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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : LEXINGTON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3276

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q3276

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q3276

Project ID : Lexington

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3276-01	SB2
Q3276-02	SB2A

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: 10/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

G Environmental
Project Name: Lexington
Project # N/A
Order ID # Q3276
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 10/02/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. 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.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
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 File ID VX048153.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane,Carbon Disulfide,Carbon Tetrachloride,Dichlorodifluoromethane,Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples SB2A analyzed directly in methanol as sample has high odor, indicating high VOCs as precaution sample has analyzed at straight medium dilution, sample has high target and non target analytes, lab will not be performing low level on sample.

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E. Additional Comments:
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.

The soil samples results are based on a dry weight basis.

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_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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 #: Q3276

	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: MAHESH PATEL **Date:** 10/16/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3276

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SB2A**							
Q3276-02	SB2A	SOIL	Cyclohexane	45000		2900	18400	ug/Kg
Q3276-02	SB2A	SOIL	Methylcyclohexane	123000		3400	18400	ug/Kg
Q3276-02	SB2A	SOIL	Ethyl Benzene	38900		2500	18400	ug/Kg
Q3276-02	SB2A	SOIL	m/p-Xylenes	9700	J	4600	36800	ug/Kg
Q3276-02	SB2A	SOIL	Isopropylbenzene	10800	J	2900	18400	ug/Kg
			Total Voc :	227000				
			Total Concentration:	227000				

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SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Lexington	Date Received:	10/02/25
Client Sample ID:	SB2	SDG No.:	Q3276
Lab Sample ID:	Q3276-01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 86.6
Sample Wt/Vol:	5.89 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
74-87-3	Chloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
75-01-4	Vinyl Chloride	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
74-83-9	Bromomethane	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
75-00-3	Chloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
75-35-4	1,1-Dichloroethene	0.98	U	1	0.98	4.90	ug/Kg	10/14/25 17:13	VY101425
67-64-1	Acetone	4.60	U	1	4.60	24.5	ug/Kg	10/14/25 17:13	VY101425
75-15-0	Carbon Disulfide	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
1634-04-4	Methyl tert-butyl Ether	0.72	U	1	0.72	4.90	ug/Kg	10/14/25 17:13	VY101425
79-20-9	Methyl Acetate	1.50	U	1	1.50	4.90	ug/Kg	10/14/25 17:13	VY101425
75-09-2	Methylene Chloride	3.50	U	1	3.50	9.80	ug/Kg	10/14/25 17:13	VY101425
156-60-5	trans-1,2-Dichloroethene	0.84	U	1	0.84	4.90	ug/Kg	10/14/25 17:13	VY101425
75-34-3	1,1-Dichloroethane	0.78	U	1	0.78	4.90	ug/Kg	10/14/25 17:13	VY101425
110-82-7	Cyclohexane	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
78-93-3	2-Butanone	6.40	U	1	6.40	24.5	ug/Kg	10/14/25 17:13	VY101425
56-23-5	Carbon Tetrachloride	0.95	U	1	0.95	4.90	ug/Kg	10/14/25 17:13	VY101425
156-59-2	cis-1,2-Dichloroethene	0.74	U	1	0.74	4.90	ug/Kg	10/14/25 17:13	VY101425
74-97-5	Bromochloromethane	1.10	U	1	1.10	4.90	ug/Kg	10/14/25 17:13	VY101425
67-66-3	Chloroform	0.82	U	1	0.82	4.90	ug/Kg	10/14/25 17:13	VY101425
71-55-6	1,1,1-Trichloroethane	0.91	U	1	0.91	4.90	ug/Kg	10/14/25 17:13	VY101425
108-87-2	Methylcyclohexane	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
71-43-2	Benzene	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
107-06-2	1,2-Dichloroethane	0.77	U	1	0.77	4.90	ug/Kg	10/14/25 17:13	VY101425
79-01-6	Trichloroethene	0.79	U	1	0.79	4.90	ug/Kg	10/14/25 17:13	VY101425
78-87-5	1,2-Dichloropropane	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
75-27-4	Bromodichloromethane	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
108-10-1	4-Methyl-2-Pentanone	3.50	U	1	3.50	24.5	ug/Kg	10/14/25 17:13	VY101425
108-88-3	Toluene	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
10061-02-6	t-1,3-Dichloropropene	0.64	U	1	0.64	4.90	ug/Kg	10/14/25 17:13	VY101425
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1	0.61	4.90	ug/Kg	10/14/25 17:13	VY101425
79-00-5	1,1,2-Trichloroethane	0.90	U	1	0.90	4.90	ug/Kg	10/14/25 17:13	VY101425
591-78-6	2-Hexanone	3.60	U	1	3.60	24.5	ug/Kg	10/14/25 17:13	VY101425
124-48-1	Dibromochloromethane	0.85	U	1	0.85	4.90	ug/Kg	10/14/25 17:13	VY101425
106-93-4	1,2-Dibromoethane	0.86	U	1	0.86	4.90	ug/Kg	10/14/25 17:13	VY101425
127-18-4	Tetrachloroethene	1.00	U	1	1.00	4.90	ug/Kg	10/14/25 17:13	VY101425
108-90-7	Chlorobenzene	0.89	U	1	0.89	4.90	ug/Kg	10/14/25 17:13	VY101425
100-41-4	Ethyl Benzene	0.66	U	1	0.66	4.90	ug/Kg	10/14/25 17:13	VY101425
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	9.80	ug/Kg	10/14/25 17:13	VY101425
95-47-6	o-Xylene	0.80	U	1	0.80	4.90	ug/Kg	10/14/25 17:13	VY101425
100-42-5	Styrene	0.70	U	1	0.70	4.90	ug/Kg	10/14/25 17:13	VY101425
75-25-2	Bromoform	0.84	U	1	0.84	4.90	ug/Kg	10/14/25 17:13	VY101425

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Lexington	Date Received:	10/02/25
Client Sample ID:	SB2	SDG No.:	Q3276
Lab Sample ID:	Q3276-01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 86.6
Sample Wt/Vol:	5.89 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.76	U	1	0.76	4.90	ug/Kg	10/14/25 17:13	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	4.90	ug/Kg	10/14/25 17:13	VY101425
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	4.90	ug/Kg	10/14/25 17:13	VY101425
106-46-7	1,4-Dichlorobenzene	1.50	U	1	1.50	4.90	ug/Kg	10/14/25 17:13	VY101425
95-50-1	1,2-Dichlorobenzene	1.40	U	1	1.40	4.90	ug/Kg	10/14/25 17:13	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	4.90	ug/Kg	10/14/25 17:13	VY101425
120-82-1	1,2,4-Trichlorobenzene	2.90	U	1	2.90	4.90	ug/Kg	10/14/25 17:13	VY101425
87-61-6	1,2,3-Trichlorobenzene	3.10	U	1	3.10	4.90	ug/Kg	10/14/25 17:13	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.1			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	53.9			74 - 123	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.8			17 - 146	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	582000							
540-36-3	1,4-Difluorobenzene	1140000							
3114-55-4	Chlorobenzene-d5	1180000							
3855-82-1	1,4-Dichlorobenzene-d4	560000							

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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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	10/01/25	
Project:	Lexington		Date Received:	10/02/25	
Client Sample ID:	SB2A		SDG No.:	Q3276	
Lab Sample ID:	Q3276-02	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	91	
Sample Wt/Vol:	7.46 g	Final Vol: 5000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
74-87-3	Chloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
75-01-4	Vinyl Chloride	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
74-83-9	Bromomethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-00-3	Chloroethane	4600	U	100	4600	18400	ug/Kg	10/14/25 15:13	VX101425
75-69-4	Trichlorofluoromethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-35-4	1,1-Dichloroethene	3700	U	100	3700	18400	ug/Kg	10/14/25 15:13	VX101425
67-64-1	Acetone	17500	U	100	17500	92100	ug/Kg	10/14/25 15:13	VX101425
75-15-0	Carbon Disulfide	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
1634-04-4	Methyl tert-butyl Ether	2700	U	100	2700	18400	ug/Kg	10/14/25 15:13	VX101425
79-20-9	Methyl Acetate	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
75-09-2	Methylene Chloride	13000	U	100	13000	36800	ug/Kg	10/14/25 15:13	VX101425
156-60-5	trans-1,2-Dichloroethene	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
75-34-3	1,1-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
110-82-7	Cyclohexane	45000		100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
78-93-3	2-Butanone	24100	U	100	24100	92100	ug/Kg	10/14/25 15:13	VX101425
56-23-5	Carbon Tetrachloride	3600	U	100	3600	18400	ug/Kg	10/14/25 15:13	VX101425
156-59-2	cis-1,2-Dichloroethene	2800	U	100	2800	18400	ug/Kg	10/14/25 15:13	VX101425
74-97-5	Bromochloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
67-66-3	Chloroform	3100	U	100	3100	18400	ug/Kg	10/14/25 15:13	VX101425
71-55-6	1,1,1-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
108-87-2	Methylcyclohexane	123000		100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
71-43-2	Benzene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
107-06-2	1,2-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-01-6	Trichloroethene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
78-87-5	1,2-Dichloropropane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
75-27-4	Bromodichloromethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
108-10-1	4-Methyl-2-Pentanone	13200	U	100	13200	92100	ug/Kg	10/14/25 15:13	VX101425
108-88-3	Toluene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
10061-02-6	t-1,3-Dichloropropene	2400	U	100	2400	18400	ug/Kg	10/14/25 15:13	VX101425
10061-01-5	cis-1,3-Dichloropropene	2300	U	100	2300	18400	ug/Kg	10/14/25 15:13	VX101425
79-00-5	1,1,2-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
591-78-6	2-Hexanone	13600	U	100	13600	92100	ug/Kg	10/14/25 15:13	VX101425
124-48-1	Dibromochloromethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
106-93-4	1,2-Dibromoethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
127-18-4	Tetrachloroethene	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
108-90-7	Chlorobenzene	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
100-41-4	Ethyl Benzene	38900		100	2500	18400	ug/Kg	10/14/25 15:13	VX101425
179601-23-1	m/p-Xylenes	9700	J	100	4600	36800	ug/Kg	10/14/25 15:13	VX101425
95-47-6	o-Xylene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
100-42-5	Styrene	2600	U	100	2600	18400	ug/Kg	10/14/25 15:13	VX101425
75-25-2	Bromoform	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425

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Report of Analysis

Client:	G Environmental			Date Collected:	10/01/25
Project:	Lexington			Date Received:	10/02/25
Client Sample ID:	SB2A			SDG No.:	Q3276
Lab Sample ID:	Q3276-02	Soil Aliquot Vol: 100 uL		Matrix:	SOIL
Analytical Method:	8260D	Level : MED		% Solid:	91
Sample Wt/Vol:	7.46 g	Final Vol: 5000 uL		Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10800	J	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
541-73-1	1,3-Dichlorobenzene	6300	U	100	6300	18400	ug/Kg	10/14/25 15:13	VX101425
106-46-7	1,4-Dichlorobenzene	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
95-50-1	1,2-Dichlorobenzene	5300	U	100	5300	18400	ug/Kg	10/14/25 15:13	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	6800	U	100	6800	18400	ug/Kg	10/14/25 15:13	VX101425
120-82-1	1,2,4-Trichlorobenzene	10900	U	100	10900	18400	ug/Kg	10/14/25 15:13	VX101425
87-61-6	1,2,3-Trichlorobenzene	11700	U	100	11700	18400	ug/Kg	10/14/25 15:13	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.6			17 - 146	123%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	111000							
540-36-3	1,4-Difluorobenzene	241000							
3114-55-4	Chlorobenzene-d5	246000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

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

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

SDG No.: Q3276

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3276-01	SB2	1,2-Dichloroethane-d4	50	52.1	104		63	155
		Dibromofluoromethane	50	51.1	102		70	134
		Toluene-d8	50	53.9	108		74	123
		4-Bromofluorobenzene	50	57.8	116		17	146
Q3276-02	SB2A	1,2-Dichloroethane-d4	50	57.5	115		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	61.6	123		17	146
VX1014MBL01	VX1014MBL01	1,2-Dichloroethane-d4	50	56.7	113		63	155
		Dibromofluoromethane	50	55.6	111		70	134
		Toluene-d8	50	53.8	108		74	123
		4-Bromofluorobenzene	50	59.0	118		17	146
VX1014MBS02	VX1014MBS02	1,2-Dichloroethane-d4	50	45.8	92		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	48.0	96		74	123
		4-Bromofluorobenzene	50	49.6	99		17	146
VY1014SBL01	VY1014SBL01	1,2-Dichloroethane-d4	50	59.3	119		63	155
		Dibromofluoromethane	50	54.2	108		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	52.1	104		17	146
VY1014SBS01	VY1014SBS01	1,2-Dichloroethane-d4	50	46.2	92		63	155
		Dibromofluoromethane	50	48.9	98		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	46.5	93		17	146
VY1014SBSD01	VY1014SBSD01	1,2-Dichloroethane-d4	50	46.2	92		63	155
		Dibromofluoromethane	50	49.1	98		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	46.7	93		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX048164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014MBS02	Dichlorodifluoromethane	2000	2100	ug/Kg	105			64	136	
	Chloromethane	2000	1900	ug/Kg	95			52	151	
	Vinyl chloride	2000	2100	ug/Kg	105			56	148	
	Bromomethane	2000	2300	ug/Kg	115			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	2200	ug/Kg	110			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	2100	ug/Kg	105			81	123	
	1,1-Dichloroethene	2000	2000	ug/Kg	100			79	121	
	Acetone	10000	7400	ug/Kg	74			40	171	
	Carbon disulfide	2000	2200	ug/Kg	110			59	130	
	Methyl tert-butyl Ether	2000	1800	ug/Kg	90			77	129	
	Methyl Acetate	2000	1700	ug/Kg	85			69	149	
	Methylene Chloride	2000	1900	ug/Kg	95			72	131	
	trans-1,2-Dichloroethene	2000	2000	ug/Kg	100			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	2000	ug/Kg	100			76	122	
	2-Butanone	10000	8500	ug/Kg	85			69	131	
	Carbon Tetrachloride	2000	2200	ug/Kg	110			76	129	
	cis-1,2-Dichloroethene	2000	1900	ug/Kg	95			82	123	
	Bromochloromethane	2000	2100	ug/Kg	105			80	127	
	Chloroform	2000	2000	ug/Kg	100			82	125	
	1,1,1-Trichloroethane	2000	2100	ug/Kg	105			80	126	
	Methylcyclohexane	2000	2000	ug/Kg	100			77	123	
	Benzene	2000	2000	ug/Kg	100			84	121	
	1,2-Dichloroethane	2000	2000	ug/Kg	100			81	126	
	Trichloroethene	2000	2100	ug/Kg	105			83	122	
	1,2-Dichloropropane	2000	2000	ug/Kg	100			83	122	
	Bromodichloromethane	2000	2000	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	10000	9400	ug/Kg	94			70	135	
	Toluene	2000	2100	ug/Kg	105			83	122	
	t-1,3-Dichloropropene	2000	1900	ug/Kg	95			78	124	
	cis-1,3-Dichloropropene	2000	2000	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	2000	2100	ug/Kg	105			82	125	
	2-Hexanone	10000	9100	ug/Kg	91			66	138	
	Dibromochloromethane	2000	2200	ug/Kg	110			79	125	
	1,2-Dibromoethane	2000	2100	ug/Kg	105			80	125	
	Tetrachloroethene	2000	2200	ug/Kg	110			83	125	
	Chlorobenzene	2000	2000	ug/Kg	100			84	122	
	Ethyl Benzene	2000	1900	ug/Kg	95			82	124	
	m/p-Xylenes	4000	4000	ug/Kg	100			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	1900	ug/Kg	95			82	124	
	Bromoform	2000	2100	ug/Kg	105			75	127	
	Isopropylbenzene	2000	1800	ug/Kg	90			82	124	
	1,1,2,2-Tetrachloroethane	2000	1800	ug/Kg	90			77	127	
	1,3-Dichlorobenzene	2000	1800	ug/Kg	90			83	122	
	1,4-Dichlorobenzene	2000	1800	ug/Kg	90			84	121	
	1,2-Dichlorobenzene	2000	1800	ug/Kg	90			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX048164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014MBS02	1,2-Dibromo-3-Chloropropane	2000	1700	ug/Kg	85			66	134	
	1,2,4-Trichlorobenzene	2000	1700	ug/Kg	85			78	127	
	1,2,3-Trichlorobenzene	2000	1700	ug/Kg	85			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023458.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBS01	Dichlorodifluoromethane	20	21.4	ug/Kg	107			64	136	
	Chloromethane	20	20.2	ug/Kg	101			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	21.0	ug/Kg	105			58	141	
	Chloroethane	20	21.0	ug/Kg	105			69	130	
	Trichlorofluoromethane	20	20.2	ug/Kg	101			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.0	ug/Kg	100			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	20.3	ug/Kg	102			59	130	
	Methyl tert-butyl Ether	20	17.8	ug/Kg	89			77	129	
	Methyl Acetate	20	14.5	ug/Kg	73			69	149	
	Methylene Chloride	20	19.2	ug/Kg	96			72	131	
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103			80	123	
	1,1-Dichloroethane	20	20.6	ug/Kg	103			82	123	
	Cyclohexane	20	19.3	ug/Kg	97			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	21.1	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	Bromochloromethane	20	20.4	ug/Kg	102			80	127	
	Chloroform	20	20.6	ug/Kg	103			82	125	
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103			80	126	
	Methylcyclohexane	20	19.8	ug/Kg	99			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	19.5	ug/Kg	98			81	126	
	Trichloroethene	20	20.7	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.2	ug/Kg	101			82	123	
	4-Methyl-2-Pentanone	100	86.8	ug/Kg	87			70	135	
	Toluene	20	20.6	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97			78	124	
	cis-1,3-Dichloropropene	20	20.0	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	20	19.5	ug/Kg	98			82	125	
	2-Hexanone	100	96.7	ug/Kg	97			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	18.7	ug/Kg	94			80	125	
	Tetrachloroethene	20	20.6	ug/Kg	103			83	125	
	Chlorobenzene	20	20.2	ug/Kg	101			84	122	
	Ethyl Benzene	20	19.9	ug/Kg	100			82	124	
	m/p-Xylenes	40	40.8	ug/Kg	102			83	124	
	o-Xylene	20	19.5	ug/Kg	98			83	123	
	Styrene	20	20.2	ug/Kg	101			82	124	
	Bromoform	20	19.0	ug/Kg	95			75	127	
	Isopropylbenzene	20	19.9	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/Kg	91			77	127	
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.5	ug/Kg	98			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023458.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBS01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/Kg	85			66	134	
	1,2,4-Trichlorobenzene	20	17.4	ug/Kg	87			78	127	
	1,2,3-Trichlorobenzene	20	16.9	ug/Kg	85			70	137	

Alliance TECHNICAL GROUP
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023459.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBSD01	Dichlorodifluoromethane	20	21.0	ug/Kg	105	2		64	136	20
	Chloromethane	20	20.3	ug/Kg	102	1		52	151	20
	Vinyl chloride	20	20.1	ug/Kg	101	0		56	148	20
	Bromomethane	20	20.7	ug/Kg	104	1		58	141	20
	Chloroethane	20	20.6	ug/Kg	103	2		69	130	20
	Trichlorofluoromethane	20	20.0	ug/Kg	100	1		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.7	ug/Kg	104	0		81	123	20
	1,1-Dichloroethene	20	19.8	ug/Kg	99	1		79	121	20
	Acetone	100	120	ug/Kg	120	0		40	171	20
	Carbon disulfide	20	20.3	ug/Kg	102	0		59	130	20
	Methyl tert-butyl Ether	20	17.9	ug/Kg	90	1		77	129	20
	Methyl Acetate	20	15.7	ug/Kg	79	8		69	149	20
	Methylene Chloride	20	19.5	ug/Kg	98	2		72	131	20
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	0		80	123	20
	1,1-Dichloroethane	20	20.8	ug/Kg	104	1		82	123	20
	Cyclohexane	20	18.9	ug/Kg	95	2		76	122	20
	2-Butanone	100	98.9	ug/Kg	99	1		69	131	20
	Carbon Tetrachloride	20	21.1	ug/Kg	106	0		76	129	20
	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102	2		82	123	20
	Bromochloromethane	20	20.7	ug/Kg	104	2		80	127	20
	Chloroform	20	21.0	ug/Kg	105	2		82	125	20
	1,1,1-Trichloroethane	20	20.9	ug/Kg	104	1		80	126	20
	Methylcyclohexane	20	19.0	ug/Kg	95	4		77	123	20
	Benzene	20	20.8	ug/Kg	104	0		84	121	20
	1,2-Dichloroethane	20	19.8	ug/Kg	99	1		81	126	20
	Trichloroethene	20	20.3	ug/Kg	102	2		83	122	20
	1,2-Dichloropropane	20	20.4	ug/Kg	102	1		83	122	20
	Bromodichloromethane	20	20.7	ug/Kg	104	3		82	123	20
	4-Methyl-2-Pentanone	100	84.8	ug/Kg	85	2		70	135	20
	Toluene	20	20.9	ug/Kg	104	1		83	122	20
	t-1,3-Dichloropropene	20	19.2	ug/Kg	96	1		78	124	20
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101	1		81	122	20
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99	1		82	125	20
	2-Hexanone	100	92.6	ug/Kg	93	4		66	138	20
	Dibromochloromethane	20	20.2	ug/Kg	101	1		79	125	20
	1,2-Dibromoethane	20	19.7	ug/Kg	99	5		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	0		83	125	20
	Chlorobenzene	20	20.5	ug/Kg	103	2		84	122	20
	Ethyl Benzene	20	20.1	ug/Kg	101	1		82	124	20
	m/p-Xylenes	40	41.0	ug/Kg	103	1		83	124	20
	o-Xylene	20	20.0	ug/Kg	100	2		83	123	20
	Styrene	20	20.5	ug/Kg	103	2		82	124	20
	Bromoform	20	19.4	ug/Kg	97	2		75	127	20
	Isopropylbenzene	20	20.2	ug/Kg	101	1		82	124	20
	1,1,2,2-Tetrachloroethane	20	18.6	ug/Kg	93	2		77	127	20
	1,3-Dichlorobenzene	20	20.2	ug/Kg	101	1		83	122	20
	1,4-Dichlorobenzene	20	19.9	ug/Kg	100	1		84	121	20
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100	2		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3276 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VY023459.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1014SBSD01	1,2-Dibromo-3-Chloropropane	20	17.4	ug/Kg	87	2		66	134	20
	1,2,4-Trichlorobenzene	20	18.1	ug/Kg	91	4		78	127	20
	1,2,3-Trichlorobenzene	20	17.5	ug/Kg	88	3		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1014MBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3276

Lab File ID: VX048154.D | Lab Sample ID: VX1014MBL01

Date Analyzed: 10/14/2025 | Time Analyzed: 10:32

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1014MBS02	VX1014MBS02	VX048164.D	10/14/2025
SB2A	Q3276-02	VX048166.D	10/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1014SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3276

Lab File ID: VY023457.D | Lab Sample ID: VY1014SBL01

Date Analyzed: 10/14/2025 | Time Analyzed: 11:56

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
VY1014SBS01	VY1014SBS01	VY023458.D	10/14/2025
VY1014SBSD01	VY1014SBSD01	VY023459.D	10/14/2025
SB2	Q3276-01	VY023467.D	10/14/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VX047584.D
BFB Injection Date: 09/16/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:56
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 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
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VX048152.D
BFB Injection Date: 10/14/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:33
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	53.9
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	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	69.1
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	66.7 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.7) 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	VX048153.D	10/14/2025	10:02
VX1014MBL01	VX1014MBL01	VX048154.D	10/14/2025	10:32
VX1014MBS02	VX1014MBS02	VX048164.D	10/14/2025	14:31
SB2A	Q3276-02	VX048166.D	10/14/2025	15:13

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VY023383.D
BFB Injection Date: 10/07/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:43
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	16.9
75	30.0 - 60.0% of mass 95	48.1
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	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (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	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3276
Lab File ID: VY023455.D
BFB Injection Date: 10/14/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:36
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	17.2
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	95.6
175	5.0 - 9.0% of mass 174	7.2 (7.5) 1
176	95.0 - 101.0% of mass 174	93.5 (97.8) 1
177	5.0 - 9.0% of mass 176	6.1 (6.5) 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	VY023456.D	10/14/2025	11:25
VY1014SBL01	VY1014SBL01	VY023457.D	10/14/2025	11:56
VY1014SBS01	VY1014SBS01	VY023458.D	10/14/2025	12:26
VY1014SBSD01	VY1014SBSD01	VY023459.D	10/14/2025	12:49
SB2	Q3276-01	VY023467.D	10/14/2025	17:13

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	124958	5.53	212282	6.74	195629	10.04
UPPER LIMIT	249916	6.031	424564	7.239	391258	10.537
LOWER LIMIT	62479	5.031	106141	6.239	97814.5	9.537
EPA SAMPLE NO.						
SB2A	111354	5.54	240688	6.75	245501	10.04
VX1014MBL01	92850	5.53	189331	6.75	199229	10.04
VX1014MBS02	126511	5.54	219762	6.75	203522	10.04

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.: Q3276

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	95000	12.006				
UPPER LIMIT	190000	12.506				
LOWER LIMIT	47500	11.506				
EPA SAMPLE NO.						
SB2A	125319	12.01				
VX1014MBL01	93640	12.01				
VX1014MBS02	105658	12.01				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3276

Lab File ID: VY023456.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:25

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	571722	7.71	808604	8.62	715207	11.42
UPPER LIMIT	1143440	8.213	1617210	9.116	1430410	11.92
LOWER LIMIT	285861	7.213	404302	8.116	357604	10.92
EPA SAMPLE NO.						
SB2	582031	7.71	1136657	8.62	1183075	11.42
VY1014SBL01	564646	7.71	1109577	8.62	1120800	11.42
VY1014SBS01	531866	7.71	775568	8.62	681796	11.42
VY1014SBSD01	517858	7.71	759118	8.62	662146	11.42

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.: Q3276

Lab File ID: VY023456.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:25

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

	IS4 AREA #	RT #				
12 HOUR STD	372874	13.346				
UPPER LIMIT	745748	13.846				
LOWER LIMIT	186437	12.846				
EPA SAMPLE NO.						
SB2	559850	13.35				
VY1014SBL01	479501	13.35				
VY1014SBS01	357890	13.35				
VY1014SBSD01	344738	13.35				

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

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBL01		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
74-87-3	Chloromethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-01-4	Vinyl Chloride	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
74-83-9	Bromomethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-00-3	Chloroethane	130	U	1	130	500	ug/Kg	10/14/25 10:32	VX101425
75-69-4	Trichlorofluoromethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
75-35-4	1,1-Dichloroethene	100	U	1	100	500	ug/Kg	10/14/25 10:32	VX101425
67-64-1	Acetone	470	U	1	470	2500	ug/Kg	10/14/25 10:32	VX101425
75-15-0	Carbon Disulfide	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
1634-04-4	Methyl tert-butyl Ether	73.0	U	1	73.0	500	ug/Kg	10/14/25 10:32	VX101425
79-20-9	Methyl Acetate	150	U	1	150	500	ug/Kg	10/14/25 10:32	VX101425
75-09-2	Methylene Chloride	350	U	1	350	1000	ug/Kg	10/14/25 10:32	VX101425
156-60-5	trans-1,2-Dichloroethene	86.0	U	1	86.0	500	ug/Kg	10/14/25 10:32	VX101425
75-34-3	1,1-Dichloroethane	80.0	U	1	80.0	500	ug/Kg	10/14/25 10:32	VX101425
110-82-7	Cyclohexane	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
78-93-3	2-Butanone	650	U	1	650	2500	ug/Kg	10/14/25 10:32	VX101425
56-23-5	Carbon Tetrachloride	97.0	U	1	97.0	500	ug/Kg	10/14/25 10:32	VX101425
156-59-2	cis-1,2-Dichloroethene	75.0	U	1	75.0	500	ug/Kg	10/14/25 10:32	VX101425
74-97-5	Bromochloromethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
67-66-3	Chloroform	84.0	U	1	84.0	500	ug/Kg	10/14/25 10:32	VX101425
71-55-6	1,1,1-Trichloroethane	93.0	U	1	93.0	500	ug/Kg	10/14/25 10:32	VX101425
108-87-2	Methylcyclohexane	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
71-43-2	Benzene	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
107-06-2	1,2-Dichloroethane	79.0	U	1	79.0	500	ug/Kg	10/14/25 10:32	VX101425
79-01-6	Trichloroethene	81.0	U	1	81.0	500	ug/Kg	10/14/25 10:32	VX101425
78-87-5	1,2-Dichloropropane	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
75-27-4	Bromodichloromethane	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
108-10-1	4-Methyl-2-Pentanone	360	U	1	360	2500	ug/Kg	10/14/25 10:32	VX101425
108-88-3	Toluene	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
10061-02-6	t-1,3-Dichloropropene	65.0	U	1	65.0	500	ug/Kg	10/14/25 10:32	VX101425
10061-01-5	cis-1,3-Dichloropropene	62.0	U	1	62.0	500	ug/Kg	10/14/25 10:32	VX101425
79-00-5	1,1,2-Trichloroethane	92.0	U	1	92.0	500	ug/Kg	10/14/25 10:32	VX101425
591-78-6	2-Hexanone	370	U	1	370	2500	ug/Kg	10/14/25 10:32	VX101425
124-48-1	Dibromochloromethane	87.0	U	1	87.0	500	ug/Kg	10/14/25 10:32	VX101425
106-93-4	1,2-Dibromoethane	88.0	U	1	88.0	500	ug/Kg	10/14/25 10:32	VX101425
127-18-4	Tetrachloroethene	110	U	1	110	500	ug/Kg	10/14/25 10:32	VX101425
108-90-7	Chlorobenzene	91.0	U	1	91.0	500	ug/Kg	10/14/25 10:32	VX101425
100-41-4	Ethyl Benzene	67.0	U	1	67.0	500	ug/Kg	10/14/25 10:32	VX101425
179601-23-1	m/p-Xylenes	120	U	1	120	1000	ug/Kg	10/14/25 10:32	VX101425
95-47-6	o-Xylene	82.0	U	1	82.0	500	ug/Kg	10/14/25 10:32	VX101425
100-42-5	Styrene	71.0	U	1	71.0	500	ug/Kg	10/14/25 10:32	VX101425
75-25-2	Bromoform	86.0	U	1	86.0	500	ug/Kg	10/14/25 10:32	VX101425

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBL01		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	78.0	U	1	78.0	500	ug/Kg	10/14/25 10:32	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	120	U	1	120	500	ug/Kg	10/14/25 10:32	VX101425
541-73-1	1,3-Dichlorobenzene	170	U	1	170	500	ug/Kg	10/14/25 10:32	VX101425
106-46-7	1,4-Dichlorobenzene	160	U	1	160	500	ug/Kg	10/14/25 10:32	VX101425
95-50-1	1,2-Dichlorobenzene	150	U	1	150	500	ug/Kg	10/14/25 10:32	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	1	180	500	ug/Kg	10/14/25 10:32	VX101425
120-82-1	1,2,4-Trichlorobenzene	300	U	1	300	500	ug/Kg	10/14/25 10:32	VX101425
87-61-6	1,2,3-Trichlorobenzene	320	U	1	320	500	ug/Kg	10/14/25 10:32	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			63 - 155	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			70 - 134	111%	SPK: 50		
2037-26-5	Toluene-d8	53.8			74 - 123	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.0			17 - 146	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	92900							
540-36-3	1,4-Difluorobenzene	189000							
3114-55-4	Chlorobenzene-d5	199000							
3855-82-1	1,4-Dichlorobenzene-d4	93600							

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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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBL01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/14/25 11:56	VY101425
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/14/25 11:56	VY101425
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/14/25 11:56	VY101425
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/14/25 11:56	VY101425
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/14/25 11:56	VY101425
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/14/25 11:56	VY101425
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/14/25 11:56	VY101425
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/14/25 11:56	VY101425
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/14/25 11:56	VY101425
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/14/25 11:56	VY101425
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/14/25 11:56	VY101425
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/14/25 11:56	VY101425
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/14/25 11:56	VY101425
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/14/25 11:56	VY101425
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/14/25 11:56	VY101425
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/14/25 11:56	VY101425
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/14/25 11:56	VY101425
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/14/25 11:56	VY101425
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/14/25 11:56	VY101425
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/14/25 11:56	VY101425
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/14/25 11:56	VY101425
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/14/25 11:56	VY101425
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/14/25 11:56	VY101425
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/14/25 11:56	VY101425
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/14/25 11:56	VY101425
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/14/25 11:56	VY101425
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/14/25 11:56	VY101425
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/14/25 11:56	VY101425
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/14/25 11:56	VY101425

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBL01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	10/14/25 11:56	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/14/25 11:56	VY101425
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/14/25 11:56	VY101425
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/14/25 11:56	VY101425
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/14/25 11:56	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/14/25 11:56	VY101425
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/14/25 11:56	VY101425
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/14/25 11:56	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.3			63 - 155	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.2			70 - 134	108%	SPK: 50		
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.1			17 - 146	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	565000							
540-36-3	1,4-Difluorobenzene	1110000							
3114-55-4	Chlorobenzene-d5	1120000							
3855-82-1	1,4-Dichlorobenzene-d4	480000							

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:	Lexington		Date Received:		
Client Sample ID:	VX1014MBS02		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBS02	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
74-87-3	Chloromethane	1900		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-01-4	Vinyl Chloride	2100		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
74-83-9	Bromomethane	2300		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-00-3	Chloroethane	1900		1	130	500	ug/Kg	10/14/25 14:31	VX101425
75-69-4	Trichlorofluoromethane	2200		1	120	500	ug/Kg	10/14/25 14:31	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-35-4	1,1-Dichloroethene	2000		1	100	500	ug/Kg	10/14/25 14:31	VX101425
67-64-1	Acetone	7400		1	470	2500	ug/Kg	10/14/25 14:31	VX101425
75-15-0	Carbon Disulfide	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
1634-04-4	Methyl tert-butyl Ether	1800		1	73.0	500	ug/Kg	10/14/25 14:31	VX101425
79-20-9	Methyl Acetate	1700		1	150	500	ug/Kg	10/14/25 14:31	VX101425
75-09-2	Methylene Chloride	1900		1	350	1000	ug/Kg	10/14/25 14:31	VX101425
156-60-5	trans-1,2-Dichloroethene	2000		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425
75-34-3	1,1-Dichloroethane	2000		1	80.0	500	ug/Kg	10/14/25 14:31	VX101425
110-82-7	Cyclohexane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
78-93-3	2-Butanone	8500		1	650	2500	ug/Kg	10/14/25 14:31	VX101425
56-23-5	Carbon Tetrachloride	2200		1	97.0	500	ug/Kg	10/14/25 14:31	VX101425
156-59-2	cis-1,2-Dichloroethene	1900		1	75.0	500	ug/Kg	10/14/25 14:31	VX101425
74-97-5	Bromochloromethane	2100		1	120	500	ug/Kg	10/14/25 14:31	VX101425
67-66-3	Chloroform	2000		1	84.0	500	ug/Kg	10/14/25 14:31	VX101425
71-55-6	1,1,1-Trichloroethane	2100		1	93.0	500	ug/Kg	10/14/25 14:31	VX101425
108-87-2	Methylcyclohexane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
71-43-2	Benzene	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
107-06-2	1,2-Dichloroethane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
79-01-6	Trichloroethene	2100		1	81.0	500	ug/Kg	10/14/25 14:31	VX101425
78-87-5	1,2-Dichloropropane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
75-27-4	Bromodichloromethane	2000		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
108-10-1	4-Methyl-2-Pentanone	9400		1	360	2500	ug/Kg	10/14/25 14:31	VX101425
108-88-3	Toluene	2100		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-02-6	t-1,3-Dichloropropene	1900		1	65.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-01-5	cis-1,3-Dichloropropene	2000		1	62.0	500	ug/Kg	10/14/25 14:31	VX101425
79-00-5	1,1,2-Trichloroethane	2100		1	92.0	500	ug/Kg	10/14/25 14:31	VX101425
591-78-6	2-Hexanone	9100		1	370	2500	ug/Kg	10/14/25 14:31	VX101425
124-48-1	Dibromochloromethane	2200		1	87.0	500	ug/Kg	10/14/25 14:31	VX101425
106-93-4	1,2-Dibromoethane	2100		1	88.0	500	ug/Kg	10/14/25 14:31	VX101425
127-18-4	Tetrachloroethene	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
108-90-7	Chlorobenzene	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
100-41-4	Ethyl Benzene	1900		1	67.0	500	ug/Kg	10/14/25 14:31	VX101425
179601-23-1	m/p-Xylenes	4000		1	120	1000	ug/Kg	10/14/25 14:31	VX101425
95-47-6	o-Xylene	2000		1	82.0	500	ug/Kg	10/14/25 14:31	VX101425
100-42-5	Styrene	1900		1	71.0	500	ug/Kg	10/14/25 14:31	VX101425
75-25-2	Bromoform	2100		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VX1014MBS02		SDG No.:	Q3276	
Lab Sample ID:	VX1014MBS02	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level : MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOC-TCLVOA-10	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1800		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1800		1	120	500	ug/Kg	10/14/25 14:31	VX101425
541-73-1	1,3-Dichlorobenzene	1800		1	170	500	ug/Kg	10/14/25 14:31	VX101425
106-46-7	1,4-Dichlorobenzene	1800		1	160	500	ug/Kg	10/14/25 14:31	VX101425
95-50-1	1,2-Dichlorobenzene	1800		1	150	500	ug/Kg	10/14/25 14:31	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1700		1	180	500	ug/Kg	10/14/25 14:31	VX101425
120-82-1	1,2,4-Trichlorobenzene	1700		1	300	500	ug/Kg	10/14/25 14:31	VX101425
87-61-6	1,2,3-Trichlorobenzene	1700		1	320	500	ug/Kg	10/14/25 14:31	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.8			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			70 - 134	99%	SPK: 50		
2037-26-5	Toluene-d8	48.0			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.6			17 - 146	99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	127000							
540-36-3	1,4-Difluorobenzene	220000							
3114-55-4	Chlorobenzene-d5	204000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

