

ANALYTICAL REPORT

Eurofins Savannah
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Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-215350-1

Client Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

For:

Matrix Environmental Services, LLC
707 17th Street
Suite 3150
Denver, Colorado 80202

Attn: Ms. Betty Van Pelt



Authorized for release by:

5/23/2022 6:39:03 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-215350-1	PPMP-66-MW04	Water	05/09/22 09:05	05/12/22 10:30
680-215350-2	PPMP-66-MW11	Water	05/09/22 10:25	05/12/22 10:30
680-215350-3	PPMP-66-MW07	Water	05/09/22 11:45	05/12/22 10:30
680-215350-4	PPMP-66-MW13	Water	05/09/22 12:55	05/12/22 10:30
680-215350-5	PPMP-66-MW14	Water	05/09/22 16:50	05/12/22 10:30
680-215350-6	PPMP-66-MW17	Water	05/09/22 15:55	05/12/22 10:30
680-215350-7	PPMP-66-MW18R	Water	05/09/22 14:40	05/12/22 10:30
680-215350-8	PPMP-66-MW01	Water	05/09/22 18:05	05/12/22 10:30
680-215350-9	DUP394	Water	05/09/22 00:00	05/12/22 10:30
680-215350-10	TB597	Water	05/11/22 11:15	05/12/22 10:30
680-215350-11	PPMP-66-MW22	Water	05/10/22 09:05	05/12/22 10:30
680-215350-12	PPMP-66-MW16	Water	05/10/22 10:15	05/12/22 10:30
680-215350-13	PPMP-66-MW08	Water	05/10/22 11:25	05/12/22 10:30
680-215350-14	PPMP-66-MW23R	Water	05/10/22 14:30	05/12/22 10:30
680-215350-15	PPMP-66-MW02RR	Water	05/10/22 13:15	05/12/22 10:30
680-215350-16	PPMP-66-MW24R	Water	05/10/22 15:50	05/12/22 10:30
680-215350-17	PPMP-66-MW06R	Water	05/10/22 17:15	05/12/22 10:30
680-215350-18	DUP393	Water	05/10/22 00:00	05/12/22 10:30
680-215350-19	EB142	Water	05/11/22 11:00	05/12/22 10:30
680-215350-20	MATERIAL111	Water	05/11/22 11:10	05/12/22 10:30

Case Narrative

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

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Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-215350-1

Comments

No additional comments.

Receipt

The samples were received on 5/12/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0° C.

GC/MS VOA

Method 8260D: Trichlorofluoromethane is reported with an E flag in the batch laboratory control sample/laboratory control sample duplicate (LCS/LCSD) associated with analytical batch 721570. The sample associated with the QC was non detect for Trichlorofluoromethane. The data has been qualified and reported.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 680-721574 recovered outside control limits for the following analyte: Trichlorofluoromethane. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. An LCS spiked at the reporting limit was analyzed with the batch with passing recoveries showing adequate sensitivity at the reporting limit had the analyte been present.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-721574.

Method 8260D: Trichlorofluoromethane is reported with an E flag in the batch laboratory control sample duplicate (LCSD) associated with analytical batch 721853. The sample associated with the QC was non detect for Trichlorofluoromethane. The data has been qualified and reported.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-721853.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-215350-1

Date Collected: 05/09/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 20:06	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 20:06	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 20:06	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:06	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:06	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 20:06	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 20:06	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 20:06	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 20:06	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 20:06	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 20:06	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 20:06	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 20:06	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 20:06	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 20:06	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 20:06	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:06	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:06	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:06	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:06	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 20:06	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:06	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:06	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 20:06	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 20:06	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 20:06	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 20:06	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 20:06	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 20:06	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 20:06	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 20:06	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 20:06	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 20:06	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 20:06	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 20:06	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 20:06	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 20:06	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 20:06	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 20:06	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 20:06	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 20:06	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 20:06	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 20:06	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 20:06	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 20:06	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 20:06	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 20:06	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 20:06	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 20:06	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-215350-1

Date Collected: 05/09/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130		05/19/22 20:06	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 124		05/19/22 20:06	1
Dibromofluoromethane (Surr)	118		70 - 130		05/19/22 20:06	1
4-Bromofluorobenzene (Surr)	112		70 - 130		05/19/22 20:06	1

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-215350-2

Date Collected: 05/09/22 10:25

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 20:30	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 20:30	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 20:30	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:30	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:30	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 20:30	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 20:30	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 20:30	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 20:30	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 20:30	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 20:30	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 20:30	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 20:30	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 20:30	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 20:30	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 20:30	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:30	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:30	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:30	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:30	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 20:30	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:30	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:30	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 20:30	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 20:30	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 20:30	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 20:30	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 20:30	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 20:30	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 20:30	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 20:30	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 20:30	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 20:30	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 20:30	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 20:30	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 20:30	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 20:30	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 20:30	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 20:30	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-215350-2

Date Collected: 05/09/22 10:25

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 20:30	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 20:30	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 20:30	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 20:30	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 20:30	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 20:30	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 20:30	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 20:30	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 20:30	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130		05/19/22 20:30	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		05/19/22 20:30	1
Dibromofluoromethane (Surr)	117		70 - 130		05/19/22 20:30	1
4-Bromofluorobenzene (Surr)	113		70 - 130		05/19/22 20:30	1

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-215350-3

Date Collected: 05/09/22 11:45

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 20:54	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 20:54	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 20:54	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:54	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:54	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 20:54	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 20:54	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 20:54	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 20:54	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 20:54	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 20:54	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 20:54	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 20:54	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 20:54	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 20:54	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 20:54	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:54	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:54	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:54	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:54	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 20:54	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:54	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:54	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 20:54	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 20:54	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 20:54	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 20:54	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-215350-3

Date Collected: 05/09/22 11:45

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 20:54	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 20:54	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 20:54	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 20:54	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 20:54	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 20:54	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 20:54	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 20:54	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 20:54	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 20:54	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 20:54	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 20:54	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 20:54	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 20:54	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 20:54	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 20:54	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 20:54	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 20:54	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 20:54	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 20:54	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 20:54	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130		05/19/22 20:54	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 124		05/19/22 20:54	1
Dibromofluoromethane (Surr)	118		70 - 130		05/19/22 20:54	1
4-Bromofluorobenzene (Surr)	110		70 - 130		05/19/22 20:54	1

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-215350-4

Date Collected: 05/09/22 12:55

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 21:17	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 21:17	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 21:17	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 21:17	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 21:17	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 21:17	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 21:17	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 21:17	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 21:17	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 21:17	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 21:17	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 21:17	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 21:17	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 21:17	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 21:17	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-215350-4

Date Collected: 05/09/22 12:55

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 21:17	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 21:17	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 21:17	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 21:17	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 21:17	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 21:17	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 21:17	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 21:17	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 21:17	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 21:17	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 21:17	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 21:17	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 21:17	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 21:17	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 21:17	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 21:17	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 21:17	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 21:17	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 21:17	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 21:17	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 21:17	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 21:17	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 21:17	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 21:17	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 21:17	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 21:17	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 21:17	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 21:17	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 21:17	1
Trichlorofluoromethane	0.33	U *-	1.0	0.33	ug/L			05/19/22 21:17	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 21:17	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 21:17	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 21:17	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130		05/19/22 21:17	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		05/19/22 21:17	1
Dibromofluoromethane (Surr)	121		70 - 130		05/19/22 21:17	1
4-Bromofluorobenzene (Surr)	111		70 - 130		05/19/22 21:17	1

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-215350-5

Date Collected: 05/09/22 16:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 21:41	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 21:41	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 21:41	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-215350-5

Date Collected: 05/09/22 16:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 21:41	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 21:41	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 21:41	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 21:41	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 21:41	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 21:41	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 21:41	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 21:41	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 21:41	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 21:41	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 21:41	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 21:41	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 21:41	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 21:41	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 21:41	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 21:41	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 21:41	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 21:41	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 21:41	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 21:41	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 21:41	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 21:41	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 21:41	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 21:41	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 21:41	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 21:41	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 21:41	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 21:41	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 21:41	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 21:41	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 21:41	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 21:41	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 21:41	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 21:41	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 21:41	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 21:41	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 21:41	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 21:41	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 21:41	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 21:41	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 21:41	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 21:41	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 21:41	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 21:41	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 21:41	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		70 - 130		05/19/22 21:41	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124		05/19/22 21:41	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-215350-5

Date Collected: 05/09/22 16:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	124		70 - 130		05/19/22 21:41	1
4-Bromofluorobenzene (Surr)	114		70 - 130		05/19/22 21:41	1

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-215350-6

Date Collected: 05/09/22 15:55

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 22:04	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 22:04	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 22:04	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:04	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:04	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 22:04	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 22:04	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 22:04	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 22:04	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 22:04	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 22:04	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 22:04	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 22:04	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 22:04	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 22:04	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 22:04	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:04	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:04	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:04	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:04	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 22:04	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:04	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:04	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 22:04	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 22:04	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 22:04	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 22:04	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 22:04	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 22:04	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 22:04	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 22:04	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 22:04	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 22:04	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 22:04	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 22:04	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 22:04	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 22:04	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 22:04	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 22:04	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 22:04	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-215350-6

Date Collected: 05/09/22 15:55

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 22:04	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 22:04	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 22:04	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 22:04	1
Trichlorofluoromethane	0.33	U *-	1.0	0.33	ug/L			05/19/22 22:04	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 22:04	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 22:04	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 22:04	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		70 - 130					05/19/22 22:04	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 124					05/19/22 22:04	1
Dibromofluoromethane (Surr)	122		70 - 130					05/19/22 22:04	1
4-Bromofluorobenzene (Surr)	110		70 - 130					05/19/22 22:04	1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-215350-7

Date Collected: 05/09/22 14:40

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 22:28	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 22:28	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 22:28	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:28	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:28	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 22:28	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 22:28	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 22:28	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 22:28	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 22:28	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 22:28	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 22:28	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 22:28	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 22:28	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 22:28	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 22:28	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:28	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:28	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:28	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:28	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 22:28	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:28	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:28	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 22:28	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 22:28	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 22:28	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 22:28	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 22:28	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-215350-7

Date Collected: 05/09/22 14:40

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 22:28	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 22:28	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 22:28	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 22:28	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 22:28	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 22:28	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 22:28	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 22:28	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 22:28	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 22:28	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 22:28	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 22:28	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 22:28	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 22:28	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 22:28	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 22:28	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 22:28	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 22:28	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 22:28	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 22:28	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		70 - 130		05/19/22 22:28	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 124		05/19/22 22:28	1
Dibromofluoromethane (Surr)	125		70 - 130		05/19/22 22:28	1
4-Bromofluorobenzene (Surr)	114		70 - 130		05/19/22 22:28	1

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-215350-8

Date Collected: 05/09/22 18:05

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 22:51	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 22:51	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 22:51	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:51	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:51	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 22:51	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 22:51	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 22:51	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 22:51	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 22:51	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 22:51	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 22:51	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 22:51	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 22:51	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 22:51	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 22:51	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-215350-8

Date Collected: 05/09/22 18:05

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:51	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 22:51	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:51	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 22:51	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 22:51	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 22:51	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 22:51	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 22:51	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 22:51	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 22:51	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 22:51	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 22:51	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 22:51	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 22:51	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 22:51	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 22:51	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 22:51	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 22:51	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 22:51	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 22:51	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 22:51	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 22:51	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 22:51	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 22:51	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 22:51	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 22:51	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 22:51	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 22:51	1
Trichlorofluoromethane	0.33	U *	1.0	0.33	ug/L			05/19/22 22:51	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 22:51	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 22:51	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 22:51	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		05/19/22 22:51	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 124		05/19/22 22:51	1
Dibromofluoromethane (Surr)	125		70 - 130		05/19/22 22:51	1
4-Bromofluorobenzene (Surr)	109		70 - 130		05/19/22 22:51	1

Client Sample ID: DUP394

Lab Sample ID: 680-215350-9

Date Collected: 05/09/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 16:31	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 16:31	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 16:31	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 16:31	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: DUP394

Lab Sample ID: 680-215350-9

Date Collected: 05/09/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 16:31	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 16:31	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 16:31	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 16:31	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 16:31	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 16:31	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 16:31	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 16:31	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 16:31	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 16:31	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 16:31	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 16:31	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:31	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 16:31	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 16:31	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 16:31	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 16:31	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:31	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 16:31	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 16:31	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 16:31	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 16:31	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 16:31	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 16:31	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 16:31	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 16:31	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 16:31	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 16:31	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 16:31	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 16:31	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 16:31	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 16:31	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 16:31	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 16:31	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 16:31	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 16:31	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 16:31	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 16:31	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 16:31	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 16:31	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:31	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 16:31	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 16:31	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 16:31	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		70 - 130		05/19/22 16:31	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 16:31	1
Dibromofluoromethane (Surr)	103		70 - 130		05/19/22 16:31	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: DUP394

Lab Sample ID: 680-215350-9

Date Collected: 05/09/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130		05/19/22 16:31	1

Client Sample ID: TB597

Lab Sample ID: 680-215350-10

Date Collected: 05/11/22 11:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 15:32	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 15:32	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 15:32	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:32	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:32	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 15:32	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 15:32	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 15:32	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 15:32	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 15:32	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 15:32	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 15:32	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 15:32	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 15:32	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 15:32	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 15:32	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:32	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:32	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:32	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:32	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 15:32	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:32	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:32	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 15:32	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 15:32	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 15:32	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 15:32	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 15:32	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 15:32	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 15:32	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 15:32	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 15:32	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 15:32	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 15:32	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 15:32	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 15:32	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 15:32	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 15:32	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 15:32	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 15:32	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 15:32	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: TB597

Lab Sample ID: 680-215350-10

Date Collected: 05/11/22 11:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 15:32	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 15:32	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 15:32	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:32	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 15:32	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 15:32	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 15:32	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		70 - 130					05/19/22 15:32	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124					05/19/22 15:32	1
Dibromofluoromethane (Surr)	105		70 - 130					05/19/22 15:32	1
4-Bromofluorobenzene (Surr)	96		70 - 130					05/19/22 15:32	1

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-215350-11

Date Collected: 05/10/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 16:52	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 16:52	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 16:52	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 16:52	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 16:52	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 16:52	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 16:52	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 16:52	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 16:52	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 16:52	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 16:52	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 16:52	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 16:52	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 16:52	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 16:52	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 16:52	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:52	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 16:52	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 16:52	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 16:52	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 16:52	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:52	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 16:52	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 16:52	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 16:52	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 16:52	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 16:52	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 16:52	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 16:52	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-215350-11

Date Collected: 05/10/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 16:52	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 16:52	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 16:52	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 16:52	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 16:52	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 16:52	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 16:52	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 16:52	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 16:52	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 16:52	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 16:52	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 16:52	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 16:52	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 16:52	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 16:52	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 16:52	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 16:52	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 16:52	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 16:52	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		70 - 130		05/19/22 16:52	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		05/19/22 16:52	1
Dibromofluoromethane (Surr)	104		70 - 130		05/19/22 16:52	1
4-Bromofluorobenzene (Surr)	96		70 - 130		05/19/22 16:52	1

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-215350-12

Date Collected: 05/10/22 10:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 17:11	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 17:11	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 17:11	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:11	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:11	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 17:11	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 17:11	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 17:11	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 17:11	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 17:11	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 17:11	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 17:11	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 17:11	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 17:11	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 17:11	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 17:11	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:11	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-215350-12

Date Collected: 05/10/22 10:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:11	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:11	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:11	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 17:11	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:11	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:11	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 17:11	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 17:11	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 17:11	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 17:11	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 17:11	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 17:11	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 17:11	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 17:11	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 17:11	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 17:11	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 17:11	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 17:11	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 17:11	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 17:11	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 17:11	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 17:11	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 17:11	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 17:11	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 17:11	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 17:11	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 17:11	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:11	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 17:11	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 17:11	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 17:11	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		70 - 130		05/19/22 17:11	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		05/19/22 17:11	1
Dibromofluoromethane (Surr)	104		70 - 130		05/19/22 17:11	1
4-Bromofluorobenzene (Surr)	95		70 - 130		05/19/22 17:11	1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-215350-13

Date Collected: 05/10/22 11:25

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 17:30	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 17:30	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 17:30	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:30	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:30	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-215350-13

Date Collected: 05/10/22 11:25

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 17:30	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 17:30	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 17:30	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 17:30	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 17:30	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 17:30	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 17:30	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 17:30	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 17:30	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 17:30	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 17:30	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:30	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:30	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:30	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:30	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 17:30	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:30	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:30	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 17:30	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 17:30	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 17:30	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 17:30	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 17:30	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 17:30	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 17:30	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 17:30	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 17:30	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 17:30	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 17:30	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 17:30	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 17:30	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 17:30	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 17:30	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 17:30	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 17:30	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 17:30	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 17:30	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 17:30	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 17:30	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:30	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 17:30	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 17:30	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 17:30	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		70 - 130		05/19/22 17:30	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		05/19/22 17:30	1
Dibromofluoromethane (Surr)	102		70 - 130		05/19/22 17:30	1
4-Bromofluorobenzene (Surr)	95		70 - 130		05/19/22 17:30	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-215350-14

Date Collected: 05/10/22 14:30

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 17:50	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 17:50	1
Benzene	0.48	J	1.0	0.27	ug/L			05/19/22 17:50	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:50	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:50	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 17:50	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 17:50	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 17:50	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 17:50	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 17:50	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 17:50	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 17:50	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 17:50	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 17:50	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 17:50	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 17:50	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:50	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 17:50	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:50	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 17:50	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 17:50	1
1,1-Dichloroethane	1.1		1.0	0.33	ug/L			05/19/22 17:50	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 17:50	1
cis-1,2-Dichloroethene	48		1.0	0.25	ug/L			05/19/22 17:50	1
trans-1,2-Dichloroethene	41		1.0	0.34	ug/L			05/19/22 17:50	1
1,1-Dichloroethene	1.7		1.0	0.33	ug/L			05/19/22 17:50	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 17:50	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 17:50	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 17:50	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 17:50	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 17:50	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 17:50	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 17:50	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 17:50	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 17:50	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 17:50	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 17:50	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 17:50	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 17:50	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 17:50	1
Toluene	0.54	J	1.0	0.25	ug/L			05/19/22 17:50	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 17:50	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 17:50	1
Trichloroethene	140		1.0	0.20	ug/L			05/19/22 17:50	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 17:50	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 17:50	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 17:50	1
Vinyl chloride	8.5		1.0	0.40	ug/L			05/19/22 17:50	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 17:50	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-215350-14

Date Collected: 05/10/22 14:30

Matrix: Water

Date Received: 05/12/22 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		70 - 130		05/19/22 17:50	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 17:50	1
Dibromofluoromethane (Surr)	103		70 - 130		05/19/22 17:50	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/19/22 17:50	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.83	J	1.1	0.30	ug/L			05/17/22 19:07	1
Ethene	1.4		1.0	0.31	ug/L			05/17/22 19:07	1
Methane	56		0.58	0.57	ug/L			05/17/22 19:07	1

Method: 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		0.50	0.20	mg/L			05/19/22 20:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.4		1.0	0.50	mg/L			05/19/22 22:49	1
Total Organic Carbon - Quad	6.4		1.0	0.50	mg/L			05/19/22 22:49	1

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-215350-15

Date Collected: 05/10/22 13:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 18:09	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 18:09	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 18:09	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:09	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:09	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 18:09	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 18:09	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 18:09	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 18:09	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 18:09	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 18:09	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 18:09	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 18:09	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 18:09	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 18:09	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 18:09	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:09	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:09	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:09	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:09	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 18:09	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:09	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:09	1
cis-1,2-Dichloroethene	11		1.0	0.25	ug/L			05/19/22 18:09	1
trans-1,2-Dichloroethene	2.4		1.0	0.34	ug/L			05/19/22 18:09	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-215350-15

Date Collected: 05/10/22 13:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 18:09	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 18:09	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 18:09	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 18:09	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 18:09	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 18:09	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 18:09	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 18:09	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 18:09	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 18:09	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 18:09	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 18:09	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 18:09	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 18:09	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 18:09	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 18:09	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 18:09	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 18:09	1
Trichloroethene	2.1		1.0	0.20	ug/L			05/19/22 18:09	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:09	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 18:09	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 18:09	1
Vinyl chloride	4.3		1.0	0.40	ug/L			05/19/22 18:09	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	113		70 - 130		05/19/22 18:09	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 18:09	1
Dibromofluoromethane (Surr)	104		70 - 130		05/19/22 18:09	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/19/22 18:09	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.34	J	1.1	0.30	ug/L			05/17/22 19:20	1
Ethene	0.62	J	1.0	0.31	ug/L			05/17/22 19:20	1
Methane	13		0.58	0.57	ug/L			05/17/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.50	mg/L			05/19/22 23:13	1
Total Organic Carbon - Quad	4.1		1.0	0.50	mg/L			05/19/22 23:13	1

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-215350-16

Date Collected: 05/10/22 15:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 20:04	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 20:04	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 20:04	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-215350-16

Date Collected: 05/10/22 15:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:04	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:04	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 20:04	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 20:04	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 20:04	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 20:04	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 20:04	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 20:04	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 20:04	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 20:04	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 20:04	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 20:04	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 20:04	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:04	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 20:04	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:04	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 20:04	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 20:04	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:04	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 20:04	1
cis-1,2-Dichloroethene	0.60	J	1.0	0.25	ug/L			05/19/22 20:04	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 20:04	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 20:04	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 20:04	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 20:04	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 20:04	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 20:04	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 20:04	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 20:04	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 20:04	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 20:04	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 20:04	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 20:04	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 20:04	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 20:04	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 20:04	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 20:04	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 20:04	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 20:04	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 20:04	1
Trichloroethene	0.21	J	1.0	0.20	ug/L			05/19/22 20:04	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 20:04	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 20:04	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 20:04	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 20:04	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		70 - 130		05/19/22 20:04	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 20:04	1

Eurofins Savannah

Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-215350-16

Date Collected: 05/10/22 15:50

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		70 - 130		05/19/22 20:04	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/19/22 20:04	1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-215350-17

Date Collected: 05/10/22 17:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 18:28	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 18:28	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 18:28	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:28	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:28	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 18:28	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 18:28	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 18:28	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 18:28	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 18:28	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 18:28	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 18:28	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 18:28	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 18:28	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 18:28	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 18:28	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:28	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:28	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:28	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:28	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 18:28	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:28	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:28	1
cis-1,2-Dichloroethene	3.3		1.0	0.25	ug/L			05/19/22 18:28	1
trans-1,2-Dichloroethene	1.9		1.0	0.34	ug/L			05/19/22 18:28	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 18:28	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 18:28	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 18:28	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 18:28	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 18:28	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 18:28	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 18:28	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 18:28	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 18:28	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 18:28	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 18:28	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 18:28	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 18:28	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 18:28	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 18:28	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-215350-17

Date Collected: 05/10/22 17:15

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 18:28	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 18:28	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 18:28	1
Trichloroethene	23		1.0	0.20	ug/L			05/19/22 18:28	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:28	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 18:28	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 18:28	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 18:28	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		70 - 130					05/19/22 18:28	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 124					05/19/22 18:28	1
Dibromofluoromethane (Surr)	106		70 - 130					05/19/22 18:28	1
4-Bromofluorobenzene (Surr)	94		70 - 130					05/19/22 18:28	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.38	J	1.1	0.30	ug/L			05/17/22 19:33	1
Ethene	0.31	U	1.0	0.31	ug/L			05/17/22 19:33	1
Methane	130		0.58	0.57	ug/L			05/17/22 19:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.1		1.0	0.50	mg/L			05/19/22 19:36	1
Total Organic Carbon - Quad	2.1		1.0	0.50	mg/L			05/19/22 19:36	1

Client Sample ID: DUP393

Lab Sample ID: 680-215350-18

Date Collected: 05/10/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 18:47	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 18:47	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 18:47	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:47	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:47	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 18:47	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 18:47	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 18:47	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 18:47	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 18:47	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 18:47	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 18:47	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 18:47	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 18:47	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 18:47	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 18:47	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:47	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 18:47	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: DUP393

