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 : Q3784

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q3784

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number :

Laboratory Sample ID(s) : Q3784 Sampling Date(s) : 2/04/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q3784

Project ID : Lexington

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3784-03	SB3A
Q3784-04	SB4A

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:06 pm, Dec 15, 2025

Date: 12/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 07092
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CASE NARRATIVE

G Environmental
Project Name: Lexington
Project # N/A
Order ID # Q3784
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 12/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 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 except for SB3A [4-Bromofluorobenzene - 135%], VN1209MBL01 [1,2-Dichloroethane-d4 - 135%] these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD for {VW1208SBSD01} with File ID: VW032589.D met criteria except for Bromochloromethane[34%] this compound did not meet the NJDKQP criteria and in-house criteria, due to difference in results of BS and BSD.

The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate for {VW1208SBSD01} with File ID: VW032589.D met requirements for all compounds except for Bromochloromethane[145%] this compound did not meet the NJDKQP criteria and in-house criteria, is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration File ID VN088471.D met the requirements except for Tert butyl alcohol is failing marginally low therefore no corrective action taken.
The Tuning criteria met requirements.

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Sample SB3A was ran straight medium level dilution on this sample. Sample had strong odor not allowing low level soil analysis.

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 ***APPROVED***
By Nimisha Pandya, QA/QC Supervisor at 2:06 pm, Dec 15, 2025

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 #: Q3784

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

QA Review Signature: SOHIL JODHANI **Date:** 12/15/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3784

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**SB3A**								
Q3784-03	SB3A	SOIL	Cyclohexane		33600		1300	8300	ug/Kg
Q3784-03	SB3A	SOIL	Methylcyclohexane		247000		1500	8300	ug/Kg
Q3784-03	SB3A	SOIL	Toluene		22900		1300	8300	ug/Kg
Q3784-03	SB3A	SOIL	Ethyl Benzene		33100		1100	8300	ug/Kg
Q3784-03	SB3A	SOIL	Isopropylbenzene		21400		1300	8300	ug/Kg
			Total Voc :		358000				
Q3784-03	SB3A	SOIL	Heptane	*	108000	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Heptane, 3-methyl-	*	150000	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Heptane, 2-methyl-	*	199000	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Benzene, 2-ethyl-1,4-dimethyl-	*	90500	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Benzene, 2-ethenyl-1,4-dimethy	*	105000	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Octane, 2,6-dimethyl-	*	80200	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Cyclohexane, 1,3-dimethyl-, tra	*	83300	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Heptane, 2,5-dimethyl-	*	85600	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Octane, 3-methyl-	*	121000	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	86800	J	0	0	ug/Kg
Q3784-03	SB3A	SOIL	n-propylbenzene	*	52900	J	1200	8300	ug/Kg
Q3784-03	SB3A	SOIL	sec-Butylbenzene	*	8400	J	1100	8300	ug/Kg
Q3784-03	SB3A	SOIL	p-Isopropyltoluene	*	7700	J	1000	8300	ug/Kg
Q3784-03	SB3A	SOIL	n-Butylbenzene	*	15700	J	2400	8300	ug/Kg
Q3784-03	SB3A	SOIL	Naphthalene	*	6200	J	4300	8300	ug/Kg
			Total Tics :		1200000				
			Total Concentration:		1560000				

SAMPLE DATA

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

Report of Analysis

Client:	G Environmental		Date Collected:	12/04/25	
Project:	Lexington		Date Received:	12/04/25	
Client Sample ID:	SB3A		SDG No.:	Q3784	
Lab Sample ID:	Q3784-03	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level: MED	% Solid:	85.6	
Sample Wt/Vol:	7.03 g	Final Vol: 10000 uL	Test:	VOCMS Group1	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1900	U	20	1900	8300	ug/Kg	12/09/25 14:05	VN120925
74-87-3	Chloromethane	1900	U	20	1900	8300	ug/Kg	12/09/25 14:05	VN120925
75-01-4	Vinyl Chloride	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
74-83-9	Bromomethane	1800	U	20	1800	8300	ug/Kg	12/09/25 14:05	VN120925
75-00-3	Chloroethane	2100	U	20	2100	8300	ug/Kg	12/09/25 14:05	VN120925
75-69-4	Trichlorofluoromethane	2000	U	20	2000	8300	ug/Kg	12/09/25 14:05	VN120925
76-13-1	1,1,2-Trichlorotrifluoroethane	1800	U	20	1800	8300	ug/Kg	12/09/25 14:05	VN120925
75-65-0	Tert butyl alcohol	22800	U	20	22800	41500	ug/Kg	12/09/25 14:05	VN120925
75-35-4	1,1-Dichloroethene	1700	U	20	1700	8300	ug/Kg	12/09/25 14:05	VN120925
67-64-1	Acetone	7900	U	20	7900	41500	ug/Kg	12/09/25 14:05	VN120925
75-15-0	Carbon Disulfide	1800	U	20	1800	8300	ug/Kg	12/09/25 14:05	VN120925
1634-04-4	Methyl tert-butyl Ether	1200	U	20	1200	8300	ug/Kg	12/09/25 14:05	VN120925
79-20-9	Methyl Acetate	2600	U	20	2600	8300	ug/Kg	12/09/25 14:05	VN120925
75-09-2	Methylene Chloride	5900	U	20	5900	16600	ug/Kg	12/09/25 14:05	VN120925
156-60-5	trans-1,2-Dichloroethene	1400	U	20	1400	8300	ug/Kg	12/09/25 14:05	VN120925
75-34-3	1,1-Dichloroethane	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
110-82-7	Cyclohexane	33600		20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
78-93-3	2-Butanone	10900	U	20	10900	41500	ug/Kg	12/09/25 14:05	VN120925
56-23-5	Carbon Tetrachloride	1600	U	20	1600	8300	ug/Kg	12/09/25 14:05	VN120925
156-59-2	cis-1,2-Dichloroethene	1200	U	20	1200	8300	ug/Kg	12/09/25 14:05	VN120925
74-97-5	Bromochloromethane	1900	U	20	1900	8300	ug/Kg	12/09/25 14:05	VN120925
67-66-3	Chloroform	1400	U	20	1400	8300	ug/Kg	12/09/25 14:05	VN120925
71-55-6	1,1,1-Trichloroethane	1500	U	20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
108-87-2	Methylcyclohexane	247000		20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
71-43-2	Benzene	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
107-06-2	1,2-Dichloroethane	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
79-01-6	Trichloroethene	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
78-87-5	1,2-Dichloropropane	1500	U	20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
75-27-4	Bromodichloromethane	1300	U	20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
108-10-1	4-Methyl-2-Pentanone	5900	U	20	5900	41500	ug/Kg	12/09/25 14:05	VN120925
108-88-3	Toluene	22900		20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
10061-02-6	t-1,3-Dichloropropene	1100	U	20	1100	8300	ug/Kg	12/09/25 14:05	VN120925
10061-01-5	cis-1,3-Dichloropropene	1000	U	20	1000	8300	ug/Kg	12/09/25 14:05	VN120925
79-00-5	1,1,2-Trichloroethane	1500	U	20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
591-78-6	2-Hexanone	6100	U	20	6100	41500	ug/Kg	12/09/25 14:05	VN120925
124-48-1	Dibromochloromethane	1400	U	20	1400	8300	ug/Kg	12/09/25 14:05	VN120925
106-93-4	1,2-Dibromoethane	1500	U	20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
127-18-4	Tetrachloroethene	1700	U	20	1700	8300	ug/Kg	12/09/25 14:05	VN120925
108-90-7	Chlorobenzene	1500	U	20	1500	8300	ug/Kg	12/09/25 14:05	VN120925
100-41-4	Ethyl Benzene	33100		20	1100	8300	ug/Kg	12/09/25 14:05	VN120925
179601-23-1	m/p-Xylenes	2100	U	20	2100	16600	ug/Kg	12/09/25 14:05	VN120925
95-47-6	o-Xylene	1400	U	20	1400	8300	ug/Kg	12/09/25 14:05	VN120925
100-42-5	Styrene	1200	U	20	1200	8300	ug/Kg	12/09/25 14:05	VN120925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental			Date Collected:	12/04/25
Project:	Lexington			Date Received:	12/04/25
Client Sample ID:	SB3A			SDG No.:	Q3784
Lab Sample ID:	Q3784-03	Soil Aliquot Vol: 100 uL		Matrix:	SOIL
Analytical Method:	8260D	Level: MED		% Solid:	85.6
Sample Wt/Vol:	7.03 g	Final Vol: 10000 uL		Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	1400	U	20	1400	8300	ug/Kg	12/09/25 14:05	VN120925
98-82-8	Isopropylbenzene	21400		20	1300	8300	ug/Kg	12/09/25 14:05	VN120925
79-34-5	1,1,2,2-Tetrachloroethane	2000	U	20	2000	8300	ug/Kg	12/09/25 14:05	VN120925
541-73-1	1,3-Dichlorobenzene	2800	U	20	2800	8300	ug/Kg	12/09/25 14:05	VN120925
106-46-7	1,4-Dichlorobenzene	2600	U	20	2600	8300	ug/Kg	12/09/25 14:05	VN120925
95-50-1	1,2-Dichlorobenzene	2400	U	20	2400	8300	ug/Kg	12/09/25 14:05	VN120925
96-12-8	1,2-Dibromo-3-Chloropropane	3100	U	20	3100	8300	ug/Kg	12/09/25 14:05	VN120925
120-82-1	1,2,4-Trichlorobenzene	4900	U	20	4900	8300	ug/Kg	12/09/25 14:05	VN120925
87-61-6	1,2,3-Trichlorobenzene	5300	U	20	5300	8300	ug/Kg	12/09/25 14:05	VN120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.6			70 (63) - 130 (155)	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	56.5			70 (74) - 130 (123)	113%	SPK: 50		
460-00-4	4-Bromofluorobenzene	67.4	*		70 (52) - 130 (138)	135%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	229000							
540-36-3	1,4-Difluorobenzene	515000							
3114-55-4	Chlorobenzene-d5	538000							
3855-82-1	1,4-Dichlorobenzene-d4	267000							
TENTATIVE IDENTIFIED COMPOUNDS									
000142-82-5	Heptane	108000	J			8.95	ug/Kg		
000592-27-8	Heptane, 2-methyl-	199000	J			10.2	ug/Kg		
000589-81-1	Heptane, 3-methyl-	150000	J			10.3	ug/Kg		
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	83300	J			11.0	ug/Kg		
002216-30-0	Heptane, 2,5-dimethyl-	85600	J			11.2	ug/Kg		
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	86800	J			11.4	ug/Kg		
002216-33-3	Octane, 3-methyl-	121000	J			11.7	ug/Kg		
002051-30-1	Octane, 2,6-dimethyl-	80200	J			12.5	ug/Kg		
103-65-1	n-propylbenzene	52900	J			13.0	ug/Kg		
135-98-8	sec-Butylbenzene	8400	J			13.6	ug/Kg		
99-87-6	p-Isopropyltoluene	7700	J			13.7	ug/Kg		
104-51-8	n-Butylbenzene	15700	J			14.0	ug/Kg		
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	90500	J			14.3	ug/Kg		
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	105000	J			15.0	ug/Kg		
91-20-3	Naphthalene	6200	J			15.6	ug/Kg		

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

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

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:	12/04/25
Project:	Lexington			Date Received:	12/04/25
Client Sample ID:	SB4A			SDG No.:	Q3784
Lab Sample ID:	Q3784-04			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	86.3
Sample Wt/Vol:	3.38 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.00	U	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
74-87-3	Chloromethane	2.00	U	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
75-01-4	Vinyl Chloride	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
74-83-9	Bromomethane	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
75-00-3	Chloroethane	2.20	U	1	2.20	8.60	ug/Kg	12/08/25 11:56	VW120825
75-69-4	Trichlorofluoromethane	2.10	U	1	2.10	8.60	ug/Kg	12/08/25 11:56	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
75-65-0	Tert butyl alcohol	23.5	U	1	23.5	42.9	ug/Kg	12/08/25 11:56	VW120825
75-35-4	1,1-Dichloroethene	1.70	U	1	1.70	8.60	ug/Kg	12/08/25 11:56	VW120825
67-64-1	Acetone	8.10	U	1	8.10	42.9	ug/Kg	12/08/25 11:56	VW120825
75-15-0	Carbon Disulfide	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
1634-04-4	Methyl tert-butyl Ether	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
79-20-9	Methyl Acetate	2.60	U	1	2.60	8.60	ug/Kg	12/08/25 11:56	VW120825
75-09-2	Methylene Chloride	6.10	U	1	6.10	17.1	ug/Kg	12/08/25 11:56	VW120825
156-60-5	trans-1,2-Dichloroethene	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
75-34-3	1,1-Dichloroethane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
110-82-7	Cyclohexane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
78-93-3	2-Butanone	11.2	U	1	11.2	42.9	ug/Kg	12/08/25 11:56	VW120825
56-23-5	Carbon Tetrachloride	1.70	U	1	1.70	8.60	ug/Kg	12/08/25 11:56	VW120825
156-59-2	cis-1,2-Dichloroethene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
74-97-5	Bromochloromethane	2.00	UQ	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
67-66-3	Chloroform	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
71-55-6	1,1,1-Trichloroethane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
108-87-2	Methylcyclohexane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
71-43-2	Benzene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
107-06-2	1,2-Dichloroethane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
79-01-6	Trichloroethene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
78-87-5	1,2-Dichloropropane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
75-27-4	Bromodichloromethane	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
108-10-1	4-Methyl-2-Pentanone	6.10	U	1	6.10	42.9	ug/Kg	12/08/25 11:56	VW120825
108-88-3	Toluene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
10061-02-6	t-1,3-Dichloropropene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
79-00-5	1,1,2-Trichloroethane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
591-78-6	2-Hexanone	6.30	U	1	6.30	42.9	ug/Kg	12/08/25 11:56	VW120825
124-48-1	Dibromochloromethane	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
106-93-4	1,2-Dibromoethane	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
127-18-4	Tetrachloroethene	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
108-90-7	Chlorobenzene	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
100-41-4	Ethyl Benzene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
179601-23-1	m/p-Xylenes	2.10	U	1	2.10	17.1	ug/Kg	12/08/25 11:56	VW120825
95-47-6	o-Xylene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
100-42-5	Styrene	1.20	U	1	1.20	8.60	ug/Kg	12/08/25 11:56	VW120825

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental			Date Collected:	12/04/25
Project:	Lexington			Date Received:	12/04/25
Client Sample ID:	SB4A			SDG No.:	Q3784
Lab Sample ID:	Q3784-04			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	86.3
Sample Wt/Vol:	3.38 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
98-82-8	Isopropylbenzene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1	2.10	8.60	ug/Kg	12/08/25 11:56	VW120825
541-73-1	1,3-Dichlorobenzene	2.90	U	1	2.90	8.60	ug/Kg	12/08/25 11:56	VW120825
106-46-7	1,4-Dichlorobenzene	2.70	U	1	2.70	8.60	ug/Kg	12/08/25 11:56	VW120825
95-50-1	1,2-Dichlorobenzene	2.50	U	1	2.50	8.60	ug/Kg	12/08/25 11:56	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	3.20	U	1	3.20	8.60	ug/Kg	12/08/25 11:56	VW120825
120-82-1	1,2,4-Trichlorobenzene	5.10	U	1	5.10	8.60	ug/Kg	12/08/25 11:56	VW120825
87-61-6	1,2,3-Trichlorobenzene	5.50	U	1	5.50	8.60	ug/Kg	12/08/25 11:56	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.4			70 (63) - 130 (155)	97%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.3			70 (70) - 130 (134)	91%	SPK: 50		
2037-26-5	Toluene-d8	40.2			70 (74) - 130 (123)	80%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			70 (52) - 130 (138)	79%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	208000							
540-36-3	1,4-Difluorobenzene	392000							
3114-55-4	Chlorobenzene-d5	367000							
3855-82-1	1,4-Dichlorobenzene-d4	161000							

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.: Q3784

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3784-03	SB3A	1,2-Dichloroethane-d4	50	59.6	119		70 (63)	130 (155)
		Dibromofluoromethane	50	50.5	101		70 (70)	130 (134)
		Toluene-d8	50	56.5	113		70 (74)	130 (123)
		4-Bromofluorobenzene	50	67.4	135	*	70 (52)	130 (138)
Q3784-04	SB4A	1,2-Dichloroethane-d4	50	48.4	97		70 (63)	130 (155)
		Dibromofluoromethane	50	45.3	91		70 (70)	130 (134)
		Toluene-d8	50	40.2	80		70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.4	79		70 (52)	130 (138)
VN1209MBL01	VN1209MBL01	1,2-Dichloroethane-d4	50	67.3	135	*	70 (63)	130 (155)
		Dibromofluoromethane	50	54.3	109		70 (70)	130 (134)
		Toluene-d8	50	51.2	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	54.0	108		70 (52)	130 (138)
VN1209MBS01	VN1209MBS01	1,2-Dichloroethane-d4	50	58.3	117		70 (63)	130 (155)
		Dibromofluoromethane	50	55.3	111		70 (70)	130 (134)
		Toluene-d8	50	53.1	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.9	106		70 (52)	130 (138)
VW1208SBL01	VW1208SBL01	1,2-Dichloroethane-d4	50	54.2	108		70 (63)	130 (155)
		Dibromofluoromethane	50	50.7	101		70 (70)	130 (134)
		Toluene-d8	50	49.3	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.1	90		70 (52)	130 (138)
VW1208SBS01	VW1208SBS01	1,2-Dichloroethane-d4	50	50.1	100		70 (63)	130 (155)
		Dibromofluoromethane	50	48.5	97		70 (70)	130 (134)
		Toluene-d8	50	47.7	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.3	95		70 (52)	130 (138)
VW1208SBSD0	VW1208SBSD01	1,2-Dichloroethane-d4	50	55.6	111		70 (63)	130 (155)
		Dibromofluoromethane	50	54.4	109		70 (70)	130 (134)
		Toluene-d8	50	55.7	111		70 (74)	130 (123)
		4-Bromofluorobenzene	50	53.4	107		70 (52)	130 (138)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1209MBS01	Dichlorodifluoromethane	2000	2100	ug/Kg	105			40 (64)	160 (136)	
	Chloromethane	2000	2200	ug/Kg	110			40 (73)	160 (129)	
	Vinyl chloride	2000	2000	ug/Kg	100			70 (73)	130 (133)	
	Bromomethane	2000	2200	ug/Kg	110			40 (77)	160 (137)	
	Chloroethane	2000	2100	ug/Kg	105			40 (69)	160 (130)	
	Trichlorofluoromethane	2000	2200	ug/Kg	110			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	2000	2200	ug/Kg	110			70 (81)	130 (123)	
	Tert butyl alcohol	10000	8800	ug/Kg	88			70 (24)	130 (175)	
	1,1-Dichloroethene	2000	2100	ug/Kg	105			70 (79)	130 (121)	
	Acetone	10000	10100	ug/Kg	101			40 (60)	160 (174)	
	Carbon disulfide	2000	2000	ug/Kg	100			40 (73)	160 (125)	
	Methyl tert-butyl Ether	2000	2300	ug/Kg	115			70 (77)	130 (129)	
	Methyl Acetate	2000	2300	ug/Kg	115			70 (51)	130 (140)	
	Methylene Chloride	2000	2200	ug/Kg	110			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	2000	2100	ug/Kg	105			70 (80)	130 (123)	
	1,1-Dichloroethane	2000	2200	ug/Kg	110			70 (82)	130 (123)	
	Cyclohexane	2000	2100	ug/Kg	105			70 (76)	130 (122)	
	2-Butanone	10000	10600	ug/Kg	106			40 (69)	160 (131)	
	Carbon Tetrachloride	2000	2200	ug/Kg	110			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	2000	2100	ug/Kg	105			70 (82)	130 (123)	
	Bromochloromethane	2000	2100	ug/Kg	105			70 (80)	130 (127)	
	Chloroform	2000	2300	ug/Kg	115			70 (82)	130 (125)	
	1,1,1-Trichloroethane	2000	2300	ug/Kg	115			70 (80)	130 (126)	
	Methylcyclohexane	2000	1900	ug/Kg	95			70 (77)	130 (123)	
	Benzene	2000	2100	ug/Kg	105			70 (84)	130 (121)	
	1,2-Dichloroethane	2000	2400	ug/Kg	120			70 (81)	130 (126)	
	Trichloroethene	2000	2000	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	2000	2300	ug/Kg	115			70 (83)	130 (122)	
	Bromodichloromethane	2000	2300	ug/Kg	115			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	10000	11300	ug/Kg	113			40 (70)	160 (135)	
	Toluene	2000	2300	ug/Kg	115			70 (83)	130 (122)	
	t-1,3-Dichloropropene	2000	2100	ug/Kg	105			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	2000	2200	ug/Kg	110			70 (81)	130 (122)	
	1,1,2-Trichloroethane	2000	2300	ug/Kg	115			70 (82)	130 (125)	
	2-Hexanone	10000	10900	ug/Kg	109			40 (66)	160 (138)	
	Dibromochloromethane	2000	2200	ug/Kg	110			70 (79)	130 (125)	
	1,2-Dibromoethane	2000	2200	ug/Kg	110			70 (80)	130 (125)	
	Tetrachloroethene	2000	1800	ug/Kg	90			70 (83)	130 (125)	
	Chlorobenzene	2000	2100	ug/Kg	105			70 (84)	130 (122)	
	Ethyl Benzene	2000	2000	ug/Kg	100			70 (82)	130 (124)	
	m/p-Xylenes	4000	4100	ug/Kg	103			70 (83)	130 (124)	
	o-Xylene	2000	2000	ug/Kg	100			70 (83)	130 (123)	
	Styrene	2000	2200	ug/Kg	110			70 (82)	130 (124)	
	Bromoform	2000	2200	ug/Kg	110			70 (75)	130 (127)	
	Isopropylbenzene	2000	2100	ug/Kg	105			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	2000	2300	ug/Kg	115			70 (77)	130 (127)	
	1,3-Dichlorobenzene	2000	2100	ug/Kg	105			70 (83)	130 (122)	
	1,4-Dichlorobenzene	2000	2100	ug/Kg	105			70 (84)	130 (121)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1209MBS01	1,2-Dichlorobenzene	2000	2100	ug/Kg	105			70 (83)	130 (124)	
	1,2-Dibromo-3-Chloropropane	2000	1900	ug/Kg	95			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	2000	1800	ug/Kg	90			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	2000	1800	ug/Kg	90			70 (70)	130 (137)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032585.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1208SBS01	Dichlorodifluoromethane	20	22.5	ug/Kg	113			40 (64)	160 (136)	
	Chloromethane	20	18.8	ug/Kg	94			40 (73)	160 (129)	
	Vinyl chloride	20	20.0	ug/Kg	100			70 (73)	130 (133)	
	Bromomethane	20	19.6	ug/Kg	98			40 (77)	160 (137)	
	Chloroethane	20	19.5	ug/Kg	98			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	20.6	ug/Kg	103			70 (81)	130 (123)	
	Tert butyl alcohol	100	89.1	ug/Kg	89			70 (24)	130 (175)	
	1,1-Dichloroethene	20	19.6	ug/Kg	98			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (60)	160 (174)	
	Carbon disulfide	20	19.9	ug/Kg	100			40 (73)	160 (125)	
	Methyl tert-butyl Ether	20	20.8	ug/Kg	104			70 (77)	130 (129)	
	Methyl Acetate	20	20.9	ug/Kg	104			70 (51)	130 (140)	
	Methylene Chloride	20	19.3	ug/Kg	97			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	20	19.5	ug/Kg	98			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.1	ug/Kg	101			70 (82)	130 (123)	
	Cyclohexane	20	20.1	ug/Kg	101			70 (76)	130 (122)	
	2-Butanone	100	100	ug/Kg	100			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.6	ug/Kg	98			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.1	ug/Kg	96			70 (82)	130 (123)	
	Bromochloromethane	20	20.6	ug/Kg	103			70 (80)	130 (127)	
	Chloroform	20	19.9	ug/Kg	100			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.0	ug/Kg	100			70 (80)	130 (126)	
	Methylcyclohexane	20	19.3	ug/Kg	97			70 (77)	130 (123)	
	Benzene	20	19.1	ug/Kg	96			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			70 (81)	130 (126)	
	Trichloroethene	20	19.4	ug/Kg	97			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.9	ug/Kg	100			70 (83)	130 (122)	
	Bromodichloromethane	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			40 (70)	160 (135)	
	Toluene	20	19.7	ug/Kg	99			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.2	ug/Kg	96			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.3	ug/Kg	97			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	19.4	ug/Kg	97			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.6	ug/Kg	103			70 (80)	130 (125)	
	Tetrachloroethene	20	18.1	ug/Kg	91			70 (83)	130 (125)	
	Chlorobenzene	20	17.9	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	20	18.2	ug/Kg	91			70 (82)	130 (124)	
	m/p-Xylenes	40	37.4	ug/Kg	94			70 (83)	130 (124)	
	o-Xylene	20	18.0	ug/Kg	90			70 (83)	130 (123)	
	Styrene	20	19.3	ug/Kg	97			70 (82)	130 (124)	
	Bromoform	20	19.1	ug/Kg	96			70 (75)	130 (127)	
	Isopropylbenzene	20	18.7	ug/Kg	94			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/Kg	103			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	19.3	ug/Kg	97			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	18.9	ug/Kg	95			70 (84)	130 (121)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032585.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW1208SBS01	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			70 (83)	130 (124)	
	1,2-Dibromo-3-Chloropropane	20	19.8	ug/Kg	99			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	17.3	ug/Kg	86			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	17.9	ug/Kg	90			70 (70)	130 (137)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032589.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual		Limits Low	Limits High	Limits RPD
VW1208SBSD01	Dichlorodifluoromethane	20	22.0	ug/Kg	110	3			40 (64)	160 (136)	30 (20)
	Chloromethane	20	18.9	ug/Kg	95	1			40 (73)	160 (129)	30 (15)
	Vinyl chloride	20	20.9	ug/Kg	104	4			70 (73)	130 (133)	30 (15)
	Bromomethane	20	19.9	ug/Kg	100	2			40 (77)	160 (137)	30 (15)
	Chloroethane	20	19.8	ug/Kg	99	1			40 (69)	160 (130)	30 (15)
	Trichlorofluoromethane	20	21.1	ug/Kg	106	2			40 (69)	160 (134)	30 (27)
	1,1,2-Trichlorotrifluoroethane	20	21.9	ug/Kg	110	7			70 (81)	130 (123)	30 (20)
	Tert butyl alcohol	100	92.1	ug/Kg	92	3			70 (24)	130 (175)	30 (20)
	1,1-Dichloroethene	20	20.0	ug/Kg	100	2			70 (79)	130 (121)	30 (16)
	Acetone	100	110	ug/Kg	110	0			40 (60)	160 (174)	30 (28)
	Carbon disulfide	20	19.6	ug/Kg	98	2			40 (73)	160 (125)	30 (15)
	Methyl tert-butyl Ether	20	20.7	ug/Kg	104	0			70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	20.1	ug/Kg	101	3			70 (51)	130 (140)	30 (30)
	Methylene Chloride	20	20.6	ug/Kg	103	6			70 (54)	130 (158)	30 (20)
	trans-1,2-Dichloroethene	20	19.8	ug/Kg	99	1			70 (80)	130 (123)	30 (15)
	1,1-Dichloroethane	20	19.8	ug/Kg	99	2			70 (82)	130 (123)	30 (15)
	Cyclohexane	20	20.6	ug/Kg	103	2			70 (76)	130 (122)	30 (15)
	2-Butanone	100	110	ug/Kg	110	10			40 (69)	160 (131)	30 (29)
	Carbon Tetrachloride	20	19.8	ug/Kg	99	1			70 (76)	130 (129)	30 (15)
	cis-1,2-Dichloroethene	20	19.4	ug/Kg	97	1			70 (82)	130 (123)	30 (15)
	Bromochloromethane	20	29.0	ug/Kg	145	34	*	*	70 (80)	130 (127)	30 (15)
	Chloroform	20	20.0	ug/Kg	100	0			70 (82)	130 (125)	30 (15)
	1,1,1-Trichloroethane	20	20.1	ug/Kg	101	1			70 (80)	130 (126)	30 (15)
	Methylcyclohexane	20	20.5	ug/Kg	103	6			70 (77)	130 (123)	30 (15)
	Benzene	20	19.6	ug/Kg	98	2			70 (84)	130 (121)	30 (15)
	1,2-Dichloroethane	20	20.5	ug/Kg	103	3			70 (81)	130 (126)	30 (15)
	Trichloroethene	20	19.4	ug/Kg	97	0			70 (83)	130 (122)	30 (15)
	1,2-Dichloropropane	20	20.2	ug/Kg	101	1			70 (83)	130 (122)	30 (15)
	Bromodichloromethane	20	19.8	ug/Kg	99	0			70 (82)	130 (123)	30 (15)
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0			40 (70)	160 (135)	30 (26)
	Toluene	20	20.4	ug/Kg	102	3			70 (83)	130 (122)	30 (15)
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99	3			70 (78)	130 (124)	30 (15)
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101	4			70 (81)	130 (122)	30 (15)
	1,1,2-Trichloroethane	20	20.3	ug/Kg	102	1			70 (82)	130 (125)	30 (15)
	2-Hexanone	100	110	ug/Kg	110	0			40 (66)	160 (138)	30 (27)
	Dibromochloromethane	20	20.2	ug/Kg	101	4			70 (79)	130 (125)	30 (15)
	1,2-Dibromoethane	20	20.4	ug/Kg	102	1			70 (80)	130 (125)	30 (16)
	Tetrachloroethene	20	19.9	ug/Kg	100	9			70 (83)	130 (125)	30 (15)
	Chlorobenzene	20	20.3	ug/Kg	102	13			70 (84)	130 (122)	30 (15)
	Ethyl Benzene	20	20.4	ug/Kg	102	11			70 (82)	130 (124)	30 (15)
	m/p-Xylenes	40	41.4	ug/Kg	104	10			70 (83)	130 (124)	30 (15)
	o-Xylene	20	20.7	ug/Kg	104	14			70 (83)	130 (123)	30 (15)
	Styrene	20	20.9	ug/Kg	104	7			70 (82)	130 (124)	30 (15)
	Bromoform	20	20.8	ug/Kg	104	8			70 (75)	130 (127)	30 (16)
	Isopropylbenzene	20	20.4	ug/Kg	102	8			70 (82)	130 (124)	30 (15)
	1,1,2,2-Tetrachloroethane	20	21.8	ug/Kg	109	6			70 (77)	130 (127)	30 (21)
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	5			70 (83)	130 (122)	30 (15)
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99	4			70 (84)	130 (121)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3784 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW032589.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW1208SBSD01	1,2-Dichlorobenzene	20	21.1	ug/Kg	106	7		70 (83)	130 (124)	30 (15)
	1,2-Dibromo-3-Chloropropane	20	20.7	ug/Kg	104	5		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.6	ug/Kg	98	13		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98	9		70 (70)	130 (137)	30 (16)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1209MBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3784