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:	Lexington	Date Received:	
Client Sample ID:	VY1014SBS01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.4		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
74-87-3	Chloromethane	20.2		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
74-83-9	Bromomethane	21.0		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-00-3	Chloroethane	21.0		1	1.30	5.00	ug/Kg	10/14/25 12:26	VY101425
75-69-4	Trichlorofluoromethane	20.2		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
75-35-4	1,1-Dichloroethene	20.0		1	1.00	5.00	ug/Kg	10/14/25 12:26	VY101425
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	10/14/25 12:26	VY101425
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
1634-04-4	Methyl tert-butyl Ether	17.8		1	0.73	5.00	ug/Kg	10/14/25 12:26	VY101425
79-20-9	Methyl Acetate	14.5		1	1.50	5.00	ug/Kg	10/14/25 12:26	VY101425
75-09-2	Methylene Chloride	19.2		1	3.50	10.0	ug/Kg	10/14/25 12:26	VY101425
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	10/14/25 12:26	VY101425
75-34-3	1,1-Dichloroethane	20.6		1	0.80	5.00	ug/Kg	10/14/25 12:26	VY101425
110-82-7	Cyclohexane	19.3		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	10/14/25 12:26	VY101425
56-23-5	Carbon Tetrachloride	21.1		1	0.97	5.00	ug/Kg	10/14/25 12:26	VY101425
156-59-2	cis-1,2-Dichloroethene	19.9		1	0.75	5.00	ug/Kg	10/14/25 12:26	VY101425
74-97-5	Bromochloromethane	20.4		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
67-66-3	Chloroform	20.6		1	0.84	5.00	ug/Kg	10/14/25 12:26	VY101425
71-55-6	1,1,1-Trichloroethane	20.6		1	0.93	5.00	ug/Kg	10/14/25 12:26	VY101425
108-87-2	Methylcyclohexane	19.8		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
71-43-2	Benzene	20.7		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
107-06-2	1,2-Dichloroethane	19.5		1	0.79	5.00	ug/Kg	10/14/25 12:26	VY101425
79-01-6	Trichloroethene	20.7		1	0.81	5.00	ug/Kg	10/14/25 12:26	VY101425
78-87-5	1,2-Dichloropropane	20.5		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
75-27-4	Bromodichloromethane	20.2		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
108-10-1	4-Methyl-2-Pentanone	86.8		1	3.60	25.0	ug/Kg	10/14/25 12:26	VY101425
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
10061-02-6	t-1,3-Dichloropropene	19.3		1	0.65	5.00	ug/Kg	10/14/25 12:26	VY101425
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.62	5.00	ug/Kg	10/14/25 12:26	VY101425
79-00-5	1,1,2-Trichloroethane	19.5		1	0.92	5.00	ug/Kg	10/14/25 12:26	VY101425
591-78-6	2-Hexanone	96.7		1	3.70	25.0	ug/Kg	10/14/25 12:26	VY101425
124-48-1	Dibromochloromethane	20.0		1	0.87	5.00	ug/Kg	10/14/25 12:26	VY101425
106-93-4	1,2-Dibromoethane	18.7		1	0.88	5.00	ug/Kg	10/14/25 12:26	VY101425
127-18-4	Tetrachloroethene	20.6		1	1.10	5.00	ug/Kg	10/14/25 12:26	VY101425
108-90-7	Chlorobenzene	20.2		1	0.91	5.00	ug/Kg	10/14/25 12:26	VY101425
100-41-4	Ethyl Benzene	19.9		1	0.67	5.00	ug/Kg	10/14/25 12:26	VY101425
179601-23-1	m/p-Xylenes	40.8		1	1.20	10.0	ug/Kg	10/14/25 12:26	VY101425
95-47-6	o-Xylene	19.5		1	0.82	5.00	ug/Kg	10/14/25 12:26	VY101425
100-42-5	Styrene	20.2		1	0.71	5.00	ug/Kg	10/14/25 12:26	VY101425
75-25-2	Bromoform	19.0		1	0.86	5.00	ug/Kg	10/14/25 12:26	VY101425

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Lexington	Date Received:	
Client Sample ID:	VY1014SBS01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.9		1	0.78	5.00	ug/Kg	10/14/25 12:26	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1	1.20	5.00	ug/Kg	10/14/25 12:26	VY101425
541-73-1	1,3-Dichlorobenzene	19.9		1	1.70	5.00	ug/Kg	10/14/25 12:26	VY101425
106-46-7	1,4-Dichlorobenzene	19.7		1	1.60	5.00	ug/Kg	10/14/25 12:26	VY101425
95-50-1	1,2-Dichlorobenzene	19.5		1	1.50	5.00	ug/Kg	10/14/25 12:26	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		1	1.80	5.00	ug/Kg	10/14/25 12:26	VY101425
120-82-1	1,2,4-Trichlorobenzene	17.4		1	3.00	5.00	ug/Kg	10/14/25 12:26	VY101425
87-61-6	1,2,3-Trichlorobenzene	16.9		1	3.20	5.00	ug/Kg	10/14/25 12:26	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.2			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.5			17 - 146	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	532000							
540-36-3	1,4-Difluorobenzene	776000							
3114-55-4	Chlorobenzene-d5	682000							
3855-82-1	1,4-Dichlorobenzene-d4	358000							

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

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:	Lexington	Date Received:	
Client Sample ID:	VY1014SBSD01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.0		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
74-87-3	Chloromethane	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-01-4	Vinyl Chloride	20.1		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
74-83-9	Bromomethane	20.7		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-00-3	Chloroethane	20.6		1	1.30	5.00	ug/Kg	10/14/25 12:49	VY101425
75-69-4	Trichlorofluoromethane	20.0		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.7		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
75-35-4	1,1-Dichloroethene	19.8		1	1.00	5.00	ug/Kg	10/14/25 12:49	VY101425
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	10/14/25 12:49	VY101425
75-15-0	Carbon Disulfide	20.3		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
1634-04-4	Methyl tert-butyl Ether	17.9		1	0.73	5.00	ug/Kg	10/14/25 12:49	VY101425
79-20-9	Methyl Acetate	15.7		1	1.50	5.00	ug/Kg	10/14/25 12:49	VY101425
75-09-2	Methylene Chloride	19.5		1	3.50	10.0	ug/Kg	10/14/25 12:49	VY101425
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	10/14/25 12:49	VY101425
75-34-3	1,1-Dichloroethane	20.8		1	0.80	5.00	ug/Kg	10/14/25 12:49	VY101425
110-82-7	Cyclohexane	18.9		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
78-93-3	2-Butanone	98.9		1	6.50	25.0	ug/Kg	10/14/25 12:49	VY101425
56-23-5	Carbon Tetrachloride	21.1		1	0.97	5.00	ug/Kg	10/14/25 12:49	VY101425
156-59-2	cis-1,2-Dichloroethene	20.3		1	0.75	5.00	ug/Kg	10/14/25 12:49	VY101425
74-97-5	Bromochloromethane	20.7		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
67-66-3	Chloroform	21.0		1	0.84	5.00	ug/Kg	10/14/25 12:49	VY101425
71-55-6	1,1,1-Trichloroethane	20.9		1	0.93	5.00	ug/Kg	10/14/25 12:49	VY101425
108-87-2	Methylcyclohexane	19.0		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
71-43-2	Benzene	20.8		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
107-06-2	1,2-Dichloroethane	19.8		1	0.79	5.00	ug/Kg	10/14/25 12:49	VY101425
79-01-6	Trichloroethene	20.3		1	0.81	5.00	ug/Kg	10/14/25 12:49	VY101425
78-87-5	1,2-Dichloropropane	20.4		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
75-27-4	Bromodichloromethane	20.7		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
108-10-1	4-Methyl-2-Pentanone	84.8		1	3.60	25.0	ug/Kg	10/14/25 12:49	VY101425
108-88-3	Toluene	20.9		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
10061-02-6	t-1,3-Dichloropropene	19.2		1	0.65	5.00	ug/Kg	10/14/25 12:49	VY101425
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.62	5.00	ug/Kg	10/14/25 12:49	VY101425
79-00-5	1,1,2-Trichloroethane	19.7		1	0.92	5.00	ug/Kg	10/14/25 12:49	VY101425
591-78-6	2-Hexanone	92.6		1	3.70	25.0	ug/Kg	10/14/25 12:49	VY101425
124-48-1	Dibromochloromethane	20.2		1	0.87	5.00	ug/Kg	10/14/25 12:49	VY101425
106-93-4	1,2-Dibromoethane	19.7		1	0.88	5.00	ug/Kg	10/14/25 12:49	VY101425
127-18-4	Tetrachloroethene	20.5		1	1.10	5.00	ug/Kg	10/14/25 12:49	VY101425
108-90-7	Chlorobenzene	20.5		1	0.91	5.00	ug/Kg	10/14/25 12:49	VY101425
100-41-4	Ethyl Benzene	20.1		1	0.67	5.00	ug/Kg	10/14/25 12:49	VY101425
179601-23-1	m/p-Xylenes	41.0		1	1.20	10.0	ug/Kg	10/14/25 12:49	VY101425
95-47-6	o-Xylene	20.0		1	0.82	5.00	ug/Kg	10/14/25 12:49	VY101425
100-42-5	Styrene	20.5		1	0.71	5.00	ug/Kg	10/14/25 12:49	VY101425
75-25-2	Bromoform	19.4		1	0.86	5.00	ug/Kg	10/14/25 12:49	VY101425

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:	Lexington	Date Received:	
Client Sample ID:	VY1014SBSD01	SDG No.:	Q3276
Lab Sample ID:	VY1014SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.2		1	0.78	5.00	ug/Kg	10/14/25 12:49	VY101425
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1	1.20	5.00	ug/Kg	10/14/25 12:49	VY101425
541-73-1	1,3-Dichlorobenzene	20.2		1	1.70	5.00	ug/Kg	10/14/25 12:49	VY101425
106-46-7	1,4-Dichlorobenzene	19.9		1	1.60	5.00	ug/Kg	10/14/25 12:49	VY101425
95-50-1	1,2-Dichlorobenzene	19.9		1	1.50	5.00	ug/Kg	10/14/25 12:49	VY101425
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1	1.80	5.00	ug/Kg	10/14/25 12:49	VY101425
120-82-1	1,2,4-Trichlorobenzene	18.1		1	3.00	5.00	ug/Kg	10/14/25 12:49	VY101425
87-61-6	1,2,3-Trichlorobenzene	17.5		1	3.20	5.00	ug/Kg	10/14/25 12:49	VY101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.2			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.2			70 - 134	98%	SPK: 50		
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.7			17 - 146	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	518000							
540-36-3	1,4-Difluorobenzene	759000							
3114-55-4	Chlorobenzene-d5	662000							
3855-82-1	1,4-Dichlorobenzene-d4	345000							

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,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3276

Instrument ID: MSVOA_X | Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3276

Instrument ID: MSVOA_Y | Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* 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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3276
Instrument ID: MSVOA_X
Calibration Date/Time: 10/14/2025 10:02
Lab File ID: VX048153.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.667		28.76	20
Chloromethane	0.680	0.757	0.1	11.32	20
Vinyl Chloride	0.666	0.847		27.18	20
Bromomethane	0.422	0.520		23.22	20
Chloroethane	0.445	0.518		16.4	20
Trichlorofluoromethane	0.989	1.294		30.84	20
1,1,2-Trichlorotrifluoroethane	0.578	0.719		24.39	20
1,1-Dichloroethene	0.594	0.702		18.18	20
Acetone	0.346	0.318		-8.09	20
Carbon Disulfide	1.626	2.086		28.29	20
Methyl tert-butyl Ether	2.169	2.175		0.28	20
Methyl Acetate	0.770	0.685		-11.04	20
Methylene Chloride	0.732	0.779		6.42	20
trans-1,2-Dichloroethene	0.640	0.738		15.31	20
1,1-Dichloroethane	1.263	1.365	0.1	8.08	20
Cyclohexane	1.052	1.169		11.12	20
2-Butanone	0.432	0.397		-8.1	20
Carbon Tetrachloride	0.532	0.645		21.24	20
cis-1,2-Dichloroethene	0.783	0.834		6.51	20
Bromochloromethane	0.551	0.528		-4.17	20
Chloroform	1.276	1.395		9.33	20
1,1,1-Trichloroethane	1.082	1.227		13.4	20
Methylcyclohexane	0.556	0.660		18.7	20
Benzene	1.488	1.679		12.84	20
1,2-Dichloroethane	0.566	0.618		9.19	20
Trichloroethene	0.360	0.415		15.28	20
1,2-Dichloropropane	0.381	0.420		10.24	20
Bromodichloromethane	0.572	0.658		15.03	20
4-Methyl-2-Pentanone	0.477	0.470		-1.47	20
Toluene	0.917	1.028		12.1	20
t-1,3-Dichloropropene	0.584	0.626		7.19	20
cis-1,3-Dichloropropene	0.624	0.683		9.45	20
1,1,2-Trichloroethane	0.354	0.381		7.63	20
2-Hexanone	0.343	0.327		-4.66	20
Dibromochloromethane	0.407	0.473		16.22	20
1,2-Dibromoethane	0.360	0.394		9.44	20
Tetrachloroethene	0.326	0.383		17.49	20
Chlorobenzene	1.136	1.236	0.3	8.8	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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3276

Instrument ID: MSVOA_X | Calibration Date/Time: 10/14/2025 10:02

Lab File ID: VX048153.D | Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.162		10.31	20
m/p-Xylenes	0.729	0.814		11.66	20
o-Xylene	0.706	0.754		6.8	20
Styrene	1.236	1.320		6.8	20
Bromoform	0.293	0.316	0.1	7.85	20
Isopropylbenzene	3.801	3.991		5	20
1,1,2,2-Tetrachloroethane	1.150	1.134	0.3	-1.39	20
1,3-Dichlorobenzene	1.739	1.779		2.3	20
1,4-Dichlorobenzene	1.785	1.799		0.78	20
1,2-Dichlorobenzene	1.657	1.679		1.33	20
1,2-Dibromo-3-Chloropropane	0.233	0.210		-9.87	20
1,2,4-Trichlorobenzene	1.077	1.027		-4.64	20
1,2,3-Trichlorobenzene	1.002	0.966		-3.59	20
1,2-Dichloroethane-d4	0.796	0.845		6.16	20
Dibromofluoromethane	0.335	0.391		16.72	20
Toluene-d8	1.160	1.287		10.95	20
4-Bromofluorobenzene	0.440	0.491		11.59	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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3276
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/14/2025 11:25
Lab File ID: VY023456.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.311		-13.61	20
Chloromethane	0.490	0.417	0.1	-14.9	20
Vinyl Chloride	0.639	0.568		-11.11	20
Bromomethane	0.536	0.468		-12.69	20
Chloroethane	0.435	0.405		-6.9	20
Trichlorofluoromethane	0.887	0.810		-8.68	20
1,1,2-Trichlorotrifluoroethane	0.460	0.442		-3.91	20
1,1-Dichloroethene	0.446	0.418		-6.28	20
Acetone	0.100	0.090		-10	20
Carbon Disulfide	1.277	1.190		-6.81	20
Methyl tert-butyl Ether	1.072	0.992		-7.46	20
Methyl Acetate	0.261	0.245		-6.13	20
Methylene Chloride	0.538	0.456		-15.24	20
trans-1,2-Dichloroethene	0.491	0.468		-4.68	20
1,1-Dichloroethane	0.796	0.755	0.1	-5.15	20
Cyclohexane	0.696	0.621		-10.78	20
2-Butanone	0.122	0.106		-13.11	20
Carbon Tetrachloride	0.493	0.503		2.03	20
cis-1,2-Dichloroethene	0.567	0.543		-4.23	20
Bromochloromethane	0.297	0.262		-11.78	20
Chloroform	0.875	0.838		-4.23	20
1,1,1-Trichloroethane	0.795	0.773		-2.77	20
Methylcyclohexane	0.530	0.538		1.51	20
Benzene	1.288	1.282		-0.47	20
1,2-Dichloroethane	0.332	0.319		-3.92	20
Trichloroethene	0.377	0.371		-1.59	20
1,2-Dichloropropane	0.285	0.283		-0.7	20
Bromodichloromethane	0.453	0.454		0.22	20
4-Methyl-2-Pentanone	0.166	0.159		-4.22	20
Toluene	0.836	0.857		2.51	20
t-1,3-Dichloropropene	0.394	0.389		-1.27	20
cis-1,3-Dichloropropene	0.465	0.464		-0.22	20
1,1,2-Trichloroethane	0.242	0.237		-2.07	20
2-Hexanone	0.119	0.113		-5.04	20
Dibromochloromethane	0.339	0.341		0.59	20
1,2-Dibromoethane	0.231	0.224		-3.03	20
Tetrachloroethene	0.516	0.505		-2.13	20
Chlorobenzene	1.087	1.076	0.3	-1.01	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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3276

Instrument ID: MSVOA_Y Calibration Date/Time: 10/14/2025 11:25

Lab File ID: VY023456.D Init. Calib. Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:17 12:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.806		2.61	20
m/p-Xylenes	0.706	0.733		3.82	20
o-Xylene	0.662	0.677		2.27	20
Styrene	1.089	1.153		5.88	20
Bromoform	0.240	0.233	0.1	-2.92	20
Isopropylbenzene	3.295	3.418		3.73	20
1,1,2,2-Tetrachloroethane	0.539	0.519	0.3	-3.71	20
1,3-Dichlorobenzene	1.706	1.685		-1.23	20
1,4-Dichlorobenzene	1.685	1.649		-2.14	20
1,2-Dichlorobenzene	1.496	1.453		-2.87	20
1,2-Dibromo-3-Chloropropane	0.088	0.080		-9.09	20
1,2,4-Trichlorobenzene	0.932	0.885		-5.04	20
1,2,3-Trichlorobenzene	0.808	0.752		-6.93	20
1,2-Dichloroethane-d4	0.418	0.388		-7.18	20
Dibromofluoromethane	0.307	0.308		0.33	20
Toluene-d8	1.144	1.166		1.92	20
4-Bromofluorobenzene	0.378	0.371		-1.85	20

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

Alliance
TECHNICAL GROUP

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Time: Oct 15 03:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

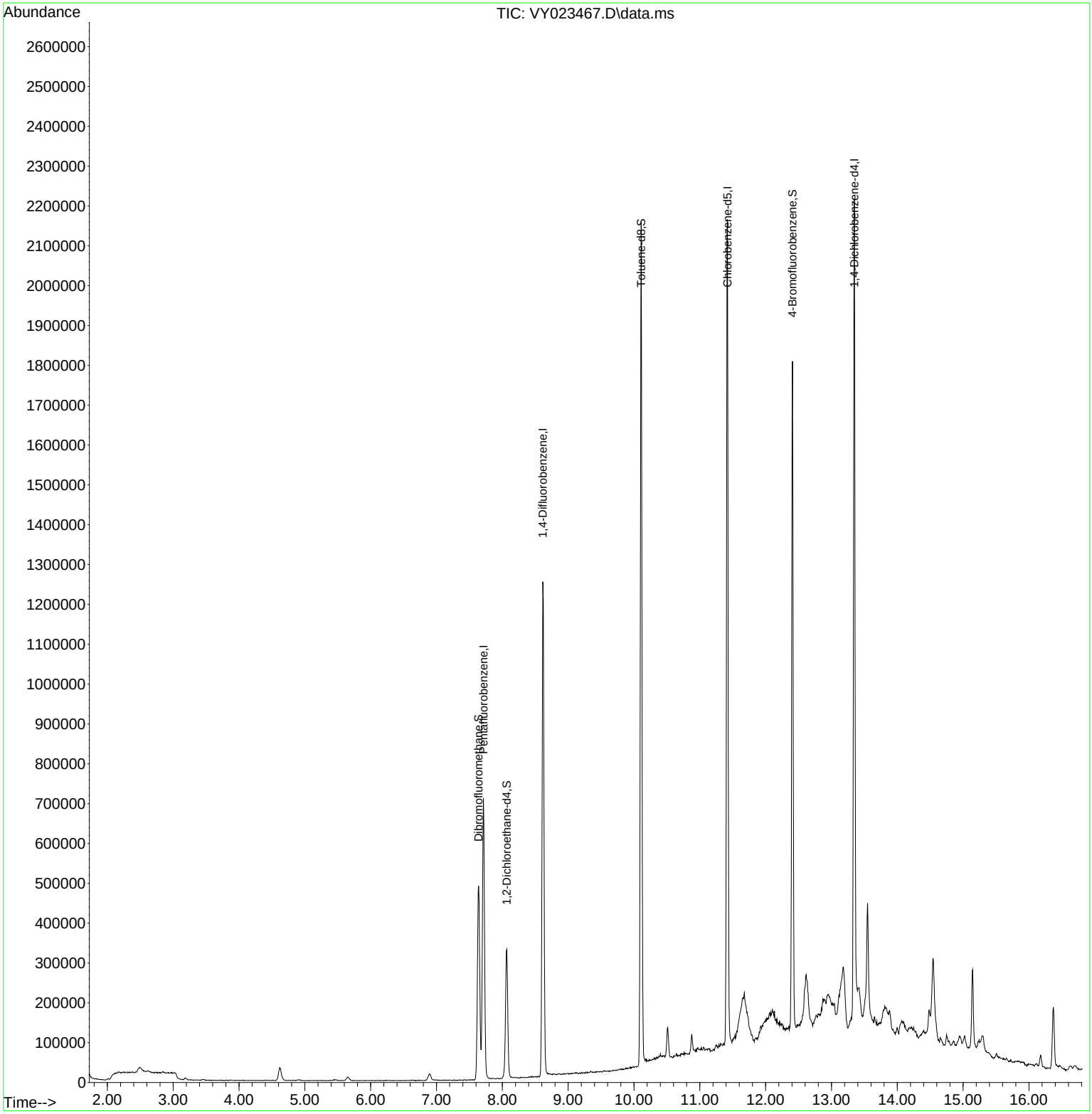
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	582031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1136657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1183075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	559850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	253788	52.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.280%			
35) Dibromofluoromethane	7.640	113	357008	51.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.109	98	1401769	53.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.408	95	496170	57.780	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.560%			
Target Compounds						Qvalue

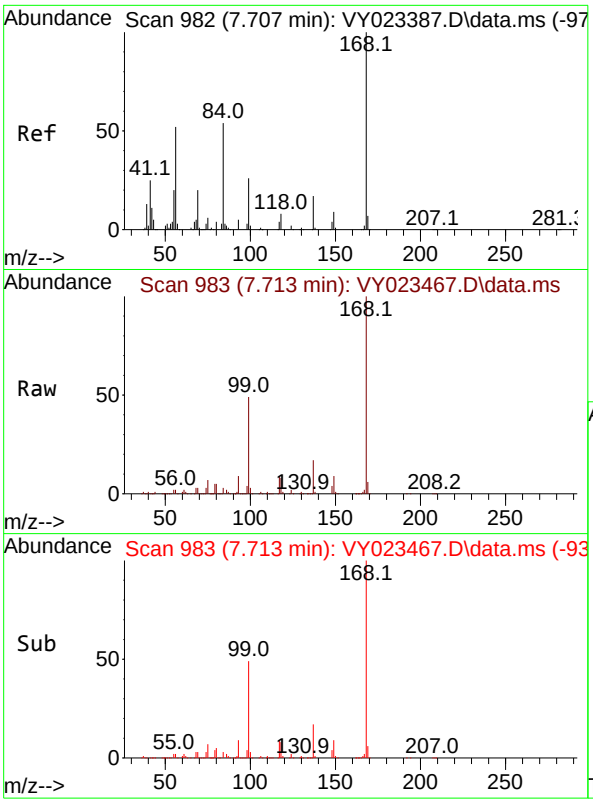
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Time: Oct 15 03:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



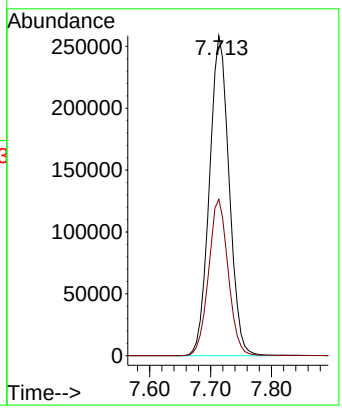


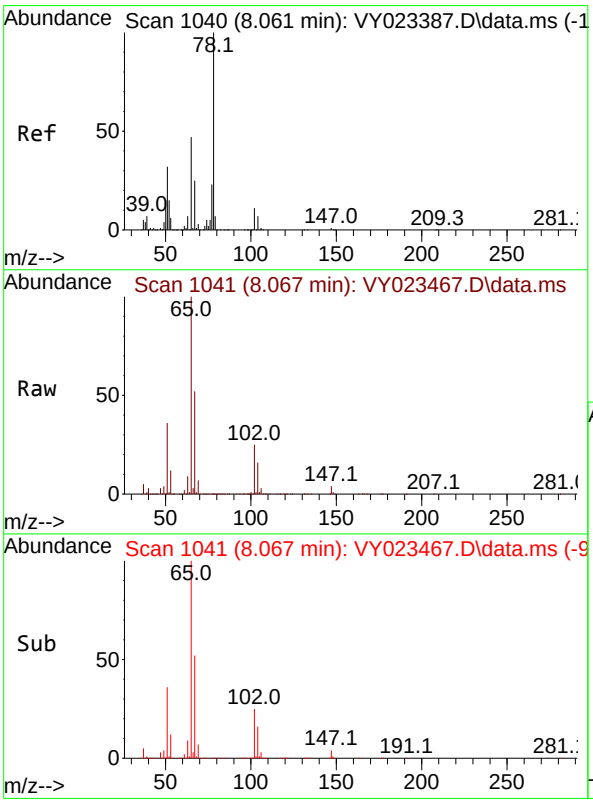
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:168 Resp: 582031

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.7	59.5

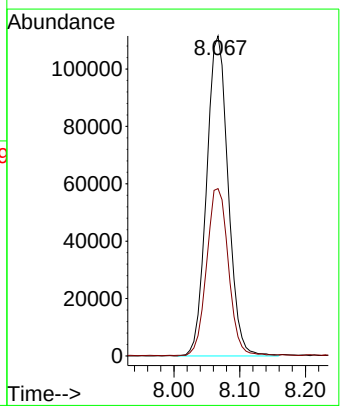


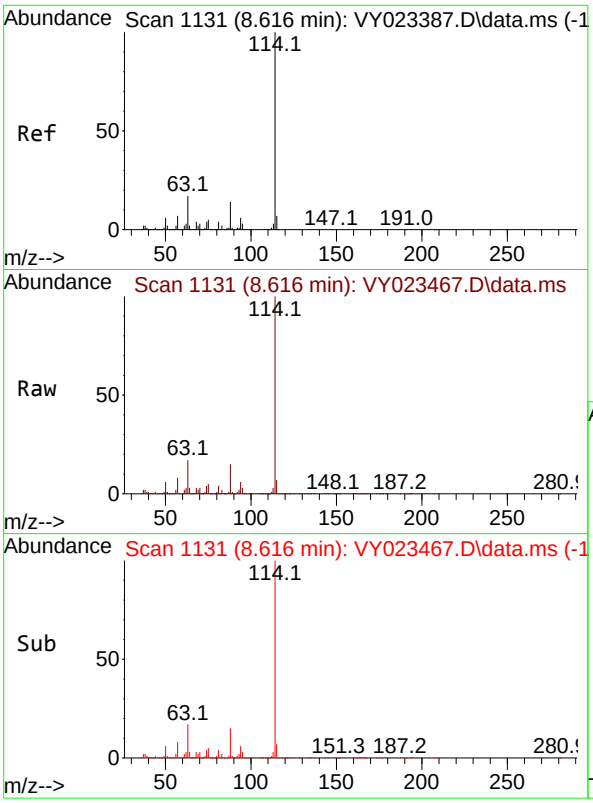


#33
1,2-Dichloroethane-d4
Concen: 52.144 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion: 65 Resp: 253788

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8



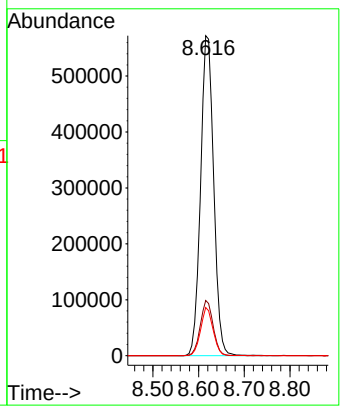


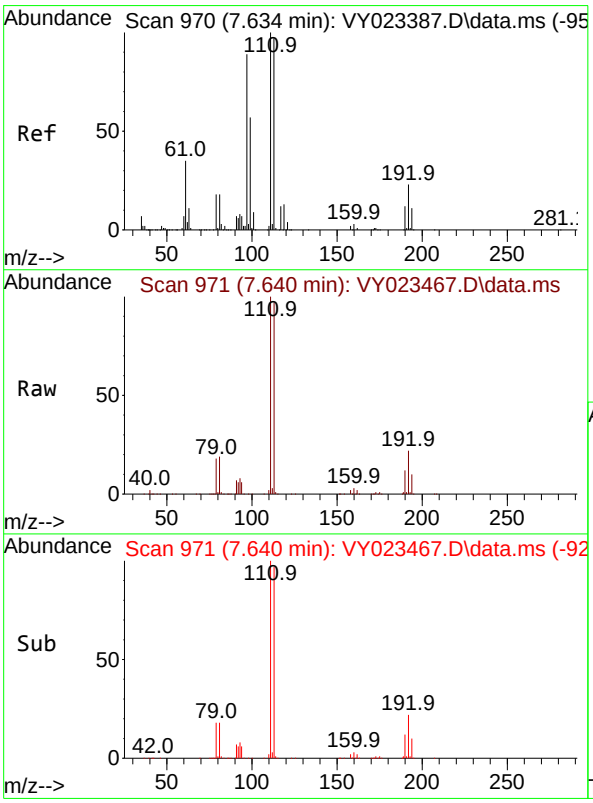
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:114 Resp: 1136657

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.2
88	15.1	0.0	28.4

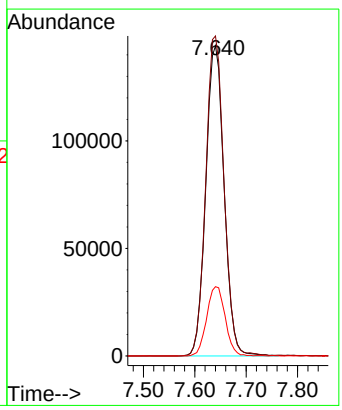


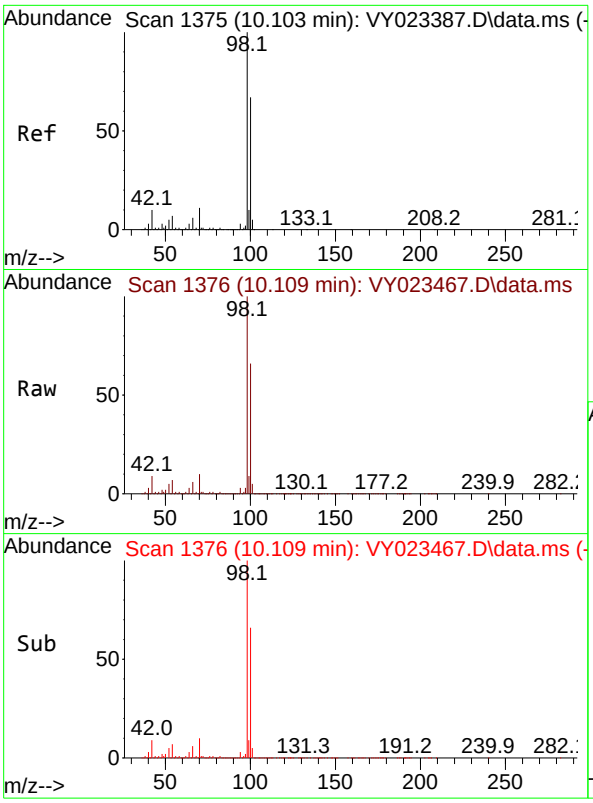


#35
Dibromofluoromethane
Concen: 51.116 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion:113 Resp: 357008

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	22.5	18.0	27.0



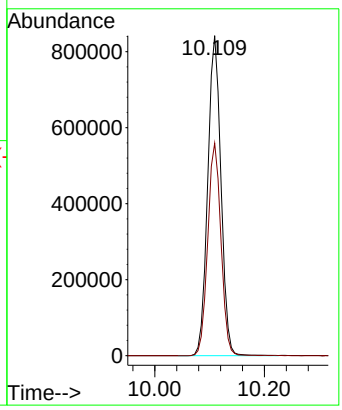


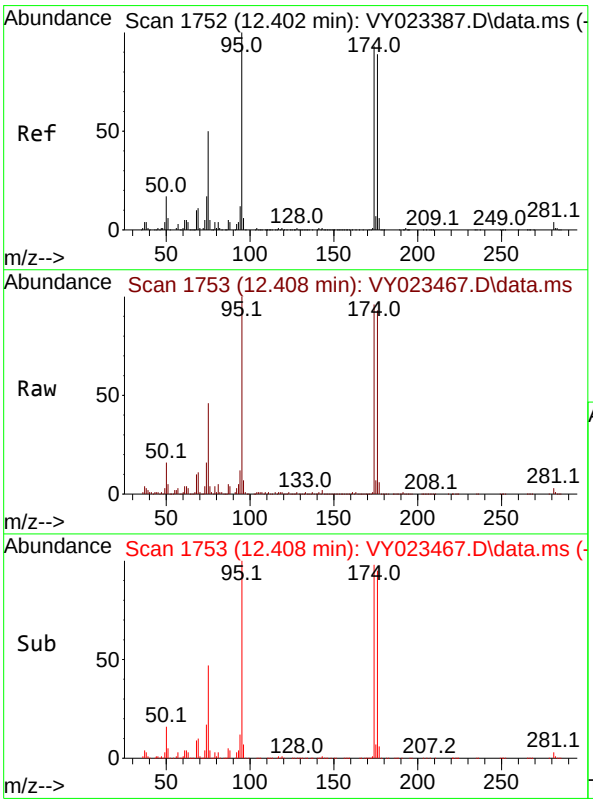
#50
Toluene-d8
Concen: 53.894 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion: 98 Resp: 1401769