Lab Sample ID: 680-215350-18

Date Collected: 05/10/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:47	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 18:47	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 18:47	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:47	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 18:47	1
cis-1,2-Dichloroethene	11		1.0	0.25	ug/L			05/19/22 18:47	1
trans-1,2-Dichloroethene	2.2		1.0	0.34	ug/L			05/19/22 18:47	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 18:47	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 18:47	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 18:47	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 18:47	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 18:47	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 18:47	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 18:47	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 18:47	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 18:47	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 18:47	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 18:47	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 18:47	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 18:47	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 18:47	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 18:47	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 18:47	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 18:47	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 18:47	1
Trichloroethene	1.9		1.0	0.20	ug/L			05/19/22 18:47	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 18:47	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 18:47	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 18:47	1
Vinyl chloride	4.4		1.0	0.40	ug/L			05/19/22 18:47	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		70 - 130		05/19/22 18:47	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 18:47	1
Dibromofluoromethane (Surr)	102		70 - 130		05/19/22 18:47	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/19/22 18:47	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.33	J	1.1	0.30	ug/L			05/17/22 19:45	1
Ethene	0.63	J	1.0	0.31	ug/L			05/17/22 19:45	1
Methane	14		0.58	0.57	ug/L			05/17/22 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.1		1.0	0.50	mg/L			05/19/22 23:38	1
Total Organic Carbon - Quad	4.1		1.0	0.50	mg/L			05/19/22 23:38	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: EB142

Lab Sample ID: 680-215350-19

Date Collected: 05/11/22 11:00

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/20/22 13:56	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 15:53	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 15:53	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:53	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:53	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 15:53	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 15:53	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 15:53	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 15:53	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 15:53	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 15:53	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 15:53	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 15:53	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 15:53	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 15:53	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 15:53	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:53	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:53	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:53	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:53	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 15:53	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:53	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:53	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 15:53	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 15:53	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 15:53	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 15:53	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 15:53	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 15:53	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 15:53	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 15:53	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 15:53	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 15:53	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 15:53	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 15:53	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 15:53	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 15:53	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 15:53	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 15:53	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 15:53	1
Toluene	0.25	U	1.0	0.25	ug/L			05/20/22 13:56	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 15:53	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 15:53	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 15:53	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:53	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 15:53	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 15:53	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 15:53	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 15:53	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: EB142

Lab Sample ID: 680-215350-19

Date Collected: 05/11/22 11:00

Matrix: Water

Date Received: 05/12/22 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		70 - 130		05/19/22 15:53	1
Toluene-d8 (Surr)	113		70 - 130		05/20/22 13:56	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/19/22 15:53	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/20/22 13:56	1
Dibromofluoromethane (Surr)	106		70 - 130		05/19/22 15:53	1
Dibromofluoromethane (Surr)	106		70 - 130		05/20/22 13:56	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/19/22 15:53	1
4-Bromofluorobenzene (Surr)	93		70 - 130		05/20/22 13:56	1

Client Sample ID: MATERIAL111

Lab Sample ID: 680-215350-20

Date Collected: 05/11/22 11:10

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 19:06	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 19:06	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 19:06	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 19:06	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 19:06	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 19:06	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 19:06	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 19:06	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 19:06	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 19:06	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 19:06	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 19:06	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 19:06	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 19:06	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 19:06	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 19:06	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 19:06	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 19:06	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 19:06	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 19:06	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 19:06	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 19:06	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 19:06	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 19:06	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 19:06	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 19:06	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 19:06	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 19:06	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 19:06	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 19:06	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 19:06	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 19:06	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 19:06	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 19:06	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 19:06	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: MATERIAL111

Lab Sample ID: 680-215350-20

Date Collected: 05/11/22 11:10

Matrix: Water

Date Received: 05/12/22 10:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 19:06	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 19:06	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 19:06	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 19:06	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 19:06	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 19:06	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 19:06	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 19:06	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 19:06	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 19:06	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 19:06	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 19:06	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 19:06	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		70 - 130					05/19/22 19:06	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124					05/19/22 19:06	1
Dibromofluoromethane (Surr)	105		70 - 130					05/19/22 19:06	1
4-Bromofluorobenzene (Surr)	94		70 - 130					05/19/22 19:06	1

QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-721570/9

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	3.7	U	10	3.7	ug/L			05/19/22 13:50	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 13:50	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 13:50	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 13:50	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 13:50	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 13:50	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 13:50	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 13:50	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 13:50	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 13:50	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 13:50	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 13:50	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 13:50	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 13:50	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 13:50	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 13:50	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 13:50	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 13:50	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 13:50	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 13:50	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 13:50	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 13:50	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 13:50	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 13:50	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 13:50	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 13:50	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 13:50	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 13:50	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 13:50	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 13:50	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 13:50	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 13:50	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 13:50	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 13:50	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 13:50	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 13:50	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 13:50	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 13:50	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 13:50	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 13:50	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 13:50	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 13:50	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 13:50	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 13:50	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 13:50	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 13:50	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 13:50	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 13:50	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 680-721570/9

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 13:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	119		70 - 130		05/19/22 13:50	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		05/19/22 13:50	1
Dibromofluoromethane (Surr)	110		70 - 130		05/19/22 13:50	1
4-Bromofluorobenzene (Surr)	95		70 - 130		05/19/22 13:50	1

Lab Sample ID: LCS 680-721570/4

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	278		ug/L		111	67 - 120
Acrylonitrile	500	549		ug/L		110	70 - 130
Benzene	50.0	55.7		ug/L		111	70 - 130
Bromochloromethane	50.0	60.4		ug/L		121	70 - 130
Bromodichloromethane	50.0	52.5		ug/L		105	70 - 130
Bromoform	50.0	51.7		ug/L		103	69 - 129
Bromomethane	50.0	59.1		ug/L		118	28 - 192
2-Butanone (MEK)	250	243		ug/L		97	69 - 120
Carbon disulfide	50.0	57.5		ug/L		115	70 - 130
Carbon tetrachloride	50.0	53.2		ug/L		106	70 - 130
Chlorobenzene	50.0	49.6		ug/L		99	70 - 130
Chloroethane	50.0	60.5		ug/L		121	31 - 213
Chloroform	50.0	56.6		ug/L		113	70 - 130
Chloromethane	50.0	50.5		ug/L		101	59 - 127
Dibromochloromethane	50.0	53.1		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.1		ug/L		92	70 - 130
1,2-Dibromoethane	50.0	55.5		ug/L		111	70 - 130
Dibromomethane	50.0	54.1		ug/L		108	70 - 130
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 130
trans-1,4-Dichloro-2-butene	50.0	47.2		ug/L		94	67 - 120
1,1-Dichloroethane	50.0	58.3		ug/L		117	70 - 130
1,2-Dichloroethane	50.0	56.0		ug/L		112	70 - 130
cis-1,2-Dichloroethene	50.0	56.5		ug/L		113	70 - 130
trans-1,2-Dichloroethene	50.0	56.3		ug/L		113	70 - 130
1,1-Dichloroethene	50.0	58.9		ug/L		118	70 - 130
1,2-Dichloropropane	50.0	56.2		ug/L		112	70 - 130
1,3-Dichloropropane	50.0	55.9		ug/L		112	70 - 130
cis-1,3-Dichloropropene	50.0	56.0		ug/L		112	70 - 130
trans-1,3-Dichloropropene	50.0	55.7		ug/L		111	70 - 130
Ethylbenzene	50.0	53.9		ug/L		108	70 - 130
2-Hexanone	250	270		ug/L		108	70 - 130
Iodomethane	50.0	44.5		ug/L		89	52 - 129
Methylene Chloride	50.0	60.9		ug/L		122	70 - 130
4-Methyl-2-pentanone (MIBK)	250	275		ug/L		110	68 - 120

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 680-721570/4

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	50.8		ug/L		102	70 - 130
Styrene	50.0	55.4		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	50.0	53.4		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/L		99	70 - 130
Tetrachloroethylene	50.0	59.8		ug/L		120	70 - 130
Toluene	50.0	57.1		ug/L		114	70 - 130
1,1,1-Trichloroethane	50.0	54.6		ug/L		109	70 - 130
1,1,2-Trichloroethane	50.0	54.4		ug/L		109	70 - 130
Trichloroethene	50.0	56.9		ug/L		114	70 - 130
Trichlorofluoromethane	50.0	53.9	E	ug/L		108	63 - 142
1,2,3-Trichloropropane	50.0	50.4		ug/L		101	70 - 130
Vinyl acetate	100	91.9		ug/L		92	67 - 135
Vinyl chloride	50.0	49.7		ug/L		99	66 - 129
Xylenes, Total	100	107		ug/L		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	113		70 - 130
1,2-Dichloroethane-d4 (Surr)	106		60 - 124
Dibromofluoromethane (Surr)	112		70 - 130
4-Bromofluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 680-721570/5

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	281		ug/L		112	67 - 120	1	30
Acrylonitrile	500	551		ug/L		110	70 - 130	0	30
Benzene	50.0	56.2		ug/L		112	70 - 130	1	30
Bromochloromethane	50.0	61.0		ug/L		122	70 - 130	1	30
Bromodichloromethane	50.0	52.9		ug/L		106	70 - 130	1	30
Bromoform	50.0	52.3		ug/L		105	69 - 129	1	30
Bromomethane	50.0	59.3		ug/L		119	28 - 192	0	30
2-Butanone (MEK)	250	243		ug/L		97	69 - 120	0	30
Carbon disulfide	50.0	58.9		ug/L		118	70 - 130	2	30
Carbon tetrachloride	50.0	54.1		ug/L		108	70 - 130	2	30
Chlorobenzene	50.0	50.2		ug/L		100	70 - 130	1	30
Chloroethane	50.0	60.9		ug/L		122	31 - 213	1	30
Chloroform	50.0	57.5		ug/L		115	70 - 130	2	30
Chloromethane	50.0	51.7		ug/L		103	59 - 127	2	30
Dibromochloromethane	50.0	53.9		ug/L		108	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/L		92	70 - 130	0	30
1,2-Dibromoethane	50.0	56.0		ug/L		112	70 - 130	1	30
Dibromomethane	50.0	55.3		ug/L		111	70 - 130	2	30
1,2-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 130	1	30
1,4-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	47.1		ug/L		94	67 - 120	0	30
1,1-Dichloroethane	50.0	59.8		ug/L		120	70 - 130	3	30

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 680-721570/5

Matrix: Water

Analysis Batch: 721570

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	55.9		ug/L		112	70 - 130	0	50
cis-1,2-Dichloroethene	50.0	57.5		ug/L		115	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	56.9		ug/L		114	70 - 130	1	30
1,1-Dichloroethene	50.0	59.3		ug/L		119	70 - 130	1	20
1,2-Dichloropropane	50.0	55.7		ug/L		111	70 - 130	1	20
1,3-Dichloropropane	50.0	56.5		ug/L		113	70 - 130	1	20
cis-1,3-Dichloropropene	50.0	56.2		ug/L		112	70 - 130	0	20
trans-1,3-Dichloropropene	50.0	56.1		ug/L		112	70 - 130	1	30
Ethylbenzene	50.0	54.6		ug/L		109	70 - 130	1	20
2-Hexanone	250	270		ug/L		108	70 - 130	0	20
Iodomethane	50.0	46.5		ug/L		93	52 - 129	4	30
Methylene Chloride	50.0	60.6		ug/L		121	70 - 130	0	30
4-Methyl-2-pentanone (MIBK)	250	278		ug/L		111	68 - 120	1	30
Methyl tert-butyl ether	50.0	50.8		ug/L		102	70 - 130	0	30
Styrene	50.0	56.4		ug/L		113	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/L		108	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	70 - 130	1	30
Tetrachloroethylene	50.0	60.4		ug/L		121	70 - 130	1	30
Toluene	50.0	57.9		ug/L		116	70 - 130	1	30
1,1,1-Trichloroethane	50.0	54.8		ug/L		110	70 - 130	0	30
1,1,2-Trichloroethane	50.0	54.0		ug/L		108	70 - 130	1	30
Trichloroethene	50.0	57.4		ug/L		115	70 - 130	1	30
Trichlorofluoromethane	50.0	54.8	E	ug/L		110	63 - 142	2	30
1,2,3-Trichloropropane	50.0	50.9		ug/L		102	70 - 130	1	30
Vinyl acetate	100	90.6		ug/L		91	67 - 135	1	30
Vinyl chloride	50.0	50.8		ug/L		102	66 - 129	2	30
Xylenes, Total	100	109		ug/L		109	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	113		70 - 130
1,2-Dichloroethane-d4 (Surr)	107		60 - 124
Dibromofluoromethane (Surr)	114		70 - 130
4-Bromofluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 680-215350-16 MS

Matrix: Water

Analysis Batch: 721570

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	3.7	U	250	245		ug/L		98	67 - 120
Acrylonitrile	5.5	U	500	486		ug/L		97	70 - 130
Benzene	0.27	U	50.0	53.9		ug/L		108	70 - 130
Bromochloromethane	0.34	U	50.0	54.5		ug/L		109	70 - 130
Bromodichloromethane	0.25	U	50.0	49.8		ug/L		100	70 - 130
Bromoform	0.59	U	50.0	56.1		ug/L		112	69 - 129
Bromomethane	3.7	U	50.0	67.7		ug/L		135	28 - 192
2-Butanone (MEK)	6.4	U	250	230		ug/L		92	69 - 120
Carbon disulfide	0.43	U	50.0	52.8		ug/L		106	70 - 130

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-215350-16 MS

Matrix: Water

Analysis Batch: 721570

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	0.30	U	50.0	55.0		ug/L		110	70 - 130
Chlorobenzene	0.15	U	50.0	50.1		ug/L		100	70 - 130
Chloroethane	4.6	U	50.0	72.6		ug/L		145	31 - 213
Chloroform	0.27	U	50.0	51.1		ug/L		102	70 - 130
Chloromethane	0.54	U	50.0	48.7		ug/L		97	59 - 127
Dibromochloromethane	0.39	U	50.0	52.9		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	1.8	U	50.0	46.4		ug/L		93	70 - 130
1,2-Dibromoethane	0.33	U	50.0	53.5		ug/L		107	70 - 130
Dibromomethane	0.34	U	50.0	49.5		ug/L		99	70 - 130
1,2-Dichlorobenzene	0.31	U	50.0	48.9		ug/L		98	70 - 130
1,4-Dichlorobenzene	0.31	U	50.0	49.6		ug/L		99	70 - 130
trans-1,4-Dichloro-2-butene	1.3	U	50.0	41.4		ug/L		83	67 - 120
1,1-Dichloroethane	0.33	U	50.0	52.8		ug/L		106	70 - 130
1,2-Dichloroethane	0.25	U	50.0	49.4		ug/L		99	70 - 130
cis-1,2-Dichloroethene	0.60	J	50.0	49.3		ug/L		97	70 - 130
trans-1,2-Dichloroethene	0.34	U	50.0	50.9		ug/L		102	70 - 130
1,1-Dichloroethene	0.33	U	50.0	55.2		ug/L		110	70 - 130
1,2-Dichloropropane	0.22	U	50.0	53.1		ug/L		106	70 - 130
1,3-Dichloropropane	0.36	U	50.0	53.3		ug/L		107	70 - 130
cis-1,3-Dichloropropene	0.26	U	50.0	51.0		ug/L		102	70 - 130
trans-1,3-Dichloropropene	0.23	U	50.0	50.2		ug/L		100	70 - 130
Ethylbenzene	0.20	U	50.0	54.0		ug/L		108	70 - 130
2-Hexanone	3.2	U	250	258		ug/L		103	70 - 130
Iodomethane	3.9	U	50.0	42.6		ug/L		85	52 - 129
Methylene Chloride	3.2	U	50.0	52.9		ug/L		106	70 - 130
4-Methyl-2-pentanone (MIBK)	2.7	U	250	273		ug/L		109	68 - 120
Methyl tert-butyl ether	0.81	U	50.0	49.5		ug/L		99	70 - 130
Styrene	0.27	U	50.0	54.7		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	0.36	U	50.0	57.8		ug/L		116	70 - 130
1,1,2,2-Tetrachloroethane	0.40	U	50.0	52.4		ug/L		105	70 - 130
Tetrachloroethylene	0.35	U	50.0	61.7		ug/L		123	70 - 130
Toluene	0.25	U	50.0	55.1		ug/L		110	70 - 130
1,1,1-Trichloroethane	0.21	U	50.0	53.0		ug/L		106	70 - 130
1,1,2-Trichloroethane	0.32	U	50.0	52.6		ug/L		105	70 - 130
Trichloroethene	0.21	J	50.0	57.2		ug/L		114	70 - 130
Trichlorofluoromethane	0.33	U	50.0	53.2	E	ug/L		106	63 - 142
1,2,3-Trichloropropane	0.48	U	50.0	51.2		ug/L		102	70 - 130
Vinyl acetate	0.69	U	100	94.4		ug/L		94	67 - 135
Vinyl chloride	0.40	U	50.0	47.4		ug/L		95	66 - 129
Xylenes, Total	0.23	U	100	105		ug/L		105	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
Toluene-d8 (Surr)	109		70 - 130						
1,2-Dichloroethane-d4 (Surr)	94		60 - 124						
Dibromofluoromethane (Surr)	103		70 - 130						
4-Bromofluorobenzene (Surr)	86		70 - 130						

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-215350-16 MSD

Matrix: Water

Analysis Batch: 721570

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	3.7	U	250	251		ug/L		101	67 - 120	3	30
Acrylonitrile	5.5	U	500	495		ug/L		99	70 - 130	2	30
Benzene	0.27	U	50.0	54.1		ug/L		108	70 - 130	0	30
Bromochloromethane	0.34	U	50.0	56.3		ug/L		113	70 - 130	3	30
Bromodichloromethane	0.25	U	50.0	50.3		ug/L		101	70 - 130	1	30
Bromoform	0.59	U	50.0	54.7		ug/L		109	69 - 129	3	30
Bromomethane	3.7	U	50.0	70.0		ug/L		140	28 - 192	3	30
2-Butanone (MEK)	6.4	U	250	229		ug/L		92	69 - 120	1	30
Carbon disulfide	0.43	U	50.0	54.9		ug/L		110	70 - 130	4	30
Carbon tetrachloride	0.30	U	50.0	55.8		ug/L		112	70 - 130	1	30
Chlorobenzene	0.15	U	50.0	49.7		ug/L		99	70 - 130	1	30
Chloroethane	4.6	U	50.0	76.0		ug/L		152	31 - 213	5	30
Chloroform	0.27	U	50.0	52.6		ug/L		105	70 - 130	3	30
Chloromethane	0.54	U	50.0	50.6		ug/L		101	59 - 127	4	30
Dibromochloromethane	0.39	U	50.0	52.3		ug/L		105	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	1.8	U	50.0	46.2		ug/L		92	70 - 130	0	30
1,2-Dibromoethane	0.33	U	50.0	54.1		ug/L		108	70 - 130	1	30
Dibromomethane	0.34	U	50.0	49.9		ug/L		100	70 - 130	1	30
1,2-Dichlorobenzene	0.31	U	50.0	48.6		ug/L		97	70 - 130	1	30
1,4-Dichlorobenzene	0.31	U	50.0	50.0		ug/L		100	70 - 130	1	30
trans-1,4-Dichloro-2-butene	1.3	U	50.0	42.1		ug/L		84	67 - 120	2	30
1,1-Dichloroethane	0.33	U	50.0	54.6		ug/L		109	70 - 130	3	30
1,2-Dichloroethane	0.25	U	50.0	50.7		ug/L		101	70 - 130	2	50
cis-1,2-Dichloroethene	0.60	J	50.0	50.8		ug/L		100	70 - 130	3	30
trans-1,2-Dichloroethene	0.34	U	50.0	53.1		ug/L		106	70 - 130	4	30
1,1-Dichloroethene	0.33	U	50.0	56.9		ug/L		114	70 - 130	3	20
1,2-Dichloropropane	0.22	U	50.0	53.5		ug/L		107	70 - 130	1	20
1,3-Dichloropropane	0.36	U	50.0	53.1		ug/L		106	70 - 130	0	20
cis-1,3-Dichloropropene	0.26	U	50.0	50.5		ug/L		101	70 - 130	1	20
trans-1,3-Dichloropropene	0.23	U	50.0	50.7		ug/L		101	70 - 130	1	30
Ethylbenzene	0.20	U	50.0	54.0		ug/L		108	70 - 130	0	20
2-Hexanone	3.2	U	250	262		ug/L		105	70 - 130	2	20
Iodomethane	3.9	U	50.0	51.9		ug/L		104	52 - 129	20	30
Methylene Chloride	3.2	U	50.0	54.6		ug/L		109	70 - 130	3	30
4-Methyl-2-pentanone (MIBK)	2.7	U	250	276		ug/L		111	68 - 120	1	30
Methyl tert-butyl ether	0.81	U	50.0	48.9		ug/L		98	70 - 130	1	30
Styrene	0.27	U	50.0	54.1		ug/L		108	70 - 130	1	30
1,1,1,2-Tetrachloroethane	0.36	U	50.0	56.3		ug/L		113	70 - 130	3	30
1,1,2,2-Tetrachloroethane	0.40	U	50.0	52.0		ug/L		104	70 - 130	1	30
Tetrachloroethylene	0.35	U	50.0	62.1		ug/L		124	70 - 130	1	30
Toluene	0.25	U	50.0	56.5		ug/L		113	70 - 130	2	30
1,1,1-Trichloroethane	0.21	U	50.0	54.1		ug/L		108	70 - 130	2	30
1,1,2-Trichloroethane	0.32	U	50.0	52.6		ug/L		105	70 - 130	0	30
Trichloroethene	0.21	J	50.0	56.8		ug/L		113	70 - 130	1	30
Trichlorofluoromethane	0.33	U	50.0	54.5	E	ug/L		109	63 - 142	3	30
1,2,3-Trichloropropane	0.48	U	50.0	50.8		ug/L		102	70 - 130	1	30
Vinyl acetate	0.69	U	100	92.9		ug/L		93	67 - 135	1	30
Vinyl chloride	0.40	U	50.0	49.9		ug/L		100	66 - 129	5	30

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-215350-16 MSD

Matrix: Water

Analysis Batch: 721570

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total	0.23	U	100	105		ug/L		105	70 - 130	1	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
Toluene-d8 (Surr)	109		70 - 130
1,2-Dichloroethane-d4 (Surr)	96		60 - 124
Dibromofluoromethane (Surr)	106		70 - 130
4-Bromofluorobenzene (Surr)	87		70 - 130

Lab Sample ID: MB 680-721574/10

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.7	U	10	3.7	ug/L			05/19/22 15:46	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/19/22 15:46	1
Benzene	0.27	U	1.0	0.27	ug/L			05/19/22 15:46	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:46	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:46	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/19/22 15:46	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/19/22 15:46	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/19/22 15:46	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/19/22 15:46	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/19/22 15:46	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/19/22 15:46	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/19/22 15:46	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/19/22 15:46	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/19/22 15:46	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/19/22 15:46	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/19/22 15:46	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:46	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/19/22 15:46	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:46	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/19/22 15:46	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/19/22 15:46	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:46	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/19/22 15:46	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/19/22 15:46	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/19/22 15:46	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/19/22 15:46	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/19/22 15:46	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/19/22 15:46	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/19/22 15:46	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/19/22 15:46	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/19/22 15:46	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/19/22 15:46	1
Iodomethane	3.9	U	10	3.9	ug/L			05/19/22 15:46	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/19/22 15:46	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/19/22 15:46	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 680-721574/10

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/19/22 15:46	1
Styrene	0.27	U	1.0	0.27	ug/L			05/19/22 15:46	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/19/22 15:46	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/19/22 15:46	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/19/22 15:46	1
Toluene	0.25	U	1.0	0.25	ug/L			05/19/22 15:46	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/19/22 15:46	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/19/22 15:46	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/19/22 15:46	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/19/22 15:46	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/19/22 15:46	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/19/22 15:46	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/19/22 15:46	1
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/19/22 15:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		05/19/22 15:46	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 124		05/19/22 15:46	1
Dibromofluoromethane (Surr)	121		70 - 130		05/19/22 15:46	1
4-Bromofluorobenzene (Surr)	114		70 - 130		05/19/22 15:46	1

