284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GENERAL CHEMISTRY
VOLATILE ORGANICS

PROJECT NAME : BUFFINGTON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3174

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q3174

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Cover Page

Order ID : Q3174

Project ID : Buffington

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3174-01	RPXY1
Q3174-02	SBF1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 10/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Buffington
Project # N/A
Order ID # Q3174
Test Name: VOC-TCLVOA-10,Anions Group1

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 09/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,Anions Group1. This data package contains results for VOC-TCLVOA-10(8260D),Anions Group1(9056A).

C. Analytical Techniques:
VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

Wetchem : The analysis of Anions Group1 was based on method 9056A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all compounds. The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.
The Duplicate analysis met criteria for all samples.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3174

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/06/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3174

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**RPXY1**								
Q3174-01	RPXY1	SOIL	Chloromethane		59.8		0.91	4.00	ug/Kg
Q3174-01	RPXY1	SOIL	Bromomethane		6.40		0.86	4.00	ug/Kg
Q3174-01	RPXY1	SOIL	Acetone		83.3		3.80	20.0	ug/Kg
Q3174-01	RPXY1	SOIL	Carbon Disulfide		0.96	J	0.85	4.00	ug/Kg
Q3174-01	RPXY1	SOIL	Toluene		0.93	J	0.62	4.00	ug/Kg
			Total Voc :		151				
Q3174-01	RPXY1	SOIL	Methyl Iodide	*	1.40	J	0.73	4.00	ug/Kg
			Total Tics :		1.40				
			Total Concentration:		153				
Client ID:	**SBF1**								
Q3174-02	SBF1	SOIL	Chloromethane		30.7		0.90	3.90	ug/Kg
Q3174-02	SBF1	SOIL	Bromomethane		2.40	J	0.84	3.90	ug/Kg
Q3174-02	SBF1	SOIL	Acetone		9.00	J	3.70	19.6	ug/Kg
Q3174-02	SBF1	SOIL	Chloroform		0.86	J	0.66	3.90	ug/Kg
Q3174-02	SBF1	SOIL	Toluene		1.70	J	0.61	3.90	ug/Kg
Q3174-02	SBF1	SOIL	m/p-Xylenes		1.20	J	0.97	7.90	ug/Kg
			Total Voc :		45.9				
Q3174-02	SBF1	SOIL	Methyl Iodide	*	0.81	J	0.71	3.90	ug/Kg
			Total Tics :		0.81				
			Total Concentration:		46.7				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	RPXY1	SDG No.:	Q3174
Lab Sample ID:	Q3174-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.4
Sample Wt/Vol:	7.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023372.D	1	09/25/25 14:32	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.91	U	0.91	4.00	ug/Kg
74-87-3	Chloromethane	59.8		0.91	4.00	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	4.00	ug/Kg
74-83-9	Bromomethane	6.40		0.86	4.00	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.00	ug/Kg
75-69-4	Trichlorofluoromethane	0.97	U	0.97	4.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.85	U	0.85	4.00	ug/Kg
75-35-4	1,1-Dichloroethene	0.80	U	0.80	4.00	ug/Kg
67-64-1	Acetone	83.3		3.80	20.0	ug/Kg
75-15-0	Carbon Disulfide	0.96	J	0.85	4.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	4.00	ug/Kg
79-20-9	Methyl Acetate	1.20	U	1.20	4.00	ug/Kg
75-09-2	Methylene Chloride	2.80	U	2.80	8.00	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.69	U	0.69	4.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.64	U	0.64	4.00	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.00	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	20.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.78	U	0.78	4.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.00	ug/Kg
74-97-5	Bromochloromethane	0.92	U	0.92	4.00	ug/Kg
67-66-3	Chloroform	0.67	U	0.67	4.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.74	U	0.74	4.00	ug/Kg
108-87-2	Methylcyclohexane	0.73	U	0.73	4.00	ug/Kg
71-43-2	Benzene	0.63	U	0.63	4.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.63	U	0.63	4.00	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	4.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.73	U	0.73	4.00	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	4.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.90	U	2.90	20.0	ug/Kg
108-88-3	Toluene	0.93	J	0.62	4.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	RPXY1	SDG No.:	Q3174
Lab Sample ID:	Q3174-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.4
Sample Wt/Vol:	7.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023372.D	1	09/25/25 14:32	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	U	0.74	4.00	ug/Kg
591-78-6	2-Hexanone	3.00	U	3.00	20.0	ug/Kg
124-48-1	Dibromochloromethane	0.70	U	0.70	4.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.70	U	0.70	4.00	ug/Kg
127-18-4	Tetrachloroethene	0.84	U	0.84	4.00	ug/Kg
108-90-7	Chlorobenzene	0.73	U	0.73	4.00	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.00	ug/Kg
179601-23-1	m/p-Xylenes	0.99	U	0.99	8.00	ug/Kg
95-47-6	o-Xylene	0.66	U	0.66	4.00	ug/Kg
100-42-5	Styrene	0.57	U	0.57	4.00	ug/Kg
75-25-2	Bromoform	0.69	U	0.69	4.00	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	0.97	4.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.40	U	1.40	4.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	4.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.20	U	1.20	4.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	2.40	4.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.50	U	2.50	4.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.9		63 - 155	122%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.6		17 - 146	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	636000	7.707			
540-36-3	1,4-Difluorobenzene	1170000	8.616			
3114-55-4	Chlorobenzene-d5	1150000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	538000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	RPXY1	SDG No.:	Q3174
Lab Sample ID:	Q3174-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.4
Sample Wt/Vol:	7.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023372.D	1	09/25/25 14:32	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
74-88-4	Methyl Iodide	1.40	J		4.00	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	SBF1	SDG No.:	Q3174
Lab Sample ID:	Q3174-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023373.D	1	09/25/25 14:56	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.90	U	0.90	3.90	ug/Kg
74-87-3	Chloromethane	30.7		0.90	3.90	ug/Kg
75-01-4	Vinyl Chloride	0.62	U	0.62	3.90	ug/Kg
74-83-9	Bromomethane	2.40	J	0.84	3.90	ug/Kg
75-00-3	Chloroethane	0.99	U	0.99	3.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.95	U	0.95	3.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.83	U	0.83	3.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.79	U	0.79	3.90	ug/Kg
67-64-1	Acetone	9.00	J	3.70	19.6	ug/Kg
75-15-0	Carbon Disulfide	0.83	U	0.83	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.57	U	0.57	3.90	ug/Kg
79-20-9	Methyl Acetate	1.20	U	1.20	3.90	ug/Kg
75-09-2	Methylene Chloride	2.80	U	2.80	7.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	0.68	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.63	U	0.63	3.90	ug/Kg
110-82-7	Cyclohexane	0.62	U	0.62	3.90	ug/Kg
78-93-3	2-Butanone	5.10	U	5.10	19.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.76	U	0.76	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.59	U	0.59	3.90	ug/Kg
74-97-5	Bromochloromethane	0.90	U	0.90	3.90	ug/Kg
67-66-3	Chloroform	0.86	J	0.66	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.73	U	0.73	3.90	ug/Kg
108-87-2	Methylcyclohexane	0.71	U	0.71	3.90	ug/Kg
71-43-2	Benzene	0.62	U	0.62	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.62	U	0.62	3.90	ug/Kg
79-01-6	Trichloroethene	0.64	U	0.64	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.71	U	0.71	3.90	ug/Kg
75-27-4	Bromodichloromethane	0.61	U	0.61	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.80	U	2.80	19.6	ug/Kg
108-88-3	Toluene	1.70	J	0.61	3.90	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	SBF1	SDG No.:	Q3174
Lab Sample ID:	Q3174-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023373.D	1	09/25/25 14:56	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.51	U	0.51	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.49	U	0.49	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.72	U	0.72	3.90	ug/Kg
591-78-6	2-Hexanone	2.90	U	2.90	19.6	ug/Kg
124-48-1	Dibromochloromethane	0.68	U	0.68	3.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.69	U	0.69	3.90	ug/Kg
127-18-4	Tetrachloroethene	0.82	U	0.82	3.90	ug/Kg
108-90-7	Chlorobenzene	0.71	U	0.71	3.90	ug/Kg
100-41-4	Ethyl Benzene	0.53	U	0.53	3.90	ug/Kg
179601-23-1	m/p-Xylenes	1.20	J	0.97	7.90	ug/Kg
95-47-6	o-Xylene	0.64	U	0.64	3.90	ug/Kg
100-42-5	Styrene	0.56	U	0.56	3.90	ug/Kg
75-25-2	Bromoform	0.68	U	0.68	3.90	ug/Kg
98-82-8	Isopropylbenzene	0.61	U	0.61	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	3.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.30	U	1.30	3.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.20	U	1.20	3.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.10	U	1.10	3.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	3.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.30	U	2.30	3.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.50	U	2.50	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.6		63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	51.8		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		17 - 146	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	616000	7.707			
540-36-3	1,4-Difluorobenzene	1140000	8.616			
3114-55-4	Chlorobenzene-d5	1100000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	506000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	SBF1	SDG No.:	Q3174
Lab Sample ID:	Q3174-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023373.D	1	09/25/25 14:56	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
74-88-4	Methyl Iodide	0.81	J		4.00	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SDG No.: Q3174

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3174-01	RPXY1	1,2-Dichloroethane-d4	50	60.9	122		63	155
		Dibromofluoromethane	50	54.1	108		70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	57.6	115		17	146
Q3174-02	SBF1	1,2-Dichloroethane-d4	50	59.6	119		63	155
		Dibromofluoromethane	50	53.9	108		70	134
		Toluene-d8	50	51.8	104		74	123
		4-Bromofluorobenzene	50	55.9	112		17	146
VY0925SBL01	VY0925SBL01	1,2-Dichloroethane-d4	50	54.0	108		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	49.0	98		74	123
		4-Bromofluorobenzene	50	54.6	109		17	146
VY0925SBS01	VY0925SBS01	1,2-Dichloroethane-d4	50	47.1	94		63	155
		Dibromofluoromethane	50	48.7	97		70	134
		Toluene-d8	50	49.2	98		74	123
		4-Bromofluorobenzene	50	49.4	99		17	146
VY0925SBSD01	VY0925SBSD01	1,2-Dichloroethane-d4	50	46.0	92		63	155
		Dibromofluoromethane	50	47.4	95		70	134
		Toluene-d8	50	47.6	95		74	123
		4-Bromofluorobenzene	50	48.2	96		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3174 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023365.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0925SBS01	Dichlorodifluoromethane	20	21.4	ug/Kg	107			64	136	
	Chloromethane	20	20.1	ug/Kg	101			52	151	
	Vinyl chloride	20	20.1	ug/Kg	101			56	148	
	Bromomethane	20	20.5	ug/Kg	103			58	141	
	Chloroethane	20	19.8	ug/Kg	99			69	130	
	Trichlorofluoromethane	20	21.3	ug/Kg	106			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	130	ug/Kg	130			40	171	
	Carbon disulfide	20	19.0	ug/Kg	95			59	130	
	Methyl tert-butyl Ether	20	20.3	ug/Kg	102			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			69	149	
	Methylene Chloride	20	25.0	ug/Kg	125			72	131	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			80	123	
	1,1-Dichloroethane	20	19.7	ug/Kg	99			82	123	
	Cyclohexane	20	20.0	ug/Kg	100			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.4	ug/Kg	102			76	129	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	Bromochloromethane	20	19.0	ug/Kg	95			80	127	
	Chloroform	20	19.8	ug/Kg	99			82	125	
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101			80	126	
	Methylcyclohexane	20	20.9	ug/Kg	104			77	123	
	Benzene	20	20.3	ug/Kg	102			84	121	
	1,2-Dichloroethane	20	19.9	ug/Kg	100			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	19.7	ug/Kg	99			83	122	
	Bromodichloromethane	20	19.8	ug/Kg	99			82	123	
	4-Methyl-2-Pentanone	100	98.2	ug/Kg	98			70	135	
	Toluene	20	20.4	ug/Kg	102			83	122	
	t-1,3-Dichloropropene	20	20.1	ug/Kg	101			78	124	
	cis-1,3-Dichloropropene	20	20.4	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	19.5	ug/Kg	98			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	19.7	ug/Kg	99			79	125	
	1,2-Dibromoethane	20	19.9	ug/Kg	100			80	125	
	Tetrachloroethene	20	20.8	ug/Kg	104			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	21.0	ug/Kg	105			82	124	
	m/p-Xylenes	40	42.0	ug/Kg	105			83	124	
	o-Xylene	20	21.0	ug/Kg	105			83	123	
	Styrene	20	20.7	ug/Kg	104			82	124	
	Bromoform	20	20.5	ug/Kg	103			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/Kg	100			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102			84	121	
	1,2-Dichlorobenzene	20	20.6	ug/Kg	103			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3174 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023365.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0925SBS01	1,2-Dibromo-3-Chloropropane	20	19.4	ug/Kg	97			66	134	
	1,2,4-Trichlorobenzene	20	21.5	ug/Kg	108			78	127	
	1,2,3-Trichlorobenzene	20	21.1	ug/Kg	106			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3174 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023366.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0925SBSD01	Dichlorodifluoromethane	20	20.7	ug/Kg	104	3		64	136	20
	Chloromethane	20	20.0	ug/Kg	100	1		52	151	20
	Vinyl chloride	20	20.5	ug/Kg	103	2		56	148	20
	Bromomethane	20	19.9	ug/Kg	100	3		58	141	20
	Chloroethane	20	19.9	ug/Kg	100	1		69	130	20
	Trichlorofluoromethane	20	21.3	ug/Kg	106	0		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/Kg	99	5		81	123	20
	1,1-Dichloroethene	20	19.8	ug/Kg	99	4		79	121	20
	Acetone	100	120	ug/Kg	120	8		40	171	20
	Carbon disulfide	20	18.7	ug/Kg	94	1		59	130	20
	Methyl tert-butyl Ether	20	19.4	ug/Kg	97	5		77	129	20
	Methyl Acetate	20	18.8	ug/Kg	94	2		69	149	20
	Methylene Chloride	20	24.7	ug/Kg	124	1		72	131	20
	trans-1,2-Dichloroethene	20	19.5	ug/Kg	98	3		80	123	20
	1,1-Dichloroethane	20	19.4	ug/Kg	97	2		82	123	20
	Cyclohexane	20	19.3	ug/Kg	97	3		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	19.8	ug/Kg	99	3		76	129	20
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100	0		82	123	20
	Bromochloromethane	20	18.5	ug/Kg	93	2		80	127	20
	Chloroform	20	19.4	ug/Kg	97	2		82	125	20
	1,1,1-Trichloroethane	20	19.6	ug/Kg	98	3		80	126	20
	Methylcyclohexane	20	20.2	ug/Kg	101	3		77	123	20
	Benzene	20	19.8	ug/Kg	99	3		84	121	20
	1,2-Dichloroethane	20	19.1	ug/Kg	96	4		81	126	20
	Trichloroethene	20	20.3	ug/Kg	102	1		83	122	20
	1,2-Dichloropropane	20	19.5	ug/Kg	98	1		83	122	20
	Bromodichloromethane	20	19.2	ug/Kg	96	3		82	123	20
	4-Methyl-2-Pentanone	100	96.5	ug/Kg	97	1		70	135	20
	Toluene	20	19.9	ug/Kg	100	2		83	122	20
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98	3		78	124	20
	cis-1,3-Dichloropropene	20	19.8	ug/Kg	99	3		81	122	20
	1,1,2-Trichloroethane	20	18.8	ug/Kg	94	4		82	125	20
	2-Hexanone	100	110	ug/Kg	110	0		66	138	20
	Dibromochloromethane	20	19.4	ug/Kg	97	2		79	125	20
	1,2-Dibromoethane	20	19.0	ug/Kg	95	5		80	125	20
	Tetrachloroethene	20	21.2	ug/Kg	106	2		83	125	20
	Chlorobenzene	20	20.2	ug/Kg	101	3		84	122	20
	Ethyl Benzene	20	20.3	ug/Kg	102	3		82	124	20
	m/p-Xylenes	40	40.8	ug/Kg	102	3		83	124	20
	o-Xylene	20	20.7	ug/Kg	104	1		83	123	20
	Styrene	20	20.1	ug/Kg	101	3		82	124	20
	Bromoform	20	19.6	ug/Kg	98	5		75	127	20
	Isopropylbenzene	20	20.6	ug/Kg	103	2		82	124	20
	1,1,2,2-Tetrachloroethane	20	19.0	ug/Kg	95	5		77	127	20
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102	1		83	122	20
	1,4-Dichlorobenzene	20	20.0	ug/Kg	100	2		84	121	20
	1,2-Dichlorobenzene	20	20.3	ug/Kg	102	1		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3174 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023366.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0925SBSD01	1,2-Dibromo-3-Chloropropane	20	19.9	ug/Kg	100	3		66	134	20
	1,2,4-Trichlorobenzene	20	21.6	ug/Kg	108	0		78	127	20
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104	2		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY0925SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3174

Lab File ID: VY023364.D | Lab Sample ID: VY0925SBL01

Date Analyzed: 09/25/2025 | Time Analyzed: 10:39

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0925SBS01	VY0925SBS01	VY023365.D	09/25/2025
VY0925SBSD01	VY0925SBSD01	VY023366.D	09/25/2025
RPXY1	Q3174-01	VY023372.D	09/25/2025
SBF1	Q3174-02	VY023373.D	09/25/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3174
Lab File ID: VY023302.D
BFB Injection Date: 09/08/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 09:07
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	90.6
175	5.0 - 9.0% of mass 174	6.9 (7.6) 1
176	95.0 - 101.0% of mass 174	89.4 (98.7) 1
177	5.0 - 9.0% of mass 176	5.9 (6.6) 2

1-Value is % mass 174
2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023303.D	09/08/2025	10:00
VSTDICC010	VSTDICC010	VY023304.D	09/08/2025	10:23
VSTDICC020	VSTDICC020	VY023305.D	09/08/2025	11:01
VSTDICCC050	VSTDICCC050	VY023306.D	09/08/2025	11:23
VSTDICC100	VSTDICC100	VY023307.D	09/08/2025	11:46
VSTDICC150	VSTDICC150	VY023308.D	09/08/2025	12:08

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3174

Lab File ID: VY023362.D | BFB Injection Date: 09/25/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:30

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (0.9) 1
174	50.0 - 100.0% of mass 95	90.2
175	5.0 - 9.0% of mass 174	6.7 (7.4) 1
176	95.0 - 101.0% of mass 174	86.1 (95.5) 1
177	5.0 - 9.0% of mass 176	5.8 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023363.D	09/25/2025	10:02
VY0925SBL01	VY0925SBL01	VY023364.D	09/25/2025	10:39
VY0925SBS01	VY0925SBS01	VY023365.D	09/25/2025	11:17
VY0925SBSD01	VY0925SBSD01	VY023366.D	09/25/2025	11:40
RPXY1	Q3174-01	VY023372.D	09/25/2025	14:32
SBF1	Q3174-02	VY023373.D	09/25/2025	14:56

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3174

Lab File ID: VY023363.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:02

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	631796	7.71	940041	8.62	821307	11.41
UPPER LIMIT	1263590	8.207	1880080	9.116	1642610	11.914
LOWER LIMIT	315898	7.207	470021	8.116	410654	10.914
EPA SAMPLE NO.						
RPXY1	636134	7.71	1166329	8.62	1147896	11.41
SBF1	616227	7.71	1138197	8.62	1103007	11.41
VY0925SBL01	701667	7.71	1240929	8.62	1153810	11.41
VY0925SBS01	598680	7.71	900176	8.62	766959	11.41
VY0925SBSD01	592925	7.71	889198	8.62	770961	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3174

Lab File ID: VY023363.D Date Analyzed: 09/25/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:02

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	424523	13.347				
UPPER LIMIT	849046	13.847				
LOWER LIMIT	212262	12.847				
EPA SAMPLE NO.						
RPXY1	537673	13.35				
SBF1	505673	13.35				
VY0925SBL01	541851	13.35				
VY0925SBS01	395796	13.35				
VY0925SBSD01	390902	13.34				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

 # Column used to flag values outside QC limits with an asterisk.
*** Values outside of QC limits.**

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBL01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023364.D	1	09/25/25 10:39	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBL01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023364.D	1	09/25/25 10:39	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	49.0		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		17 - 146	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	702000	7.707			
540-36-3	1,4-Difluorobenzene	1240000	8.616			
3114-55-4	Chlorobenzene-d5	1150000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	542000	13.347			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBL01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023364.D	1	09/25/25 10:39	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBS01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023365.D	1	09/25/25 11:17	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.4		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.1		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.5		1.10	5.00	ug/Kg
75-00-3	Chloroethane	19.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	130		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.3		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.4		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	25.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.0		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.4		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.9		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.9		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.7		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	98.2		3.60	25.0	ug/Kg
108-88-3	Toluene	20.4		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBS01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023365.D	1	09/25/25 11:17	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.1		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.7		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.8		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	42.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.0		0.82	5.00	ug/Kg
100-42-5	Styrene	20.7		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.6		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.1		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.1		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	49.2		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	599000	7.707			
540-36-3	1,4-Difluorobenzene	900000	8.616			
3114-55-4	Chlorobenzene-d5	767000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	396000	13.346			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBS01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023365.D	1	09/25/25 11:17	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBSD01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023366.D	1	09/25/25 11:40	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.0		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	19.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	19.9		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.8		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.4		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.7		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.4		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.8		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	18.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.2		0.91	5.00	ug/Kg
71-43-2	Benzene	19.8		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.2		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	96.5		3.60	25.0	ug/Kg
108-88-3	Toluene	19.9		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBSD01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023366.D	1	09/25/25 11:40	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.5		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	18.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.2		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.7		0.82	5.00	ug/Kg
100-42-5	Styrene	20.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.4		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.0		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.0		63 - 155	92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	47.7		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.2		17 - 146	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	593000	7.707			
540-36-3	1,4-Difluorobenzene	889000	8.616			
3114-55-4	Chlorobenzene-d5	771000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	391000	13.34			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Buffington	Date Received:	
Client Sample ID:	VY0925SBSD01	SDG No.:	Q3174
Lab Sample ID:	VY0925SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023366.D	1	09/25/25 11:40	VY092525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3174

Instrument ID: MSVOA_Y Calibration Date(s): 09/08/2025 09/08/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:00 12:08