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

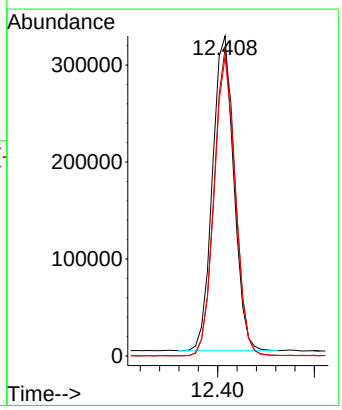


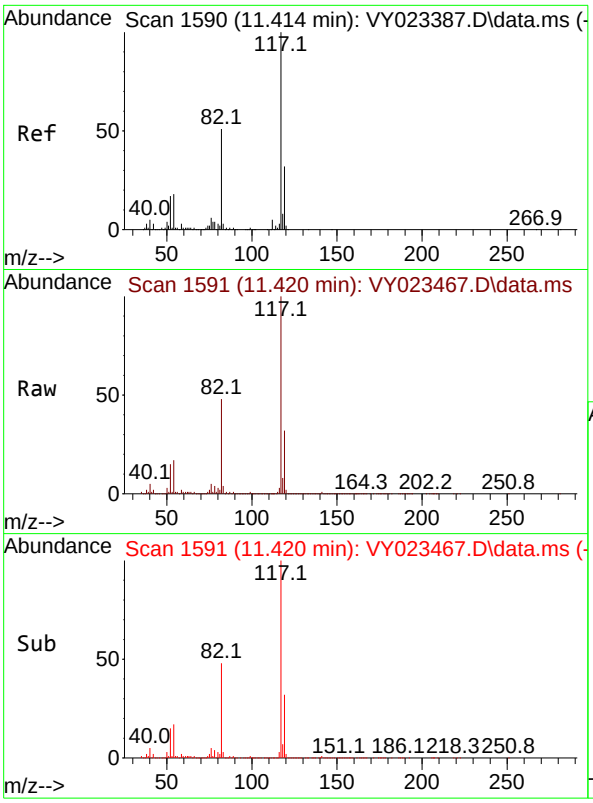


#62
4-Bromofluorobenzene
Concen: 57.780 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion: 95 Resp: 496170

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	192.8
176	94.5	0.0	187.6



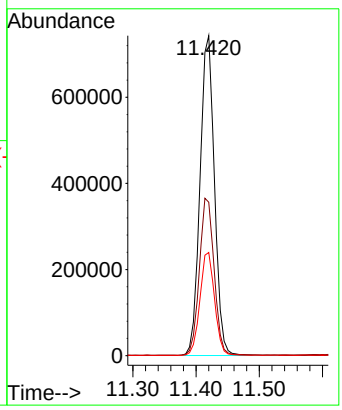


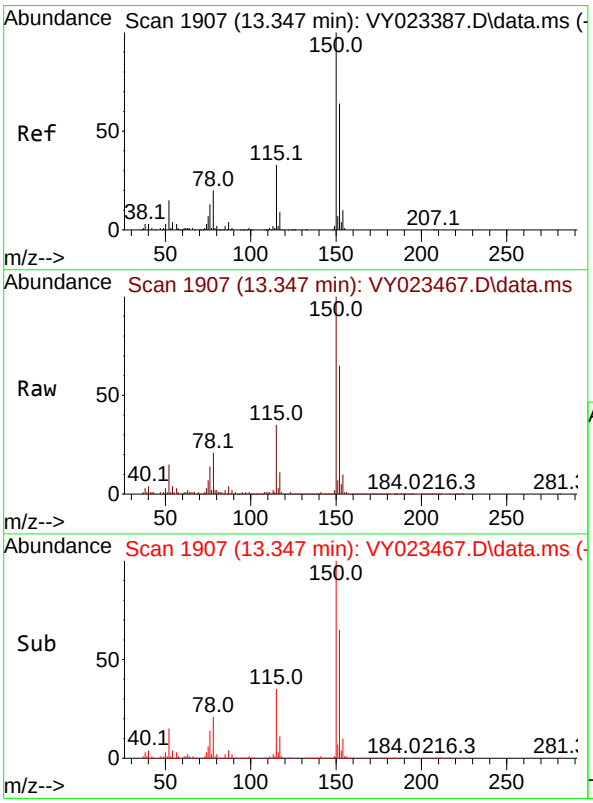
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Tgt Ion:117 Resp: 1183075

Ion	Ratio	Lower	Upper
117	100		
82	47.8	41.0	61.4
119	32.2	25.6	38.4

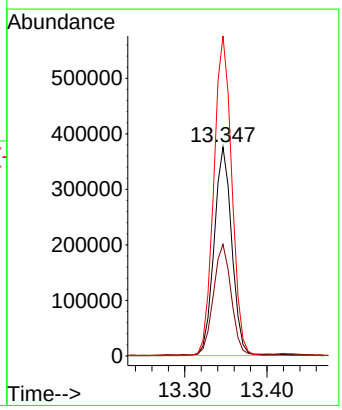




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023467.D
Acq: 14 Oct 2025 17:13

Tgt Ion:152 Resp: 559850

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.2
150	156.1	0.0	347.4



Sample Results: **VY023467.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023467.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	465	475	489	rBV2	32569	103549	2.89%	0.478%
2	6.896	840	849	858	rBV	16392	50538	1.41%	0.233%
3	7.640	960	971	977	rBV	486885	1200262	33.52%	5.538%
4	7.713	977	983	996	rVB	704288	1569156	43.82%	7.240%
5	8.067	1028	1041	1052	rBV	323970	782268	21.85%	3.610%
6	8.616	1122	1131	1142	rBV	1243336	2464090	68.82%	11.370%
7	10.109	1369	1376	1386	rBV	2115613	3580699	100.00%	16.522%
8	10.512	1437	1442	1450	rVB	74770	143338	4.00%	0.661%
9	10.877	1498	1502	1506	rBV	43583	64484	1.80%	0.298%
10	11.420	1584	1591	1602	rBV	2067596	3377505	94.33%	15.585%
11	12.408	1747	1753	1762	rVB	1672581	2607520	72.82%	12.032%
12	12.615	1781	1787	1803	rVB2	128818	497649	13.90%	2.296%
13	13.347	1901	1907	1915	rBV	2049210	3228055	90.15%	14.895%
14	13.548	1936	1940	1952	rVB	293751	561213	15.67%	2.590%
15	14.487	2090	2094	2097	rBV2	44218	89641	2.50%	0.414%
16	14.541	2098	2103	2116	rVB2	204273	609304	17.02%	2.811%
17	15.145	2196	2202	2211	rVB	195417	359650	10.04%	1.660%
18	16.175	2367	2371	2377	rVB2	28884	52507	1.47%	0.242%
19	16.370	2395	2403	2410	rBV	154316	330618	9.23%	1.526%

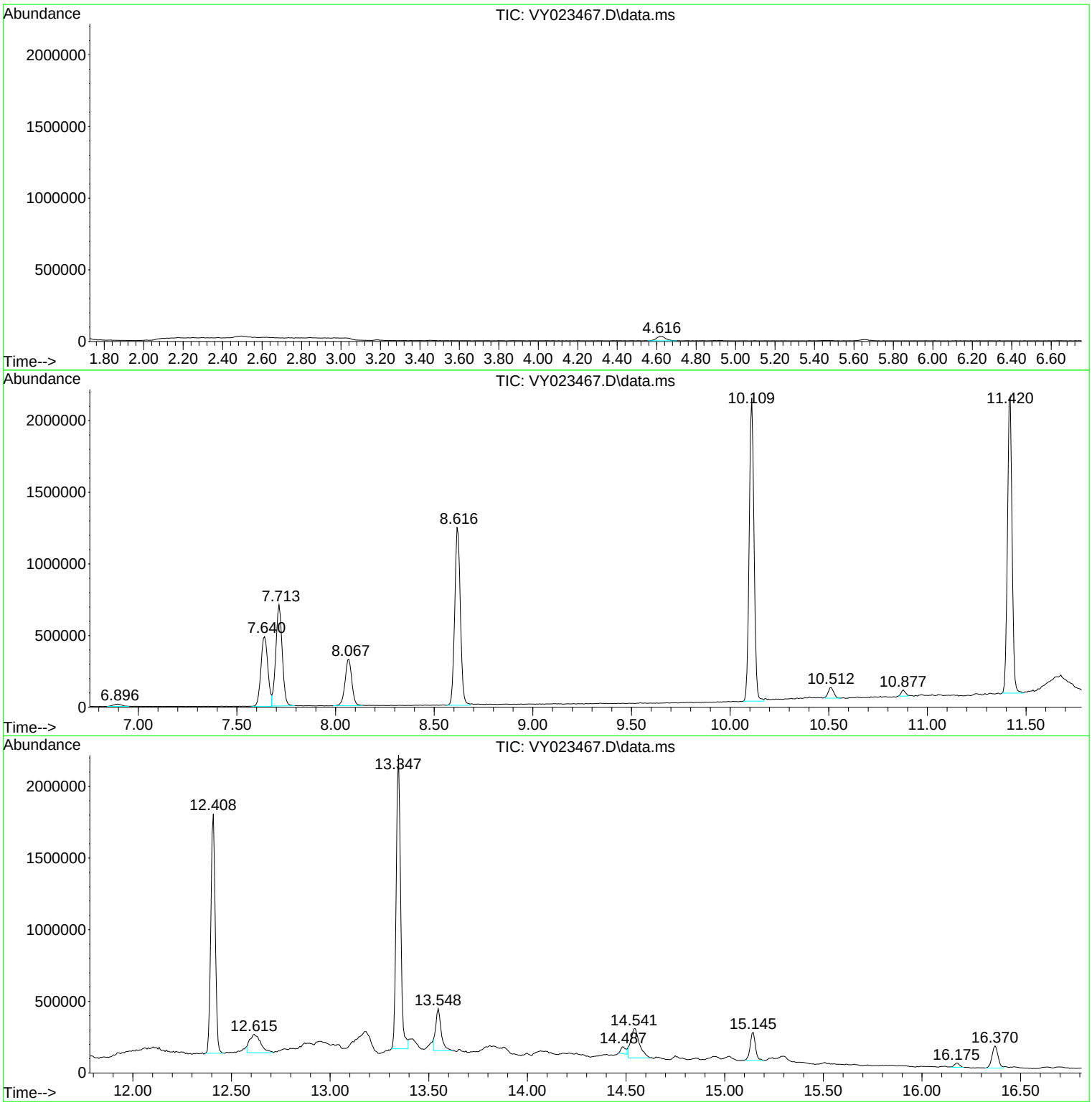
Sum of corrected areas: 21672046

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

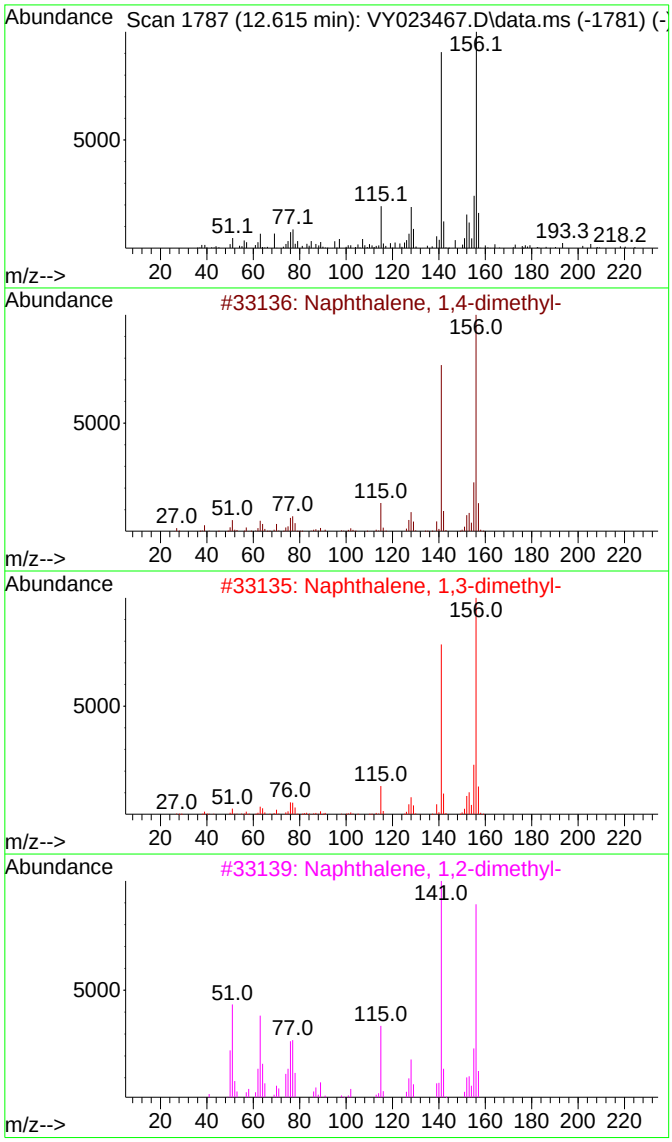
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

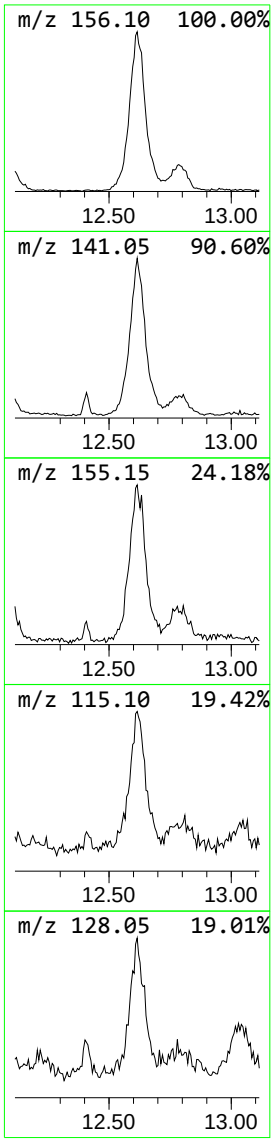
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	7.71 ug/l	497649	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023467.D
Acq On : 14 Oct 2025 17:13
Operator : SY/MD
Sample : Q3276-01
Misc : 5.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Naphthalene, 1,...	12.615	7.7	ug/l	497649	4	13.347	3228060	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	111354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	245501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101983	57.537	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.080%			
35) Dibromofluoromethane	5.379	113	83493	51.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.440%			
50) Toluene-d8	8.635	98	290070	51.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.067	95	130654	61.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.280%#			
Target Compounds						Qvalue
31) Cyclohexane	5.489	56	28621	12.220	ug/l #	70
39) Methylcyclohexane	7.366	83	89066	33.265	ug/l	97
67) Ethyl Benzene	10.177	91	101672	10.565	ug/l	99
68) m/p-Xylenes	10.287	106	9466	2.643	ug/l	93
73) Isopropylbenzene	10.945	105	27967	2.935	ug/l	99
78) n-propylbenzene	11.287	91	92695	8.230	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	63371	8.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	34172	4.306	ug/l	99
85) sec-Butylbenzene	11.872	105	11773	1.237	ug/l	98
86) p-Isopropyltoluene	11.994	119	9191	1.141	ug/l	91
89) n-Butylbenzene	12.311	91	26812m	3.596	ug/l	
95) Naphthalene	13.756	128	39515	4.809	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 15 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
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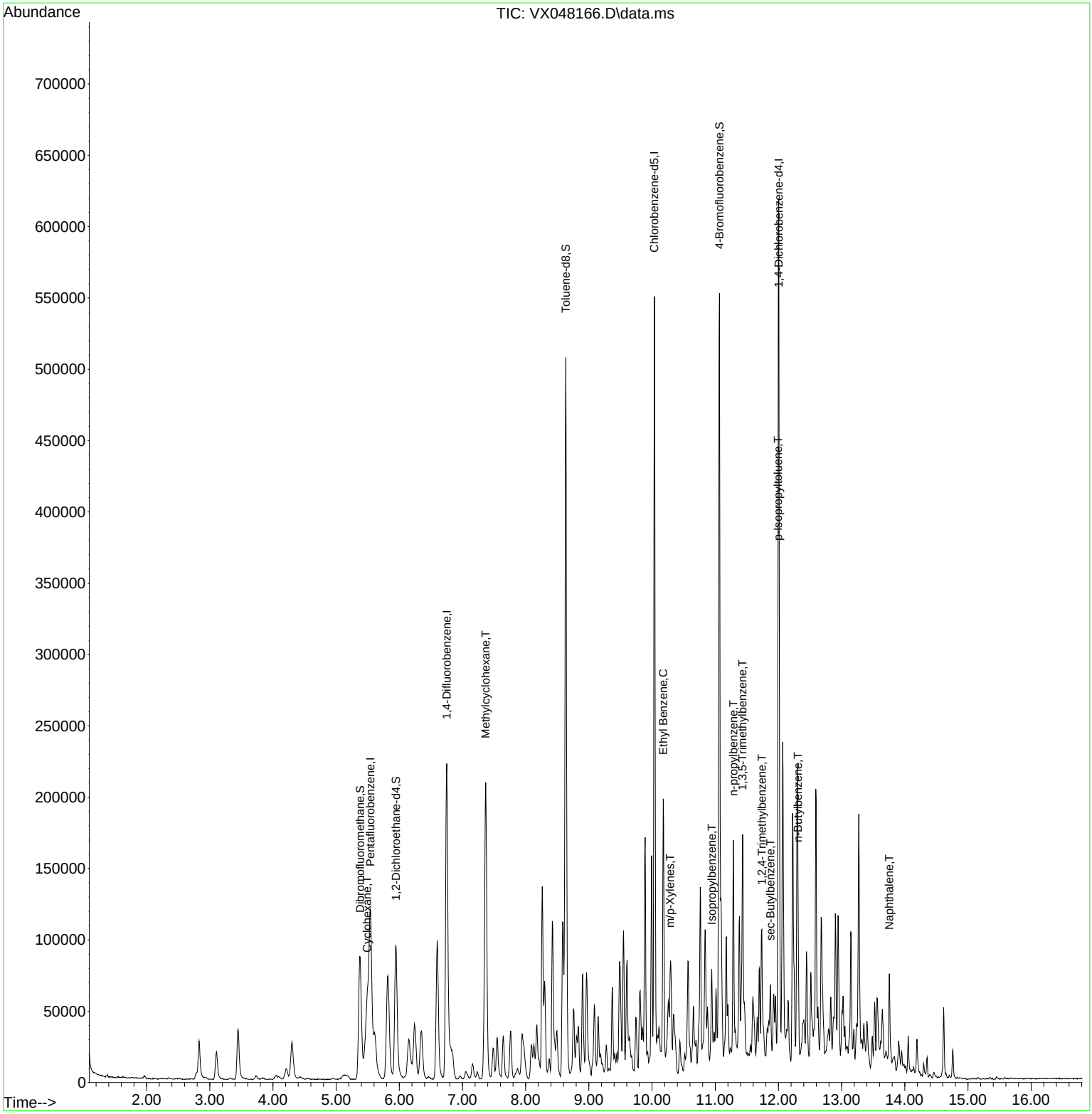

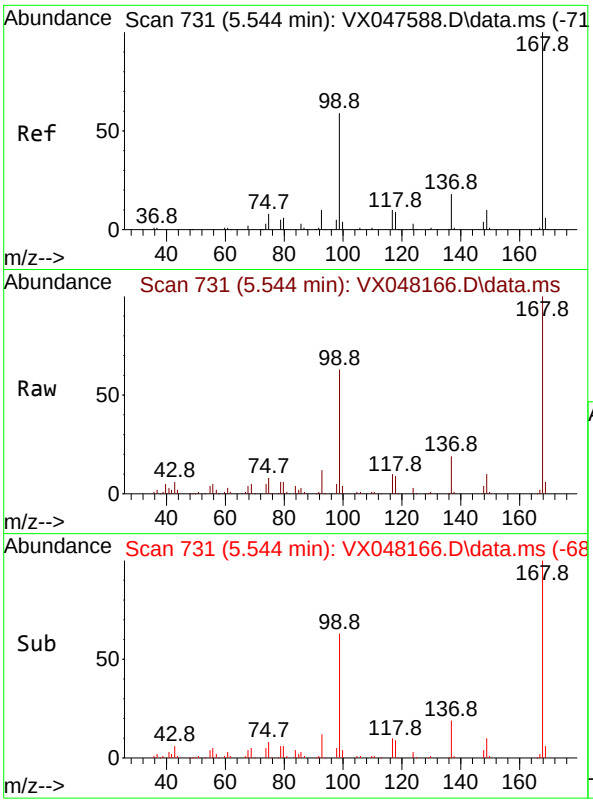

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:168 Resp: 11135

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
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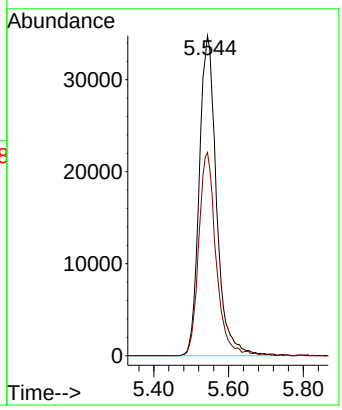
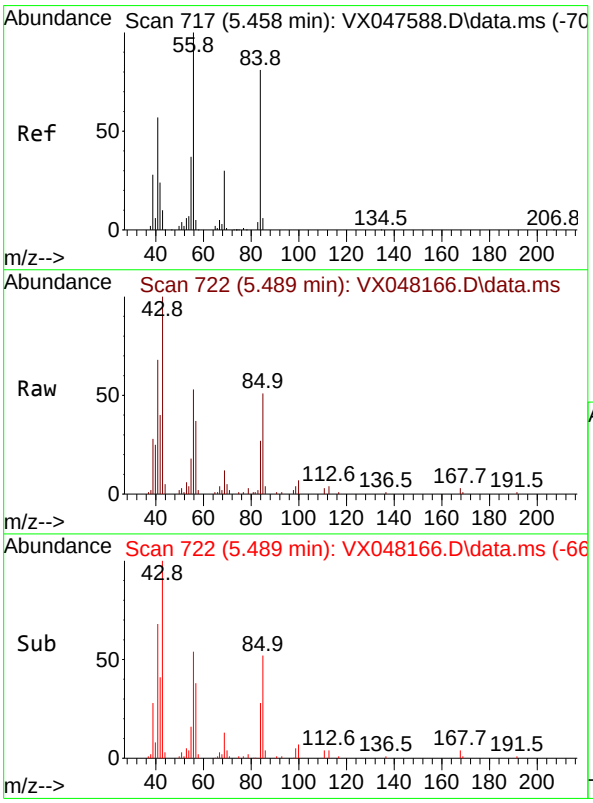
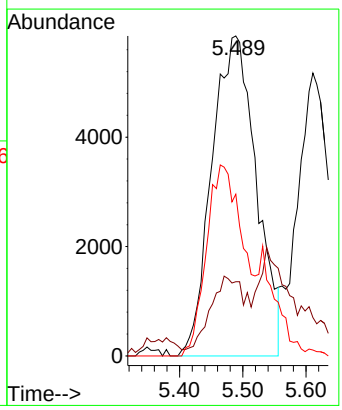


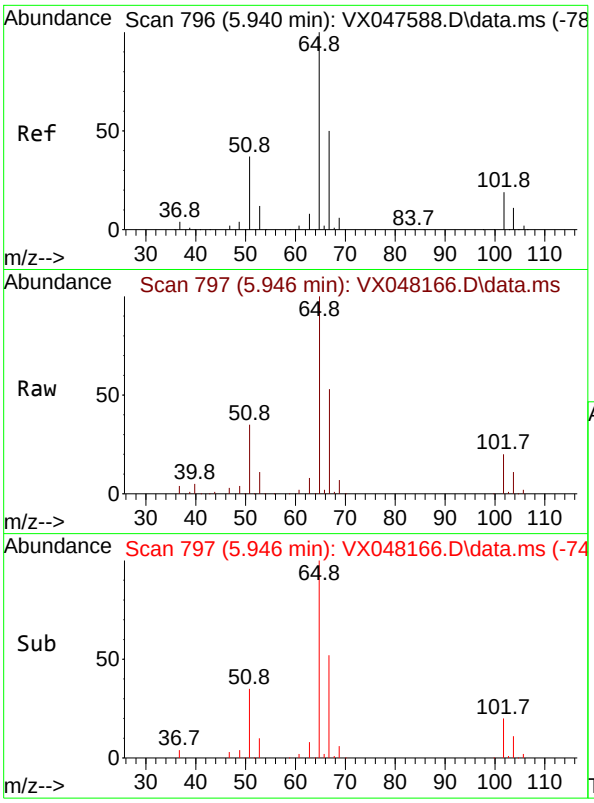


#31
Cyclohexane
Concen: 12.220 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.030 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 56 Resp: 28621

Ion	Ratio	Lower	Upper
56	100		
69	20.1	23.8	35.8#
84	50.6	64.6	97.0#

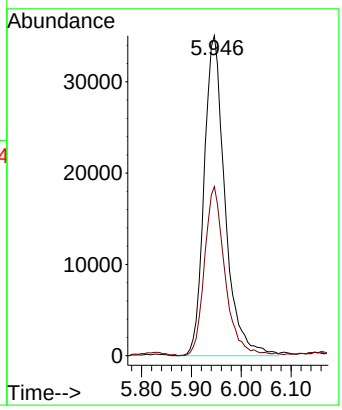




#33
1,2-Dichloroethane-d4
Concen: 57.537 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 65 Resp: 10198

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
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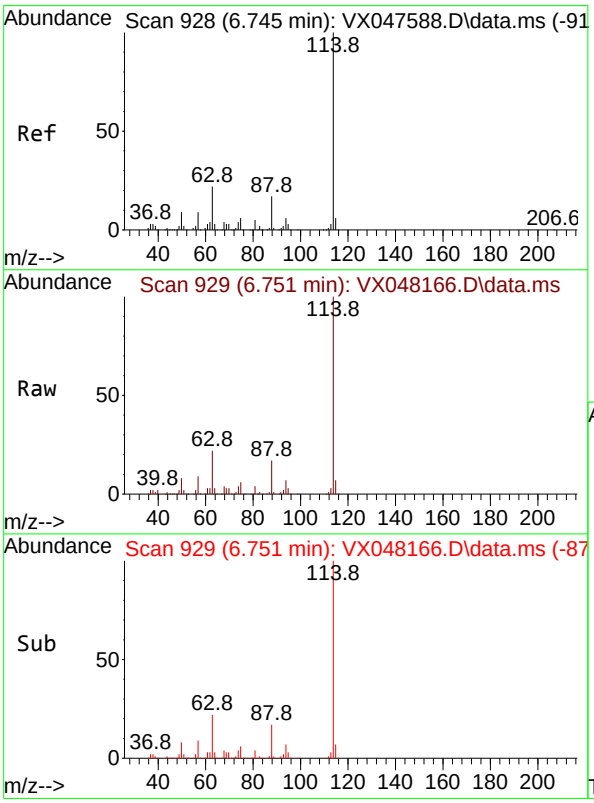
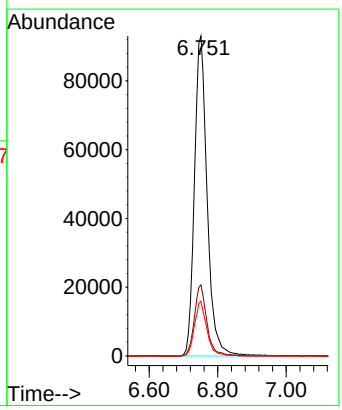
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

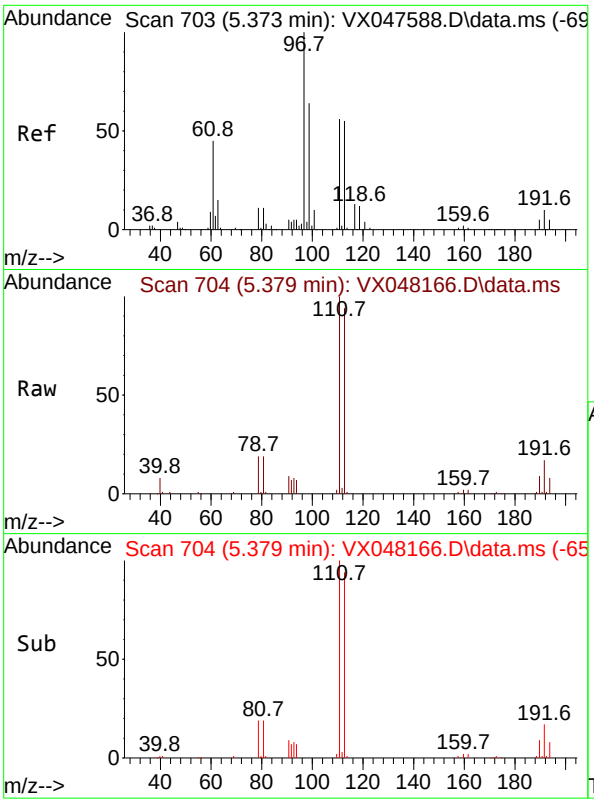


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:114 Resp: 240688

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	17.1	0.0	34.2

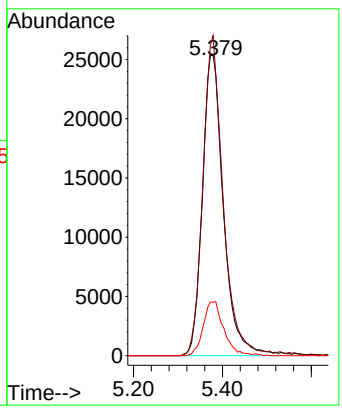




#35
Dibromofluoromethane
Concen: 51.725 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:113 Resp: 8349

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
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Reviewed By :John Carlone 10/15/2025
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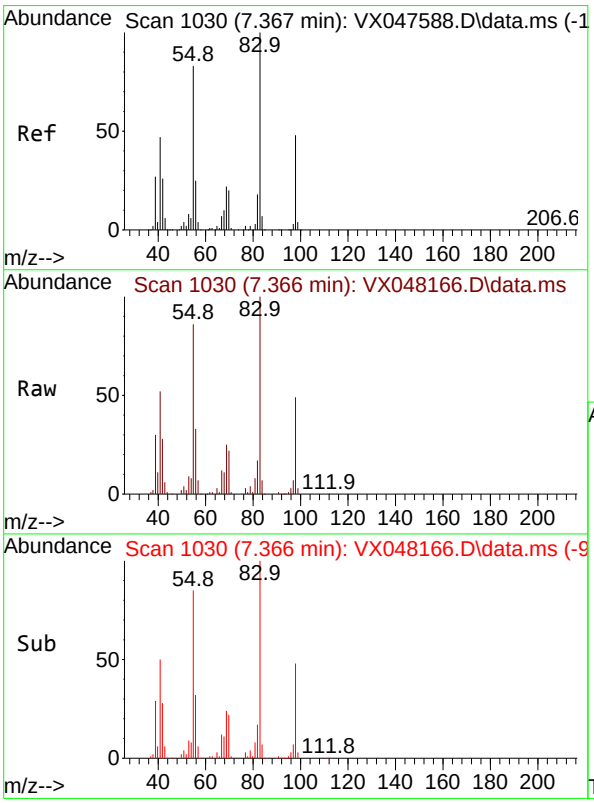
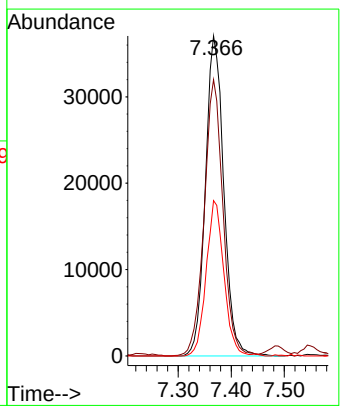
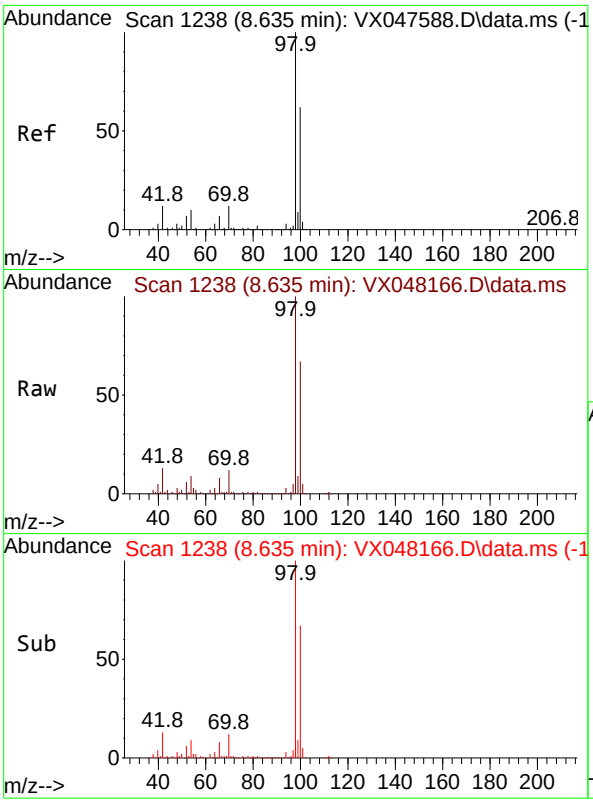


#39
Methylcyclohexane
Concen: 33.265 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 83 Resp: 89066

Ion	Ratio	Lower	Upper
83	100		
55	86.1	66.4	99.6
98	48.5	38.1	57.1

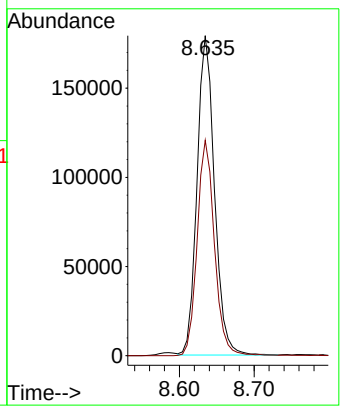




#50
Toluene-d8
Concen: 51.934 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 98 Resp: 29007

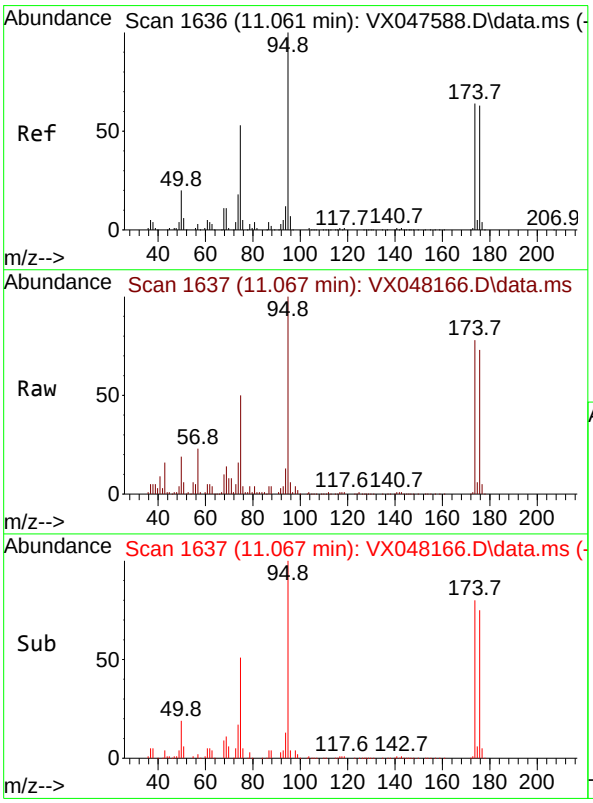
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

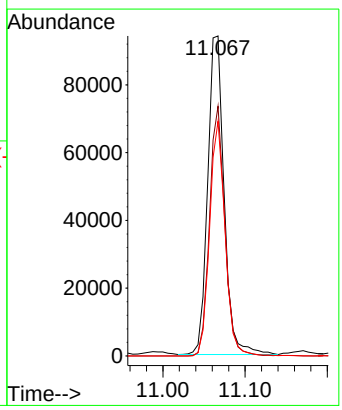
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