Lab File ID: VN088472.D | Lab Sample ID: VN1209MBL01

Date Analyzed: 12/09/2025 | Time Analyzed: 11:21

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1209MBS01	VN1209MBS01	VN088474.D	12/09/2025
SB3A	Q3784-03	VN088477.D	12/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW1208SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3784

Lab File ID: VW032584.D | Lab Sample ID: VW1208SBL01

Date Analyzed: 12/08/2025 | Time Analyzed: 10:18

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

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1208SBS01	VW1208SBS01	VW032585.D	12/08/2025
SB4A	Q3784-04	VW032587.D	12/08/2025
VW1208SBSD01	VW1208SBSD01	VW032589.D	12/08/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3784
Lab File ID: VN088343.D
BFB Injection Date: 11/24/2025
Instrument ID: MSVOA_N
BFB Injection Time: 08:17
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.8
175	5.0 - 9.0% of mass 174	6 (8.4) 1
176	95.0 - 101.0% of mass 174	68.3 (96.4) 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	VN088344.D	11/24/2025	12:38
VSTDICC005	VSTDICC005	VN088345.D	11/24/2025	13:11
VSTDICC020	VSTDICC020	VN088346.D	11/24/2025	13:32
VSTDICCC050	VSTDICCC050	VN088347.D	11/24/2025	13:53
VSTDICC100	VSTDICC100	VN088348.D	11/24/2025	14:14
VSTDICC150	VSTDICC150	VN088349.D	11/24/2025	14:35

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3784
Lab File ID: VN088470.D
BFB Injection Date: 12/09/2025
Instrument ID: MSVOA_N
BFB Injection Time: 10:07
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 60.0% of mass 95	59.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.1 (1.7) 1
174	50.0 - 100.0% of mass 95	66
175	5.0 - 9.0% of mass 174	5.2 (7.9) 1
176	95.0 - 101.0% of mass 174	64.5 (97.7) 1
177	5.0 - 9.0% of mass 176	4.7 (7.2) 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	VN088471.D	12/09/2025	10:47
VN1209MBL01	VN1209MBL01	VN088472.D	12/09/2025	11:21
VN1209MBS01	VN1209MBS01	VN088474.D	12/09/2025	12:51
SB3A	Q3784-03	VN088477.D	12/09/2025	14:05

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3784
Lab File ID: VW032560.D
BFB Injection Date: 12/03/2025
Instrument ID: MSVOA_W
BFB Injection Time: 09:27
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	21.3
75	30.0 - 60.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	68.5
175	5.0 - 9.0% of mass 174	5.2 (7.5) 1
176	95.0 - 101.0% of mass 174	67.5 (98.5) 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
VSTDICC005	VSTDICC005	VW032563.D	12/03/2025	11:32
VSTDICC010	VSTDICC010	VW032564.D	12/03/2025	11:53
VSTDICC020	VSTDICC020	VW032565.D	12/03/2025	12:15
VSTDICCC050	VSTDICCC050	VW032566.D	12/03/2025	12:37
VSTDICC100	VSTDICC100	VW032567.D	12/03/2025	12:58
VSTDICC150	VSTDICC150	VW032568.D	12/03/2025	13:20

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3784

Lab File ID: VW032582.D | BFB Injection Date: 12/08/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:11

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	20.1
75	30.0 - 60.0% of mass 95	51.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.5
175	5.0 - 9.0% of mass 174	5.4 (7.9) 1
176	95.0 - 101.0% of mass 174	64.1 (95.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.9) 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	VW032583.D	12/08/2025	09:40
VW1208SBL01	VW1208SBL01	VW032584.D	12/08/2025	10:18
VW1208SBS01	VW1208SBS01	VW032585.D	12/08/2025	11:01
SB4A	Q3784-04	VW032587.D	12/08/2025	11:56
VW1208SBSD01	VW1208SBSD01	VW032589.D	12/08/2025	12:39

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3784

Lab File ID: VN088471.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_N Time Analyzed: 10:47

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	234210	8.20	421047	9.08	382607	11.84
UPPER LIMIT	468420	8.7	842094	9.577	765214	12.341
LOWER LIMIT	117105	7.7	210524	8.577	191304	11.341
EPA SAMPLE NO.						
SB3A	229100	8.21	515203	9.08	538236	11.84
VN1209MBL01	179224	8.21	426527	9.08	423766	11.84
VN1209MBS01	227429	8.20	428540	9.08	382331	11.84

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.: Q3784

Lab File ID: VN088471.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_N Time Analyzed: 10:47

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

	IS4 AREA #	RT #				
12 HOUR STD	183020	13.765				
UPPER LIMIT	366040	14.265				
LOWER LIMIT	91510	13.265				
EPA SAMPLE NO.						
SB3A	266826	13.77				
VN1209MBL01	191763	13.77				
VN1209MBS01	181539	13.76				

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.: Q3784

Lab File ID: VW032583.D Date Analyzed: 12/08/2025

Instrument ID: MSVOA_W Time Analyzed: 09:40

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	354482	7.96	643883	8.85	585250	11.64
UPPER LIMIT	708964	8.459	1287770	9.349	1170500	12.135
LOWER LIMIT	177241	7.459	321942	8.349	292625	11.135
EPA SAMPLE NO.						
SB4A	208019	7.96	391791	8.85	366572	11.63
VW1208SBL01	314569	7.97	616405	8.85	548609	11.63
VW1208SBS01	346269	7.97	656064	8.86	619620	11.64
VW1208SBSD01	314458	7.97	582852	8.85	505370	11.63

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.: Q3784

Lab File ID: VW032583.D Date Analyzed: 12/08/2025

Instrument ID: MSVOA_W Time Analyzed: 09:40

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

	IS4 AREA #	RT #				
12 HOUR STD	270635	13.55				
UPPER LIMIT	541270	14.05				
LOWER LIMIT	135318	13.05				
EPA SAMPLE NO.						
SB4A	160550	13.56				
VW1208SBL01	222458	13.56				
VW1208SBS01	286140	13.55				
VW1208SBSD01	246600	13.56				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Lexington		Date Received:	
Client Sample ID:	VN1209MBL01		SDG No.:	Q3784
Lab Sample ID:	VN1209MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL
Analytical Method:	8260D	Level: MED	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOCMS Group1

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	12/09/25 11:21	VN120925
74-87-3	Chloromethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-01-4	Vinyl Chloride	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
74-83-9	Bromomethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-00-3	Chloroethane	130	U	1	130	500	ug/Kg	12/09/25 11:21	VN120925
75-69-4	Trichlorofluoromethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-65-0	Tert butyl alcohol	1400	U	1	1400	2500	ug/Kg	12/09/25 11:21	VN120925
75-35-4	1,1-Dichloroethene	100	U	1	100	500	ug/Kg	12/09/25 11:21	VN120925
67-64-1	Acetone	470	U	1	470	2500	ug/Kg	12/09/25 11:21	VN120925
75-15-0	Carbon Disulfide	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
1634-04-4	Methyl tert-butyl Ether	73.0	U	1	73.0	500	ug/Kg	12/09/25 11:21	VN120925
79-20-9	Methyl Acetate	150	U	1	150	500	ug/Kg	12/09/25 11:21	VN120925
75-09-2	Methylene Chloride	350	U	1	350	1000	ug/Kg	12/09/25 11:21	VN120925
156-60-5	trans-1,2-Dichloroethene	86.0	U	1	86.0	500	ug/Kg	12/09/25 11:21	VN120925
75-34-3	1,1-Dichloroethane	80.0	U	1	80.0	500	ug/Kg	12/09/25 11:21	VN120925
110-82-7	Cyclohexane	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
78-93-3	2-Butanone	650	U	1	650	2500	ug/Kg	12/09/25 11:21	VN120925
56-23-5	Carbon Tetrachloride	97.0	U	1	97.0	500	ug/Kg	12/09/25 11:21	VN120925
156-59-2	cis-1,2-Dichloroethene	75.0	U	1	75.0	500	ug/Kg	12/09/25 11:21	VN120925
74-97-5	Bromochloromethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
67-66-3	Chloroform	84.0	U	1	84.0	500	ug/Kg	12/09/25 11:21	VN120925
71-55-6	1,1,1-Trichloroethane	93.0	U	1	93.0	500	ug/Kg	12/09/25 11:21	VN120925
108-87-2	Methylcyclohexane	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
71-43-2	Benzene	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
107-06-2	1,2-Dichloroethane	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
79-01-6	Trichloroethene	81.0	U	1	81.0	500	ug/Kg	12/09/25 11:21	VN120925
78-87-5	1,2-Dichloropropane	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
75-27-4	Bromodichloromethane	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
108-10-1	4-Methyl-2-Pentanone	360	U	1	360	2500	ug/Kg	12/09/25 11:21	VN120925
108-88-3	Toluene	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
10061-02-6	t-1,3-Dichloropropene	65.0	U	1	65.0	500	ug/Kg	12/09/25 11:21	VN120925
10061-01-5	cis-1,3-Dichloropropene	62.0	U	1	62.0	500	ug/Kg	12/09/25 11:21	VN120925
79-00-5	1,1,2-Trichloroethane	92.0	U	1	92.0	500	ug/Kg	12/09/25 11:21	VN120925
591-78-6	2-Hexanone	370	U	1	370	2500	ug/Kg	12/09/25 11:21	VN120925
124-48-1	Dibromochloromethane	87.0	U	1	87.0	500	ug/Kg	12/09/25 11:21	VN120925
106-93-4	1,2-Dibromoethane	88.0	U	1	88.0	500	ug/Kg	12/09/25 11:21	VN120925
127-18-4	Tetrachloroethene	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
108-90-7	Chlorobenzene	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
100-41-4	Ethyl Benzene	67.0	U	1	67.0	500	ug/Kg	12/09/25 11:21	VN120925
179601-23-1	m/p-Xylenes	120	U	1	120	1000	ug/Kg	12/09/25 11:21	VN120925
95-47-6	o-Xylene	82.0	U	1	82.0	500	ug/Kg	12/09/25 11:21	VN120925
100-42-5	Styrene	71.0	U	1	71.0	500	ug/Kg	12/09/25 11:21	VN120925

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Lexington		Date Received:		
Client Sample ID:	VN1209MBL01		SDG No.:	Q3784	
Lab Sample ID:	VN1209MBL01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL	
Analytical Method:	8260D	Level: MED	% Solid:	100	
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOCMS Group1	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	86.0	U	1	86.0	500	ug/Kg	12/09/25 11:21	VN120925
98-82-8	Isopropylbenzene	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
79-34-5	1,1,2,2-Tetrachloroethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
541-73-1	1,3-Dichlorobenzene	170	U	1	170	500	ug/Kg	12/09/25 11:21	VN120925
106-46-7	1,4-Dichlorobenzene	160	U	1	160	500	ug/Kg	12/09/25 11:21	VN120925
95-50-1	1,2-Dichlorobenzene	150	U	1	150	500	ug/Kg	12/09/25 11:21	VN120925
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	1	180	500	ug/Kg	12/09/25 11:21	VN120925
120-82-1	1,2,4-Trichlorobenzene	300	U	1	300	500	ug/Kg	12/09/25 11:21	VN120925
87-61-6	1,2,3-Trichlorobenzene	320	U	1	320	500	ug/Kg	12/09/25 11:21	VN120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	67.3	*		70 (63) - 130 (155)	135%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.3			70 (70) - 130 (134)	109%	SPK: 50		
2037-26-5	Toluene-d8	51.2			70 (74) - 130 (123)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.0			70 (52) - 130 (138)	108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	179000							
540-36-3	1,4-Difluorobenzene	427000							
3114-55-4	Chlorobenzene-d5	424000							
3855-82-1	1,4-Dichlorobenzene-d4	192000							

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
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VW1208SBL01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

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	12/08/25 10:18	VW120825
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	12/08/25 10:18	VW120825
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	12/08/25 10:18	VW120825
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	12/08/25 10:18	VW120825
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	12/08/25 10:18	VW120825
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	12/08/25 10:18	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	12/08/25 10:18	VW120825
75-65-0	Tert butyl alcohol	13.7	U	1	13.7	25.0	ug/Kg	12/08/25 10:18	VW120825
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	12/08/25 10:18	VW120825
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	12/08/25 10:18	VW120825
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	12/08/25 10:18	VW120825
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	12/08/25 10:18	VW120825
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	12/08/25 10:18	VW120825
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	12/08/25 10:18	VW120825
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	12/08/25 10:18	VW120825
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	12/08/25 10:18	VW120825
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	12/08/25 10:18	VW120825
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	12/08/25 10:18	VW120825
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	12/08/25 10:18	VW120825
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	12/08/25 10:18	VW120825
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	12/08/25 10:18	VW120825
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	12/08/25 10:18	VW120825
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	12/08/25 10:18	VW120825
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	12/08/25 10:18	VW120825
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	12/08/25 10:18	VW120825
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	12/08/25 10:18	VW120825
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	12/08/25 10:18	VW120825
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	12/08/25 10:18	VW120825
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	12/08/25 10:18	VW120825
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	12/08/25 10:18	VW120825
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	12/08/25 10:18	VW120825
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	12/08/25 10:18	VW120825
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	12/08/25 10:18	VW120825
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	12/08/25 10:18	VW120825
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	12/08/25 10:18	VW120825
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	12/08/25 10:18	VW120825
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	12/08/25 10:18	VW120825
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	12/08/25 10:18	VW120825
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	12/08/25 10:18	VW120825
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	12/08/25 10:18	VW120825
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	12/08/25 10:18	VW120825
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	12/08/25 10:18	VW120825
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	12/08/25 10:18	VW120825

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VW1208SBL01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	12/08/25 10:18	VW120825
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	12/08/25 10:18	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	12/08/25 10:18	VW120825
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	12/08/25 10:18	VW120825
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	12/08/25 10:18	VW120825
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	12/08/25 10:18	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	12/08/25 10:18	VW120825
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	12/08/25 10:18	VW120825
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	12/08/25 10:18	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.2			70 (63) - 130 (155)	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (74) - 130 (123)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.1			70 (52) - 130 (138)	90%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	315000							
540-36-3	1,4-Difluorobenzene	616000							
3114-55-4	Chlorobenzene-d5	549000							
3855-82-1	1,4-Dichlorobenzene-d4	222000							