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023303.D RRF010 = VY023304.D RRF020 = VY023305.D
RRF050 = VY023306.D RRF100 = VY023307.D RRF150 = VY023308.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.471	0.447	0.434	0.365	0.345	0.345	0.401	13.9
Chloromethane	0.661	0.637	0.604	0.534	0.507	0.502	0.574	12
Vinyl Chloride	0.800	0.786	0.757	0.695	0.653	0.647	0.723	9.3
Bromomethane	0.709	0.630	0.611	0.533	0.524	0.537	0.590	12.4
Chloroethane	0.544	0.529	0.504	0.471	0.447	0.441	0.489	8.8
Trichlorofluoromethane	0.990	0.998	0.953	0.870	0.843	0.822	0.913	8.4
1,1,2-Trichlorotrifluoroethane	0.556	0.524	0.511	0.470	0.446	0.437	0.491	9.6
1,1-Dichloroethene	0.501	0.504	0.481	0.458	0.446	0.443	0.472	5.7
Acetone	0.112	0.110	0.096	0.100	0.095	0.087	0.100	9.3
Carbon Disulfide	1.643	1.589	1.553	1.452	1.383	1.351	1.495	7.9
Methyl tert-butyl Ether	1.070	1.130	1.123	1.121	1.121	1.096	1.110	2
Methyl Acetate	0.255	0.275	0.254	0.233	0.235	0.220	0.245	8.1
Methylene Chloride	0.654	0.569	0.542	0.503	0.478	0.467	0.535	13
trans-1,2-Dichloroethene	0.555	0.544	0.542	0.519	0.506	0.498	0.528	4.4
1,1-Dichloroethane	0.918	0.913	0.899	0.844	0.823	0.816	0.869	5.3
Cyclohexane	0.882	0.799	0.790	0.728	0.711	0.704	0.769	8.9
2-Butanone	0.123	0.130	0.126	0.122	0.123	0.116	0.123	3.7
Carbon Tetrachloride	0.513	0.525	0.506	0.503	0.483	0.475	0.501	3.7
cis-1,2-Dichloroethene	0.595	0.617	0.606	0.592	0.590	0.586	0.597	2
Bromochloromethane	0.376	0.357	0.355	0.329	0.317	0.317	0.342	7.1
Chloroform	0.994	0.996	0.961	0.907	0.878	0.865	0.934	6.2
1,1,1-Trichloroethane	0.885	0.889	0.860	0.807	0.785	0.778	0.834	6
Methylcyclohexane	0.529	0.531	0.559	0.580	0.571	0.571	0.557	3.9
Benzene	1.380	1.361	1.391	1.369	1.318	1.299	1.353	2.7
1,2-Dichloroethane	0.357	0.367	0.352	0.344	0.330	0.318	0.344	5.2
Trichloroethene	0.387	0.378	0.388	0.381	0.369	0.359	0.377	3
1,2-Dichloropropane	0.313	0.315	0.316	0.305	0.297	0.288	0.306	3.6
Bromodichloromethane	0.476	0.487	0.474	0.474	0.453	0.445	0.468	3.4
4-Methyl-2-Pentanone	0.156	0.170	0.173	0.181	0.181	0.173	0.172	5.3
Toluene	0.794	0.831	0.885	0.896	0.879	0.868	0.859	4.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3174

Instrument ID: MSVOA_Y | Calibration Date(s): 09/08/2025 09/08/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 10:00 12:08

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023303.D RRF010 = VY023304.D RRF020 = VY023305.D
RRF050 = VY023306.D RRF100 = VY023307.D RRF150 = VY023308.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.374	0.395	0.401	0.420	0.417	0.410	0.403	4.2
cis-1,3-Dichloropropene	0.450	0.477	0.492	0.497	0.491	0.483	0.482	3.6
1,1,2-Trichloroethane	0.250	0.256	0.250	0.250	0.244	0.235	0.248	3
2-Hexanone	0.106	0.116	0.120	0.126	0.127	0.120	0.119	6.6
Dibromochloromethane	0.334	0.340	0.338	0.343	0.334	0.326	0.336	1.8
1,2-Dibromoethane	0.232	0.234	0.236	0.235	0.231	0.223	0.232	2
Tetrachloroethene	0.534	0.483	0.546	0.512	0.472	0.442	0.498	7.9
Chlorobenzene	1.113	1.087	1.124	1.106	1.081	1.061	1.095	2.1
Ethyl Benzene	1.664	1.694	1.828	1.874	1.848	1.828	1.790	4.9
m/p-Xylenes	0.655	0.682	0.738	0.753	0.735	0.736	0.717	5.4
o-Xylene	0.587	0.613	0.676	0.703	0.699	0.701	0.663	7.6
Styrene	0.925	1.020	1.127	1.187	1.172	1.165	1.099	9.5
Bromoform	0.232	0.230	0.229	0.231	0.228	0.223	0.229	1.5
Isopropylbenzene	3.112	3.173	3.434	3.542	3.466	3.482	3.368	5.3
1,1,2,2-Tetrachloroethane	0.564	0.627	0.549	0.557	0.554	0.541	0.565	5.6
1,3-Dichlorobenzene	1.712	1.672	1.704	1.742	1.688	1.699	1.703	1.4
1,4-Dichlorobenzene	1.775	1.681	1.711	1.695	1.632	1.624	1.686	3.3
1,2-Dichlorobenzene	1.508	1.480	1.491	1.513	1.467	1.448	1.485	1.7
1,2-Dibromo-3-Chloropropane	0.096	0.089	0.089	0.087	0.087	0.084	0.089	4.4
1,2,4-Trichlorobenzene	0.786	0.797	0.844	0.905	0.924	0.940	0.866	7.7
1,2,3-Trichlorobenzene	0.697	0.704	0.733	0.787	0.786	0.805	0.752	6.2
1,2-Dichloroethane-d4	0.472	0.456	0.455	0.430	0.417	0.407	0.439	5.8
Dibromofluoromethane	0.300	0.313	0.311	0.312	0.300	0.300	0.306	2.2
Toluene-d8	1.121	1.125	1.176	1.187	1.155	1.159	1.154	2.3
4-Bromofluorobenzene	0.355	0.339	0.363	0.378	0.373	0.371	0.363	4

* Compounds with required minimum RRF and maximum %RSD values.
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RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3174
Instrument ID: MSVOA_Y
Calibration Date/Time: 09/25/2025 10:02
Lab File ID: VY023363.D
Init. Calib. Date(s): 09/08/2025 09/08/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:00 12:08
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.401	0.347		-13.47	20
Chloromethane	0.574	0.513	0.1	-10.63	20
Vinyl Chloride	0.723	0.651		-9.96	20
Bromomethane	0.590	0.501		-15.09	20
Chloroethane	0.489	0.440		-10.02	20
Trichlorofluoromethane	0.913	0.858		-6.02	20
1,1,2-Trichlorotrifluoroethane	0.491	0.453		-7.74	20
1,1-Dichloroethene	0.472	0.440		-6.78	20
Acetone	0.100	0.106		6	20
Carbon Disulfide	1.495	1.319		-11.77	20
Methyl tert-butyl Ether	1.110	1.110		0	20
Methyl Acetate	0.245	0.257		4.9	20
Methylene Chloride	0.535	0.544		1.68	20
trans-1,2-Dichloroethene	0.528	0.495		-6.25	20
1,1-Dichloroethane	0.869	0.815	0.1	-6.21	20
Cyclohexane	0.769	0.704		-8.45	20
2-Butanone	0.123	0.127		3.25	20
Carbon Tetrachloride	0.501	0.484		-3.39	20
cis-1,2-Dichloroethene	0.597	0.580		-2.85	20
Bromochloromethane	0.342	0.284		-16.96	20
Chloroform	0.934	0.878		-6	20
1,1,1-Trichloroethane	0.834	0.785		-5.88	20
Methylcyclohexane	0.557	0.557		0	20
Benzene	1.353	1.301		-3.84	20
1,2-Dichloroethane	0.344	0.329		-4.36	20
Trichloroethene	0.377	0.363		-3.71	20
1,2-Dichloropropane	0.306	0.290		-5.23	20
Bromodichloromethane	0.468	0.447		-4.49	20
4-Methyl-2-Pentanone	0.172	0.175		1.74	20
Toluene	0.859	0.840		-2.21	20
t-1,3-Dichloropropene	0.403	0.406		0.74	20
cis-1,3-Dichloropropene	0.482	0.483		0.21	20
1,1,2-Trichloroethane	0.248	0.236		-4.84	20
2-Hexanone	0.119	0.126		5.88	20
Dibromochloromethane	0.336	0.329		-2.08	20
1,2-Dibromoethane	0.232	0.229		-1.29	20
Tetrachloroethene	0.498	0.470		-5.62	20
Chlorobenzene	1.095	1.073	0.3	-2.01	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3174

Instrument ID: MSVOA_Y Calibration Date/Time: 09/25/2025 10:02

Lab File ID: VY023363.D Init. Calib. Date(s): 09/08/2025 09/08/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:00 12:08

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.790	1.812		1.23	20
m/p-Xylenes	0.717	0.727		1.39	20
o-Xylene	0.663	0.683		3.02	20
Styrene	1.099	1.125		2.37	20
Bromoform	0.229	0.230	0.1	0.44	20
Isopropylbenzene	3.368	3.409		1.22	20
1,1,2,2-Tetrachloroethane	0.565	0.558	0.3	-1.24	20
1,3-Dichlorobenzene	1.703	1.687		-0.94	20
1,4-Dichlorobenzene	1.686	1.634		-3.08	20
1,2-Dichlorobenzene	1.485	1.468		-1.14	20
1,2-Dibromo-3-Chloropropane	0.089	0.085		-4.49	20
1,2,4-Trichlorobenzene	0.866	0.926		6.93	20
1,2,3-Trichlorobenzene	0.752	0.791		5.19	20
1,2-Dichloroethane-d4	0.439	0.422		-3.87	20
Dibromofluoromethane	0.306	0.299		-2.29	20
Toluene-d8	1.154	1.144		-0.87	20
4-Bromofluorobenzene	0.363	0.376		3.58	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Quant Time: Sep 26 04:24:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

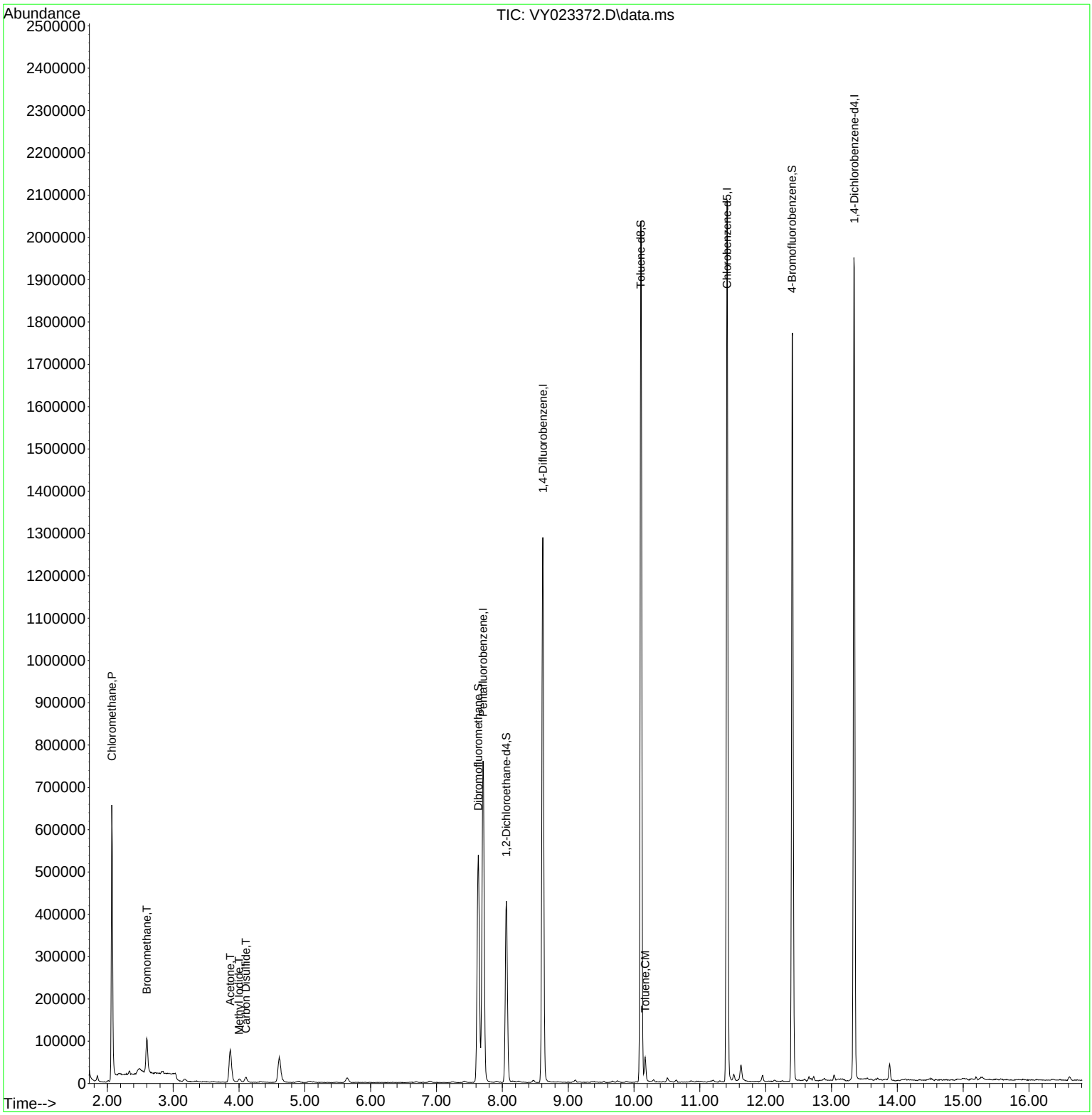
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	636134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1166329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1147896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	537673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	340666	60.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.880%			
35) Dibromofluoromethane	7.634	113	385608	54.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.180%			
50) Toluene-d8	10.103	98	1382806	51.366	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.402	95	487868	57.586	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.180%			
Target Compounds						Qvalue
3) Chloromethane	2.068	50	545577	74.707	ug/l	97
5) Bromomethane	2.598	94	60358	8.035	ug/l	100
10) Methyl Iodide	4.001	142	12571	1.726	ug/l	96
16) Acetone	3.866	43	132382	103.971	ug/l	98
17) Carbon Disulfide	4.104	76	22682	1.193	ug/l	97
52) Toluene	10.170	92	23284	1.162	ug/l	97

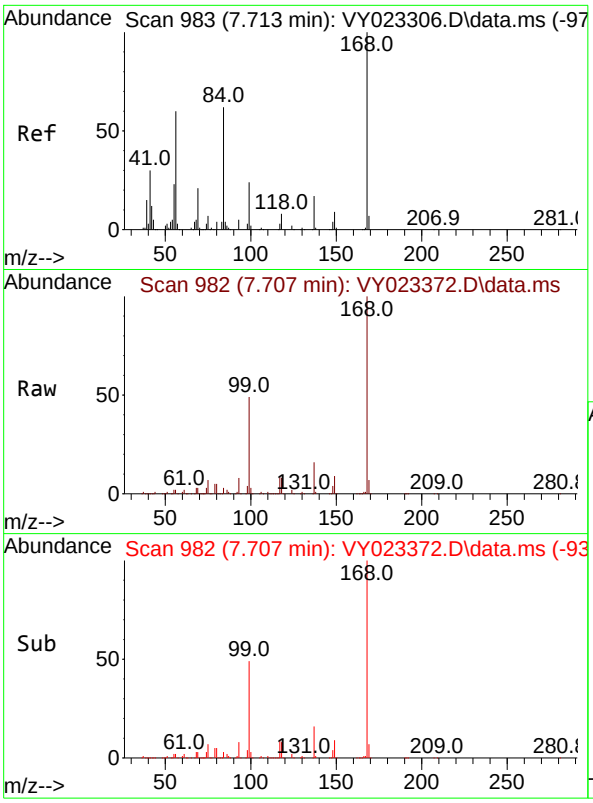
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Quant Time: Sep 26 04:24:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration



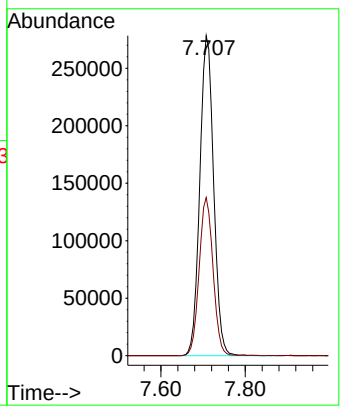


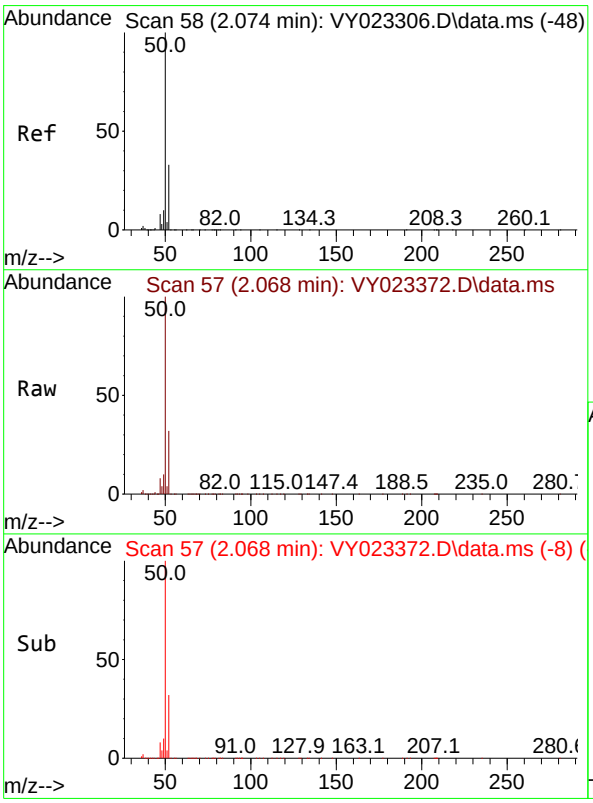
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion:168 Resp: 636134

Ion	Ratio	Lower	Upper
168	100		
99	49.4	42.8	64.2

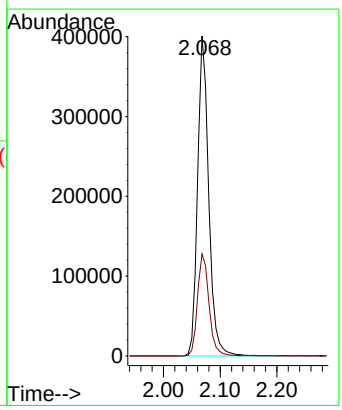


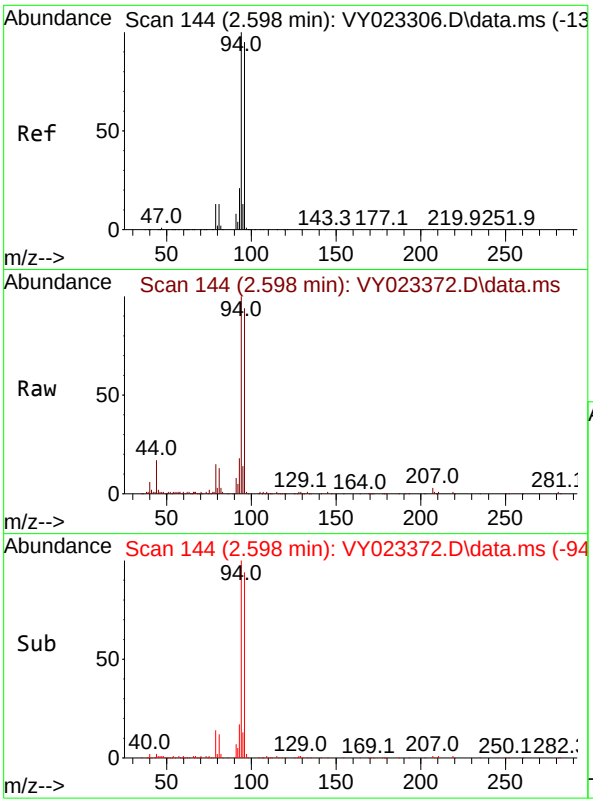


#3
Chloromethane
Concen: 74.707 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion: 50 Resp: 545577

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.7	40.1



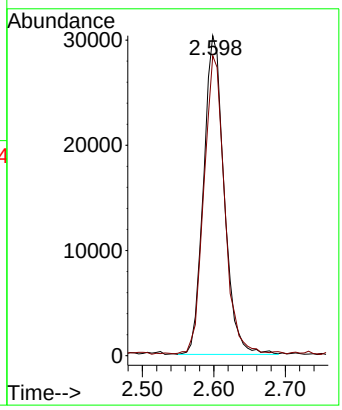


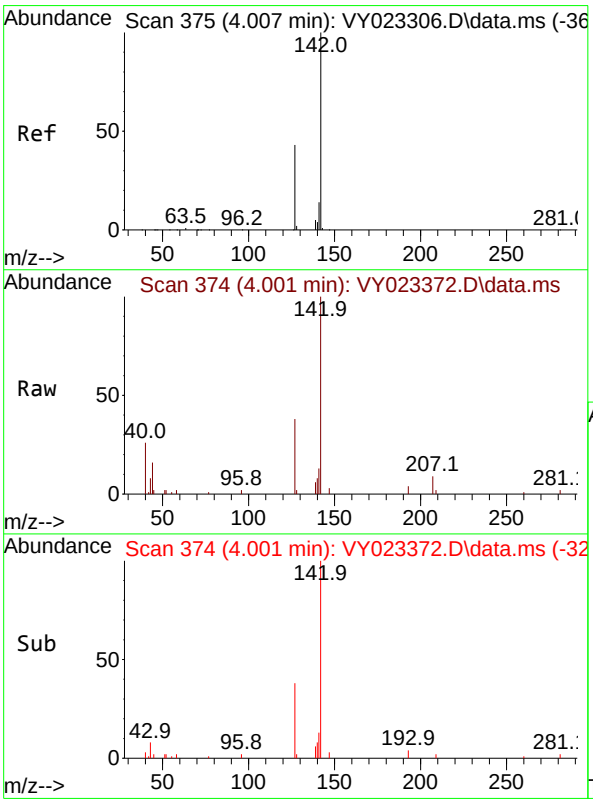
#5
Bromomethane
Concen: 8.035 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion: 94 Resp: 60358

Ion	Ratio	Lower	Upper
94	100		
96	93.4	74.6	112.0

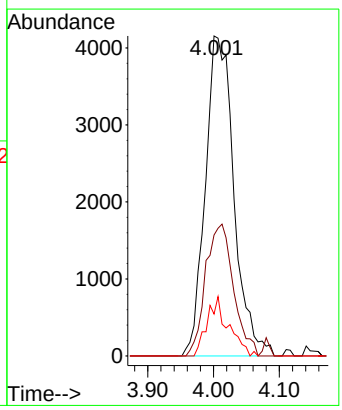


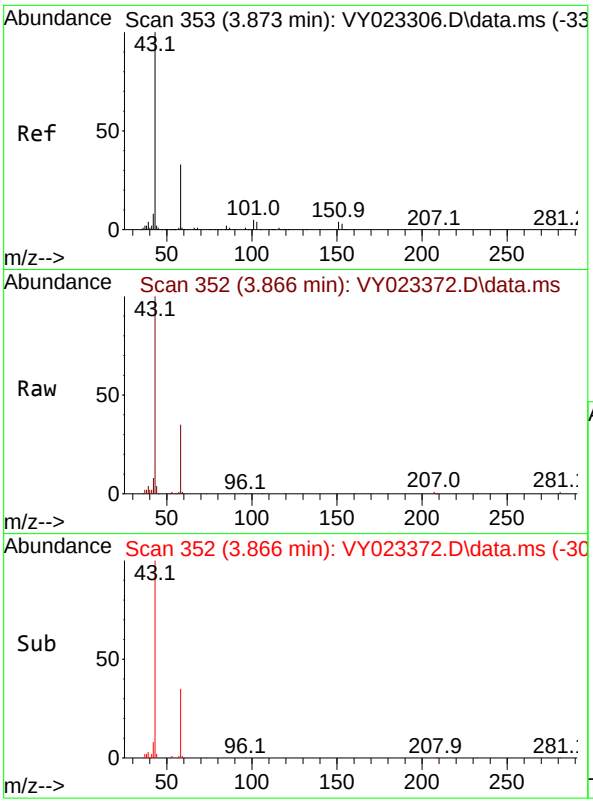


#10
Methyl Iodide
Concen: 1.726 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion:142 Resp: 12571