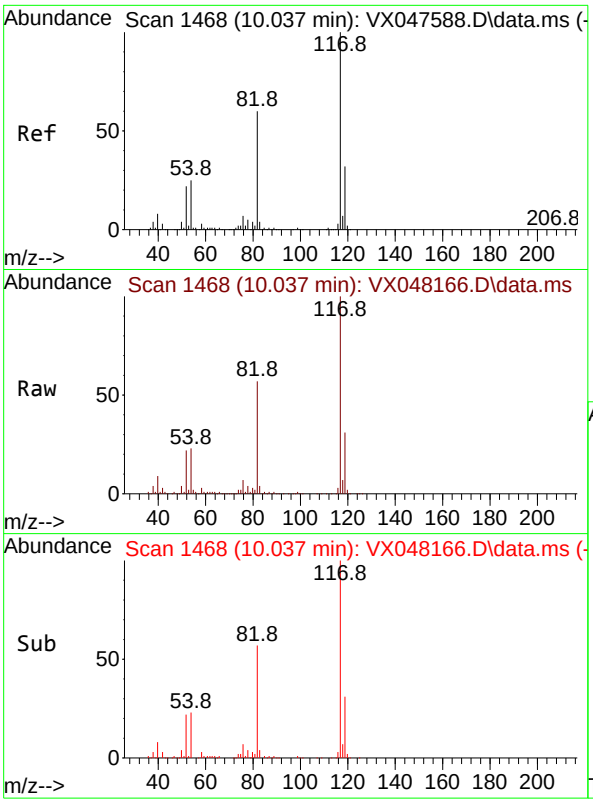


#62
4-Bromofluorobenzene
Concen: 61.636 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 95 Resp: 130654

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	69.3	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

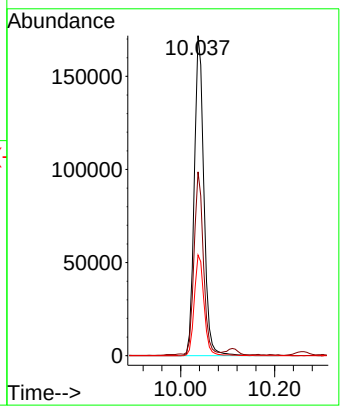
Tgt Ion:117 Resp: 24550

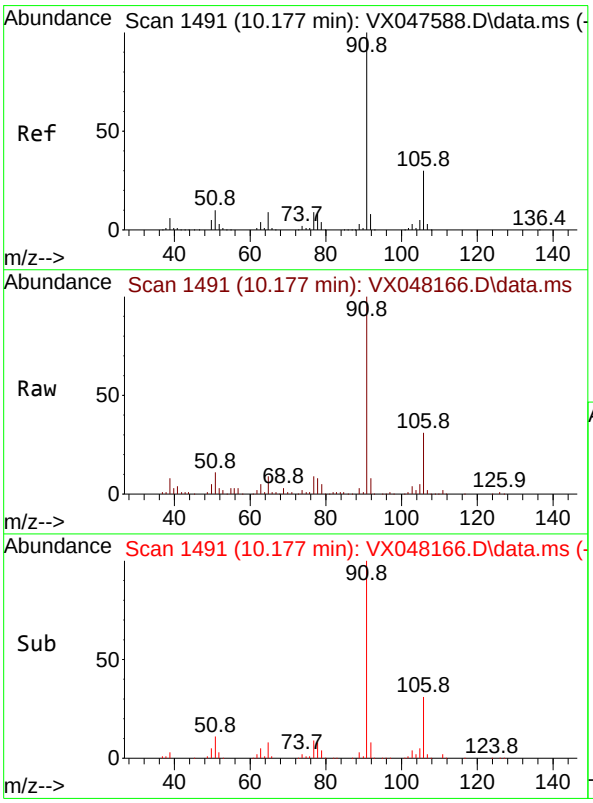
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	31.5	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

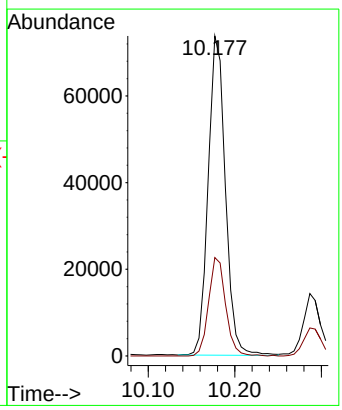


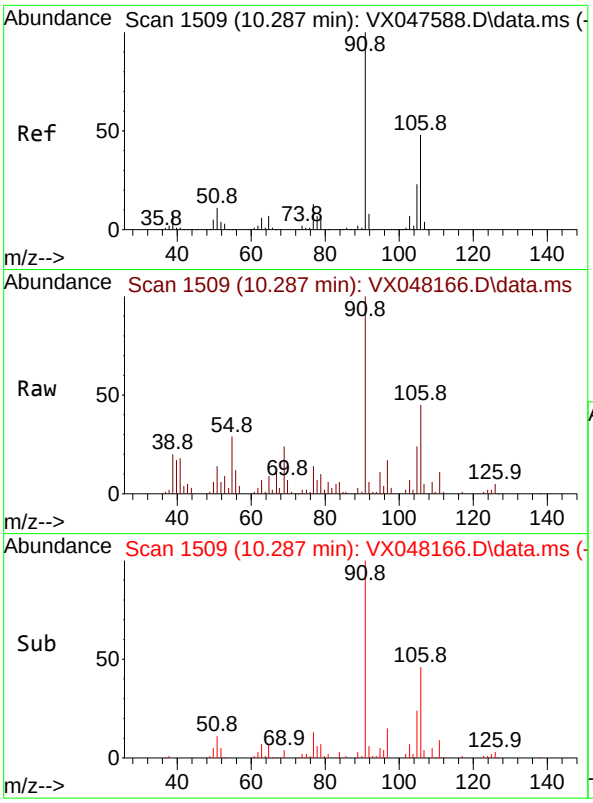


#67
Ethyl Benzene
Concen: 10.565 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 101672

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5





#68
m/p-Xylenes
Concen: 2.643 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

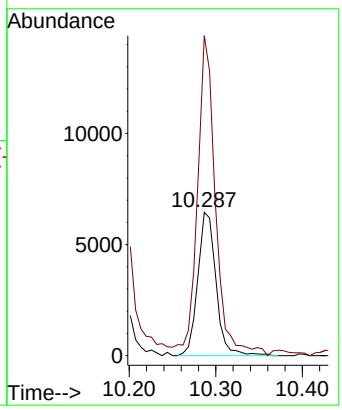
Tgt Ion:106 Resp: 946

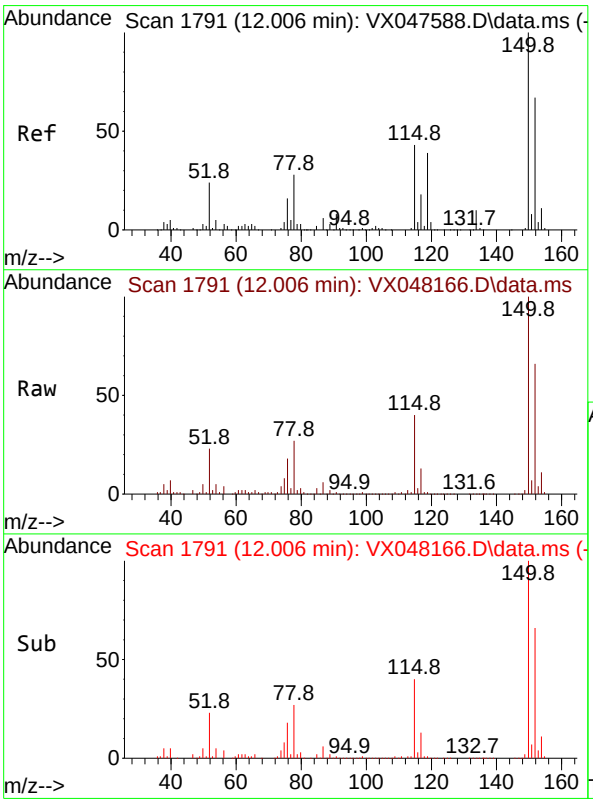
Ion	Ratio	Lower	Upper
106	100		
91	220.5	167.8	251.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

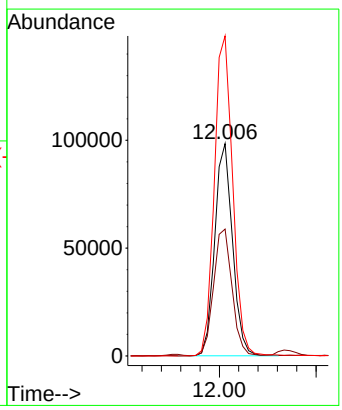


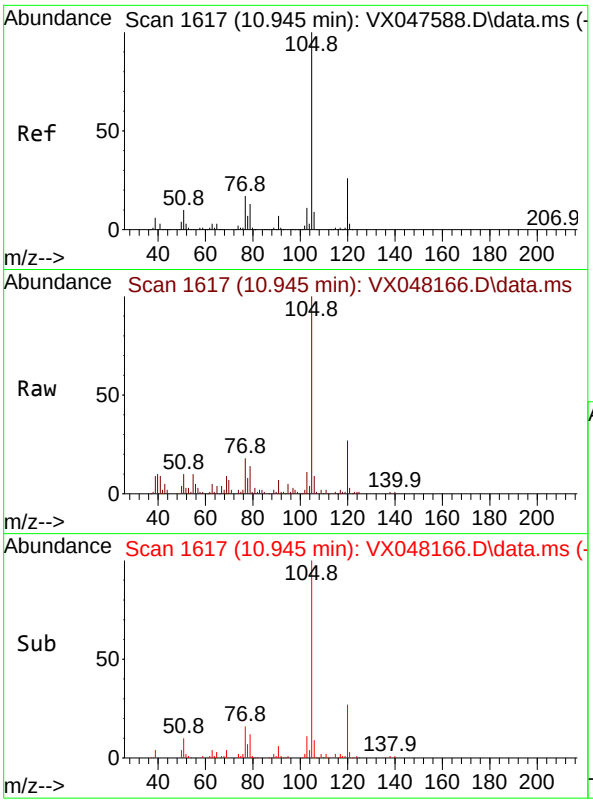


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:152 Resp: 125319

Ion	Ratio	Lower	Upper
152	100		
115	61.8	44.9	134.5
150	156.2	0.0	352.0





#73
Isopropylbenzene
Concen: 2.935 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

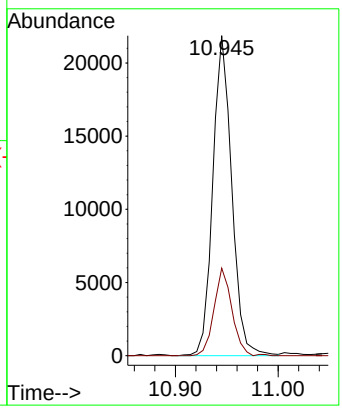
Tgt Ion:105 Resp: 2796

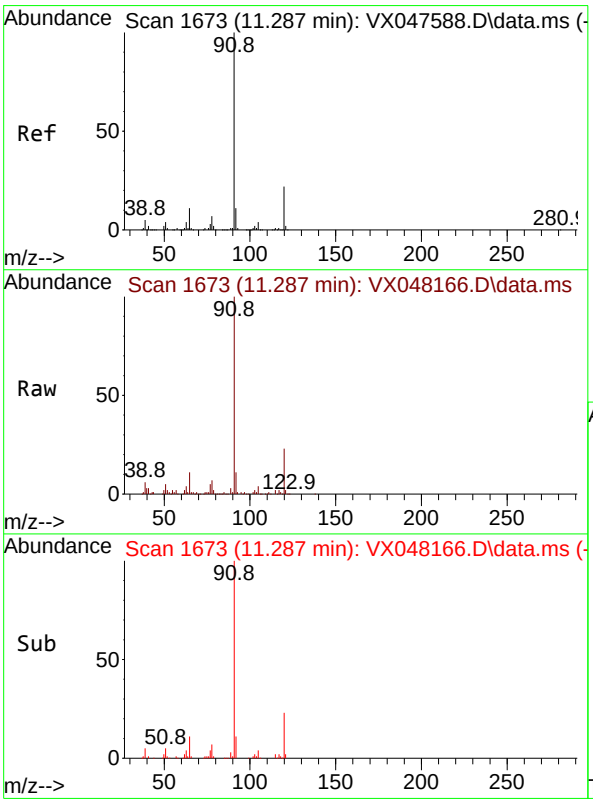
Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

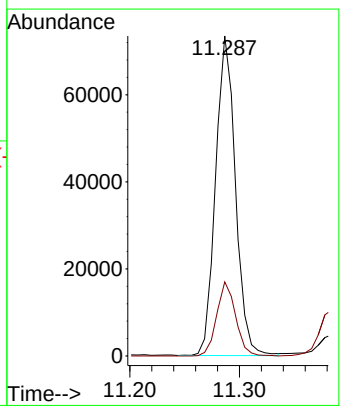


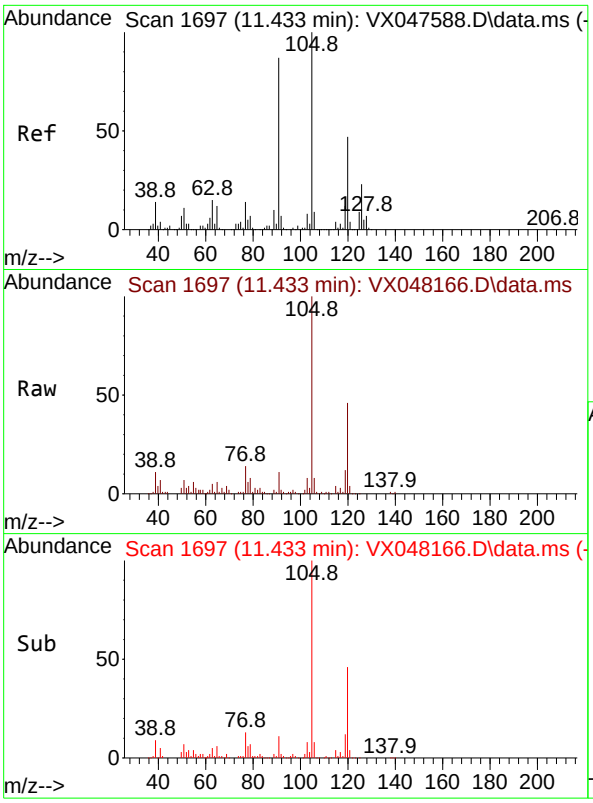


#78
n-propylbenzene
Concen: 8.230 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 92695

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#80
1,3,5-Trimethylbenzene
Concen: 8.096 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

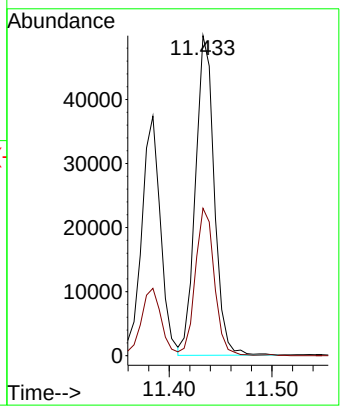
Tgt Ion:105 Resp: 6337

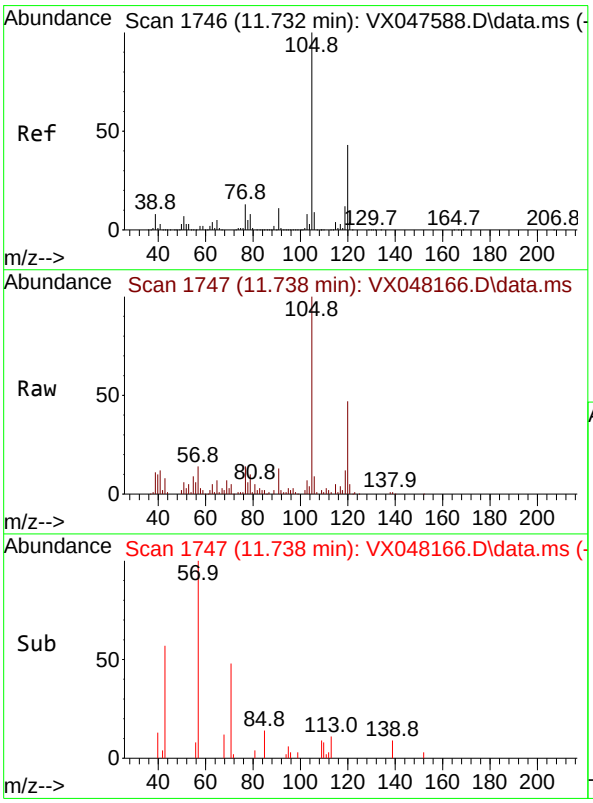
Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.6	70.8

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

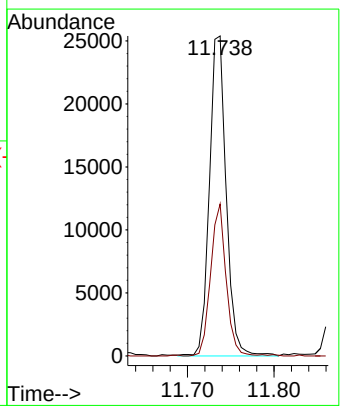


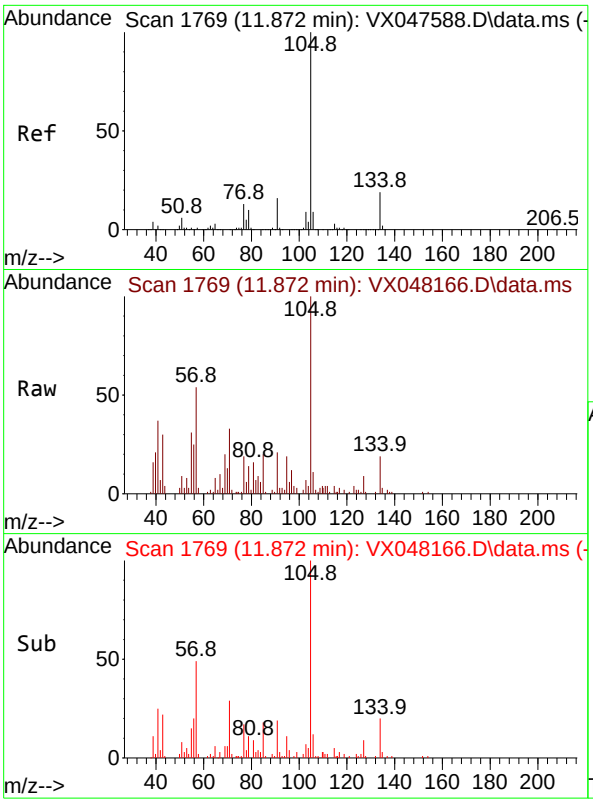


#84
1,2,4-Trimethylbenzene
Concen: 4.306 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:105 Resp: 34172

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.1





#85
sec-Butylbenzene
Concen: 1.237 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

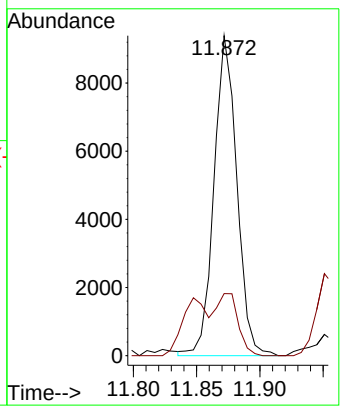
Tgt Ion:105 Resp: 1177

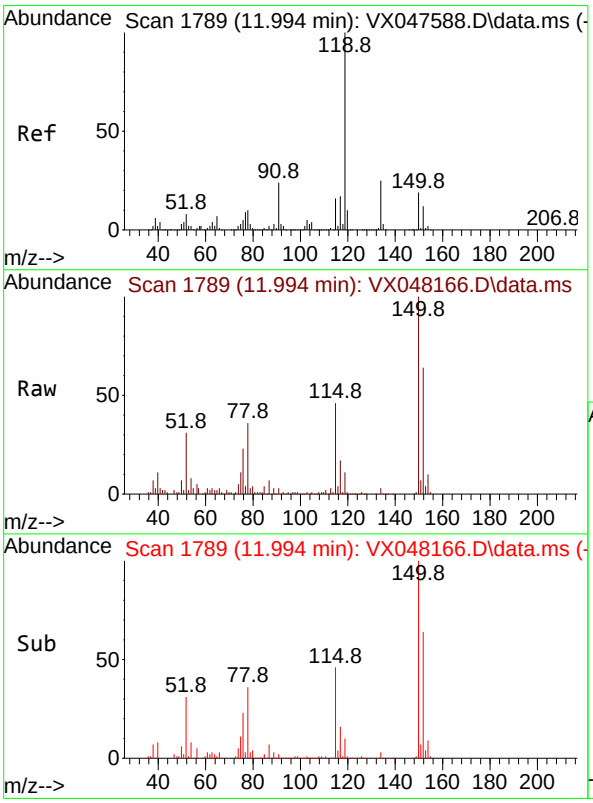
Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.5

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

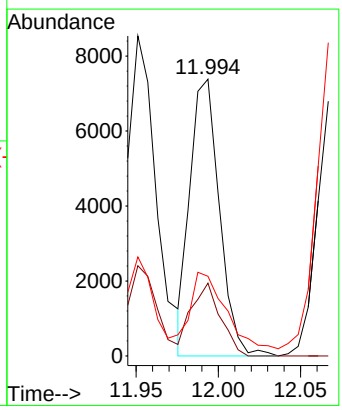


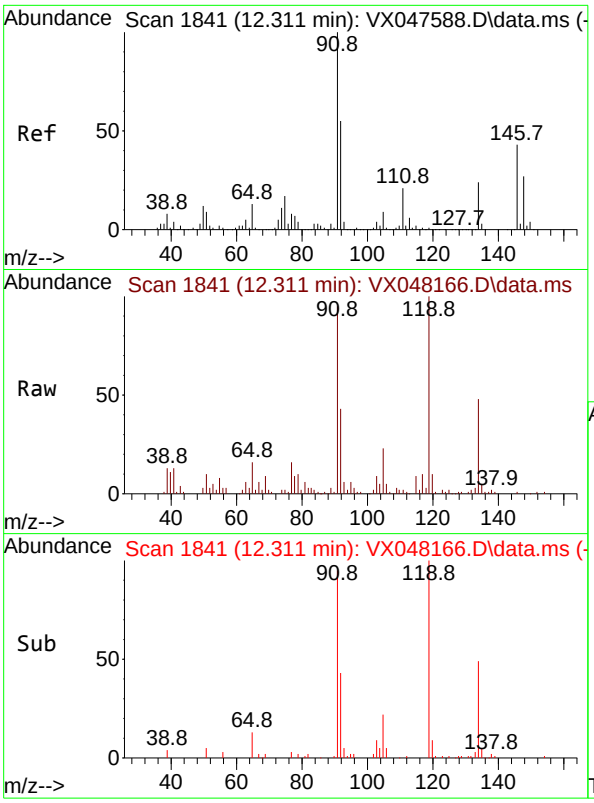


#86
p-Isopropyltoluene
Concen: 1.141 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:119 Resp: 9191

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	32.9	12.6	37.6

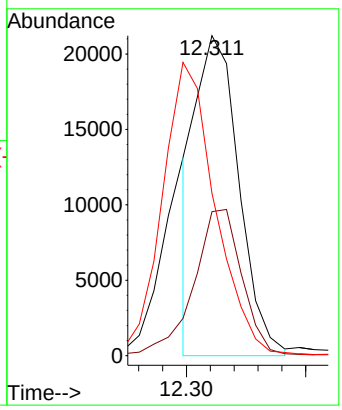




#89
n-Butylbenzene
Concen: 3.596 ug/l m
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion: 91 Resp: 2681

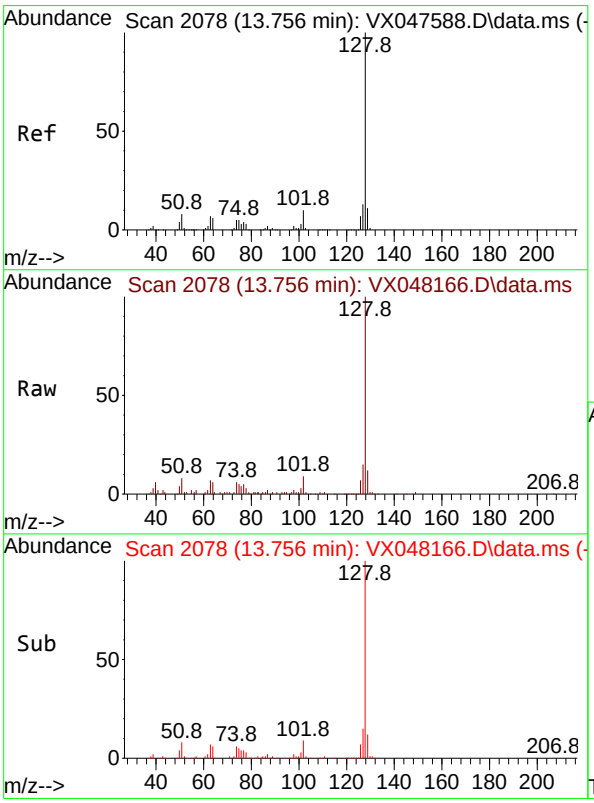
Ion	Ratio	Lower	Upper
91	100		
92	50.5	27.6	82.7
134	110.8	12.6	37.8#



Instrument :
MSVOA_X
ClientSampleId :
SB2A

Manual Integrations
APPROVED

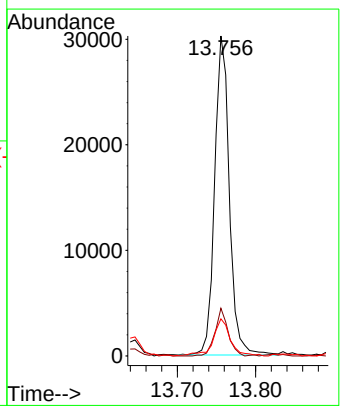
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#95
Naphthalene
Concen: 4.809 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048166.D
Acq: 14 Oct 2025 15:13

Tgt Ion:128 Resp: 39515

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	13.6	8.8	13.2#



Sample Results: **VX048166.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.831	280	286	298	rVB2	26066	59864	6.66%	0.385%
2	3.105	323	331	341	rBV2	19475	50098	5.57%	0.322%
3	3.446	378	387	399	rBV	35686	90505	10.07%	0.582%
4	4.300	519	527	541	rVB2	25628	76306	8.49%	0.491%
5	5.373	692	703	713	rBV2	86218	277619	30.89%	1.785%
6	5.538	713	730	740	rVV3	104911	463888	51.62%	2.983%
7	5.818	765	776	788	rBV3	71966	238484	26.54%	1.534%
8	5.946	788	797	816	rVV	93893	277773	30.91%	1.786%
9	6.147	816	830	839	rVV6	27680	102397	11.39%	0.659%
10	6.239	839	845	855	rVV3	38242	118252	13.16%	0.760%
11	6.348	855	863	876	rVB2	33375	105726	11.76%	0.680%
12	6.598	894	904	919	rBV	97134	255189	28.40%	1.641%
13	6.751	919	929	941	rBV	220018	593732	66.07%	3.818%
14	7.366	1018	1030	1043	rBV	207878	519132	57.77%	3.339%
15	7.482	1043	1049	1054	rBV3	20266	41993	4.67%	0.270%
16	7.549	1054	1060	1070	rVB2	27144	59771	6.65%	0.384%
17	7.647	1070	1076	1087	rVB	29126	62169	6.92%	0.400%
18	7.763	1087	1095	1102	rBV2	32910	69444	7.73%	0.447%
19	7.946	1118	1125	1140	rVB4	31495	109871	12.23%	0.707%
20	8.092	1142	1149	1152	rBV3	23130	48706	5.42%	0.313%
21	8.129	1152	1155	1158	rVV2	18788	30955	3.44%	0.199%
22	8.177	1158	1163	1172	rVV3	32449	72455	8.06%	0.466%
23	8.263	1172	1177	1181	rVV	129087	233496	25.98%	1.502%
24	8.299	1181	1183	1190	rVB3	63789	95687	10.65%	0.615%
25	8.421	1198	1203	1211	rBV	104937	206236	22.95%	1.326%
26	8.494	1211	1215	1224	rVB2	31816	66210	7.37%	0.426%
27	8.586	1224	1230	1233	rBV3	108491	206076	22.93%	1.325%
28	8.635	1233	1238	1249	rVB	501882	870850	96.90%	5.601%
29	8.756	1250	1258	1262	rBV2	45055	84672	9.42%	0.545%
30	8.805	1262	1266	1268	rVV3	21471	35763	3.98%	0.230%
31	8.830	1268	1270	1276	rVB2	31658	46841	5.21%	0.301%
32	8.903	1276	1282	1287	rBV2	68094	120453	13.40%	0.775%
33	8.964	1287	1292	1304	rVB3	71676	154015	17.14%	0.990%
34	9.086	1304	1312	1318	rBV	49363	100608	11.20%	0.647%
35	9.147	1318	1322	1326	rBV2	34493	51560	5.74%	0.332%
36	9.372	1354	1359	1363	rBV	58076	91719	10.21%	0.590%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

37	9.488	1373	1378	1384	rBV3	70034	145821	16.23%	0.938%
38	9.549	1384	1388	1392	rVB	90794	128123	14.26%	0.824%
39	9.604	1392	1397	1401	rBV2	70274	119458	13.29%	0.768%
40	9.744	1415	1420	1426	rBV3	37669	65763	7.32%	0.423%
41	9.811	1426	1431	1435	rVV3	55428	116003	12.91%	0.746%
42	9.848	1435	1437	1440	rVV3	28917	44160	4.91%	0.284%
43	9.890	1440	1444	1448	rVV	162376	241722	26.90%	1.555%
44	9.994	1456	1461	1464	rVV	148926	202183	22.50%	1.300%
45	10.037	1464	1468	1474	rVV	540482	762776	84.88%	4.906%
46	10.110	1478	1480	1484	rVV	27490	42884	4.77%	0.276%
47	10.177	1486	1491	1497	rVV	187286	278701	31.01%	1.792%
48	10.256	1497	1504	1507	rVV5	45050	101134	11.25%	0.650%
49	10.293	1507	1510	1515	rVV3	72666	132089	14.70%	0.849%
50	10.342	1515	1518	1529	rVB4	41587	104989	11.68%	0.675%
51	10.439	1529	1534	1543	rBV6	22877	44545	4.96%	0.286%
52	10.567	1549	1555	1563	rVB3	70924	129095	14.37%	0.830%
53	10.652	1563	1569	1575	rBV2	39394	73846	8.22%	0.475%
54	10.762	1579	1587	1591	rBV2	123489	198644	22.10%	1.278%
55	10.841	1591	1600	1604	rVV3	90377	169061	18.81%	1.087%
56	10.878	1604	1606	1611	rVB	37365	45860	5.10%	0.295%
57	10.945	1611	1617	1621	rBV	63830	95467	10.62%	0.614%
58	11.012	1625	1628	1631	rVV	47600	63901	7.11%	0.411%
59	11.067	1631	1637	1648	rVB3	534936	898666	100.00%	5.779%
60	11.177	1648	1655	1657	rBV	83978	122258	13.60%	0.786%
61	11.201	1657	1659	1663	rVB4	34908	39787	4.43%	0.256%
62	11.287	1669	1673	1677	rBV	147701	182084	20.26%	1.171%
63	11.384	1683	1689	1692	rBV	91734	133291	14.83%	0.857%
64	11.433	1692	1697	1701	rVV	131357	183790	20.45%	1.182%
65	11.597	1720	1724	1731	rVV3	41253	85347	9.50%	0.549%
66	11.664	1731	1735	1738	rVV2	26760	36099	4.02%	0.232%
67	11.701	1738	1741	1743	rVV	60826	72768	8.10%	0.468%
68	11.738	1743	1747	1757	rVB	88614	155082	17.26%	0.997%
69	11.872	1766	1769	1773	rVV	49293	66814	7.43%	0.430%
70	11.927	1773	1778	1780	rVV2	42722	63902	7.11%	0.411%
71	11.951	1780	1782	1785	rVV2	41238	50603	5.63%	0.325%
72	12.006	1785	1791	1797	rVV	600002	871244	96.95%	5.603%
73	12.067	1797	1801	1809	rVV	219261	364849	40.60%	2.346%
74	12.152	1813	1815	1822	rVB2	42469	58938	6.56%	0.379%
75	12.225	1822	1827	1834	rBV3	173600	305026	33.94%	1.962%
76	12.299	1834	1839	1846	rVB3	203266	332245	36.97%	2.137%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

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_X\Method\82X091625W.M
Title : SW846 8260

77	12.402	1847	1856	1860	rVV7	23838	65344	7.27%	0.420%
78	12.445	1860	1863	1869	rVB	73380	101857	11.33%	0.655%
79	12.512	1870	1874	1881	rBV	58796	109510	12.19%	0.704%
80	12.591	1883	1887	1891	rVV	185566	251858	28.03%	1.620%
81	12.628	1891	1893	1897	rVV	32700	37179	4.14%	0.239%
82	12.676	1897	1901	1910	rVB3	95681	189842	21.12%	1.221%
83	12.829	1923	1926	1929	rVV2	37078	43690	4.86%	0.281%
84	12.902	1934	1938	1942	rVV	95395	133577	14.86%	0.859%
85	12.945	1942	1945	1951	rVB	98222	141621	15.76%	0.911%
86	13.024	1951	1958	1961	rBV4	41743	87356	9.72%	0.562%
87	13.146	1971	1978	1982	rBV3	85338	124895	13.90%	0.803%
88	13.237	1989	1993	1995	rBV2	24274	39474	4.39%	0.254%
89	13.274	1995	1999	2004	rVB2	161014	218299	24.29%	1.404%
90	13.353	2009	2012	2016	rVV2	23488	35291	3.93%	0.227%
91	13.402	2016	2020	2029	rVB3	33015	68353	7.61%	0.440%
92	13.487	2029	2034	2036	rBV2	22275	32381	3.60%	0.208%
93	13.524	2036	2040	2043	rVV	40269	51677	5.75%	0.332%
94	13.560	2043	2046	2053	rVV4	43579	84730	9.43%	0.545%
95	13.646	2057	2060	2065	rVV2	36523	59698	6.64%	0.384%
96	13.756	2074	2078	2085	rVV	62710	84909	9.45%	0.546%
97	13.902	2096	2102	2107	rBV4	20720	39882	4.44%	0.256%
98	14.054	2123	2127	2135	rBV	25351	32084	3.57%	0.206%
99	14.195	2144	2150	2156	rBV	23478	33560	3.73%	0.216%
100	14.615	2212	2219	2224	rBV	48686	64666	7.20%	0.416%