Lab Sample ID: LCS 680-721574/5

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	211		ug/L		84	67 - 120
Acrylonitrile	500	422		ug/L		84	70 - 130
Benzene	50.0	43.5		ug/L		87	70 - 130
Bromochloromethane	50.0	52.4		ug/L		105	70 - 130
Bromodichloromethane	50.0	47.4		ug/L		95	70 - 130
Bromoform	50.0	46.2		ug/L		92	69 - 129
Bromomethane	50.0	40.7		ug/L		81	28 - 192
2-Butanone (MEK)	250	206		ug/L		83	69 - 120
Carbon disulfide	50.0	44.7		ug/L		89	70 - 130
Carbon tetrachloride	50.0	53.2		ug/L		106	70 - 130
Chlorobenzene	50.0	45.6		ug/L		91	70 - 130
Chloroethane	50.0	29.9		ug/L		60	31 - 213
Chloroform	50.0	49.2		ug/L		98	70 - 130
Chloromethane	50.0	47.6		ug/L		95	59 - 127
Dibromochloromethane	50.0	44.0		ug/L		88	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	53.4		ug/L		107	70 - 130
1,2-Dibromoethane	50.0	49.1		ug/L		98	70 - 130
Dibromomethane	50.0	48.7		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 130
1,4-Dichlorobenzene	50.0	47.9		ug/L		96	70 - 130
trans-1,4-Dichloro-2-butene	50.0	45.5		ug/L		91	67 - 120
1,1-Dichloroethane	50.0	44.1		ug/L		88	70 - 130

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 680-721574/5

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	47.6		ug/L		95	70 - 130
cis-1,2-Dichloroethene	50.0	45.4		ug/L		91	70 - 130
trans-1,2-Dichloroethene	50.0	47.5		ug/L		95	70 - 130
1,1-Dichloroethene	50.0	44.9		ug/L		90	70 - 130
1,2-Dichloropropane	50.0	45.4		ug/L		91	70 - 130
1,3-Dichloropropane	50.0	45.6		ug/L		91	70 - 130
cis-1,3-Dichloropropene	50.0	46.0		ug/L		92	70 - 130
trans-1,3-Dichloropropene	50.0	43.4		ug/L		87	70 - 130
Ethylbenzene	50.0	46.3		ug/L		93	70 - 130
2-Hexanone	250	200		ug/L		80	70 - 130
Iodomethane	50.0	62.9		ug/L		126	52 - 129
Methylene Chloride	50.0	48.7		ug/L		97	70 - 130
4-Methyl-2-pentanone (MIBK)	250	200		ug/L		80	68 - 120
Methyl tert-butyl ether	50.0	47.7		ug/L		95	70 - 130
Styrene	50.0	46.9		ug/L		94	70 - 130
1,1,1,2-Tetrachloroethane	50.0	50.7		ug/L		101	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.6		ug/L		93	70 - 130
Tetrachloroethylene	50.0	55.0		ug/L		110	70 - 130
Toluene	50.0	44.4		ug/L		89	70 - 130
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	46.4		ug/L		93	70 - 130
Trichloroethene	50.0	54.9		ug/L		110	70 - 130
Trichlorofluoromethane	50.0	29.7	*-	ug/L		59	63 - 142
1,2,3-Trichloropropane	50.0	48.4		ug/L		97	70 - 130
Vinyl acetate	100	69.1		ug/L		69	67 - 135
Vinyl chloride	50.0	50.2		ug/L		100	66 - 129
Xylenes, Total	100	96.9		ug/L		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		60 - 124
Dibromofluoromethane (Surr)	108		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 680-721574/6

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	214		ug/L		85	67 - 120	1	30
Acrylonitrile	500	422		ug/L		84	70 - 130	0	30
Benzene	50.0	43.8		ug/L		88	70 - 130	1	30
Bromochloromethane	50.0	53.4		ug/L		107	70 - 130	2	30
Bromodichloromethane	50.0	47.8		ug/L		96	70 - 130	1	30
Bromoform	50.0	45.2		ug/L		90	69 - 129	2	30
Bromomethane	50.0	40.7		ug/L		81	28 - 192	0	30
2-Butanone (MEK)	250	215		ug/L		86	69 - 120	4	30
Carbon disulfide	50.0	44.6		ug/L		89	70 - 130	0	30

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 680-721574/6

Matrix: Water

Analysis Batch: 721574

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	50.0	52.6		ug/L		105	70 - 130	1	30
Chlorobenzene	50.0	45.1		ug/L		90	70 - 130	1	30
Chloroethane	50.0	28.9		ug/L		58	31 - 213	3	30
Chloroform	50.0	49.6		ug/L		99	70 - 130	1	30
Chloromethane	50.0	47.9		ug/L		96	59 - 127	0	30
Dibromochloromethane	50.0	43.8		ug/L		88	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	53.0		ug/L		106	70 - 130	1	30
1,2-Dibromoethane	50.0	49.6		ug/L		99	70 - 130	1	30
Dibromomethane	50.0	49.1		ug/L		98	70 - 130	1	30
1,2-Dichlorobenzene	50.0	50.5		ug/L		101	70 - 130	0	30
1,4-Dichlorobenzene	50.0	47.7		ug/L		95	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	47.0		ug/L		94	67 - 120	3	30
1,1-Dichloroethane	50.0	44.4		ug/L		89	70 - 130	1	30
1,2-Dichloroethane	50.0	47.5		ug/L		95	70 - 130	0	50
cis-1,2-Dichloroethene	50.0	45.3		ug/L		91	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	48.3		ug/L		97	70 - 130	2	30
1,1-Dichloroethene	50.0	45.5		ug/L		91	70 - 130	1	20
1,2-Dichloropropane	50.0	45.4		ug/L		91	70 - 130	0	20
1,3-Dichloropropane	50.0	45.5		ug/L		91	70 - 130	0	20
cis-1,3-Dichloropropene	50.0	46.1		ug/L		92	70 - 130	0	20
trans-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 130	0	30
Ethylbenzene	50.0	45.6		ug/L		91	70 - 130	2	20
2-Hexanone	250	200		ug/L		80	70 - 130	0	20
Iodomethane	50.0	55.5		ug/L		111	52 - 129	12	30
Methylene Chloride	50.0	49.6		ug/L		99	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	250	198		ug/L		79	68 - 120	1	30
Methyl tert-butyl ether	50.0	47.5		ug/L		95	70 - 130	0	30
Styrene	50.0	46.5		ug/L		93	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/L		101	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L		92	70 - 130	2	30
Tetrachloroethylene	50.0	54.8		ug/L		110	70 - 130	0	30
Toluene	50.0	44.5		ug/L		89	70 - 130	0	30
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	70 - 130	1	30
1,1,2-Trichloroethane	50.0	46.5		ug/L		93	70 - 130	0	30
Trichloroethene	50.0	55.9		ug/L		112	70 - 130	2	30
Trichlorofluoromethane	50.0	27.8	*-	ug/L		56	63 - 142	6	30
1,2,3-Trichloropropane	50.0	47.0		ug/L		94	70 - 130	3	30
Vinyl acetate	100	66.9		ug/L		67	67 - 135	3	30
Vinyl chloride	50.0	50.1		ug/L		100	66 - 129	0	30
Xylenes, Total	100	95.9		ug/L		96	70 - 130	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		60 - 124
Dibromofluoromethane (Surr)	109		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 680-721853/9

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	3.7	U	10	3.7	ug/L			05/20/22 13:22	1
Acrylonitrile	5.5	U	20	5.5	ug/L			05/20/22 13:22	1
Benzene	0.27	U	1.0	0.27	ug/L			05/20/22 13:22	1
Bromochloromethane	0.34	U	1.0	0.34	ug/L			05/20/22 13:22	1
Bromodichloromethane	0.25	U	1.0	0.25	ug/L			05/20/22 13:22	1
Bromoform	0.59	U	1.0	0.59	ug/L			05/20/22 13:22	1
Bromomethane	3.7	U	5.0	3.7	ug/L			05/20/22 13:22	1
2-Butanone (MEK)	6.4	U	10	6.4	ug/L			05/20/22 13:22	1
Carbon disulfide	0.43	U	2.0	0.43	ug/L			05/20/22 13:22	1
Carbon tetrachloride	0.30	U	1.0	0.30	ug/L			05/20/22 13:22	1
Chlorobenzene	0.15	U	1.0	0.15	ug/L			05/20/22 13:22	1
Chloroethane	4.6	U	5.0	4.6	ug/L			05/20/22 13:22	1
Chloroform	0.27	U	1.0	0.27	ug/L			05/20/22 13:22	1
Chloromethane	0.54	U	1.0	0.54	ug/L			05/20/22 13:22	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			05/20/22 13:22	1
1,2-Dibromo-3-Chloropropane	1.8	U	5.0	1.8	ug/L			05/20/22 13:22	1
1,2-Dibromoethane	0.33	U	1.0	0.33	ug/L			05/20/22 13:22	1
Dibromomethane	0.34	U	1.0	0.34	ug/L			05/20/22 13:22	1
1,2-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/20/22 13:22	1
1,4-Dichlorobenzene	0.31	U	1.0	0.31	ug/L			05/20/22 13:22	1
trans-1,4-Dichloro-2-butene	1.3	U	2.0	1.3	ug/L			05/20/22 13:22	1
1,1-Dichloroethane	0.33	U	1.0	0.33	ug/L			05/20/22 13:22	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			05/20/22 13:22	1
cis-1,2-Dichloroethene	0.25	U	1.0	0.25	ug/L			05/20/22 13:22	1
trans-1,2-Dichloroethene	0.34	U	1.0	0.34	ug/L			05/20/22 13:22	1
1,1-Dichloroethene	0.33	U	1.0	0.33	ug/L			05/20/22 13:22	1
1,2-Dichloropropane	0.22	U	1.0	0.22	ug/L			05/20/22 13:22	1
1,3-Dichloropropane	0.36	U	1.0	0.36	ug/L			05/20/22 13:22	1
cis-1,3-Dichloropropene	0.26	U	1.0	0.26	ug/L			05/20/22 13:22	1
trans-1,3-Dichloropropene	0.23	U	1.0	0.23	ug/L			05/20/22 13:22	1
Ethylbenzene	0.20	U	1.0	0.20	ug/L			05/20/22 13:22	1
2-Hexanone	3.2	U	10	3.2	ug/L			05/20/22 13:22	1
Iodomethane	3.9	U	10	3.9	ug/L			05/20/22 13:22	1
Methylene Chloride	3.2	U	5.0	3.2	ug/L			05/20/22 13:22	1
4-Methyl-2-pentanone (MIBK)	2.7	U	10	2.7	ug/L			05/20/22 13:22	1
Methyl tert-butyl ether	0.81	U	5.0	0.81	ug/L			05/20/22 13:22	1
Styrene	0.27	U	1.0	0.27	ug/L			05/20/22 13:22	1
1,1,1,2-Tetrachloroethane	0.36	U	1.0	0.36	ug/L			05/20/22 13:22	1
1,1,2,2-Tetrachloroethane	0.40	U	1.0	0.40	ug/L			05/20/22 13:22	1
Tetrachloroethylene	0.35	U	0.50	0.35	ug/L			05/20/22 13:22	1
Toluene	0.25	U	1.0	0.25	ug/L			05/20/22 13:22	1
1,1,1-Trichloroethane	0.21	U	1.0	0.21	ug/L			05/20/22 13:22	1
1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L			05/20/22 13:22	1
Trichloroethene	0.20	U	1.0	0.20	ug/L			05/20/22 13:22	1
Trichlorofluoromethane	0.33	U	1.0	0.33	ug/L			05/20/22 13:22	1
1,2,3-Trichloropropane	0.48	U	1.0	0.48	ug/L			05/20/22 13:22	1
Vinyl acetate	0.69	U	2.0	0.69	ug/L			05/20/22 13:22	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			05/20/22 13:22	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 680-721853/9

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.23	U	1.0	0.23	ug/L			05/20/22 13:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	126		70 - 130		05/20/22 13:22	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		05/20/22 13:22	1
Dibromofluoromethane (Surr)	117		70 - 130		05/20/22 13:22	1
4-Bromofluorobenzene (Surr)	94		70 - 130		05/20/22 13:22	1

Lab Sample ID: LCS 680-721853/4

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	274		ug/L		109	67 - 120
Acrylonitrile	500	524		ug/L		105	70 - 130
Benzene	50.0	53.4		ug/L		107	70 - 130
Bromochloromethane	50.0	58.6		ug/L		117	70 - 130
Bromodichloromethane	50.0	49.9		ug/L		100	70 - 130
Bromoform	50.0	54.6		ug/L		109	69 - 129
Bromomethane	50.0	62.6		ug/L		125	28 - 192
2-Butanone (MEK)	250	234		ug/L		93	69 - 120
Carbon disulfide	50.0	54.6		ug/L		109	70 - 130
Carbon tetrachloride	50.0	50.3		ug/L		101	70 - 130
Chlorobenzene	50.0	51.2		ug/L		102	70 - 130
Chloroethane	50.0	63.5		ug/L		127	31 - 213
Chloroform	50.0	54.5		ug/L		109	70 - 130
Chloromethane	50.0	55.8		ug/L		112	59 - 127
Dibromochloromethane	50.0	51.9		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/L		96	70 - 130
1,2-Dibromoethane	50.0	53.6		ug/L		107	70 - 130
Dibromomethane	50.0	52.5		ug/L		105	70 - 130
1,2-Dichlorobenzene	50.0	52.1		ug/L		104	70 - 130
1,4-Dichlorobenzene	50.0	53.1		ug/L		106	70 - 130
trans-1,4-Dichloro-2-butene	50.0	49.4		ug/L		99	67 - 120
1,1-Dichloroethane	50.0	55.9		ug/L		112	70 - 130
1,2-Dichloroethane	50.0	52.9		ug/L		106	70 - 130
cis-1,2-Dichloroethene	50.0	54.5		ug/L		109	70 - 130
trans-1,2-Dichloroethene	50.0	53.8		ug/L		108	70 - 130
1,1-Dichloroethene	50.0	54.9		ug/L		110	70 - 130
1,2-Dichloropropane	50.0	53.2		ug/L		106	70 - 130
1,3-Dichloropropane	50.0	53.6		ug/L		107	70 - 130
cis-1,3-Dichloropropene	50.0	53.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	50.0	53.2		ug/L		106	70 - 130
Ethylbenzene	50.0	55.6		ug/L		111	70 - 130
2-Hexanone	250	258		ug/L		103	70 - 130
Iodomethane	50.0	46.6		ug/L		93	52 - 129
Methylene Chloride	50.0	58.1		ug/L		116	70 - 130
4-Methyl-2-pentanone (MIBK)	250	265		ug/L		106	68 - 120

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 680-721853/4

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	50.0	49.1		ug/L		98	70 - 130
Styrene	50.0	57.5		ug/L		115	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.2		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/L		103	70 - 130
Tetrachloroethylene	50.0	57.9		ug/L		116	70 - 130
Toluene	50.0	55.4		ug/L		111	70 - 130
1,1,1-Trichloroethane	50.0	51.3		ug/L		103	70 - 130
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	70 - 130
Trichloroethene	50.0	55.3		ug/L		111	70 - 130
Trichlorofluoromethane	50.0	49.9		ug/L		100	63 - 142
1,2,3-Trichloropropane	50.0	51.8		ug/L		104	70 - 130
Vinyl acetate	100	88.0		ug/L		88	67 - 135
Vinyl chloride	50.0	50.7		ug/L		101	66 - 129
Xylenes, Total	100	110		ug/L		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	101		60 - 124
Dibromofluoromethane (Surr)	109		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 680-721853/5

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	274		ug/L		110	67 - 120	0	30
Acrylonitrile	500	523		ug/L		105	70 - 130	0	30
Benzene	50.0	52.8		ug/L		106	70 - 130	1	30
Bromochloromethane	50.0	57.1		ug/L		114	70 - 130	3	30
Bromodichloromethane	50.0	49.4		ug/L		99	70 - 130	1	30
Bromoform	50.0	54.3		ug/L		109	69 - 129	0	30
Bromomethane	50.0	62.9		ug/L		126	28 - 192	1	30
2-Butanone (MEK)	250	236		ug/L		95	69 - 120	1	30
Carbon disulfide	50.0	54.0		ug/L		108	70 - 130	1	30
Carbon tetrachloride	50.0	50.6		ug/L		101	70 - 130	0	30
Chlorobenzene	50.0	50.9		ug/L		102	70 - 130	1	30
Chloroethane	50.0	61.5		ug/L		123	31 - 213	3	30
Chloroform	50.0	53.2		ug/L		106	70 - 130	2	30
Chloromethane	50.0	53.6		ug/L		107	59 - 127	4	30
Dibromochloromethane	50.0	50.9		ug/L		102	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	70 - 130	2	30
1,2-Dibromoethane	50.0	53.4		ug/L		107	70 - 130	0	30
Dibromomethane	50.0	51.9		ug/L		104	70 - 130	1	30
1,2-Dichlorobenzene	50.0	52.0		ug/L		104	70 - 130	0	30
1,4-Dichlorobenzene	50.0	52.6		ug/L		105	70 - 130	1	30
trans-1,4-Dichloro-2-butene	50.0	49.0		ug/L		98	67 - 120	1	30
1,1-Dichloroethane	50.0	55.5		ug/L		111	70 - 130	1	30

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 680-721853/5

Matrix: Water

Analysis Batch: 721853

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	52.2		ug/L		104	70 - 130	1	50
cis-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 130	2	30
trans-1,2-Dichloroethene	50.0	52.6		ug/L		105	70 - 130	2	30
1,1-Dichloroethene	50.0	54.6		ug/L		109	70 - 130	0	20
1,2-Dichloropropane	50.0	52.7		ug/L		105	70 - 130	1	20
1,3-Dichloropropane	50.0	53.6		ug/L		107	70 - 130	0	20
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	70 - 130	2	20
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	70 - 130	1	30
Ethylbenzene	50.0	55.7		ug/L		111	70 - 130	0	20
2-Hexanone	250	264		ug/L		106	70 - 130	2	20
Iodomethane	50.0	44.8		ug/L		90	52 - 129	4	30
Methylene Chloride	50.0	56.8		ug/L		114	70 - 130	2	30
4-Methyl-2-pentanone (MIBK)	250	269		ug/L		108	68 - 120	2	30
Methyl tert-butyl ether	50.0	49.9		ug/L		100	70 - 130	2	30
Styrene	50.0	57.1		ug/L		114	70 - 130	1	30
1,1,1,2-Tetrachloroethane	50.0	55.5		ug/L		111	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/L		105	70 - 130	2	30
Tetrachloroethylene	50.0	57.4		ug/L		115	70 - 130	1	30
Toluene	50.0	54.7		ug/L		109	70 - 130	1	30
1,1,1-Trichloroethane	50.0	51.6		ug/L		103	70 - 130	1	30
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	70 - 130	1	30
Trichloroethene	50.0	54.8		ug/L		110	70 - 130	1	30
Trichlorofluoromethane	50.0	50.8	E	ug/L		102	63 - 142	2	30
1,2,3-Trichloropropane	50.0	53.3		ug/L		107	70 - 130	3	30
Vinyl acetate	100	86.5		ug/L		87	67 - 135	2	30
Vinyl chloride	50.0	50.4		ug/L		101	66 - 129	1	30
Xylenes, Total	100	110		ug/L		110	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		60 - 124
Dibromofluoromethane (Surr)	107		70 - 130
4-Bromofluorobenzene (Surr)	93		70 - 130

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 680-721157/8

Matrix: Water

Analysis Batch: 721157

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			05/17/22 12:40	1
Ethene	0.31	U	1.0	0.31	ug/L			05/17/22 12:40	1
Methane	0.57	U	0.58	0.57	ug/L			05/17/22 12:40	1

Eurofins Savannah

QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 680-721157/3

Matrix: Water

Analysis Batch: 721157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane (TCD)	1920	1720		ug/L		90	75 - 125

Lab Sample ID: LCS 680-721157/6

Matrix: Water

Analysis Batch: 721157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	361	351		ug/L		97	75 - 125
Ethene	337	317		ug/L		94	75 - 125
Methane	192	187		ug/L		97	75 - 125

Lab Sample ID: LCSD 680-721157/4

Matrix: Water

Analysis Batch: 721157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)	1920	1860		ug/L		97	75 - 125	8	30

Lab Sample ID: LCSD 680-721157/7

Matrix: Water

Analysis Batch: 721157

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	361	324		ug/L		90	75 - 125	8	30
Ethene	337	296		ug/L		88	75 - 125	7	30
Methane	192	173		ug/L		90	75 - 125	8	30

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-721625/33

Matrix: Water

Analysis Batch: 721625

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			05/19/22 17:17	1

Lab Sample ID: LCS 680-721625/34

Matrix: Water

Analysis Batch: 721625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	87 - 111

Lab Sample ID: LCSD 680-721625/35

Matrix: Water

Analysis Batch: 721625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	87 - 111	0	15

Eurofins Savannah

QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-215350-14 MS

Matrix: Water

Analysis Batch: 721625

Client Sample ID: PPMP-66-MW23R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.3		10.0	12.7		mg/L		105	87 - 111

Lab Sample ID: 680-215350-14 MSD

Matrix: Water

Analysis Batch: 721625

Client Sample ID: PPMP-66-MW23R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.3		10.0	12.8		mg/L		105	87 - 111	1	15

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-721866/2

Matrix: Water

Analysis Batch: 721866

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			05/19/22 18:14	1
Total Organic Carbon - Quad	0.50	U	1.0	0.50	mg/L			05/19/22 18:14	1

Lab Sample ID: LCS 680-721866/3

Matrix: Water

Analysis Batch: 721866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	18.8		mg/L		94	80 - 120
Total Organic Carbon - Quad	20.0	18.8		mg/L		94	80 - 120
TOC Result 1	20.0	18.6		mg/L		93	80 - 120
TOC Result 2	20.0	18.6		mg/L		93	80 - 120
TOC Result 3	20.0	18.8		mg/L		94	80 - 120
TOC Result 4	20.0	19.0		mg/L		95	80 - 120

Lab Sample ID: LCSD 680-721866/4

Matrix: Water

Analysis Batch: 721866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	20.0	18.7		mg/L		94	80 - 120	0	25
Total Organic Carbon - Quad	20.0	18.7		mg/L		94	80 - 120	0	25
TOC Result 1	20.0	18.6		mg/L		93	80 - 120	0	25
TOC Result 2	20.0	18.8		mg/L		94	80 - 120	1	25
TOC Result 3	20.0	18.8		mg/L		94	80 - 120	0	25
TOC Result 4	20.0	18.8		mg/L		94	80 - 120	1	25

Lab Sample ID: 680-215350-17 MS

Matrix: Water

Analysis Batch: 721866

Client Sample ID: PPMP-66-MW06R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	2.1		20.0	21.6		mg/L		98	80 - 120
Total Organic Carbon - Quad	2.1		20.0	21.6		mg/L		98	80 - 120

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 680-215350-17 MS

Matrix: Water

Analysis Batch: 721866

Client Sample ID: PPMP-66-MW06R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TOC Result 1	2.0		20.0	21.7		mg/L		98	80 - 120
TOC Result 2	2.1		20.0	21.5		mg/L		97	80 - 120
TOC Result 3	2.1		20.0	21.6		mg/L		98	80 - 120
TOC Result 4	2.1		20.0	21.7		mg/L		98	80 - 120

Lab Sample ID: 680-215350-17 MSD

Matrix: Water

Analysis Batch: 721866

Client Sample ID: PPMP-66-MW06R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	2.1		20.0	21.8		mg/L		98	80 - 120	1	25
Total Organic Carbon - Quad	2.1		20.0	21.8		mg/L		98	80 - 120	1	25
TOC Result 1	2.0		20.0	21.7		mg/L		98	80 - 120	0	25
TOC Result 2	2.1		20.0	21.4		mg/L		97	80 - 120	0	25
TOC Result 3	2.1		20.0	22.1		mg/L		100	80 - 120	2	25
TOC Result 4	2.1		20.0	21.8		mg/L		99	80 - 120	1	25