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:	VN1209MBS01			SDG No.:	Q3784
Lab Sample ID:	VN1209MBS01	Soil Aliquot Vol: 100 uL		Matrix:	SOIL
Analytical Method:	8260D	Level: MED		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 10000 uL		Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2100		1	110	500	ug/Kg	12/09/25 12:51	VN120925
74-87-3	Chloromethane	2200		1	110	500	ug/Kg	12/09/25 12:51	VN120925
75-01-4	Vinyl Chloride	2000		1	79.0	500	ug/Kg	12/09/25 12:51	VN120925
74-83-9	Bromomethane	2200		1	110	500	ug/Kg	12/09/25 12:51	VN120925
75-00-3	Chloroethane	2100		1	130	500	ug/Kg	12/09/25 12:51	VN120925
75-69-4	Trichlorofluoromethane	2200		1	120	500	ug/Kg	12/09/25 12:51	VN120925
76-13-1	1,1,2-Trichlorotrifluoroethane	2200		1	110	500	ug/Kg	12/09/25 12:51	VN120925
75-65-0	Tert butyl alcohol	8800		1	1400	2500	ug/Kg	12/09/25 12:51	VN120925
75-35-4	1,1-Dichloroethene	2100		1	100	500	ug/Kg	12/09/25 12:51	VN120925
67-64-1	Acetone	10100		1	470	2500	ug/Kg	12/09/25 12:51	VN120925
75-15-0	Carbon Disulfide	2000		1	110	500	ug/Kg	12/09/25 12:51	VN120925
1634-04-4	Methyl tert-butyl Ether	2300		1	73.0	500	ug/Kg	12/09/25 12:51	VN120925
79-20-9	Methyl Acetate	2300		1	150	500	ug/Kg	12/09/25 12:51	VN120925
75-09-2	Methylene Chloride	2200		1	350	1000	ug/Kg	12/09/25 12:51	VN120925
156-60-5	trans-1,2-Dichloroethene	2100		1	86.0	500	ug/Kg	12/09/25 12:51	VN120925
75-34-3	1,1-Dichloroethane	2200		1	80.0	500	ug/Kg	12/09/25 12:51	VN120925
110-82-7	Cyclohexane	2100		1	79.0	500	ug/Kg	12/09/25 12:51	VN120925
78-93-3	2-Butanone	10600		1	650	2500	ug/Kg	12/09/25 12:51	VN120925
56-23-5	Carbon Tetrachloride	2200		1	97.0	500	ug/Kg	12/09/25 12:51	VN120925
156-59-2	cis-1,2-Dichloroethene	2100		1	75.0	500	ug/Kg	12/09/25 12:51	VN120925
74-97-5	Bromochloromethane	2100		1	120	500	ug/Kg	12/09/25 12:51	VN120925
67-66-3	Chloroform	2300		1	84.0	500	ug/Kg	12/09/25 12:51	VN120925
71-55-6	1,1,1-Trichloroethane	2300		1	93.0	500	ug/Kg	12/09/25 12:51	VN120925
108-87-2	Methylcyclohexane	1900		1	91.0	500	ug/Kg	12/09/25 12:51	VN120925
71-43-2	Benzene	2100		1	79.0	500	ug/Kg	12/09/25 12:51	VN120925
107-06-2	1,2-Dichloroethane	2400		1	79.0	500	ug/Kg	12/09/25 12:51	VN120925
79-01-6	Trichloroethene	2000		1	81.0	500	ug/Kg	12/09/25 12:51	VN120925
78-87-5	1,2-Dichloropropane	2300		1	91.0	500	ug/Kg	12/09/25 12:51	VN120925
75-27-4	Bromodichloromethane	2300		1	78.0	500	ug/Kg	12/09/25 12:51	VN120925
108-10-1	4-Methyl-2-Pentanone	11300		1	360	2500	ug/Kg	12/09/25 12:51	VN120925
108-88-3	Toluene	2300		1	78.0	500	ug/Kg	12/09/25 12:51	VN120925
10061-02-6	t-1,3-Dichloropropene	2100		1	65.0	500	ug/Kg	12/09/25 12:51	VN120925
10061-01-5	cis-1,3-Dichloropropene	2200		1	62.0	500	ug/Kg	12/09/25 12:51	VN120925
79-00-5	1,1,2-Trichloroethane	2300		1	92.0	500	ug/Kg	12/09/25 12:51	VN120925
591-78-6	2-Hexanone	10900		1	370	2500	ug/Kg	12/09/25 12:51	VN120925
124-48-1	Dibromochloromethane	2200		1	87.0	500	ug/Kg	12/09/25 12:51	VN120925
106-93-4	1,2-Dibromoethane	2200		1	88.0	500	ug/Kg	12/09/25 12:51	VN120925
127-18-4	Tetrachloroethene	1800		1	110	500	ug/Kg	12/09/25 12:51	VN120925
108-90-7	Chlorobenzene	2100		1	91.0	500	ug/Kg	12/09/25 12:51	VN120925
100-41-4	Ethyl Benzene	2000		1	67.0	500	ug/Kg	12/09/25 12:51	VN120925
179601-23-1	m/p-Xylenes	4100		1	120	1000	ug/Kg	12/09/25 12:51	VN120925
95-47-6	o-Xylene	2000		1	82.0	500	ug/Kg	12/09/25 12:51	VN120925
100-42-5	Styrene	2200		1	71.0	500	ug/Kg	12/09/25 12:51	VN120925

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Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Lexington		Date Received:	
Client Sample ID:	VN1209MBS01		SDG No.:	Q3784
Lab Sample ID:	VN1209MBS01	Soil Aliquot Vol: 100 uL	Matrix:	SOIL
Analytical Method:	8260D	Level: MED	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 10000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	2200		1	86.0	500	ug/Kg	12/09/25 12:51	VN120925
98-82-8	Isopropylbenzene	2100		1	78.0	500	ug/Kg	12/09/25 12:51	VN120925
79-34-5	1,1,2,2-Tetrachloroethane	2300		1	120	500	ug/Kg	12/09/25 12:51	VN120925
541-73-1	1,3-Dichlorobenzene	2100		1	170	500	ug/Kg	12/09/25 12:51	VN120925
106-46-7	1,4-Dichlorobenzene	2100		1	160	500	ug/Kg	12/09/25 12:51	VN120925
95-50-1	1,2-Dichlorobenzene	2100		1	150	500	ug/Kg	12/09/25 12:51	VN120925
96-12-8	1,2-Dibromo-3-Chloropropane	1900		1	180	500	ug/Kg	12/09/25 12:51	VN120925
120-82-1	1,2,4-Trichlorobenzene	1800		1	300	500	ug/Kg	12/09/25 12:51	VN120925
87-61-6	1,2,3-Trichlorobenzene	1800		1	320	500	ug/Kg	12/09/25 12:51	VN120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.3			70 (63) - 130 (155)	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.3			70 (70) - 130 (134)	111%	SPK: 50		
2037-26-5	Toluene-d8	53.1			70 (74) - 130 (123)	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.9			70 (52) - 130 (138)	106%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	227000							
540-36-3	1,4-Difluorobenzene	429000							
3114-55-4	Chlorobenzene-d5	382000							
3855-82-1	1,4-Dichlorobenzene-d4	182000							

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:	VW1208SBS01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.5		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
74-87-3	Chloromethane	18.8		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-01-4	Vinyl Chloride	20.0		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
74-83-9	Bromomethane	19.6		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-00-3	Chloroethane	19.5		1	1.30	5.00	ug/Kg	12/08/25 11:01	VW120825
75-69-4	Trichlorofluoromethane	20.8		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	20.6		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-65-0	Tert butyl alcohol	89.1		1	13.7	25.0	ug/Kg	12/08/25 11:01	VW120825
75-35-4	1,1-Dichloroethene	19.6		1	1.00	5.00	ug/Kg	12/08/25 11:01	VW120825
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	12/08/25 11:01	VW120825
75-15-0	Carbon Disulfide	19.9		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/08/25 11:01	VW120825
79-20-9	Methyl Acetate	20.9		1	1.50	5.00	ug/Kg	12/08/25 11:01	VW120825
75-09-2	Methylene Chloride	19.3		1	3.50	10.0	ug/Kg	12/08/25 11:01	VW120825
156-60-5	trans-1,2-Dichloroethene	19.5		1	0.86	5.00	ug/Kg	12/08/25 11:01	VW120825
75-34-3	1,1-Dichloroethane	20.1		1	0.80	5.00	ug/Kg	12/08/25 11:01	VW120825
110-82-7	Cyclohexane	20.1		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	12/08/25 11:01	VW120825
56-23-5	Carbon Tetrachloride	19.6		1	0.97	5.00	ug/Kg	12/08/25 11:01	VW120825
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.75	5.00	ug/Kg	12/08/25 11:01	VW120825
74-97-5	Bromochloromethane	20.6		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
67-66-3	Chloroform	19.9		1	0.84	5.00	ug/Kg	12/08/25 11:01	VW120825
71-55-6	1,1,1-Trichloroethane	20.0		1	0.93	5.00	ug/Kg	12/08/25 11:01	VW120825
108-87-2	Methylcyclohexane	19.3		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
71-43-2	Benzene	19.1		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
107-06-2	1,2-Dichloroethane	20.0		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
79-01-6	Trichloroethene	19.4		1	0.81	5.00	ug/Kg	12/08/25 11:01	VW120825
78-87-5	1,2-Dichloropropane	19.9		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
75-27-4	Bromodichloromethane	19.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/08/25 11:01	VW120825
108-88-3	Toluene	19.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
10061-02-6	t-1,3-Dichloropropene	19.2		1	0.65	5.00	ug/Kg	12/08/25 11:01	VW120825
10061-01-5	cis-1,3-Dichloropropene	19.3		1	0.62	5.00	ug/Kg	12/08/25 11:01	VW120825
79-00-5	1,1,2-Trichloroethane	20.6		1	0.92	5.00	ug/Kg	12/08/25 11:01	VW120825
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/08/25 11:01	VW120825
124-48-1	Dibromochloromethane	19.4		1	0.87	5.00	ug/Kg	12/08/25 11:01	VW120825
106-93-4	1,2-Dibromoethane	20.6		1	0.88	5.00	ug/Kg	12/08/25 11:01	VW120825
127-18-4	Tetrachloroethene	18.1		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
108-90-7	Chlorobenzene	17.9		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
100-41-4	Ethyl Benzene	18.2		1	0.67	5.00	ug/Kg	12/08/25 11:01	VW120825
179601-23-1	m/p-Xylenes	37.4		1	1.20	10.0	ug/Kg	12/08/25 11:01	VW120825
95-47-6	o-Xylene	18.0		1	0.82	5.00	ug/Kg	12/08/25 11:01	VW120825
100-42-5	Styrene	19.3		1	0.71	5.00	ug/Kg	12/08/25 11:01	VW120825

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:	VW1208SBS01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	19.1		1	0.86	5.00	ug/Kg	12/08/25 11:01	VW120825
98-82-8	Isopropylbenzene	18.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
541-73-1	1,3-Dichlorobenzene	19.3		1	1.70	5.00	ug/Kg	12/08/25 11:01	VW120825
106-46-7	1,4-Dichlorobenzene	18.9		1	1.60	5.00	ug/Kg	12/08/25 11:01	VW120825
95-50-1	1,2-Dichlorobenzene	19.7		1	1.50	5.00	ug/Kg	12/08/25 11:01	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1	1.80	5.00	ug/Kg	12/08/25 11:01	VW120825
120-82-1	1,2,4-Trichlorobenzene	17.3		1	3.00	5.00	ug/Kg	12/08/25 11:01	VW120825
87-61-6	1,2,3-Trichlorobenzene	17.9		1	3.20	5.00	ug/Kg	12/08/25 11:01	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.1			70 (63) - 130 (155)	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 (70) - 130 (134)	97%	SPK: 50		
2037-26-5	Toluene-d8	47.7			70 (74) - 130 (123)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			70 (52) - 130 (138)	95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	346000							
540-36-3	1,4-Difluorobenzene	656000							
3114-55-4	Chlorobenzene-d5	620000							
3855-82-1	1,4-Dichlorobenzene-d4	286000							

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
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J = Estimated Value
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VW1208SBSD01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.0		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
74-87-3	Chloromethane	18.9		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
75-01-4	Vinyl Chloride	20.9		1	0.79	5.00	ug/Kg	12/08/25 12:39	VW120825
74-83-9	Bromomethane	19.9		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
75-00-3	Chloroethane	19.8		1	1.30	5.00	ug/Kg	12/08/25 12:39	VW120825
75-69-4	Trichlorofluoromethane	21.1		1	1.20	5.00	ug/Kg	12/08/25 12:39	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	21.9		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
75-65-0	Tert butyl alcohol	92.1		1	13.7	25.0	ug/Kg	12/08/25 12:39	VW120825
75-35-4	1,1-Dichloroethene	20.0		1	1.00	5.00	ug/Kg	12/08/25 12:39	VW120825
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	12/08/25 12:39	VW120825
75-15-0	Carbon Disulfide	19.6		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
1634-04-4	Methyl tert-butyl Ether	20.7		1	0.73	5.00	ug/Kg	12/08/25 12:39	VW120825
79-20-9	Methyl Acetate	20.1		1	1.50	5.00	ug/Kg	12/08/25 12:39	VW120825
75-09-2	Methylene Chloride	20.6		1	3.50	10.0	ug/Kg	12/08/25 12:39	VW120825
156-60-5	trans-1,2-Dichloroethene	19.8		1	0.86	5.00	ug/Kg	12/08/25 12:39	VW120825
75-34-3	1,1-Dichloroethane	19.8		1	0.80	5.00	ug/Kg	12/08/25 12:39	VW120825
110-82-7	Cyclohexane	20.6		1	0.79	5.00	ug/Kg	12/08/25 12:39	VW120825
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	12/08/25 12:39	VW120825
56-23-5	Carbon Tetrachloride	19.8		1	0.97	5.00	ug/Kg	12/08/25 12:39	VW120825
156-59-2	cis-1,2-Dichloroethene	19.4		1	0.75	5.00	ug/Kg	12/08/25 12:39	VW120825
74-97-5	Bromochloromethane	29.0		1	1.20	5.00	ug/Kg	12/08/25 12:39	VW120825
67-66-3	Chloroform	20.0		1	0.84	5.00	ug/Kg	12/08/25 12:39	VW120825
71-55-6	1,1,1-Trichloroethane	20.1		1	0.93	5.00	ug/Kg	12/08/25 12:39	VW120825
108-87-2	Methylcyclohexane	20.5		1	0.91	5.00	ug/Kg	12/08/25 12:39	VW120825
71-43-2	Benzene	19.6		1	0.79	5.00	ug/Kg	12/08/25 12:39	VW120825
107-06-2	1,2-Dichloroethane	20.5		1	0.79	5.00	ug/Kg	12/08/25 12:39	VW120825
79-01-6	Trichloroethene	19.4		1	0.81	5.00	ug/Kg	12/08/25 12:39	VW120825
78-87-5	1,2-Dichloropropane	20.2		1	0.91	5.00	ug/Kg	12/08/25 12:39	VW120825
75-27-4	Bromodichloromethane	19.8		1	0.78	5.00	ug/Kg	12/08/25 12:39	VW120825
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/08/25 12:39	VW120825
108-88-3	Toluene	20.4		1	0.78	5.00	ug/Kg	12/08/25 12:39	VW120825
10061-02-6	t-1,3-Dichloropropene	19.8		1	0.65	5.00	ug/Kg	12/08/25 12:39	VW120825
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.62	5.00	ug/Kg	12/08/25 12:39	VW120825
79-00-5	1,1,2-Trichloroethane	20.3		1	0.92	5.00	ug/Kg	12/08/25 12:39	VW120825
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/08/25 12:39	VW120825
124-48-1	Dibromochloromethane	20.2		1	0.87	5.00	ug/Kg	12/08/25 12:39	VW120825
106-93-4	1,2-Dibromoethane	20.4		1	0.88	5.00	ug/Kg	12/08/25 12:39	VW120825
127-18-4	Tetrachloroethene	19.9		1	1.10	5.00	ug/Kg	12/08/25 12:39	VW120825
108-90-7	Chlorobenzene	20.3		1	0.91	5.00	ug/Kg	12/08/25 12:39	VW120825
100-41-4	Ethyl Benzene	20.4		1	0.67	5.00	ug/Kg	12/08/25 12:39	VW120825
179601-23-1	m/p-Xylenes	41.4		1	1.20	10.0	ug/Kg	12/08/25 12:39	VW120825
95-47-6	o-Xylene	20.7		1	0.82	5.00	ug/Kg	12/08/25 12:39	VW120825
100-42-5	Styrene	20.9		1	0.71	5.00	ug/Kg	12/08/25 12:39	VW120825

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Lexington			Date Received:	
Client Sample ID:	VW1208SBSD01			SDG No.:	Q3784
Lab Sample ID:	VW1208SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	20.8		1	0.86	5.00	ug/Kg	12/08/25 12:39	VW120825
98-82-8	Isopropylbenzene	20.4		1	0.78	5.00	ug/Kg	12/08/25 12:39	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	21.8		1	1.20	5.00	ug/Kg	12/08/25 12:39	VW120825
541-73-1	1,3-Dichlorobenzene	20.3		1	1.70	5.00	ug/Kg	12/08/25 12:39	VW120825
106-46-7	1,4-Dichlorobenzene	19.8		1	1.60	5.00	ug/Kg	12/08/25 12:39	VW120825
95-50-1	1,2-Dichlorobenzene	21.1		1	1.50	5.00	ug/Kg	12/08/25 12:39	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	20.7		1	1.80	5.00	ug/Kg	12/08/25 12:39	VW120825
120-82-1	1,2,4-Trichlorobenzene	19.6		1	3.00	5.00	ug/Kg	12/08/25 12:39	VW120825
87-61-6	1,2,3-Trichlorobenzene	19.5		1	3.20	5.00	ug/Kg	12/08/25 12:39	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.6			70 (63) - 130 (155)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.3			70 (70) - 130 (134)	109%	SPK: 50		
2037-26-5	Toluene-d8	55.7			70 (74) - 130 (123)	111%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.4			70 (52) - 130 (138)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	314000							
540-36-3	1,4-Difluorobenzene	583000							
3114-55-4	Chlorobenzene-d5	505000							
3855-82-1	1,4-Dichlorobenzene-d4	247000							

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.: Q3784

Instrument ID: MSVOA_N Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:38 14:35

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

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.719	0.676	0.796	0.741	0.838	0.736	0.751	7.7
Chloromethane	0.911	0.800	0.805	0.801	0.759	0.764	0.807	6.8
Vinyl Chloride	0.804	0.844	0.856	0.812	0.837	0.772	0.821	3.8
Bromomethane		0.407	0.392	0.396	0.387	0.392	0.395	1.9
Chloroethane	0.555	0.503	0.496	0.505	0.502	0.485	0.508	4.8
Trichlorofluoromethane	1.234	1.170	1.168	1.092	1.201	1.055	1.153	5.8
1,1,2-Trichlorotrifluoroethane	0.660	0.635	0.639	0.564	0.633	0.553	0.614	7.2
Tert butyl alcohol		0.151	0.149	0.161	0.142	0.148	0.150	4.6
1,1-Dichloroethene	0.722	0.620	0.601	0.568	0.595	0.554	0.610	9.8
Acetone	0.412	0.355	0.322	0.335	0.305	0.314	0.341	11.5
Carbon Disulfide	2.061	2.043	2.043	1.983	1.996	1.833	1.993	4.2
Methyl tert-butyl Ether	2.126	2.239	2.245	2.504	2.265	2.333	2.285	5.5
Methyl Acetate	1.072	1.048	0.957	1.049	0.972	0.985	1.014	4.7
Methylene Chloride	0.797	0.752	0.704	0.756	0.686	0.678	0.729	6.4
trans-1,2-Dichloroethene	0.752	0.668	0.676	0.686	0.647	0.626	0.676	6.4
1,1-Dichloroethane	1.389	1.431	1.348	1.427	1.321	1.286	1.367	4.3
Cyclohexane		1.450	1.264	1.133	1.237	1.109	1.239	10.9
2-Butanone	0.509	0.538	0.548	0.596	0.540	0.556	0.548	5.2
Carbon Tetrachloride	0.565	0.504	0.548	0.499	0.570	0.509	0.532	6
cis-1,2-Dichloroethene	0.797	0.801	0.794	0.829	0.747	0.744	0.785	4.2
Bromochloromethane	0.724	0.722	0.684	0.735	0.624	0.597	0.681	8.5
Chloroform	1.377	1.362	1.351	1.392	1.291	1.285	1.343	3.3
1,1,1-Trichloroethane	1.247	1.219	1.192	1.158	1.166	1.104	1.181	4.3
Methylcyclohexane	0.534	0.542	0.606	0.527	0.662	0.561	0.572	9.1
Benzene	1.658	1.555	1.609	1.559	1.559	1.477	1.570	3.9
1,2-Dichloroethane	0.583	0.614	0.596	0.615	0.597	0.587	0.599	2.3
Trichloroethene	0.382	0.385	0.383	0.357	0.371	0.348	0.371	4.1
1,2-Dichloropropane	0.426	0.402	0.402	0.406	0.396	0.381	0.402	3.6
Bromodichloromethane	0.602	0.586	0.586	0.589	0.583	0.566	0.586	2
4-Methyl-2-Pentanone	0.540	0.616	0.661	0.673	0.658	0.651	0.633	7.8

* 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 ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3784

Instrument ID: MSVOA_N | Calibration Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N | Calibration Time(s): 12:38 14:35

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

LAB FILE ID: RRF001 = VN088344.D RRF005 = VN088345.D RRF020 = VN088346.D
RRF050 = VN088347.D RRF100 = VN088348.D RRF150 = VN088349.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.829	0.885	0.940	0.913	0.960	0.911	0.906	5.1
t-1,3-Dichloropropene	0.567	0.553	0.598	0.631	0.631	0.625	0.601	5.7
cis-1,3-Dichloropropene	0.590	0.618	0.628	0.662	0.654	0.640	0.632	4.2
1,1,2-Trichloroethane	0.350	0.359	0.364	0.353	0.341	0.336	0.351	3
2-Hexanone	0.359	0.301	0.406	0.436	0.442	0.450	0.399	14.7
Dibromochloromethane	0.384	0.386	0.406	0.409	0.410	0.404	0.400	2.9
1,2-Dibromoethane	0.304	0.367	0.364	0.369	0.367	0.359	0.355	7.2
Tetrachloroethene	0.426	0.388	0.413	0.377	0.407	0.367	0.396	5.7
Chlorobenzene	1.114	1.142	1.161	1.106	1.145	1.070	1.123	3
Ethyl Benzene	1.881	1.860	2.014	1.938	2.133	1.952	1.963	5.1
m/p-Xylenes	0.658	0.690	0.769	0.733	0.788	0.728	0.728	6.6
o-Xylene	0.670	0.619	0.722	0.696	0.749	0.708	0.694	6.5
Styrene	0.884	1.025	1.163	1.193	1.284	1.210	1.127	12.9
Bromoform	0.224	0.273	0.285	0.285	0.302	0.295	0.277	10.1
Isopropylbenzene	3.339	3.528	3.944	3.624	4.040	3.706	3.697	7.1
1,1,2,2-Tetrachloroethane	1.377	1.218	1.231	1.127	1.135	1.082	1.195	8.9
1,3-Dichlorobenzene	1.730	1.573	1.720	1.606	1.676	1.574	1.647	4.3
1,4-Dichlorobenzene	1.747	1.825	1.786	1.681	1.702	1.608	1.725	4.5
1,2-Dichlorobenzene	1.518	1.574	1.583	1.521	1.595	1.505	1.550	2.5
1,2-Dibromo-3-Chloropropane	0.284	0.284	0.284	0.288	0.300	0.300	0.290	2.8
1,2,4-Trichlorobenzene	0.998	0.864	0.901	0.889	0.955	0.917	0.921	5.3
1,2,3-Trichlorobenzene	0.942	0.850	0.888	0.875	0.930	0.891	0.896	3.8
1,2-Dichloroethane-d4		0.954	0.916	0.999	0.882	0.960	0.942	4.7
Dibromofluoromethane		0.361	0.350	0.350	0.334	0.337	0.346	3.2
Toluene-d8		1.249	1.292	1.285	1.308	1.313	1.289	2
4-Bromofluorobenzene		0.402	0.413	0.448	0.466	0.482	0.442	7.7

* 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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3784

Instrument ID: MSVOA_W | Calibration Date(s): 12/03/2025 12/03/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 11:32 13:20

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

LAB FILE ID: RRF005 = VW032563.D RRF010 = VW032564.D RRF020 = VW032565.D
RRF050 = VW032566.D RRF100 = VW032567.D RRF150 = VW032568.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.348	0.337	0.318	0.271	0.286	0.297	0.309	9.7
Chloromethane	0.708	0.617	0.544	0.487	0.510	0.547	0.569	14.3
Vinyl Chloride	0.788	0.749	0.691	0.633	0.634	0.647	0.690	9.5
Bromomethane	0.521	0.498	0.453	0.417	0.425	0.436	0.458	9.2
Chloroethane	0.488	0.471	0.438	0.420	0.419	0.439	0.446	6.3
Trichlorofluoromethane	0.519	0.561	0.537	0.514	0.531	0.548	0.535	3.3
1,1,2-Trichlorotrifluoroethane	0.652	0.608	0.557	0.531	0.515	0.531	0.566	9.4
Tert butyl alcohol	0.071	0.052	0.059	0.054	0.053	0.055	0.057	12.7
1,1-Dichloroethene	0.727	0.648	0.644	0.600	0.593	0.614	0.638	7.7
Acetone	0.253	0.199	0.215	0.239	0.242	0.247	0.233	9
Carbon Disulfide	2.046	1.955	1.856	1.785	1.809	1.885	1.889	5.1
Methyl tert-butyl Ether	1.163	1.121	1.191	1.201	1.220	1.236	1.189	3.5
Methyl Acetate	0.509	0.439	0.463	0.488	0.483	0.491	0.479	5.1
Methylene Chloride	1.119	0.913	0.790	0.723	0.715	0.728	0.832	19.2
trans-1,2-Dichloroethene	0.756	0.724	0.678	0.661	0.665	0.697	0.697	5.3
1,1-Dichloroethane	1.435	1.402	1.329	1.289	1.312	1.349	1.353	4.1
Cyclohexane	1.385	1.263	1.165	1.108	1.114	1.122	1.193	9.3
2-Butanone	0.299	0.257	0.296	0.307	0.309	0.323	0.298	7.5
Carbon Tetrachloride	0.479	0.491	0.459	0.449	0.449	0.470	0.466	3.6
cis-1,2-Dichloroethene	0.844	0.802	0.798	0.780	0.805	0.839	0.811	3.1
Bromochloromethane	0.542	0.650	0.610	0.614	0.615	0.614	0.608	5.8
Chloroform	1.459	1.405	1.318	1.255	1.292	1.326	1.342	5.6
1,1,1-Trichloroethane	1.044	1.055	0.952	0.920	0.922	0.952	0.974	6.2
Methylcyclohexane	0.601	0.599	0.590	0.623	0.616	0.648	0.613	3.5
Benzene	1.659	1.627	1.596	1.560	1.546	1.608	1.599	2.6
1,2-Dichloroethane	0.504	0.483	0.498	0.488	0.474	0.496	0.490	2.3
Trichloroethene	0.363	0.365	0.355	0.348	0.354	0.360	0.357	1.9
1,2-Dichloropropane	0.403	0.395	0.403	0.391	0.389	0.404	0.397	1.7
Bromodichloromethane	0.546	0.529	0.529	0.531	0.528	0.568	0.538	3
4-Methyl-2-Pentanone	0.299	0.284	0.345	0.359	0.344	0.351	0.330	9.3