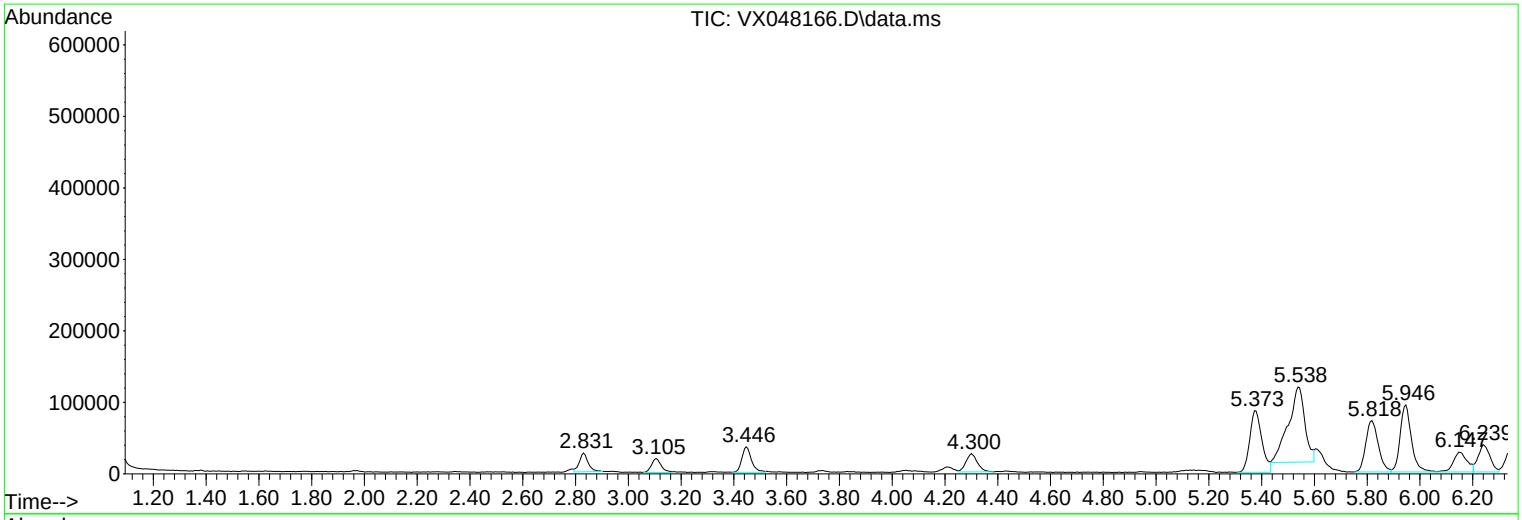
Sum of corrected areas: 15549266

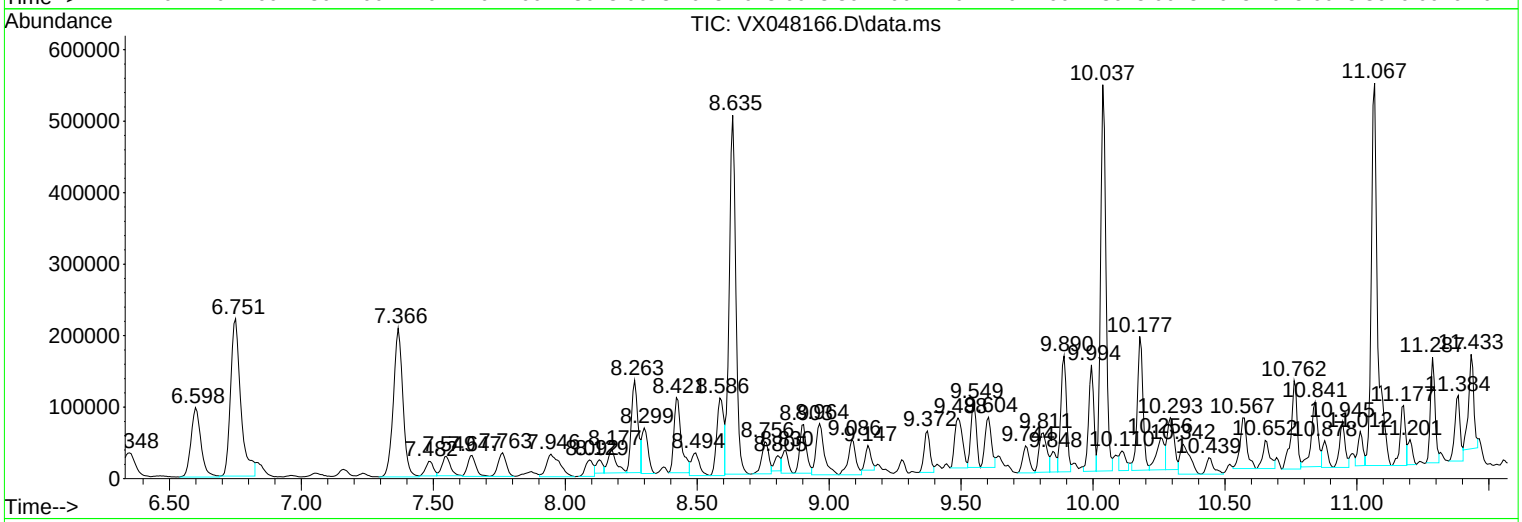
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

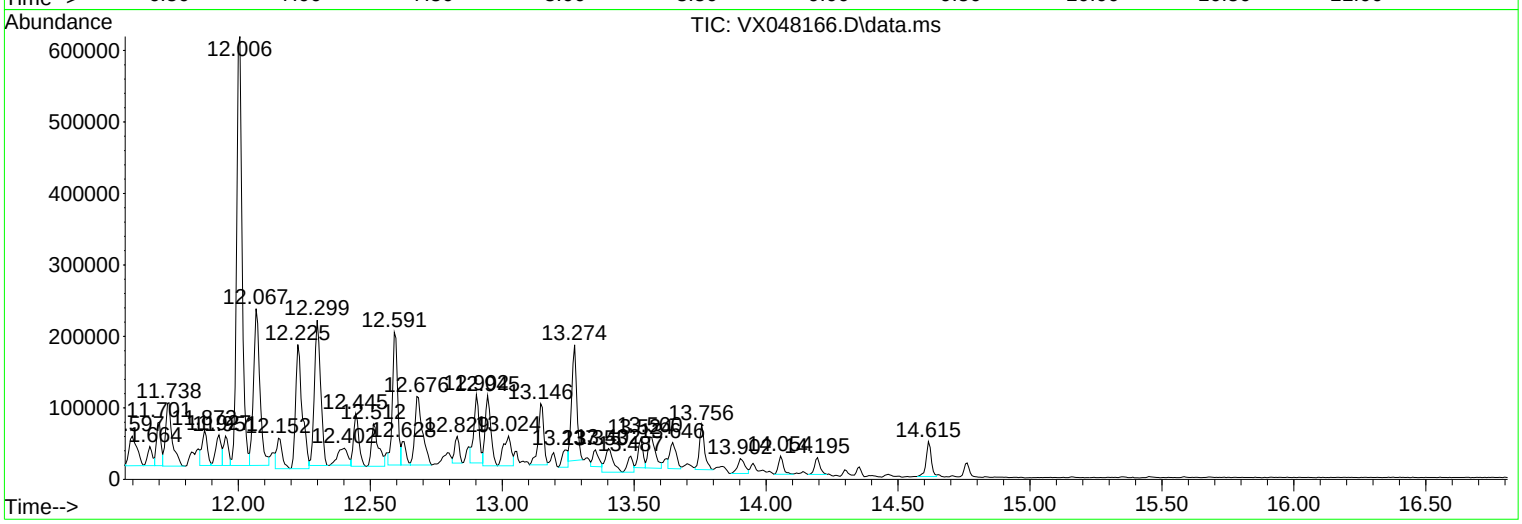
Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

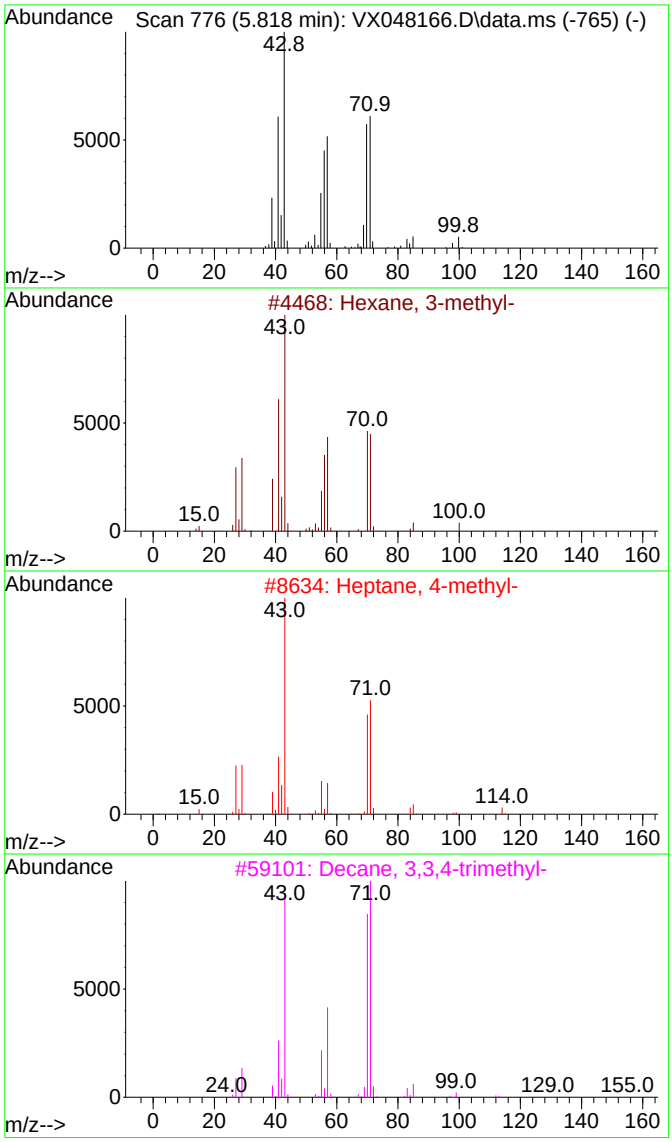
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

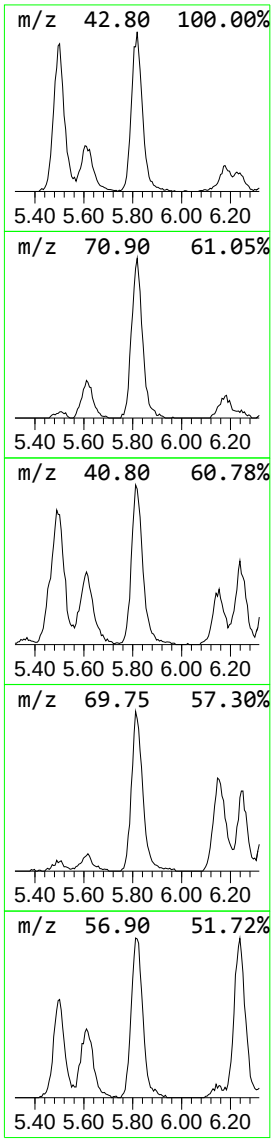
****

Peak Number 1 Hexane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	25.70 ug/l	238484	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4	Heptane	100	C7H16	000142-82-5	52
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

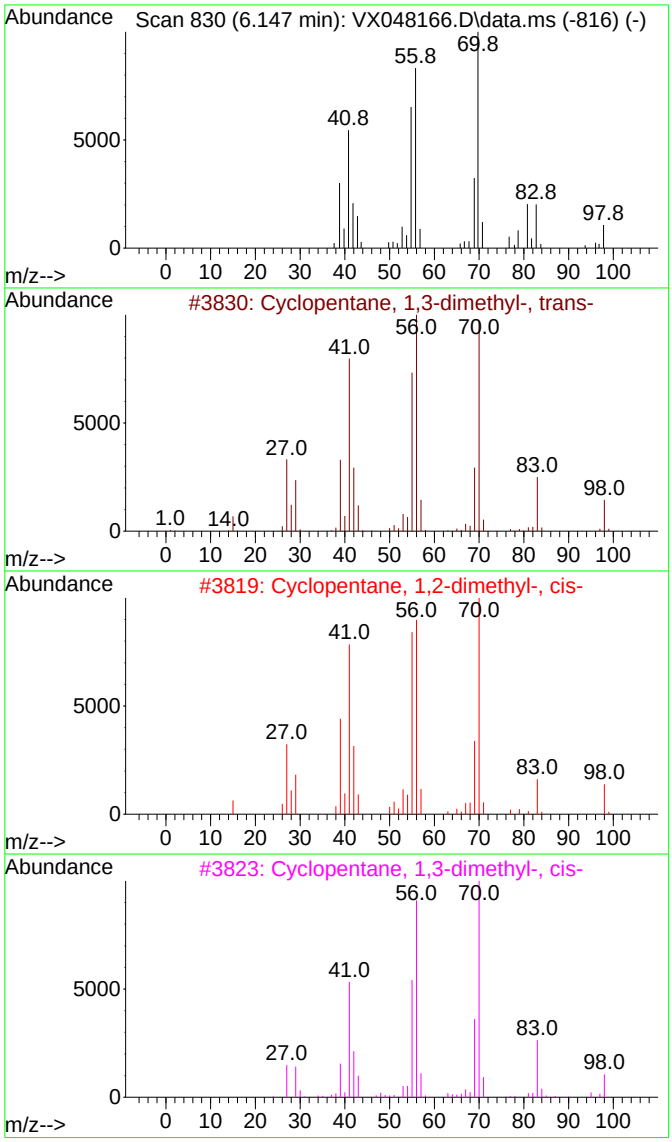
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

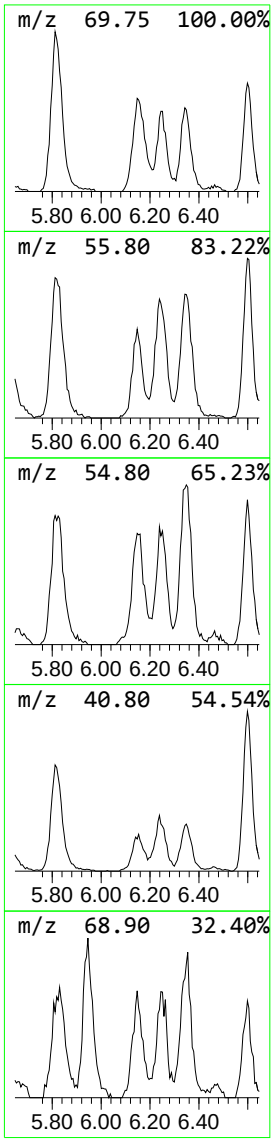
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.147	11.04 ug/l	102397	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	83
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	59





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On    : 14 Oct 2025  15:13
Operator  : JC/MD
Sample    : Q3276-02 100X
Misc      : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial  : 16   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
MSVOA_X
ClientSampleId :
SB2A

5

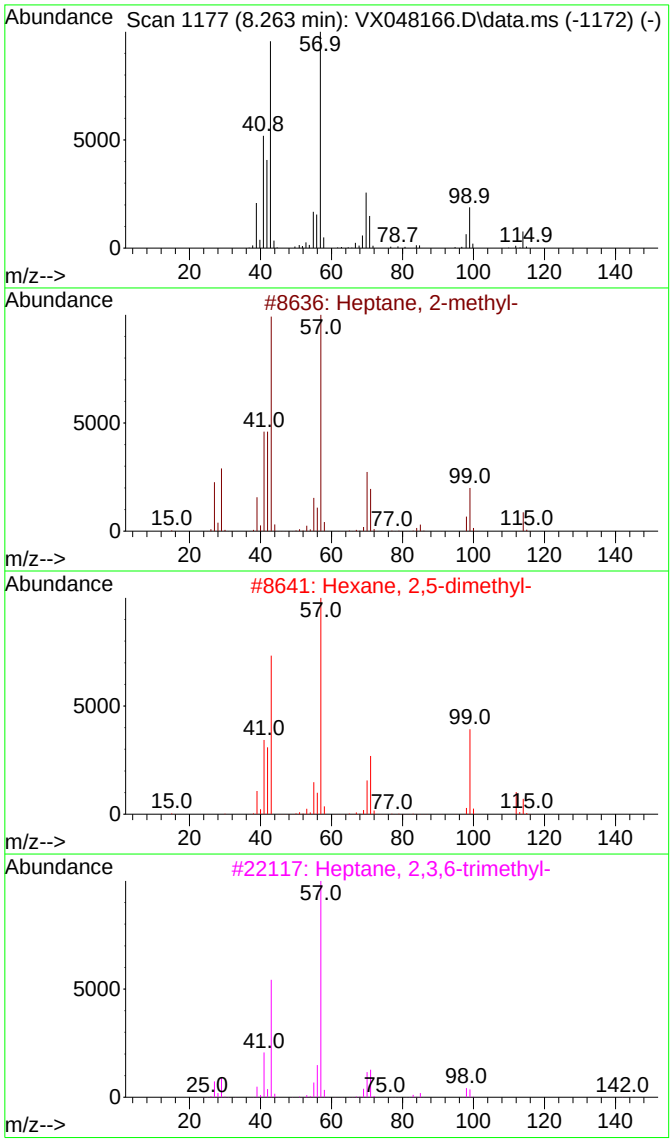
A B C D E F G H I J

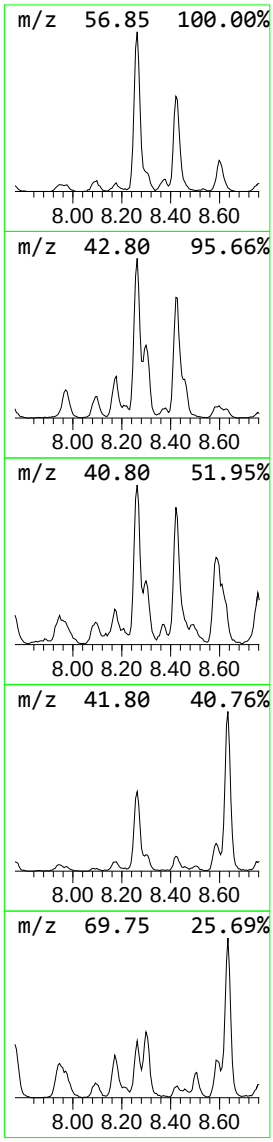
****

Peak Number 5 Heptane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	19.66 ug/l	233496	1,4-Difluorobenzene	6.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

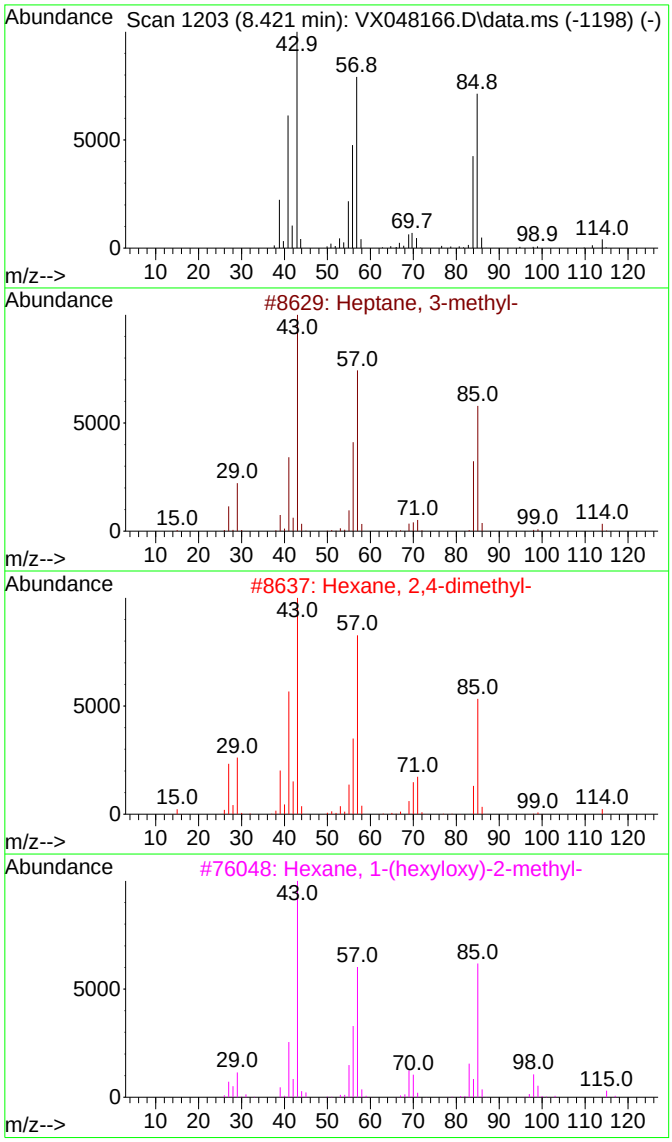
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

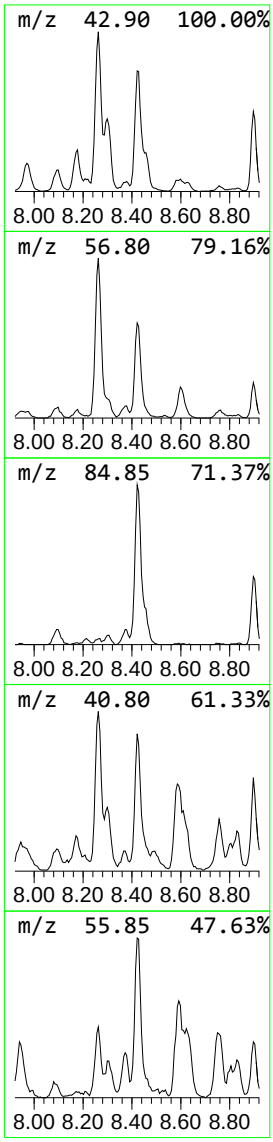
****

Peak Number 6 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.421	13.52 ug/l	206236	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

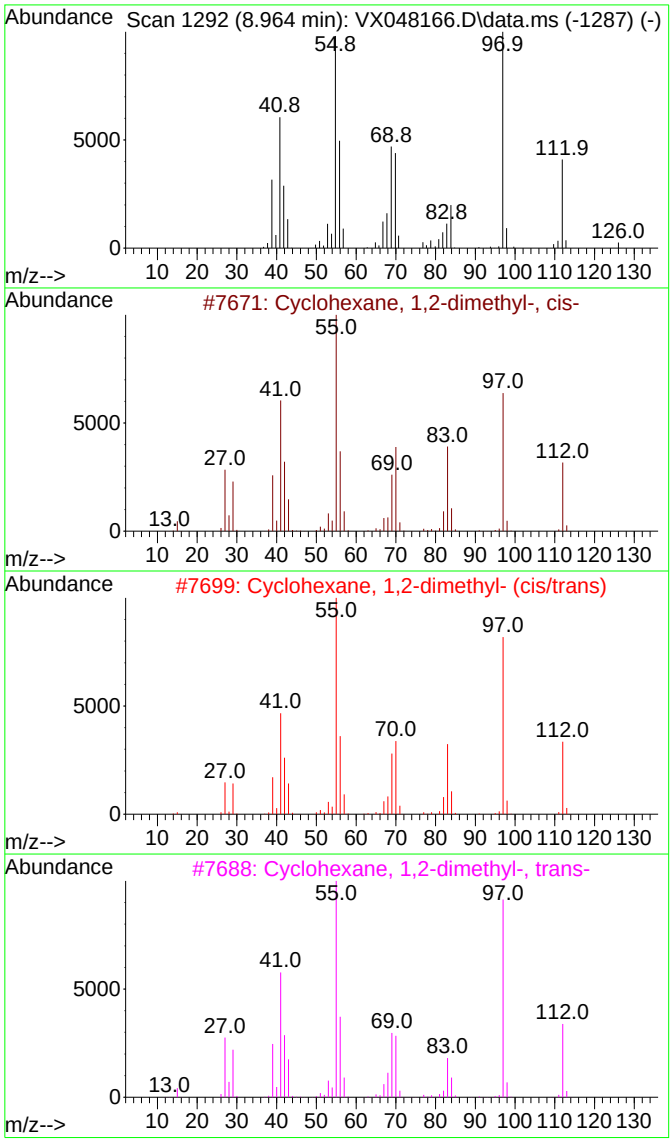
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

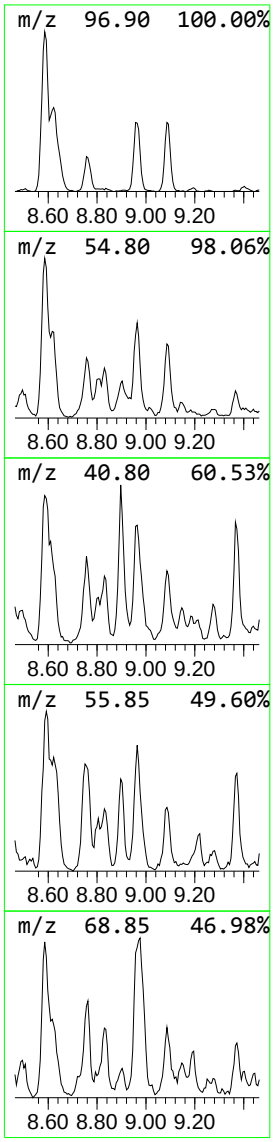
****

Peak Number 7 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.964	10.10 ug/l	154015	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

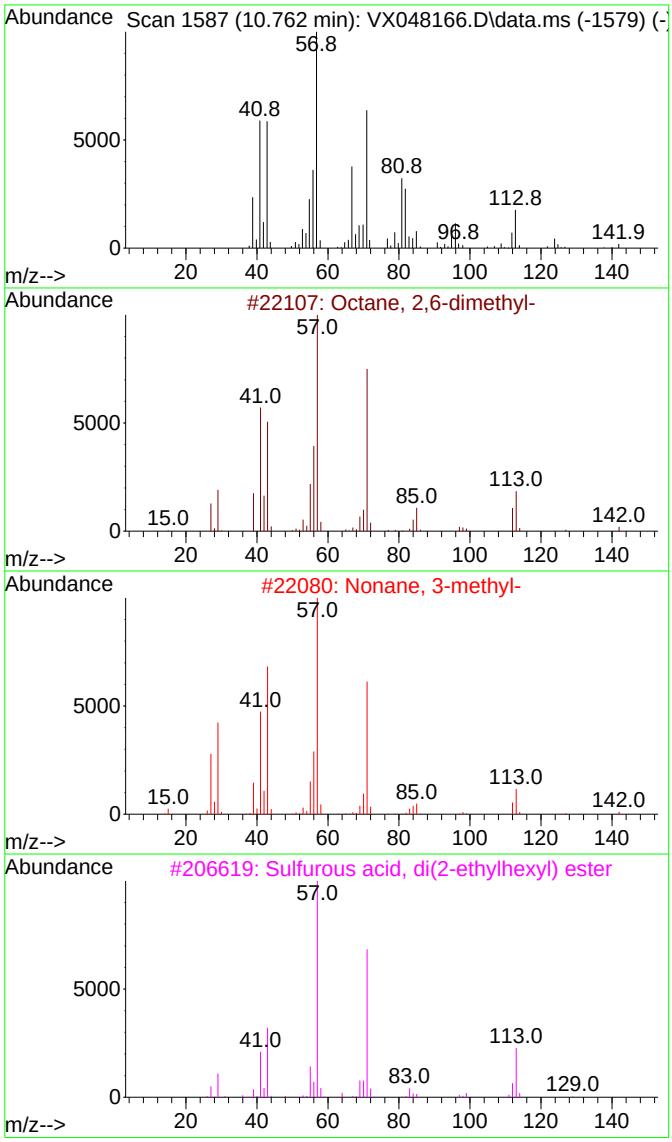
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

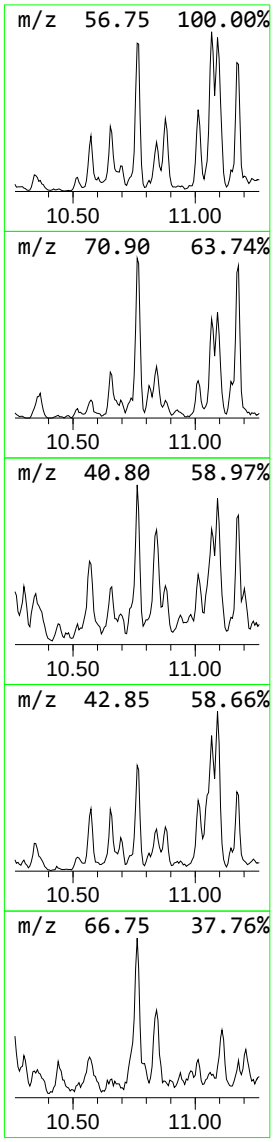
****

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	13.02 ug/l	198644	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	38
5	3-Bromooctane	192	C8H17Br	000999-64-4	38





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Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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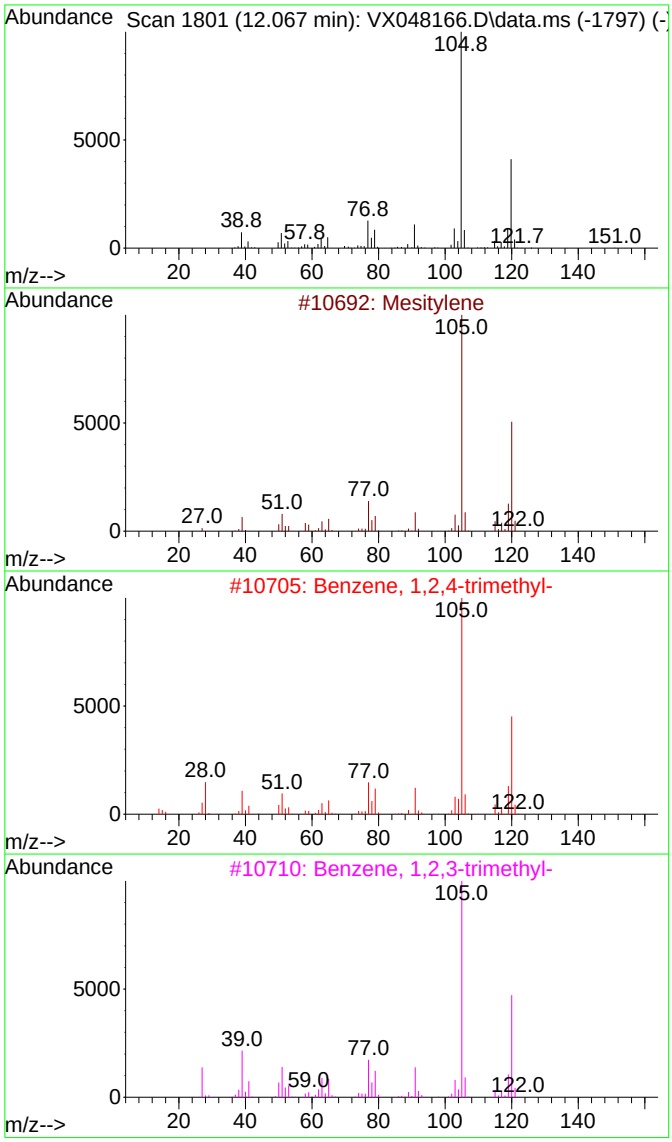
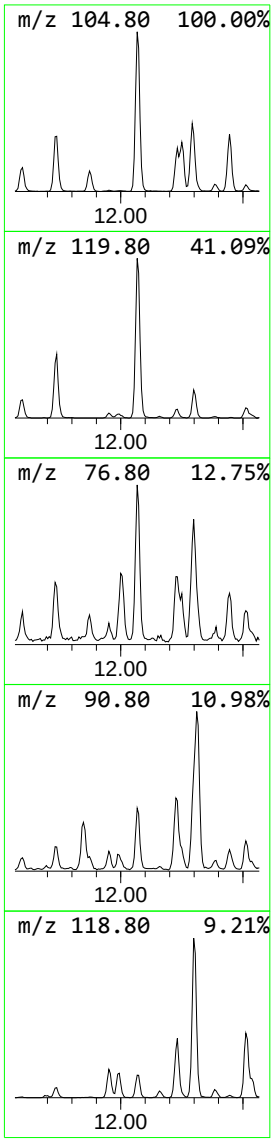
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	20.94 ug/l	364849	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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

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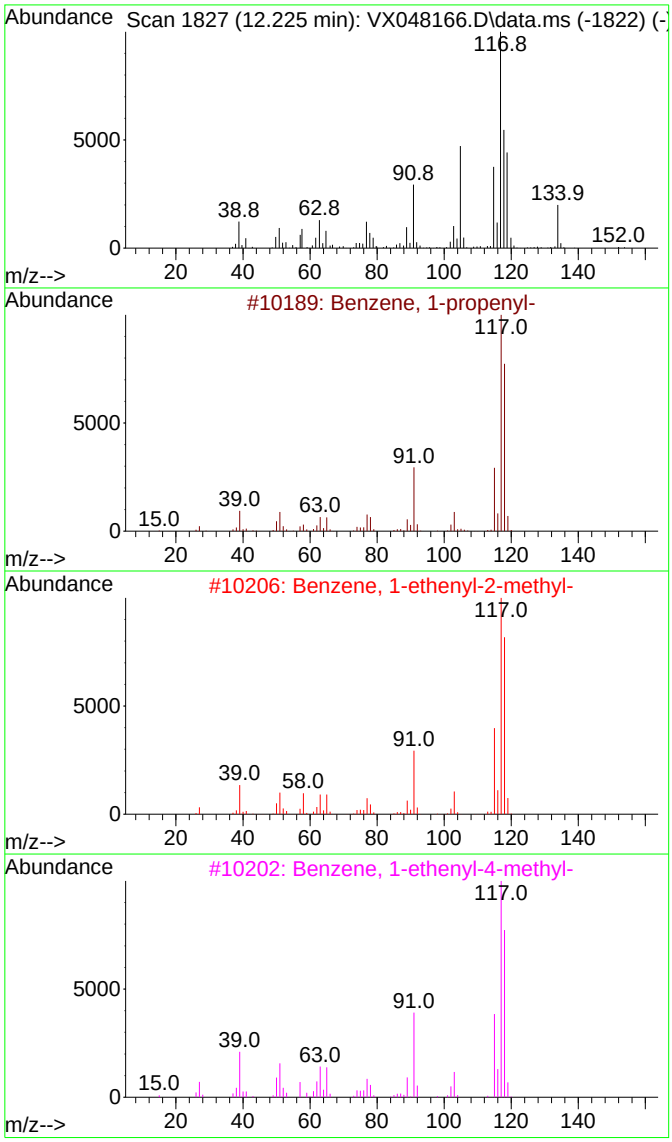
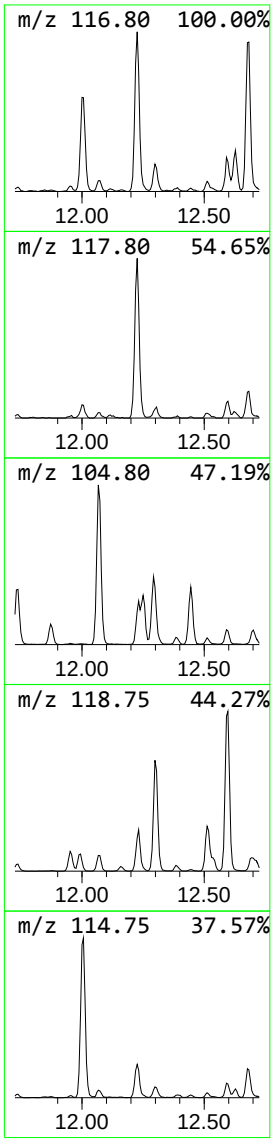
Peak Number 12 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.225	17.51 ug/l	305026	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	78
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

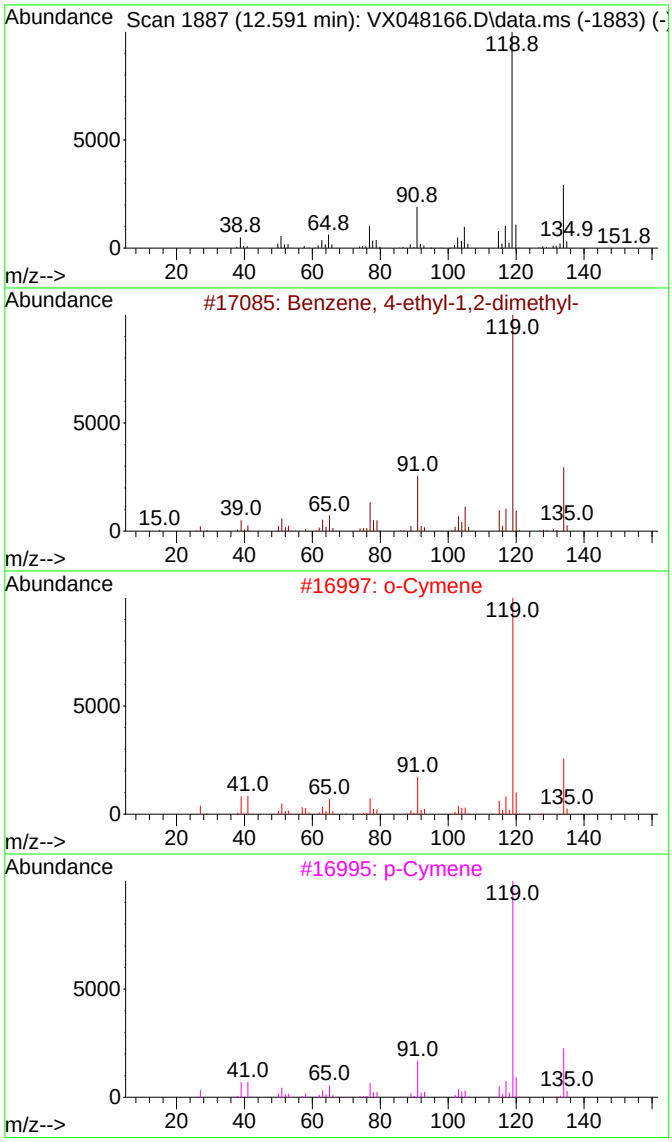
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