Ion	Ratio	Lower	Upper
142	100		
127	40.2	34.9	52.3
141	13.9	11.3	16.9



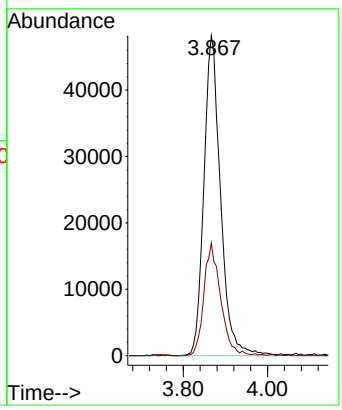


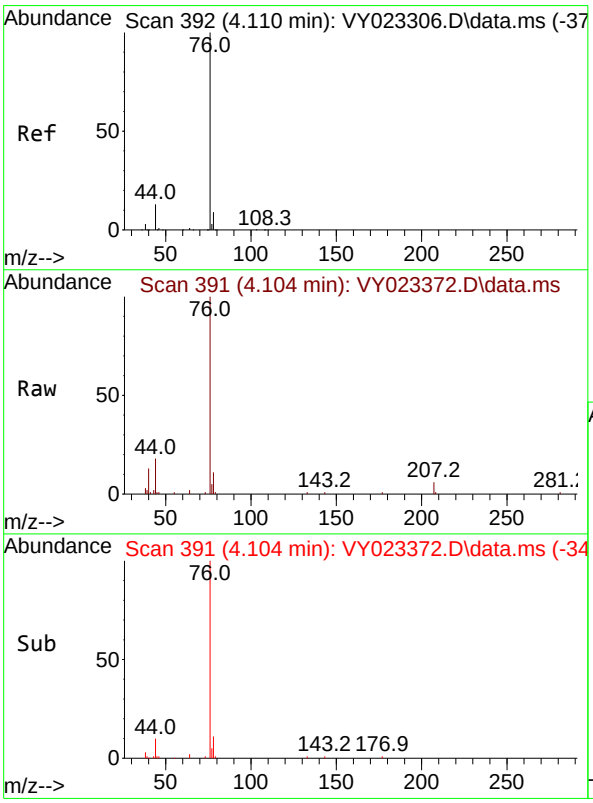
#16
Acetone
Concen: 103.971 ug/l
RT: 3.866 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion: 43 Resp: 132382

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.1	40.7

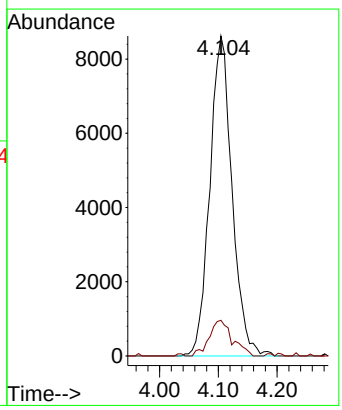


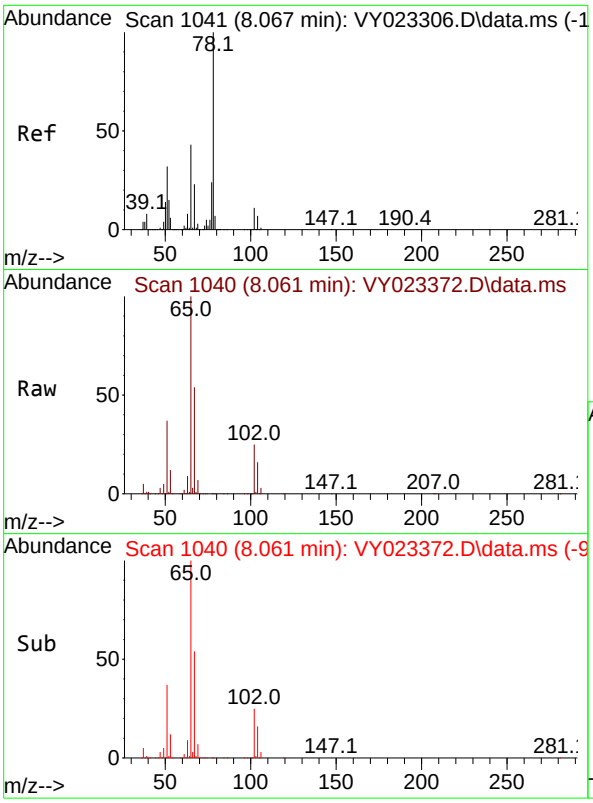


#17
Carbon Disulfide
Concen: 1.193 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion: 76 Resp: 22682

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.4	11.2



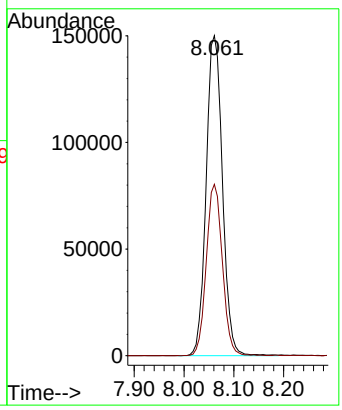


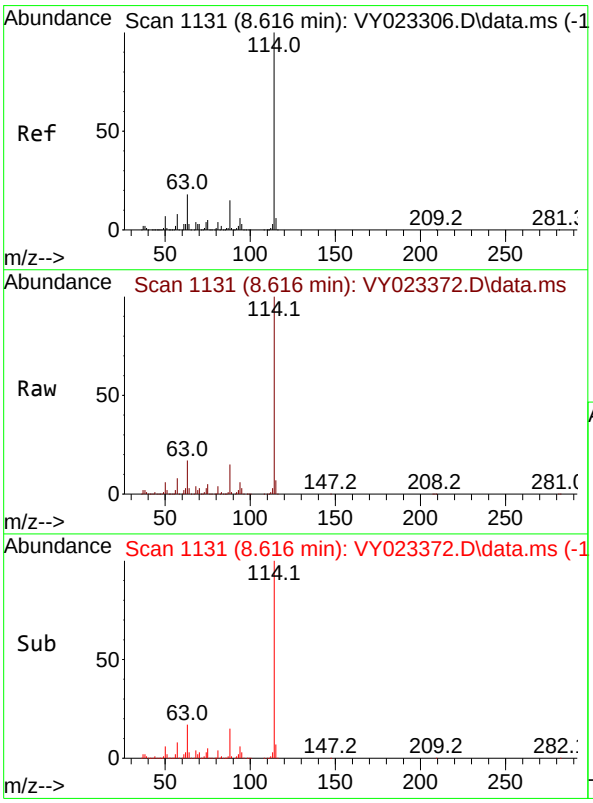
#33
1,2-Dichloroethane-d4
Concen: 60.944 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion: 65 Resp: 340666

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8

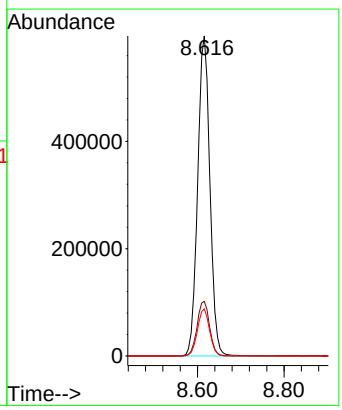


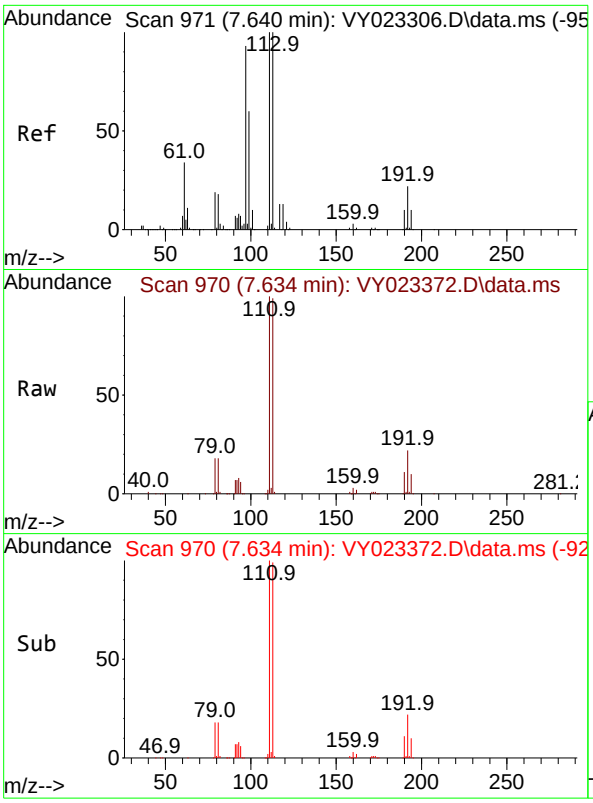


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion:114 Resp: 1166329

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.4
88	14.7	0.0	30.0



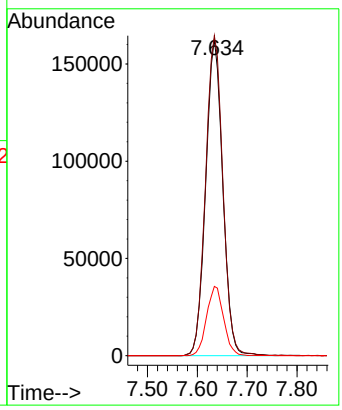


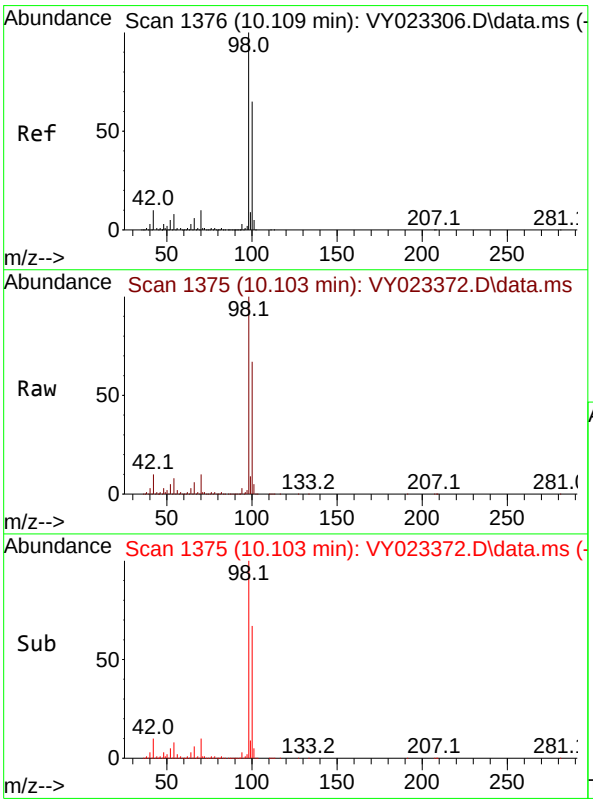
#35
Dibromofluoromethane
Concen: 54.087 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion:113 Resp: 385608

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	21.9	16.2	24.4

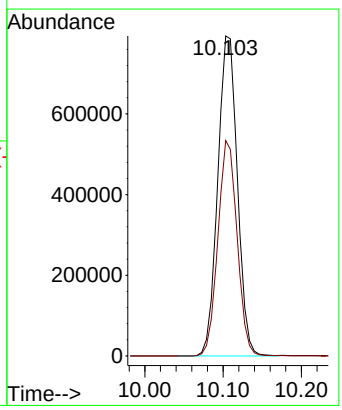


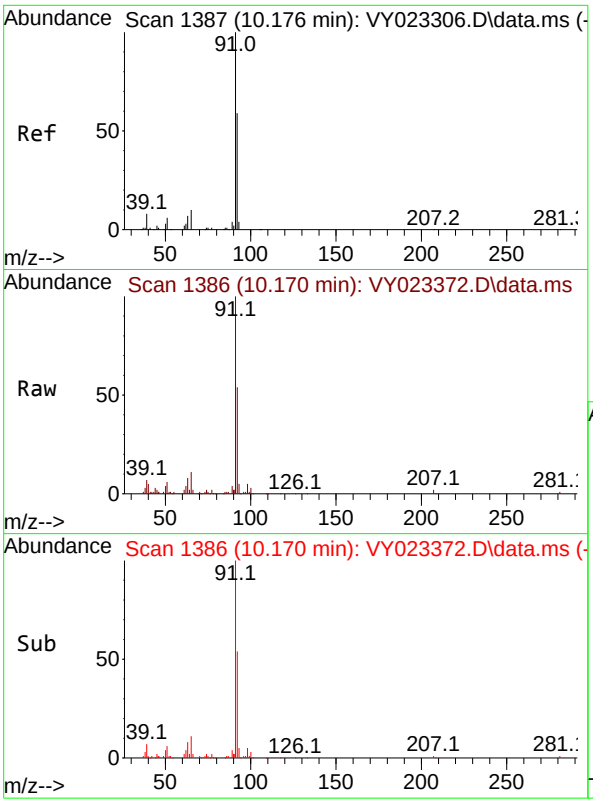


#50
Toluene-d8
Concen: 51.366 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion: 98 Resp: 1382806

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.3	78.5



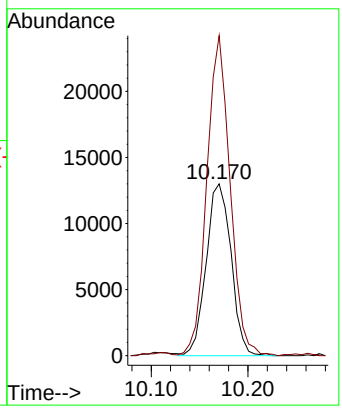


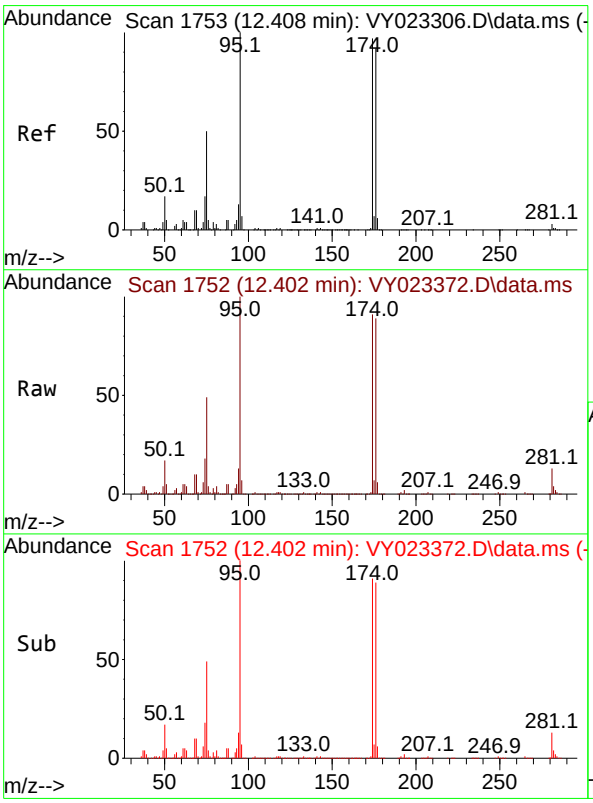
#52
Toluene
Concen: 1.162 ug/l
RT: 10.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion: 92 Resp: 23284

Ion	Ratio	Lower	Upper
92	100		
91	174.0	136.4	204.6

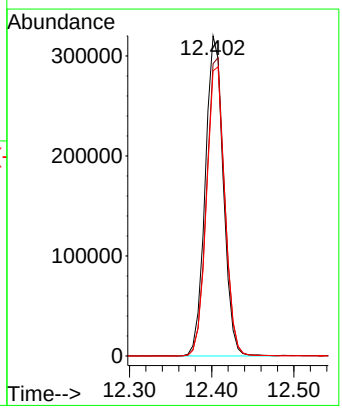


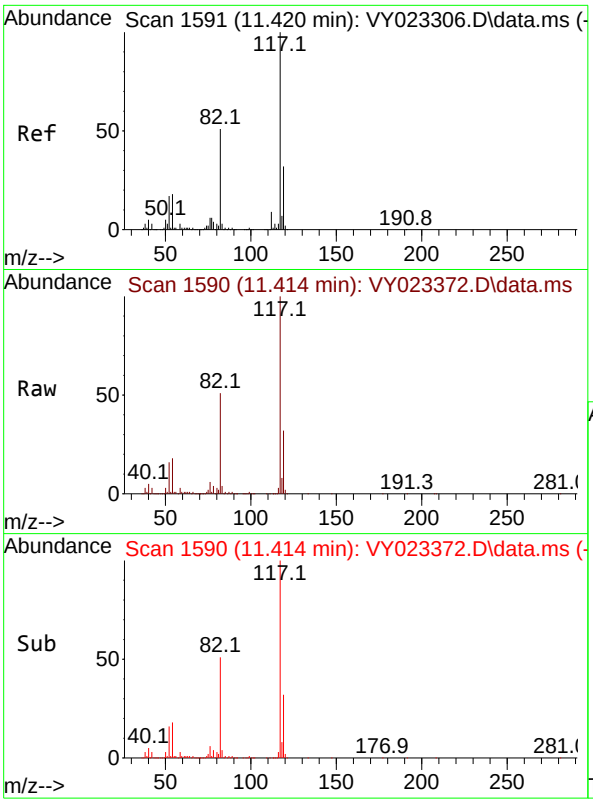


#62
4-Bromofluorobenzene
Concen: 57.586 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion: 95 Resp: 487868

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	171.6
176	91.7	0.0	167.6



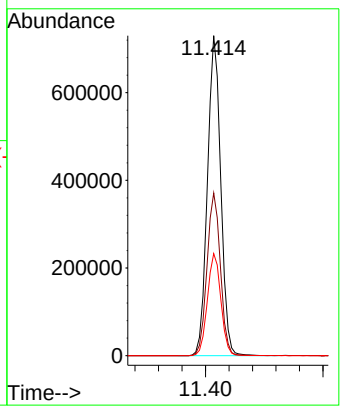


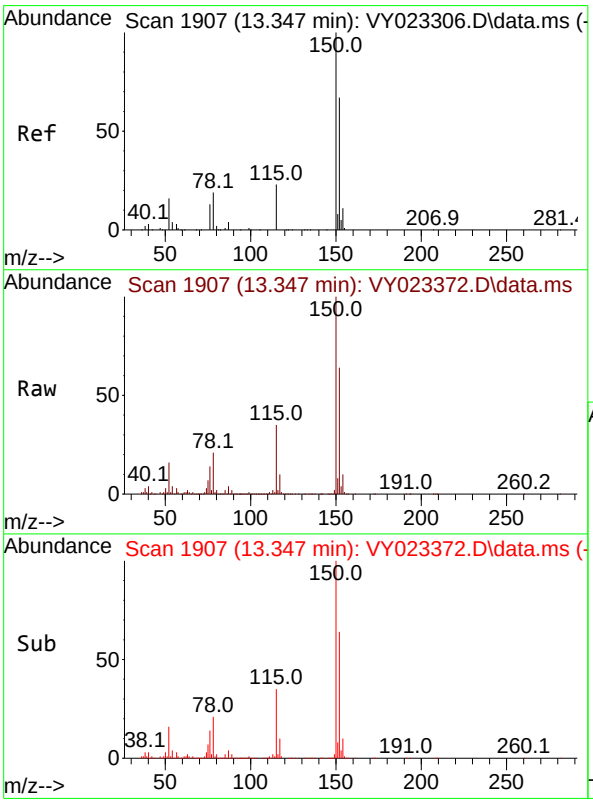
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Tgt Ion:117 Resp: 1147896

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.4	65.0
119	31.9	25.6	38.4

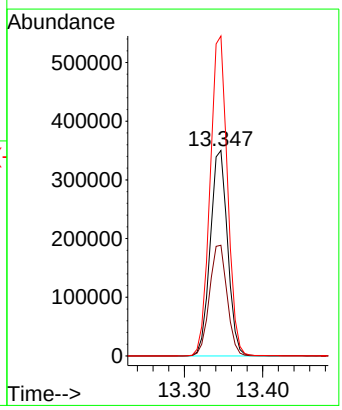




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023372.D
Acq: 25 Sep 2025 14:32

Tgt Ion:152 Resp: 537673

Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.6
150	156.2	0.0	348.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Title : SW846 8260

Signal : TIC: VY023372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.068	51	57	66	rBV	653352	928151	26.25%	4.358%
2	2.598	138	144	153	rVB2	81694	166229	4.70%	0.780%
3	3.867	342	352	367	rBV	76739	211675	5.99%	0.994%
4	4.610	462	474	491	rVB2	59819	184571	5.22%	0.867%
5	5.641	633	643	655	rVB5	11127	36673	1.04%	0.172%
6	7.634	958	970	976	rBV	537604	1293406	36.58%	6.073%
7	7.707	976	982	996	rVB	757608	1739712	49.20%	8.168%
8	8.061	1028	1040	1052	rBV	428954	973187	27.52%	4.569%
9	8.616	1120	1131	1143	rBV	1288685	2543017	71.92%	11.939%
10	10.103	1367	1375	1382	rBV	2035016	3535685	100.00%	16.600%
11	10.170	1382	1386	1400	rVB	57961	106441	3.01%	0.500%
12	11.414	1580	1590	1601	rBV	2084543	3313829	93.73%	15.558%
13	11.627	1619	1625	1637	rVB	37773	82478	2.33%	0.387%
14	12.408	1745	1753	1765	rBV2	1769537	3042908	86.06%	14.286%
15	13.340	1892	1906	1918	rBV	1945871	3071888	86.88%	14.423%
16	13.883	1988	1995	2003	rVB2	38795	69346	1.96%	0.326%