* 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,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3784

Instrument ID: MSVOA_W | Calibration Date(s): 12/03/2025 12/03/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 11:32 13:20

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

LAB FILE ID: RRF005 = VW032563.D RRF010 = VW032564.D RRF020 = VW032565.D
RRF050 = VW032566.D RRF100 = VW032567.D RRF150 = VW032568.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.920	0.950	0.977	0.959	0.968	1.008	0.964	3
t-1,3-Dichloropropene	0.462	0.469	0.508	0.526	0.552	0.582	0.517	9.1
cis-1,3-Dichloropropene	0.562	0.574	0.609	0.611	0.627	0.654	0.606	5.6
1,1,2-Trichloroethane	0.319	0.299	0.309	0.305	0.300	0.313	0.308	2.6
2-Hexanone	0.200	0.194	0.242	0.263	0.252	0.260	0.235	13
Dibromochloromethane	0.339	0.333	0.338	0.339	0.361	0.359	0.345	3.5
1,2-Dibromoethane	0.290	0.283	0.299	0.295	0.288	0.301	0.293	2.4
Tetrachloroethene	0.366	0.326	0.340	0.322	0.312	0.334	0.333	5.6
Chlorobenzene	1.180	1.193	1.189	1.176	1.154	1.197	1.181	1.3
Ethyl Benzene	1.899	1.925	2.001	2.034	2.023	2.150	2.005	4.4
m/p-Xylenes	0.712	0.747	0.772	0.780	0.766	0.797	0.762	3.9
o-Xylene	0.610	0.655	0.704	0.741	0.726	0.754	0.698	7.9
Styrene	1.067	1.170	1.258	1.276	1.270	1.307	1.225	7.4
Bromoform	0.189	0.187	0.193	0.207	0.205	0.225	0.201	7.2
Isopropylbenzene	3.269	3.475	3.637	3.874	3.740	4.259	3.709	9.2
1,1,2,2-Tetrachloroethane	0.860	0.824	0.873	0.910	0.833	0.939	0.873	5.1
1,3-Dichlorobenzene	1.808	1.804	1.721	1.784	1.705	1.936	1.793	4.6
1,4-Dichlorobenzene	1.850	1.866	1.730	1.782	1.635	1.813	1.779	4.8
1,2-Dichlorobenzene	1.624	1.567	1.559	1.577	1.466	1.643	1.572	3.9
1,2-Dibromo-3-Chloropropane	0.163	0.122	0.145	0.157	0.147	0.169	0.151	11.1
1,2,4-Trichlorobenzene	0.928	0.872	0.911	0.946	0.949	1.140	0.958	9.8
1,2,3-Trichlorobenzene	0.809	0.816	0.810	0.891	0.895	0.999	0.870	8.6
1,2-Dichloroethane-d4	0.715	0.795	0.756	0.729	0.735	0.735	0.744	3.8
Dibromofluoromethane	0.300	0.350	0.329	0.332	0.327	0.336	0.329	5
Toluene-d8	1.088	1.281	1.262	1.256	1.264	1.277	1.238	6
4-Bromofluorobenzene	0.418	0.486	0.458	0.470	0.455	0.458	0.457	4.9

* 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 CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3784
Instrument ID: MSVOA_N
Calibration Date/Time: 12/09/2025 10:47
Lab File ID: VN088471.D
Init. Calib. Date(s): 11/24/2025 11/24/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:38 14:35
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.751	0.768		2.26	20
Chloromethane	0.807	0.782	0.1	-3.1	20
Vinyl Chloride	0.821	0.786		-4.26	20
Bromomethane	0.395	0.374		-5.32	20
Chloroethane	0.508	0.522		2.76	20
Trichlorofluoromethane	1.153	1.226		6.33	20
1,1,2-Trichlorotrifluoroethane	0.614	0.638		3.91	20
Tert butyl alcohol	0.150	0.119		-20.67	20
1,1-Dichloroethene	0.610	0.604		-0.98	20
Acetone	0.341	0.275		-19.35	20
Carbon Disulfide	1.993	1.889		-5.22	20
Methyl tert-butyl Ether	2.285	2.532		10.81	20
Methyl Acetate	1.014	1.115		9.96	20
Methylene Chloride	0.729	0.736		0.96	20
trans-1,2-Dichloroethene	0.676	0.700		3.55	20
1,1-Dichloroethane	1.367	1.473	0.1	7.75	20
Cyclohexane	1.239	1.268		2.34	20
2-Butanone	0.548	0.525		-4.2	20
Carbon Tetrachloride	0.532	0.598		12.41	20
cis-1,2-Dichloroethene	0.785	0.821		4.59	20
Bromochloromethane	0.681	0.688		1.03	20
Chloroform	1.343	1.490		10.95	20
1,1,1-Trichloroethane	1.181	1.278		8.21	20
Methylcyclohexane	0.572	0.557		-2.62	20
Benzene	1.570	1.677		6.82	20
1,2-Dichloroethane	0.599	0.700		16.86	20
Trichloroethene	0.371	0.365		-1.62	20
1,2-Dichloropropane	0.402	0.447		11.19	20
Bromodichloromethane	0.586	0.659		12.46	20
4-Methyl-2-Pentanone	0.633	0.719		13.59	20
Toluene	0.906	1.008		11.26	20
t-1,3-Dichloropropene	0.601	0.655		8.98	20
cis-1,3-Dichloropropene	0.632	0.711		12.5	20
1,1,2-Trichloroethane	0.351	0.397		13.1	20
2-Hexanone	0.399	0.452		13.28	20
Dibromochloromethane	0.400	0.449		12.25	20
1,2-Dibromoethane	0.355	0.390		9.86	20
Tetrachloroethene	0.396	0.344		-13.13	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.: Q3784

Instrument ID: MSVOA_N | Calibration Date/Time: 12/09/2025 10:47

Lab File ID: VN088471.D | Init. Calib. Date(s): 11/24/2025 11/24/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:38 14:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.123	1.153	0.3	2.67	20
Ethyl Benzene	1.963	2.050		4.43	20
m/p-Xylenes	0.728	0.770		5.77	20
o-Xylene	0.694	0.721		3.89	20
Styrene	1.127	1.265		12.24	20
Bromoform	0.277	0.306	0.1	10.47	20
Isopropylbenzene	3.697	3.950		6.84	20
1,1,2,2-Tetrachloroethane	1.195	1.328	0.3	11.13	20
1,3-Dichlorobenzene	1.647	1.703		3.4	20
1,4-Dichlorobenzene	1.725	1.721		-0.23	20
1,2-Dichlorobenzene	1.550	1.639		5.74	20
1,2-Dibromo-3-Chloropropane	0.290	0.302		4.14	20
1,2,4-Trichlorobenzene	0.921	0.845		-8.25	20
1,2,3-Trichlorobenzene	0.896	0.842		-6.03	20
1,2-Dichloroethane-d4	0.942	0.945		0.32	20
Dibromofluoromethane	0.346	0.341		-1.45	20
Toluene-d8	1.289	1.242		-3.65	20
4-Bromofluorobenzene	0.442	0.428		-3.17	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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3784
Instrument ID: MSVOA_W
Calibration Date/Time: 12/08/2025 09:40
Lab File ID: VW032583.D
Init. Calib. Date(s): 12/03/2025 12/03/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 11:32 13:20
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.309	0.307		-0.65	20
Chloromethane	0.569	0.510	0.1	-10.37	20
Vinyl Chloride	0.690	0.699		1.3	20
Bromomethane	0.458	0.449		-1.97	20
Chloroethane	0.446	0.438		-1.79	20
Trichlorofluoromethane	0.535	0.523		-2.24	20
1,1,2-Trichlorotrifluoroethane	0.566	0.601		6.18	20
Tert butyl alcohol	0.057	0.046		-19.3	20
1,1-Dichloroethene	0.638	0.645		1.1	20
Acetone	0.233	0.234		0.43	20
Carbon Disulfide	1.889	1.890		0.05	20
Methyl tert-butyl Ether	1.189	1.253		5.38	20
Methyl Acetate	0.479	0.500		4.38	20
Methylene Chloride	0.832	0.746		-10.34	20
trans-1,2-Dichloroethene	0.697	0.703		0.86	20
1,1-Dichloroethane	1.353	1.368	0.1	1.11	20
Cyclohexane	1.193	1.223		2.52	20
2-Butanone	0.298	0.296		-0.67	20
Carbon Tetrachloride	0.466	0.494		6.01	20
cis-1,2-Dichloroethene	0.811	0.800		-1.36	20
Bromochloromethane	0.608	0.594		-2.3	20
Chloroform	1.342	1.345		0.22	20
1,1,1-Trichloroethane	0.974	0.986		1.23	20
Methylcyclohexane	0.613	0.687		12.07	20
Benzene	1.599	1.610		0.69	20
1,2-Dichloroethane	0.490	0.497		1.43	20
Trichloroethene	0.357	0.367		2.8	20
1,2-Dichloropropane	0.397	0.411		3.53	20
Bromodichloromethane	0.538	0.560		4.09	20
4-Methyl-2-Pentanone	0.330	0.343		3.94	20
Toluene	0.964	0.994		3.11	20
t-1,3-Dichloropropene	0.517	0.546		5.61	20
cis-1,3-Dichloropropene	0.606	0.638		5.28	20
1,1,2-Trichloroethane	0.308	0.313		1.62	20
2-Hexanone	0.235	0.247		5.11	20
Dibromochloromethane	0.345	0.354		2.61	20
1,2-Dibromoethane	0.293	0.297		1.37	20
Tetrachloroethene	0.333	0.328		-1.5	20

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 CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3784

Instrument ID: MSVOA_W | Calibration Date/Time: 12/08/2025 09:40

Lab File ID: VW032583.D | Init. Calib. Date(s): 12/03/2025 12/03/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 11:32 13:20

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.181	1.201	0.3	1.69	20
Ethyl Benzene	2.005	2.109		5.19	20
m/p-Xylenes	0.762	0.815		6.95	20
o-Xylene	0.698	0.732		4.87	20
Styrene	1.225	1.315		7.35	20
Bromoform	0.201	0.209	0.1	3.98	20
Isopropylbenzene	3.709	4.009		8.09	20
1,1,2,2-Tetrachloroethane	0.873	0.912	0.3	4.47	20
1,3-Dichlorobenzene	1.793	1.824		1.73	20
1,4-Dichlorobenzene	1.779	1.868		5	20
1,2-Dichlorobenzene	1.572	1.632		3.82	20
1,2-Dibromo-3-Chloropropane	0.151	0.155		2.65	20
1,2,4-Trichlorobenzene	0.958	0.988		3.13	20
1,2,3-Trichlorobenzene	0.870	0.944		8.51	20
1,2-Dichloroethane-d4	0.744	0.659		-11.43	20
Dibromofluoromethane	0.329	0.298		-9.42	20
Toluene-d8	1.238	1.131		-8.64	20
4-Bromofluorobenzene	0.457	0.415		-9.19	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 05:06:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	229100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	515203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	538236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	266826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	257201	59.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.200%			
35) Dibromofluoromethane	8.147	113	180222	50.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.541	98	750946	56.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.060%#			
62) 4-Bromofluorobenzene	12.823	95	307388	67.437	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 134.880%#			
Target Compounds						Qvalue
31) Cyclohexane	8.224	56	114926m	20.248	ug/l	
39) Methylcyclohexane	9.577	83	877529	148.888	ug/l	92
52) Toluene	10.606	92	128860	13.799	ug/l	97
67) Ethyl Benzene	11.935	91	421017	19.925	ug/l	98
73) Isopropylbenzene	12.670	105	253478	12.848	ug/l	99
78) n-propylbenzene	13.012	91	768892	31.857	ug/l	99
85) sec-Butylbenzene	13.588	105	100579	5.038	ug/l #	56
86) p-Isopropyltoluene	13.700	119	76041	4.645	ug/l	98
89) n-Butylbenzene	14.029	91	150166m	9.447	ug/l	
95) Naphthalene	15.611	128	63854m	3.751	ug/l	

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

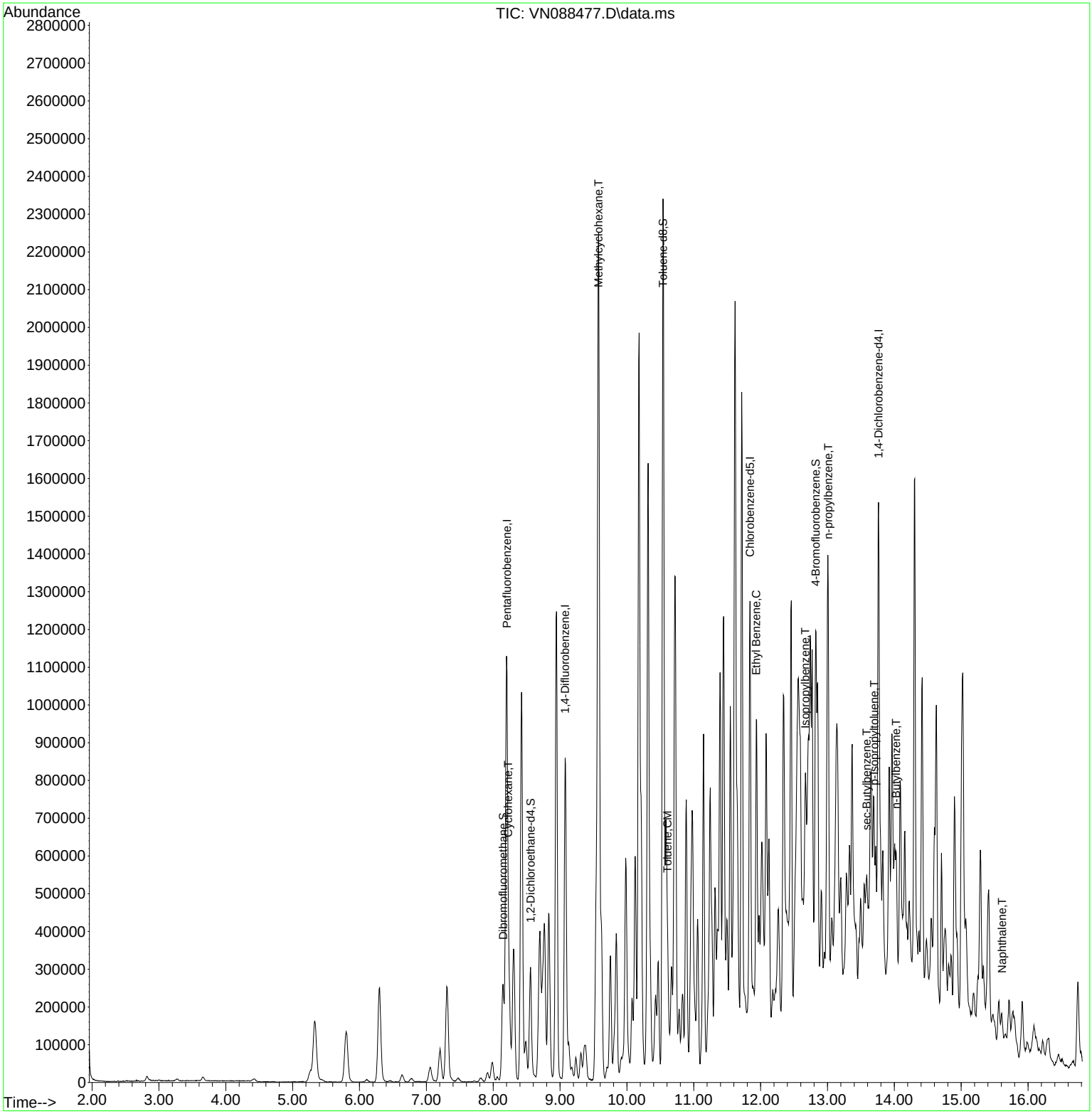
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

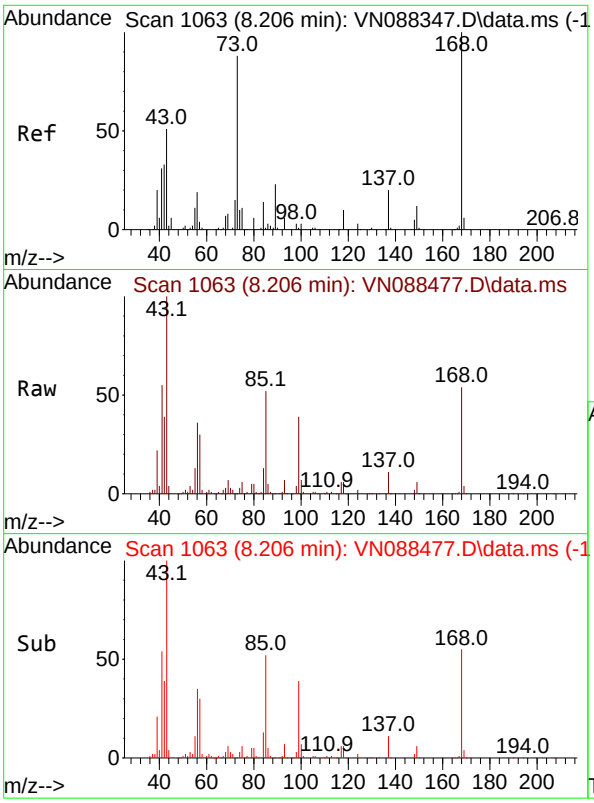
Quant Time: Dec 10 05:06:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:168 Resp: 22910

Ion	Ratio	Lower	Upper
168	100		
99	71.7	57.1	85.7

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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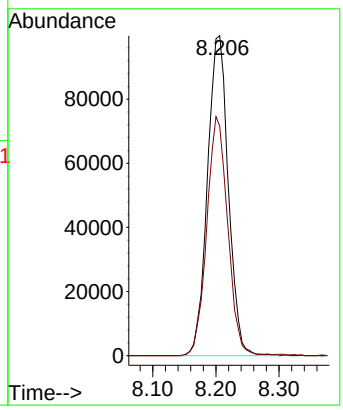
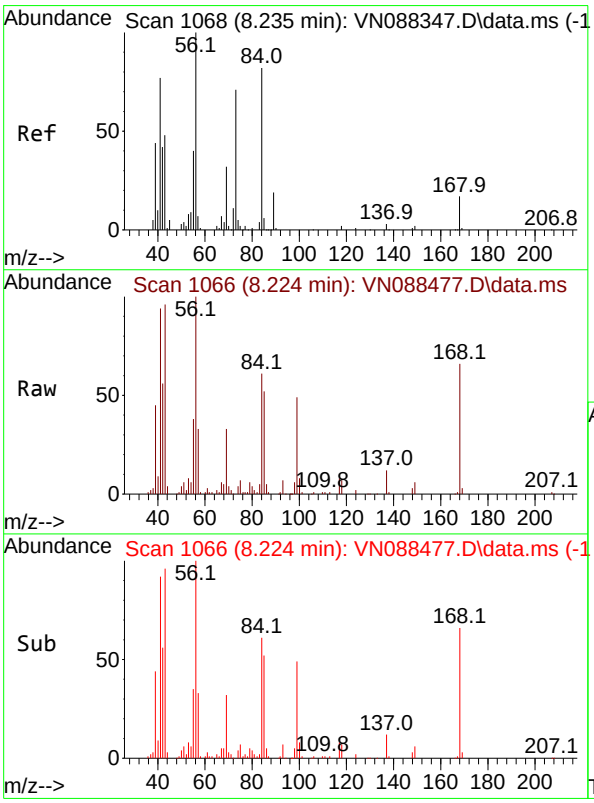
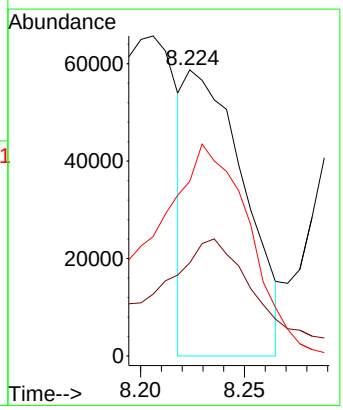


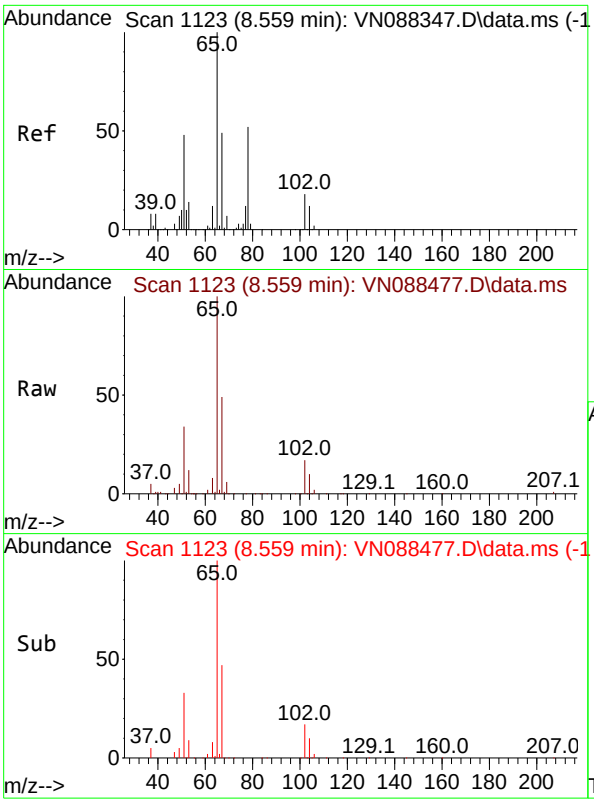


#31
Cyclohexane
Concen: 20.248 ug/l m
RT: 8.224 min Scan# 1066
Delta R.T. -0.012 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 56 Resp: 114926

Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.3	37.9
84	61.0	65.4	98.2#





#33
1,2-Dichloroethane-d4
Concen: 59.595 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 65 Resp: 25720