QC Association Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

GC/MS VOA

Analysis Batch: 721570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-9	DUP394	Total/NA	Water	8260D	
680-215350-10	TB597	Total/NA	Water	8260D	
680-215350-11	PPMP-66-MW22	Total/NA	Water	8260D	
680-215350-12	PPMP-66-MW16	Total/NA	Water	8260D	
680-215350-13	PPMP-66-MW08	Total/NA	Water	8260D	
680-215350-14	PPMP-66-MW23R	Total/NA	Water	8260D	
680-215350-15	PPMP-66-MW02RR	Total/NA	Water	8260D	
680-215350-16	PPMP-66-MW24R	Total/NA	Water	8260D	
680-215350-17	PPMP-66-MW06R	Total/NA	Water	8260D	
680-215350-18	DUP393	Total/NA	Water	8260D	
680-215350-19	EB142	Total/NA	Water	8260D	
680-215350-20	MATERIAL111	Total/NA	Water	8260D	
MB 680-721570/9	Method Blank	Total/NA	Water	8260D	
LCS 680-721570/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-721570/5	Lab Control Sample Dup	Total/NA	Water	8260D	
680-215350-16 MS	PPMP-66-MW24R	Total/NA	Water	8260D	
680-215350-16 MSD	PPMP-66-MW24R	Total/NA	Water	8260D	

Analysis Batch: 721574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-1	PPMP-66-MW04	Total/NA	Water	8260D	
680-215350-2	PPMP-66-MW11	Total/NA	Water	8260D	
680-215350-3	PPMP-66-MW07	Total/NA	Water	8260D	
680-215350-4	PPMP-66-MW13	Total/NA	Water	8260D	
680-215350-5	PPMP-66-MW14	Total/NA	Water	8260D	
680-215350-6	PPMP-66-MW17	Total/NA	Water	8260D	
680-215350-7	PPMP-66-MW18R	Total/NA	Water	8260D	
680-215350-8	PPMP-66-MW01	Total/NA	Water	8260D	
MB 680-721574/10	Method Blank	Total/NA	Water	8260D	
LCS 680-721574/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-721574/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 721853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-19	EB142	Total/NA	Water	8260D	
MB 680-721853/9	Method Blank	Total/NA	Water	8260D	
LCS 680-721853/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 680-721853/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 721157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-14	PPMP-66-MW23R	Total/NA	Water	RSK-175	
680-215350-15	PPMP-66-MW02RR	Total/NA	Water	RSK-175	
680-215350-17	PPMP-66-MW06R	Total/NA	Water	RSK-175	
680-215350-18	DUP393	Total/NA	Water	RSK-175	
MB 680-721157/8	Method Blank	Total/NA	Water	RSK-175	
LCS 680-721157/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-721157/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 680-721157/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	

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QC Association Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

GC VOA (Continued)

Analysis Batch: 721157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-721157/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

HPLC/IC

Analysis Batch: 721625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-14	PPMP-66-MW23R	Total/NA	Water	9056A	
MB 680-721625/33	Method Blank	Total/NA	Water	9056A	
LCS 680-721625/34	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-721625/35	Lab Control Sample Dup	Total/NA	Water	9056A	
680-215350-14 MS	PPMP-66-MW23R	Total/NA	Water	9056A	
680-215350-14 MSD	PPMP-66-MW23R	Total/NA	Water	9056A	

General Chemistry

Analysis Batch: 721866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-215350-14	PPMP-66-MW23R	Total/NA	Water	9060A	
680-215350-15	PPMP-66-MW02RR	Total/NA	Water	9060A	
680-215350-17	PPMP-66-MW06R	Total/NA	Water	9060A	
680-215350-18	DUP393	Total/NA	Water	9060A	
MB 680-721866/2	Method Blank	Total/NA	Water	9060A	
LCS 680-721866/3	Lab Control Sample	Total/NA	Water	9060A	
LCSD 680-721866/4	Lab Control Sample Dup	Total/NA	Water	9060A	
680-215350-17 MS	PPMP-66-MW06R	Total/NA	Water	9060A	
680-215350-17 MSD	PPMP-66-MW06R	Total/NA	Water	9060A	

Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-215350-1

Date Collected: 05/09/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 20:06	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-215350-2

Date Collected: 05/09/22 10:25

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 20:30	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-215350-3

Date Collected: 05/09/22 11:45

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 20:54	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-215350-4

Date Collected: 05/09/22 12:55

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 21:17	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-215350-5

Date Collected: 05/09/22 16:50

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 21:41	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-215350-6

Date Collected: 05/09/22 15:55

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 22:04	P1C	TAL SAV
Instrument ID: CMSO2										

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Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-215350-7

Date Collected: 05/09/22 14:40

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 22:28	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-215350-8

Date Collected: 05/09/22 18:05

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721574	05/19/22 22:51	P1C	TAL SAV
Instrument ID: CMSO2										

Client Sample ID: DUP394

Lab Sample ID: 680-215350-9

Date Collected: 05/09/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 16:31	SMP	TAL SAV
Instrument ID: CMSC										

Client Sample ID: TB597

Lab Sample ID: 680-215350-10

Date Collected: 05/11/22 11:15

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 15:32	SMP	TAL SAV
Instrument ID: CMSC										

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-215350-11

Date Collected: 05/10/22 09:05

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 16:52	SMP	TAL SAV
Instrument ID: CMSC										

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-215350-12

Date Collected: 05/10/22 10:15

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 17:11	SMP	TAL SAV
Instrument ID: CMSC										

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Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-215350-13

Date Collected: 05/10/22 11:25

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 17:30	SMP	TAL SAV
Instrument ID: CMSC										

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-215350-14

Date Collected: 05/10/22 14:30

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 17:50	SMP	TAL SAV
Instrument ID: CMSC										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	721157	05/17/22 19:07	JCK	TAL SAV
Instrument ID: CVGU										
Total/NA	Analysis	9056A		1	5 mL	5 mL	721625	05/19/22 20:52	UI	TAL SAV
Instrument ID: CICK										
Total/NA	Analysis	9060A		1	40 mL	40 mL	721866	05/19/22 22:49	JU	TAL SAV
Instrument ID: TOC7										

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-215350-15

Date Collected: 05/10/22 13:15

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 18:09	SMP	TAL SAV
Instrument ID: CMSC										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	721157	05/17/22 19:20	JCK	TAL SAV
Instrument ID: CVGU										
Total/NA	Analysis	9060A		1	40 mL	40 mL	721866	05/19/22 23:13	JU	TAL SAV
Instrument ID: TOC7										

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-215350-16

Date Collected: 05/10/22 15:50

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 20:04	SMP	TAL SAV
Instrument ID: CMSC										

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-215350-17

Date Collected: 05/10/22 17:15

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 18:28	SMP	TAL SAV
Instrument ID: CMSC										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	721157	05/17/22 19:33	JCK	TAL SAV
Instrument ID: CVGU										

Eurofins Savannah

Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-215350-17

Date Collected: 05/10/22 17:15

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	40 mL	40 mL	721866	05/19/22 19:36	JU	TAL SAV

Client Sample ID: DUP393

Lab Sample ID: 680-215350-18

Date Collected: 05/10/22 00:00

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 18:47	SMP	TAL SAV
Instrument ID: CMSC										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	721157	05/17/22 19:45	JCK	TAL SAV
Instrument ID: CVGU										
Total/NA	Analysis	9060A		1	40 mL	40 mL	721866	05/19/22 23:38	JU	TAL SAV
Instrument ID: TOC7										

Client Sample ID: EB142

Lab Sample ID: 680-215350-19

Date Collected: 05/11/22 11:00

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 15:53	SMP	TAL SAV
Instrument ID: CMSC										
Total/NA	Analysis	8260D		1	5 mL	5 mL	721853	05/20/22 13:56	Y1S	TAL SAV
Instrument ID: CMSC										

Client Sample ID: MATERIAL111

Lab Sample ID: 680-215350-20

Date Collected: 05/11/22 11:10

Matrix: Water

Date Received: 05/12/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	721570	05/19/22 19:06	SMP	TAL SAV
Instrument ID: CMSC										

Laboratory References:

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-215350-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-22

1

2

3

4

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11

12

Method Summary

Client: Matrix Environmental Services, LLC

Job ID: 680-215350-1

Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL SAV
RSK-175	Dissolved Gases (GC)	RSK	TAL SAV
9056A	Anions, Ion Chromatography	SW846	TAL SAV
9060A	Organic Carbon, Total (TOC)	SW846	TAL SAV
5030C	Purge and Trap	SW846	TAL SAV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique , RSKSOP-175,

Rev. 0, 8/11/94, USEPA Research Lab

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

Laboratory Eurofins
 Lab Contact Noel Savoie and Beth Daughtry
 MES Contact Betty Van Pelt
 MES Phone 801-699-1246
 Project Parcel 66(7), Fmr Small Weapons Repair Shop
 Task # 21 094.22-22 1

COC Number 6613
 Cooler ID 1 of 1
 Page 1 of 2

Samplers Signature	SWMU	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis				
									SW826D - VOC* 3-40 mL vials, HCl	RSK-175 -M,E,F 3-40 mL vials, HCl	TOC - SW9060 3-40 mL amber VOA H2SO4	SW9056 - Chloride 1- mL Poly None	SW8260B - VOC* TB 2-40 mL vials, HCl
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW04	NS	MW	WQ	G	5-9-2022	0905	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW11	NS	MW	WQ	G	5-9-2022	1025	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW07	NS	MW	WQ	G	5-9-2022	1145	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW13	NS	MW	WQ	G	5-9-2022	1255	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW14	NS	MW	WQ	G	5-9-2022	1650	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW17	NS	MW	WQ	G	5-9-2022	1555	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW18R	NS	MW	WQ	G	5-9-2022	1440	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW01	NS	MW	WQ	G	5-9-2022	1805	X				
	McClellan Field QC	DUP394	FD	WQ	W	G	5-9-2022	N/A	X				
	McClellan Field QC	TB597	TB	WQ	W	G	5-11-2022	1115					X

Double the number of bottles for MS/MSD

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water
 Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
 White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Relinquished by (Signature):

Date/Time: 5-11-2022 / 1500

Relinquished by (Signature):

Date/Time:

Received by (Signature):

Date/Time: 5-11-2022 / 1500

Received by (Signature):

Date/Time:

5-12-22 1030

1.6/10

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

Laboratory Eurofins
 Lab Contact Noel Savoie and Beth Daughtry
 MES Contact Betty Van Pelt
 MES Phone 801-699-1246
 Project Parcel 66(7), Fmr Small Weapons Repair Shop
 Task # 21 094.22-22 1

COC Number 6613
 Cooler ID 1 of 1
 Page 2 of 2

Samplers Signature	SWMU	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	SW8260D - VOC* 3-40 mL vials, HCl	RSK-175 -M,E,F 3-40 mL vials, HCl	TOC - SW9060 (3) 40 mL amber VOA H2SO4	SW9056 - Chloride 1- mL Poly None	SW8260B - VOC* TB 2-40 mL vials, HCl
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW22	NS	MW	WQ	G	5-10-2022	0905	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW16	NS	MW	WQ	G	5-10-2022	1015	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW08	NS	MW	WQ	G	5-10-2022	1125	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW23R	NS	MW	WQ	G	5-10-2022	1430	X	X	X	X	
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW02RR	NS	MW	WQ	G	5-10-2022	1315	X	X	X		
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW24R	NS	MW	WQ	G	5-10-2022	1550	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW24R	MS/MSD	MW	WQ	G	5-10-2022	1550	X				
	Parcel 66(7), Fmr Small Weapons Repair Shop	PPMP-66-MW06R	NS	MW	WQ	G	5-10-2022	1715	X	X	X		
	McClellan Field QC	IDUP393	FD	WQ	W	G	5-10-2022	N/A	X	X	X		
	McClellan Field QC	EB142	EB	WQ	W	G	5-11-2022	1100	X				
	McClellan Field QC	MATERIAL111	Material Blank	WQ	W	G	5-11-2022	1110	X				

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water
 Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
 White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Relinquished by (Signature): 

Date/Time: 5-11-2022/1500

Received by (Signature): 

Fedex

Relinquished by (Signature): 

Date/Time:

Received by (Signature): 

5 12 22 1030

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-215350-1

Login Number: 215350

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Betty Van Pelt
Matrix Environmental Services, LLC
707 17th Street
Suite 3150
Denver Colorado 80202

Generated 11/22/2022 11:07:33 AM

JOB DESCRIPTION

Parcel 66(7), Fmr Small Weapons Repair Shop

JOB NUMBER

680-224247-1

Definitions/Glossary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-224247-1	PPMP-66-MW04	Water	10/25/22 09:06	10/27/22 10:30
680-224247-2	PPMP-66-MW11	Water	10/25/22 10:06	10/27/22 10:30
680-224247-3	PPMP-66-MW07	Water	10/25/22 13:11	10/27/22 10:30
680-224247-4	PPMP-66-MW13	Water	10/25/22 12:01	10/27/22 10:30
680-224247-5	PPMP-66-MW14	Water	10/25/22 10:40	10/27/22 10:30
680-224247-6	PPMP-66-MW17	Water	10/25/22 11:45	10/27/22 10:30
680-224247-7	PPMP-66-MW18R	Water	10/25/22 13:00	10/27/22 10:30
680-224247-8	PPMP-66-MW01	Water	10/25/22 09:00	10/27/22 10:30
680-224247-9	DUP404	Water	10/25/22 00:00	10/27/22 10:30
680-224247-10	TB604	Water	10/26/22 14:06	10/27/22 10:30
680-224247-11	PPMP-66-MW22	Water	10/26/22 09:41	10/27/22 10:30
680-224247-12	PPMP-66-MW16	Water	10/26/22 10:51	10/27/22 10:30
680-224247-13	PPMP-66-MW08	Water	10/26/22 13:45	10/27/22 10:30
680-224247-14	PPMP-66-MW23R	Water	10/26/22 11:45	10/27/22 10:30
680-224247-15	PPMP-66-MW02RR	Water	10/26/22 12:01	10/27/22 10:30
680-224247-16	PPMP-66-MW24R	Water	10/26/22 10:10	10/27/22 10:30
680-224247-17	PPMP-66-MW06R	Water	10/26/22 08:45	10/27/22 10:30
680-224247-18	DUP403	Water	10/26/22 00:00	10/27/22 10:30
680-224247-19	EB144	Water	10/26/22 13:23	10/27/22 10:30
680-224247-20	MATERIAL113	Water	10/26/22 13:04	10/27/22 10:30

Case Narrative

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Job ID: 680-224247-1

Laboratory: Eurofins Savannah

Narrative

Job Narrative 680-224247-1

Receipt

The samples were received on 10/27/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-75953 recovered above the upper control limit for Iodomethane and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-75953/2).

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 860-75953 recovered outside control limits for the following analyte: Iodomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike duplicate (MSD) recoveries for analytical batch 860-75953 were outside advisory control limits for Iodomethane. The matrix spike (MS) passed QC criteria.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-75998 recovered above the upper control limit for Iodomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-75998/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-224247-1

Date Collected: 10/25/22 09:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/02/22 23:58	1
Acrylonitrile	14	U	50	14	ug/L			11/02/22 23:58	1
Benzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:58	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/02/22 23:58	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/02/22 23:58	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/02/22 23:58	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/02/22 23:58	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/02/22 23:58	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/02/22 23:58	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/02/22 23:58	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:58	1
Chloroethane	2.0	U	10	2.0	ug/L			11/02/22 23:58	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/02/22 23:58	1
Chloromethane	2.0	U	10	2.0	ug/L			11/02/22 23:58	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/02/22 23:58	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/02/22 23:58	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/02/22 23:58	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/02/22 23:58	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/02/22 23:58	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/02/22 23:58	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:58	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:58	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:58	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/02/22 23:58	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/02/22 23:58	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/02/22 23:58	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/02/22 23:58	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/02/22 23:58	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/02/22 23:58	1
Iodomethane	6.5	U **	20	6.5	ug/L			11/02/22 23:58	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/02/22 23:58	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/02/22 23:58	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/02/22 23:58	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/02/22 23:58	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/02/22 23:58	1
Styrene	0.66	U	1.0	0.66	ug/L			11/02/22 23:58	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:58	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/02/22 23:58	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/02/22 23:58	1
Toluene	0.48	U	1.0	0.48	ug/L			11/02/22 23:58	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/02/22 23:58	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/02/22 23:58	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/02/22 23:58	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/02/22 23:58	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/02/22 23:58	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/02/22 23:58	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:58	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/02/22 23:58	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/02/22 23:58	1

Eurofins Savannah

Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-224247-1

Date Collected: 10/25/22 09:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/02/22 23:58	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/02/22 23:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 117					11/02/22 23:58	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144					11/02/22 23:58	1
Dibromofluoromethane (Surr)	97		75 - 131					11/02/22 23:58	1
4-Bromofluorobenzene (Surr)	100		74 - 124					11/02/22 23:58	1

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-224247-2

Date Collected: 10/25/22 10:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 00:18	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 00:18	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 00:18	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 00:18	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 00:18	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 00:18	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 00:18	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 00:18	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 00:18	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 00:18	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 00:18	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 00:18	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 00:18	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 00:18	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 00:18	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 00:18	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 00:18	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 00:18	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 00:18	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 00:18	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 00:18	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 00:18	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:18	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 00:18	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 00:18	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 00:18	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 00:18	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 00:18	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 00:18	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 00:18	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 00:18	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 00:18	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 00:18	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 00:18	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 00:18	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-224247-2

Date Collected: 10/25/22 10:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 00:18	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:18	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 00:18	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 00:18	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 00:18	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 00:18	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 00:18	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 00:18	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 00:18	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 00:18	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 00:18	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:18	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 00:18	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 00:18	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 00:18	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 117		11/03/22 00:18	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/03/22 00:18	1
Dibromofluoromethane (Surr)	96		75 - 131		11/03/22 00:18	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/03/22 00:18	1

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-224247-3

Date Collected: 10/25/22 13:11

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 00:39	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 00:39	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 00:39	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 00:39	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 00:39	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 00:39	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 00:39	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 00:39	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 00:39	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 00:39	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 00:39	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 00:39	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 00:39	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 00:39	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 00:39	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 00:39	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 00:39	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 00:39	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 00:39	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 00:39	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 00:39	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-224247-3

Date Collected: 10/25/22 13:11

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 00:39	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:39	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 00:39	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 00:39	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 00:39	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 00:39	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 00:39	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 00:39	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 00:39	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 00:39	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 00:39	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 00:39	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 00:39	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 00:39	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 00:39	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:39	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 00:39	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 00:39	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 00:39	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 00:39	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 00:39	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 00:39	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 00:39	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 00:39	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 00:39	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 00:39	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 00:39	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 00:39	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 00:39	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 117		11/03/22 00:39	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/03/22 00:39	1
Dibromofluoromethane (Surr)	98		75 - 131		11/03/22 00:39	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/03/22 00:39	1

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-224247-4

Date Collected: 10/25/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 01:00	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 01:00	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:00	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 01:00	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 01:00	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 01:00	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 01:00	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-224247-4

Date Collected: 10/25/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 01:00	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 01:00	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 01:00	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:00	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 01:00	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 01:00	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 01:00	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 01:00	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 01:00	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 01:00	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 01:00	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 01:00	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 01:00	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:00	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:00	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:00	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 01:00	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 01:00	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 01:00	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 01:00	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 01:00	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 01:00	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 01:00	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 01:00	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 01:00	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 01:00	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 01:00	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 01:00	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 01:00	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:00	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 01:00	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 01:00	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 01:00	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 01:00	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 01:00	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 01:00	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 01:00	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 01:00	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 01:00	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:00	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 01:00	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 01:00	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 01:00	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 117		11/03/22 01:00	1
1,2-Dichloroethane-d4 (Surr)	100		63 - 144		11/03/22 01:00	1
Dibromofluoromethane (Surr)	97		75 - 131		11/03/22 01:00	1
4-Bromofluorobenzene (Surr)	104		74 - 124		11/03/22 01:00	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-224247-5

Date Collected: 10/25/22 10:40

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 01:20	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 01:20	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:20	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 01:20	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 01:20	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 01:20	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 01:20	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 01:20	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 01:20	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 01:20	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:20	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 01:20	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 01:20	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 01:20	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 01:20	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 01:20	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 01:20	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 01:20	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 01:20	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 01:20	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:20	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:20	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:20	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 01:20	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 01:20	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 01:20	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 01:20	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 01:20	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 01:20	1
Iodomethane	6.5	U **	20	6.5	ug/L			11/03/22 01:20	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 01:20	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 01:20	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 01:20	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 01:20	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 01:20	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 01:20	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:20	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 01:20	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 01:20	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 01:20	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 01:20	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 01:20	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 01:20	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 01:20	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 01:20	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 01:20	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:20	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 01:20	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 01:20	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-224247-5

Date Collected: 10/25/22 10:40

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 01:20	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 117					11/03/22 01:20	1
1,2-Dichloroethane-d4 (Surr)	102		63 - 144					11/03/22 01:20	1
Dibromofluoromethane (Surr)	98		75 - 131					11/03/22 01:20	1
4-Bromofluorobenzene (Surr)	101		74 - 124					11/03/22 01:20	1

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-224247-6

Date Collected: 10/25/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 01:41	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 01:41	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:41	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 01:41	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 01:41	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 01:41	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 01:41	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 01:41	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 01:41	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 01:41	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 01:41	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 01:41	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 01:41	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 01:41	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 01:41	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 01:41	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 01:41	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 01:41	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 01:41	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 01:41	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:41	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 01:41	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:41	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 01:41	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 01:41	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 01:41	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 01:41	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 01:41	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 01:41	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 01:41	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 01:41	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 01:41	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 01:41	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 01:41	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 01:41	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-224247-6

Date Collected: 10/25/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 01:41	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:41	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 01:41	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 01:41	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 01:41	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 01:41	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 01:41	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 01:41	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 01:41	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 01:41	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 01:41	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 01:41	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 01:41	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 01:41	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 01:41	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 117		11/03/22 01:41	1
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		11/03/22 01:41	1
Dibromofluoromethane (Surr)	98		75 - 131		11/03/22 01:41	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/03/22 01:41	1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-224247-7

Date Collected: 10/25/22 13:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 02:01	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 02:01	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:01	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 02:01	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 02:01	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 02:01	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 02:01	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 02:01	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 02:01	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 02:01	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:01	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 02:01	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 02:01	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 02:01	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 02:01	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 02:01	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 02:01	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 02:01	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 02:01	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 02:01	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:01	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-224247-7

Date Collected: 10/25/22 13:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:01	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:01	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 02:01	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 02:01	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 02:01	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 02:01	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 02:01	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 02:01	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 02:01	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 02:01	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 02:01	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 02:01	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 02:01	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 02:01	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 02:01	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:01	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 02:01	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 02:01	1
Toluene	1.2		1.0	0.48	ug/L			11/03/22 02:01	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 02:01	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 02:01	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 02:01	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 02:01	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 02:01	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 02:01	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:01	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 02:01	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 02:01	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 02:01	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	117		80 - 117		11/03/22 02:01	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/03/22 02:01	1
Dibromofluoromethane (Surr)	97		75 - 131		11/03/22 02:01	1
4-Bromofluorobenzene (Surr)	100		74 - 124		11/03/22 02:01	1

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-224247-8

Date Collected: 10/25/22 09:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 02:22	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 02:22	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:22	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 02:22	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 02:22	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 02:22	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 02:22	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-224247-8

Date Collected: 10/25/22 09:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 02:22	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 02:22	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 02:22	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:22	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 02:22	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 02:22	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 02:22	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 02:22	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 02:22	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 02:22	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 02:22	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 02:22	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 02:22	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:22	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:22	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:22	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 02:22	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 02:22	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 02:22	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 02:22	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 02:22	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 02:22	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 02:22	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 02:22	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 02:22	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 02:22	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 02:22	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 02:22	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 02:22	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:22	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 02:22	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 02:22	1
Toluene	0.73	J	1.0	0.48	ug/L			11/03/22 02:22	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 02:22	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 02:22	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 02:22	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 02:22	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 02:22	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 02:22	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:22	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 02:22	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 02:22	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 02:22	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 117		11/03/22 02:22	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/03/22 02:22	1
Dibromofluoromethane (Surr)	97		75 - 131		11/03/22 02:22	1
4-Bromofluorobenzene (Surr)	100		74 - 124		11/03/22 02:22	1