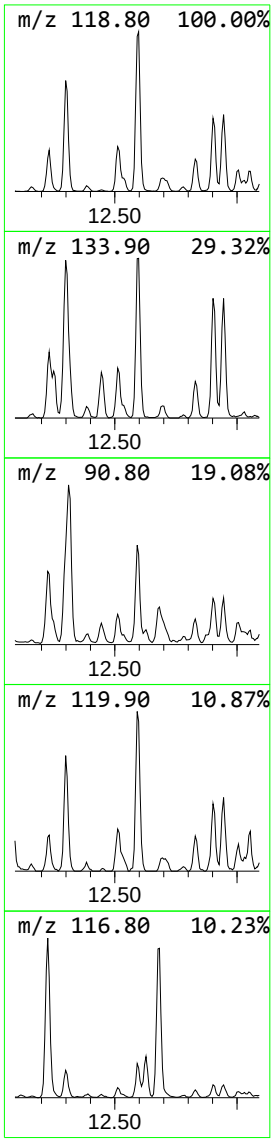
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	14.45 ug/l	251858	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

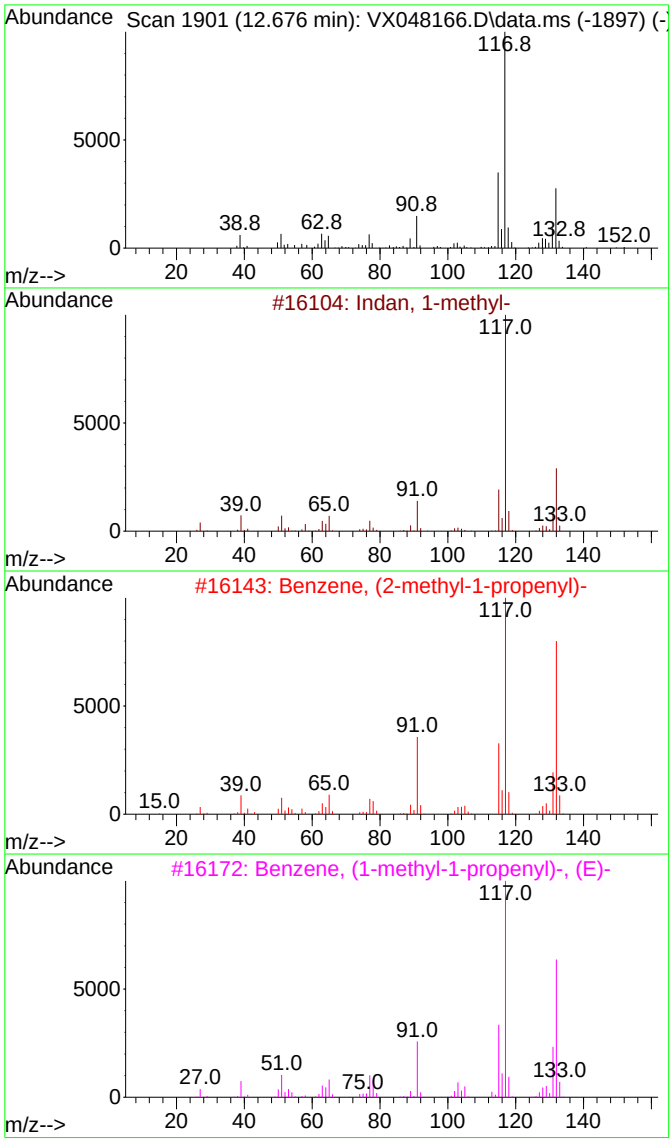
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

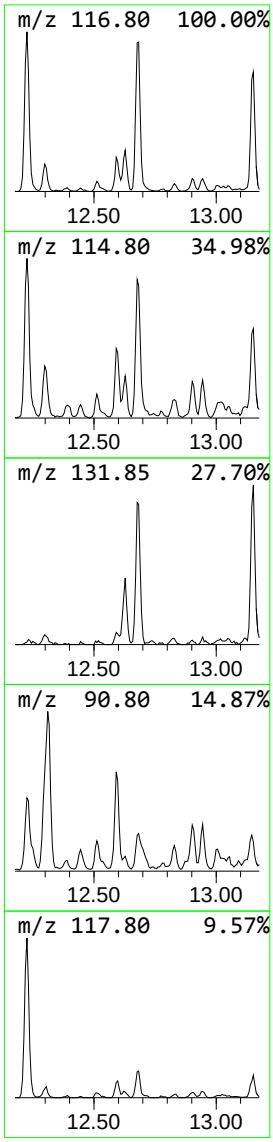
****

Peak Number 14 Indan, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	10.89 ug/l	189842	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

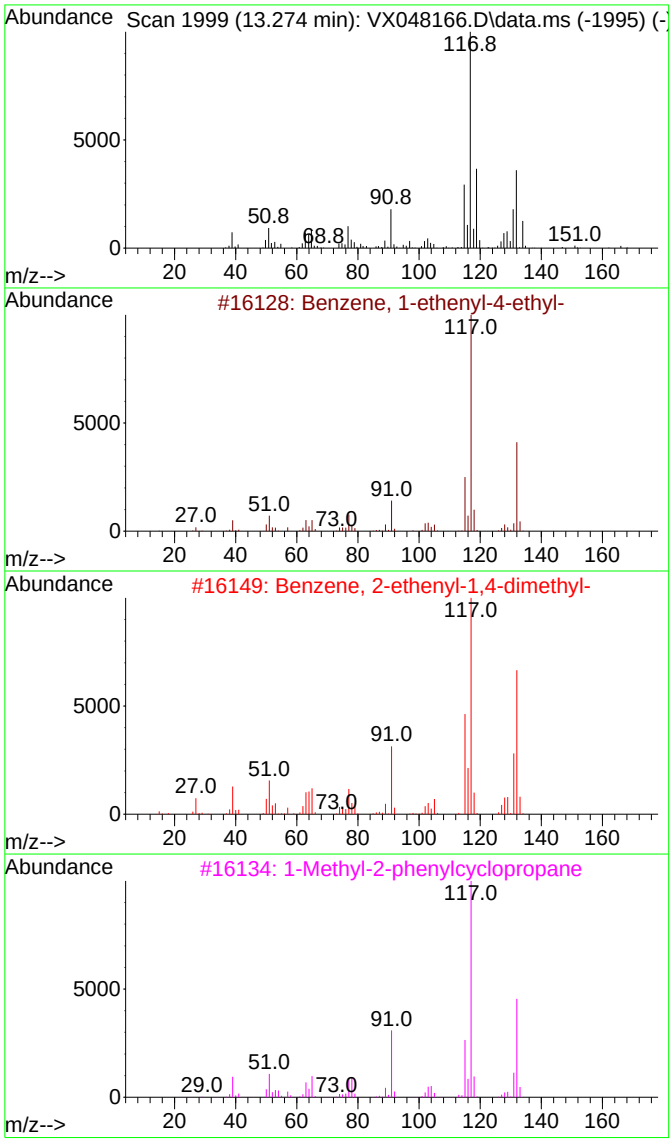
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

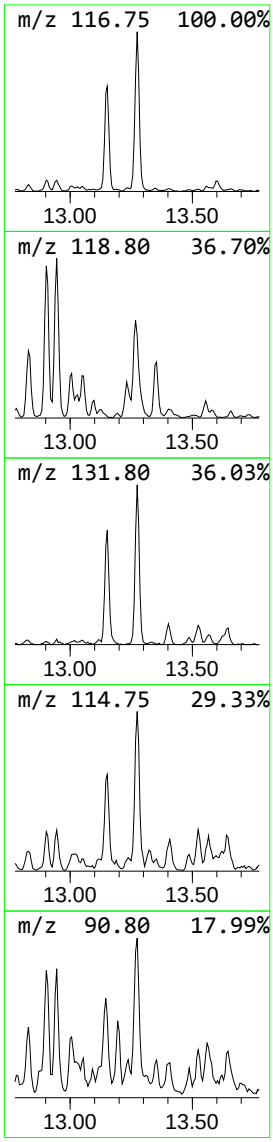
****

Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	12.53 ug/l	218299	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048166.D
Acq On : 14 Oct 2025 15:13
Operator : JC/MD
Sample : Q3276-02 100X
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB2A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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
Hexane, 3-methyl-	5.818	25.7	ug/l	238484	1	5.544	463888	50.0
Cyclopentane, 1...	6.147	11.0	ug/l	102397	1	5.544	463888	50.0
Heptane, 2-methyl-	8.263	19.7	ug/l	233496	2	6.751	593732	50.0
Heptane, 3-methyl-	8.421	13.5	ug/l	206236	3	10.037	762776	50.0
Cyclohexane, 1,...	8.964	10.1	ug/l	154015	3	10.037	762776	50.0
Octane, 2,6-dim...	10.762	13.0	ug/l	198644	3	10.037	762776	50.0
Benzene, 1,2,4-...	12.067	20.9	ug/l	364849	4	12.006	871244	50.0
Benzene, 1-ethe...	12.225	17.5	ug/l	305026	4	12.006	871244	50.0
Benzene, 4-ethy...	12.591	14.4	ug/l	251858	4	12.006	871244	50.0
Indan, 1-methyl-	12.677	10.9	ug/l	189842	4	12.006	871244	50.0
Benzene, 1-ethe...	13.274	12.5	ug/l	218299	4	12.006	871244	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Time: Oct 15 03:01:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	92850	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	189331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	93640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	83770	56.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.360%			
35) Dibromofluoromethane	5.367	113	70575	55.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.160%			
50) Toluene-d8	8.635	98	236315	53.786	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.580%			
62) 4-Bromofluorobenzene	11.061	95	98413	59.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.040%			

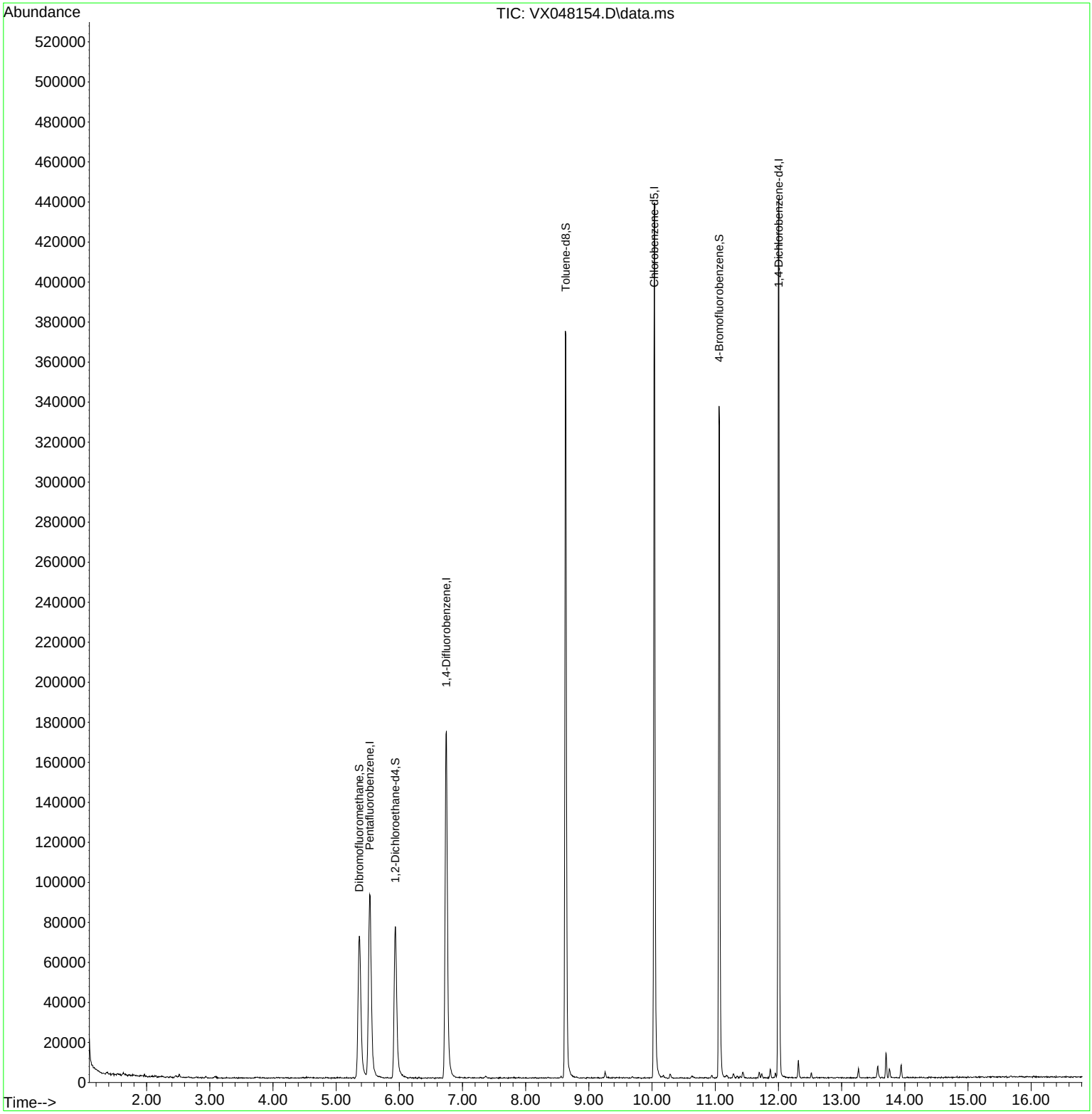
Target Compounds	Qvalue

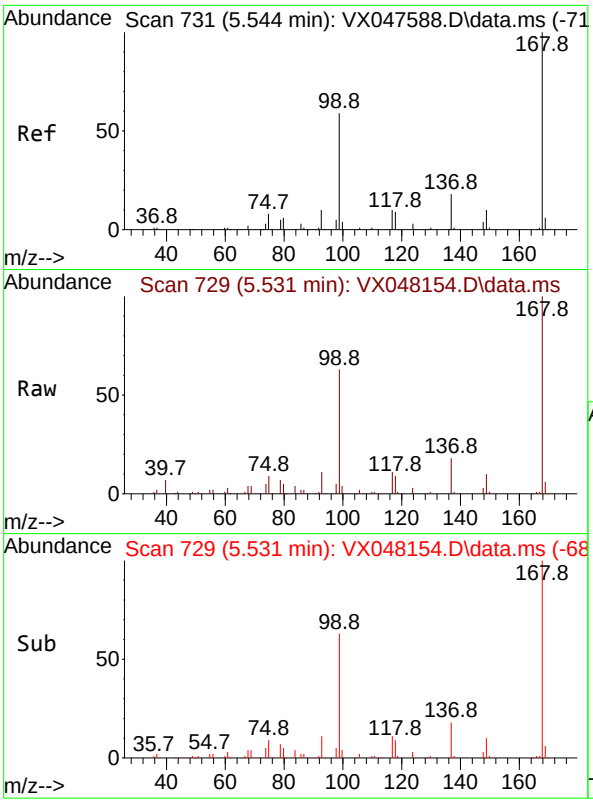
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Time: Oct 15 03:01:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



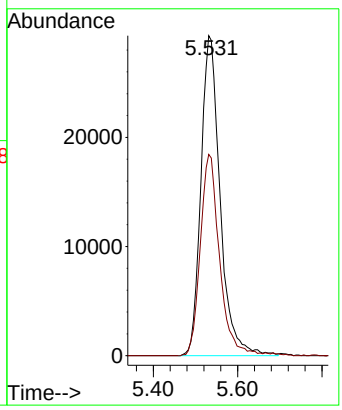


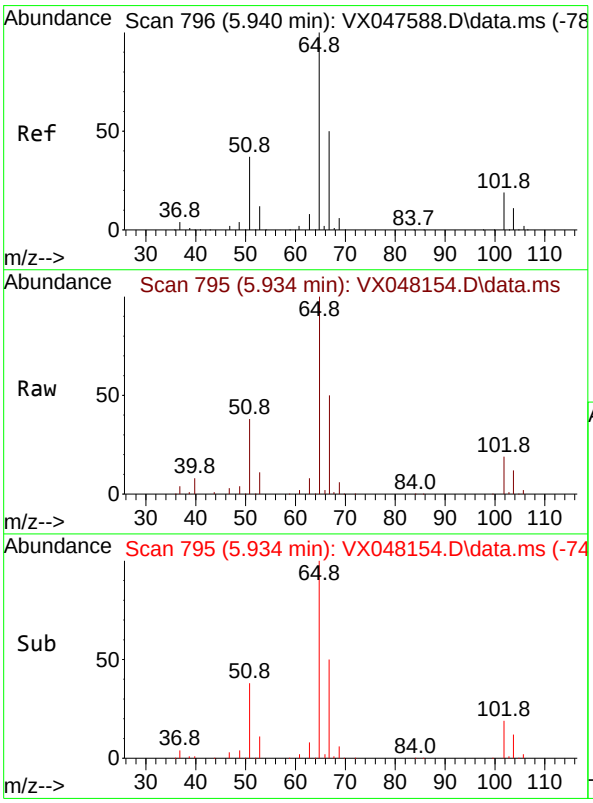
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:168 Resp: 92850

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

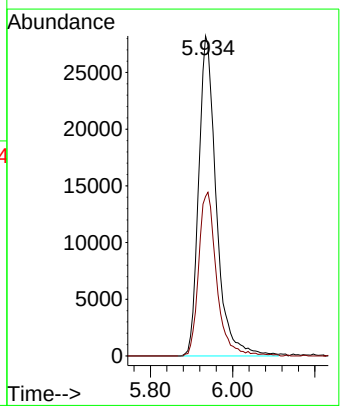


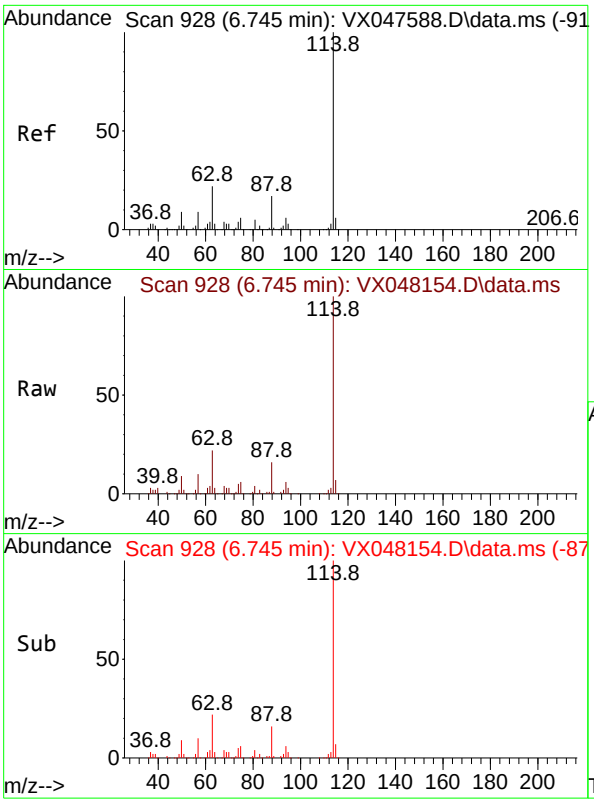


#33
1,2-Dichloroethane-d4
Concen: 56.680 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion: 65 Resp: 83770

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0



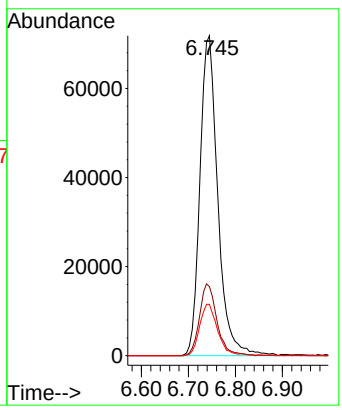


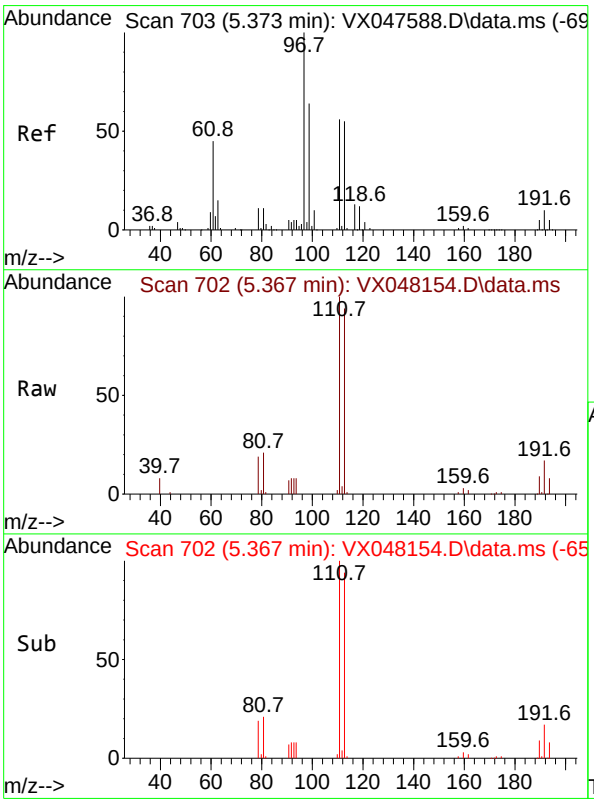
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:114 Resp: 189331

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.0	0.0	34.2

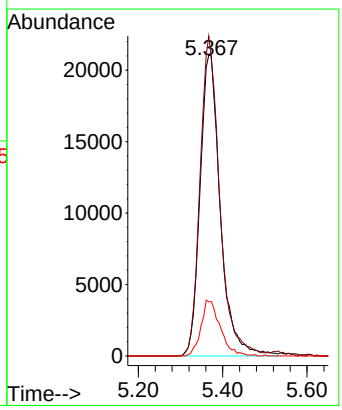


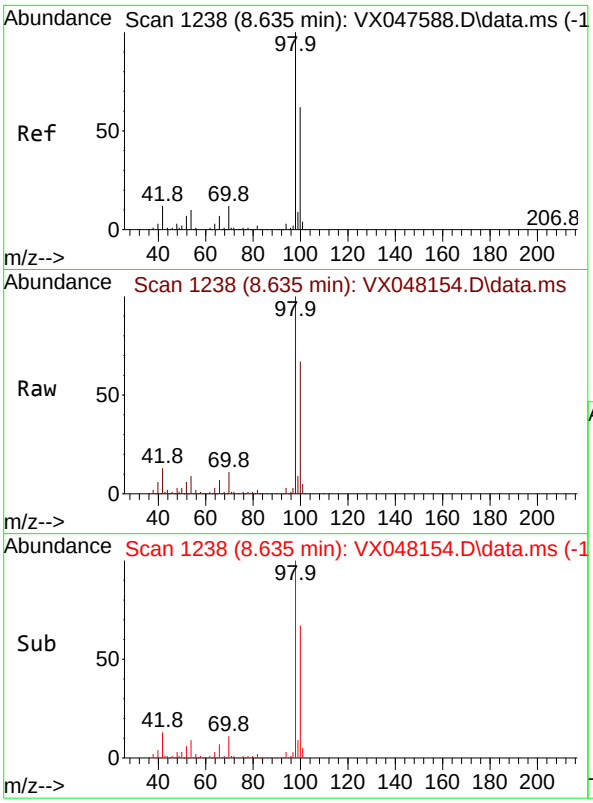


#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion:113 Resp: 70575

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	17.6	14.2	21.4



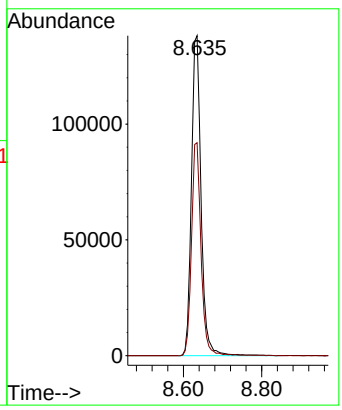


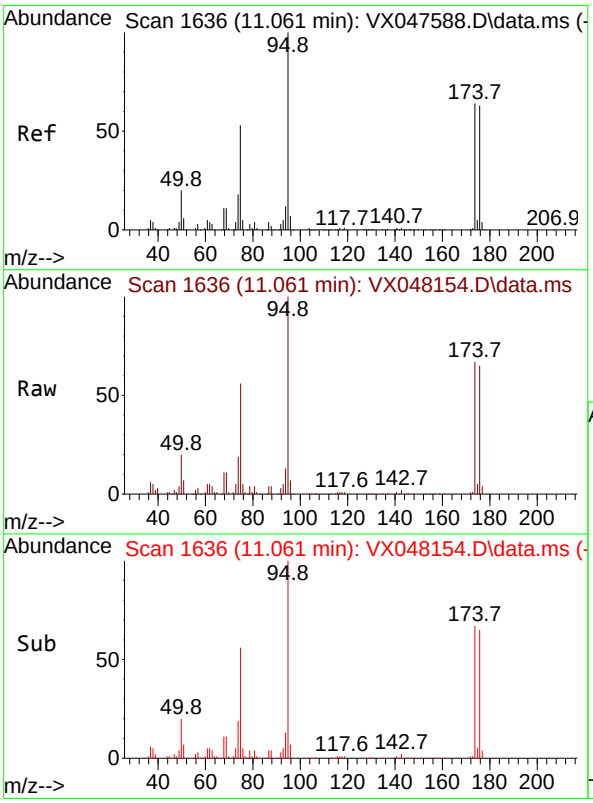
#50
Toluene-d8
Concen: 53.786 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion: 98 Resp: 236315

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

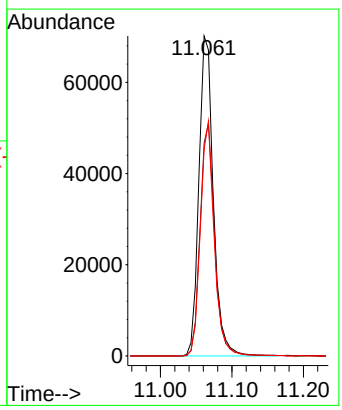


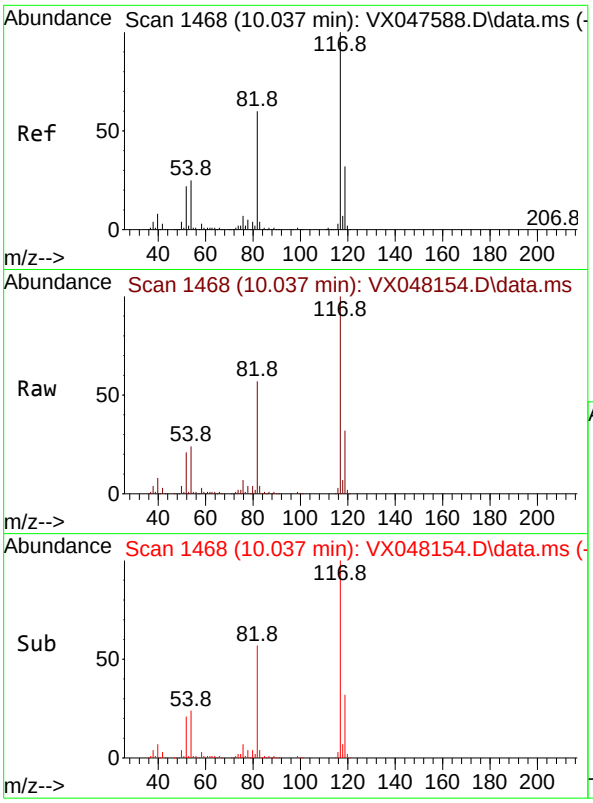


#62
4-Bromofluorobenzene
Concen: 59.020 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion: 95 Resp: 98413

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	141.6
176	70.2	0.0	138.4



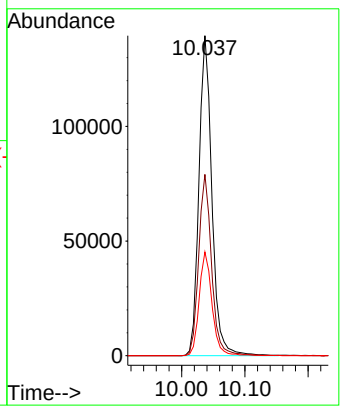


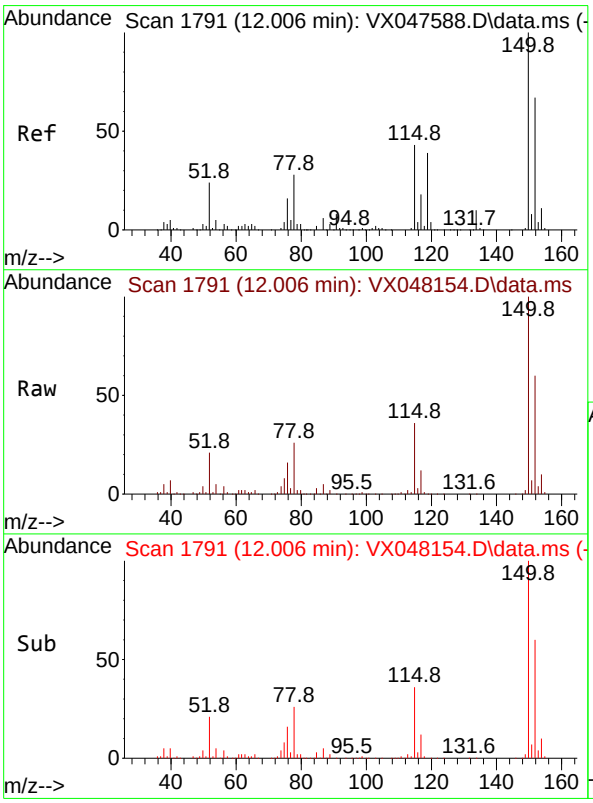
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Tgt Ion:117 Resp: 199229

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	32.4	25.2	37.8

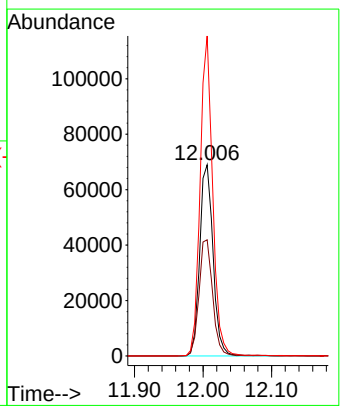




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048154.D
Acq: 14 Oct 2025 10:32

Tgt Ion:152 Resp: 93640

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	156.4	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

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_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048154.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	690	702	719	rBV2	71172	235300	36.59%	6.549%
2	5.531	719	729	750	rVB	91135	287224	44.66%	7.994%
3	5.934	786	795	813	rBV	75568	226077	35.15%	6.292%
4	6.745	917	928	947	rBV	173557	460460	71.60%	12.815%
5	8.628	1230	1237	1253	rBV	373182	643114	100.00%	17.899%
6	10.037	1462	1468	1484	rBV	437241	625576	97.27%	17.411%
7	11.061	1631	1636	1648	rBV	335342	473943	73.70%	13.190%
8	12.006	1785	1791	1804	rBV	438891	595563	92.61%	16.575%
9	12.317	1837	1842	1848	rBV2	8876	11406	1.77%	0.317%
10	13.573	2043	2048	2055	rVB3	5961	9365	1.46%	0.261%
11	13.701	2066	2069	2074	rBV4	12408	16007	2.49%	0.445%
12	13.945	2104	2109	2113	rBV4	6669	9030	1.40%	0.251%

Sum of corrected areas: 3593065

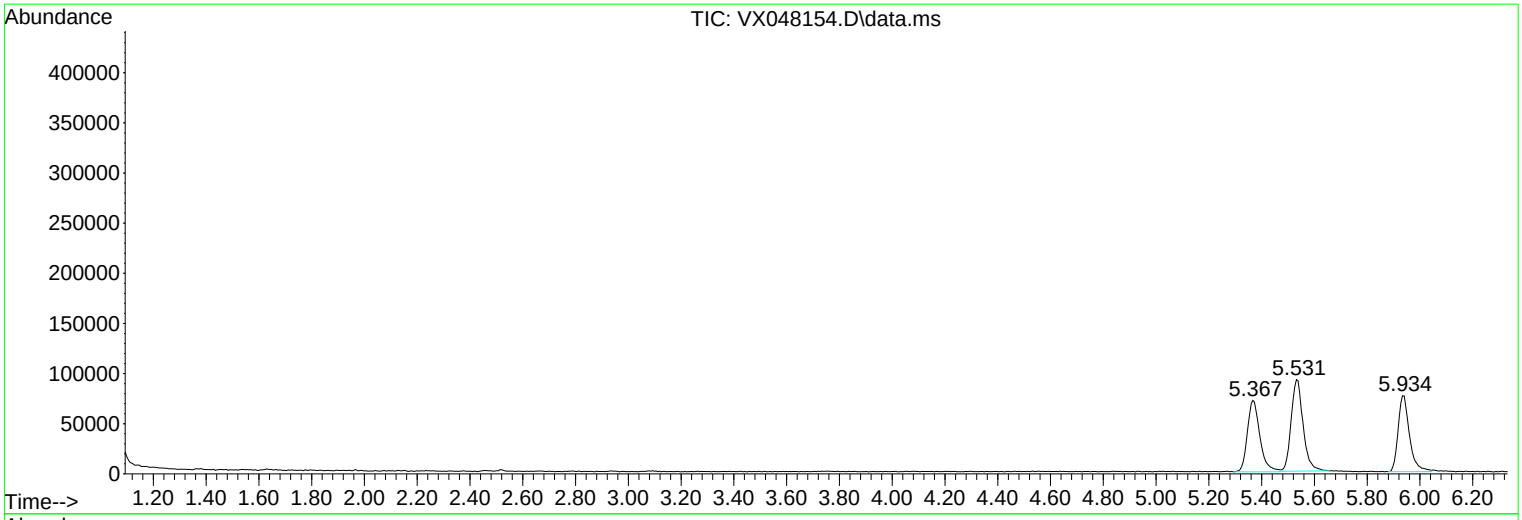
Sample Results: **VX048154.D**

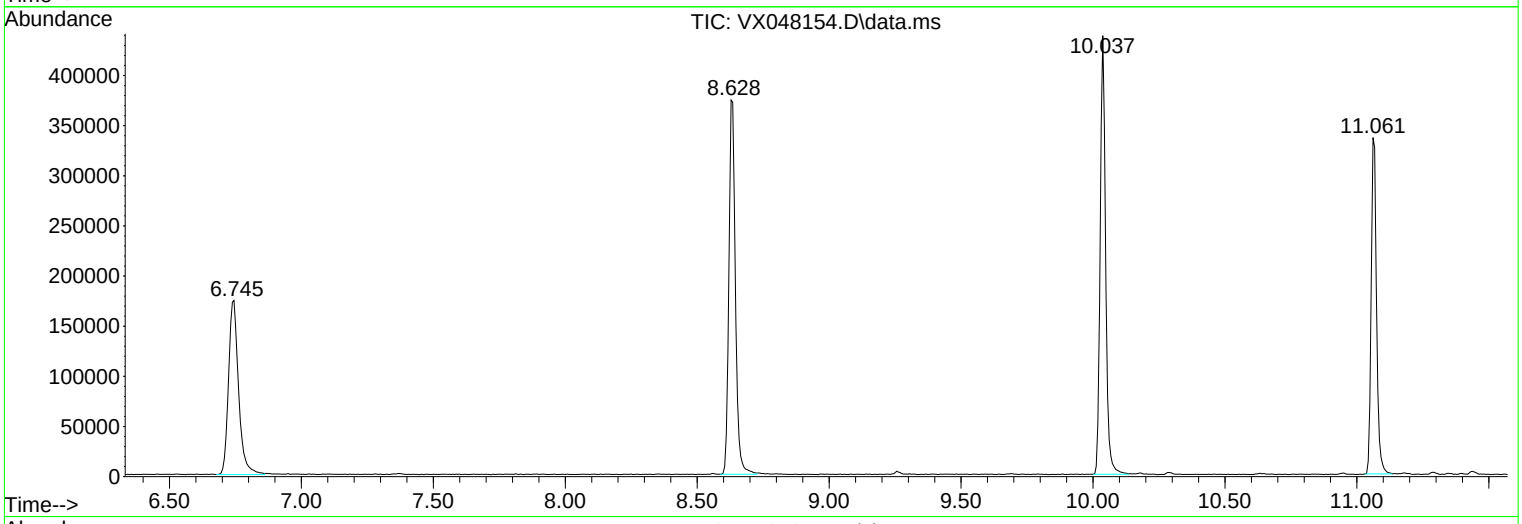
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