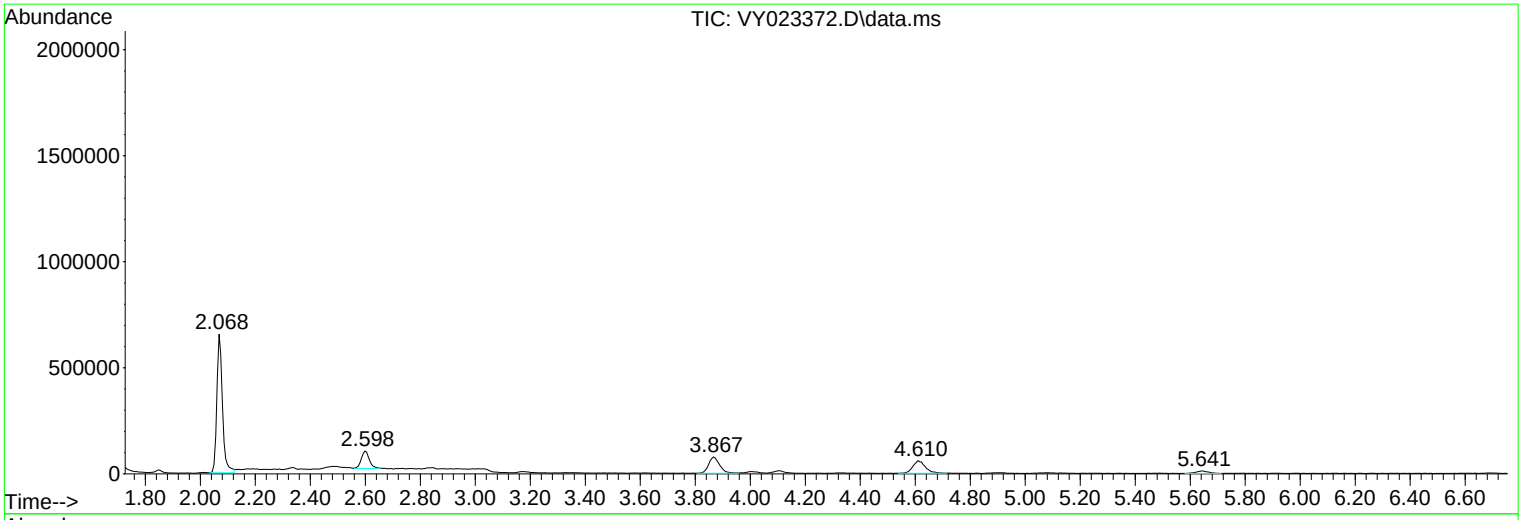
Sum of corrected areas: 21299196

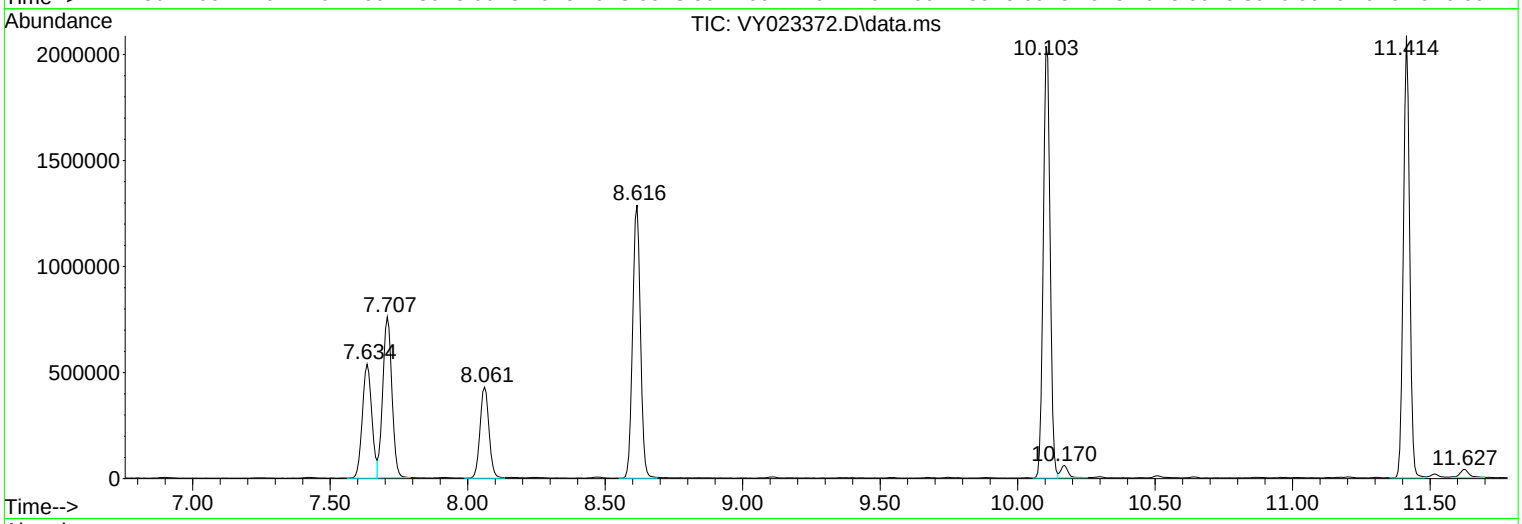
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

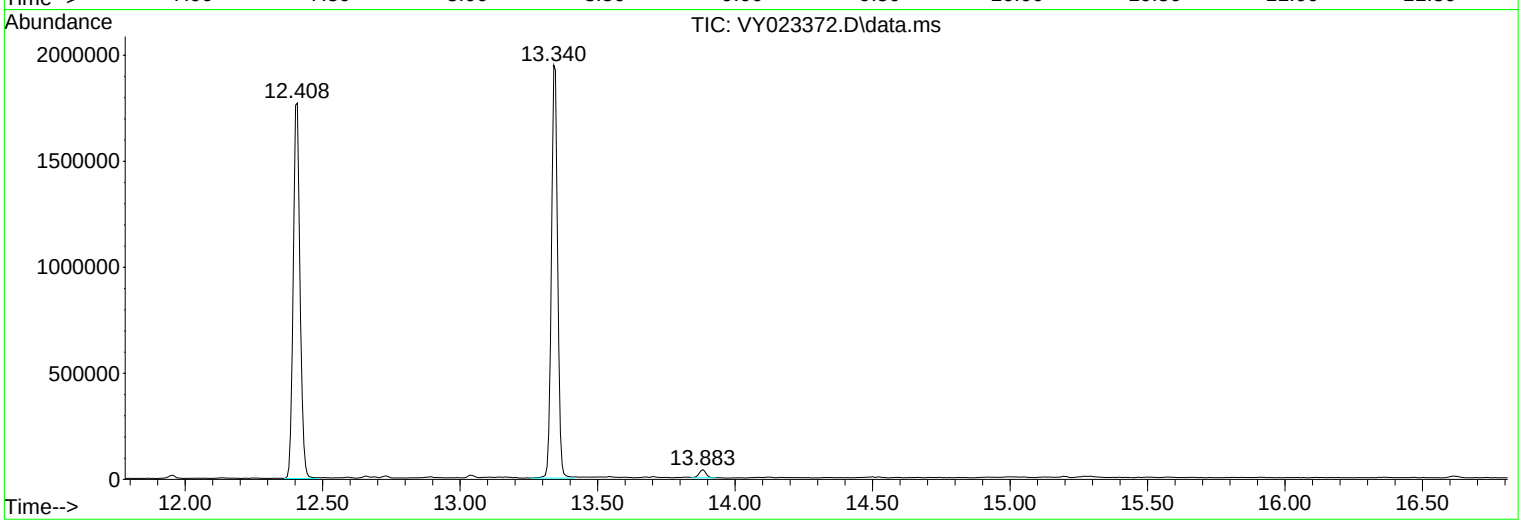
Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023372.D
Acq On : 25 Sep 2025 14:32
Operator : SY/MD
Sample : Q3174-01
Misc : 7.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPXY1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Quant Time: Sep 26 04:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

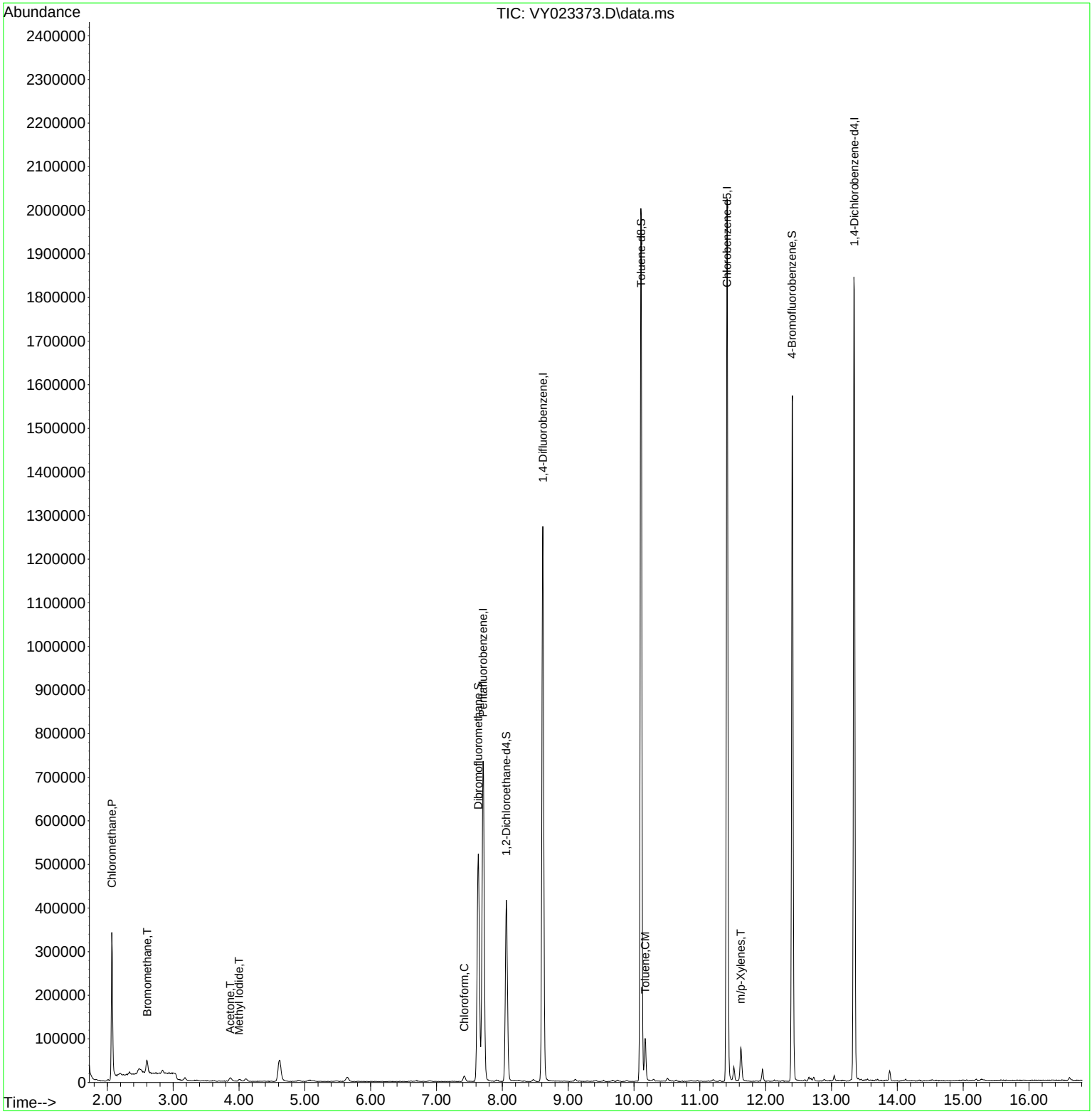
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	616227	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.616	114	1138197	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.414	117	1103007	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	505673	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.061	65	322696	59.594	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.180%				
35) Dibromofluoromethane	7.634	113	375231	53.933	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.860%				
50) Toluene-d8	10.109	98	1360036	51.768	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.540%				
62) 4-Bromofluorobenzene	12.402	95	462048	55.887	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.780%				
Target Compounds							Qvalue
3) Chloromethane	2.068	50	276761	39.122	ug/l		97
5) Bromomethane	2.605	94	21921	3.012	ug/l		98
10) Methyl Iodide	4.001	142	7289	1.033	ug/l	#	93
16) Acetone	3.866	43	14066	11.404	ug/l		94
30) Chloroform	7.421	83	12538	1.090	ug/l		83
52) Toluene	10.170	92	41835	2.140	ug/l		99
68) m/p-Xylenes	11.621	106	23834	1.508	ug/l		100

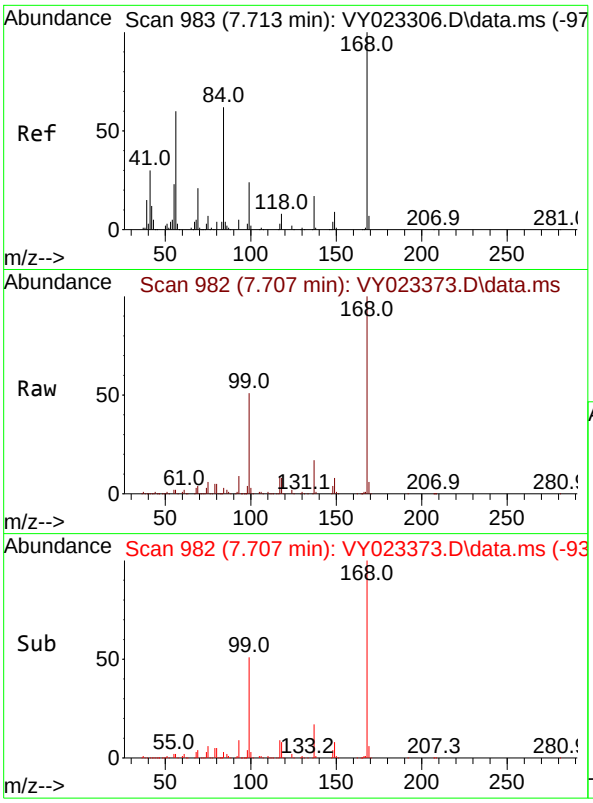
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Quant Time: Sep 26 04:24:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration



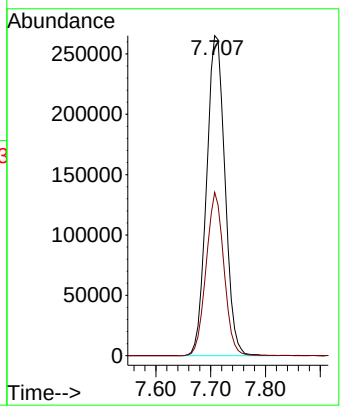


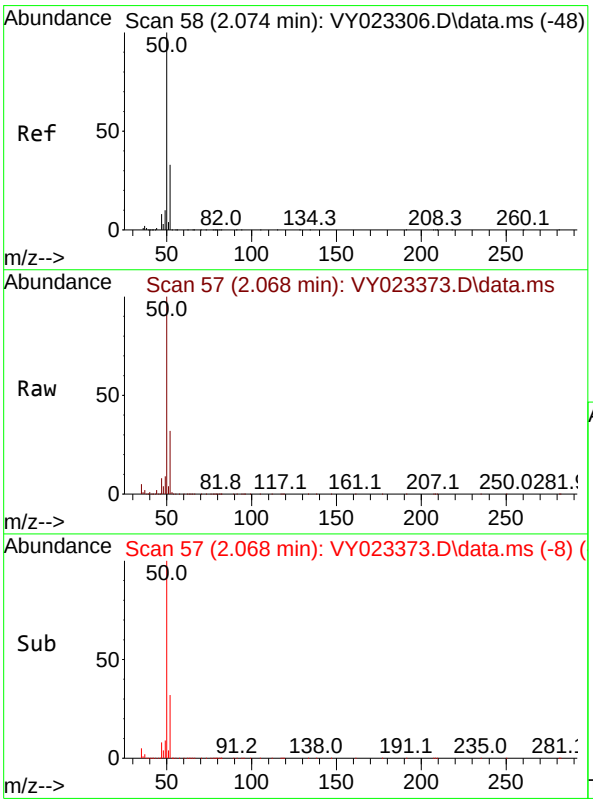
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion:168 Resp: 616227

Ion	Ratio	Lower	Upper
168	100		
99	51.1	42.8	64.2

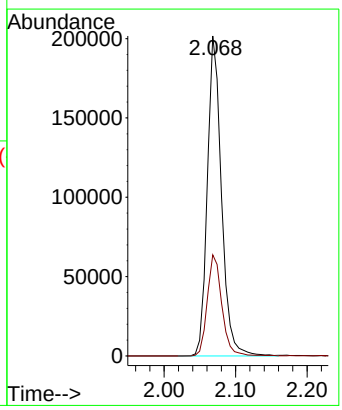


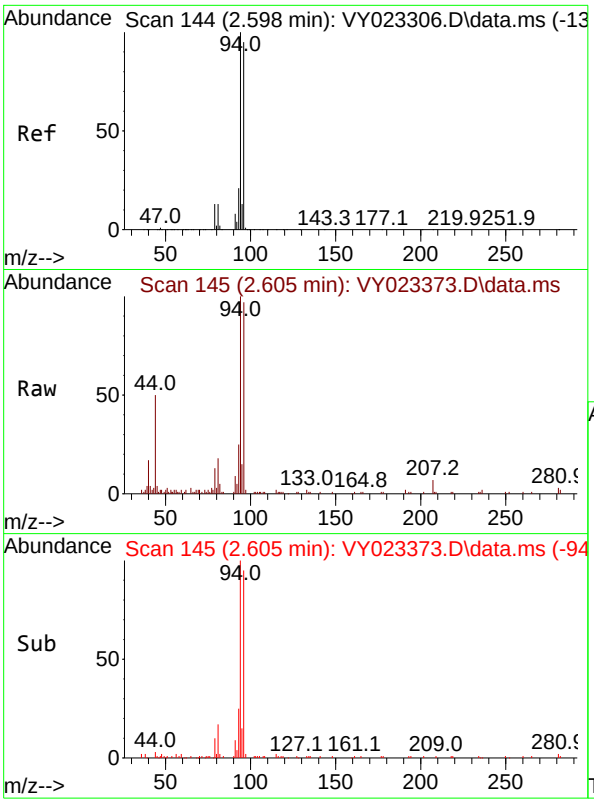


#3
Chloromethane
Concen: 39.122 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 50 Resp: 276761

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.7	40.1



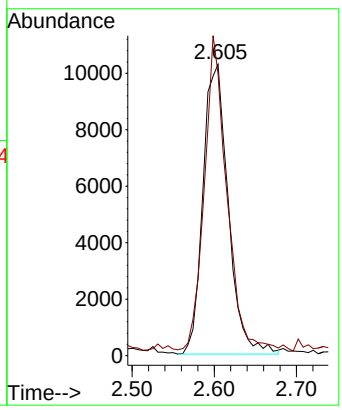


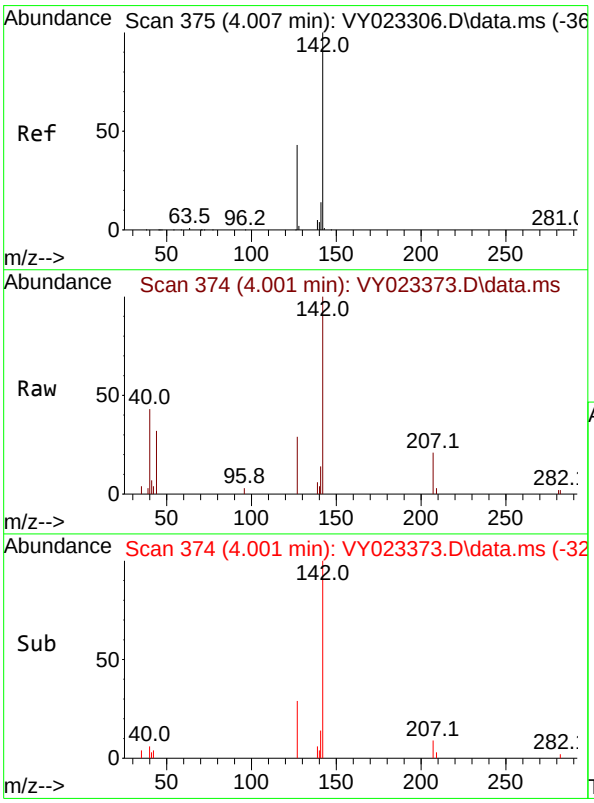
#5
Bromomethane
Concen: 3.012 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion: 94 Resp: 21921

Ion	Ratio	Lower	Upper
94	100		
96	95.3	74.6	112.0

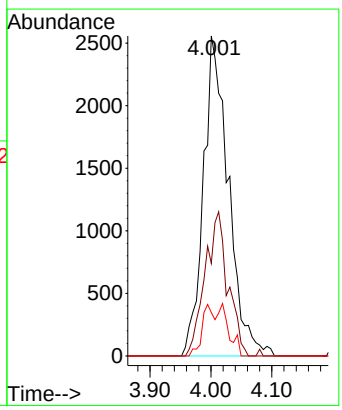


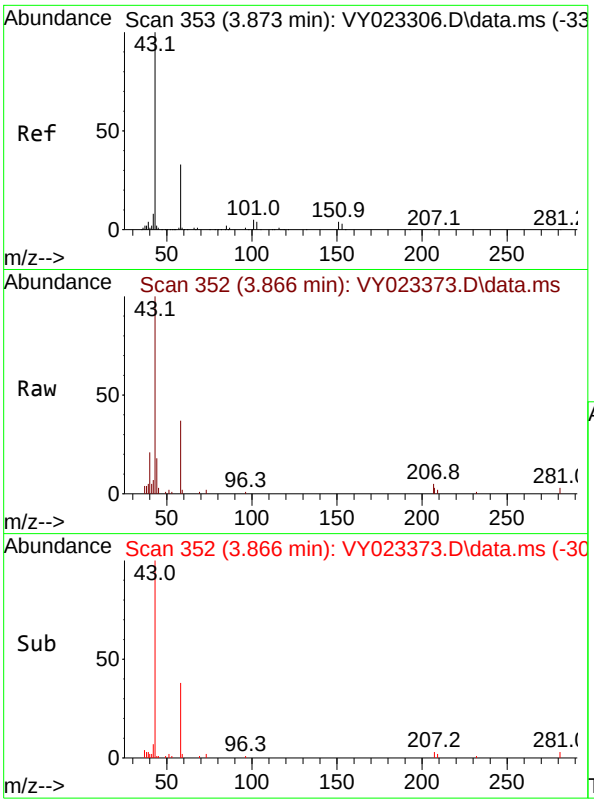


#10
Methyl Iodide
Concen: 1.033 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion:142 Resp: 7289

Ion	Ratio	Lower	Upper
142	100		
127	41.0	34.9	52.3
141	8.0	11.3	16.9#



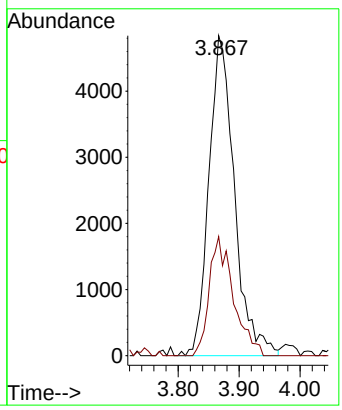


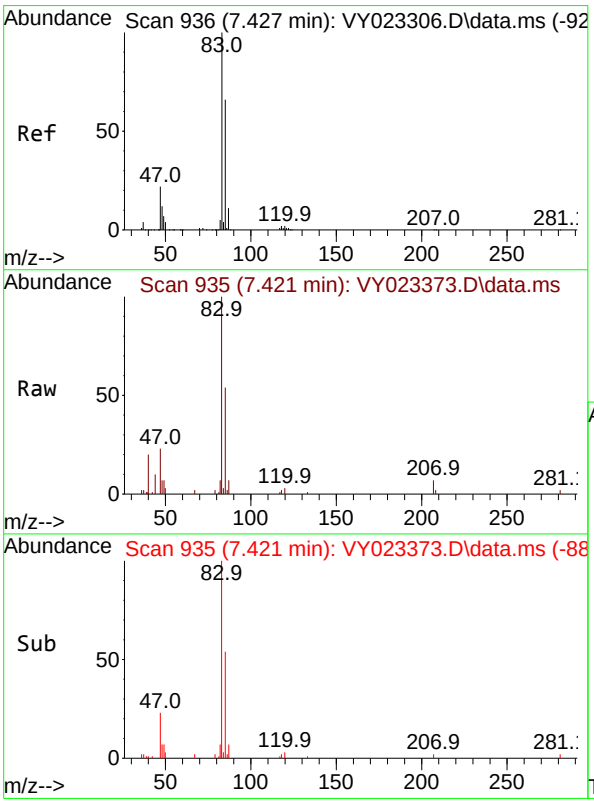
#16
Acetone
Concen: 11.404 ug/l
RT: 3.866 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion: 43 Resp: 14066