Eurofins Savannah

Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: DUP404

Lab Sample ID: 680-224247-9

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 02:42	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 02:42	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:42	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 02:42	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 02:42	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 02:42	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 02:42	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 02:42	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 02:42	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 02:42	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 02:42	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 02:42	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 02:42	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 02:42	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 02:42	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 02:42	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 02:42	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 02:42	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 02:42	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 02:42	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:42	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 02:42	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:42	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 02:42	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 02:42	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 02:42	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 02:42	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 02:42	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 02:42	1
Iodomethane	6.5	U **	20	6.5	ug/L			11/03/22 02:42	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 02:42	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 02:42	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 02:42	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 02:42	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 02:42	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 02:42	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:42	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 02:42	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 02:42	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 02:42	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 02:42	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 02:42	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 02:42	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 02:42	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 02:42	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 02:42	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 02:42	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 02:42	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 02:42	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: DUP404

Lab Sample ID: 680-224247-9

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 02:42	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	115		80 - 117					11/03/22 02:42	1
1,2-Dichloroethane-d4 (Surr)	103		63 - 144					11/03/22 02:42	1
Dibromofluoromethane (Surr)	98		75 - 131					11/03/22 02:42	1
4-Bromofluorobenzene (Surr)	101		74 - 124					11/03/22 02:42	1

Client Sample ID: TB604

Lab Sample ID: 680-224247-10

Date Collected: 10/26/22 14:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/02/22 22:56	1
Acrylonitrile	14	U	50	14	ug/L			11/02/22 22:56	1
Benzene	0.53	U	1.0	0.53	ug/L			11/02/22 22:56	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/02/22 22:56	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/02/22 22:56	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/02/22 22:56	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/02/22 22:56	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/02/22 22:56	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/02/22 22:56	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/02/22 22:56	1
Chloroethane	2.0	U	10	2.0	ug/L			11/02/22 22:56	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/02/22 22:56	1
Chloromethane	2.0	U	10	2.0	ug/L			11/02/22 22:56	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/02/22 22:56	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/02/22 22:56	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/02/22 22:56	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/02/22 22:56	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/02/22 22:56	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/02/22 22:56	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 22:56	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 22:56	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:56	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/02/22 22:56	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/02/22 22:56	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/02/22 22:56	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/02/22 22:56	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/02/22 22:56	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/02/22 22:56	1
Iodomethane	6.5	U *	20	6.5	ug/L			11/02/22 22:56	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/02/22 22:56	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/02/22 22:56	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/02/22 22:56	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/02/22 22:56	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/02/22 22:56	1
Styrene	0.66	U	1.0	0.66	ug/L			11/02/22 22:56	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: TB604

Lab Sample ID: 680-224247-10

Date Collected: 10/26/22 14:06

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:56	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/02/22 22:56	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/02/22 22:56	1
Toluene	0.48	U	1.0	0.48	ug/L			11/02/22 22:56	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/02/22 22:56	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/02/22 22:56	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/02/22 22:56	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/02/22 22:56	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/02/22 22:56	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/02/22 22:56	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:56	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/02/22 22:56	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/02/22 22:56	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/02/22 22:56	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/02/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 117		11/02/22 22:56	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/02/22 22:56	1
Dibromofluoromethane (Surr)	96		75 - 131		11/02/22 22:56	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/02/22 22:56	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	10	J	50	8.3	ug/L			11/04/22 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 117		11/04/22 15:29	1
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		11/04/22 15:29	1
Dibromofluoromethane (Surr)	98		75 - 131		11/04/22 15:29	1
4-Bromofluorobenzene (Surr)	104		74 - 124		11/04/22 15:29	1

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-224247-11

Date Collected: 10/26/22 09:41

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 03:03	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 03:03	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:03	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 03:03	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 03:03	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 03:03	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 03:03	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 03:03	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 03:03	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 03:03	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:03	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 03:03	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 03:03	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-224247-11

Date Collected: 10/26/22 09:41

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 03:03	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 03:03	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 03:03	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 03:03	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 03:03	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 03:03	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 03:03	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:03	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:03	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:03	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 03:03	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 03:03	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 03:03	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 03:03	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 03:03	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 03:03	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 03:03	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 03:03	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 03:03	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 03:03	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 03:03	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 03:03	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 03:03	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:03	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 03:03	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 03:03	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 03:03	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 03:03	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 03:03	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 03:03	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 03:03	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 03:03	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 03:03	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:03	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 03:03	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 03:03	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 03:03	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 117		11/03/22 03:03	1
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		11/03/22 03:03	1
Dibromofluoromethane (Surr)	98		75 - 131		11/03/22 03:03	1
4-Bromofluorobenzene (Surr)	99		74 - 124		11/03/22 03:03	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-224247-12

Date Collected: 10/26/22 10:51

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 03:23	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 03:23	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:23	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 03:23	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 03:23	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 03:23	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 03:23	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 03:23	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 03:23	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 03:23	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:23	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 03:23	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 03:23	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 03:23	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 03:23	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 03:23	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 03:23	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 03:23	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 03:23	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 03:23	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:23	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:23	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:23	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 03:23	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 03:23	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 03:23	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 03:23	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 03:23	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 03:23	1
Iodomethane	6.5	U **	20	6.5	ug/L			11/03/22 03:23	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 03:23	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 03:23	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 03:23	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 03:23	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 03:23	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 03:23	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:23	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 03:23	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 03:23	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 03:23	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 03:23	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 03:23	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 03:23	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 03:23	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 03:23	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 03:23	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:23	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 03:23	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 03:23	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-224247-12

Date Collected: 10/26/22 10:51

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 03:23	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	113		80 - 117					11/03/22 03:23	1
1,2-Dichloroethane-d4 (Surr)	85		63 - 144					11/03/22 03:23	1
Dibromofluoromethane (Surr)	99		75 - 131					11/03/22 03:23	1
4-Bromofluorobenzene (Surr)	104		74 - 124					11/03/22 03:23	1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-224247-13

Date Collected: 10/26/22 13:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 03:44	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 03:44	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:44	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 03:44	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 03:44	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 03:44	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 03:44	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 03:44	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 03:44	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 03:44	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 03:44	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 03:44	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 03:44	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 03:44	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 03:44	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 03:44	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 03:44	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 03:44	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 03:44	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 03:44	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:44	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 03:44	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:44	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 03:44	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 03:44	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 03:44	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 03:44	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 03:44	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 03:44	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 03:44	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 03:44	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 03:44	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 03:44	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 03:44	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 03:44	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-224247-13

Date Collected: 10/26/22 13:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 03:44	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:44	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 03:44	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 03:44	1
Toluene	0.58	J	1.0	0.48	ug/L			11/03/22 03:44	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 03:44	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 03:44	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 03:44	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 03:44	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 03:44	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 03:44	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 03:44	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 03:44	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 03:44	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 03:44	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		80 - 117		11/03/22 03:44	1
1,2-Dichloroethane-d4 (Surr)	85		63 - 144		11/03/22 03:44	1
Dibromofluoromethane (Surr)	98		75 - 131		11/03/22 03:44	1
4-Bromofluorobenzene (Surr)	96		74 - 124		11/03/22 03:44	1

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-224247-14

Date Collected: 10/26/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 04:04	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 04:04	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 04:04	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 04:04	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 04:04	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 04:04	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 04:04	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 04:04	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 04:04	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 04:04	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 04:04	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 04:04	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 04:04	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 04:04	1
cis-1,2-Dichloroethene	52		1.0	0.71	ug/L			11/03/22 04:04	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 04:04	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 04:04	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 04:04	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 04:04	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 04:04	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 04:04	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-224247-14

Date Collected: 10/26/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 04:04	1
1,1-Dichloroethane	1.1		1.0	0.64	ug/L			11/03/22 04:04	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 04:04	1
1,1-Dichloroethene	2.4		1.0	0.74	ug/L			11/03/22 04:04	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 04:04	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 04:04	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 04:04	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 04:04	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/03/22 04:04	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 04:04	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 04:04	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 04:04	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 04:04	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 04:04	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 04:04	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 04:04	1
1,1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 04:04	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 04:04	1
Toluene	1.2		1.0	0.48	ug/L			11/03/22 04:04	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 04:04	1
trans-1,2-Dichloroethene	47		1.0	0.95	ug/L			11/03/22 04:04	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 04:04	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 04:04	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 04:04	1
Trichloroethene	150		5.0	0.79	ug/L			11/03/22 04:04	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 04:04	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 04:04	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 04:04	1
Vinyl chloride	10		2.0	0.64	ug/L			11/03/22 04:04	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		80 - 117		11/03/22 04:04	1
1,2-Dichloroethane-d4 (Surr)	94		63 - 144		11/03/22 04:04	1
Dibromofluoromethane (Surr)	98		75 - 131		11/03/22 04:04	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/03/22 04:04	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.90	J	1.1	0.30	ug/L			11/07/22 17:35	1
Ethene	1.8		1.0	0.31	ug/L			11/07/22 17:35	1
Methane	64		0.58	0.57	ug/L			11/07/22 17:35	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		0.50	0.20	mg/L			11/16/22 21:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	6.7		1.0	0.50	mg/L			11/05/22 22:39	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-224247-15

Date Collected: 10/26/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 16:09	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 16:09	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 16:09	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 16:09	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 16:09	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 16:09	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 16:09	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 16:09	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 16:09	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 16:09	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 16:09	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 16:09	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 16:09	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 16:09	1
cis-1,2-Dichloroethene	10		1.0	0.71	ug/L			11/03/22 16:09	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 16:09	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 16:09	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 16:09	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 16:09	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 16:09	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 16:09	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 16:09	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:09	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 16:09	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 16:09	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 16:09	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 16:09	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 16:09	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 16:09	1
Iodomethane	6.5	U	20	6.5	ug/L			11/03/22 16:09	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 16:09	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 16:09	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 16:09	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 16:09	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 16:09	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 16:09	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:09	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 16:09	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 16:09	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 16:09	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 16:09	1
trans-1,2-Dichloroethene	2.6		1.0	0.95	ug/L			11/03/22 16:09	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 16:09	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 16:09	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 16:09	1
Trichloroethene	1.1	J	5.0	0.79	ug/L			11/03/22 16:09	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:09	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 16:09	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 16:09	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-224247-15

Date Collected: 10/26/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	4.5		2.0	0.64	ug/L			11/03/22 16:09	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 117					11/03/22 16:09	1
1,2-Dichloroethane-d4 (Surr)	108		63 - 144					11/03/22 16:09	1
Dibromofluoromethane (Surr)	101		75 - 131					11/03/22 16:09	1
4-Bromofluorobenzene (Surr)	105		74 - 124					11/03/22 16:09	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			11/07/22 17:48	1
Ethene	0.58	J	1.0	0.31	ug/L			11/07/22 17:48	1
Methane	13		0.58	0.57	ug/L			11/07/22 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.3		1.0	0.50	mg/L			11/05/22 22:55	1

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-224247-16

Date Collected: 10/26/22 10:10

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/02/22 23:37	1
Acrylonitrile	14	U	50	14	ug/L			11/02/22 23:37	1
Benzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:37	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/02/22 23:37	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/02/22 23:37	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/02/22 23:37	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/02/22 23:37	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/02/22 23:37	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/02/22 23:37	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/02/22 23:37	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:37	1
Chloroethane	2.0	U	10	2.0	ug/L			11/02/22 23:37	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/02/22 23:37	1
Chloromethane	2.0	U	10	2.0	ug/L			11/02/22 23:37	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/02/22 23:37	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/02/22 23:37	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/02/22 23:37	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/02/22 23:37	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/02/22 23:37	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/02/22 23:37	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:37	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:37	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:37	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/02/22 23:37	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/02/22 23:37	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-224247-16

Date Collected: 10/26/22 10:10

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/02/22 23:37	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/02/22 23:37	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/02/22 23:37	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/02/22 23:37	1
Iodomethane	6.5	U F1 **	20	6.5	ug/L			11/02/22 23:37	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/02/22 23:37	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/02/22 23:37	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/02/22 23:37	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/02/22 23:37	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/02/22 23:37	1
Styrene	0.66	U	1.0	0.66	ug/L			11/02/22 23:37	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:37	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/02/22 23:37	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/02/22 23:37	1
Toluene	0.91	J	1.0	0.48	ug/L			11/02/22 23:37	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/02/22 23:37	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/02/22 23:37	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/02/22 23:37	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/02/22 23:37	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/02/22 23:37	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/02/22 23:37	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:37	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/02/22 23:37	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/02/22 23:37	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/02/22 23:37	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/02/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 117		11/02/22 23:37	1
1,2-Dichloroethane-d4 (Surr)	99		63 - 144		11/02/22 23:37	1
Dibromofluoromethane (Surr)	97		75 - 131		11/02/22 23:37	1
4-Bromofluorobenzene (Surr)	102		74 - 124		11/02/22 23:37	1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-224247-17

Date Collected: 10/26/22 08:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 16:50	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 16:50	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 16:50	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 16:50	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 16:50	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 16:50	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 16:50	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 16:50	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 16:50	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 16:50	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 16:50	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-224247-17

Date Collected: 10/26/22 08:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 16:50	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 16:50	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 16:50	1
cis-1,2-Dichloroethene	3.0		1.0	0.71	ug/L			11/03/22 16:50	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 16:50	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 16:50	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 16:50	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 16:50	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 16:50	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 16:50	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 16:50	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:50	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 16:50	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 16:50	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 16:50	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 16:50	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 16:50	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 16:50	1
Iodomethane	6.5	U	20	6.5	ug/L			11/03/22 16:50	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 16:50	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 16:50	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 16:50	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 16:50	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 16:50	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 16:50	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:50	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 16:50	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 16:50	1
Toluene	0.87	J	1.0	0.48	ug/L			11/03/22 16:50	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 16:50	1
trans-1,2-Dichloroethene	1.7		1.0	0.95	ug/L			11/03/22 16:50	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 16:50	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 16:50	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 16:50	1
Trichloroethene	13		5.0	0.79	ug/L			11/03/22 16:50	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 16:50	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 16:50	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 16:50	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 16:50	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 117		11/03/22 16:50	1
1,2-Dichloroethane-d4 (Surr)	108		63 - 144		11/03/22 16:50	1
Dibromofluoromethane (Surr)	100		75 - 131		11/03/22 16:50	1
4-Bromofluorobenzene (Surr)	106		74 - 124		11/03/22 16:50	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.40	J	1.1	0.30	ug/L			11/07/22 18:01	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-224247-17

Date Collected: 10/26/22 08:45

Matrix: Water

Date Received: 10/27/22 10:30

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethene	0.40	J	1.0	0.31	ug/L			11/07/22 18:01	1
Methane	120		0.58	0.57	ug/L			11/07/22 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.4		1.0	0.50	mg/L			11/05/22 23:14	1

Client Sample ID: DUP403

Lab Sample ID: 680-224247-18

Date Collected: 10/26/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 17:11	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 17:11	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 17:11	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 17:11	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 17:11	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 17:11	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 17:11	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 17:11	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 17:11	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 17:11	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 17:11	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 17:11	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 17:11	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 17:11	1
cis-1,2-Dichloroethene	13		1.0	0.71	ug/L			11/03/22 17:11	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 17:11	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 17:11	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 17:11	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 17:11	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 17:11	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 17:11	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 17:11	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:11	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 17:11	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 17:11	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 17:11	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 17:11	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 17:11	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 17:11	1
Iodomethane	6.5	U	20	6.5	ug/L			11/03/22 17:11	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 17:11	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 17:11	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 17:11	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 17:11	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 17:11	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 17:11	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: DUP403

Lab Sample ID: 680-224247-18

Date Collected: 10/26/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:11	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 17:11	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 17:11	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 17:11	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 17:11	1
trans-1,2-Dichloroethene	3.7		1.0	0.95	ug/L			11/03/22 17:11	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 17:11	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 17:11	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 17:11	1
Trichloroethene	1.6	J	5.0	0.79	ug/L			11/03/22 17:11	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:11	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 17:11	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 17:11	1
Vinyl chloride	6.9		2.0	0.64	ug/L			11/03/22 17:11	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 117		11/03/22 17:11	1
1,2-Dichloroethane-d4 (Surr)	107		63 - 144		11/03/22 17:11	1
Dibromofluoromethane (Surr)	105		75 - 131		11/03/22 17:11	1
4-Bromofluorobenzene (Surr)	105		74 - 124		11/03/22 17:11	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			11/07/22 18:14	1
Ethene	0.46	J	1.0	0.31	ug/L			11/07/22 18:14	1
Methane	9.4		0.58	0.57	ug/L			11/07/22 18:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.4		1.0	0.50	mg/L			11/05/22 23:30	1

Client Sample ID: EB144

Lab Sample ID: 680-224247-19

Date Collected: 10/26/22 13:23

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/02/22 23:17	1
Acrylonitrile	14	U	50	14	ug/L			11/02/22 23:17	1
Benzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:17	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/02/22 23:17	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/02/22 23:17	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/02/22 23:17	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/02/22 23:17	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/02/22 23:17	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/02/22 23:17	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/02/22 23:17	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/02/22 23:17	1
Chloroethane	2.0	U	10	2.0	ug/L			11/02/22 23:17	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: EB144

Lab Sample ID: 680-224247-19

Date Collected: 10/26/22 13:23

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.64	U	1.0	0.64	ug/L			11/02/22 23:17	1
Chloromethane	2.0	U	10	2.0	ug/L			11/02/22 23:17	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/02/22 23:17	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/02/22 23:17	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/02/22 23:17	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/02/22 23:17	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/02/22 23:17	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/02/22 23:17	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:17	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 23:17	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:17	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/02/22 23:17	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/02/22 23:17	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/02/22 23:17	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/02/22 23:17	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/02/22 23:17	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/02/22 23:17	1
Iodomethane	6.5	U *+	20	6.5	ug/L			11/02/22 23:17	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/02/22 23:17	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/02/22 23:17	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/02/22 23:17	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/02/22 23:17	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/02/22 23:17	1
Styrene	0.66	U	1.0	0.66	ug/L			11/02/22 23:17	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:17	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/02/22 23:17	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/02/22 23:17	1
Toluene	0.48	U	1.0	0.48	ug/L			11/02/22 23:17	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/02/22 23:17	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/02/22 23:17	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/02/22 23:17	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/02/22 23:17	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/02/22 23:17	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/02/22 23:17	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/02/22 23:17	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/02/22 23:17	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/02/22 23:17	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/02/22 23:17	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/02/22 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 117		11/02/22 23:17	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		11/02/22 23:17	1
Dibromofluoromethane (Surr)	97		75 - 131		11/02/22 23:17	1
4-Bromofluorobenzene (Surr)	98		74 - 124		11/02/22 23:17	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: MATERIAL113

Lab Sample ID: 680-224247-20

Date Collected: 10/26/22 13:04

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 17:31	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 17:31	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 17:31	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 17:31	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 17:31	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 17:31	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 17:31	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 17:31	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 17:31	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 17:31	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 17:31	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 17:31	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 17:31	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 17:31	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 17:31	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 17:31	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 17:31	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 17:31	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 17:31	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 17:31	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 17:31	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 17:31	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:31	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 17:31	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 17:31	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 17:31	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 17:31	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 17:31	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 17:31	1
Iodomethane	6.5	U	20	6.5	ug/L			11/03/22 17:31	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 17:31	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 17:31	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 17:31	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 17:31	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 17:31	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 17:31	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:31	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 17:31	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 17:31	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 17:31	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 17:31	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 17:31	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 17:31	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 17:31	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 17:31	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 17:31	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 17:31	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 17:31	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 17:31	1

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Client Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: MATERIAL113

Lab Sample ID: 680-224247-20

Date Collected: 10/26/22 13:04

Matrix: Water

Date Received: 10/27/22 10:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 17:31	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 117					11/03/22 17:31	1
1,2-Dichloroethane-d4 (Surr)	106		63 - 144					11/03/22 17:31	1
Dibromofluoromethane (Surr)	102		75 - 131					11/03/22 17:31	1
4-Bromofluorobenzene (Surr)	104		74 - 124					11/03/22 17:31	1

QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-75953/10

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/02/22 22:36	1
Acrylonitrile	14	U	50	14	ug/L			11/02/22 22:36	1
Benzene	0.53	U	1.0	0.53	ug/L			11/02/22 22:36	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/02/22 22:36	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/02/22 22:36	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/02/22 22:36	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/02/22 22:36	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/02/22 22:36	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/02/22 22:36	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/02/22 22:36	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/02/22 22:36	1
Chloroethane	2.0	U	10	2.0	ug/L			11/02/22 22:36	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/02/22 22:36	1
Chloromethane	2.0	U	10	2.0	ug/L			11/02/22 22:36	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/02/22 22:36	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/02/22 22:36	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/02/22 22:36	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/02/22 22:36	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/02/22 22:36	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/02/22 22:36	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 22:36	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/02/22 22:36	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:36	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/02/22 22:36	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/02/22 22:36	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/02/22 22:36	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/02/22 22:36	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/02/22 22:36	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/02/22 22:36	1
Iodomethane	6.5	U	20	6.5	ug/L			11/02/22 22:36	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/02/22 22:36	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/02/22 22:36	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/02/22 22:36	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/02/22 22:36	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/02/22 22:36	1
Styrene	0.66	U	1.0	0.66	ug/L			11/02/22 22:36	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:36	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/02/22 22:36	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/02/22 22:36	1
Toluene	0.48	U	1.0	0.48	ug/L			11/02/22 22:36	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/02/22 22:36	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/02/22 22:36	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/02/22 22:36	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/02/22 22:36	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/02/22 22:36	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/02/22 22:36	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/02/22 22:36	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/02/22 22:36	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-75953/10

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	2.1	U	20	2.1	ug/L			11/02/22 22:36	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/02/22 22:36	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/02/22 22:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 117					11/02/22 22:36	1
1,2-Dichloroethane-d4 (Surr)	99		63 - 144					11/02/22 22:36	1
Dibromofluoromethane (Surr)	97		75 - 131					11/02/22 22:36	1
4-Bromofluorobenzene (Surr)	100		74 - 124					11/02/22 22:36	1

Lab Sample ID: LCS 860-75953/3

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	220		ug/L		88	60 - 140
Acrylonitrile	500	498		ug/L		100	60 - 140
Benzene	50.0	52.0		ug/L		104	75 - 125
Bromochloromethane	50.0	53.6		ug/L		107	60 - 140
Bromodichloromethane	50.0	53.5		ug/L		107	75 - 125
Bromoform	50.0	45.5		ug/L		91	70 - 130
Bromomethane	50.0	59.8		ug/L		120	60 - 140
2-Butanone (MEK)	250	231		ug/L		92	60 - 140
Carbon disulfide	50.0	52.7		ug/L		105	60 - 140
Carbon tetrachloride	50.0	55.6		ug/L		111	70 - 130
Chlorobenzene	50.0	52.6		ug/L		105	65 - 135
Chloroethane	50.0	56.5		ug/L		113	60 - 140
Chloroform	50.0	54.6		ug/L		109	70 - 121
Chloromethane	50.0	65.3		ug/L		131	60 - 140
cis-1,2-Dichloroethane	50.0	52.1		ug/L		104	75 - 125
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	74 - 125
Dibromochloromethane	50.0	53.1		ug/L		106	73 - 125
1,2-Dibromo-3-Chloropropane	50.0	51.4		ug/L		103	59 - 125
1,2-Dibromoethane	50.0	50.9		ug/L		102	73 - 125
Dibromomethane	50.0	52.2		ug/L		104	69 - 127
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	75 - 125
1,4-Dichlorobenzene	50.0	51.9		ug/L		104	75 - 125
1,1-Dichloroethane	50.0	52.5		ug/L		105	70 - 130
1,2-Dichloroethane	50.0	52.5		ug/L		105	72 - 130
1,1-Dichloroethene	50.0	48.3		ug/L		97	50 - 150
1,2-Dichloropropane	50.0	51.2		ug/L		102	74 - 125
1,3-Dichloropropane	50.0	51.1		ug/L		102	75 - 125
Ethylbenzene	50.0	51.5		ug/L		103	75 - 125
2-Hexanone	250	246		ug/L		99	60 - 140
Iodomethane	50.0	64.2	*+	ug/L		128	75 - 125
Methylene Chloride	50.0	47.8		ug/L		96	75 - 125
4-Methyl-2-pentanone (MIBK)	250	252		ug/L		101	60 - 140
Methyl tert-butyl ether	50.0	51.6		ug/L		103	65 - 135