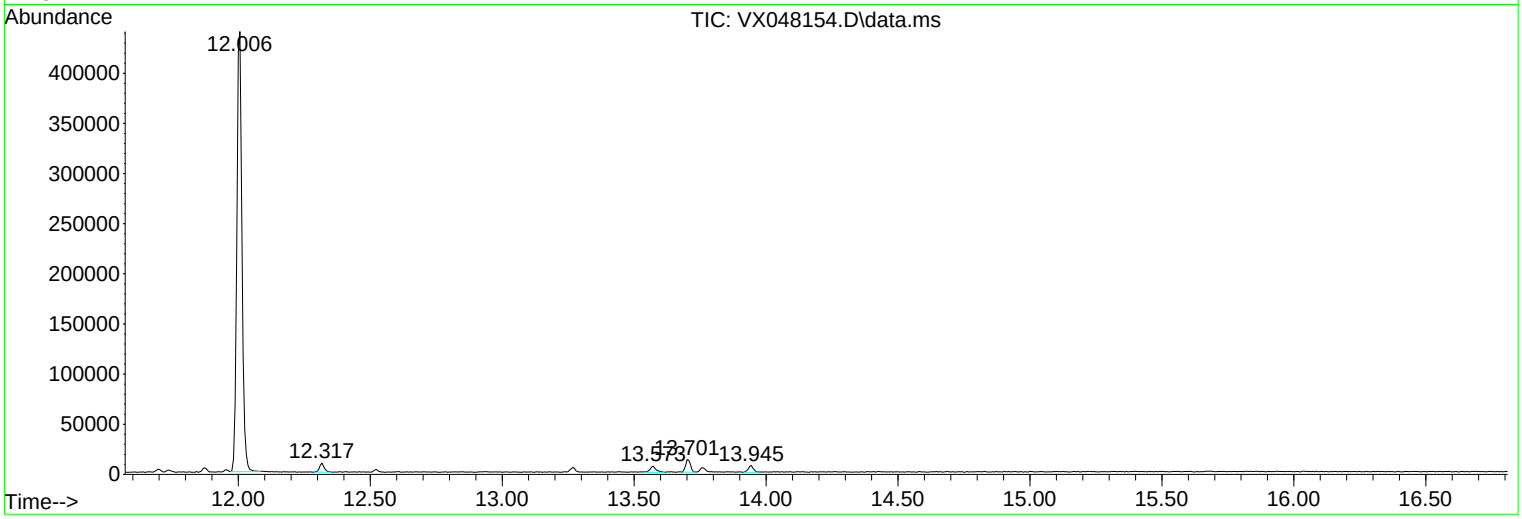
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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_X\Data\VX101425\
Data File : VX048154.D
Acq On : 14 Oct 2025 10:32
Operator : JC/MD
Sample : VX1014MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.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\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Time: Oct 15 03:25:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	564646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	1109577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1120800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	479501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	279949	59.290	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.580%			
35) Dibromofluoromethane	7.640	113	369730	54.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.460%			
50) Toluene-d8	10.109	98	1318326	51.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.407	95	436769	52.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.200%			

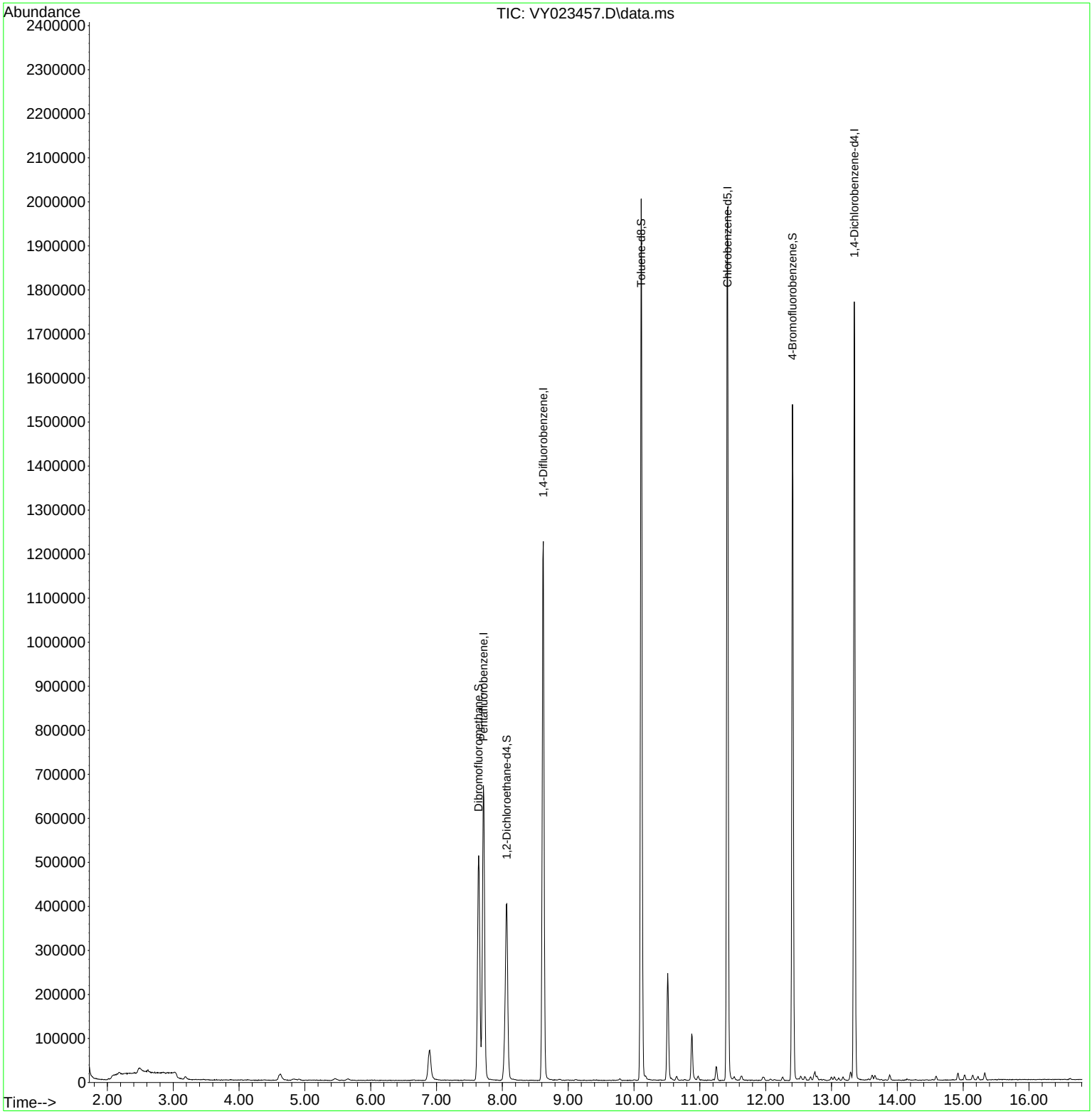
Target Compounds Qvalue

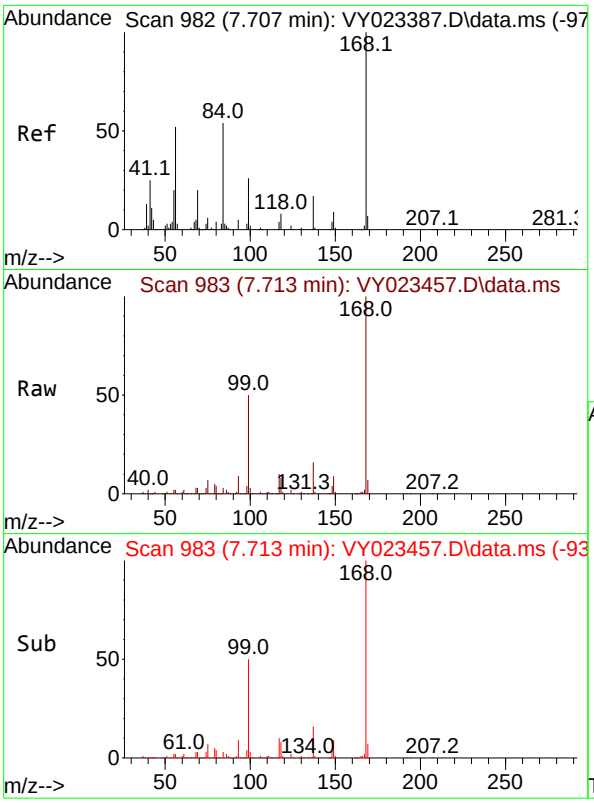
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Time: Oct 15 03:25:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



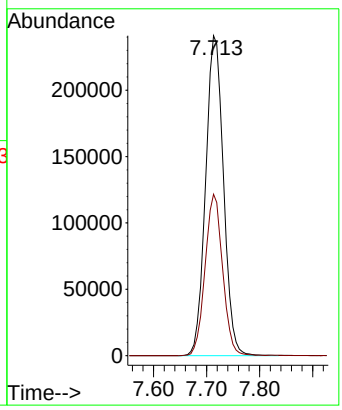


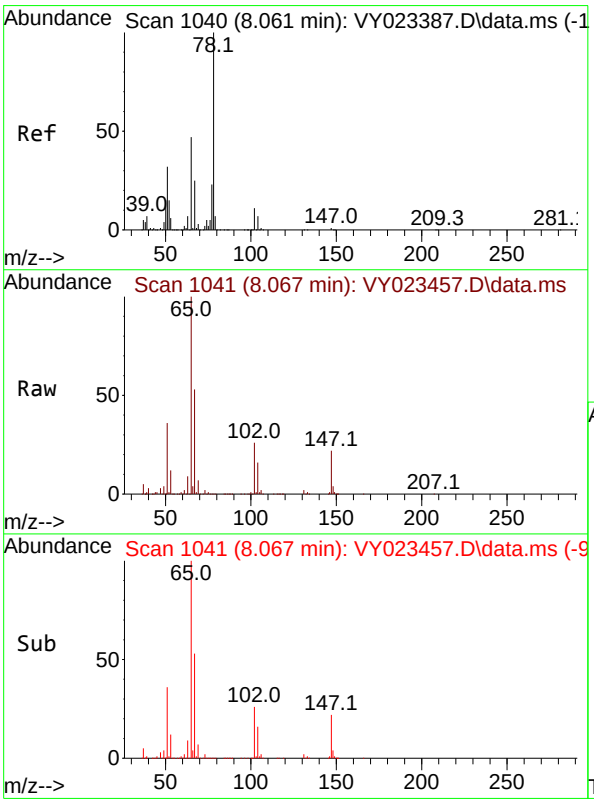
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:168 Resp: 564646

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.7	59.5

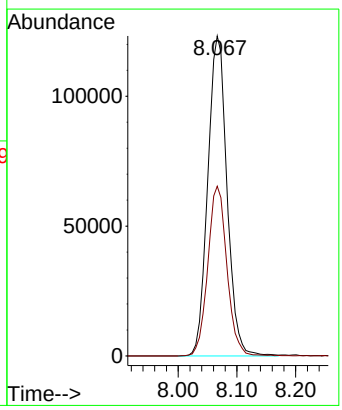


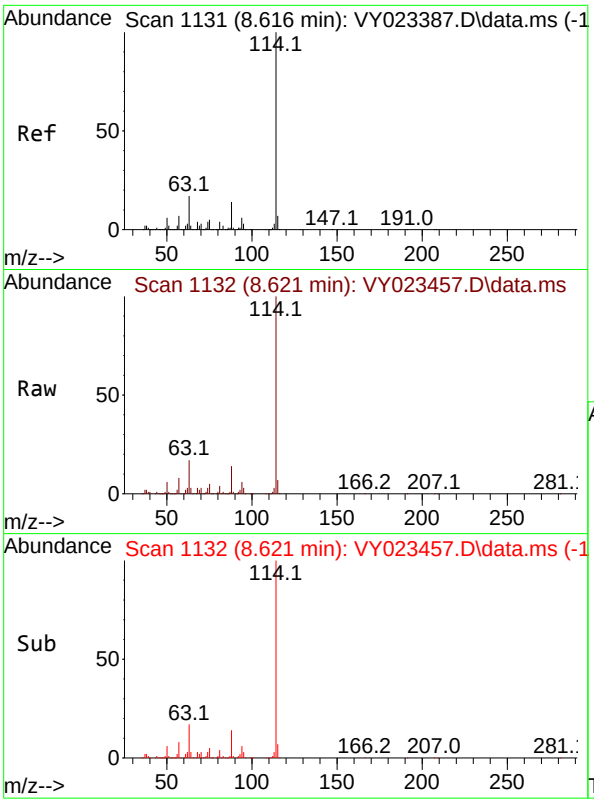


#33
1,2-Dichloroethane-d4
Concen: 59.290 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 65 Resp: 279949

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



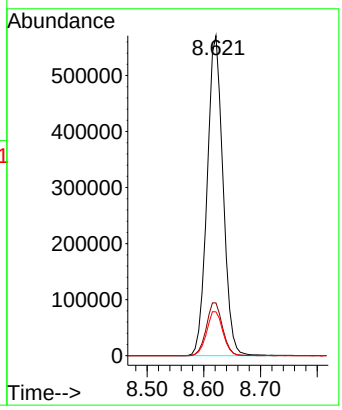


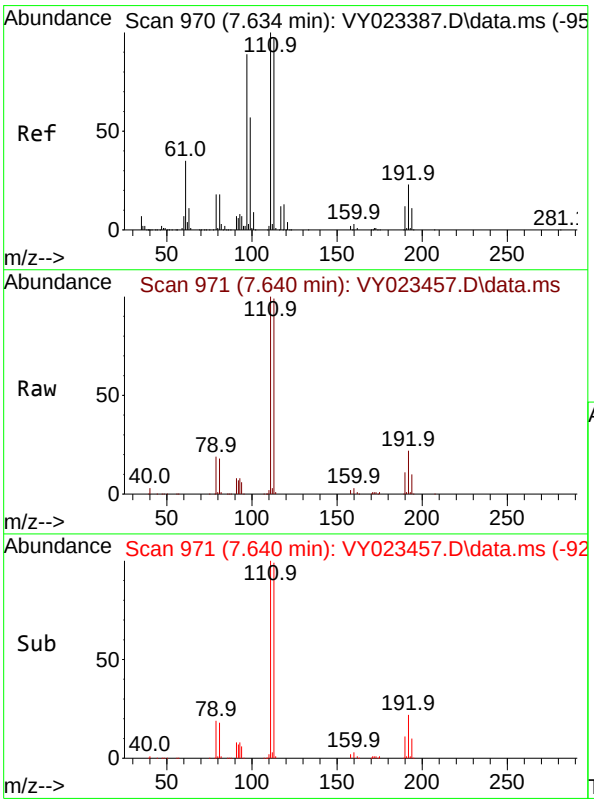
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:114 Resp: 1109577

Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	34.2
88	13.7	0.0	28.4

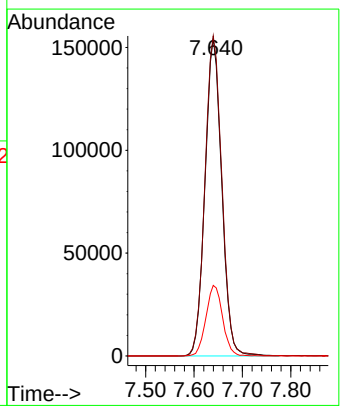


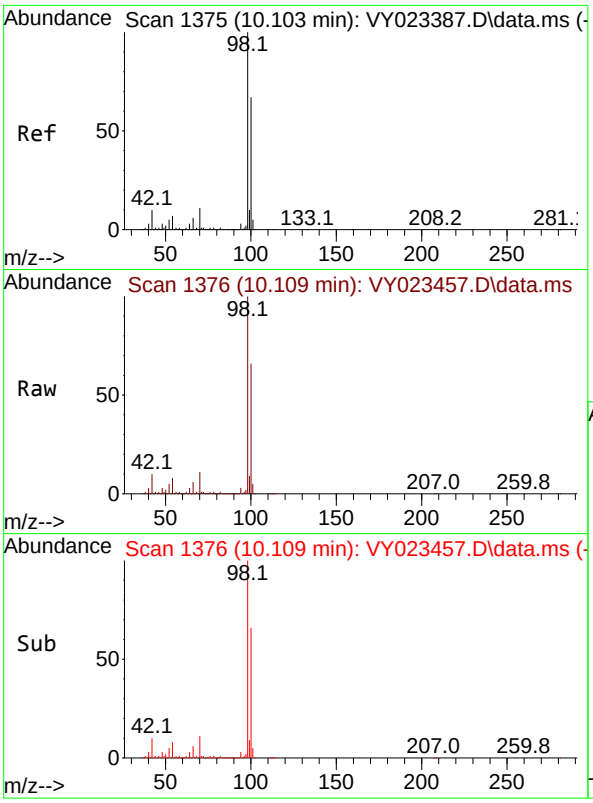


#35
Dibromofluoromethane
Concen: 54.230 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion:113 Resp: 369730

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.2	18.0	27.0



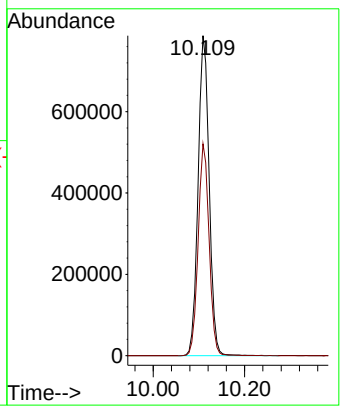


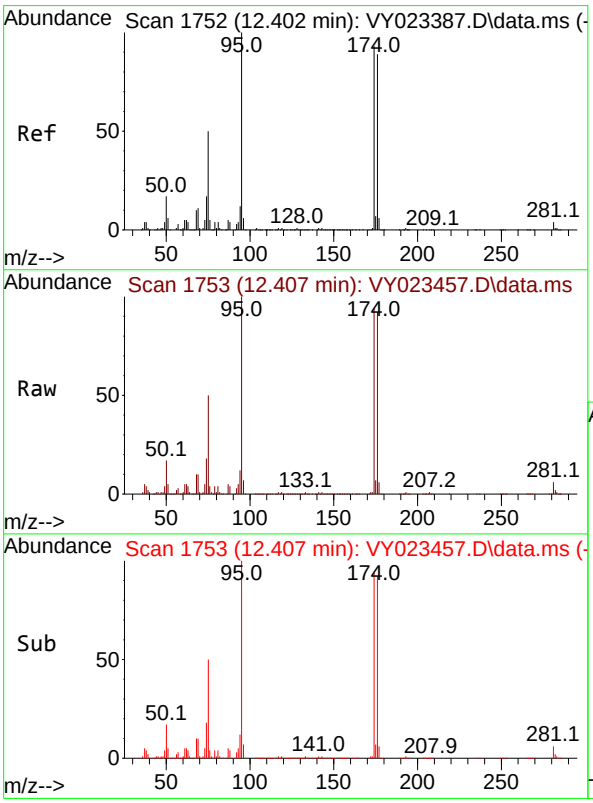
#50
Toluene-d8
Concen: 51.923 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion: 98 Resp: 1318326

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

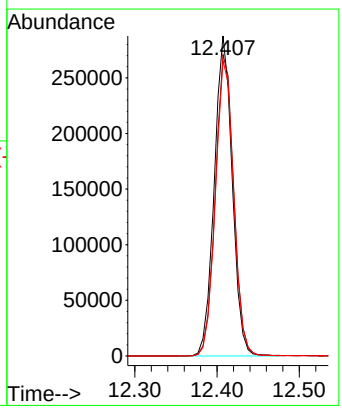


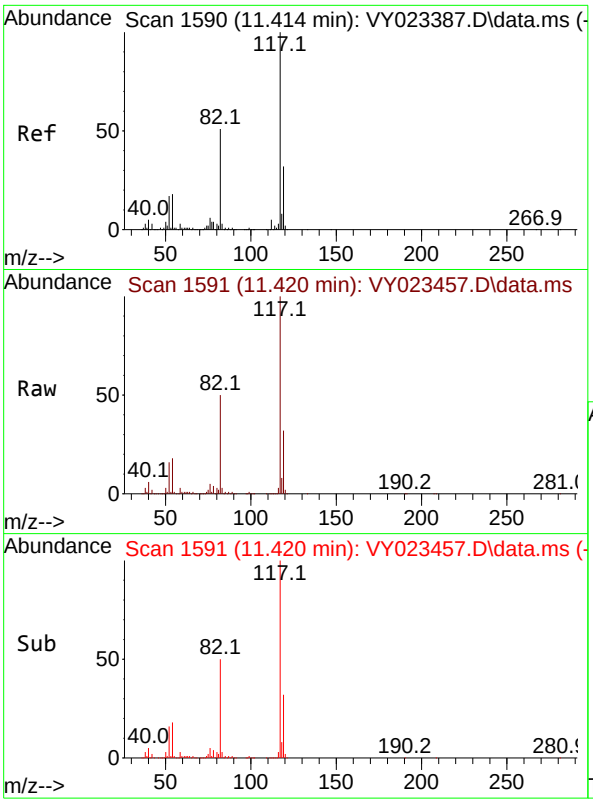


#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion: 95 Resp: 436769

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	192.8
176	93.6	0.0	187.6



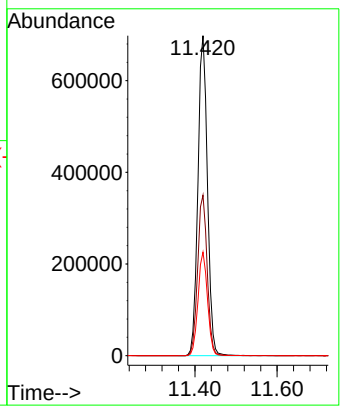


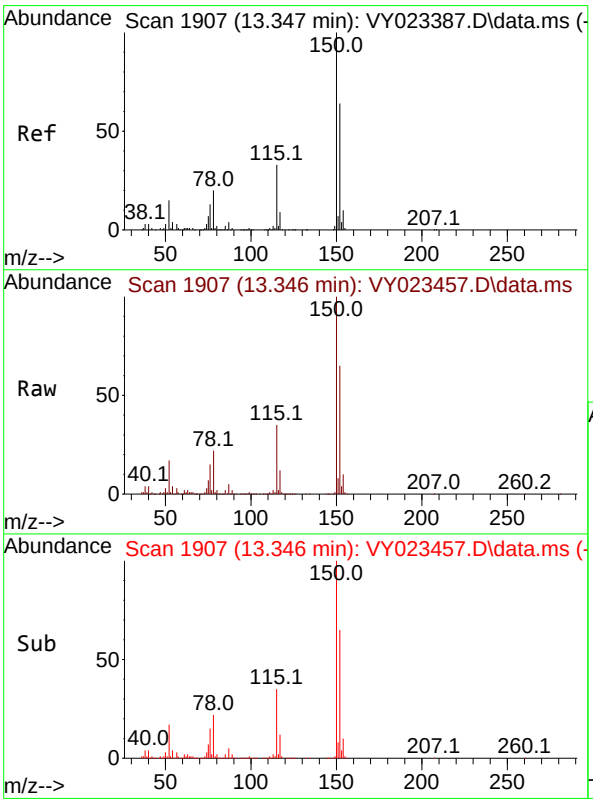
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:117 Resp: 1120800

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.4	25.6	38.4

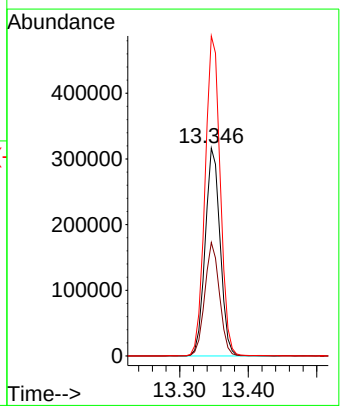




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023457.D
Acq: 14 Oct 2025 11:56

Tgt Ion:152 Resp: 479501

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.1	81.2
150	156.3	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.488	120	126	135	rBV	10134	36907	1.10%	0.194%
2	4.628	467	477	488	rBV4	14159	49126	1.46%	0.258%
3	6.896	837	849	864	rBV2	68672	222900	6.63%	1.170%
4	7.640	959	971	977	rBV	510637	1235628	36.77%	6.485%
5	7.713	977	983	997	rVB	667735	1552338	46.20%	8.148%
6	8.067	1027	1041	1056	rBV2	400186	1095770	32.61%	5.751%
7	8.621	1123	1132	1149	rBV	1224390	2409849	71.72%	12.648%
8	10.109	1368	1376	1386	rBV	2001795	3360146	100.00%	17.636%
9	10.511	1435	1442	1450	rBV	242834	437382	13.02%	2.296%
10	10.877	1493	1502	1514	rBV	105586	189493	5.64%	0.995%
11	11.249	1558	1563	1571	rVB2	31649	57359	1.71%	0.301%
12	11.420	1583	1591	1602	rBV	1983654	3205357	95.39%	16.823%
13	12.407	1744	1753	1765	rBV2	1535813	2458203	73.16%	12.902%
14	12.749	1803	1809	1812	rBV6	18152	35317	1.05%	0.185%
15	13.346	1901	1907	1920	rVB	1766940	2707101	80.56%	14.208%

Sum of corrected areas: 19052876

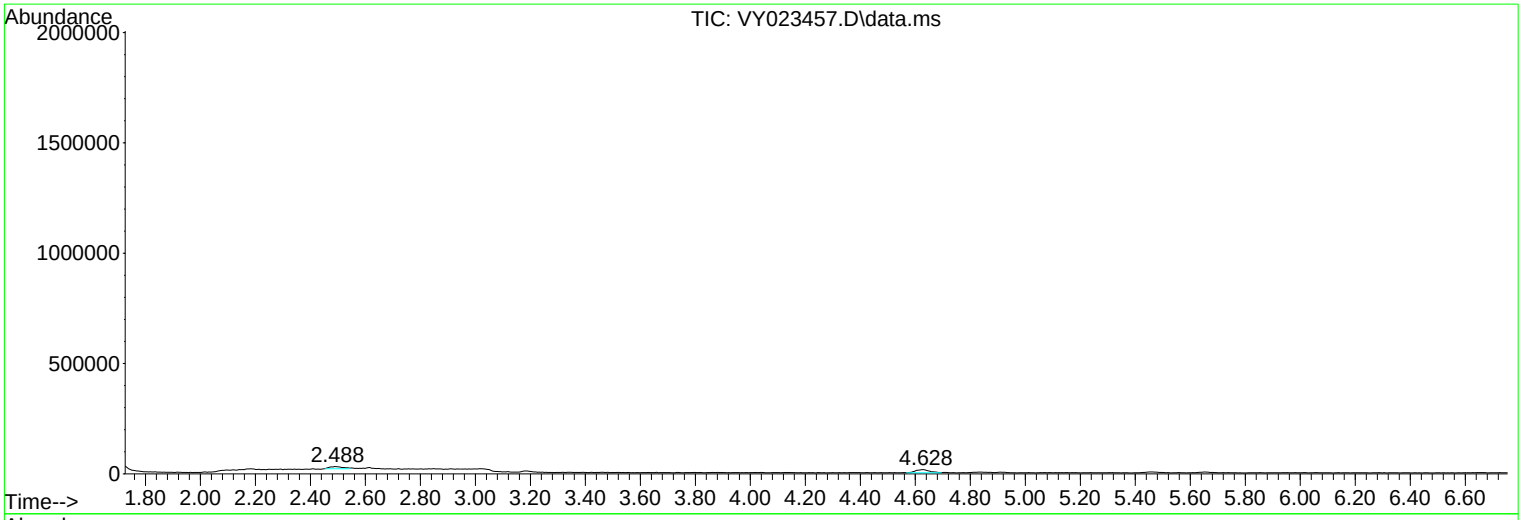
Sample Results: **VY023457.D**

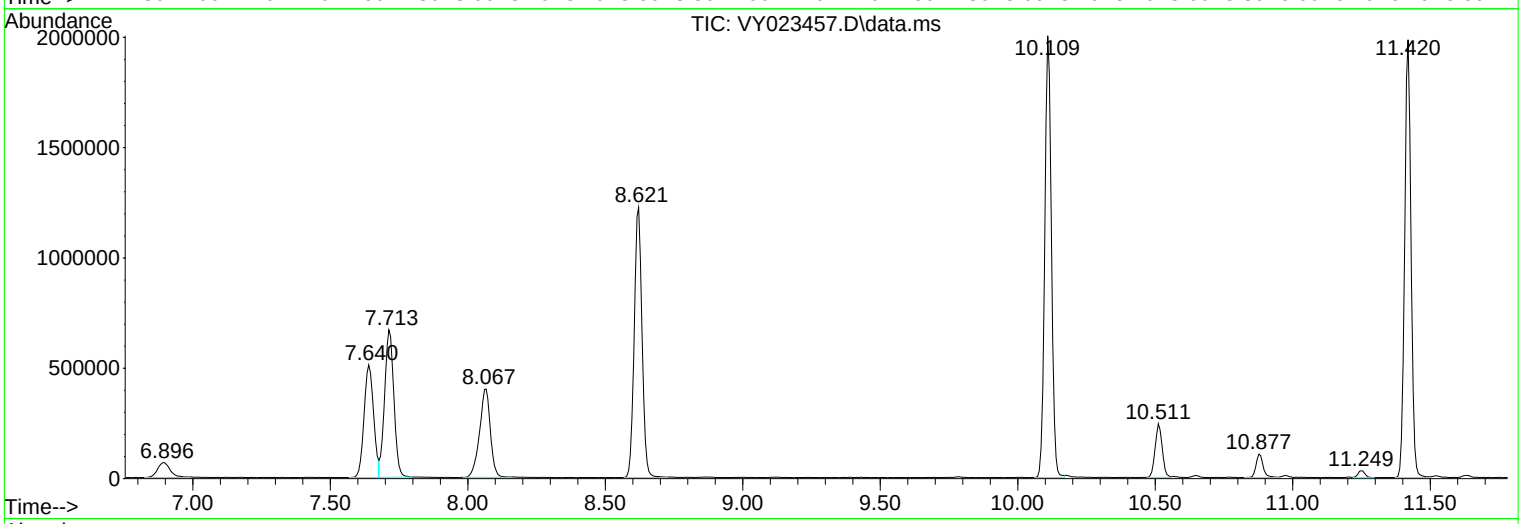
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

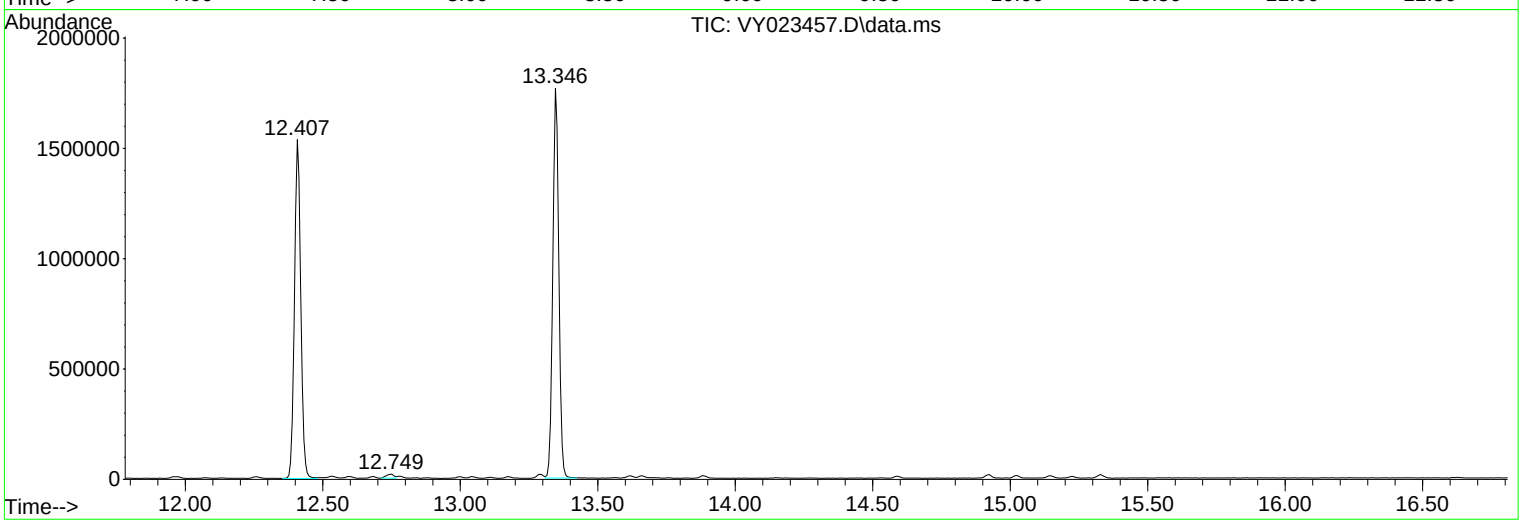
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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\VY101425\
Data File : VY023457.D
Acq On : 14 Oct 2025 11:56
Operator : SY/MD
Sample : VY1014SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	126511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92316	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.680%			
35) Dibromofluoromethane	5.373	113	73154	49.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.260%			
50) Toluene-d8	8.635	98	244866	48.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.061	95	95977	49.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	27908	21.303	ug/l	99
3) Chloromethane	1.301	50	31885	18.519	ug/l	100
4) Vinyl Chloride	1.380	62	34769	20.629	ug/l	99
5) Bromomethane	1.618	94	24527	22.949	ug/l	98
6) Chloroethane	1.697	64	21920	19.459	ug/l	95
7) Trichlorofluoromethane	1.898	101	53806	21.501	ug/l	100
8) Diethyl Ether	2.136	74	18866	18.429	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	31384	21.448	ug/l	98
10) Methyl Iodide	2.459	142	34385	15.067	ug/l	97
11) Tert butyl alcohol	2.941	59	19972	89.051	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	30118	20.037	ug/l	89
13) Acrolein	2.239	56	19883	96.204	ug/l	98
14) Allyl chloride	2.666	41	55043	17.746	ug/l	98
15) Acrylonitrile	3.062	53	76688	92.313	ug/l	99
16) Acetone	2.374	43	64510	73.677	ug/l	99
17) Carbon Disulfide	2.520	76	90131	21.904	ug/l	98
18) Methyl Acetate	2.703	43	32229	16.540	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	97346	17.741	ug/l	98
20) Methylene Chloride	2.788	84	35355	19.076	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	32065	19.815	ug/l	94
22) Diisopropyl ether	3.751	45	115036	19.137	ug/l #	83
23) Vinyl Acetate	3.715	43	429172	89.207	ug/l	99
24) 1,1-Dichloroethane	3.611	63	62871	19.678	ug/l	99
25) 2-Butanone	4.544	43	93339	85.462	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49023	18.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38031	19.190	ug/l	98
28) Bromochloromethane	4.891	49	28786	20.638	ug/l	98
29) Tetrahydrofuran	4.995	42	58301	88.735	ug/l	99
30) Chloroform	5.080	83	65690	20.346	ug/l	99
31) Cyclohexane	5.464	56	53684	20.174	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56411	20.599	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42560	19.762	ug/l	98
37) Ethyl Acetate	4.708	43	40095	17.388	ug/l	96
38) Carbon Tetrachloride	5.672	117	50436	21.554	ug/l	98
39) Methylcyclohexane	7.367	83	49932	20.425	ug/l	98
40) Benzene	6.031	78	131458	20.097	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	21489	18.051	ug/l		98
42) 1,2-Dichloroethane	6.074	62	49904	20.051	ug/l		99
43) Isopropyl Acetate	6.330	43	67455	17.836	ug/l		99
44) Trichloroethene	7.117	130	32622	20.628	ug/l		92
45) 1,2-Dichloropropane	7.415	63	34053	20.331	ug/l		97
46) Dibromomethane	7.568	93	25057	20.558	ug/l		95
47) Bromodichloromethane	7.812	83	50450	20.058	ug/l		99
48) Methyl methacrylate	7.684	41	31065	16.491	ug/l		97
49) 1,4-Dioxane	7.653	88	7740	406.562	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	196290	93.613	ug/l		100
52) Toluene	8.702	92	83633	20.753	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	49230	19.189	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	55331	20.178	ug/l		99
55) 1,1,2-Trichloroethane	9.141	97	32434	20.872	ug/l		95
56) Ethyl methacrylate	9.104	69	44586	18.270	ug/l		98
57) 1,3-Dichloropropane	9.293	76	56011	20.983	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	98240	91.527	ug/l		99
59) 2-Hexanone	9.415	43	137472	91.286	ug/l		98
60) Dibromochloromethane	9.506	129	39107	21.842	ug/l		98
61) 1,2-Dibromoethane	9.592	107	33037	20.873	ug/l		100
64) Tetrachloroethene	9.256	164	29539	22.264	ug/l		97
65) Chlorobenzene	10.061	112	91997	19.897	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32320	20.257	ug/l		99
67) Ethyl Benzene	10.177	91	153079	19.188	ug/l		99
68) m/p-Xylenes	10.287	106	118811	40.012	ug/l		100
69) o-Xylene	10.628	106	56123	19.541	ug/l		98
70) Styrene	10.640	104	97163	19.307	ug/l		98
71) Bromoform	10.781	173	25312	21.247	ug/l	#	98
73) Isopropylbenzene	10.945	105	146182	18.198	ug/l		100
74) N-amyl acetate	10.829	43	57919	15.812	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43407	17.861	ug/l		98
76) 1,2,3-Trichloropropane	11.226	75	41619m	19.455	ug/l		
77) Bromobenzene	11.183	156	35809	18.100	ug/l		98
78) n-propylbenzene	11.287	91	175875	18.521	ug/l		100
79) 2-Chlorotoluene	11.348	91	104969	18.048	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	121183	18.362	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	12751	15.200	ug/l		97
82) 4-Chlorotoluene	11.439	91	125056	18.206	ug/l		99
83) tert-Butylbenzene	11.695	119	119442	17.680	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	122592	18.322	ug/l		99
85) sec-Butylbenzene	11.872	105	148893	18.554	ug/l		99
86) p-Isopropyltoluene	11.994	119	123278	18.146	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	66519	18.102	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	68575	18.182	ug/l		98
89) n-Butylbenzene	12.317	91	114994	18.293	ug/l		98
90) Hexachloroethane	12.518	117	24926	20.898	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	64083	18.304	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8441	17.155	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	38226	16.800	ug/l		98
94) Hexachlorobutadiene	13.707	225	15227	19.702	ug/l		99
95) Naphthalene	13.756	128	108064	15.597	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	35888	16.956	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