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	100.8

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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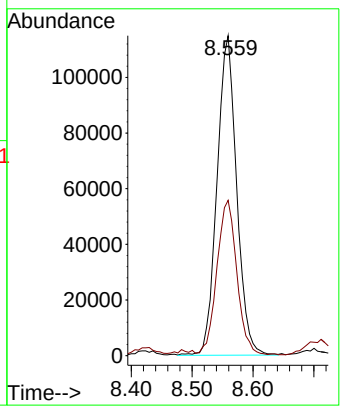
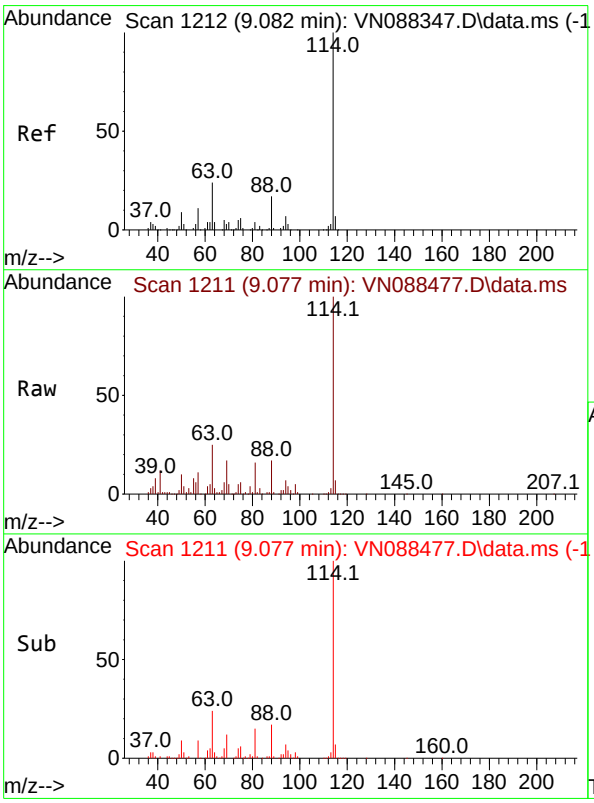
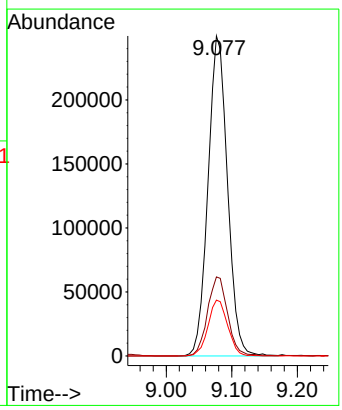


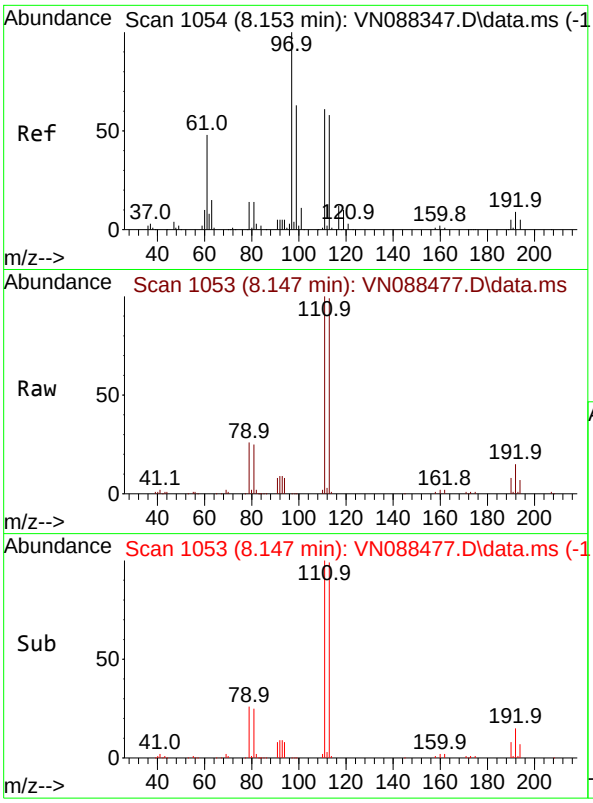


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.077 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:114 Resp: 515203

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.0
88	17.4	0.0	34.0





#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:113 Resp: 18022

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	16.1	12.8	19.2

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations
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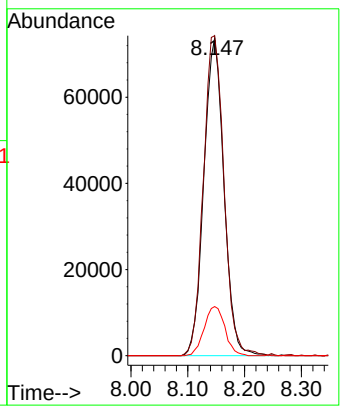
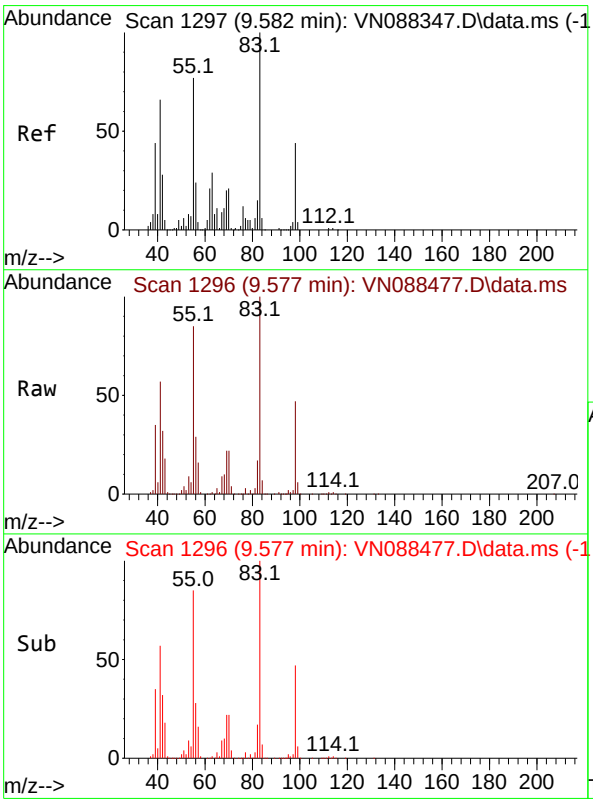
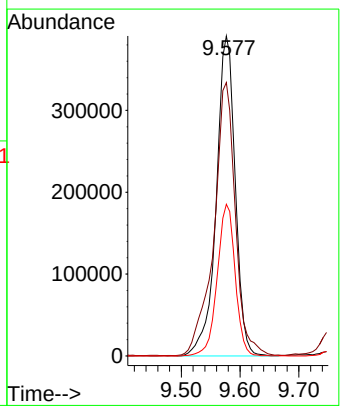


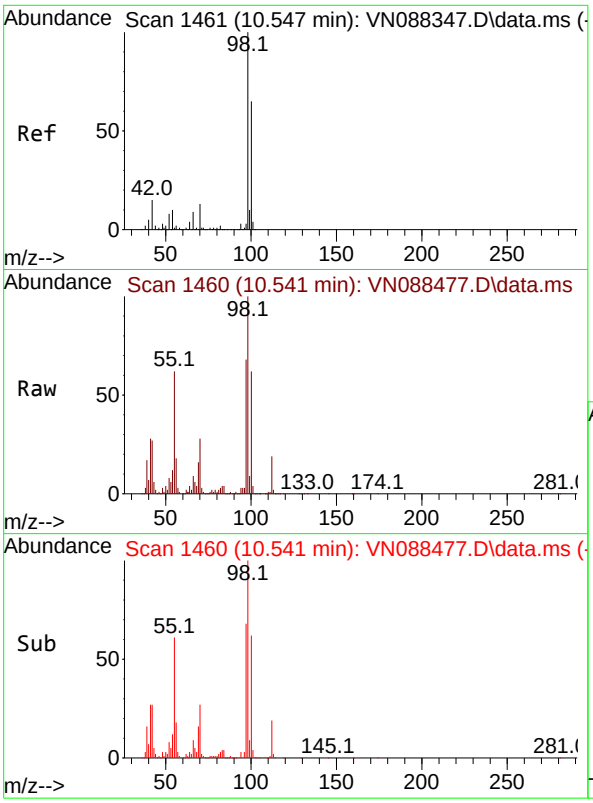


#39
Methylcyclohexane
Concen: 148.888 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 83 Resp: 877529

Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.6	92.4
98	47.4	35.3	52.9





#50
Toluene-d8
Concen: 56.528 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 98 Resp: 75094

Ion	Ratio	Lower	Upper
98	100		
100	59.9	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations
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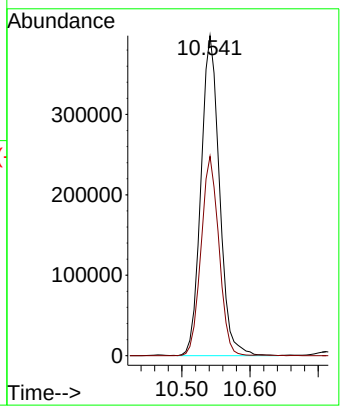
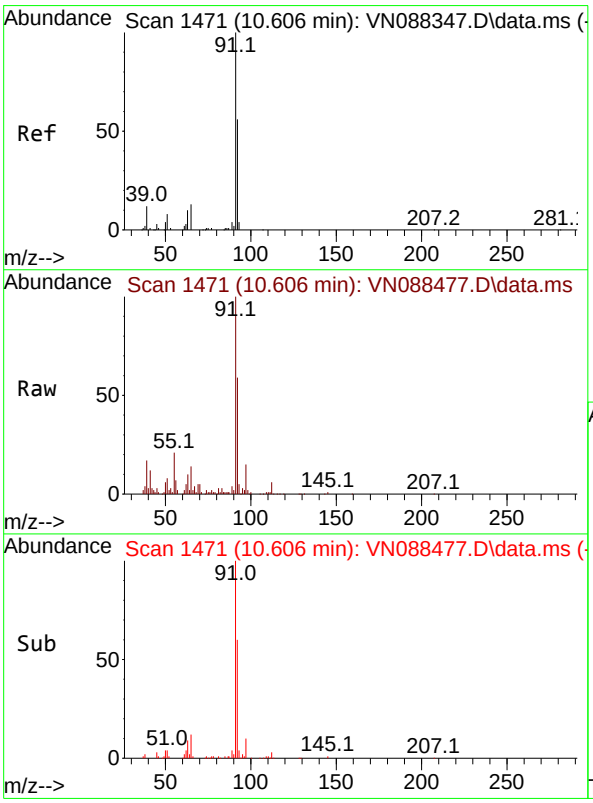
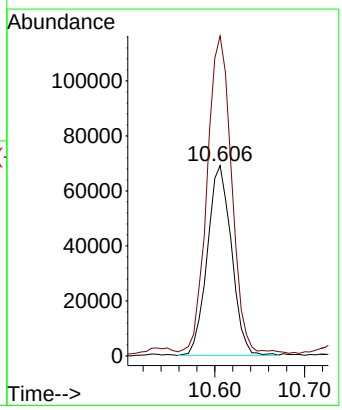




#52
Toluene
Concen: 13.799 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 92 Resp: 128860

Ion	Ratio	Lower	Upper
92	100		
91	171.1	140.2	210.2



5

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations APPROVED
Reviewed By :John Carlone 12/10/2025
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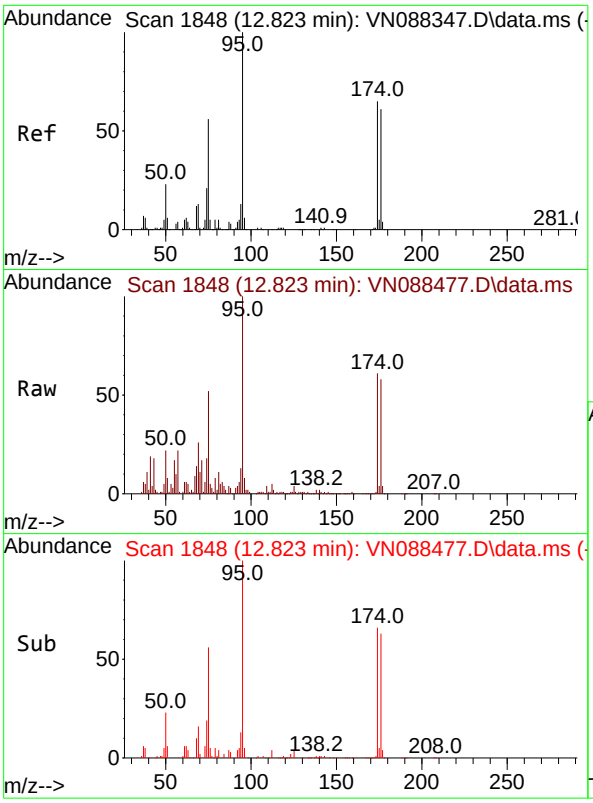
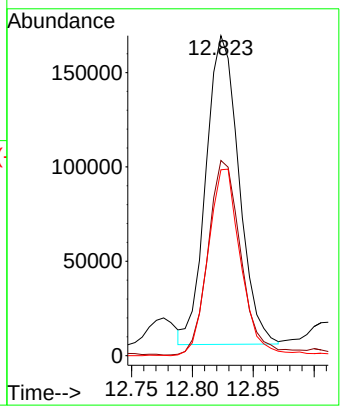
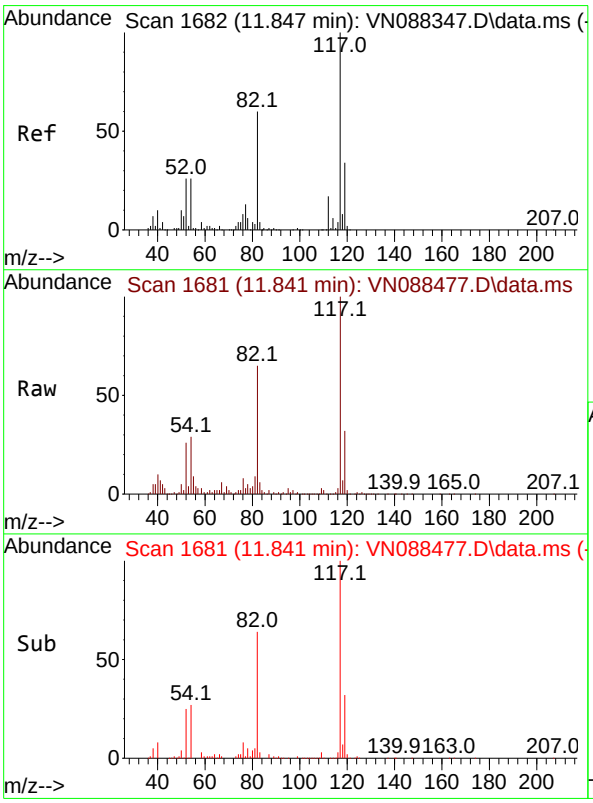


#62
4-Bromofluorobenzene
Concen: 67.437 ug/l
RT: 12.823 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 95 Resp: 30738

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	139.0
176	60.4	0.0	132.4

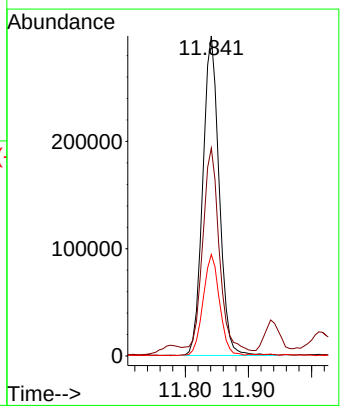


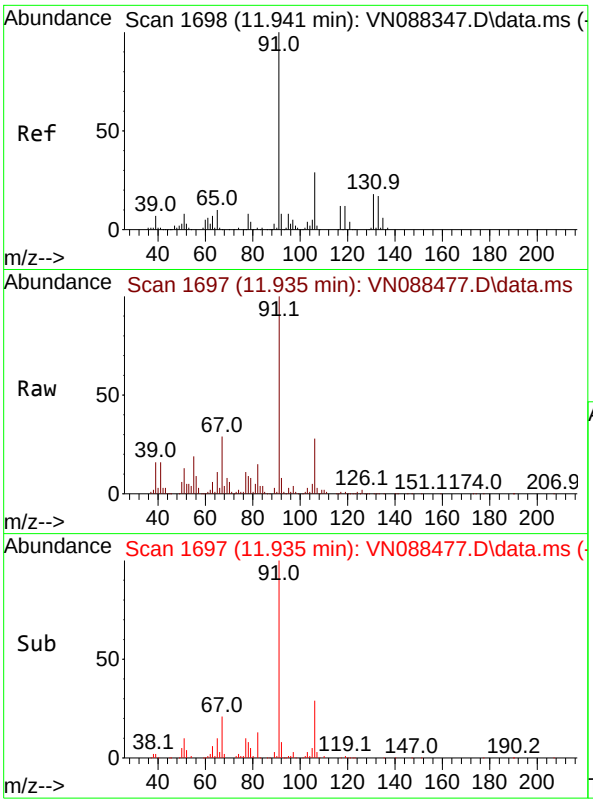


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:117 Resp: 538236

Ion	Ratio	Lower	Upper
117	100		
82	62.1	47.8	71.8
119	31.6	26.9	40.3

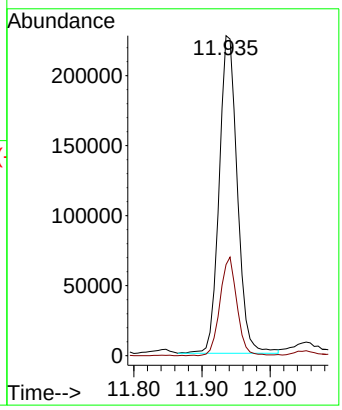




#67
Ethyl Benzene
Concen: 19.925 ug/l
RT: 11.935 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 91 Resp: 42101

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
SB3A

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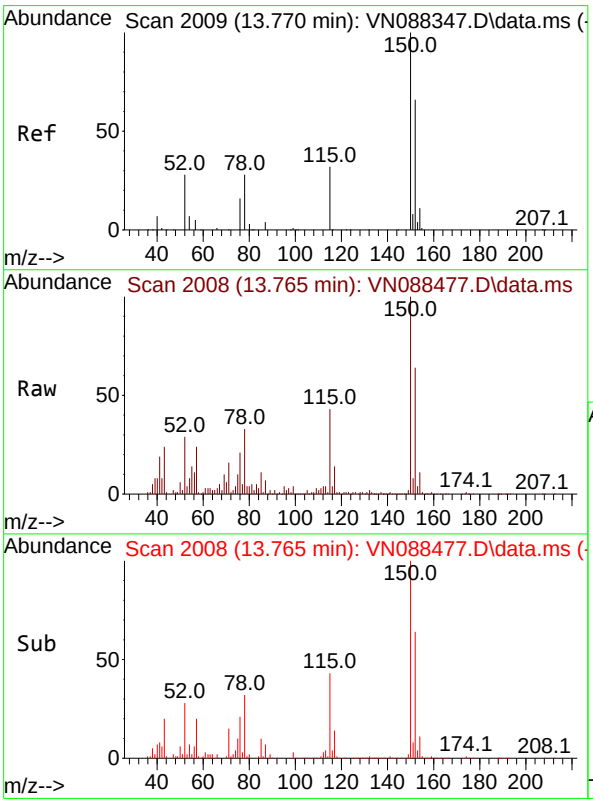
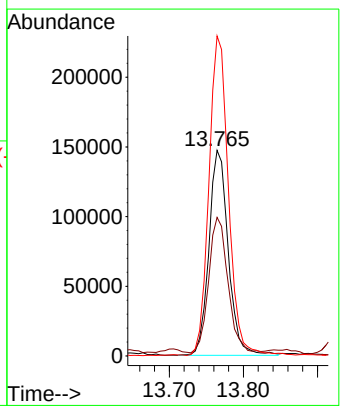


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:152 Resp: 266826

Ion	Ratio	Lower	Upper
152	100		
115	65.9	33.0	98.9
150	157.3	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
SB3A

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APPROVED

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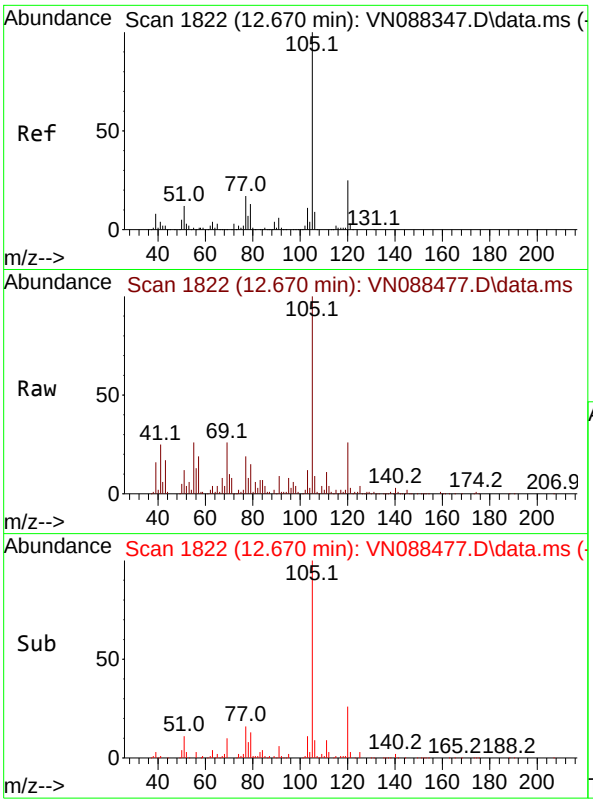
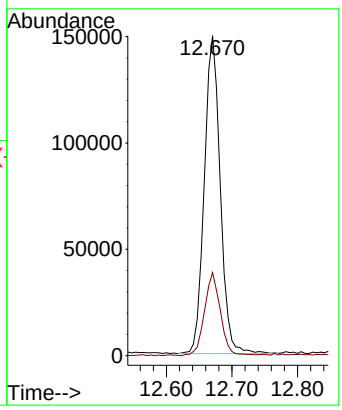
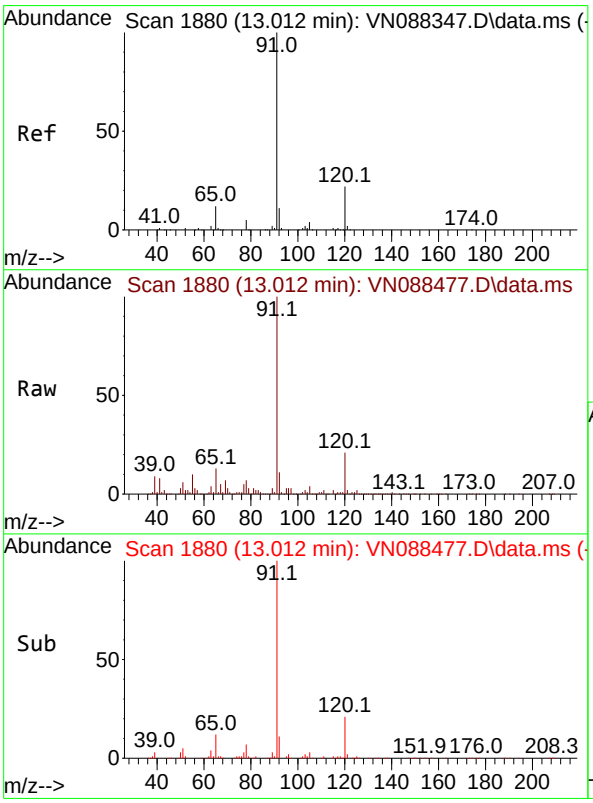


#73
Isopropylbenzene
Concen: 12.848 ug/l
RT: 12.670 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:105 Resp: 25347

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.3

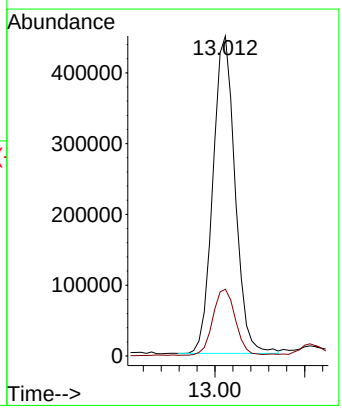


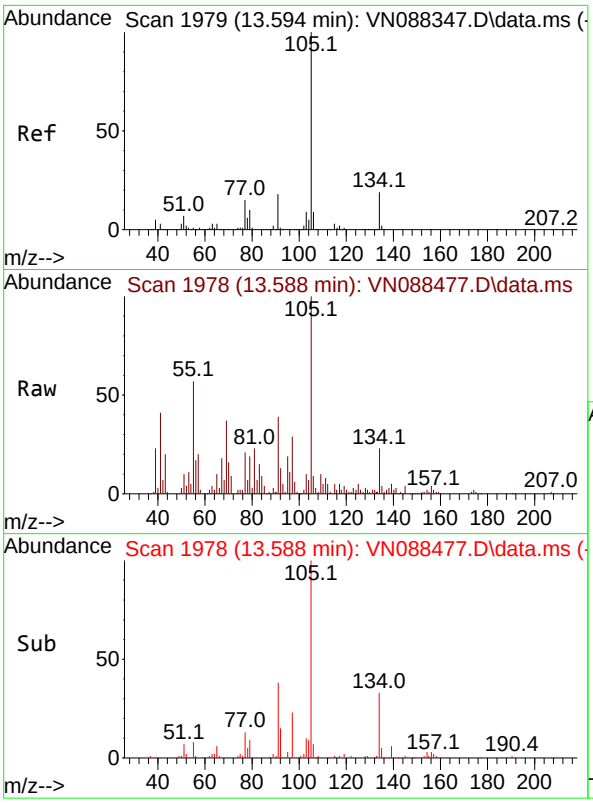


#78
n-propylbenzene
Concen: 31.857 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 91 Resp: 768892

Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.9	32.6





#85
sec-Butylbenzene
Concen: 5.038 ug/l
RT: 13.588 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

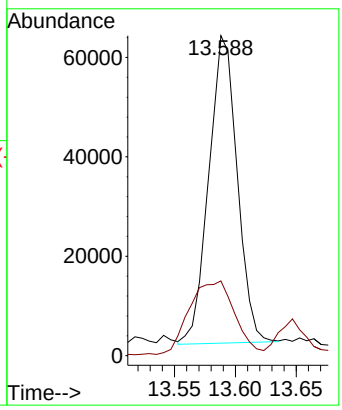
Tgt Ion:105 Resp: 10057

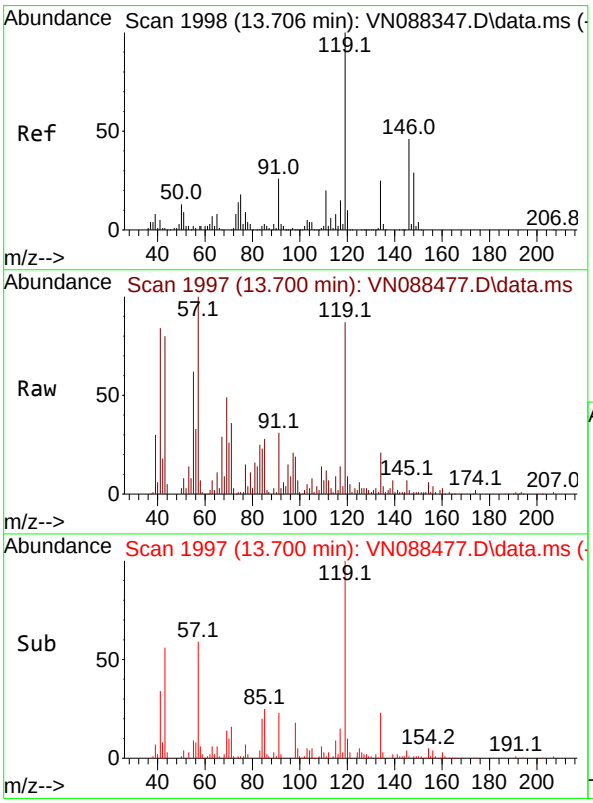
Ion	Ratio	Lower	Upper
105	100		
134	38.8	9.5	28.5

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

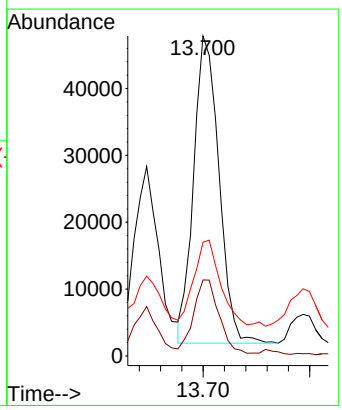


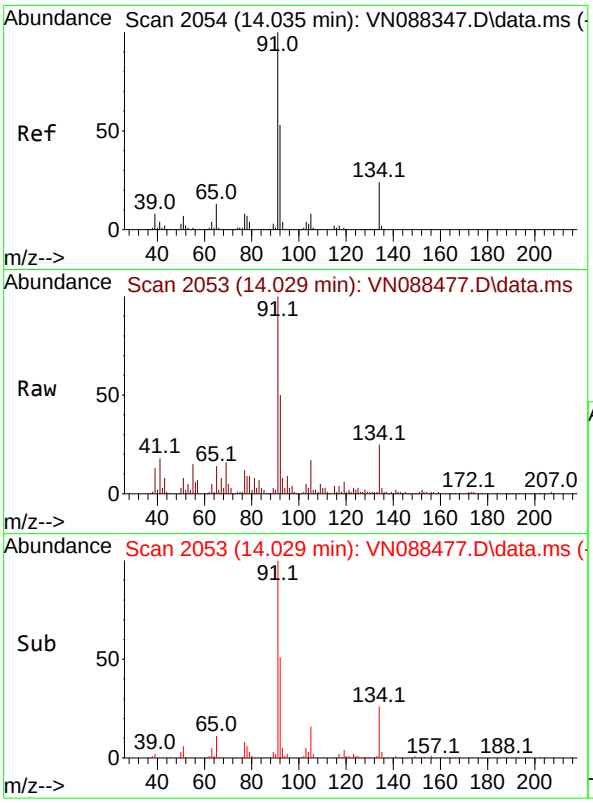


#86
p-Isopropyltoluene
Concen: 4.645 ug/l
RT: 13.700 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:119 Resp: 76041

Ion	Ratio	Lower	Upper
119	100		
134	23.7	12.2	36.6
91	27.5	13.0	39.0

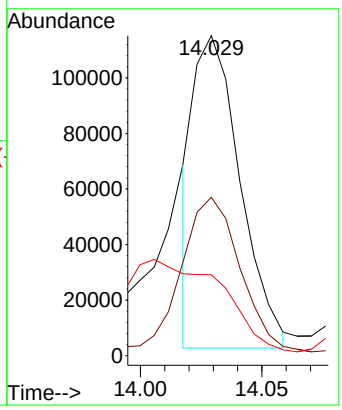




#89
n-Butylbenzene
Concen: 9.447 ug/l m
RT: 14.029 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion: 91 Resp: 15016

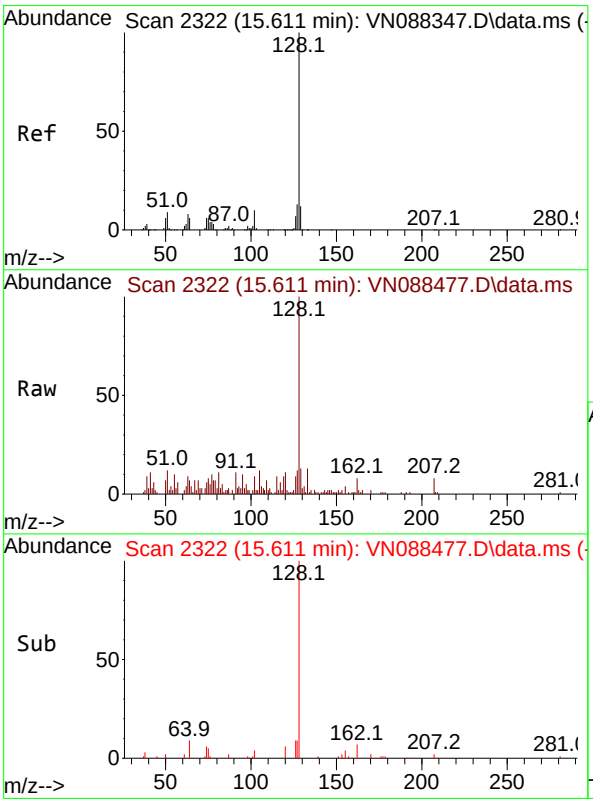
Ion	Ratio	Lower	Upper
91	100		
92	62.9	26.1	78.3
134	0.0	11.7	35.1#



Instrument :
MSVOA_N
ClientSampleId :
SB3A

Manual Integrations
APPROVED

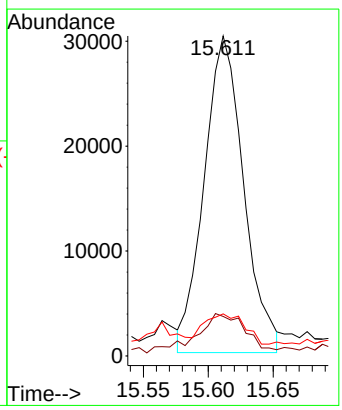
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#95
Naphthalene
Concen: 3.751 ug/l m
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088477.D
Acq: 09 Dec 2025 14:05

Tgt Ion:128 Resp: 63854

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	9.0	13.6#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

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_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.330	565	574	589	rVB2	155808	577667	8.85%	0.507%
2	5.800	640	654	675	rVB3	133693	475161	7.28%	0.417%
3	6.300	725	739	754	rBV2	250161	785181	12.03%	0.689%
4	7.059	856	868	883	rBV3	39146	130191	2.00%	0.114%
5	7.206	883	893	901	rVV	87442	251705	3.86%	0.221%
6	7.306	901	910	930	rVV2	252227	756846	11.60%	0.664%
7	7.988	1019	1026	1033	rVB2	46671	121351	1.86%	0.107%
8	8.147	1044	1053	1056	rBV	253428	608175	9.32%	0.534%
9	8.200	1056	1062	1074	rVV2	1115002	3149787	48.27%	2.765%
10	8.306	1074	1080	1091	rVB2	345435	872406	13.37%	0.766%
11	8.424	1091	1100	1107	rBV	1024831	2353730	36.07%	2.066%
12	8.488	1107	1111	1116	rVB4	69835	135736	2.08%	0.119%
13	8.559	1116	1123	1137	rVB	290876	656345	10.06%	0.576%
14	8.700	1137	1147	1151	rBV2	386746	1048553	16.07%	0.920%
15	8.765	1154	1158	1164	rVV	352599	779918	11.95%	0.685%
16	8.830	1164	1169	1179	rVB	432344	997720	15.29%	0.876%
17	8.947	1179	1189	1203	rVB	1237245	2547973	39.05%	2.237%
18	9.077	1203	1211	1219	rBV3	849392	1966770	30.14%	1.726%
19	9.312	1245	1251	1255	rVV2	68566	146585	2.25%	0.129%
20	9.371	1255	1261	1272	rVB3	91073	297593	4.56%	0.261%
21	9.577	1281	1296	1312	rBV2	2243791	6525698	100.00%	5.728%
22	9.753	1319	1326	1332	rVV	305822	586683	8.99%	0.515%
23	9.841	1332	1341	1348	rVB2	369225	865294	13.26%	0.760%
24	9.982	1358	1365	1375	rVB2	543236	1181719	18.11%	1.037%
25	10.077	1375	1381	1384	rBV2	172291	308417	4.73%	0.271%
26	10.124	1384	1389	1393	rVV2	529427	1026332	15.73%	0.901%
27	10.182	1393	1399	1413	rVB2	1937419	4697717	71.99%	4.124%
28	10.318	1413	1422	1434	rBV	1591776	3556952	54.51%	3.122%
29	10.429	1434	1441	1444	rBV3	175738	357548	5.48%	0.314%
30	10.471	1444	1448	1453	rVB	272147	469782	7.20%	0.412%
31	10.541	1453	1460	1465	rBV	2292417	4475336	68.58%	3.928%
32	10.582	1465	1467	1477	rVV3	575593	1182065	18.11%	1.038%
33	10.665	1477	1481	1484	rVV	179913	290105	4.45%	0.255%
34	10.718	1484	1490	1497	rVB3	1213297	2587304	39.65%	2.271%
35	10.829	1504	1509	1513	rBV5	125518	217324	3.33%	0.191%
36	10.888	1513	1519	1525	rVB2	668904	1218190	18.67%	1.069%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

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_N\methods\82N112425W.M
Title : SW846 8260

37	10.976	1525	1534	1543	rBV7	640461	1883739	28.87%	1.654%
38	11.059	1543	1548	1554	rVB3	384585	732775	11.23%	0.643%
39	11.147	1554	1563	1570	rBV	874707	1627953	24.95%	1.429%
40	11.247	1570	1580	1588	rBV	699700	1936648	29.68%	1.700%
41	11.318	1588	1592	1596	rBV2	341345	601874	9.22%	0.528%
42	11.359	1596	1599	1601	rVV5	207113	346191	5.31%	0.304%
43	11.394	1601	1605	1609	rVV	882375	1510194	23.14%	1.326%
44	11.447	1609	1614	1619	rVV	1024967	1964477	30.10%	1.724%
45	11.494	1619	1622	1626	rVV4	218061	359093	5.50%	0.315%
46	11.547	1626	1631	1635	rVV2	777134	1241635	19.03%	1.090%
47	11.618	1635	1643	1655	rVB3	1870899	4565350	69.96%	4.008%
48	11.718	1655	1660	1673	rVB	1644505	2732651	41.88%	2.399%
49	11.841	1675	1681	1687	rBV	1076419	1879573	28.80%	1.650%
50	11.935	1692	1697	1702	rVV	762559	1389763	21.30%	1.220%
51	11.976	1702	1704	1707	rVV2	241577	357476	5.48%	0.314%
52	12.018	1707	1711	1717	rVV5	431621	1073205	16.45%	0.942%
53	12.082	1717	1722	1726	rVV	714962	1384046	21.21%	1.215%
54	12.123	1726	1729	1735	rVB2	473431	788634	12.09%	0.692%
55	12.182	1735	1739	1742	rBV3	74234	121123	1.86%	0.106%
56	12.265	1748	1753	1760	rVB5	269743	601652	9.22%	0.528%
57	12.341	1760	1766	1773	rBV3	836950	1965625	30.12%	1.725%
58	12.459	1780	1786	1791	rVB	1047562	1815152	27.82%	1.593%
59	12.565	1791	1804	1813	rBV6	842573	3970849	60.85%	3.486%
60	12.670	1818	1822	1825	rBV	324376	550358	8.43%	0.483%
61	12.718	1826	1830	1831	rBV3	216008	302018	4.63%	0.265%
62	12.741	1832	1834	1837	rVV3	366591	475181	7.28%	0.417%
63	12.770	1837	1839	1843	rVB	722766	809708	12.41%	0.711%
64	12.823	1843	1848	1851	rBV	772647	1350428	20.69%	1.185%
65	12.906	1858	1862	1867	rVB3	204785	329946	5.06%	0.290%
66	13.006	1872	1879	1885	rVB	1073037	2051000	31.43%	1.800%
67	13.065	1886	1889	1893	rBV4	96765	145053	2.22%	0.127%
68	13.141	1893	1902	1908	rBV5	587943	1685756	25.83%	1.480%
69	13.282	1922	1926	1930	rBV4	223423	428353	6.56%	0.376%
70	13.329	1931	1934	1937	rVV2	268342	422027	6.47%	0.370%
71	13.370	1937	1941	1955	rVB3	621738	1526834	23.40%	1.340%
72	13.494	1955	1962	1967	rBV4	213770	522504	8.01%	0.459%
73	13.547	1968	1971	1974	rBV3	161358	256299	3.93%	0.225%
74	13.653	1984	1989	1992	rBV4	339788	628846	9.64%	0.552%
75	13.688	1993	1995	1999	rVV2	256604	353812	5.42%	0.311%
76	13.765	2003	2008	2016	rVB3	1054668	1921970	29.45%	1.687%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

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_N\methods\82N112425W.M
Title : SW846 8260

77	13.829	2016	2019	2026	rVB3	327267	532835	8.17%	0.468%
78	13.923	2030	2035	2038	rBV	501461	810712	12.42%	0.712%
79	13.964	2038	2042	2046	rBV2	391464	568222	8.71%	0.499%
80	14.088	2058	2063	2069	rBV3	482490	981700	15.04%	0.862%
81	14.159	2071	2075	2079	rVB	259970	394625	6.05%	0.346%
82	14.306	2094	2100	2108	rBV	1262152	2093086	32.07%	1.837%
83	14.417	2113	2119	2124	rVB3	794816	1410054	21.61%	1.238%
84	14.482	2125	2130	2136	rVB6	105425	205574	3.15%	0.180%
85	14.553	2138	2142	2145	rBV4	141982	231362	3.55%	0.203%
86	14.600	2146	2150	2151	rBV2	314462	378681	5.80%	0.332%
87	14.629	2151	2155	2163	rVB2	788016	1438892	22.05%	1.263%
88	14.706	2163	2168	2172	rBV2	395511	589995	9.04%	0.518%
89	14.759	2172	2177	2183	rVB6	164054	401273	6.15%	0.352%
90	14.847	2190	2192	2196	rVB3	106241	143326	2.20%	0.126%
91	14.900	2196	2201	2213	rVB4	560980	1370662	21.00%	1.203%
92	15.023	2213	2222	2228	rBV4	888559	2436455	37.34%	2.139%
93	15.253	2256	2261	2262	rBV4	105216	158968	2.44%	0.140%
94	15.288	2262	2267	2272	rVV2	349351	643258	9.86%	0.565%
95	15.411	2281	2288	2295	rVB3	349700	841971	12.90%	0.739%
96	15.564	2309	2314	2318	rBV5	95460	185817	2.85%	0.163%
97	15.717	2334	2340	2344	rBV4	99869	197606	3.03%	0.173%
98	15.911	2365	2373	2381	rBV2	148510	347303	5.32%	0.305%
99	16.306	2432	2440	2450	rVB5	61994	206121	3.16%	0.181%
100	16.747	2508	2515	2522	rBV	222347	535676	8.21%	0.470%

Sum of corrected areas: 113919804

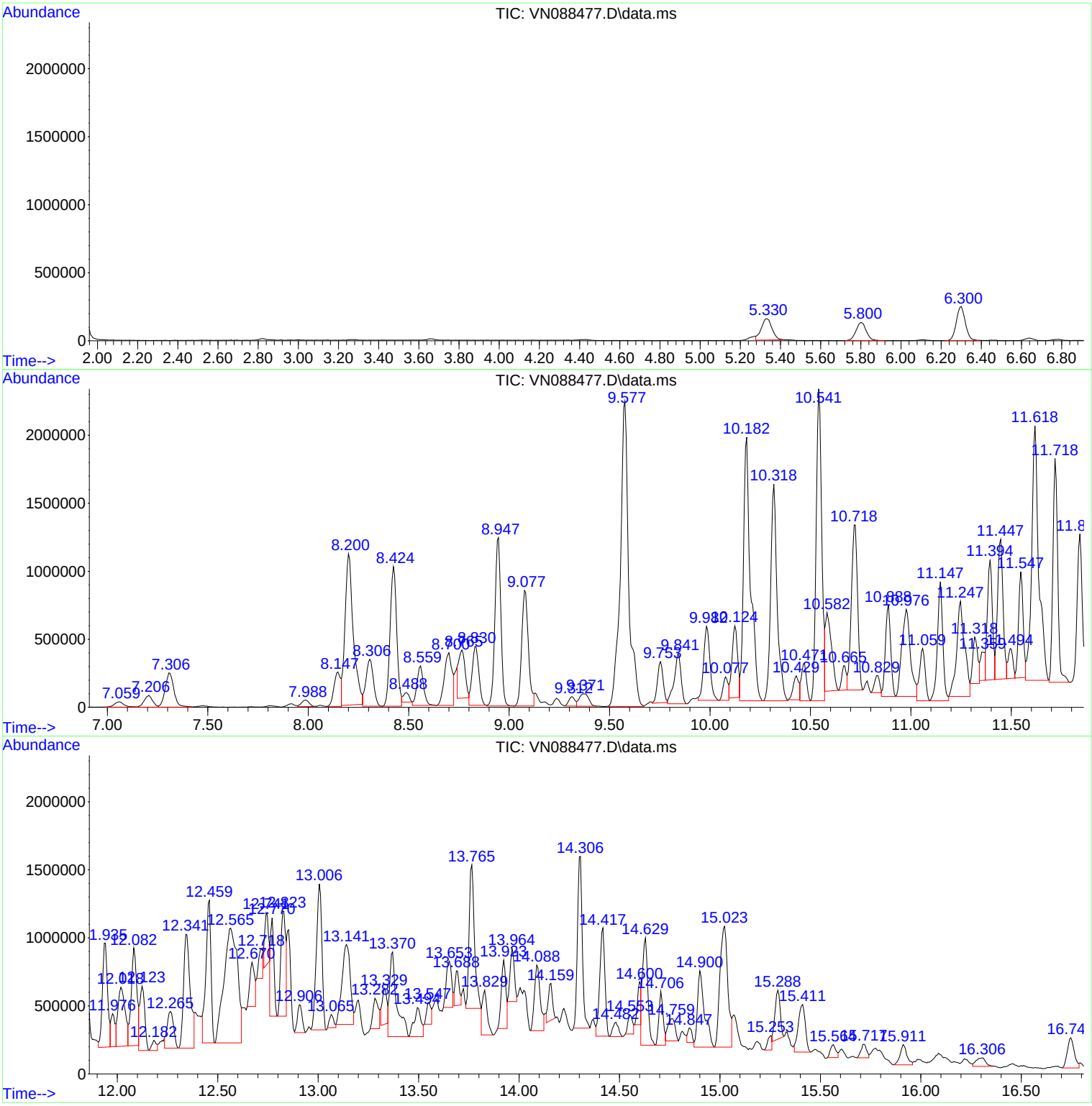
Sample Results: **VN088477.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

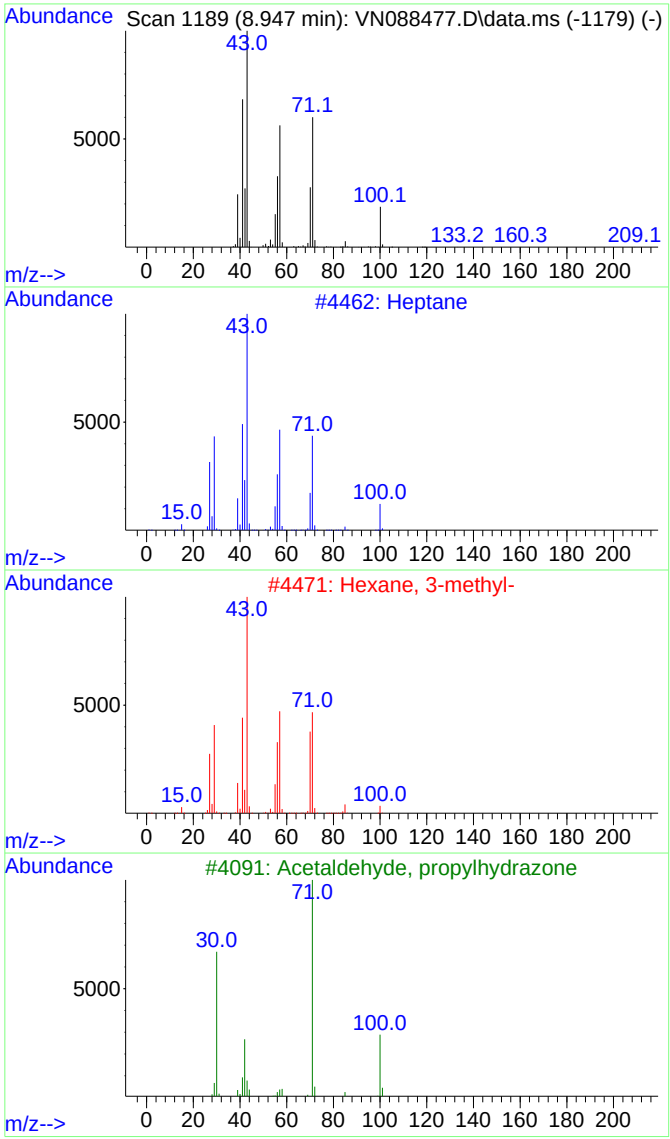
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