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-75953/3

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m,p-Xylenes	50.0	51.7		ug/L		103	75 - 125
o-Xylene	50.0	51.6		ug/L		103	75 - 125
Styrene	50.0	53.0		ug/L		106	75 - 125
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/L		109	72 - 125
1,1,2,2-Tetrachloroethane	50.0	49.4		ug/L		99	74 - 125
Tetrachloroethylene	50.0	52.9		ug/L		106	71 - 125
Toluene	50.0	52.6		ug/L		105	70 - 130
trans-1,4-Dichloro-2-butene	50.0	52.3		ug/L		105	70 - 130
trans-1,2-Dichloroethene	50.0	49.6		ug/L		99	75 - 125
trans-1,3-Dichloropropene	50.0	52.2		ug/L		104	66 - 125
1,1,1-Trichloroethane	50.0	55.4		ug/L		111	70 - 130
1,1,2-Trichloroethane	50.0	50.7		ug/L		101	70 - 130
Trichloroethene	50.0	54.2		ug/L		108	75 - 135
Trichlorofluoromethane	50.0	61.1		ug/L		122	60 - 140
1,2,3-Trichloropropane	50.0	49.1		ug/L		98	75 - 125
Vinyl acetate	250	261		ug/L		104	60 - 140
Vinyl chloride	50.0	59.7		ug/L		119	60 - 140
Xylenes, Total	100	103		ug/L		103	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 117
1,2-Dichloroethane-d4 (Surr)	102		63 - 144
Dibromofluoromethane (Surr)	101		75 - 131
4-Bromofluorobenzene (Surr)	95		74 - 124

Lab Sample ID: LCSD 860-75953/4

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	218		ug/L		87	60 - 140	1	25
Acrylonitrile	500	495		ug/L		99	60 - 140	1	25
Benzene	50.0	53.0		ug/L		106	75 - 125	2	25
Bromochloromethane	50.0	54.6		ug/L		109	60 - 140	2	25
Bromodichloromethane	50.0	53.8		ug/L		108	75 - 125	1	25
Bromoform	50.0	45.6		ug/L		91	70 - 130	0	25
Bromomethane	50.0	60.3		ug/L		121	60 - 140	1	25
2-Butanone (MEK)	250	234		ug/L		93	60 - 140	1	25
Carbon disulfide	50.0	53.8		ug/L		108	60 - 140	2	25
Carbon tetrachloride	50.0	57.1		ug/L		114	70 - 130	3	25
Chlorobenzene	50.0	53.2		ug/L		106	65 - 135	1	25
Chloroethane	50.0	56.6		ug/L		113	60 - 140	0	25
Chloroform	50.0	54.1		ug/L		108	70 - 121	1	25
Chloromethane	50.0	65.6		ug/L		131	60 - 140	0	25
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	75 - 125	3	25
cis-1,3-Dichloropropene	50.0	53.4		ug/L		107	74 - 125	2	25
Dibromochloromethane	50.0	54.5		ug/L		109	73 - 125	3	25
1,2-Dibromo-3-Chloropropane	50.0	55.3		ug/L		111	59 - 125	7	25

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-75953/4

Matrix: Water

Analysis Batch: 75953

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	50.0	52.2		ug/L		104	73 - 125	2	25
Dibromomethane	50.0	52.1		ug/L		104	69 - 127	0	25
1,2-Dichlorobenzene	50.0	53.1		ug/L		106	75 - 125	4	25
1,4-Dichlorobenzene	50.0	53.6		ug/L		107	75 - 125	3	25
1,1-Dichloroethane	50.0	53.0		ug/L		106	70 - 130	1	25
1,2-Dichloroethane	50.0	52.6		ug/L		105	72 - 130	0	25
1,1-Dichloroethene	50.0	50.3		ug/L		101	50 - 150	4	25
1,2-Dichloropropane	50.0	52.3		ug/L		105	74 - 125	2	25
1,3-Dichloropropane	50.0	50.4		ug/L		101	75 - 125	1	25
Ethylbenzene	50.0	51.7		ug/L		103	75 - 125	0	25
2-Hexanone	250	244		ug/L		98	60 - 140	1	25
Iodomethane	50.0	65.0	*+	ug/L		130	75 - 125	1	25
Methylene Chloride	50.0	48.0		ug/L		96	75 - 125	0	25
4-Methyl-2-pentanone (MIBK)	250	248		ug/L		99	60 - 140	2	25
Methyl tert-butyl ether	50.0	51.9		ug/L		104	65 - 135	1	25
m,p-Xylenes	50.0	52.7		ug/L		105	75 - 125	2	25
o-Xylene	50.0	52.0		ug/L		104	75 - 125	1	25
Styrene	50.0	53.6		ug/L		107	75 - 125	1	25
1,1,1,2-Tetrachloroethane	50.0	54.7		ug/L		109	72 - 125	0	25
1,1,2,2-Tetrachloroethane	50.0	50.3		ug/L		101	74 - 125	2	25
Tetrachloroethylene	50.0	55.1		ug/L		110	71 - 125	4	25
Toluene	50.0	53.2		ug/L		106	70 - 130	1	25
trans-1,4-Dichloro-2-butene	50.0	51.8		ug/L		104	70 - 130	1	25
trans-1,2-Dichloroethene	50.0	51.0		ug/L		102	75 - 125	3	25
trans-1,3-Dichloropropene	50.0	52.7		ug/L		105	66 - 125	1	25
1,1,1-Trichloroethane	50.0	57.4		ug/L		115	70 - 130	3	25
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	70 - 130	0	25
Trichloroethene	50.0	55.7		ug/L		111	75 - 135	3	25
Trichlorofluoromethane	50.0	61.4		ug/L		123	60 - 140	1	25
1,2,3-Trichloropropane	50.0	49.5		ug/L		99	75 - 125	1	25
Vinyl acetate	250	260		ug/L		104	60 - 140	0	25
Vinyl chloride	50.0	60.6		ug/L		121	60 - 140	2	25
Xylenes, Total	100	105		ug/L		105	75 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	97		80 - 117
1,2-Dichloroethane-d4 (Surr)	102		63 - 144
Dibromofluoromethane (Surr)	102		75 - 131
4-Bromofluorobenzene (Surr)	99		74 - 124

Lab Sample ID: 680-224247-16 MS

Matrix: Water

Analysis Batch: 75953

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	1.2	U	250	211		ug/L		84	60 - 140
Acrylonitrile	14	U	500	507		ug/L		101	50 - 150
Benzene	0.53	U	50.0	51.8		ug/L		104	66 - 142

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-224247-16 MS

Matrix: Water

Analysis Batch: 75953

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	0.66	U	50.0	53.7		ug/L		107	60 - 140
Bromodichloromethane	0.55	U	50.0	54.8		ug/L		110	75 - 125
Bromoform	0.63	U	50.0	47.4		ug/L		95	75 - 125
Bromomethane	1.4	U	50.0	57.2		ug/L		114	60 - 140
2-Butanone (MEK)	8.3	U	250	216		ug/L		86	60 - 140
Carbon disulfide	1.9	U	50.0	45.5		ug/L		91	60 - 140
Carbon tetrachloride	0.90	U	50.0	55.7		ug/L		111	62 - 125
Chlorobenzene	0.53	U	50.0	53.9		ug/L		108	60 - 133
Chloroethane	2.0	U	50.0	55.2		ug/L		110	60 - 140
Chloroform	0.64	U	50.0	53.9		ug/L		108	70 - 130
Chloromethane	2.0	U	50.0	60.9		ug/L		122	60 - 140
cis-1,2-Dichloroethene	0.71	U	50.0	53.0		ug/L		106	75 - 125
cis-1,3-Dichloropropene	1.1	U	50.0	53.2		ug/L		106	74 - 125
Dibromochloromethane	0.55	U	50.0	55.5		ug/L		111	73 - 125
1,2-Dibromo-3-Chloropropane	1.3	U	50.0	54.5		ug/L		109	59 - 125
1,2-Dibromoethane	1.0	U	50.0	52.7		ug/L		105	73 - 125
Dibromomethane	0.69	U	50.0	52.5		ug/L		105	69 - 127
1,2-Dichlorobenzene	0.51	U	50.0	53.9		ug/L		108	75 - 125
1,4-Dichlorobenzene	0.51	U	50.0	53.8		ug/L		108	75 - 125
1,1-Dichloroethane	0.64	U	50.0	52.1		ug/L		104	72 - 125
1,2-Dichloroethane	0.59	U	50.0	52.2		ug/L		104	68 - 127
1,1-Dichloroethene	0.74	U	50.0	45.5		ug/L		91	59 - 172
1,2-Dichloropropane	0.67	U	50.0	52.6		ug/L		105	74 - 125
1,3-Dichloropropane	0.51	U	50.0	52.4		ug/L		105	75 - 125
Ethylbenzene	0.41	U	50.0	51.9		ug/L		104	75 - 125
2-Hexanone	7.4	U	250	249		ug/L		100	60 - 140
Iodomethane	6.5	U F1 *+	50.0	61.0		ug/L		122	75 - 125
Methylene Chloride	1.7	U	50.0	47.4		ug/L		95	75 - 125
4-Methyl-2-pentanone (MIBK)	7.5	U	250	255		ug/L		102	60 - 140
Methyl tert-butyl ether	1.4	U	50.0	52.0		ug/L		104	65 - 135
m,p-Xylenes	1.2	U	50.0	53.5		ug/L		107	75 - 125
o-Xylene	0.55	U	50.0	52.2		ug/L		104	75 - 125
Styrene	0.66	U	50.0	54.3		ug/L		109	75 - 125
1,1,1,2-Tetrachloroethane	0.64	U	50.0	55.1		ug/L		110	72 - 125
1,1,2,2-Tetrachloroethane	0.47	U	50.0	52.1		ug/L		104	74 - 125
Tetrachloroethylene	0.80	U	50.0	52.8		ug/L		106	71 - 125
Toluene	0.91	J	50.0	53.6		ug/L		105	59 - 139
trans-1,4-Dichloro-2-butene	1.4	U	50.0	53.4		ug/L		107	70 - 130
trans-1,2-Dichloroethene	0.95	U	50.0	48.1		ug/L		96	75 - 125
trans-1,3-Dichloropropene	1.3	U	50.0	52.4		ug/L		105	66 - 125
1,1,1-Trichloroethane	1.7	U	50.0	55.1		ug/L		110	75 - 125
1,1,2-Trichloroethane	0.51	U	50.0	52.4		ug/L		105	75 - 127
Trichloroethene	0.79	U	50.0	53.4		ug/L		107	62 - 137
Trichlorofluoromethane	0.64	U	50.0	56.1		ug/L		112	60 - 140
1,2,3-Trichloropropane	0.49	U	50.0	51.5		ug/L		103	75 - 125
Vinyl acetate	2.1	U	250	276		ug/L		110	60 - 140
Vinyl chloride	0.64	U	50.0	56.3		ug/L		113	60 - 140
Xylenes, Total	1.2	U	100	106		ug/L		106	75 - 125

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-224247-16 MS

Matrix: Water

Analysis Batch: 75953

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 117
1,2-Dichloroethane-d4 (Surr)	99		63 - 144
Dibromofluoromethane (Surr)	100		75 - 131
4-Bromofluorobenzene (Surr)	96		74 - 124

Lab Sample ID: 680-224247-16 MSD

Matrix: Water

Analysis Batch: 75953

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	1.2	U	250	225		ug/L		90	60 - 140	6	25
Acrylonitrile	14	U	500	535		ug/L		107	50 - 150	5	25
Benzene	0.53	U	50.0	54.9		ug/L		110	66 - 142	6	25
Bromochloromethane	0.66	U	50.0	55.9		ug/L		112	60 - 140	4	25
Bromodichloromethane	0.55	U	50.0	57.0		ug/L		114	75 - 125	4	25
Bromoform	0.63	U	50.0	49.9		ug/L		100	75 - 125	5	25
Bromomethane	1.4	U	50.0	61.6		ug/L		123	60 - 140	7	25
2-Butanone (MEK)	8.3	U	250	241		ug/L		97	60 - 140	11	25
Carbon disulfide	1.9	U	50.0	47.7		ug/L		95	60 - 140	5	25
Carbon tetrachloride	0.90	U	50.0	56.4		ug/L		113	62 - 125	1	25
Chlorobenzene	0.53	U	50.0	56.0		ug/L		112	60 - 133	4	25
Chloroethane	2.0	U	50.0	58.6		ug/L		117	60 - 140	6	25
Chloroform	0.64	U	50.0	56.8		ug/L		114	70 - 130	5	25
Chloromethane	2.0	U	50.0	64.4		ug/L		129	60 - 140	6	25
cis-1,2-Dichloroethene	0.71	U	50.0	54.0		ug/L		108	75 - 125	2	25
cis-1,3-Dichloropropene	1.1	U	50.0	55.2		ug/L		110	74 - 125	4	25
Dibromochloromethane	0.55	U	50.0	58.3		ug/L		117	73 - 125	5	25
1,2-Dibromo-3-Chloropropane	1.3	U	50.0	60.3		ug/L		121	59 - 125	10	25
1,2-Dibromoethane	1.0	U	50.0	55.1		ug/L		110	73 - 125	4	25
Dibromomethane	0.69	U	50.0	56.0		ug/L		112	69 - 127	6	25
1,2-Dichlorobenzene	0.51	U	50.0	56.9		ug/L		114	75 - 125	5	25
1,4-Dichlorobenzene	0.51	U	50.0	56.7		ug/L		113	75 - 125	5	25
1,1-Dichloroethane	0.64	U	50.0	54.2		ug/L		108	72 - 125	4	25
1,2-Dichloroethane	0.59	U	50.0	55.5		ug/L		111	68 - 127	6	25
1,1-Dichloroethene	0.74	U	50.0	49.0		ug/L		98	59 - 172	7	25
1,2-Dichloropropane	0.67	U	50.0	54.1		ug/L		108	74 - 125	3	25
1,3-Dichloropropane	0.51	U	50.0	54.3		ug/L		109	75 - 125	4	25
Ethylbenzene	0.41	U	50.0	54.0		ug/L		108	75 - 125	4	25
2-Hexanone	7.4	U	250	263		ug/L		105	60 - 140	6	25
Iodomethane	6.5	U F1 **	50.0	63.5	F1	ug/L		127	75 - 125	4	25
Methylene Chloride	1.7	U	50.0	48.3		ug/L		97	75 - 125	2	25
4-Methyl-2-pentanone (MIBK)	7.5	U	250	271		ug/L		108	60 - 140	6	25
Methyl tert-butyl ether	1.4	U	50.0	55.0		ug/L		110	65 - 135	6	25
m,p-Xylenes	1.2	U	50.0	55.1		ug/L		110	75 - 125	3	25
o-Xylene	0.55	U	50.0	54.7		ug/L		109	75 - 125	5	25
Styrene	0.66	U	50.0	56.0		ug/L		112	75 - 125	3	25
1,1,1,2-Tetrachloroethane	0.64	U	50.0	57.8		ug/L		116	72 - 125	5	25
1,1,2,2-Tetrachloroethane	0.47	U	50.0	56.2		ug/L		112	74 - 125	7	25

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-224247-16 MSD

Matrix: Water

Analysis Batch: 75953

Client Sample ID: PPMP-66-MW24R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethylene	0.80	U	50.0	56.0		ug/L		112	71 - 125	6	25
Toluene	0.91	J	50.0	56.3		ug/L		111	59 - 139	5	25
trans-1,4-Dichloro-2-butene	1.4	U	50.0	55.0		ug/L		110	70 - 130	3	25
trans-1,2-Dichloroethene	0.95	U	50.0	49.9		ug/L		100	75 - 125	4	25
trans-1,3-Dichloropropene	1.3	U	50.0	54.8		ug/L		110	66 - 125	5	25
1,1,1-Trichloroethane	1.7	U	50.0	57.2		ug/L		114	75 - 125	4	25
1,1,2-Trichloroethane	0.51	U	50.0	54.3		ug/L		109	75 - 127	4	25
Trichloroethene	0.79	U	50.0	56.6		ug/L		113	62 - 137	6	25
Trichlorofluoromethane	0.64	U	50.0	60.0		ug/L		120	60 - 140	7	25
1,2,3-Trichloropropane	0.49	U	50.0	54.7		ug/L		109	75 - 125	6	25
Vinyl acetate	2.1	U	250	275		ug/L		110	60 - 140	0	25
Vinyl chloride	0.64	U	50.0	59.5		ug/L		119	60 - 140	5	25
Xylenes, Total	1.2	U	100	110		ug/L		110	75 - 125	4	25

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
Toluene-d8 (Surr)	97		80 - 117
1,2-Dichloroethane-d4 (Surr)	102		63 - 144
Dibromofluoromethane (Surr)	98		75 - 131
4-Bromofluorobenzene (Surr)	97		74 - 124

Lab Sample ID: MB 860-75998/10

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/03/22 15:49	1
Acrylonitrile	14	U	50	14	ug/L			11/03/22 15:49	1
Benzene	0.53	U	1.0	0.53	ug/L			11/03/22 15:49	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/03/22 15:49	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/03/22 15:49	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/03/22 15:49	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/03/22 15:49	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/03/22 15:49	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/03/22 15:49	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/03/22 15:49	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/03/22 15:49	1
Chloroethane	2.0	U	10	2.0	ug/L			11/03/22 15:49	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/03/22 15:49	1
Chloromethane	2.0	U	10	2.0	ug/L			11/03/22 15:49	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/03/22 15:49	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/03/22 15:49	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/03/22 15:49	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/03/22 15:49	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/03/22 15:49	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/03/22 15:49	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 15:49	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/03/22 15:49	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 15:49	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-75998/10

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/03/22 15:49	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/03/22 15:49	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/03/22 15:49	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/03/22 15:49	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/03/22 15:49	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/03/22 15:49	1
Iodomethane	6.5	U	20	6.5	ug/L			11/03/22 15:49	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/03/22 15:49	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/03/22 15:49	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/03/22 15:49	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/03/22 15:49	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/03/22 15:49	1
Styrene	0.66	U	1.0	0.66	ug/L			11/03/22 15:49	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/03/22 15:49	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/03/22 15:49	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/03/22 15:49	1
Toluene	0.48	U	1.0	0.48	ug/L			11/03/22 15:49	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/03/22 15:49	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/03/22 15:49	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/03/22 15:49	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/03/22 15:49	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/03/22 15:49	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/03/22 15:49	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/03/22 15:49	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/03/22 15:49	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/03/22 15:49	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/03/22 15:49	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/03/22 15:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 117		11/03/22 15:49	1
1,2-Dichloroethane-d4 (Surr)	108		63 - 144		11/03/22 15:49	1
Dibromofluoromethane (Surr)	101		75 - 131		11/03/22 15:49	1
4-Bromofluorobenzene (Surr)	108		74 - 124		11/03/22 15:49	1

Lab Sample ID: LCS 860-75998/3

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	227		ug/L		91	60 - 140
Acrylonitrile	500	496		ug/L		99	60 - 140
Benzene	50.0	52.0		ug/L		104	75 - 125
Bromochloromethane	50.0	52.8		ug/L		106	60 - 140
Bromodichloromethane	50.0	51.9		ug/L		104	75 - 125
Bromoform	50.0	40.4		ug/L		81	70 - 130
Bromomethane	50.0	49.3		ug/L		99	60 - 140
2-Butanone (MEK)	250	229		ug/L		91	60 - 140

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-75998/3

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	50.0	55.8		ug/L		112	60 - 140
Carbon tetrachloride	50.0	56.3		ug/L		113	70 - 130
Chlorobenzene	50.0	50.0		ug/L		100	65 - 135
Chloroethane	50.0	52.6		ug/L		105	60 - 140
Chloroform	50.0	55.1		ug/L		110	70 - 121
Chloromethane	50.0	55.3		ug/L		111	60 - 140
cis-1,2-Dichloroethene	50.0	54.8		ug/L		110	75 - 125
cis-1,3-Dichloropropene	50.0	52.8		ug/L		106	74 - 125
Dibromochloromethane	50.0	49.6		ug/L		99	73 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/L		96	59 - 125
1,2-Dibromoethane	50.0	48.5		ug/L		97	73 - 125
Dibromomethane	50.0	50.8		ug/L		102	69 - 127
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	75 - 125
1,4-Dichlorobenzene	50.0	49.8		ug/L		100	75 - 125
1,1-Dichloroethane	50.0	54.7		ug/L		109	70 - 130
1,2-Dichloroethane	50.0	52.4		ug/L		105	72 - 130
1,1-Dichloroethene	50.0	49.6		ug/L		99	50 - 150
1,2-Dichloropropane	50.0	51.5		ug/L		103	74 - 125
1,3-Dichloropropane	50.0	49.0		ug/L		98	75 - 125
Ethylbenzene	50.0	50.6		ug/L		101	75 - 125
2-Hexanone	250	241		ug/L		96	60 - 140
Iodomethane	50.0	60.4		ug/L		121	75 - 125
Methylene Chloride	50.0	50.0		ug/L		100	75 - 125
4-Methyl-2-pentanone (MIBK)	250	247		ug/L		99	60 - 140
Methyl tert-butyl ether	50.0	53.0		ug/L		106	65 - 135
m,p-Xylenes	50.0	51.9		ug/L		104	75 - 125
o-Xylene	50.0	51.2		ug/L		102	75 - 125
Styrene	50.0	50.9		ug/L		102	75 - 125
1,1,1,2-Tetrachloroethane	50.0	50.3		ug/L		101	72 - 125
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/L		96	74 - 125
Tetrachloroethylene	50.0	50.3		ug/L		101	71 - 125
Toluene	50.0	51.6		ug/L		103	70 - 130
trans-1,4-Dichloro-2-butene	50.0	53.8		ug/L		108	70 - 130
trans-1,2-Dichloroethene	50.0	49.9		ug/L		100	75 - 125
trans-1,3-Dichloropropene	50.0	51.0		ug/L		102	66 - 125
1,1,1-Trichloroethane	50.0	55.9		ug/L		112	70 - 130
1,1,2-Trichloroethane	50.0	50.2		ug/L		100	70 - 130
Trichloroethene	50.0	51.4		ug/L		103	75 - 135
Trichlorofluoromethane	50.0	59.2		ug/L		118	60 - 140
1,2,3-Trichloropropane	50.0	51.8		ug/L		104	75 - 125
Vinyl acetate	250	268		ug/L		107	60 - 140
Vinyl chloride	50.0	53.9		ug/L		108	60 - 140
Xylenes, Total	100	103		ug/L		103	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 117
1,2-Dichloroethane-d4 (Surr)	106		63 - 144
Dibromofluoromethane (Surr)	104		75 - 131