Ion	Ratio	Lower	Upper
43	100		
58	37.2	27.1	40.7

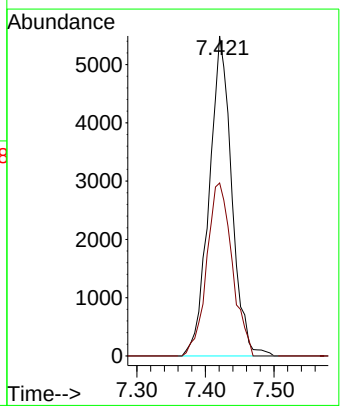




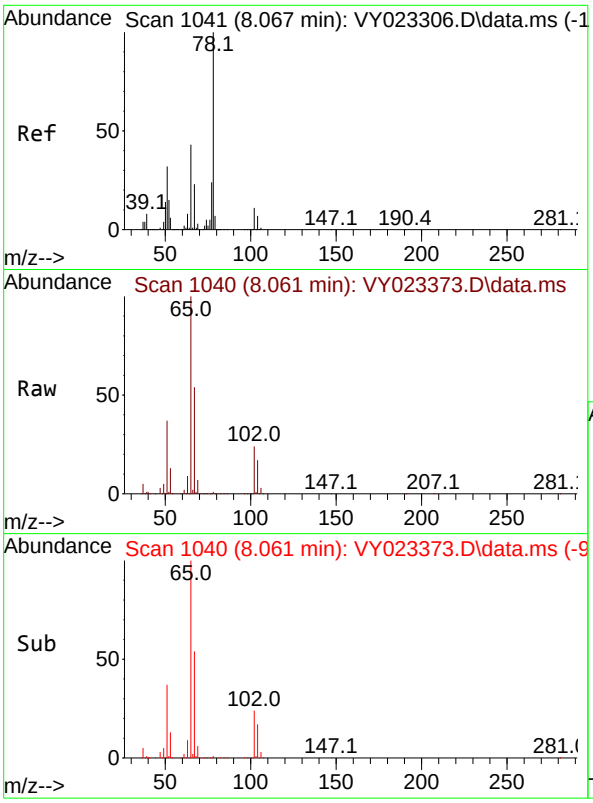
#30
Chloroform
Concen: 1.090 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 83 Resp: 12538

Ion	Ratio	Lower	Upper
83	100		
85	54.0	53.8	80.8



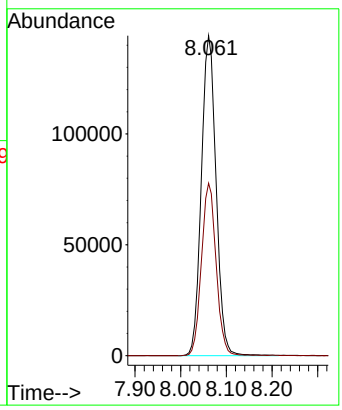
Instrument :
MSVOA_Y
ClientSampleId :
SBF1

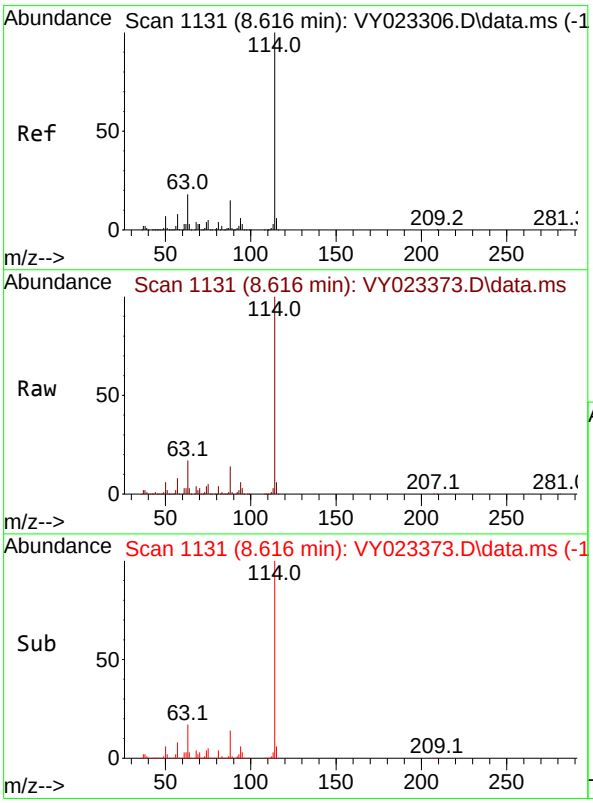


#33
1,2-Dichloroethane-d4
Concen: 59.594 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 65 Resp: 322696

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8

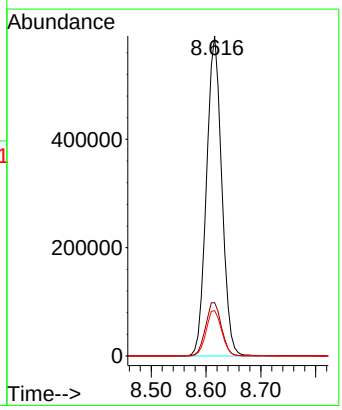


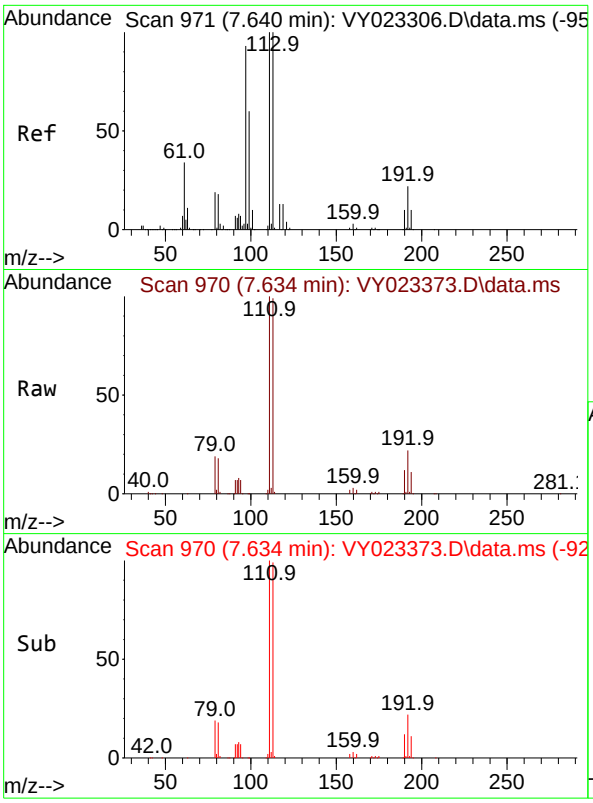


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion:114 Resp: 1138197

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.4
88	14.2	0.0	30.0



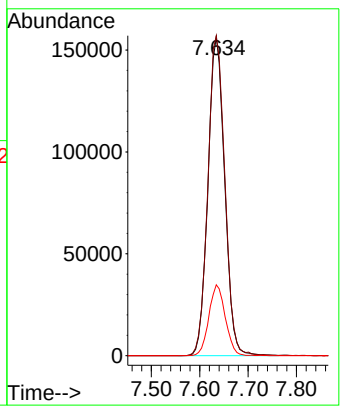


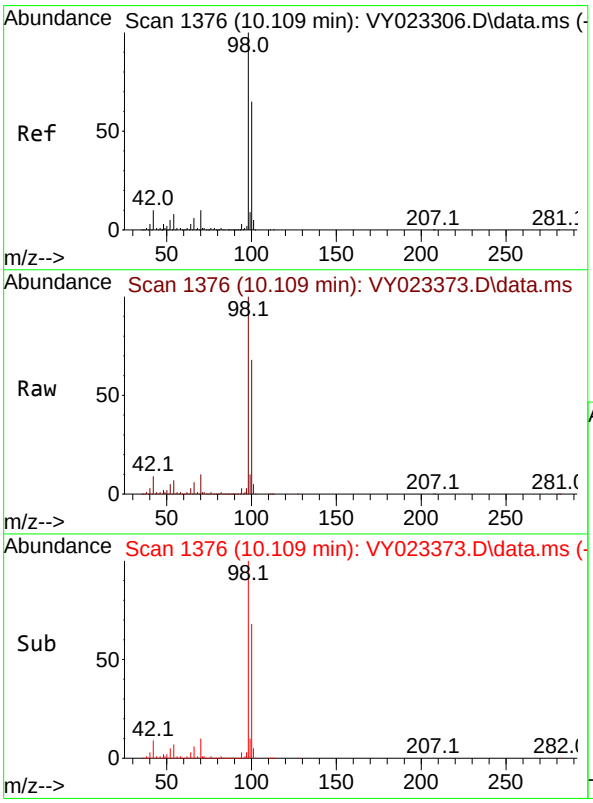
#35
Dibromofluoromethane
Concen: 53.933 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion:113 Resp: 375231

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	21.9	16.2	24.4

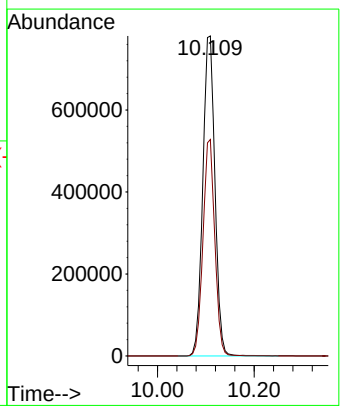


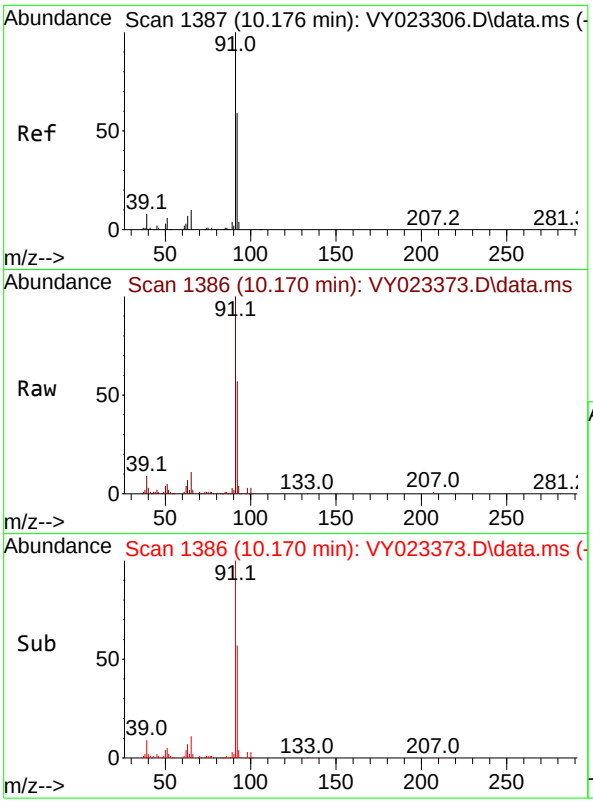


#50
Toluene-d8
Concen: 51.768 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 98 Resp: 1360036

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.3	78.5



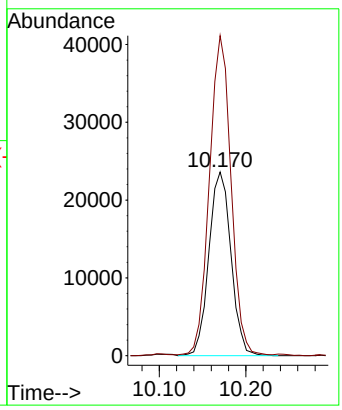


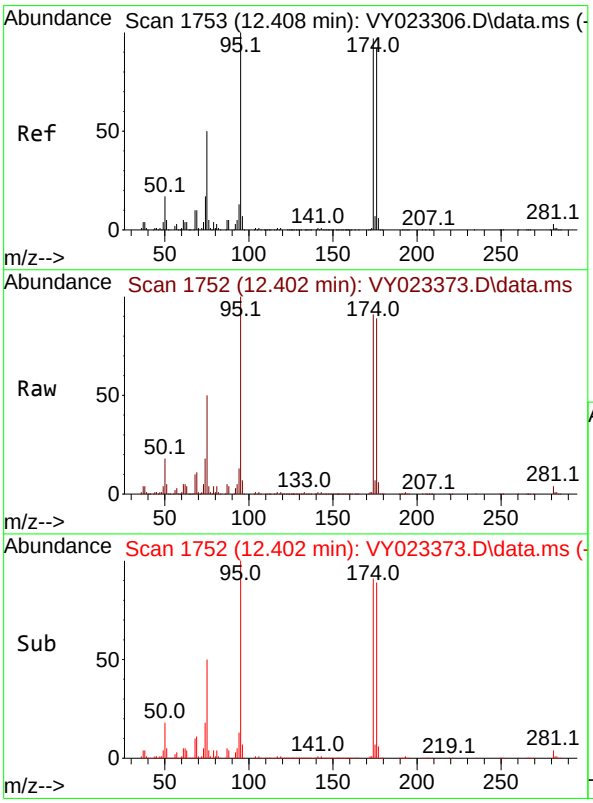
#52
Toluene
Concen: 2.140 ug/l
RT: 10.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion: 92 Resp: 41835

Ion	Ratio	Lower	Upper
92	100		
91	169.0	136.4	204.6

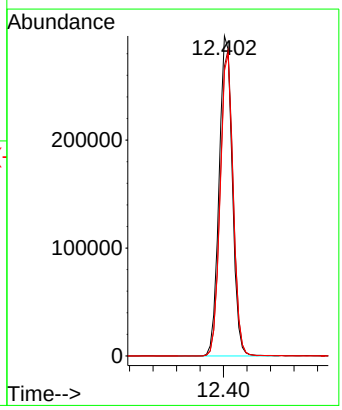


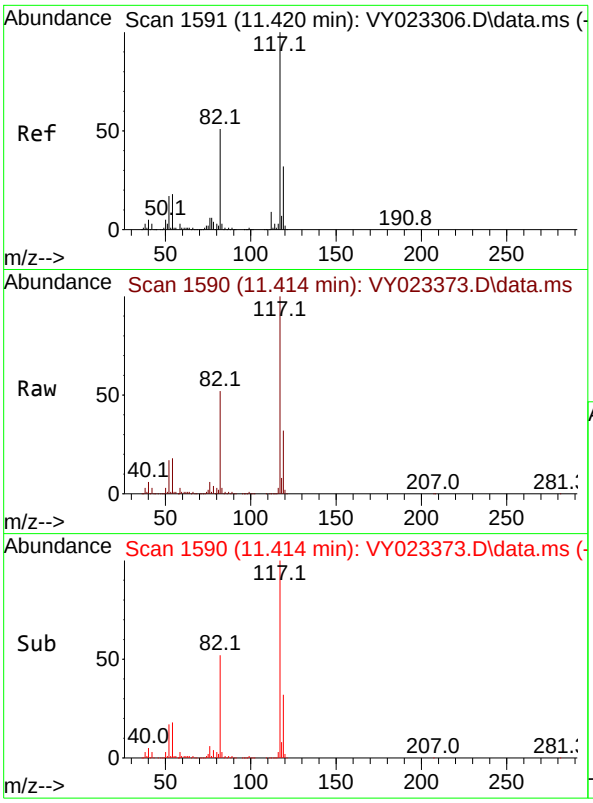


#62
4-Bromofluorobenzene
Concen: 55.887 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion: 95 Resp: 462048

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	171.6
176	92.5	0.0	167.6



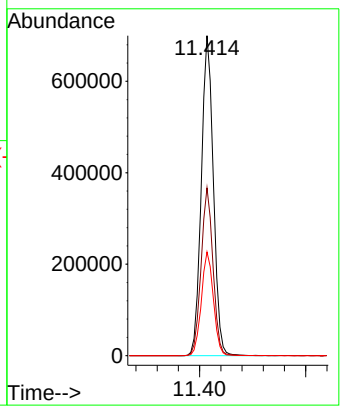


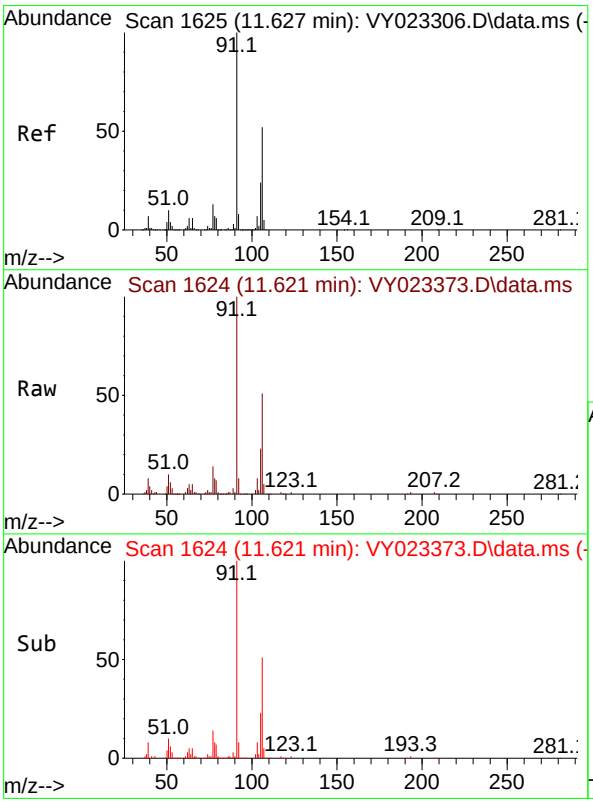
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion:117 Resp: 1103007

Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.4	65.0
119	32.4	25.6	38.4

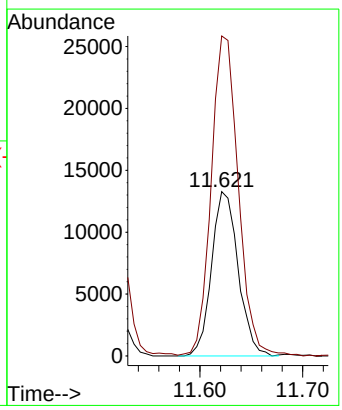


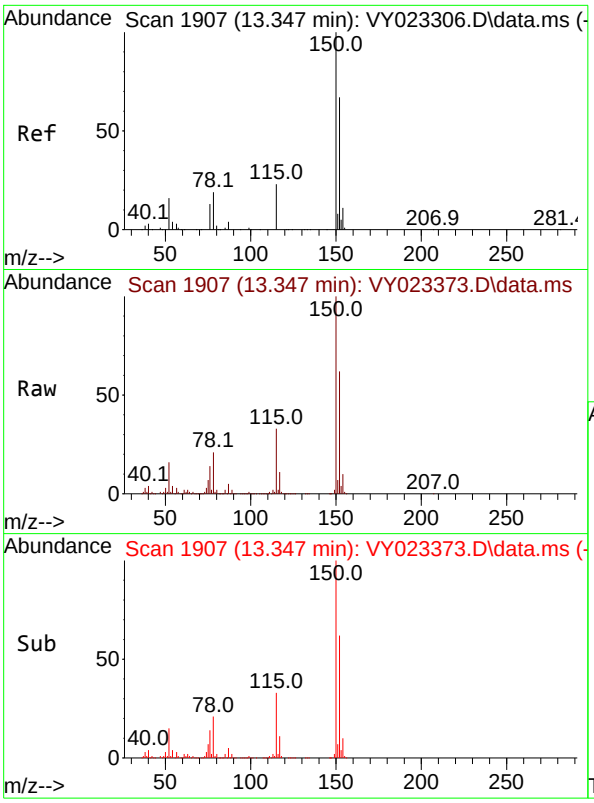


#68
m/p-Xylenes
Concen: 1.508 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Tgt Ion:106 Resp: 23834

Ion	Ratio	Lower	Upper
106	100		
91	198.9	158.6	238.0



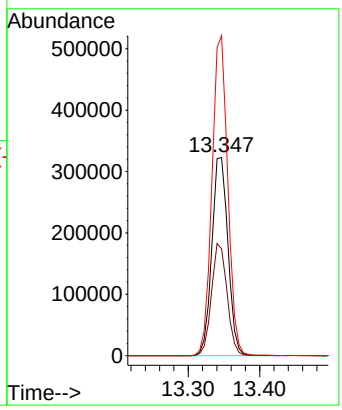


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023373.D
Acq: 25 Sep 2025 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Tgt Ion:152 Resp: 505673

Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.6
150	157.8	0.0	348.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Title : SW846 8260

Signal : TIC: VY023373.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.068	51	57	66	rBV	339757	487373	14.04%	2.482%
2	2.598	139	144	151	rVB	28955	58788	1.69%	0.299%
3	4.616	460	475	492	rBV	49086	170008	4.90%	0.866%
4	7.634	959	970	976	rBV	522243	1257315	36.22%	6.404%
5	7.707	976	982	994	rVB	731565	1678450	48.36%	8.549%
6	8.061	1031	1040	1052	rBV	416256	933305	26.89%	4.753%
7	8.616	1118	1131	1144	rBV	1273103	2488290	71.69%	12.673%
8	10.103	1367	1375	1382	rBV	2001484	3470861	100.00%	17.678%
9	10.170	1382	1386	1395	rVB	96613	171457	4.94%	0.873%
10	11.414	1582	1590	1601	rBV	2024023	3200868	92.22%	16.302%
11	11.518	1601	1607	1613	rVV	33081	56923	1.64%	0.290%
12	11.621	1617	1624	1635	rVB	76368	147416	4.25%	0.751%
13	11.950	1673	1678	1684	rBV3	27207	43321	1.25%	0.221%
14	12.408	1745	1753	1764	rBV2	1572198	2576953	74.25%	13.125%
15	13.340	1900	1906	1916	rBV	1840047	2855098	82.26%	14.541%
16	13.883	1990	1995	2002	rVB	23337	37835	1.09%	0.193%

Sum of corrected areas: 19634261

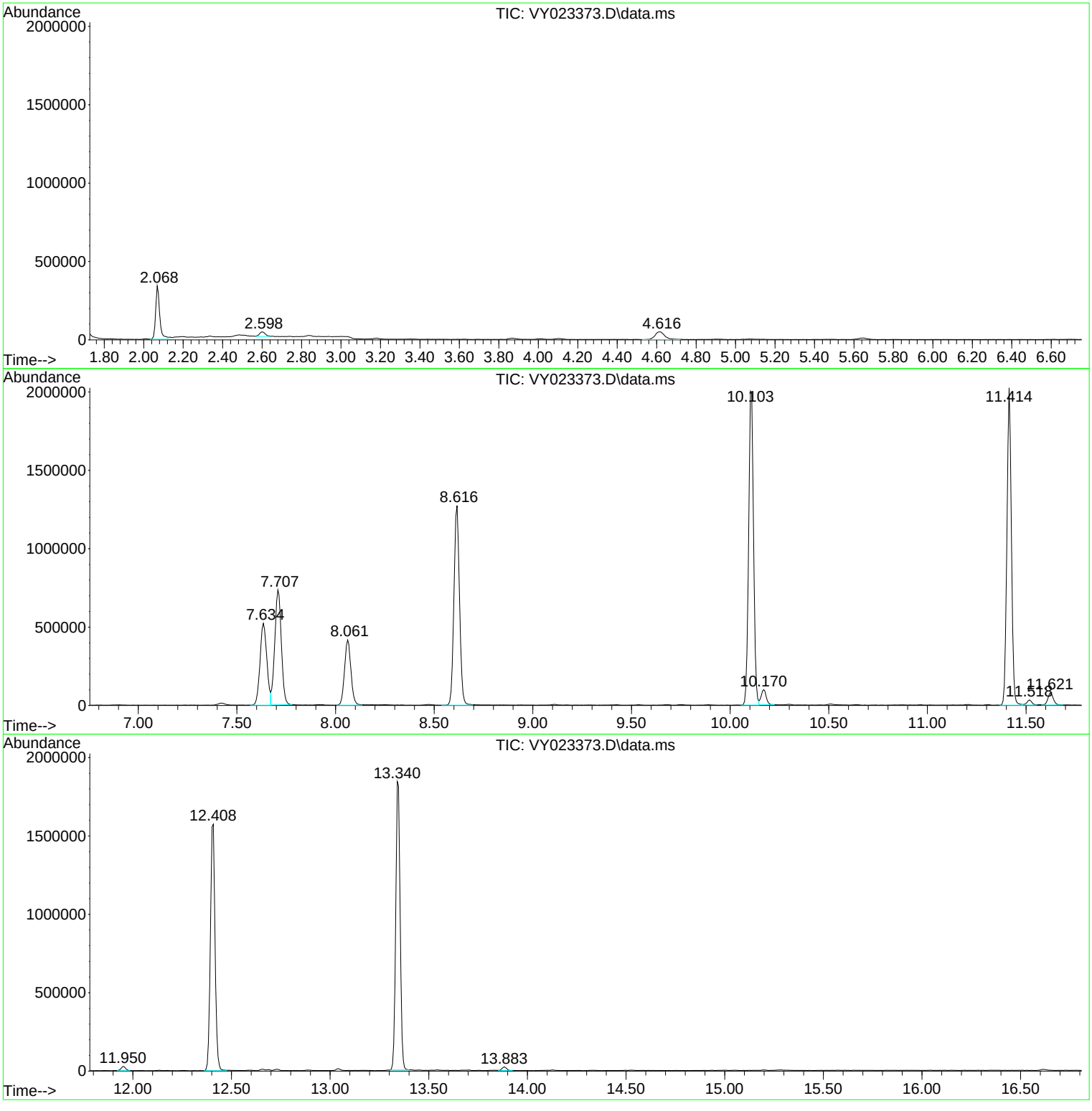
Sample Results: **VY023373.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023373.D
Acq On : 25 Sep 2025 14:56
Operator : SY/MD
Sample : Q3174-02
Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SBF1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Quant Time: Sep 26 04:21:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