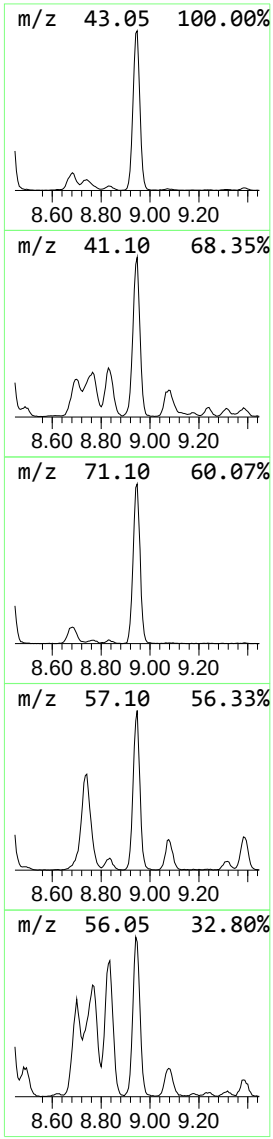
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.947	64.78 ug/l	2547970	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	40
3	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	38
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

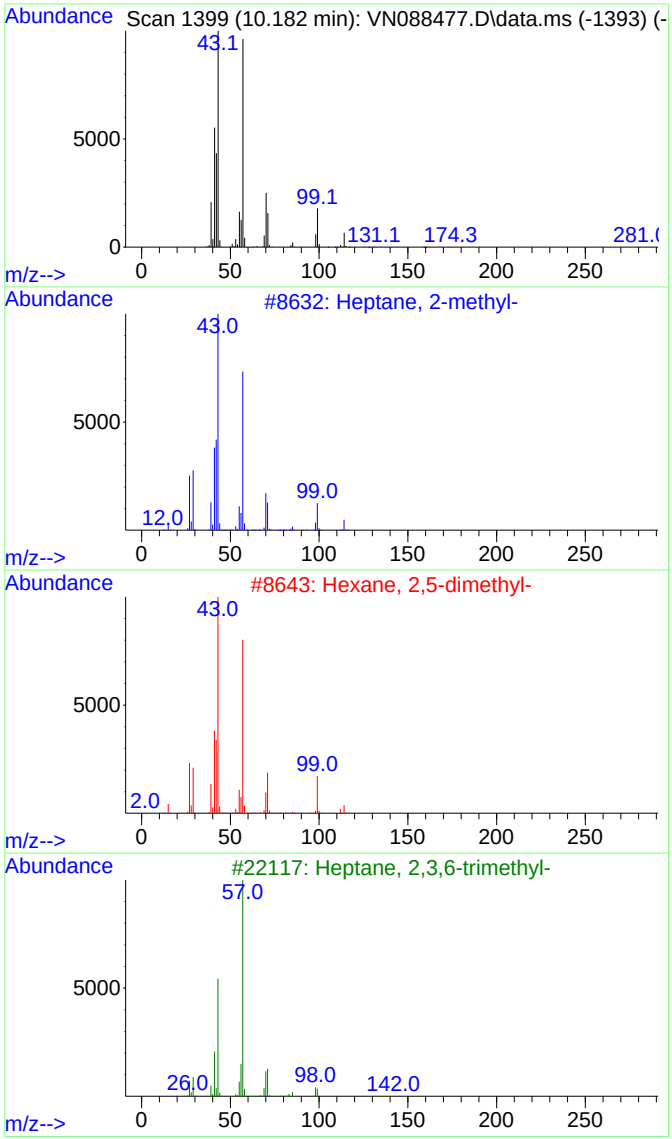
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

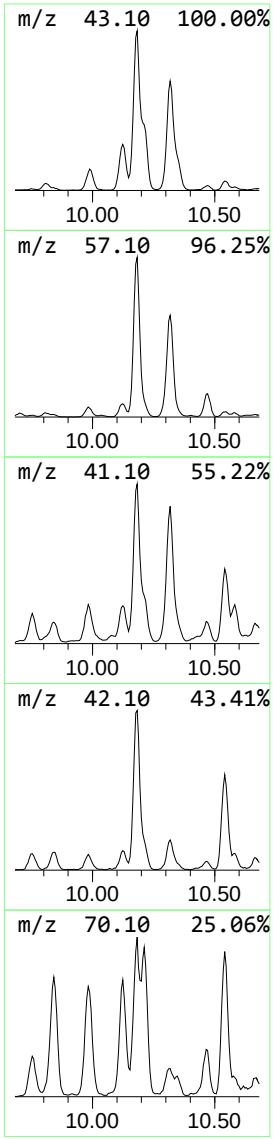
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.182	119.43 ug/l	4697720	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

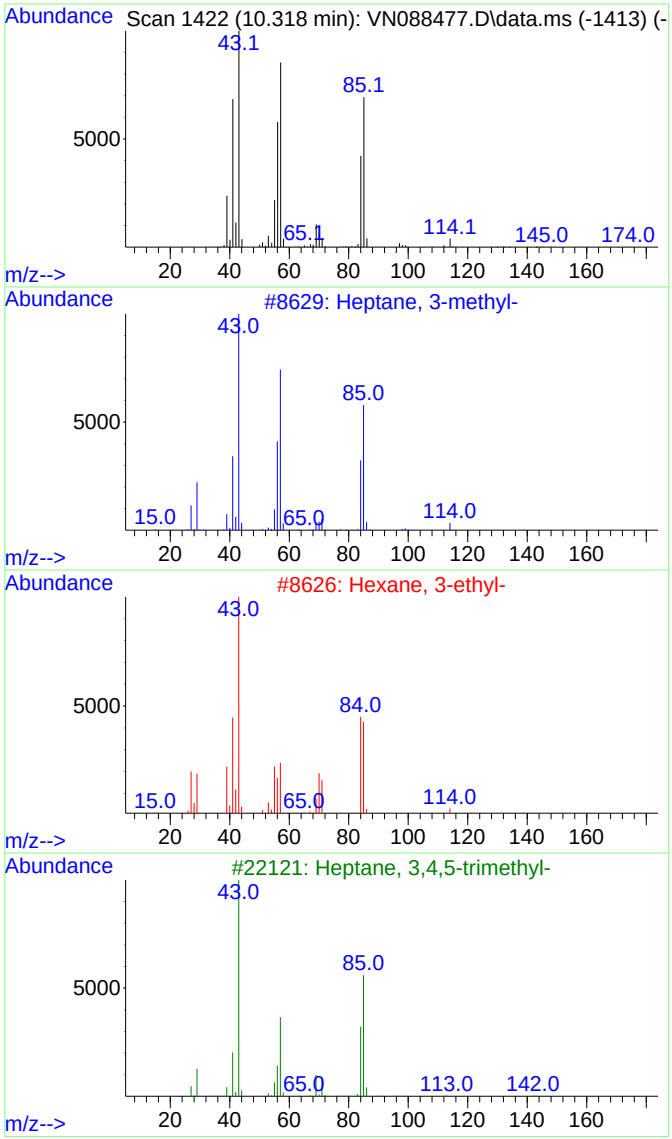
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

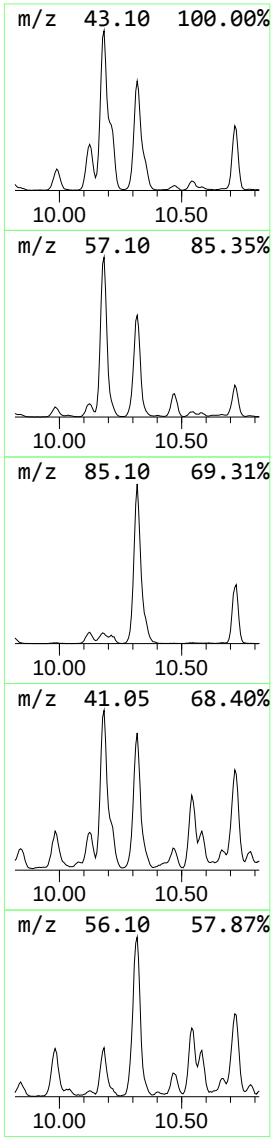
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.318	90.43 ug/l	3556950	1,4-Difluorobenzene	9.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

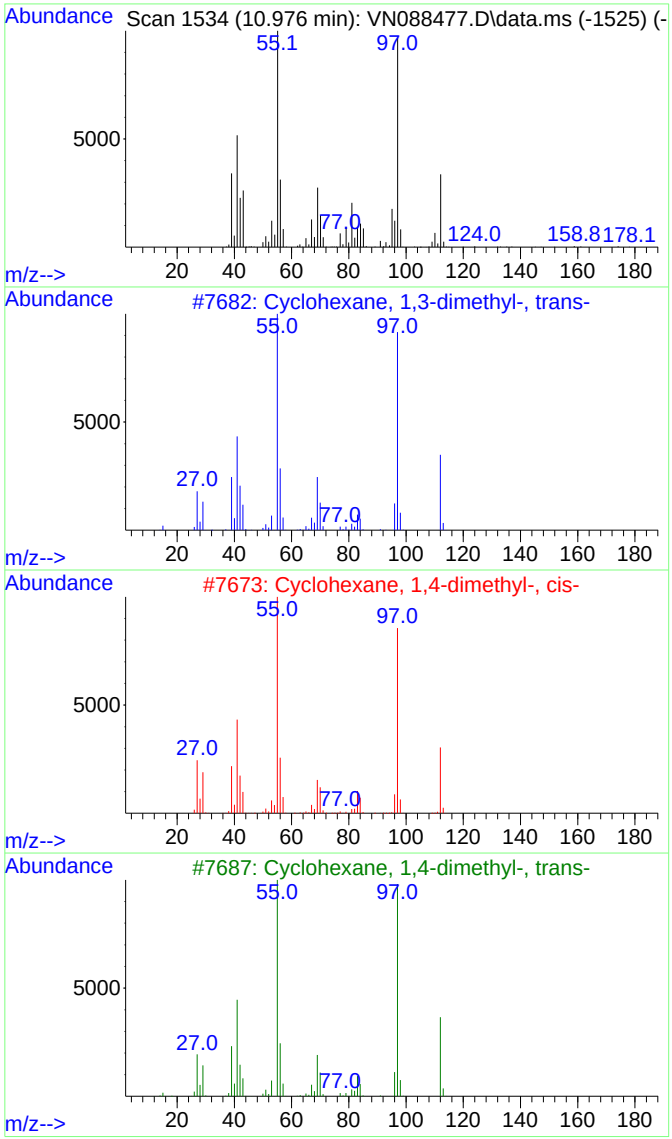
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

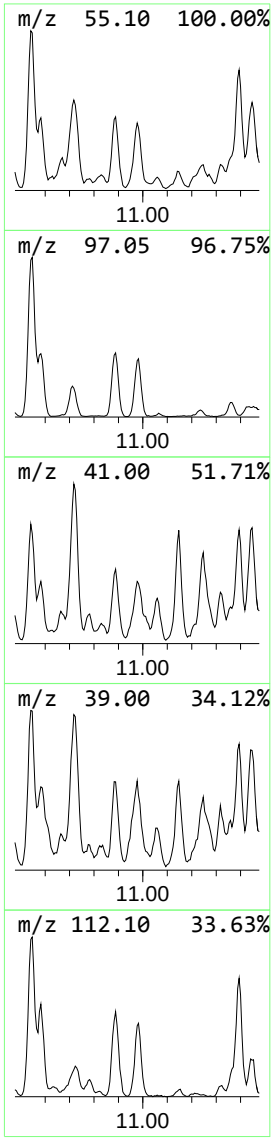
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.977	50.11 ug/l	1883740	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	93
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

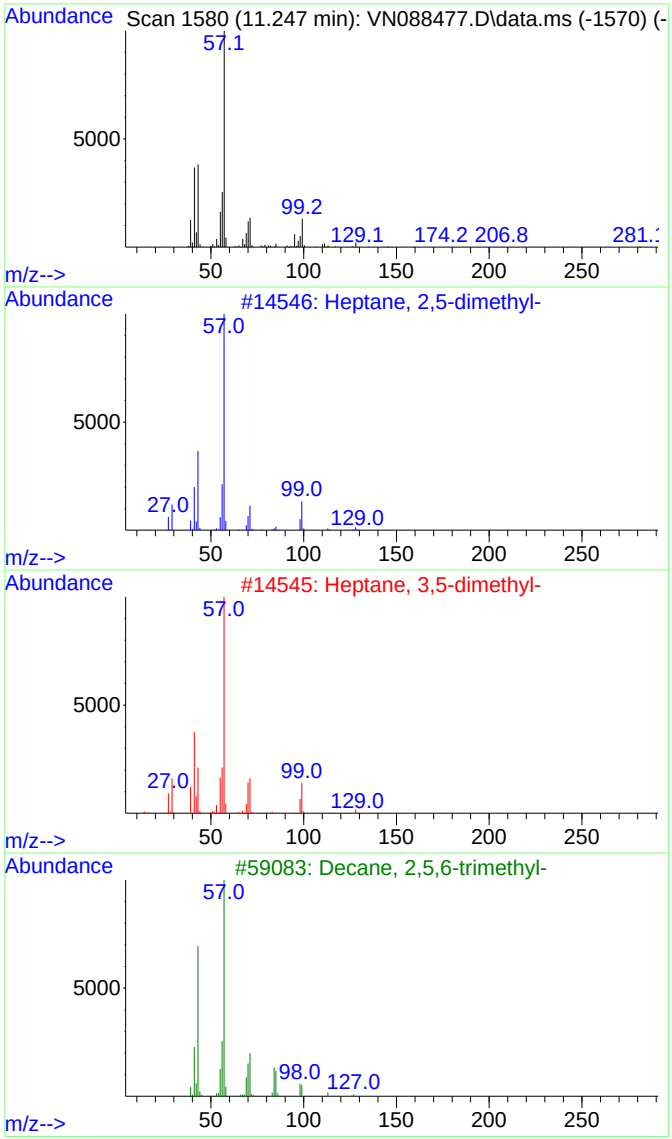
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

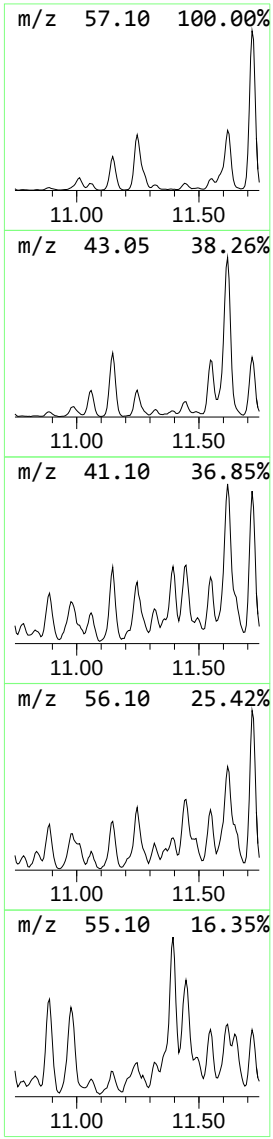
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.247	51.52 ug/l	1936650	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

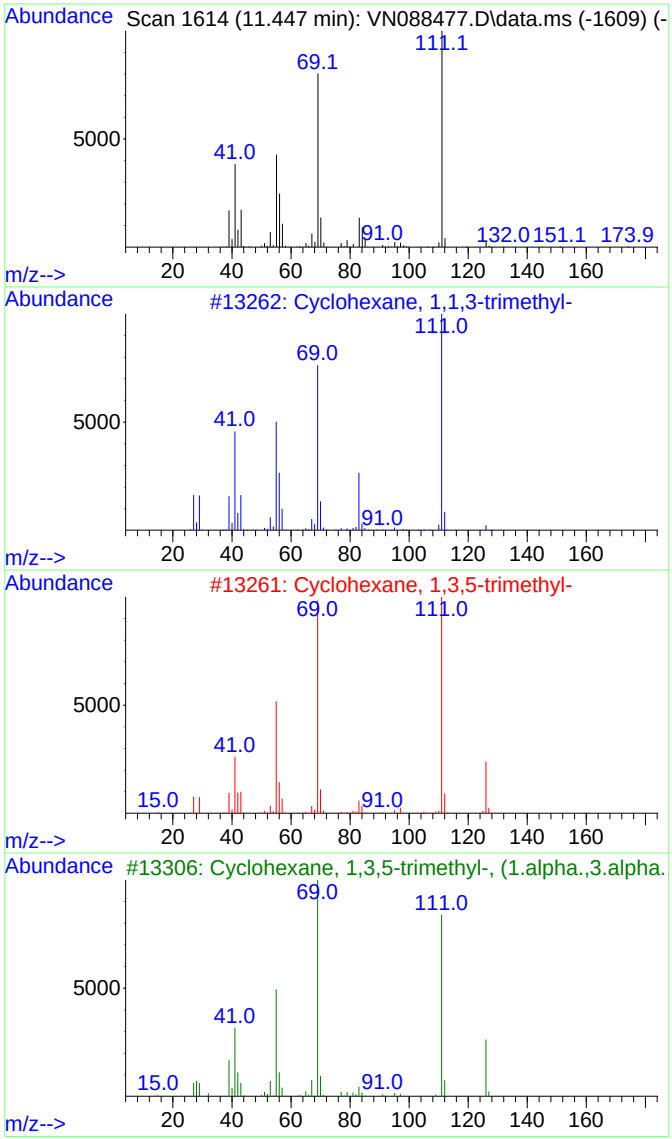
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

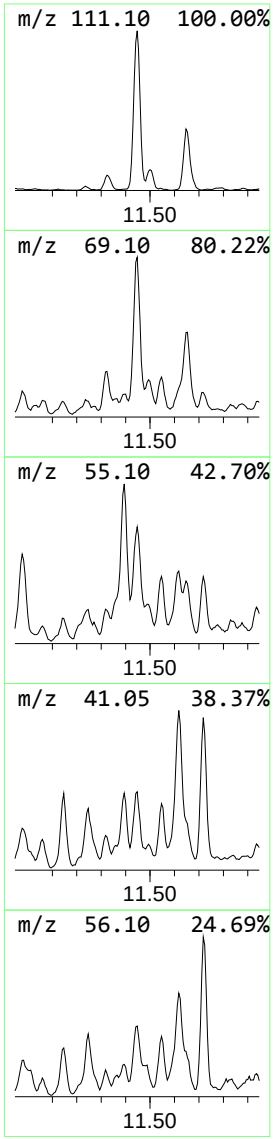
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.447	52.26 ug/l	1964480	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

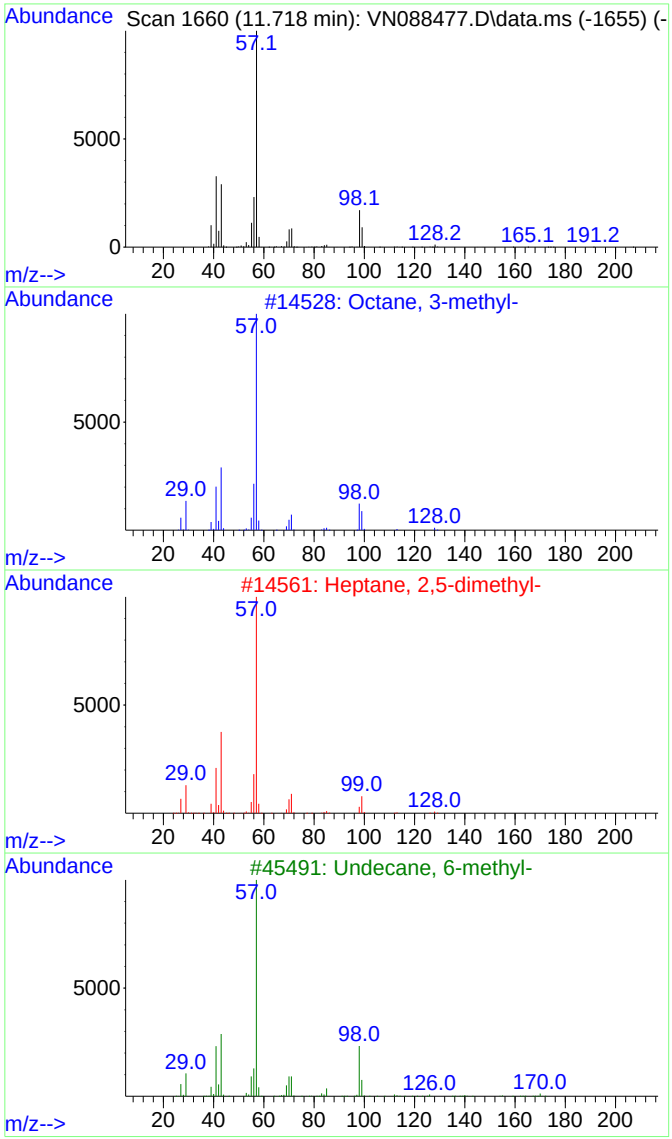
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

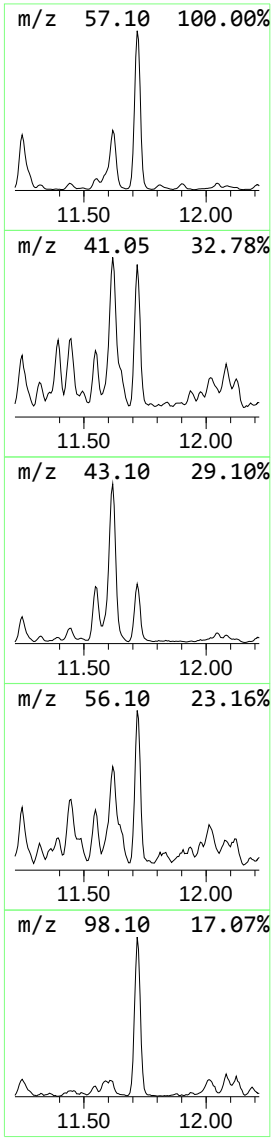
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Octane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.718	72.69 ug/l	2732650	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

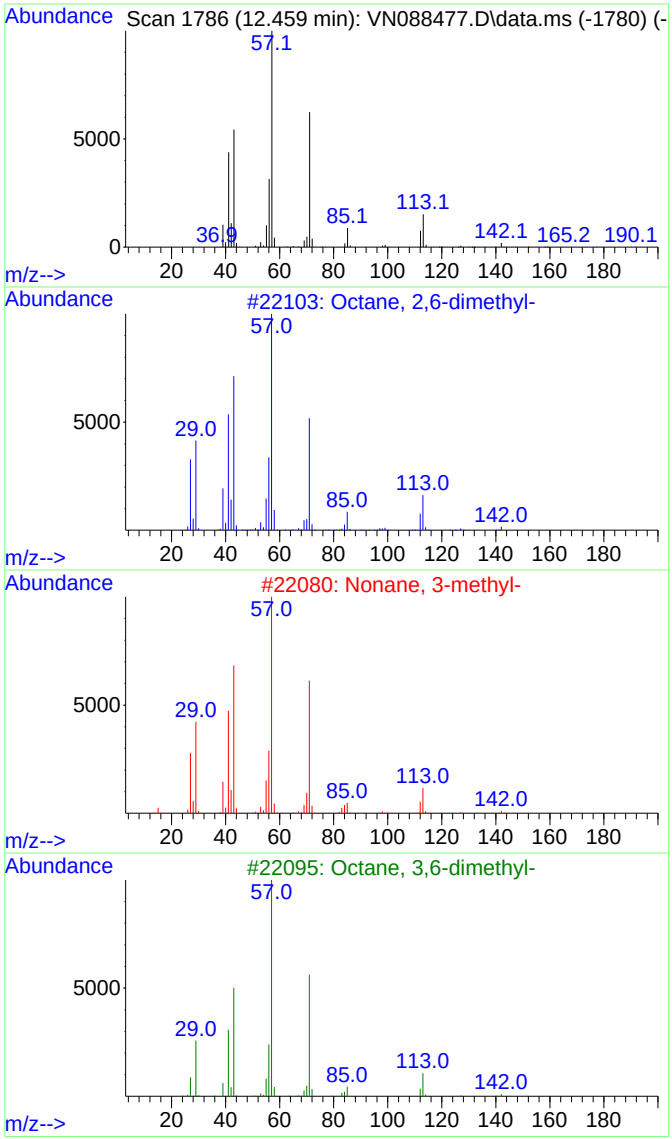
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