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-75998/3

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		74 - 124

Lab Sample ID: LCSD 860-75998/4

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	233		ug/L		93	60 - 140	3	25
Acrylonitrile	500	514		ug/L		103	60 - 140	3	25
Benzene	50.0	49.5		ug/L		99	75 - 125	5	25
Bromochloromethane	50.0	51.5		ug/L		103	60 - 140	3	25
Bromodichloromethane	50.0	50.8		ug/L		102	75 - 125	2	25
Bromoform	50.0	41.2		ug/L		82	70 - 130	2	25
Bromomethane	50.0	46.8		ug/L		94	60 - 140	5	25
2-Butanone (MEK)	250	237		ug/L		95	60 - 140	4	25
Carbon disulfide	50.0	52.6		ug/L		105	60 - 140	6	25
Carbon tetrachloride	50.0	54.9		ug/L		110	70 - 130	2	25
Chlorobenzene	50.0	49.2		ug/L		98	65 - 135	2	25
Chloroethane	50.0	49.7		ug/L		99	60 - 140	6	25
Chloroform	50.0	53.4		ug/L		107	70 - 121	3	25
Chloromethane	50.0	53.6		ug/L		107	60 - 140	3	25
cis-1,2-Dichloroethene	50.0	53.0		ug/L		106	75 - 125	3	25
cis-1,3-Dichloropropene	50.0	51.4		ug/L		103	74 - 125	3	25
Dibromochloromethane	50.0	49.5		ug/L		99	73 - 125	0	25
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/L		104	59 - 125	7	25
1,2-Dibromoethane	50.0	48.5		ug/L		97	73 - 125	0	25
Dibromomethane	50.0	48.2		ug/L		96	69 - 127	5	25
1,2-Dichlorobenzene	50.0	48.9		ug/L		98	75 - 125	1	25
1,4-Dichlorobenzene	50.0	48.9		ug/L		98	75 - 125	2	25
1,1-Dichloroethane	50.0	53.0		ug/L		106	70 - 130	3	25
1,2-Dichloroethane	50.0	52.0		ug/L		104	72 - 130	1	25
1,1-Dichloroethene	50.0	49.3		ug/L		99	50 - 150	1	25
1,2-Dichloropropane	50.0	49.9		ug/L		100	74 - 125	3	25
1,3-Dichloropropane	50.0	49.4		ug/L		99	75 - 125	1	25
Ethylbenzene	50.0	49.8		ug/L		100	75 - 125	2	25
2-Hexanone	250	250		ug/L		100	60 - 140	4	25
Iodomethane	50.0	58.7		ug/L		117	75 - 125	3	25
Methylene Chloride	50.0	48.9		ug/L		98	75 - 125	2	25
4-Methyl-2-pentanone (MIBK)	250	248		ug/L		99	60 - 140	1	25
Methyl tert-butyl ether	50.0	53.2		ug/L		106	65 - 135	0	25
m,p-Xylenes	50.0	49.9		ug/L		100	75 - 125	4	25
o-Xylene	50.0	49.5		ug/L		99	75 - 125	3	25
Styrene	50.0	49.5		ug/L		99	75 - 125	3	25
1,1,1,2-Tetrachloroethane	50.0	50.3		ug/L		101	72 - 125	0	25
1,1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	74 - 125	3	25
Tetrachloroethylene	50.0	48.8		ug/L		98	71 - 125	3	25
Toluene	50.0	49.4		ug/L		99	70 - 130	4	25
trans-1,4-Dichloro-2-butene	50.0	53.9		ug/L		108	70 - 130	0	25

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-75998/4

Matrix: Water

Analysis Batch: 75998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	48.1		ug/L		96	75 - 125	3	25
trans-1,3-Dichloropropene	50.0	51.2		ug/L		102	66 - 125	0	25
1,1,1-Trichloroethane	50.0	54.3		ug/L		109	70 - 130	3	25
1,1,2-Trichloroethane	50.0	50.6		ug/L		101	70 - 130	1	25
Trichloroethene	50.0	49.7		ug/L		99	75 - 135	3	25
Trichlorofluoromethane	50.0	55.8		ug/L		112	60 - 140	6	25
1,2,3-Trichloropropane	50.0	50.2		ug/L		100	75 - 125	3	25
Vinyl acetate	250	270		ug/L		108	60 - 140	1	25
Vinyl chloride	50.0	51.2		ug/L		102	60 - 140	5	25
Xylenes, Total	100	99.4		ug/L		99	75 - 125	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	100		80 - 117
1,2-Dichloroethane-d4 (Surr)	104		63 - 144
Dibromofluoromethane (Surr)	105		75 - 131
4-Bromofluorobenzene (Surr)	104		74 - 124

Lab Sample ID: 680-224247-15 MS

Matrix: Water

Analysis Batch: 75998

Client Sample ID: PPMP-66-MW02RR

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	1.2	U	250	245		ug/L		98	60 - 140
Acrylonitrile	14	U	500	565		ug/L		113	50 - 150
Benzene	0.53	U	50.0	55.7		ug/L		111	66 - 142
Bromochloromethane	0.66	U	50.0	56.9		ug/L		114	60 - 140
Bromodichloromethane	0.55	U	50.0	57.5		ug/L		115	75 - 125
Bromoform	0.63	U	50.0	46.8		ug/L		94	75 - 125
Bromomethane	1.4	U	50.0	53.8		ug/L		108	60 - 140
2-Butanone (MEK)	8.3	U	250	253		ug/L		101	60 - 140
Carbon disulfide	1.9	U	50.0	52.1		ug/L		104	60 - 140
Carbon tetrachloride	0.90	U	50.0	60.9		ug/L		122	62 - 125
Chlorobenzene	0.53	U	50.0	55.0		ug/L		110	60 - 133
Chloroethane	2.0	U	50.0	57.1		ug/L		114	60 - 140
Chloroform	0.64	U	50.0	59.9		ug/L		120	70 - 130
Chloromethane	2.0	U	50.0	59.5		ug/L		119	60 - 140
cis-1,2-Dichloroethene	10		50.0	72.4		ug/L		124	75 - 125
cis-1,3-Dichloropropene	1.1	U	50.0	56.9		ug/L		114	74 - 125
Dibromochloromethane	0.55	U	50.0	56.1		ug/L		112	73 - 125
1,2-Dibromo-3-Chloropropane	1.3	U	50.0	56.7		ug/L		113	59 - 125
1,2-Dibromoethane	1.0	U	50.0	55.8		ug/L		112	73 - 125
Dibromomethane	0.69	U	50.0	56.9		ug/L		114	69 - 127
1,2-Dichlorobenzene	0.51	U	50.0	54.4		ug/L		109	75 - 125
1,4-Dichlorobenzene	0.51	U	50.0	55.1		ug/L		110	75 - 125
1,1-Dichloroethane	0.64	U	50.0	59.0		ug/L		118	72 - 125
1,2-Dichloroethane	0.59	U	50.0	57.6		ug/L		115	68 - 127
1,1-Dichloroethene	0.74	U	50.0	53.4		ug/L		107	59 - 172
1,2-Dichloropropane	0.67	U	50.0	55.8		ug/L		112	74 - 125

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 680-224247-15 MS

Matrix: Water

Analysis Batch: 75998

Client Sample ID: PPMP-66-MW02RR

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichloropropane	0.51	U	50.0	56.3		ug/L		113	75 - 125
Ethylbenzene	0.41	U	50.0	55.4		ug/L		111	75 - 125
2-Hexanone	7.4	U	250	276		ug/L		110	60 - 140
Iodomethane	6.5	U	50.0	61.9		ug/L		124	75 - 125
Methylene Chloride	1.7	U	50.0	54.2		ug/L		108	75 - 125
4-Methyl-2-pentanone (MIBK)	7.5	U	250	278		ug/L		111	60 - 140
Methyl tert-butyl ether	1.4	U	50.0	58.3		ug/L		117	65 - 135
m,p-Xylenes	1.2	U	50.0	56.3		ug/L		113	75 - 125
o-Xylene	0.55	U	50.0	56.0		ug/L		112	75 - 125
Styrene	0.66	U	50.0	55.9		ug/L		112	75 - 125
1,1,1,2-Tetrachloroethane	0.64	U	50.0	56.0		ug/L		112	72 - 125
1,1,2,2-Tetrachloroethane	0.47	U	50.0	55.9		ug/L		112	74 - 125
Tetrachloroethylene	0.80	U	50.0	54.9		ug/L		110	71 - 125
Toluene	0.48	U	50.0	55.6		ug/L		111	59 - 139
trans-1,4-Dichloro-2-butene	1.4	U	50.0	61.1		ug/L		122	70 - 130
trans-1,2-Dichloroethene	2.6		50.0	55.5		ug/L		106	75 - 125
trans-1,3-Dichloropropene	1.3	U	50.0	57.0		ug/L		114	66 - 125
1,1,1-Trichloroethane	1.7	U	50.0	60.1		ug/L		120	75 - 125
1,1,2-Trichloroethane	0.51	U	50.0	56.2		ug/L		112	75 - 127
Trichloroethene	1.1	J	50.0	56.5		ug/L		111	62 - 137
Trichlorofluoromethane	0.64	U	50.0	61.3		ug/L		123	60 - 140
1,2,3-Trichloropropane	0.49	U	50.0	59.2		ug/L		118	75 - 125
Vinyl acetate	2.1	U	250	316		ug/L		126	60 - 140
Vinyl chloride	4.5		50.0	65.1		ug/L		121	60 - 140
Xylenes, Total	1.2	U	100	112		ug/L		112	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	103		80 - 117
1,2-Dichloroethane-d4 (Surr)	106		63 - 144
Dibromofluoromethane (Surr)	105		75 - 131
4-Bromofluorobenzene (Surr)	104		74 - 124

Lab Sample ID: MB 860-76242/9

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	U	100	1.2	ug/L			11/04/22 12:19	1
Acrylonitrile	14	U	50	14	ug/L			11/04/22 12:19	1
Benzene	0.53	U	1.0	0.53	ug/L			11/04/22 12:19	1
Bromochloromethane	0.66	U	1.0	0.66	ug/L			11/04/22 12:19	1
Bromodichloromethane	0.55	U	1.0	0.55	ug/L			11/04/22 12:19	1
Bromoform	0.63	U	5.0	0.63	ug/L			11/04/22 12:19	1
Bromomethane	1.4	U	5.0	1.4	ug/L			11/04/22 12:19	1
2-Butanone (MEK)	8.3	U	50	8.3	ug/L			11/04/22 12:19	1
Carbon disulfide	1.9	U	5.0	1.9	ug/L			11/04/22 12:19	1
Carbon tetrachloride	0.90	U	5.0	0.90	ug/L			11/04/22 12:19	1
Chlorobenzene	0.53	U	1.0	0.53	ug/L			11/04/22 12:19	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-76242/9

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	2.0	U	10	2.0	ug/L			11/04/22 12:19	1
Chloroform	0.64	U	1.0	0.64	ug/L			11/04/22 12:19	1
Chloromethane	2.0	U	10	2.0	ug/L			11/04/22 12:19	1
cis-1,2-Dichloroethene	0.71	U	1.0	0.71	ug/L			11/04/22 12:19	1
cis-1,3-Dichloropropene	1.1	U	5.0	1.1	ug/L			11/04/22 12:19	1
Dibromochloromethane	0.55	U	5.0	0.55	ug/L			11/04/22 12:19	1
1,2-Dibromo-3-Chloropropane	1.3	U	5.0	1.3	ug/L			11/04/22 12:19	1
1,2-Dibromoethane	1.0	U	5.0	1.0	ug/L			11/04/22 12:19	1
Dibromomethane	0.69	U	1.0	0.69	ug/L			11/04/22 12:19	1
1,2-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/04/22 12:19	1
1,4-Dichlorobenzene	0.51	U	1.0	0.51	ug/L			11/04/22 12:19	1
1,1-Dichloroethane	0.64	U	1.0	0.64	ug/L			11/04/22 12:19	1
1,2-Dichloroethane	0.59	U	1.0	0.59	ug/L			11/04/22 12:19	1
1,1-Dichloroethene	0.74	U	1.0	0.74	ug/L			11/04/22 12:19	1
1,2-Dichloropropane	0.67	U	5.0	0.67	ug/L			11/04/22 12:19	1
1,3-Dichloropropane	0.51	U	5.0	0.51	ug/L			11/04/22 12:19	1
Ethylbenzene	0.41	U	1.0	0.41	ug/L			11/04/22 12:19	1
2-Hexanone	7.4	U	50	7.4	ug/L			11/04/22 12:19	1
Iodomethane	6.5	U	20	6.5	ug/L			11/04/22 12:19	1
Methylene Chloride	1.7	U	5.0	1.7	ug/L			11/04/22 12:19	1
4-Methyl-2-pentanone (MIBK)	7.5	U	50	7.5	ug/L			11/04/22 12:19	1
Methyl tert-butyl ether	1.4	U	5.0	1.4	ug/L			11/04/22 12:19	1
m,p-Xylenes	1.2	U	10	1.2	ug/L			11/04/22 12:19	1
o-Xylene	0.55	U	1.0	0.55	ug/L			11/04/22 12:19	1
Styrene	0.66	U	1.0	0.66	ug/L			11/04/22 12:19	1
1,1,1,2-Tetrachloroethane	0.64	U	1.0	0.64	ug/L			11/04/22 12:19	1
1,1,2,2-Tetrachloroethane	0.47	U	1.0	0.47	ug/L			11/04/22 12:19	1
Tetrachloroethylene	0.80	U	1.0	0.80	ug/L			11/04/22 12:19	1
Toluene	0.48	U	1.0	0.48	ug/L			11/04/22 12:19	1
trans-1,4-Dichloro-2-butene	1.4	U	10	1.4	ug/L			11/04/22 12:19	1
trans-1,2-Dichloroethene	0.95	U	1.0	0.95	ug/L			11/04/22 12:19	1
trans-1,3-Dichloropropene	1.3	U	5.0	1.3	ug/L			11/04/22 12:19	1
1,1,1-Trichloroethane	1.7	U	5.0	1.7	ug/L			11/04/22 12:19	1
1,1,2-Trichloroethane	0.51	U	1.0	0.51	ug/L			11/04/22 12:19	1
Trichloroethene	0.79	U	5.0	0.79	ug/L			11/04/22 12:19	1
Trichlorofluoromethane	0.64	U	1.0	0.64	ug/L			11/04/22 12:19	1
1,2,3-Trichloropropane	0.49	U	1.0	0.49	ug/L			11/04/22 12:19	1
Vinyl acetate	2.1	U	20	2.1	ug/L			11/04/22 12:19	1
Vinyl chloride	0.64	U	2.0	0.64	ug/L			11/04/22 12:19	1
Xylenes, Total	1.2	U	10	1.2	ug/L			11/04/22 12:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 117		11/04/22 12:19	1
1,2-Dichloroethane-d4 (Surr)	113		63 - 144		11/04/22 12:19	1
Dibromofluoromethane (Surr)	97		75 - 131		11/04/22 12:19	1
4-Bromofluorobenzene (Surr)	101		74 - 124		11/04/22 12:19	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-76242/3

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	252		ug/L		101	60 - 140
Acrylonitrile	500	489		ug/L		98	60 - 140
Benzene	50.0	51.4		ug/L		103	75 - 125
Bromochloromethane	50.0	53.6		ug/L		107	60 - 140
Bromodichloromethane	50.0	50.2		ug/L		100	75 - 125
Bromoform	50.0	48.7		ug/L		97	70 - 130
Bromomethane	50.0	41.2		ug/L		82	60 - 140
2-Butanone (MEK)	250	267		ug/L		107	60 - 140
Carbon disulfide	50.0	45.6		ug/L		91	60 - 140
Carbon tetrachloride	50.0	55.9		ug/L		112	70 - 130
Chlorobenzene	50.0	49.1		ug/L		98	65 - 135
Chloroethane	50.0	50.7		ug/L		101	60 - 140
Chloroform	50.0	54.0		ug/L		108	70 - 121
Chloromethane	50.0	44.5		ug/L		89	60 - 140
cis-1,2-Dichloroethene	50.0	55.6		ug/L		111	75 - 125
cis-1,3-Dichloropropene	50.0	49.9		ug/L		100	74 - 125
Dibromochloromethane	50.0	46.8		ug/L		94	73 - 125
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/L		88	59 - 125
1,2-Dibromoethane	50.0	51.9		ug/L		104	73 - 125
Dibromomethane	50.0	53.3		ug/L		107	69 - 127
1,2-Dichlorobenzene	50.0	50.1		ug/L		100	75 - 125
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	75 - 125
1,1-Dichloroethane	50.0	54.8		ug/L		110	70 - 130
1,2-Dichloroethane	50.0	54.7		ug/L		109	72 - 130
1,1-Dichloroethene	50.0	44.2		ug/L		88	50 - 150
1,2-Dichloropropane	50.0	53.2		ug/L		106	74 - 125
1,3-Dichloropropane	50.0	49.7		ug/L		99	75 - 125
Ethylbenzene	50.0	53.1		ug/L		106	75 - 125
2-Hexanone	250	273		ug/L		109	60 - 140
Methylene Chloride	50.0	47.7		ug/L		95	75 - 125
4-Methyl-2-pentanone (MIBK)	250	304		ug/L		122	60 - 140
Methyl tert-butyl ether	50.0	54.0		ug/L		108	65 - 135
m,p-Xylenes	50.0	53.3		ug/L		107	75 - 125
o-Xylene	50.0	48.4		ug/L		97	75 - 125
Styrene	50.0	45.7		ug/L		91	75 - 125
1,1,1,2-Tetrachloroethane	50.0	48.1		ug/L		96	72 - 125
1,1,2,2-Tetrachloroethane	50.0	50.6		ug/L		101	74 - 125
Tetrachloroethylene	50.0	52.8		ug/L		106	71 - 125
Toluene	50.0	49.8		ug/L		100	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.8		ug/L		98	70 - 130
trans-1,2-Dichloroethene	50.0	40.1		ug/L		80	75 - 125
trans-1,3-Dichloropropene	50.0	49.7		ug/L		99	66 - 125
1,1,1-Trichloroethane	50.0	51.2		ug/L		102	70 - 130
1,1,2-Trichloroethane	50.0	49.7		ug/L		99	70 - 130
Trichloroethene	50.0	46.8		ug/L		94	75 - 135
Trichlorofluoromethane	50.0	52.3		ug/L		105	60 - 140
1,2,3-Trichloropropane	50.0	48.3		ug/L		97	75 - 125
Vinyl acetate	250	250		ug/L		100	60 - 140

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-76242/3

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	50.0	50.3		ug/L		101	60 - 140
Xylenes, Total	100	102		ug/L		102	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 117
1,2-Dichloroethane-d4 (Surr)	101		63 - 144
Dibromofluoromethane (Surr)	103		75 - 131
4-Bromofluorobenzene (Surr)	105		74 - 124

Lab Sample ID: LCSD 860-76242/4

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	267		ug/L		107	60 - 140	6	25
Acrylonitrile	500	496		ug/L		99	60 - 140	1	25
Benzene	50.0	53.6		ug/L		107	75 - 125	4	25
Bromochloromethane	50.0	53.7		ug/L		107	60 - 140	0	25
Bromodichloromethane	50.0	51.6		ug/L		103	75 - 125	3	25
Bromoform	50.0	51.5		ug/L		103	70 - 130	5	25
Bromomethane	50.0	40.6		ug/L		81	60 - 140	1	25
2-Butanone (MEK)	250	261		ug/L		105	60 - 140	2	25
Carbon disulfide	50.0	47.1		ug/L		94	60 - 140	3	25
Carbon tetrachloride	50.0	60.0		ug/L		120	70 - 130	7	25
Chlorobenzene	50.0	51.4		ug/L		103	65 - 135	5	25
Chloroethane	50.0	52.7		ug/L		105	60 - 140	4	25
Chloroform	50.0	55.1		ug/L		110	70 - 121	2	25
Chloromethane	50.0	45.7		ug/L		91	60 - 140	3	25
cis-1,2-Dichloroethene	50.0	56.1		ug/L		112	75 - 125	1	25
cis-1,3-Dichloropropene	50.0	51.2		ug/L		102	74 - 125	2	25
Dibromochloromethane	50.0	49.4		ug/L		99	73 - 125	5	25
1,2-Dibromo-3-Chloropropane	50.0	46.8		ug/L		94	59 - 125	6	25
1,2-Dibromoethane	50.0	54.3		ug/L		109	73 - 125	5	25
Dibromomethane	50.0	54.6		ug/L		109	69 - 127	2	25
1,2-Dichlorobenzene	50.0	53.1		ug/L		106	75 - 125	6	25
1,4-Dichlorobenzene	50.0	51.2		ug/L		102	75 - 125	5	25
1,1-Dichloroethane	50.0	55.4		ug/L		111	70 - 130	1	25
1,2-Dichloroethane	50.0	53.5		ug/L		107	72 - 130	2	25
1,1-Dichloroethene	50.0	45.6		ug/L		91	50 - 150	3	25
1,2-Dichloropropane	50.0	55.1		ug/L		110	74 - 125	4	25
1,3-Dichloropropane	50.0	51.4		ug/L		103	75 - 125	3	25
Ethylbenzene	50.0	55.8		ug/L		112	75 - 125	5	25
2-Hexanone	250	284		ug/L		113	60 - 140	4	25
Iodomethane	50.0	38.5		ug/L		77	75 - 125	9	25
Methylene Chloride	50.0	48.1		ug/L		96	75 - 125	1	25
4-Methyl-2-pentanone (MIBK)	250	311		ug/L		124	60 - 140	2	25
Methyl tert-butyl ether	50.0	57.8		ug/L		116	65 - 135	7	25
m,p-Xylenes	50.0	56.1		ug/L		112	75 - 125	5	25

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-76242/4

Matrix: Water

Analysis Batch: 76242

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene	50.0	51.0		ug/L		102	75 - 125	5	25
Styrene	50.0	48.3		ug/L		97	75 - 125	6	25
1,1,1,2-Tetrachloroethane	50.0	50.5		ug/L		101	72 - 125	5	25
1,1,2,2-Tetrachloroethane	50.0	51.0		ug/L		102	74 - 125	1	25
Tetrachloroethylene	50.0	56.5		ug/L		113	71 - 125	7	25
Toluene	50.0	52.5		ug/L		105	70 - 130	5	25
trans-1,4-Dichloro-2-butene	50.0	51.8		ug/L		104	70 - 130	6	25
trans-1,2-Dichloroethene	50.0	41.1		ug/L		82	75 - 125	2	25
trans-1,3-Dichloropropene	50.0	51.9		ug/L		104	66 - 125	4	25
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	70 - 130	7	25
1,1,2-Trichloroethane	50.0	51.2		ug/L		102	70 - 130	3	25
Trichloroethene	50.0	48.7		ug/L		97	75 - 135	4	25
Trichlorofluoromethane	50.0	57.5		ug/L		115	60 - 140	9	25
1,2,3-Trichloropropane	50.0	50.8		ug/L		102	75 - 125	5	25
Vinyl acetate	250	255		ug/L		102	60 - 140	2	25
Vinyl chloride	50.0	54.4		ug/L		109	60 - 140	8	25
Xylenes, Total	100	107		ug/L		107	75 - 125	5	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 117
1,2-Dichloroethane-d4 (Surr)	101		63 - 144
Dibromofluoromethane (Surr)	102		75 - 131
4-Bromofluorobenzene (Surr)	105		74 - 124

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 680-749263/22

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	0.30	U	1.1	0.30	ug/L			11/07/22 14:33	1
Ethene	0.31	U	1.0	0.31	ug/L			11/07/22 14:33	1
Methane	0.57	U	0.58	0.57	ug/L			11/07/22 14:33	1

Lab Sample ID: LCS 680-749263/18

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane (TCD)	1920	1960		ug/L		102	75 - 125

Lab Sample ID: LCS 680-749263/20

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	361	338		ug/L		94	75 - 125
Ethene	337	313		ug/L		93	75 - 125

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 680-749263/20

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methane	192	175		ug/L		91	75 - 125

Lab Sample ID: LCSD 680-749263/19

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane (TCD)	1920	1960		ug/L		102	75 - 125	0	30

Lab Sample ID: LCSD 680-749263/21

Matrix: Water

Analysis Batch: 749263

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	361	352		ug/L		98	75 - 125	4	30
Ethene	337	321		ug/L		95	75 - 125	3	30
Methane	192	179		ug/L		93	75 - 125	2	30

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-751010/33

Matrix: Water

Analysis Batch: 751010

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			11/16/22 18:42	1

Lab Sample ID: LCS 680-751010/35

Matrix: Water

Analysis Batch: 751010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.90		mg/L		99	87 - 111

Lab Sample ID: LCSD 680-751010/36

Matrix: Water

Analysis Batch: 751010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.92		mg/L		99	87 - 111	0	15

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-749538/2

Matrix: Water

Analysis Batch: 749538

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.50	U	1.0	0.50	mg/L			11/05/22 16:11	1

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QC Sample Results

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 680-749538/3

Matrix: Water

Analysis Batch: 749538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	20.0	20.2		mg/L		101	80 - 120
Total Organic Carbon - Quad	20.0	20.2		mg/L		101	80 - 120
TOC Result 1	20.0	20.0		mg/L		100	80 - 120
TOC Result 2	20.0	20.2		mg/L		101	80 - 120
TOC Result 3	20.0	20.2		mg/L		101	80 - 120
TOC Result 4	20.0	20.3		mg/L		101	80 - 120