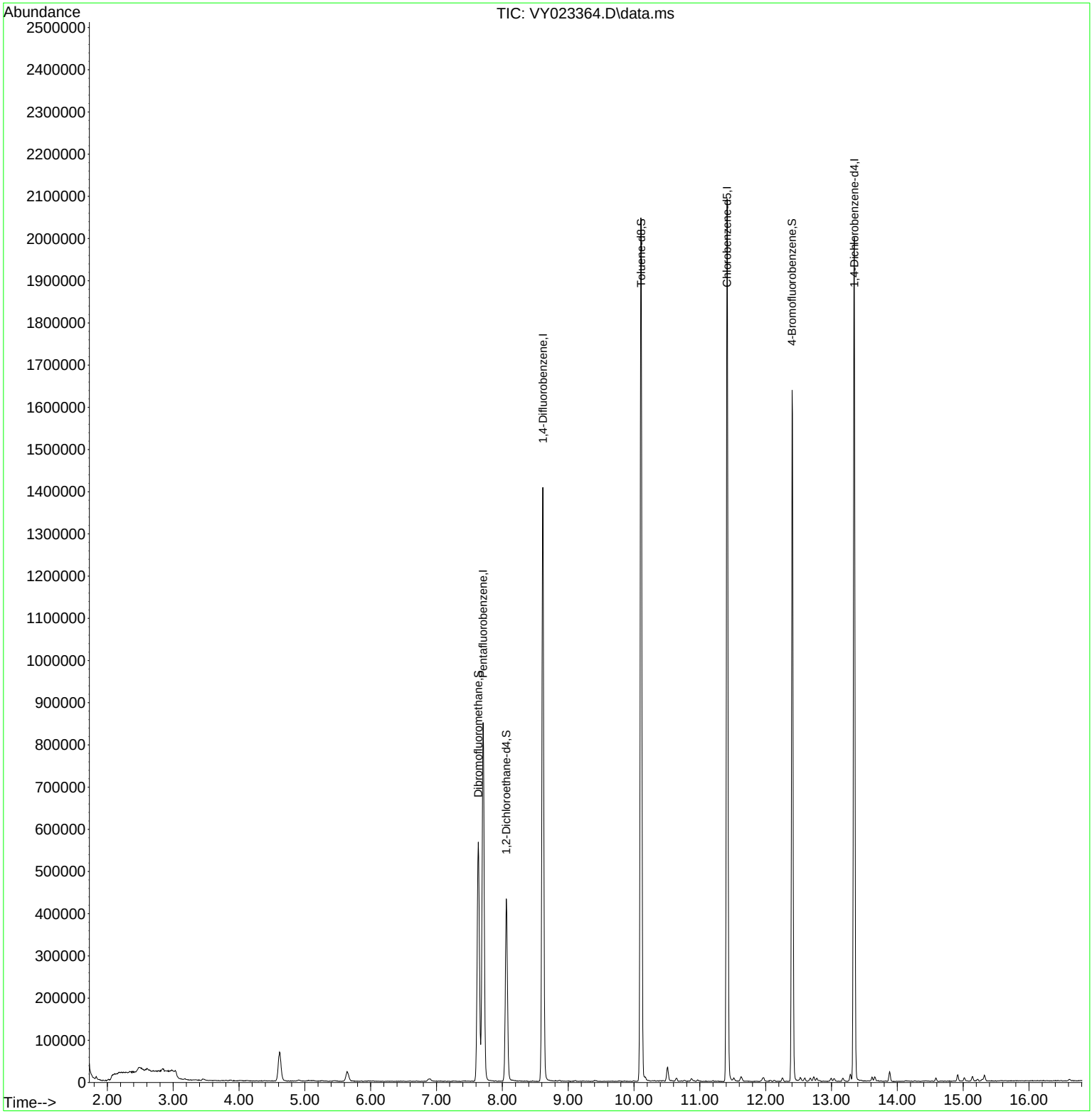
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	701667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1240929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1153810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	541851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333209	54.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.080%			
35) Dibromofluoromethane	7.634	113	404156	53.281	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.560%			
50) Toluene-d8	10.109	98	1403336	48.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.980%			
62) 4-Bromofluorobenzene	12.402	95	492534	54.642	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.280%			
Target Compounds						Qvalue

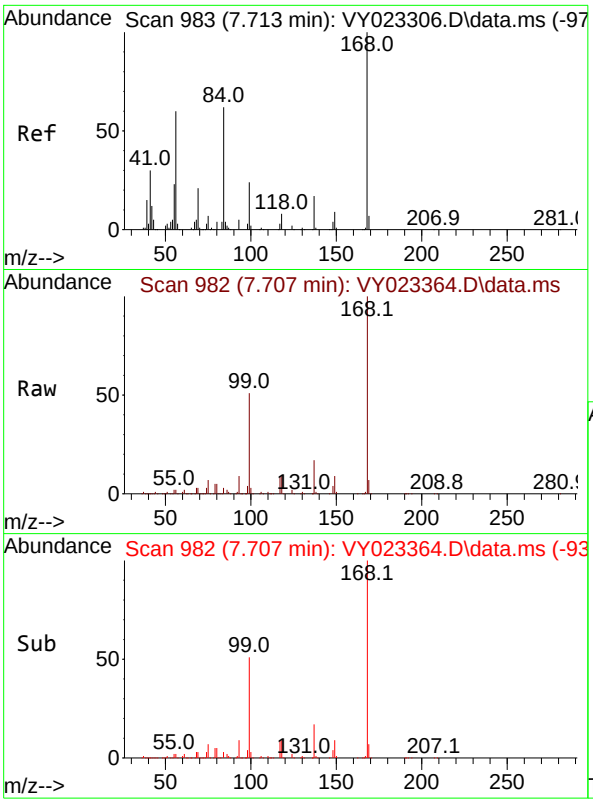
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Quant Time: Sep 26 04:21:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration



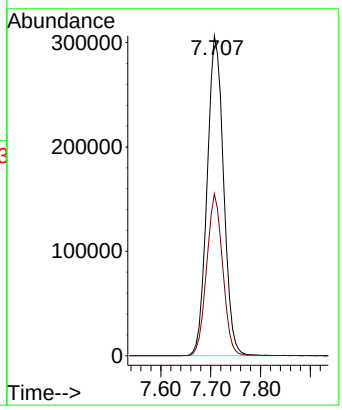


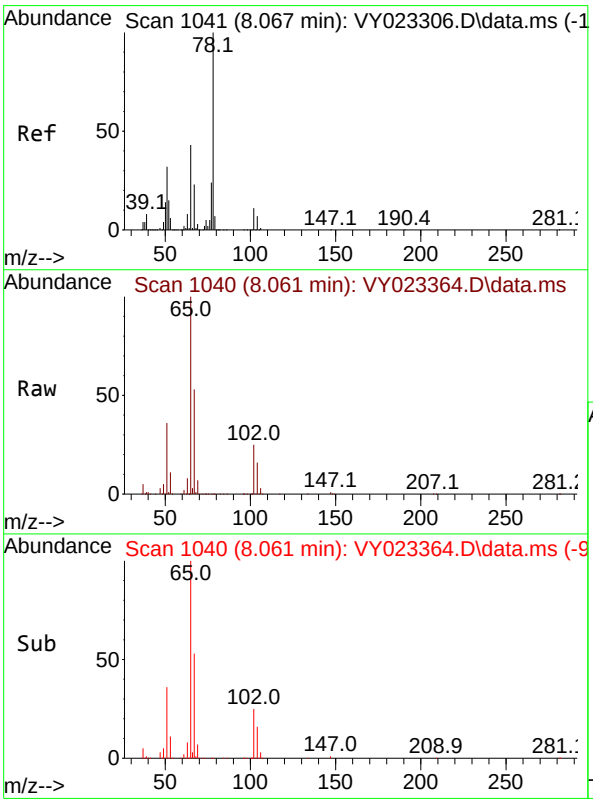
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Tgt Ion:168 Resp: 701667

Ion	Ratio	Lower	Upper
168	100		
99	50.6	42.8	64.2

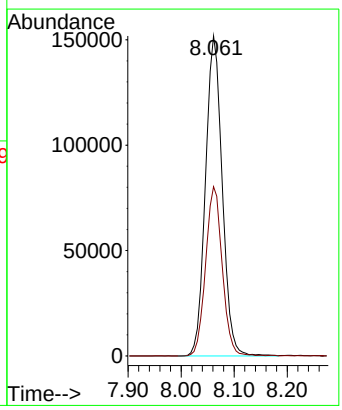


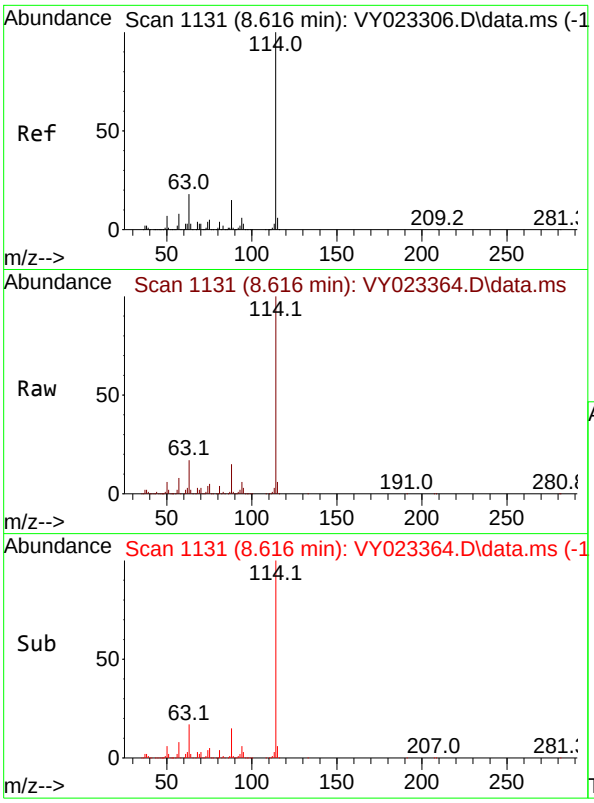


#33
1,2-Dichloroethane-d4
Concen: 54.043 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 65 Resp: 333209

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.8



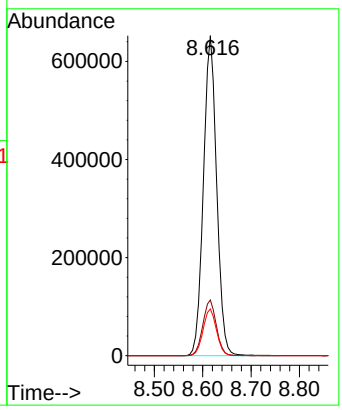


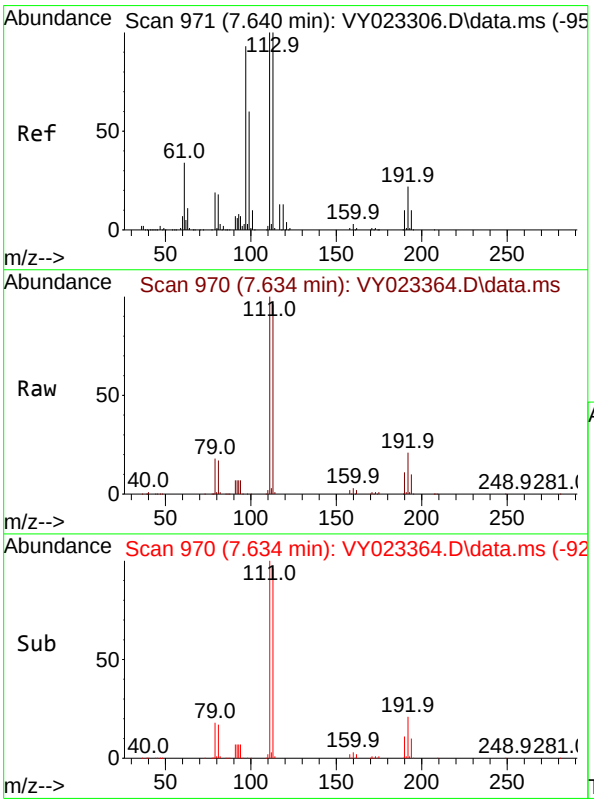
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Tgt Ion:114 Resp: 1240929

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	38.4
88	14.6	0.0	30.0

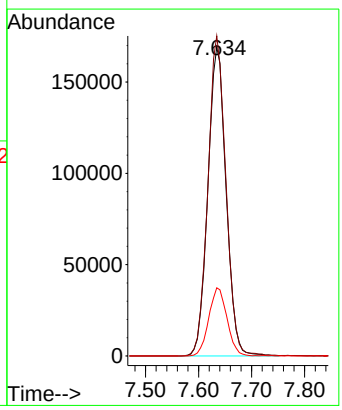


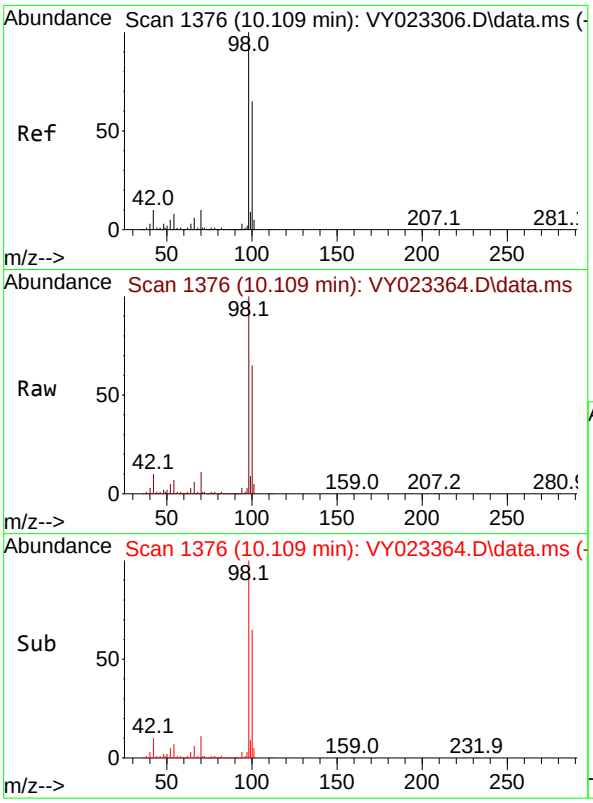


#35
Dibromofluoromethane
Concen: 53.281 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion:113 Resp: 404156

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	22.1	16.2	24.4



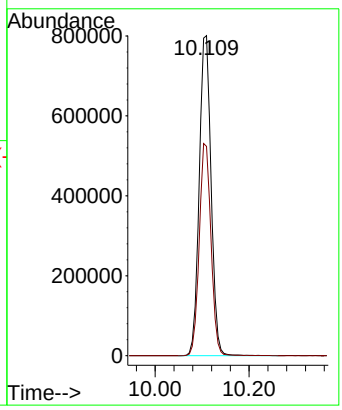


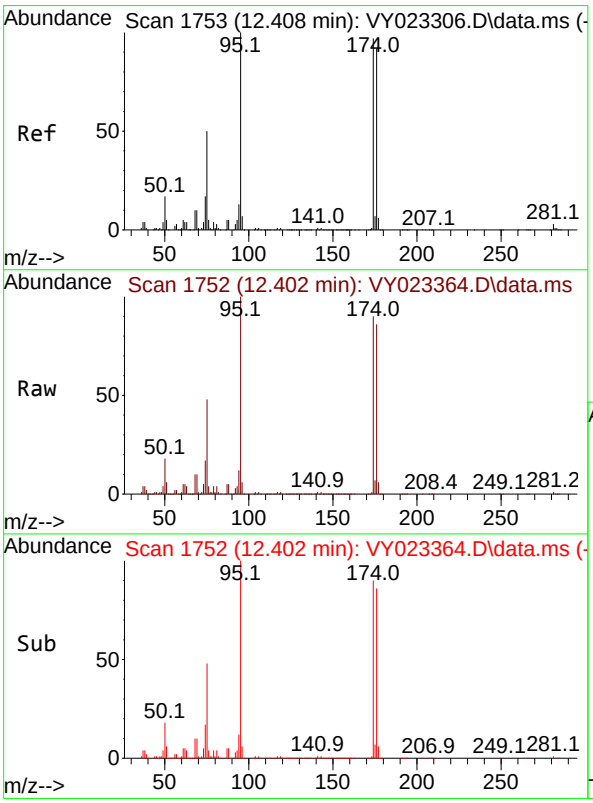
#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Tgt Ion: 98 Resp: 1403336

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5

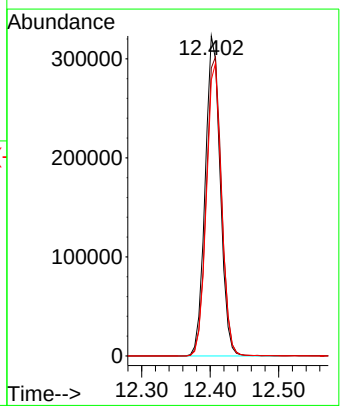


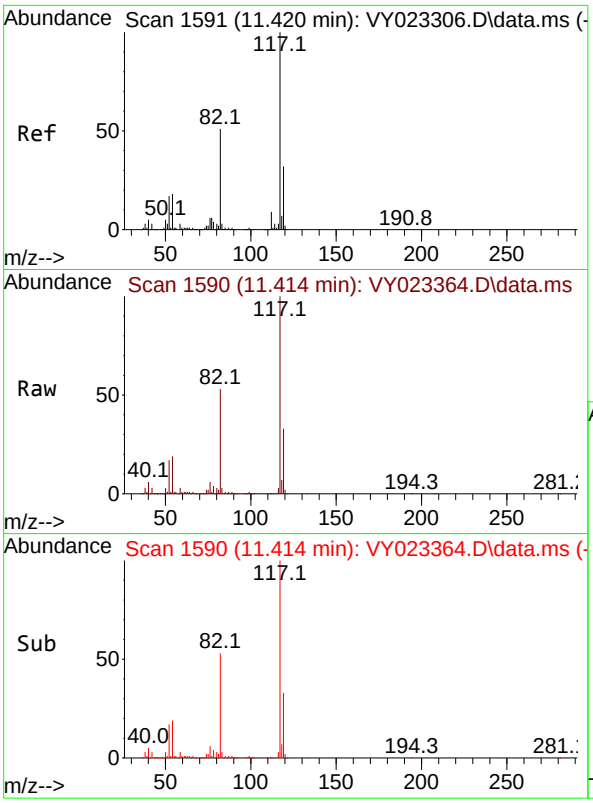


#62
4-Bromofluorobenzene
Concen: 54.642 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 95 Resp: 492534

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	171.6
176	91.9	0.0	167.6



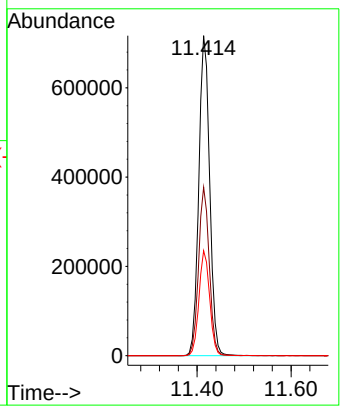


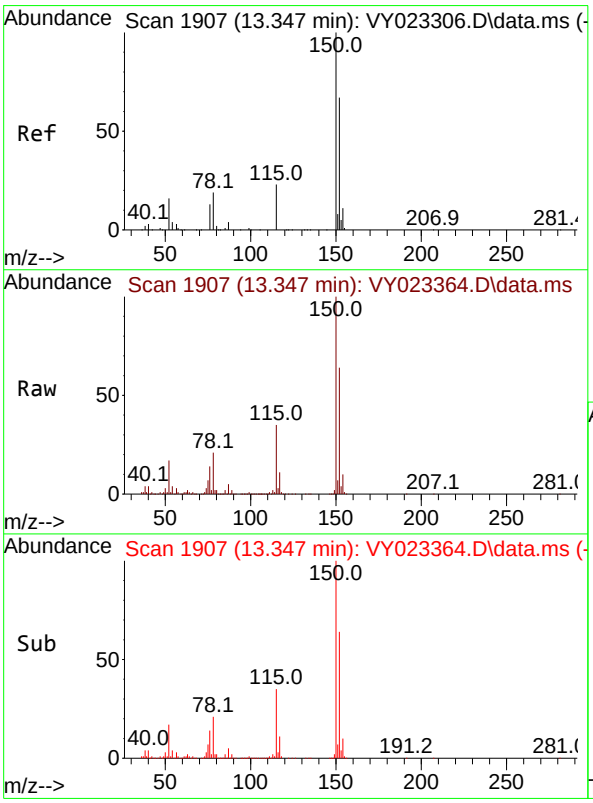
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Tgt Ion:117 Resp: 1153810

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.4	65.0
119	32.8	25.6	38.4

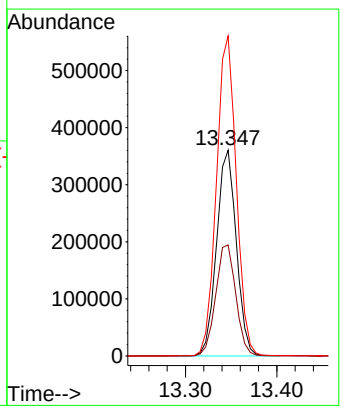




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion:152 Resp: 541851

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.6
150	155.8	0.0	348.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Title : SW846 8260

Signal : TIC: VY023364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	463	475	494	rVB2	69157	214562	5.97%	1.075%
2	5.641	633	643	653	rBV4	22927	68912	1.92%	0.345%
3	7.634	958	970	976	rBV	567266	1351703	37.63%	6.773%
4	7.707	976	982	999	rVB	848998	1922991	53.53%	9.635%
5	8.061	1031	1040	1053	rBV	432441	959058	26.70%	4.805%
6	8.616	1120	1131	1144	rBV	1407680	2716079	75.61%	13.609%
7	10.103	1366	1375	1385	rBV	2046302	3592396	100.00%	17.999%
8	10.512	1435	1442	1449	rBV	33190	64513	1.80%	0.323%
9	11.414	1581	1590	1602	rBV	2091961	3366170	93.70%	16.866%
10	12.402	1745	1752	1762	rBV	1637625	2586583	72.00%	12.960%
11	13.347	1900	1907	1916	rVB	1997207	3075625	85.61%	15.410%
12	13.883	1989	1995	2003	rVB2	23227	39870	1.11%	0.200%