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

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

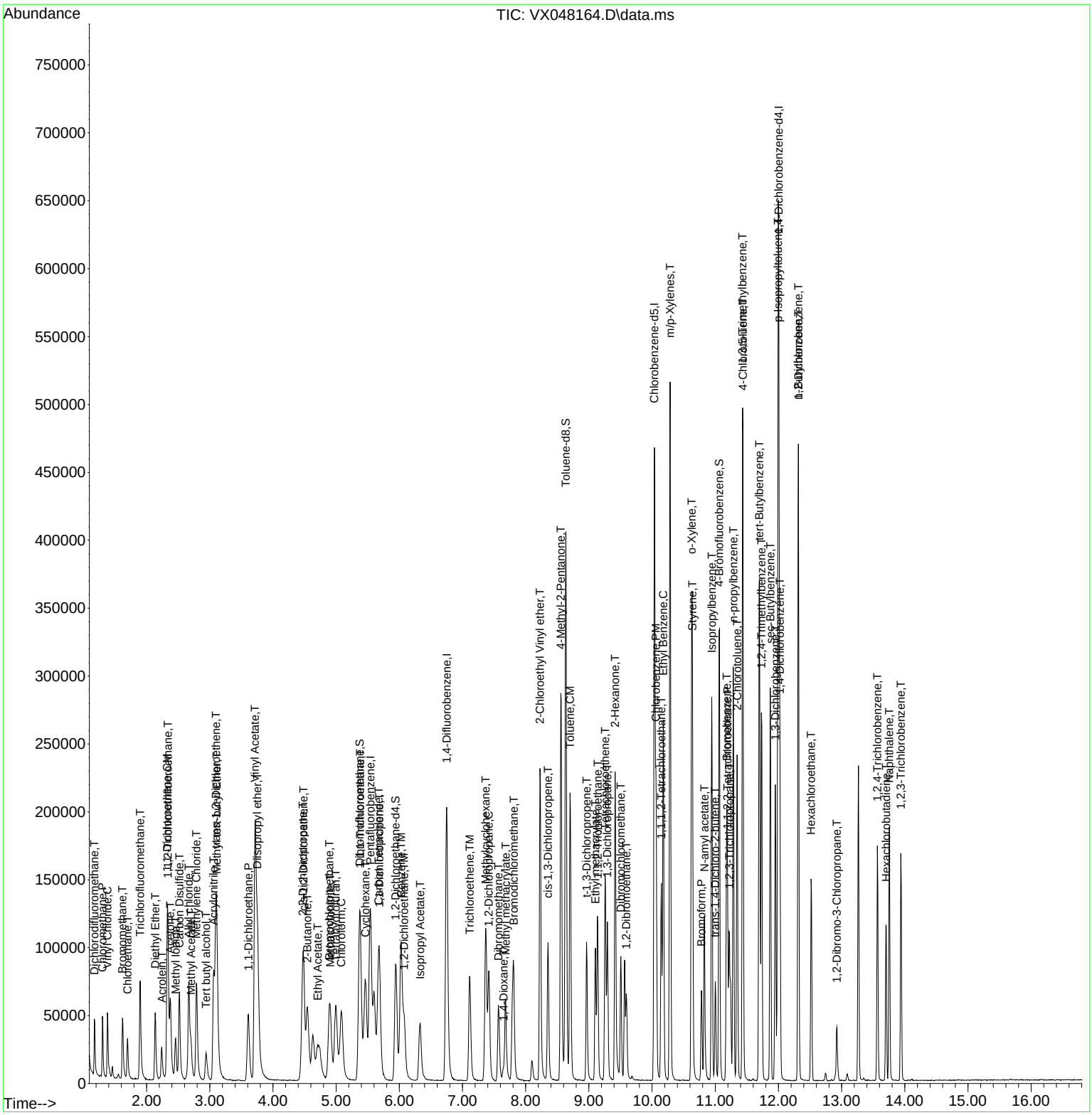
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048164.D
Acq On : 14 Oct 2025 14:31
Operator : JC/MD
Sample : VX1014MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 15 02:45:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	531866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	775568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	681796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	205302	46.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.320%			
35) Dibromofluoromethane	7.640	113	233146	48.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.840%			
50) Toluene-d8	10.109	98	874418	49.271	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.408	95	272187	46.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	81753	21.355	ug/l	99
3) Chloromethane	2.074	50	105426	20.215	ug/l	98
4) Vinyl Chloride	2.208	62	137299	20.213	ug/l	98
5) Bromomethane	2.598	94	119704	20.999	ug/l	98
6) Chloroethane	2.739	64	97209	20.994	ug/l	100
7) Trichlorofluoromethane	3.056	101	190876	20.238	ug/l	97
8) Diethyl Ether	3.458	74	44496	18.055	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	102081	20.858	ug/l	99
10) Methyl Iodide	4.007	142	101843	18.692	ug/l	99
11) Tert butyl alcohol	4.854	59	27690	83.688	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	95039	20.032	ug/l	94
13) Acrolein	3.659	56	31146	66.618	ug/l	98
14) Allyl chloride	4.385	41	110873	19.175	ug/l	98
15) Acrylonitrile	5.061	53	83029	88.033	ug/l	100
16) Acetone	3.873	43	126884	119.835	ug/l	98
17) Carbon Disulfide	4.110	76	276041	20.329	ug/l	99
18) Methyl Acetate	4.391	43	40389	14.541	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	203201	17.820	ug/l	100
20) Methylene Chloride	4.616	84	109997	19.212	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	106974	20.480	ug/l	94
22) Diisopropyl ether	6.025	45	250156	19.559	ug/l	96
23) Vinyl Acetate	5.964	43	642693	92.837	ug/l	98
24) 1,1-Dichloroethane	5.921	63	174934	20.648	ug/l	98
25) 2-Butanone	6.896	43	130709	101.117	ug/l	94
26) 2,2-Dichloropropane	6.890	77	162480	20.901	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	120168	19.916	ug/l	99
28) Bromochloromethane	7.250	49	64471	20.385	ug/l	97
29) Tetrahydrofuran	7.268	42	60529	82.574	ug/l	98
30) Chloroform	7.427	83	192163	20.645	ug/l	99
31) Cyclohexane	7.707	56	142556	19.268	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	174548	20.635	ug/l	100
36) 1,1-Dichloropropene	7.841	75	129434	20.516	ug/l	99
37) Ethyl Acetate	6.988	43	45608	18.247	ug/l	98
38) Carbon Tetrachloride	7.823	117	161260	21.080	ug/l	98
39) Methylcyclohexane	9.115	83	162294	19.757	ug/l	98
40) Benzene	8.085	78	414247	20.733	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	26229m	19.403	ug/l		
42) 1,2-Dichloroethane	8.158	62	100669	19.536	ug/l		99
43) Isopropyl Acetate	8.201	43	85853	17.226	ug/l		99
44) Trichloroethene	8.866	130	121064	20.702	ug/l		95
45) 1,2-Dichloropropane	9.146	63	90566	20.522	ug/l		97
46) Dibromomethane	9.237	93	54495	19.528	ug/l		98
47) Bromodichloromethane	9.426	83	141692	20.161	ug/l		99
48) Methyl methacrylate	9.225	41	38689	16.524	ug/l		94
49) 1,4-Dioxane	9.225	88	10651	329.197	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	223605	86.835	ug/l		98
52) Toluene	10.170	92	266643	20.554	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	118025	19.313	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	143895	19.951	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	73249	19.520	ug/l		94
56) Ethyl methacrylate	10.438	69	75043	17.336	ug/l		98
57) 1,3-Dichloropropane	10.719	76	116342	19.565	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	165771	85.487	ug/l		99
59) 2-Hexanone	10.762	43	177961	96.705	ug/l		98
60) Dibromochloromethane	10.914	129	105303	20.015	ug/l		100
61) 1,2-Dibromoethane	11.018	107	67050	18.735	ug/l		98
64) Tetrachloroethene	10.646	164	145052	20.604	ug/l		97
65) Chlorobenzene	11.444	112	299766	20.215	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	107802	20.401	ug/l		99
67) Ethyl Benzene	11.517	91	478469	19.934	ug/l		99
68) m/p-Xylenes	11.633	106	392394	40.757	ug/l		99
69) o-Xylene	11.956	106	176540	19.549	ug/l		99
70) Styrene	11.969	104	299261	20.152	ug/l		100
71) Bromoform	12.133	173	62280	19.001	ug/l	#	100
73) Isopropylbenzene	12.255	105	468838	19.878	ug/l		99
74) N-amyl acetate	12.072	43	69522	16.411	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	70271	18.216	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	57073m	18.075	ug/l		
77) Bromobenzene	12.530	156	120367	19.197	ug/l		99
78) n-propylbenzene	12.597	91	556336	20.384	ug/l		99
79) 2-Chlorotoluene	12.682	91	319288	19.977	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	389505	20.437	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	23267	18.069	ug/l		98
82) 4-Chlorotoluene	12.779	91	333116	20.237	ug/l		100
83) tert-Butylbenzene	12.999	119	350325	19.908	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	387734	20.385	ug/l		99
85) sec-Butylbenzene	13.176	105	519262	20.571	ug/l		99
86) p-Isopropyltoluene	13.292	119	437290	20.346	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	243530	19.945	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	237215	19.671	ug/l		99
89) n-Butylbenzene	13.621	91	368348	19.669	ug/l		99
90) Hexachloroethane	13.877	117	95745	20.712	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	208397	19.468	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10675	16.865	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	116190	17.410	ug/l		99
94) Hexachlorobutadiene	15.023	225	81091	19.493	ug/l		99
95) Naphthalene	15.145	128	154221	14.512	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97472	16.862	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

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

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

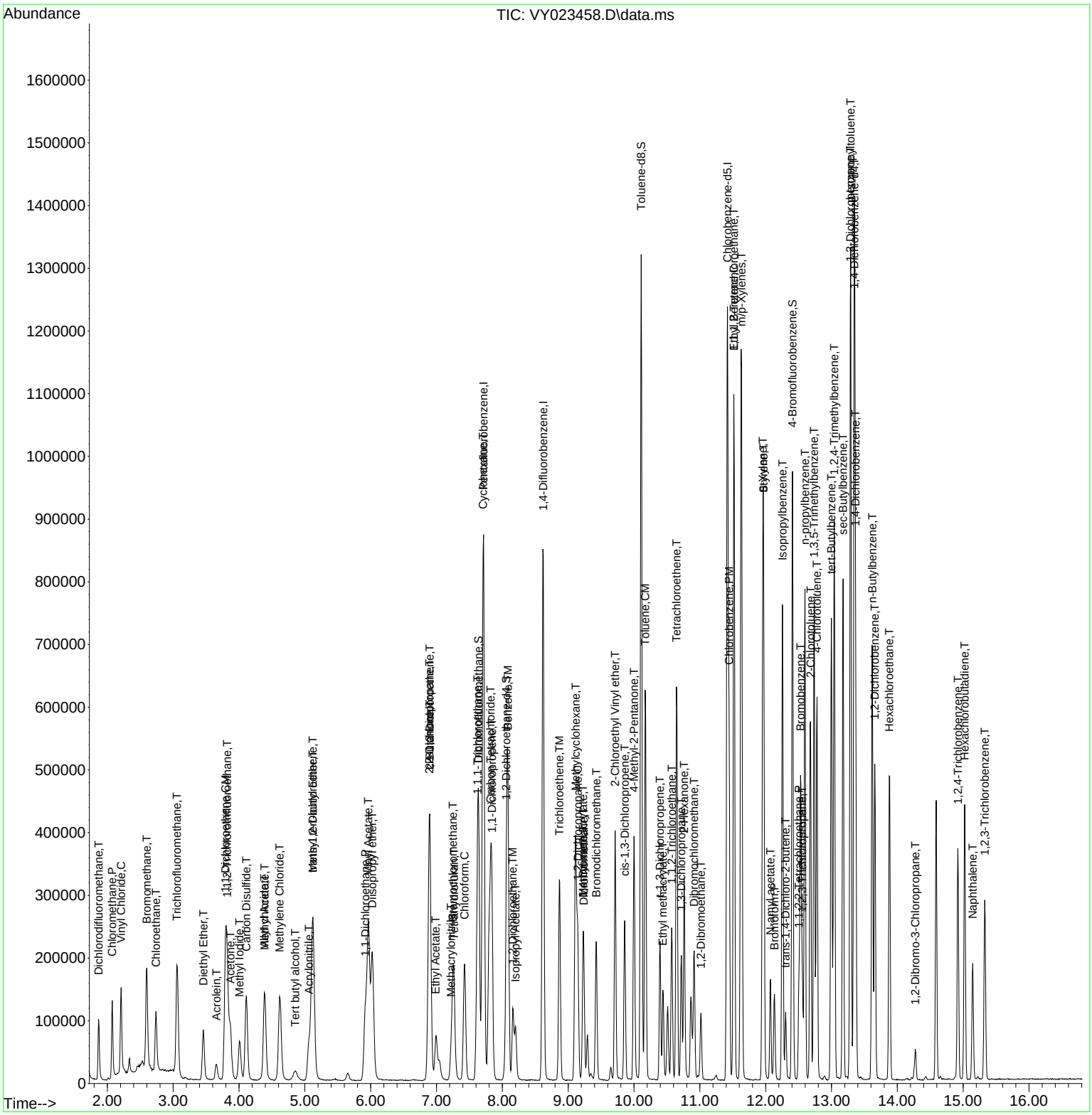
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023458.D
Acq On : 14 Oct 2025 12:26
Operator : SY/MD
Sample : VY1014SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 15 03:25:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	517858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	759118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	200056	46.198	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.400%			
35) Dibromofluoromethane	7.640	113	229270	49.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.300%			
50) Toluene-d8	10.109	98	856206	49.290	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.408	95	268010	46.733	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	78318	21.011	ug/l	98
3) Chloromethane	2.074	50	103193	20.322	ug/l	97
4) Vinyl Chloride	2.208	62	133235	20.145	ug/l	100
5) Bromomethane	2.598	94	114719	20.669	ug/l	97
6) Chloroethane	2.739	64	92706	20.563	ug/l	99
7) Trichlorofluoromethane	3.062	101	183953	20.032	ug/l	98
8) Diethyl Ether	3.458	74	44899	18.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	98755	20.724	ug/l	99
10) Methyl Iodide	4.013	142	107242	20.215	ug/l	99
11) Tert butyl alcohol	4.854	59	25679	79.710	ug/l	98
12) 1,1-Dichloroethene	3.799	96	91657	19.842	ug/l	98
13) Acrolein	3.659	56	30296	66.553	ug/l	100
14) Allyl chloride	4.385	41	108734	19.314	ug/l	97
15) Acrylonitrile	5.061	53	81275	88.505	ug/l	100
16) Acetone	3.866	43	121300	117.660	ug/l	99
17) Carbon Disulfide	4.110	76	268877	20.337	ug/l	99
18) Methyl Acetate	4.391	43	42349	15.660	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	199016	17.925	ug/l	97
20) Methylene Chloride	4.622	84	108519	19.466	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	104310	20.510	ug/l	98
22) Diisopropyl ether	6.031	45	247705	19.891	ug/l	97
23) Vinyl Acetate	5.964	43	630348	93.517	ug/l	99
24) 1,1-Dichloroethane	5.921	63	171213	20.756	ug/l	99
25) 2-Butanone	6.896	43	124515	98.931	ug/l	94
26) 2,2-Dichloropropane	6.890	77	157418	20.797	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	119003	20.257	ug/l	99
28) Bromochloromethane	7.250	49	63641	20.666	ug/l	99
29) Tetrahydrofuran	7.268	42	58790	82.372	ug/l	99
30) Chloroform	7.427	83	190324	21.000	ug/l	99
31) Cyclohexane	7.707	56	135945	18.872	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	172371	20.929	ug/l	100
36) 1,1-Dichloropropene	7.841	75	126310	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	44361	18.133	ug/l	97
38) Carbon Tetrachloride	7.823	117	157808	21.075	ug/l	98
39) Methylcyclohexane	9.109	83	152615	18.981	ug/l	97
40) Benzene	8.085	78	407431	20.834	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	22459	16.974	ug/l		95
42) 1,2-Dichloroethane	8.164	62	99914	19.810	ug/l		100
43) Isopropyl Acetate	8.201	43	83017	17.018	ug/l		99
44) Trichloroethene	8.866	130	116408	20.337	ug/l		100
45) 1,2-Dichloropropane	9.146	63	88036	20.381	ug/l		97
46) Dibromomethane	9.231	93	53570	19.613	ug/l		98
47) Bromodichloromethane	9.426	83	142117	20.659	ug/l		98
48) Methyl methacrylate	9.225	41	39390	17.188	ug/l		97
49) 1,4-Dioxane	9.231	88	10866	343.120	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	213668	84.774	ug/l		98
52) Toluene	10.170	92	265219	20.887	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	114994	19.225	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	141658	20.066	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	72278	19.678	ug/l		94
56) Ethyl methacrylate	10.438	69	72999	17.229	ug/l		98
57) 1,3-Dichloropropane	10.719	76	113725	19.539	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	163038	85.900	ug/l		99
59) 2-Hexanone	10.762	43	166759	92.582	ug/l		100
60) Dibromochloromethane	10.914	129	103837	20.164	ug/l		99
61) 1,2-Dibromoethane	11.018	107	68920	19.675	ug/l		96
64) Tetrachloroethene	10.646	164	140307	20.522	ug/l		97
65) Chlorobenzene	11.444	112	295383	20.511	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106581	20.768	ug/l		100
67) Ethyl Benzene	11.518	91	469622	20.146	ug/l		100
68) m/p-Xylenes	11.627	106	383041	40.966	ug/l		99
69) o-Xylene	11.956	106	175260	19.984	ug/l		100
70) Styrene	11.969	104	295645	20.499	ug/l		100
71) Bromoform	12.133	173	61868	19.435	ug/l	#	99
73) Isopropylbenzene	12.255	105	459589	20.230	ug/l		99
74) N-amyl acetate	12.072	43	68107	16.690	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	69130	18.604	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	54695m	17.983	ug/l		
77) Bromobenzene	12.530	156	120331	19.923	ug/l		99
78) n-propylbenzene	12.597	91	540264	20.550	ug/l		100
79) 2-Chlorotoluene	12.682	91	311862	20.257	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	379470	20.670	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	22978	18.526	ug/l		97
82) 4-Chlorotoluene	12.779	91	325484	20.528	ug/l		100
83) tert-Butylbenzene	12.999	119	337311	19.900	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	377183	20.587	ug/l		99
85) sec-Butylbenzene	13.176	105	495374	20.373	ug/l		100
86) p-Isopropyltoluene	13.292	119	420809	20.327	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	237294	20.176	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	230573	19.850	ug/l		98
89) n-Butylbenzene	13.615	91	355030	19.681	ug/l		99
90) Hexachloroethane	13.877	117	93227	20.937	ug/l		96
91) 1,2-Dichlorobenzene	13.657	146	204984	19.879	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10581	17.355	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	116389	18.105	ug/l		99
94) Hexachlorobutadiene	15.023	225	81076	20.233	ug/l		99
95) Naphthalene	15.145	128	154485	15.092	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	97618	17.532	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025

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\VY101425\
Data File : VY023459.D
Acq On : 14 Oct 2025 12:49
Operator : SY/MD
Sample : VY1014SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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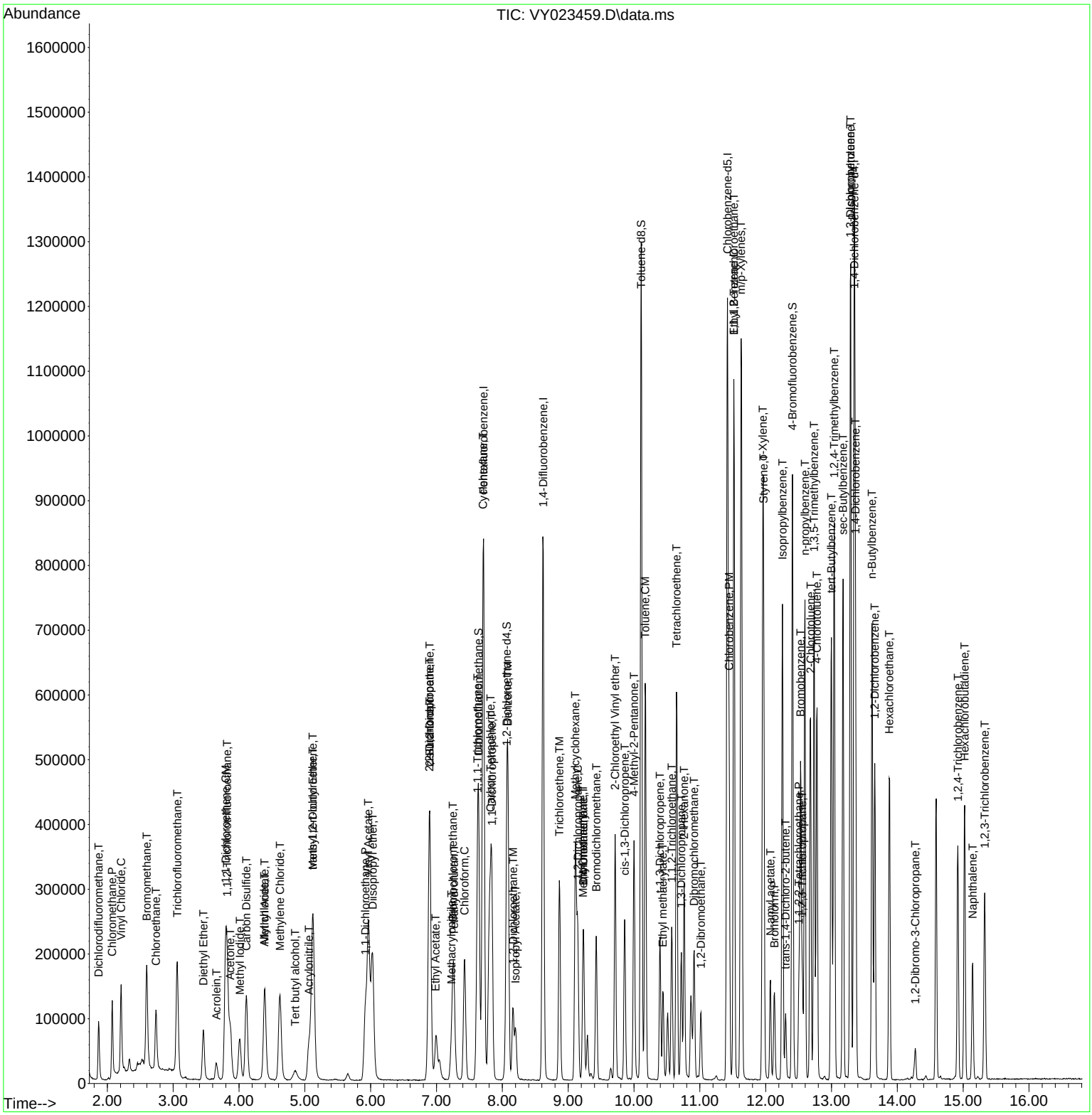
Quant Time: Oct 15 03:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2025
Supervised By :Mahesh Dadoda 10/16/2025



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

Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX101425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048153.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:05:59 PM	MMDadoda	10/16/2025 2:42:43 AM	Peak Integrated by Software
VX1014MBS02	VX048164.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:06:20 PM	MMDadoda	10/16/2025 2:42:54 AM	Peak Integrated by Software
Q3276-02	VX048166.D	n-Butylbenzene	JOHN	10/15/2025 12:06:25 PM	MMDadoda	10/16/2025 2:42:57 AM	Peak Integrated by Software
VSTDCCC050	VX048179.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:07:14 PM	MMDadoda	10/16/2025 2:43:11 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VY101425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023456.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:29 AM	MMdadoda	10/16/2025 4:39:51 AM	Peak Integrated by Software
VY1014SBS01	VY023458.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:33 AM	MMdadoda	10/16/2025 4:39:56 AM	Peak Integrated by Software
VY1014SBS01	VY023458.D	Methacrylonitrile	sam	10/16/2025 4:37:33 AM	MMdadoda	10/16/2025 4:39:56 AM	Peak Integrated by Software
VY1014SBSD01	VY023459.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:38 AM	MMdadoda	10/16/2025 4:40:01 AM	Peak Integrated by Software
VSTDCCC050	VY023468.D	1,2,3-Trichloropropane	sam	10/16/2025 4:37:46 AM	MMdadoda	10/16/2025 4:40:12 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048152.D	14 Oct 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX048153.D	14 Oct 2025 10:02	JC/MD	Ok,M
3	VX1014MBL01	VX048154.D	14 Oct 2025 10:32	JC/MD	Ok
4	VX1014WBL01	VX048155.D	14 Oct 2025 10:52	JC/MD	Ok
5	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	JC/MD	Ok,M
6	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	JC/MD	Ok,M
7	Q3311-13DL	VX048158.D	14 Oct 2025 12:28	JC/MD	Ok
8	Q3311-14	VX048159.D	14 Oct 2025 12:49	JC/MD	Dilution
9	Q3311-14DL	VX048160.D	14 Oct 2025 13:09	JC/MD	Ok
10	Q3311-15	VX048161.D	14 Oct 2025 13:30	JC/MD	Ok
11	Q3312-01	VX048162.D	14 Oct 2025 13:50	JC/MD	Not Ok
12	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	JC/MD	Ok,M
13	VX1014MBS02	VX048164.D	14 Oct 2025 14:31	JC/MD	Ok,M
14	Q3276-01	VX048165.D	14 Oct 2025 14:52	JC/MD	Not Ok
15	Q3276-02	VX048166.D	14 Oct 2025 15:13	JC/MD	Ok,M
16	IBLK	VX048167.D	14 Oct 2025 15:33	JC/MD	Ok
17	Q3276-01	VX048168.D	14 Oct 2025 15:54	JC/MD	Not Ok
18	IBLK	VX048169.D	14 Oct 2025 16:14	JC/MD	Ok
19	Q3345-07	VX048170.D	14 Oct 2025 16:35	JC/MD	Ok
20	Q3312-01	VX048171.D	14 Oct 2025 16:56	JC/MD	Ok
21	Q3325-07	VX048172.D	14 Oct 2025 17:16	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3325-08	VX048173.D	14 Oct 2025 17:37	JC/MD	Ok
23	Q3325-09	VX048174.D	14 Oct 2025 17:57	JC/MD	Ok
24	Q3325-10	VX048175.D	14 Oct 2025 18:18	JC/MD	Ok
25	Q3311-02	VX048176.D	14 Oct 2025 18:38	JC/MD	ReRun
26	Q3311-03MS	VX048177.D	14 Oct 2025 18:59	JC/MD	Ok,M
27	Q3311-04MSD	VX048178.D	14 Oct 2025 19:20	JC/MD	Ok,M
28	VSTDCCC050	VX048179.D	14 Oct 2025 19:40	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY101425

Review By	Semsettin Yesilyurt	Review On	10/16/2025 4:37:53 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/16/2025 4:40:25 AM				
SubDirectory	VY101425	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135814
Initial Calibration Stds	
CCC	VP135815,VP135816
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	VY023455.D	14 Oct 2025 08:36	SY/MD	Ok
2	VSTDCCC050	VY023456.D	14 Oct 2025 11:25	SY/MD	Ok,M
3	VY1014SBL01	VY023457.D	14 Oct 2025 11:56	SY/MD	Ok
4	VY1014SBS01	VY023458.D	14 Oct 2025 12:26	SY/MD	Ok,M
5	VY1014SBSD01	VY023459.D	14 Oct 2025 12:49	SY/MD	Ok,M
6	Q3341-01	VY023460.D	14 Oct 2025 14:28	SY/MD	Ok
7	Q3341-02	VY023461.D	14 Oct 2025 14:52	SY/MD	Ok
8	Q3341-03	VY023462.D	14 Oct 2025 15:15	SY/MD	Ok
9	Q3343-03	VY023463.D	14 Oct 2025 15:39	SY/MD	Ok
10	Q3345-01	VY023464.D	14 Oct 2025 16:02	SY/MD	Ok
11	Q3345-03	VY023465.D	14 Oct 2025 16:25	SY/MD	Ok
12	Q3345-05	VY023466.D	14 Oct 2025 16:50	SY/MD	Ok,M
13	Q3276-01	VY023467.D	14 Oct 2025 17:13	SY/MD	Ok
14	VSTDCCC050	VY023468.D	14 Oct 2025 17:36	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048152.D	14 Oct 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048153.D	14 Oct 2025 10:02		JC/MD	Ok,M
3	VX1014MBL01	VX1014MBL01	VX048154.D	14 Oct 2025 10:32		JC/MD	Ok
4	VX1014WBL01	VX1014WBL01	VX048155.D	14 Oct 2025 10:52		JC/MD	Ok
5	VX1014WBS01	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	Recovery failed low for comp. #18,19	JC/MD	Ok,M
6	VX1014WBSD01	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	Recovery failed low for comp. #18	JC/MD	Ok,M
7	Q3311-13DL	MW-215DDL	VX048158.D	14 Oct 2025 12:28		JC/MD	Ok
8	Q3311-14	MW-227B	VX048159.D	14 Oct 2025 12:49	Need 5X	JC/MD	Dilution
9	Q3311-14DL	MW-227BDL	VX048160.D	14 Oct 2025 13:09		JC/MD	Ok
10	Q3311-15	GW-DUP	VX048161.D	14 Oct 2025 13:30		JC/MD	Ok
11	Q3312-01	362Kingsland-001S	VX048162.D	14 Oct 2025 13:50	Need Straight Run	JC/MD	Not Ok
12	VX1014MBS01	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	Recovery failed low for comp. #73,93	JC/MD	Ok,M
13	VX1014MBS02	VX1014MBS02	VX048164.D	14 Oct 2025 14:31		JC/MD	Ok,M
14	Q3276-01	SB2	VX048165.D	14 Oct 2025 14:52	Need Straight Run	JC/MD	Not Ok
15	Q3276-02	SB2A	VX048166.D	14 Oct 2025 15:13		JC/MD	Ok,M
16	IBLK	IBLK	VX048167.D	14 Oct 2025 15:33		JC/MD	Ok
17	Q3276-01	SB2	VX048168.D	14 Oct 2025 15:54	MBS Failed Low; Need Soil run	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048169.D	14 Oct 2025 16:14		JC/MD	Ok
19	Q3345-07	TANK-FARM-WATER	VX048170.D	14 Oct 2025 16:35		JC/MD	Ok
20	Q3312-01	362Kingsland-001S	VX048171.D	14 Oct 2025 16:56		JC/MD	Ok
21	Q3325-07	STORAGE-BLANK-SAI	VX048172.D	14 Oct 2025 17:16		JC/MD	Ok
22	Q3325-08	STORAGE-BLANK-WA	VX048173.D	14 Oct 2025 17:37		JC/MD	Ok
23	Q3325-09	STORAGE-BLANK-WA	VX048174.D	14 Oct 2025 17:57		JC/MD	Ok
24	Q3325-10	STORAGE-BLANK-SAI	VX048175.D	14 Oct 2025 18:18		JC/MD	Ok
25	Q3311-02	MW-219	VX048176.D	14 Oct 2025 18:38	BS failed low	JC/MD	ReRun
26	Q3311-03MS	MW-219MS	VX048177.D	14 Oct 2025 18:59		JC/MD	Ok,M
27	Q3311-04MSD	MW-219MSD	VX048178.D	14 Oct 2025 19:20		JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048179.D	14 Oct 2025 19:40		JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY101425

Review By	Semsettin Yesilyurt	Review On	10/16/2025 4:37:53 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/16/2025 4:40:25 AM		
SubDirectory	VY101425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135814
Initial Calibration Stds	
CCC	VP135815,VP135816
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	VY023455.D	14 Oct 2025 08:36		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023456.D	14 Oct 2025 11:25		SY/MD	Ok,M
3	VY1014SBL01	VY1014SBL01	VY023457.D	14 Oct 2025 11:56		SY/MD	Ok
4	VY1014SBS01	VY1014SBS01	VY023458.D	14 Oct 2025 12:26		SY/MD	Ok,M
5	VY1014SBSD01	VY1014SBSD01	VY023459.D	14 Oct 2025 12:49		SY/MD	Ok,M
6	Q3341-01	C-1	VY023460.D	14 Oct 2025 14:28	vial-A	SY/MD	Ok
7	Q3341-02	C-2	VY023461.D	14 Oct 2025 14:52	vial-A	SY/MD	Ok
8	Q3341-03	C-3	VY023462.D	14 Oct 2025 15:15	vial-A	SY/MD	Ok
9	Q3343-03	SOIL-ROLLOFF-WC-1-	VY023463.D	14 Oct 2025 15:39	vial-A	SY/MD	Ok
10	Q3345-01	TANK-FARM-SOIL	VY023464.D	14 Oct 2025 16:02	vial-A	SY/MD	Ok
11	Q3345-03	2ND-STREET-SOIL	VY023465.D	14 Oct 2025 16:25	vial-A	SY/MD	Ok
12	Q3345-05	M-R-SOIL	VY023466.D	14 Oct 2025 16:50	vial-A	SY/MD	Ok,M
13	Q3276-01	SB2	VY023467.D	14 Oct 2025 17:13		SY/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VY023468.D	14 Oct 2025 17:36		SY/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q3276	**OrderDate:**	10/2/2025 3:49:00 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3276-01	**SB2**	**SOIL**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/14/25	
Q3276-02	**SB2A**	**SOIL**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/14/25	

Alliance
TECHNICAL GROUP

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. Q3276
COC Number 2047920

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Lexington
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard 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) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other Excel
☒ EDD FORMAT Narrative, Excel

ANALYSIS

Soil VOCs

PRESERVATIVES

Terra

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	SB2	Soil		X	10/1/25	1000	4		X							
2.	SB2A	Soil		X	10/1/25	1005	4		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.	10/2/25 1540	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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 : Q3276 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 10/2/2025 3:49:00 PM
Project Name : Lexington
Receive DateTime : 10/2/2025 3:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3276-01	SB2	Solid	10/01/2025	10:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3276-02	SB2A	Solid	10/01/2025	10:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : CA
Date / Time : 10/2/25 1620

Received By : Sam
Date / Time : 10/03/25 8:10

Storage Area : VOA Refridgerator Room