Lab Sample ID: LCSD 680-749538/4

Matrix: Water

Analysis Batch: 749538

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	20.0	20.4		mg/L		102	80 - 120	1	25
Total Organic Carbon - Quad	20.0	20.4		mg/L		102	80 - 120	1	25
TOC Result 1	20.0	20.4		mg/L		102	80 - 120	2	25
TOC Result 2	20.0	20.2		mg/L		101	80 - 120	0	25
TOC Result 3	20.0	20.7		mg/L		103	80 - 120	3	25
TOC Result 4	20.0	20.4		mg/L		102	80 - 120	1	25

QC Association Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

GC/MS VOA

Analysis Batch: 75953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-1	PPMP-66-MW04	Total/NA	Water	8260D	
680-224247-2	PPMP-66-MW11	Total/NA	Water	8260D	
680-224247-3	PPMP-66-MW07	Total/NA	Water	8260D	
680-224247-4	PPMP-66-MW13	Total/NA	Water	8260D	
680-224247-5	PPMP-66-MW14	Total/NA	Water	8260D	
680-224247-6	PPMP-66-MW17	Total/NA	Water	8260D	
680-224247-7	PPMP-66-MW18R	Total/NA	Water	8260D	
680-224247-8	PPMP-66-MW01	Total/NA	Water	8260D	
680-224247-9	DUP404	Total/NA	Water	8260D	
680-224247-10	TB604	Total/NA	Water	8260D	
680-224247-11	PPMP-66-MW22	Total/NA	Water	8260D	
680-224247-12	PPMP-66-MW16	Total/NA	Water	8260D	
680-224247-13	PPMP-66-MW08	Total/NA	Water	8260D	
680-224247-14	PPMP-66-MW23R	Total/NA	Water	8260D	
680-224247-16	PPMP-66-MW24R	Total/NA	Water	8260D	
680-224247-19	EB144	Total/NA	Water	8260D	
MB 860-75953/10	Method Blank	Total/NA	Water	8260D	
LCS 860-75953/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-75953/4	Lab Control Sample Dup	Total/NA	Water	8260D	
680-224247-16 MS	PPMP-66-MW24R	Total/NA	Water	8260D	
680-224247-16 MSD	PPMP-66-MW24R	Total/NA	Water	8260D	

Analysis Batch: 75998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-15	PPMP-66-MW02RR	Total/NA	Water	8260D	
680-224247-17	PPMP-66-MW06R	Total/NA	Water	8260D	
680-224247-18	DUP403	Total/NA	Water	8260D	
680-224247-20	MATERIAL113	Total/NA	Water	8260D	
MB 860-75998/10	Method Blank	Total/NA	Water	8260D	
LCS 860-75998/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-75998/4	Lab Control Sample Dup	Total/NA	Water	8260D	
680-224247-15 MS	PPMP-66-MW02RR	Total/NA	Water	8260D	

Analysis Batch: 76242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-10 - RA	TB604	Total/NA	Water	8260D	
MB 860-76242/9	Method Blank	Total/NA	Water	8260D	
LCS 860-76242/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-76242/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC VOA

Analysis Batch: 749263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-14	PPMP-66-MW23R	Total/NA	Water	RSK-175	
680-224247-15	PPMP-66-MW02RR	Total/NA	Water	RSK-175	
680-224247-17	PPMP-66-MW06R	Total/NA	Water	RSK-175	
680-224247-18	DUP403	Total/NA	Water	RSK-175	
MB 680-749263/22	Method Blank	Total/NA	Water	RSK-175	
LCS 680-749263/18	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 680-749263/20	Lab Control Sample	Total/NA	Water	RSK-175	

Eurofins Savannah

QC Association Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

GC VOA (Continued)

Analysis Batch: 749263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-749263/19	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 680-749263/21	Lab Control Sample Dup	Total/NA	Water	RSK-175	

HPLC/IC

Analysis Batch: 751010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-14	PPMP-66-MW23R	Total/NA	Water	9056A	
MB 680-751010/33	Method Blank	Total/NA	Water	9056A	
LCS 680-751010/35	Lab Control Sample	Total/NA	Water	9056A	
LCSD 680-751010/36	Lab Control Sample Dup	Total/NA	Water	9056A	

General Chemistry

Analysis Batch: 749538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-224247-14	PPMP-66-MW23R	Total/NA	Water	9060A	
680-224247-15	PPMP-66-MW02RR	Total/NA	Water	9060A	
680-224247-17	PPMP-66-MW06R	Total/NA	Water	9060A	
680-224247-18	DUP403	Total/NA	Water	9060A	
MB 680-749538/2	Method Blank	Total/NA	Water	9060A	
LCS 680-749538/3	Lab Control Sample	Total/NA	Water	9060A	
LCSD 680-749538/4	Lab Control Sample Dup	Total/NA	Water	9060A	

Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW04

Lab Sample ID: 680-224247-1

Date Collected: 10/25/22 09:06

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/02/22 23:58	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW11

Lab Sample ID: 680-224247-2

Date Collected: 10/25/22 10:06

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 00:18	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW07

Lab Sample ID: 680-224247-3

Date Collected: 10/25/22 13:11

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 00:39	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW13

Lab Sample ID: 680-224247-4

Date Collected: 10/25/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 01:00	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW14

Lab Sample ID: 680-224247-5

Date Collected: 10/25/22 10:40

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 01:20	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW17

Lab Sample ID: 680-224247-6

Date Collected: 10/25/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 01:41	TTD	EET HOU
Instrument ID: A325										

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Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW18R

Lab Sample ID: 680-224247-7

Date Collected: 10/25/22 13:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 02:01	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW01

Lab Sample ID: 680-224247-8

Date Collected: 10/25/22 09:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 02:22	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: DUP404

Lab Sample ID: 680-224247-9

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 02:42	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: TB604

Lab Sample ID: 680-224247-10

Date Collected: 10/26/22 14:06

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	76242	11/04/22 15:29	AN	EET HOU
Instrument ID: A294										
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/02/22 22:56	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW22

Lab Sample ID: 680-224247-11

Date Collected: 10/26/22 09:41

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 03:03	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW16

Lab Sample ID: 680-224247-12

Date Collected: 10/26/22 10:51

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 03:23	TTD	EET HOU
Instrument ID: A325										

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Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW08

Lab Sample ID: 680-224247-13

Date Collected: 10/26/22 13:45

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 03:44	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW23R

Lab Sample ID: 680-224247-14

Date Collected: 10/26/22 11:45

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/03/22 04:04	TTD	EET HOU
Instrument ID: A325										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	749263	11/07/22 17:35	OK	EET SAV
Instrument ID: CVGU										
Total/NA	Analysis	9056A		1	5 mL	5 mL	751010	11/16/22 21:49	UI	EET SAV
Instrument ID: CICH										
Total/NA	Analysis	9060A		1	40 mL	40 mL	749538	11/05/22 22:39	JU	EET SAV
Instrument ID: TOC8										

Client Sample ID: PPMP-66-MW02RR

Lab Sample ID: 680-224247-15

Date Collected: 10/26/22 12:01

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75998	11/03/22 16:09	TTD	EET HOU
Instrument ID: A325										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	749263	11/07/22 17:48	OK	EET SAV
Instrument ID: CVGU										
Total/NA	Analysis	9060A		1	40 mL	40 mL	749538	11/05/22 22:55	JU	EET SAV
Instrument ID: TOC8										

Client Sample ID: PPMP-66-MW24R

Lab Sample ID: 680-224247-16

Date Collected: 10/26/22 10:10

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/02/22 23:37	TTD	EET HOU
Instrument ID: A325										

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-224247-17

Date Collected: 10/26/22 08:45

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75998	11/03/22 16:50	TTD	EET HOU
Instrument ID: A325										
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	749263	11/07/22 18:01	OK	EET SAV
Instrument ID: CVGU										

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Lab Chronicle

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Client Sample ID: PPMP-66-MW06R

Lab Sample ID: 680-224247-17

Date Collected: 10/26/22 08:45

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	40 mL	40 mL	749538	11/05/22 23:14	JU	EET SAV

Client Sample ID: DUP403

Lab Sample ID: 680-224247-18

Date Collected: 10/26/22 00:00

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75998	11/03/22 17:11	TTD	EET HOU
		Instrument ID: A325								
Total/NA	Analysis	RSK-175		1	17 mL	17 mL	749263	11/07/22 18:14	OK	EET SAV
		Instrument ID: CVGU								
Total/NA	Analysis	9060A		1	40 mL	40 mL	749538	11/05/22 23:30	JU	EET SAV
		Instrument ID: TOC8								

Client Sample ID: EB144

Lab Sample ID: 680-224247-19

Date Collected: 10/26/22 13:23

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75953	11/02/22 23:17	TTD	EET HOU
		Instrument ID: A325								

Client Sample ID: MATERIAL113

Lab Sample ID: 680-224247-20

Date Collected: 10/26/22 13:04

Matrix: Water

Date Received: 10/27/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	75998	11/03/22 17:31	TTD	EET HOU
		Instrument ID: A325								

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah

Accreditation/Certification Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-23-23

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-47	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: Matrix Environmental Services, LLC
Project/Site: Parcel 66(7), Fmr Small Weapons Repair Shop

Job ID: 680-224247-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
RSK-175	Dissolved Gases (GC)	RSK	EET SAV
9056A	Anions, Ion Chromatography	SW846	EET SAV
9060A	Organic Carbon, Total (TOC)	SW846	EET SAV
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

Laboratory Eurofins
 Lab Contact Noel Savore and Beth Daughtry
 MES Contact Betty Van Pelt
 MES Phone 801-699-1246
 Project Parcel 66(7), Fmr Small Weapons Repair Shop
 Task # 22 094.23-22 1.500

COC Number 6729
 Cooler ID 1 of 1
 Page 1 of 2

Samplers Signature	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis				
								SW826D - VOC* 3-40 mL vials, HCl	RSK-175 -M,E,F 3-40 mL vials, HCl	TOC - SW9060 3-40 mL amber VOA H2SO4	SW9056 - Chloride 125 - mL Poly None	SW826B - VOC* TB 2-40 mL vials, HCl
	PPMP-66-MW04	NS	MW	WQ	G	10/25/22	0906	X				
	PPMP-66-MW11	NS	MW	WQ	G	10/25/22	1006	X				
	PPMP-66-MW07	NS	MW	WQ	G	10/25/22	1311	X				
	PPMP-66-MW13	NS	MW	WQ	G	10/25/22	1301	X				
	PPMP-66-MW14	NS	MW	WQ	G	10/25/22	1040	X				
	PPMP-66-MW17	NS	MW	WQ	G	10/25/22	1145	X				
	PPMP-66-MW18R	NS	MW	WQ	G	10/25/22	1300	X				
	PPMP-66-MW01	NS	MW	WQ	G	10/25/22	0900	X				
	DUP404	FD	WQ	W	G	10/25/22	N/A	X				
	TB604	TB	WQ	W	G	10/26/22	1406					X



Double the number of bottles for MS/MSD

NOTES:

QC Code NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS
 Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
 White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Relinquished by (Signature):  Date/Time: 10/26/22 1600 Received by (Signature): FedEX

Relinquished by (Signature):  Date/Time: 10/26/22 1600 Received by (Signature): JAL 7M 10-27-22 1030

3.4/3.4



MATRIX ENVIRONMENTAL SERVICES CHAIN OF CUSTODY RECORD

Laboratory Eurofins
 Lab Contact Noel Savone and Beth Daughtry
 MES Contact Betty Van Pelt
 MES Phone 801-699-1246
 Project Parcel 66(7), Fmr Small Weapons Repair Shop
 Task # 22.094.23-22.1

COC Number 6729
 Cooler ID 1 of 1
 Page 2 of 2

Lab Contact: <u>Reserve Unit Sent 8/8/17</u>															
MES Contact: <u>Betty Van Pelt</u>															
MES Phone: <u>801-699-1246</u>															
Project: <u>Parcel 66(7), Fmr Small Weapons Repair Shop</u>															
Task #: <u>22.094.23-22.1</u>															
															
Samplers Signature	SWMU	Station ID	QC Code	Station Code	Matrix	Sample Method	Date Collected	Sample Time	Analysis						
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW22	NS	MW	WQ	G	10/26/22	0941	X			RSK-175 -M,E,F 3-40 mL vials, HCl	TOC - SW9060 (3) 40 mL amber VOA H2SO4	SW9056 - Chloride 125 - mL Poly None	SW8260B - VOC* TB 2-40 mL vials, HCl
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW16	NS	MW	WQ	G	10/26/22	1051	X						
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW08	NS	MW	WQ	G	10/26/22	1345	X						
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW23R	NS	MW	WQ	G	10/26/22	1145	X	X	X		X	X	
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW02RR	NS	MW	WQ	G	10/26/22	1201	X	X			X		
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW24R	NS	MW	WQ	G	10/26/22	1010	X						
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW24R	MS/MSD	MW	WQ	G	10/26/22	1010	X						
Parcel 66(7), Fmr Small Weapons Repair Shop		PPMP-66-MW06R	NS	MW	WQ	G	10/26/22	0845	X	X	X		X		
McClellan Field QC		DUP403	FD	WQ	W	G	10/26/22	N/A	X	X			X		
McClellan Field QC		EB144	EB	WQ	W	G	10/26/22	1323	X						
McClellan Field QC		MATERIAL113	Material Blank	WQ	W	G	10/26/22	1304	X						

NOTES:

QC Code. NS = Investigative Sample, FD = Field Duplicate, MS/MSD = Matrix Spike/Matrix Spike Duplicate, EB = Equipment Blank, TB = Trip Blank, WQ = Water Quality, WS = Source Water
 Station Type = MW = Monitoring Well, BH = Bore Hole, SD = Sediment, SW = Surface Water, SS = Surface Soil, SU = Sump, WS = Waste Solid/Soil, WW = Waste Water
 White Copy = Lab COC, Yellow COC = Field Copy, Pink COC = Data Mgmt

Relinquished by (Signature):  Date/Time: 10/26/22 1600 Received by (Signature): FedEx
 Relinquished by (Signature):  Date/Time: 10/26/22 1600 Received by (Signature):  10-27-22 1030

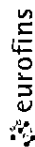
Eurofins Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environment Testing



Client Information (Sub Contract Lab)		Sampler	Lab PM:	Carrier Tracking No(s):	COC No:				
Client Contact: Shipping/Receiving		Phone:	Savoie Noel		680-714813.1				
Company: Eurofins Environment Testing South Cent		E-Mail:	Noel Savoie@et.eurofinsus.com	State of Origin: Alabama	Page: 1 of 3				
Address: 4145 Greenbriar Dr		Due Date Requested: 11/6/2022	Accreditations Required (See note): NELAP Florida						
City: Stafford	TAT Requested (days):	Analysis Requested							
State, Zip: TX 77477	PO #:	Preservation Codes:							
Phone: 281-240-4200(Tel)	IWO #:	A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2SO3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Other Z other (specify)							
Project Name: Parcel 66(7) Fmr Small Weapons Repair Shop	Project #: 68019843	Total Number of containers							
Site:	SSOW#:	Special Instructions/Note:							
Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, A=air)	Field Filtered Sample (Yes or No)	Performance MS/MSD (Yes or No)	8260D/6030C Volatiles+Acrylonitrile	Preservation Code:
PPMP-66-MW04 (680-224247-1)		10/25/22	09:06 Central		Water	X			X
PPMP-66-MW11 (680-224247-2)		10/25/22	10:06 Central		Water	X			
PPMP-66-MW07 (680-224247-3)		10/25/22	13:11 Central		Water	X			
PPMP-66-MW13 (680-224247-4)		10/25/22	12:01 Central		Water	X			
PPMP-66-MW14 (680-224247-5)		10/25/22	10:40 Central		Water	X			
PPMP-66-MW17 (680-224247-6)		10/25/22	11:45 Central		Water	X			
PPMP-66-MW18R (680-224247-7)		10/25/22	13:00 Central		Water	X			
PPMP-66-MW01 (680-224247-8)		10/25/22	09:00 Central		Water	X			
DUP404 (680-224247-9)		10/25/22	Central		Water	X			

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis of the matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification
☐ Unconfirmed
☐ Return To Client
☐ Disposal By Lab
☐ Archive For Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Deliverable Requested I, II, III IV Other (specify) Primary Deliverable Rank: 2

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: EX

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: EX

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: EX

Custody Seals Intact: Custody Seal No. Corrected Temp 3.2

Ver: 06/08/2021

Client Information (Sub Contract Lab)				Lab PM Savoie Noel		Carrier Tracking No(s): 680-714813.2	
Client Contact: Shipping/Receiving				E-Mail: Noel.Savoie@et.eurofins.com		Page: Page 2 of 3	
Company: Eurofins Environment Testing South Centre				Phone: NELAP Florida		Job #: 680-224247 1	
Address: 14145 Greenbriar Dr City: Stafford State, Zip: TX 77477				Accreditations Required (See note): NELAP Florida		Preservation Codes: A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Anchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other	
Due Date Requested: 11/6/2022				Analysis Requested			
TAT Requested (days):				Total Number of Containers			
PO #:				8260D/5030C Volatiles+Acrylonitrile			
WO #:				Perform MS/MSD (Yes or No)			
Project #: 68019843				Field Filtered Sample (Yes or No)			
Site: Parcel 68(7) Fmr Small Weapons Repair Shop				Preservation Code:			
Sample Identification Client ID (Lab ID)				Special Instructions/Note:			
TB604 (680-224247 10)				X			
PPMP-66-MW22 (680-224247 11)				X			
PPMP-66-MW16 (680-224247 12)				X			
PPMP-66-MW08 (680-224247 13)				X			
PPMP-66-MW23R (680-224247 14)				X			
PPMP-66-MW02RR (680-224247-15)				X			
PPMP-66-MW24R (680-224247 16)				X			
PPMP-66-MW24R (680-224247-16MS)				X			
PPMP-66-MW24R (680-224247 16MSD)				X			

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

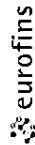
Possible Hazard Identification			
Unconfirmed			
Deliverable Requested. I II III IV Other (specify)			
Primary Deliverable Rank: 2			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Special Instructions/QC Requirements:			
Date: _____ Time: _____ Method of Shipment: _____			
Received by: _____ Date/Time: _____ Company: _____			
Received by: <i>Pedro Palom</i> Date/Time: 11/21/2022 11:10 Company: EX			
Received by: _____ Date/Time: _____ Company: _____			
Custody Seal Intact: _____ A Yes A No			
Custody Seal No. _____ Cooler Temperature(s) °C and Other Remarks: _____			

Eurofins Savannah

5102 LaRoche Avenue
Savannah GA 31404

Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environmental Testing



Client Information (Sub Contract Lab)		Sampler	Lab Pkt:	Carrier Tracking No(s):	COC No:
Client Contact: Shipping/Receiving		Phone:	Savoie, Noel	State of Origin: Alabama	680-714813 1
Company: Eurofins Environment Testing South Cent			E-Mail: Noel.Savoie@et.eurofins.com	Page: Page 1 of 3	
Address: 4145 Greenbriar Dr		Due Date Requested: 11/6/2022	Accreditations Required (See note): NELAP Florida		
City: Stafford	TAT Requested (days):		Preservation Codes:		
State, Zip: TX 77477			A HCL M Hexane B NaOH N None C Zn Acetate O AshNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecalhydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify)		
Phone: 281-240-4200 (Tel)	PO #:				
Email:	WO #:				
Project Name: Parcel 66(7) Fmr Small Weapons Repair Shop	Project #: 68019843				
Site:	SSOW#:				

Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (We-water, Seed, Op-waste, Oil, etc.)	Field Filtered Sample (Yes or No)	Performance MS/MSD (Yes or No)	8260D/5030C Volatiles+Acrylonitrile	Total Number of Containers	Special Instructions/Note
PPMP-66-MW04 (680-224247-1)		10/25/22	09:06	Central	Water	X	X	X	3	
PPMP-66-MW11 (680-224247-2)		10/25/22	10:06	Central	Water		X	X	3	
PPMP-66-MW07 (680-224247-3)		10/25/22	13:11	Central	Water		X	X	3	
PPMP-66-MW13 (680-224247-4)		10/25/22	12:01	Central	Water		X	X	3	
PPMP-66-MW14 (680-224247-5)		10/25/22	10:40	Central	Water		X	X	3	
PPMP-66-MW17 (680-224247-6)		10/25/22	11:45	Central	Water		X	X	3	
PPMP-66-MW18R (680-224247-7)		10/25/22	13:00	Central	Water		X	X	2	
PPMP-66-MW01 (680-224247-8)		10/25/22	09:00	Central	Water		X	X	3	
DUP404 (680-224247-9)		10/25/22	Central	Central	Water		X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Unconfirmed		☐ Return To Client	☐ Disposal By Lab
Deliverable Requested: I II III IV Other (specify)		Special Instructions/QC Requirements	
Empty Kit Relinquished by	Date	Time	Method of Shipment
Relinquished by	Date/Time	Company	Received by: FedEx
Relinquished by	Date/Time	Company	Received by: <i>Peter Palmer</i>
Relinquished by	Date/Time	Company	Received by:
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp 2.0 C/F +12.0 Corrected Temp 3.2	

Ver 06/08/2021

Eurofins Savannah

5102 LaRoche Avenue
Savannah GA 31404

Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record



Environmental Testing

Client Information (Sub Contract Lab)		Sampler	Lab PM:	Carrier Tracking No(s):	COC No:					
Client Contact: Shipping/Receiving		Phone:	Savoie, Noel		680-714813.2					
Company: Eurofins Environment Testing South Centre			E-Mail: Noel.Savoie@eurofins.com	State of Origin: Alabama	Page: 2 of 3					
Address: 4145 Greenbriar Dr		Due Date Requested: 11/6/2022	Job #: 680-224247 1							
City: Stafford		TAT Requested (days):	Preservation Codes:							
State/Zip: TX 77477		PO #:	A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other							
Phone: 281-240-4200(Tel)		WO #:	M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2SO3 S H2SO4 T TSP Dodecahydrate U Acetone V MCAA W pH 4-5 Y Trizma Z other (specify)							
Email:		Project #: 68019843								
Parcel Name: Parcel 66(7) Fmr Small Weapons Repair Shop		SSOW#:								
Site:										
Sample Identification	Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (W=Water, S=solid, O=waste/oh, BT=Tissue, Ash)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5030C Volatiles+Acrylonitrile	Total Number of Containers	Special Instructions/Note
TSB04 (680-224247 10)		10/26/22	14:06 Central		Water	X	X	X	2	
PPMP-66-MW22 (680-224247 11)		10/26/22	09:41 Central		Water		X		2	
PPMP-66-MW16 (680-224247 12)		10/26/22	10:51 Central		Water		X		3	
PPMP-66-MW08 (680-224247 13)		10/26/22	13:45 Central		Water		X		2	
PPMP-66-MW23R (680-224247 14)		10/26/22	11:45 Central		Water		X		3	
PPMP-66-MW02RR (680-224247 15)		10/26/22	12:01 Central		Water		X		3	
PPMP-66-MW24R (680-224247 16)		10/26/22	10:10 Central		Water		X		2	
PPMP-66-MW24R (680-224247-16MS)		10/26/22	10:10 Central	MS	Water		X		3	
PPMP-66-MW24R (680-224247 16MSD)		10/26/22	10:10 Central	MSD	Water		X		3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification
Unconfirmed
Deliverable Requested I, II, III, IV Other (specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment
Relinquished by:	Date/Time:		Received by: FedEx Date/Time:
Relinquished by:	Date/Time:		Received by: <i>Pablo Palmer</i> Date/Time: 11/2/2022 11:10
Relinquished by:	Date/Time:		Received by: Date/Time:

Custody Seals Intact:	Custody Seal No.
Δ Yes Δ No	

Colder Temperature(s) °C and Other Remarks:

Ver 06/08/2021

Phone: 912-354-7858 Fax: 912-352-0165

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-224247-1

Login Number: 224247

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Matrix Environmental Services, LLC

Job Number: 680-224247-1

Login Number: 224247

List Number: 2

Creator: Palmar, Pedro

List Source: Eurofins Houston

List Creation: 11/02/22 01:07 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Eurofins Savannah

Job Notes

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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11/22/2022 11:07:33 AM

Authorized for release by
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(850)254-0107