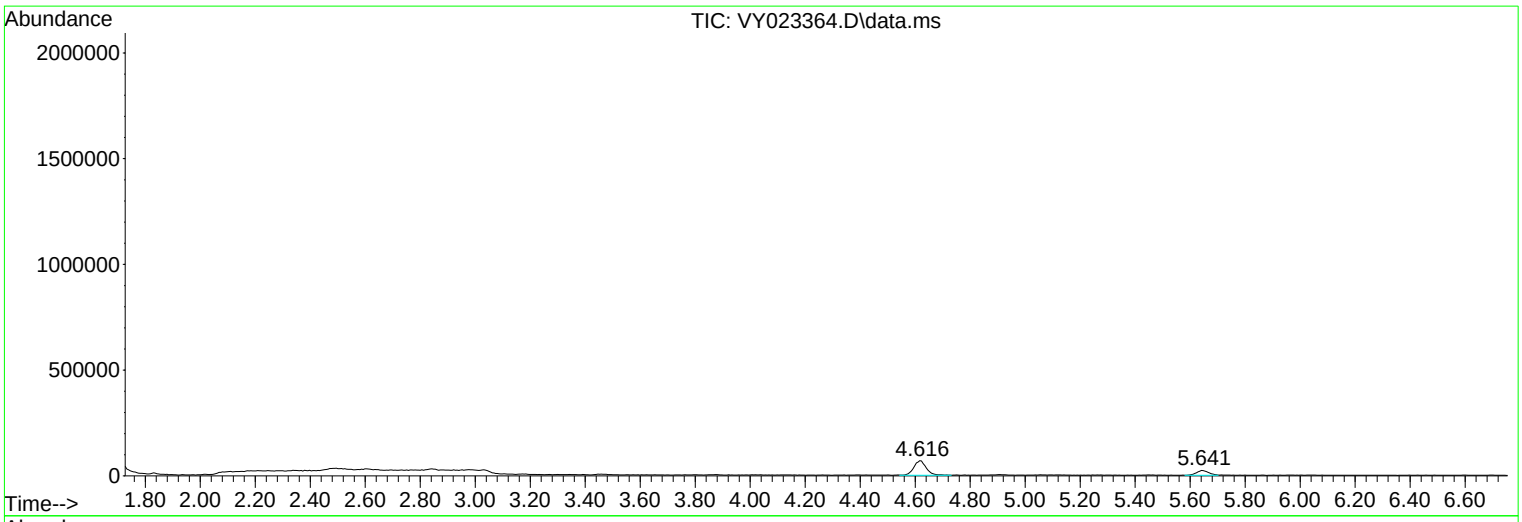
Sum of corrected areas: 19958462

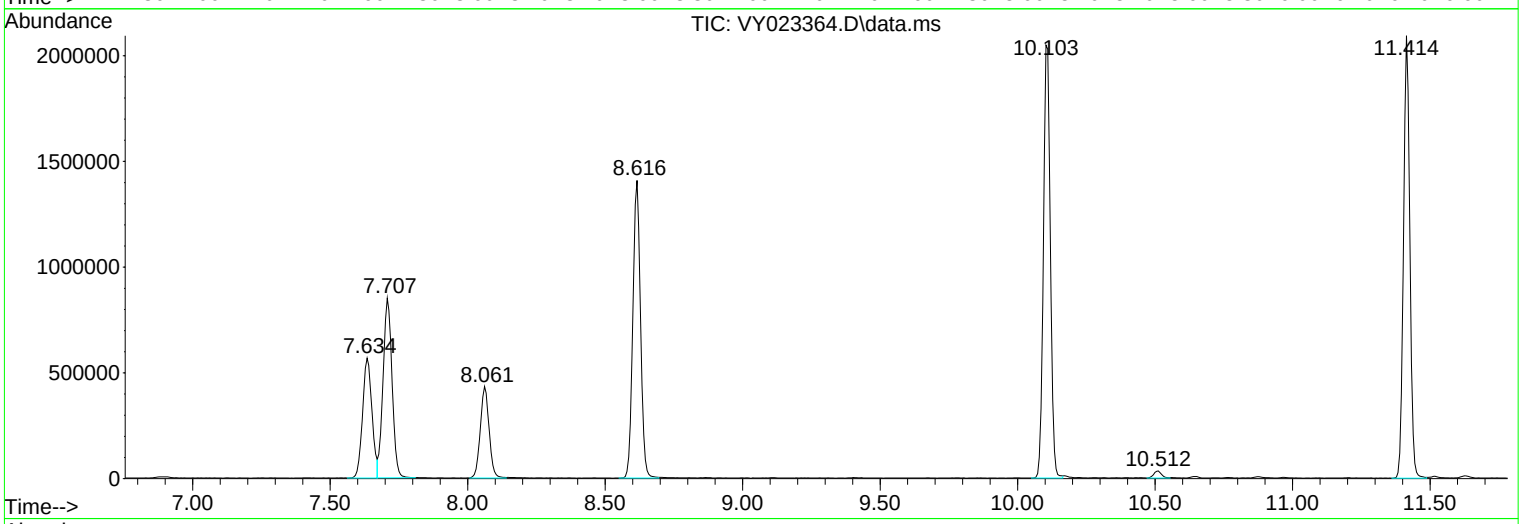
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

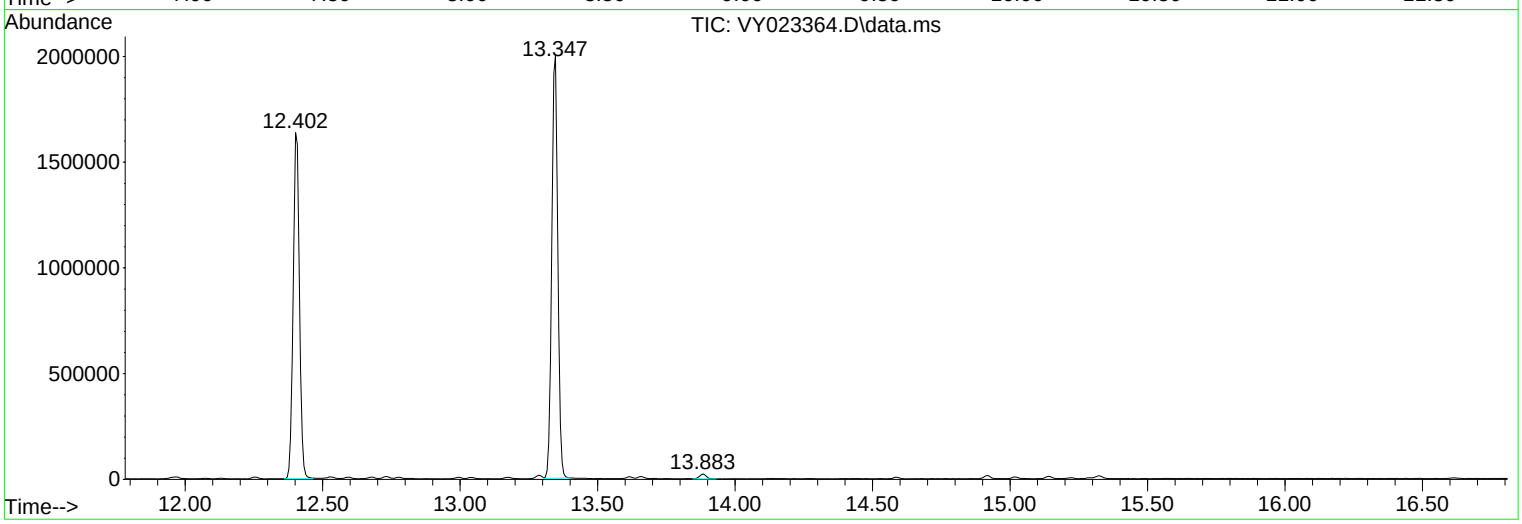
Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023364.D
Acq On : 25 Sep 2025 10:39
Operator : SY/MD
Sample : VY0925SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023365.D
Acq On : 25 Sep 2025 11:17
Operator : SY/MD
Sample : VY0925SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 04:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	598680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	900176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	766959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	395796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	247912	47.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.260%		
35) Dibromofluoromethane	7.634	113	268129	48.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.460%		
50) Toluene-d8	10.103	98	1022544	49.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.401	95	323016	49.401	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	103021	21.449	ug/l	98
3) Chloromethane	2.074	50	138394	20.136	ug/l	99
4) Vinyl Chloride	2.208	62	173717	20.063	ug/l	98
5) Bromomethane	2.592	94	145107	20.525	ug/l	99
6) Chloroethane	2.732	64	115887	19.778	ug/l	98
7) Trichlorofluoromethane	3.056	101	232765	21.299	ug/l	100
8) Diethyl Ether	3.458	74	60088	20.780	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.811	101	122258	20.803	ug/l	95
10) Methyl Iodide	4.007	142	119283	17.399	ug/l	98
11) Tert butyl alcohol	4.860	59	45008	148.067	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	116029	20.523	ug/l	92
13) Acrolein	3.653	56	29745	57.882	ug/l	99
14) Allyl chloride	4.385	41	141543	19.819	ug/l	96
15) Acrylonitrile	5.061	53	108141	95.001	ug/l	99
16) Acetone	3.866	43	151981	126.831	ug/l	99
17) Carbon Disulfide	4.104	76	340340	19.014	ug/l	98
18) Methyl Acetate	4.385	43	54157	18.424	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	270510	20.349	ug/l	96
20) Methylene Chloride	4.616	84	160324	25.007	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	127414	20.170	ug/l	91
22) Diisopropyl ether	6.018	45	315762	19.852	ug/l	93
23) Vinyl Acetate	5.957	43	860397	97.849	ug/l	96
24) 1,1-Dichloroethane	5.915	63	204945	19.700	ug/l	97
25) 2-Butanone	6.896	43	168181	114.034	ug/l	93
26) 2,2-Dichloropropane	6.884	77	196687	21.412	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	142243	19.884	ug/l	97
28) Bromochloromethane	7.244	49	77765	18.997	ug/l	87
29) Tetrahydrofuran	7.262	42	83936	95.950	ug/l	97
30) Chloroform	7.421	83	221144	19.784	ug/l	98
31) Cyclohexane	7.701	56	184356	20.026	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	202126	20.239	ug/l	98
36) 1,1-Dichloropropene	7.835	75	159084	20.299	ug/l	98
37) Ethyl Acetate	6.982	43	61078	19.592	ug/l	98
38) Carbon Tetrachloride	7.817	117	184211	20.428	ug/l	96
39) Methylcyclohexane	9.109	83	209817	20.927	ug/l	97
40) Benzene	8.079	78	493920	20.276	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023365.D
Acq On : 25 Sep 2025 11:17
Operator : SY/MD
Sample : VY0925SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 04:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	33959	21.035	ug/l		93
42) 1,2-Dichloroethane	8.158	62	123135	19.854	ug/l		99
43) Isopropyl Acetate	8.201	43	115282	19.012	ug/l		97
44) Trichloroethene	8.865	130	139028	20.490	ug/l		98
45) 1,2-Dichloropropane	9.140	63	108534	19.728	ug/l		99
46) Dibromomethane	9.231	93	65598	19.579	ug/l		95
47) Bromodichloromethane	9.426	83	167015	19.815	ug/l		98
48) Methyl methacrylate	9.219	41	55373	19.592	ug/l		95
49) 1,4-Dioxane	9.231	88	15719	462.192	ug/l		90
51) 4-Methyl-2-Pentanone	9.999	43	304753	98.240	ug/l		99
52) Toluene	10.170	92	315978	20.440	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	146036	20.124	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	176473	20.352	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	86951	19.510	ug/l		98
56) Ethyl methacrylate	10.438	69	98294	19.037	ug/l		96
57) 1,3-Dichloropropane	10.719	76	142592	19.708	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	199812	88.789	ug/l		94
59) 2-Hexanone	10.761	43	237323	110.665	ug/l		99
60) Dibromochloromethane	10.908	129	119292	19.728	ug/l		99
61) 1,2-Dibromoethane	11.011	107	83105	19.900	ug/l		98
64) Tetrachloroethene	10.646	164	158921	20.790	ug/l		97
65) Chlorobenzene	11.438	112	348582	20.746	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.517	131	121408	20.586	ug/l		97
67) Ethyl Benzene	11.517	91	577616	21.043	ug/l		99
68) m/p-Xylenes	11.627	106	461675	42.003	ug/l		97
69) o-Xylene	11.950	106	213922	21.024	ug/l		98
70) Styrene	11.969	104	348399	20.660	ug/l		98
71) Bromoform	12.127	173	71954	20.488	ug/l	#	100
73) Isopropylbenzene	12.255	105	560183	21.011	ug/l		99
74) N-amyl acetate	12.066	43	96595	19.168	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	88830	19.853	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	78604m	19.611	ug/l		
77) Bromobenzene	12.529	156	139670	20.505	ug/l		92
78) n-propylbenzene	12.590	91	661591	21.054	ug/l		98
79) 2-Chlorotoluene	12.676	91	376376	20.796	ug/l		97
80) 1,3,5-Trimethylbenzene	12.737	105	458943	21.165	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	29221	19.881	ug/l		98
82) 4-Chlorotoluene	12.773	91	392020	20.701	ug/l		97
83) tert-Butylbenzene	12.993	119	423818	21.581	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	453302	21.132	ug/l		98
85) sec-Butylbenzene	13.170	105	606313	21.219	ug/l		97
86) p-Isopropyltoluene	13.291	119	512422	21.230	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	276657	20.526	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	272791	20.434	ug/l		99
89) n-Butylbenzene	13.615	91	451428	21.089	ug/l		99
90) Hexachloroethane	13.877	117	106341	20.322	ug/l		91
91) 1,2-Dichlorobenzene	13.657	146	241606	20.559	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13602	19.374	ug/l		91
93) 1,2,4-Trichlorobenzene	14.919	180	147613	21.534	ug/l		98
94) Hexachlorobutadiene	15.017	225	95889	22.624	ug/l		99
95) Naphthalene	15.139	128	220909	20.050	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	125867	21.143	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023365.D
Acq On : 25 Sep 2025 11:17
Operator : SY/MD
Sample : VY0925SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 04:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

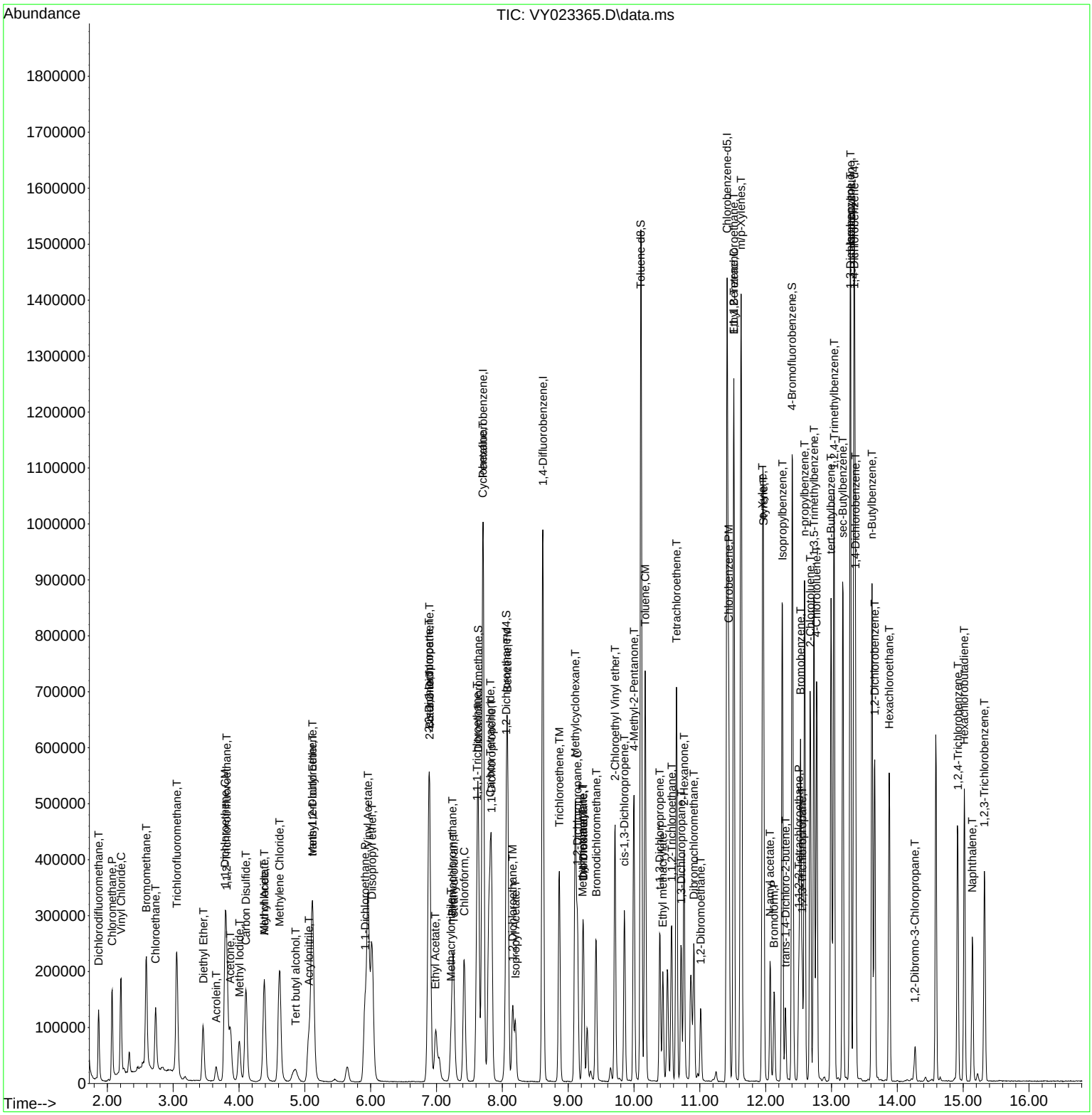
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023365.D
Acq On : 25 Sep 2025 11:17
Operator : SY/MD
Sample : VY0925SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 04:22:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023366.D
Acq On : 25 Sep 2025 11:40
Operator : SY/MD
Sample : VY0925SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 04:23:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	592925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	889198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	770961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	390902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	239601	45.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.980%			
35) Dibromofluoromethane	7.634	113	257407	47.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.720%			
50) Toluene-d8	10.103	98	978070	47.654	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.401	95	311387	48.210	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	98469	20.700	ug/l	100
3) Chloromethane	2.068	50	136406	20.040	ug/l	99
4) Vinyl Chloride	2.202	62	175750	20.495	ug/l	98
5) Bromomethane	2.586	94	139428	19.913	ug/l	98
6) Chloroethane	2.732	64	115449	19.894	ug/l	100
7) Trichlorofluoromethane	3.050	101	230196	21.269	ug/l	99
8) Diethyl Ether	3.452	74	56899	19.868	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	115021	19.761	ug/l	94
10) Methyl Iodide	4.001	142	117289	17.274	ug/l	100
11) Tert butyl alcohol	4.854	59	51410	170.770	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	111001	19.824	ug/l	91
13) Acrolein	3.647	56	28510	56.017	ug/l	97
14) Allyl chloride	4.385	41	141279	19.974	ug/l	98
15) Acrylonitrile	5.055	53	107374	95.242	ug/l	98
16) Acetone	3.866	43	143362	120.800	ug/l	95
17) Carbon Disulfide	4.104	76	331564	18.703	ug/l	99
18) Methyl Acetate	4.385	43	54588	18.751	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	255781	19.428	ug/l	96
20) Methylene Chloride	4.616	84	157095	24.742	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	122158	19.526	ug/l	94
22) Diisopropyl ether	6.018	45	307358	19.512	ug/l	95
23) Vinyl Acetate	5.958	43	837181	96.133	ug/l	99
24) 1,1-Dichloroethane	5.915	63	199563	19.369	ug/l	96
25) 2-Butanone	6.896	43	161839	110.799	ug/l	96
26) 2,2-Dichloropropane	6.884	77	188033	20.669	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	140870	19.884	ug/l	94
28) Bromochloromethane	7.244	49	75050	18.512	ug/l	84
29) Tetrahydrofuran	7.262	42	80033	92.377	ug/l	95
30) Chloroform	7.421	83	214974	19.419	ug/l	100
31) Cyclohexane	7.701	56	175720	19.273	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	193556	19.569	ug/l	99
36) 1,1-Dichloropropene	7.835	75	150075	19.386	ug/l	97
37) Ethyl Acetate	6.982	43	60547	19.661	ug/l	97
38) Carbon Tetrachloride	7.817	117	175932	19.750	ug/l	97
39) Methylcyclohexane	9.109	83	199790	20.173	ug/l	96
40) Benzene	8.079	78	476629	19.808	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023366.D
Acq On : 25 Sep 2025 11:40
Operator : SY/MD
Sample : VY0925SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 04:23:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	32809	20.573	ug/l		95
42) 1,2-Dichloroethane	8.158	62	117074	19.110	ug/l		98
43) Isopropyl Acetate	8.195	43	110745	18.489	ug/l		96
44) Trichloroethene	8.866	130	135810	20.263	ug/l		96
45) 1,2-Dichloropropane	9.140	63	105734	19.456	ug/l		100
46) Dibromomethane	9.231	93	62530	18.894	ug/l		93
47) Bromodichloromethane	9.420	83	159874	19.202	ug/l		99
48) Methyl methacrylate	9.219	41	51218	18.346	ug/l		93
49) 1,4-Dioxane	9.231	88	14304	425.779	ug/l		94
51) 4-Methyl-2-Pentanone	9.993	43	295709	96.501	ug/l		99
52) Toluene	10.170	92	304551	19.944	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	139955	19.524	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	169530	19.792	ug/l		99
55) 1,1,2-Trichloroethane	10.566	97	82603	18.763	ug/l		95
56) Ethyl methacrylate	10.438	69	93470	18.326	ug/l		98
57) 1,3-Dichloropropane	10.713	76	136358	19.079	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	205007	92.223	ug/l		94
59) 2-Hexanone	10.755	43	226634	106.986	ug/l		99
60) Dibromochloromethane	10.908	129	115856	19.396	ug/l		98
61) 1,2-Dibromoethane	11.012	107	78556	19.043	ug/l		100
64) Tetrachloroethene	10.646	164	162859	21.195	ug/l		97
65) Chlorobenzene	11.438	112	340773	20.176	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	117850	19.879	ug/l		98
67) Ethyl Benzene	11.518	91	559720	20.285	ug/l		99
68) m/p-Xylenes	11.627	106	450282	40.754	ug/l		96
69) o-Xylene	11.950	106	212209	20.748	ug/l		96
70) Styrene	11.969	104	341419	20.141	ug/l		98
71) Bromoform	12.127	173	69328	19.638	ug/l	#	100
73) Isopropylbenzene	12.249	105	542313	20.596	ug/l		98
74) N-amyl acetate	12.066	43	94890	19.065	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	83981	19.004	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	71527m	18.069	ug/l		
77) Bromobenzene	12.530	156	137321	20.413	ug/l		91
78) n-propylbenzene	12.590	91	643916	20.748	ug/l		98
79) 2-Chlorotoluene	12.676	91	367438	20.556	ug/l		97
80) 1,3,5-Trimethylbenzene	12.731	105	440027	20.547	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	28763	19.815	ug/l		98
82) 4-Chlorotoluene	12.773	91	374694	20.033	ug/l		96
83) tert-Butylbenzene	12.993	119	411311	21.206	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	440345	20.785	ug/l		97
85) sec-Butylbenzene	13.170	105	590845	20.936	ug/l		98
86) p-Isopropyltoluene	13.285	119	499377	20.948	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	271202	20.373	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	263436	19.980	ug/l		98
89) n-Butylbenzene	13.615	91	436237	20.634	ug/l		98
90) Hexachloroethane	13.877	117	102679	19.868	ug/l		92
91) 1,2-Dichlorobenzene	13.657	146	236124	20.344	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13796	19.896	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	146037	21.571	ug/l		98
94) Hexachlorobutadiene	15.017	225	94805	22.648	ug/l		100
95) Naphthalene	15.139	128	220941	20.304	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	122051	20.758	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023366.D
Acq On : 25 Sep 2025 11:40
Operator : SY/MD
Sample : VY0925SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 04:23:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

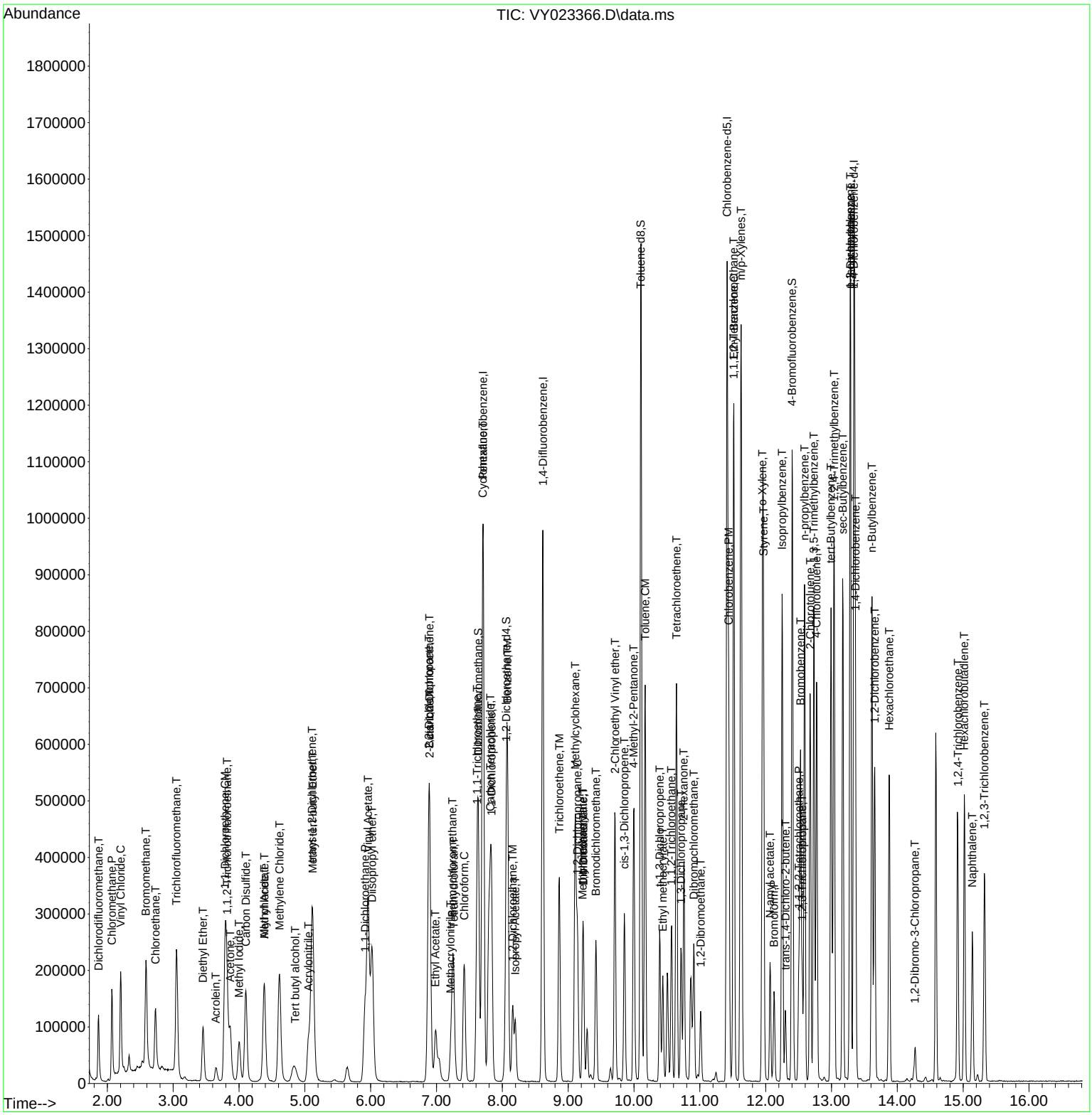
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023366.D
Acq On : 25 Sep 2025 11:40
Operator : SY/MD
Sample : VY0925SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 04:23:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY090825	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023303.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:20 PM	Sam	9/9/2025 3:14:24 PM	Peak Integrated by Software
VSTDICC005	VY023303.D	Methacrylonitrile	MMDadoda	9/9/2025 3:12:20 PM	Sam	9/9/2025 3:14:24 PM	Peak Integrated by Software
VSTDICC010	VY023304.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:22 PM	Sam	9/9/2025 3:14:25 PM	Peak Integrated by Software
VSTDICC010	VY023304.D	Methacrylonitrile	MMDadoda	9/9/2025 3:12:22 PM	Sam	9/9/2025 3:14:25 PM	Peak Integrated by Software
VSTDICC020	VY023305.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:23 PM	Sam	9/9/2025 3:14:30 PM	Peak Integrated by Software
VSTDICC020	VY023305.D	Methacrylonitrile	MMDadoda	9/9/2025 3:12:23 PM	Sam	9/9/2025 3:14:30 PM	Peak Integrated by Software
VSTDICCC050	VY023306.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:27 PM	Sam	9/9/2025 3:14:34 PM	Peak Integrated by Software
VSTDICCC050	VY023306.D	Methacrylonitrile	MMDadoda	9/9/2025 3:12:27 PM	Sam	9/9/2025 3:14:34 PM	Peak Integrated by Software
VSTDICC100	VY023307.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:48 PM	Sam	9/9/2025 3:14:36 PM	Peak Integrated by Software
VSTDICC150	VY023308.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:35 PM	Sam	9/9/2025 3:14:40 PM	Peak Integrated by Software
VSTDICV050	VY023310.D	1,2,3-Trichloropropane	MMDadoda	9/9/2025 3:12:36 PM	Sam	9/9/2025 3:14:46 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VY092525	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023363.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:52:05 AM	sam	9/29/2025 1:03:46 AM	Peak Integrated by Software
VY0925SBS01	VY023365.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:52:11 AM	sam	9/29/2025 1:03:53 AM	Peak Integrated by Software
VY0925SBSD01	VY023366.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:52:16 AM	sam	9/29/2025 1:04:00 AM	Peak Integrated by Software
VSTDCCC050	VY023382.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:52:22 AM	sam	9/29/2025 1:04:06 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY090825

Review By	Mahesh Dadoda	Review On	9/9/2025 3:13:06 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/19/2025 2:10:25 AM		
SubDirectory	VY090825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y090825s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135392
Initial Calibration Stds	VP135393,VP135394,VP135395,VP135396,VP135397,VP135398
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135399
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023302.D	08 Sep 2025 09:07	SY/MD	Ok
2	VSTDICC005	VY023303.D	08 Sep 2025 10:00	SY/MD	Ok,M
3	VSTDICC010	VY023304.D	08 Sep 2025 10:23	SY/MD	Ok,M
4	VSTDICC020	VY023305.D	08 Sep 2025 11:01	SY/MD	Ok,M
5	VSTDICCC050	VY023306.D	08 Sep 2025 11:23	SY/MD	Ok,M
6	VSTDICC100	VY023307.D	08 Sep 2025 11:46	SY/MD	Ok,M
7	VSTDICC150	VY023308.D	08 Sep 2025 12:08	SY/MD	Ok,M
8	VIBLK	VY023309.D	08 Sep 2025 12:32	SY/MD	Ok
9	VSTDICV050	VY023310.D	08 Sep 2025 12:55	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY092525

Review By	Mahesh Dadoda	Review On	9/26/2025 1:48:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:04:30 AM		
SubDirectory	VY092525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y090825s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135634
Initial Calibration Stds	
CCC	VP135635,VP135636
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023362.D	25 Sep 2025 09:30	SY/MD	Ok
2	VSTDCCC050	VY023363.D	25 Sep 2025 10:02	SY/MD	Ok,M
3	VY0925SBL01	VY023364.D	25 Sep 2025 10:39	SY/MD	Ok
4	VY0925SBS01	VY023365.D	25 Sep 2025 11:17	SY/MD	Ok,M
5	VY0925SBSD01	VY023366.D	25 Sep 2025 11:40	SY/MD	Ok,M
6	Q3187-01	VY023367.D	25 Sep 2025 12:35	SY/MD	Ok
7	Q3189-01	VY023368.D	25 Sep 2025 12:58	SY/MD	Ok
8	Q3188-02	VY023369.D	25 Sep 2025 13:22	SY/MD	Ok
9	Q3187-01	VY023370.D	25 Sep 2025 13:45	SY/MD	Not Ok
10	Q3189-01	VY023371.D	25 Sep 2025 14:09	SY/MD	Not Ok
11	Q3174-01	VY023372.D	25 Sep 2025 14:32	SY/MD	Ok
12	Q3174-02	VY023373.D	25 Sep 2025 14:56	SY/MD	Ok
13	Q3200-01	VY023374.D	25 Sep 2025 15:19	SY/MD	ReRun
14	Q3208-02	VY023375.D	25 Sep 2025 15:43	SY/MD	Ok
15	Q3208-08	VY023376.D	25 Sep 2025 16:06	SY/MD	Ok
16	Q3210-01	VY023377.D	25 Sep 2025 16:29	SY/MD	Ok
17	Q3206-01	VY023378.D	25 Sep 2025 16:53	SY/MD	ReRun
18	Q3209-01	VY023379.D	25 Sep 2025 17:16	SY/MD	ReRun
19	Q3212-01	VY023380.D	25 Sep 2025 17:40	SY/MD	Ok
20	VIBLK	VY023381.D	25 Sep 2025 18:03	SY/MD	Ok
21	VSTDCCC050	VY023382.D	25 Sep 2025 18:26	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY090825

Review By	Mahesh Dadoda	Review On	9/9/2025 3:13:06 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/19/2025 2:10:25 AM		
SubDirectory	VY090825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y090825s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135392
Initial Calibration Stds	VP135393,VP135394,VP135395,VP135396,VP135397,VP135398
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135399
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023302.D	08 Sep 2025 09:07		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023303.D	08 Sep 2025 10:00		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023304.D	08 Sep 2025 10:23		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023305.D	08 Sep 2025 11:01		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023306.D	08 Sep 2025 11:23		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023307.D	08 Sep 2025 11:46		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023308.D	08 Sep 2025 12:08		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023309.D	08 Sep 2025 12:32		SY/MD	Ok
9	VSTDICV050	ICVVY090825	VY023310.D	08 Sep 2025 12:55		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY092525

Review By	Mahesh Dadoda	Review On	9/26/2025 1:48:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:04:30 AM		
SubDirectory	VY092525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y090825s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135634
Initial Calibration Stds	
CCC	VP135635,VP135636
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023362.D	25 Sep 2025 09:30		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023363.D	25 Sep 2025 10:02		SY/MD	Ok,M
3	VY0925SBL01	VY0925SBL01	VY023364.D	25 Sep 2025 10:39		SY/MD	Ok
4	VY0925SBS01	VY0925SBS01	VY023365.D	25 Sep 2025 11:17		SY/MD	Ok,M
5	VY0925SBSD01	VY0925SBSD01	VY023366.D	25 Sep 2025 11:40		SY/MD	Ok,M
6	Q3187-01	228	VY023367.D	25 Sep 2025 12:35	vial-A	SY/MD	Ok
7	Q3189-01	72-11989	VY023368.D	25 Sep 2025 12:58	vial-A	SY/MD	Ok
8	Q3188-02	RB22120	VY023369.D	25 Sep 2025 13:22	vial-A	SY/MD	Ok
9	Q3187-01	228	VY023370.D	25 Sep 2025 13:45	vial-B already analyzed	SY/MD	Not Ok
10	Q3189-01	72-11989	VY023371.D	25 Sep 2025 14:09	vial-B already analyzed	SY/MD	Not Ok
11	Q3174-01	RPXY1	VY023372.D	25 Sep 2025 14:32	vial-A	SY/MD	Ok
12	Q3174-02	SBF1	VY023373.D	25 Sep 2025 14:56	vial-A	SY/MD	Ok
13	Q3200-01	ETGI-367	VY023374.D	25 Sep 2025 15:19	vial-A Internal Standard Fail	SY/MD	ReRun
14	Q3208-02	SU-ESM-VOC-01	VY023375.D	25 Sep 2025 15:43	vial-A	SY/MD	Ok
15	Q3208-08	SU-ESM-VOC-02	VY023376.D	25 Sep 2025 16:06	vial-A	SY/MD	Ok
16	Q3210-01	SG-1	VY023377.D	25 Sep 2025 16:29	vial-A	SY/MD	Ok
17	Q3206-01	TR-06-092525	VY023378.D	25 Sep 2025 16:53	vial-A Internal Standard Fail	SY/MD	ReRun
18	Q3209-01	PL-02-092525	VY023379.D	25 Sep 2025 17:16	vial-A Internal Standard Fail	SY/MD	ReRun

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY092525

Review By	Mahesh Dadoda	Review On	9/26/2025 1:48:29 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:04:30 AM		
SubDirectory	VY092525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y090825s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135634
Initial Calibration Stds	
CCC	VP135635,VP135636
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3212-01	EO-03-092525	VY023380.D	25 Sep 2025 17:40	vial-A	SY/MD	Ok
20	VIBLK	VIBLK	VY023381.D	25 Sep 2025 18:03		SY/MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VY023382.D	25 Sep 2025 18:26		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3174	**OrderDate:**	9/24/2025 9:56:00 AM
Client:	G Environmental	**Project:**	Buffington
Contact:	Gary Landis	**Location:**	J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3174-01	**RPXY1**	**SOIL**			**09/25/25**			**09/25/25**
			VOC-TCLVOA-10	8260D			09/25/25	
Q3174-02	**SBF1**	**SOIL**			**09/25/25**			**09/25/25**
			VOC-TCLVOA-10	8260D			09/25/25	

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25 09:20
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	RPXY1	SDG No.:	Q3174
Lab Sample ID:	Q3174-01	Matrix:	SOIL
		% Solid:	85.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Sulfate	736		1	10.2	69.7	mg/Kg		09/26/25 11:21	9056A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	09/25/25 10:00
Project:	Buffington	Date Received:	09/25/25
Client Sample ID:	SBF1	SDG No.:	Q3174
Lab Sample ID:	Q3174-02	Matrix:	SOIL
		% Solid:	86.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Sulfate	370		1	10.1	68.8	mg/Kg		09/26/25 12:26	9056A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q3174

Project: Buffington **RunNo.:** LB137344

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	10.1	10	101	90-110	09/26/2025
Chloride	mg/L	3	3	100	90-110	09/26/2025
Fluoride	mg/L	2	2	100	90-110	09/26/2025
Nitrite	mg/L	3	3	100	90-110	09/26/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/26/2025
Sulfate	mg/L	14.8	15	99	90-110	09/26/2025
Orthophosphate as P	mg/L	4.9	5	98	90-110	09/26/2025
Sample ID: CCV2						
Bromide	mg/L	10.1	10	101	90-110	09/26/2025
Chloride	mg/L	3	3	100	90-110	09/26/2025
Fluoride	mg/L	2	2	100	90-110	09/26/2025
Nitrite	mg/L	3	3	100	90-110	09/26/2025
Nitrate	mg/L	2.4	2.5	96	90-110	09/26/2025
Sulfate	mg/L	14.8	15	99	90-110	09/26/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	09/26/2025

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q3174

Project: Buffington **RunNo.:** LB137344

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/26/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/26/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/26/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/26/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/26/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/26/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/26/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/26/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/26/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/26/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/26/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/26/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/26/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/26/2025

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q3174

Project: Buffington

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	**LB137344BLS**						
Bromide	mg/Kg	< 20.0000	20.0000	U	7	40	09/26/2025
Chloride	mg/Kg	< 6.0000	6.0000	U	3.5	12	09/26/2025
Fluoride	mg/Kg	< 4.0000	4.0000	U	1.8	8	09/26/2025
Nitrite	mg/Kg	< 6.0000	6.0000	U	1.5	12	09/26/2025
Nitrate	mg/Kg	< 5.0000	5.0000	U	1.8	10	09/26/2025
Sulfate	mg/Kg	< 30.0000	30.0000	U	8.8	60	09/26/2025
Orthophosphate as P	mg/Kg	< 10.0000	10.0000	U	6.7	20	09/26/2025

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Matrix Spike Summary

Client: G Environmental
Project: Buffington
Client ID: RPXY1MS

SDG No.: Q3174
Sample ID: Q3174-01
Percent Solids for Spike Sample: 85.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	231		8.20	U	230	1	100		09/26/2025
Chloride	mg/Kg	80-120	69.7		4.00	U	69.8	1	100		09/26/2025
Fluoride	mg/Kg	80-120	6.20	J	2.00	U	46.6	1	13	*	09/26/2025
Nitrite	mg/Kg	80-120	68.7		1.80	U	69.8	1	98		09/26/2025
Nitrate	mg/Kg	80-120	56.8		2.10	U	58.2	1	98		09/26/2025
Sulfate	mg/Kg	80-120	1120	OR	736		350	1	110		09/26/2025
Orthophosphate as P	mg/Kg	80-120	7.80	U	7.80	U	120	1	0	*	09/26/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike Summary

Client: G Environmental
Project: Buffington
Client ID: RPXY1MSD
SDG No.: Q3174
Sample ID: Q3174-01
Percent Solids for Spike Sample: 85.4

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/Kg	80-120	230		8.20	U	230	1	100		09/26/2025
Chloride	mg/Kg	80-120	70.4		4.00	U	69.6	1	101		09/26/2025
Fluoride	mg/Kg	80-120	32.8		2.00	U	46.4	1	71	*	09/26/2025
Nitrite	mg/Kg	80-120	68.3		1.80	U	69.6	1	98		09/26/2025
Nitrate	mg/Kg	80-120	56.6		2.10	U	58	1	98		09/26/2025
Sulfate	mg/Kg	80-120	1110	OR	736		350	1	107		09/26/2025
Orthophosphate as P	mg/Kg	80-120	74.1		7.80	U	120	1	62	*	09/26/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Buffington
Client ID: RPXY1MSD

SDG No.: Q3174
Sample ID: Q3174-01
Percent Solids for Spike Sample: 85.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Bromide	mg/Kg	+/-15	231		230		1	0		09/26/2025
Nitrate	mg/Kg	+/-15	56.8		56.6		1	0		09/26/2025
Chloride	mg/Kg	+/-15	69.7		70.4		1	1		09/26/2025
Nitrite	mg/Kg	+/-15	68.7		68.3		1	1		09/26/2025
Sulfate	mg/Kg	+/-15	1120	OR	1110	OR	1	1		09/26/2025
Fluoride	mg/Kg	+/-15	6.20	J	32.8		1	136	*	09/26/2025
Orthophosphate as P	mg/Kg	+/-15	7.80	U	74.1		1	175	*	09/26/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q3174

Project: Buffington **Run No.:** LB137344

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB137344BSS								
Bromide	mg/Kg	200	202		101	1	90-110	09/26/2025
Chloride	mg/Kg	60	59.2		99	1	90-110	09/26/2025
Fluoride	mg/Kg	40	40.6		102	1	90-110	09/26/2025
Nitrite	mg/Kg	60	60.3		100	1	90-110	09/26/2025
Nitrate	mg/Kg	50	48.8		98	1	90-110	09/26/2025
Sulfate	mg/Kg	300	296		99	1	90-110	09/26/2025
Orthophosphate as P	mg/Kg	100	98.5		98	1	90-110	09/26/2025

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137344

Review By	rubina	Review On	10/1/2025 10:00:10 AM
Supervise By	Iwona	Supervise On	10/2/2025 9:24:47 AM
SubDirectory	LB137344	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114932
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114933
Chk Standard	WP114685,WP114686

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	09/26/25 09:22		RM/IZ	OK
11	CCB1	CCB1	CCB	09/26/25 09:44		RM/IZ	OK
12	LB137344BLS	LB137344BLS	MB	09/26/25 10:05		RM/IZ	OK
13	LB137344BSS	LB137344BSS	LCS	09/26/25 10:27		RM/IZ	OK
14	Q3174-01	RPXY1	SAM	09/26/25 11:21		RM/IZ	OK
15	Q3174-01MS	RPXY1MS	MS	09/26/25 11:43	5ml W3096	RM/IZ	OK
16	Q3174-01MSD	RPXY1MSD	MSD	09/26/25 12:04	5ml W3096	RM/IZ	OK
17	Q3174-02	SBF1	SAM	09/26/25 12:26		RM/IZ	OK
18	CCV2	CCV2	CCV	09/26/25 12:48		RM/IZ	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137344

Review By	rubina	Review On	10/1/2025 10:00:10 AM
Supervise By	lwona	Supervise On	10/2/2025 9:24:47 AM
SubDirectory	LB137344	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683
ICV Standard	WP114684
CCV Standard	WP114932
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP114933
Chk Standard	WP114685,WP114686

19	CCB2	CCB2	CCB	09/26/25 13:09		RM/IZ	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3174	**OrderDate:**	9/24/2025 9:56:00 AM
Client:	G Environmental	**Project:**	Buffington
Contact:	Gary Landis	**Location:**	J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3174-01	**RPXY1**	**SOIL**			**09/25/25 09:20**			**09/25/25**
			Anions Group1	9056A			09/26/25 11:21	
Q3174-02	**SBF1**	**SOIL**			**09/25/25 10:00**			**09/25/25**
			Anions Group1	9056A			09/26/25 12:26	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q 3174
COC Number 2047922

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: B. Environmental
ADDRESS: 8 Carrman
CITY Succasunna STATE: NJ ZIP 07876
ATTENTION: Gary
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Buffington
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: BV
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 Carrman
CITY Succasunna STATE: NJ ZIP:
ATTENTION: Gary PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 day NJ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other SRP excel
X EDD FORMAT NJ DEP

ANALYSIS

1: 2: TCL VOC + 15 TICs 8021 3: 4: Sulfate 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
									Ferm								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	RPXY1	Soil		X	9/25/25	0920	5		X		X						
2.	SBF1	Soil		X	9/25/25	1000	5		X		X						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/25/25 1040	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 23 °C
Comments: 1L-Gen #1

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3174 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/24/2025 9:56:00 AM
Project Name : Buffington
Receive DateTime : 9/25/2025 10:40:00 AM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3174-01	RPXY1	Solid	09/25/2025	09:20					
					VOC-TCLVOA-10		8260CD		5 Bus. Days
Q3174-02	SBF1	Solid	09/25/2025	10:00					
					VOC-TCLVOA-10		8260CD		5 Bus. Days

Relinguished By :
Date / Time : 9/25/25 1215

Received By :
Date / Time : 09/25/25 1215

Storage Area : VOA Refridgerator Room