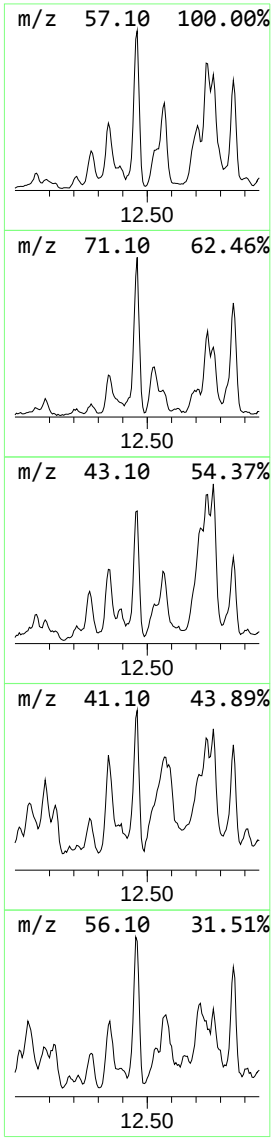
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.459	48.29 ug/l	1815150	Chlorobenzene-d5	11.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

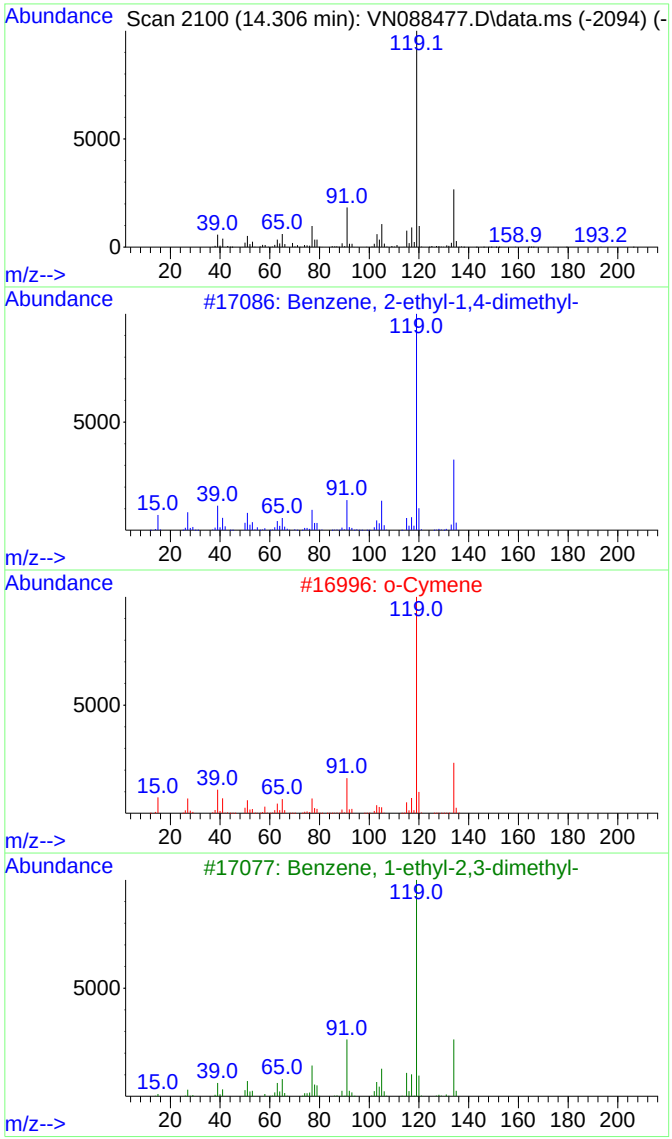
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

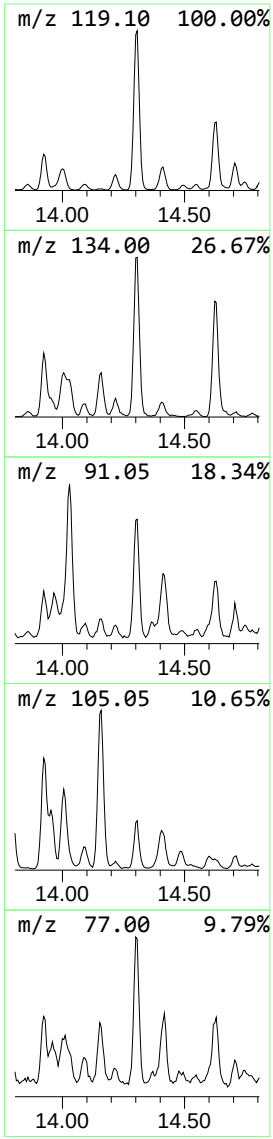
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	54.45 ug/l	2093090	1,4-Dichlorobenzene-d4	13.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

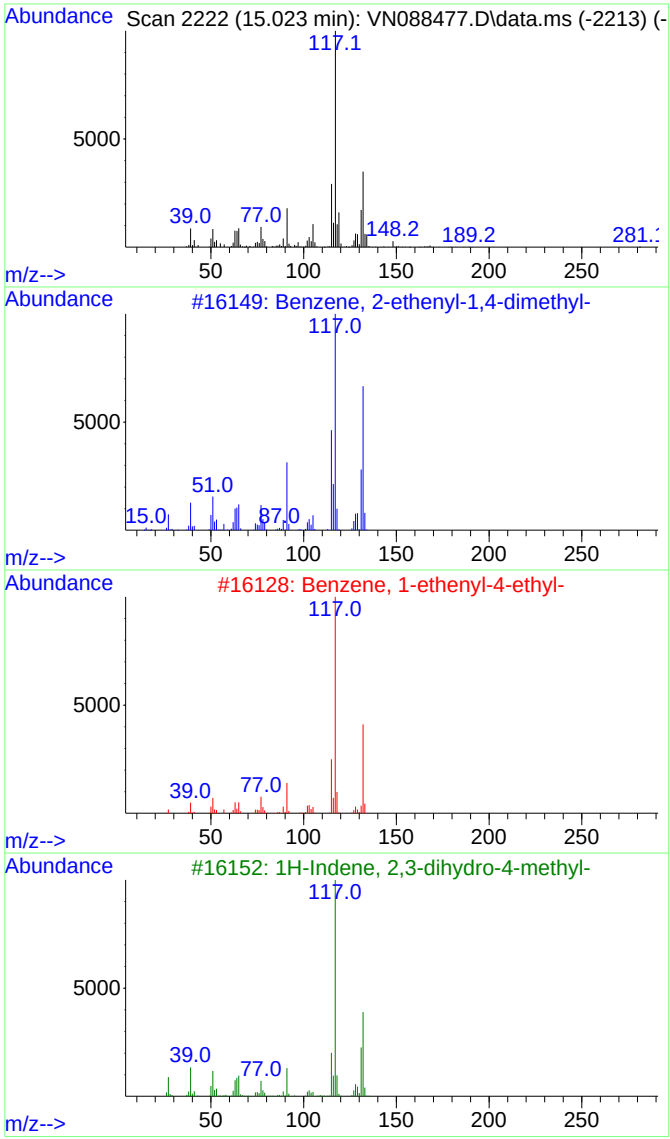
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

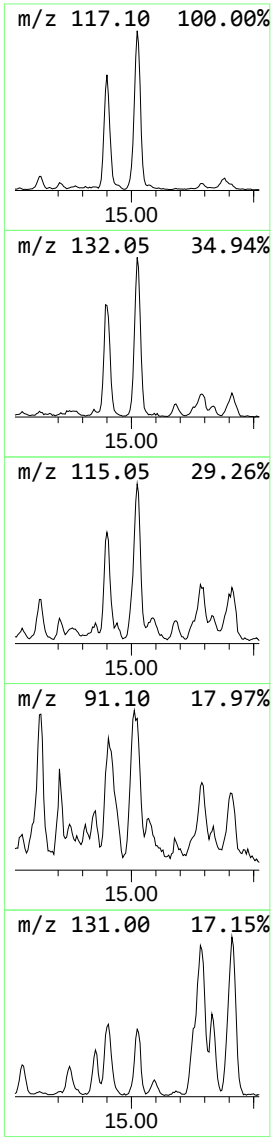
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	63.38 ug/l	2436460	1,4-Dichlorobenzene-d4	13.765

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088477.D
Acq On : 09 Dec 2025 14:05
Operator : JC\MD
Sample : Q3784-03 20X
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.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
Heptane	8.947	64.8	ug/l	2547970	2	9.077	1966770	50.0
Heptane, 2-methyl-	10.182	119.4	ug/l	4697720	2	9.077	1966770	50.0
Heptane, 3-methyl-	10.318	90.4	ug/l	3556950	2	9.077	1966770	50.0
Cyclohexane, 1,...	10.977	50.1	ug/l	1883740	3	11.841	1879570	50.0
Heptane, 2,5-di...	11.247	51.5	ug/l	1936650	3	11.841	1879570	50.0
Cyclohexane, 1,...	11.447	52.3	ug/l	1964480	3	11.841	1879570	50.0
Octane, 3-methyl-	11.718	72.7	ug/l	2732650	3	11.841	1879570	50.0
Octane, 2,6-dim...	12.459	48.3	ug/l	1815150	3	11.841	1879570	50.0
Benzene, 2-ethy...	14.306	54.5	ug/l	2093090	4	13.765	1921970	50.0
Benzene, 2-ethe...	15.023	63.4	ug/l	2436460	4	13.765	1921970	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Quant Time: Dec 09 02:16:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	208019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	391791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	366572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	160550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	149700	48.357	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	96.720%		
35) Dibromofluoromethane	7.898	113	116907	45.343	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	90.680%		
50) Toluene-d8	10.325	98	389955	40.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	80.380%		
62) 4-Bromofluorobenzene	12.617	95	141256	39.409	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	78.820%		

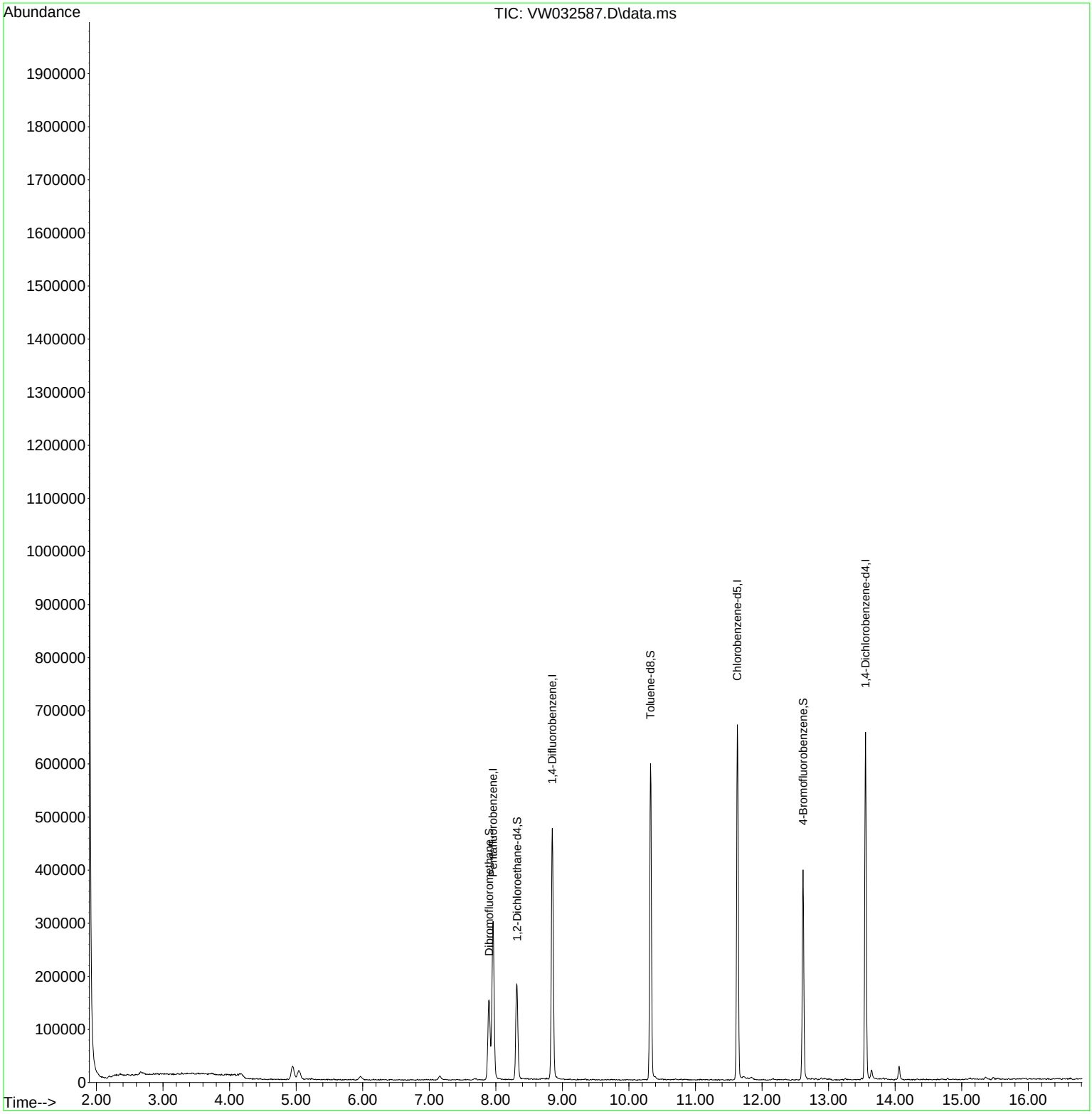
Target Compounds Qvalue

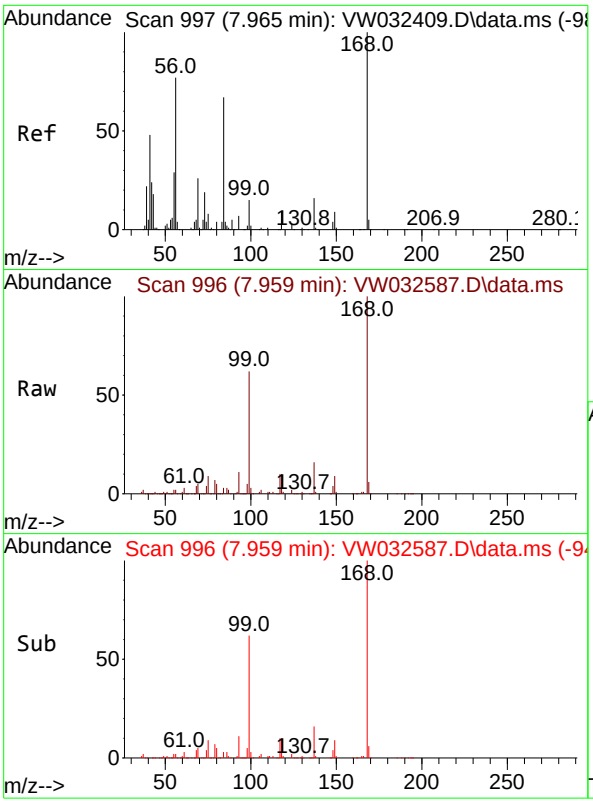
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Quant Time: Dec 09 02:16:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration



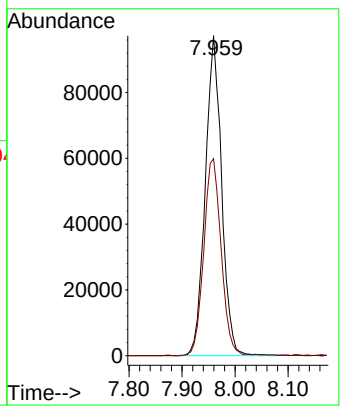


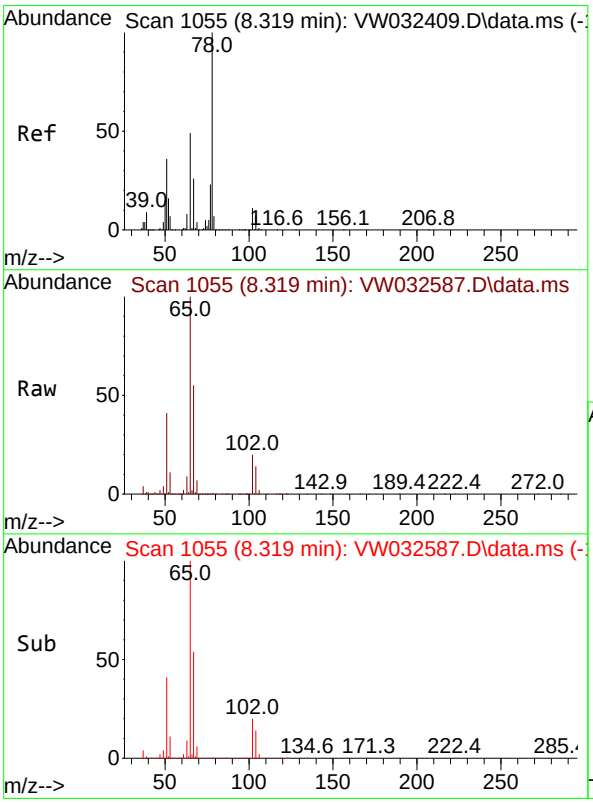
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Tgt Ion:168 Resp: 208019

Ion	Ratio	Lower	Upper
168	100		
99	61.6	51.8	77.8

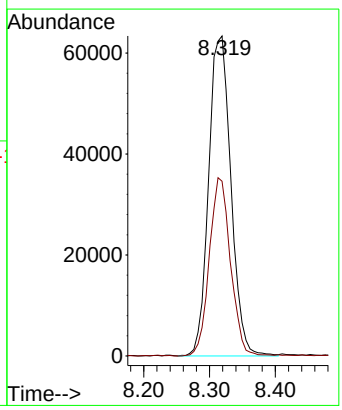


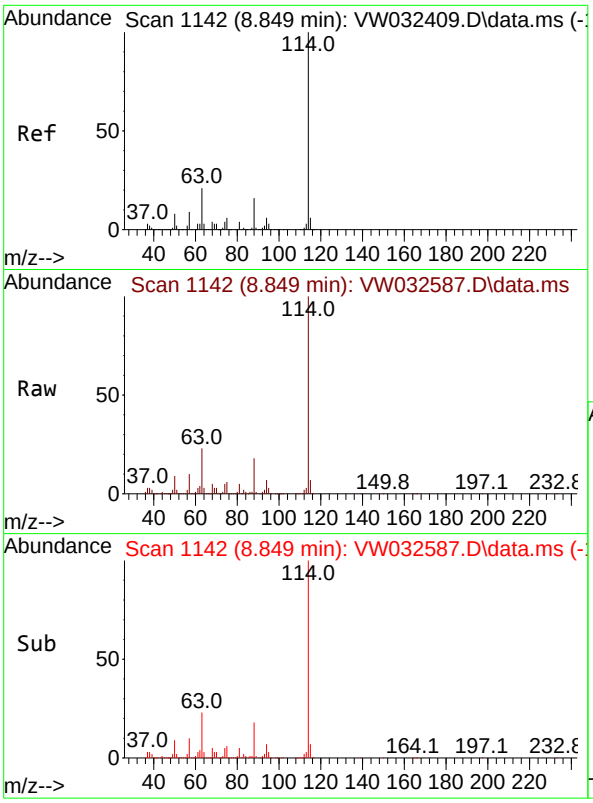


#33
1,2-Dichloroethane-d4
Concen: 48.357 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Tgt Ion: 65 Resp: 149700

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.0



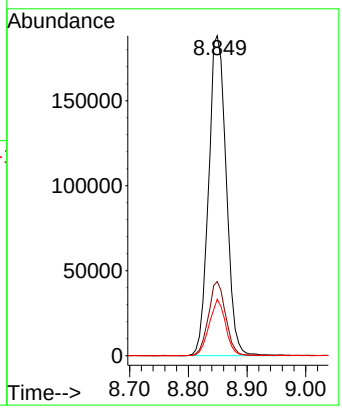


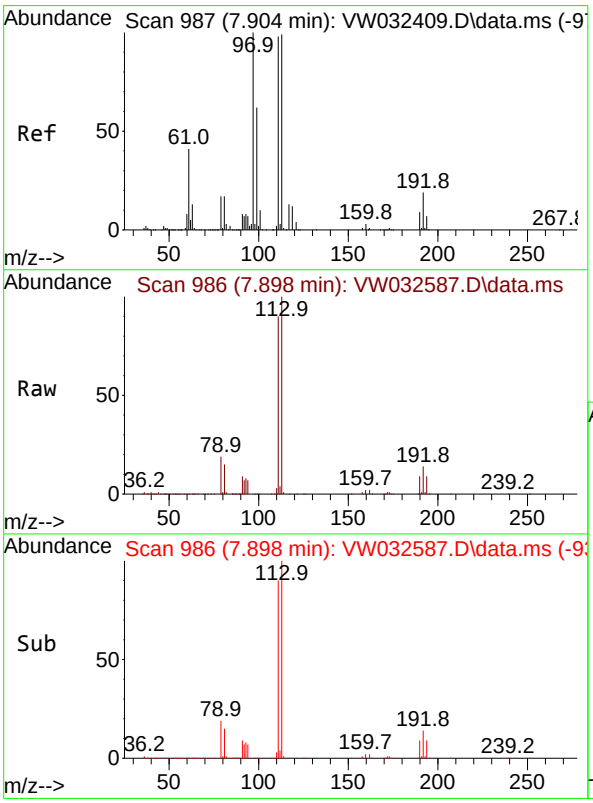
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Tgt Ion:114 Resp: 391791

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	40.6
88	17.6	0.0	31.2

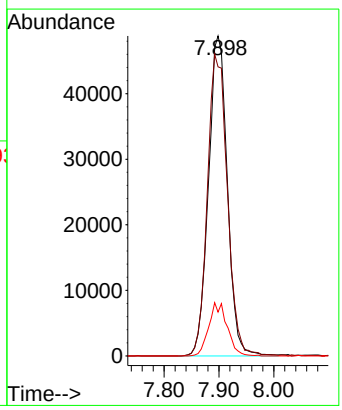


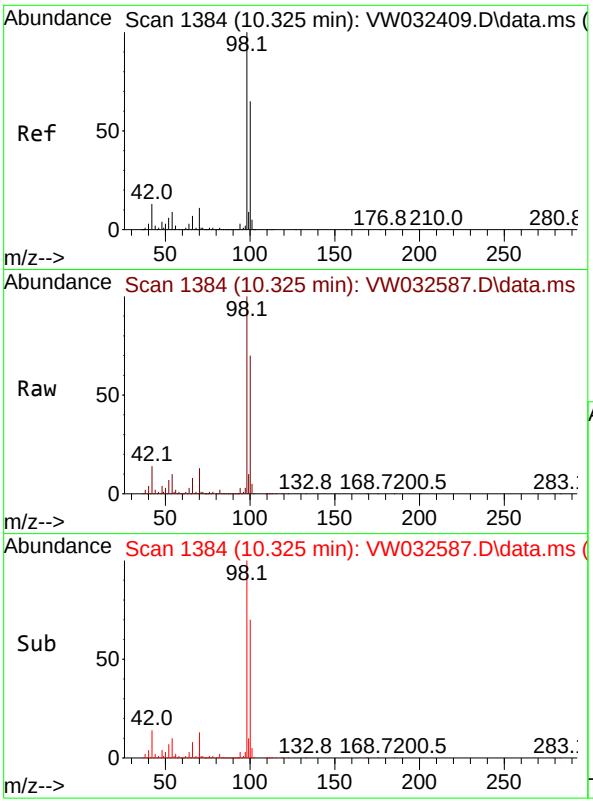


#35
Dibromofluoromethane
Concen: 45.343 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Tgt Ion:113 Resp: 116907

Ion	Ratio	Lower	Upper
113	100		
111	99.5	83.4	125.0
192	16.3	13.4	20.2



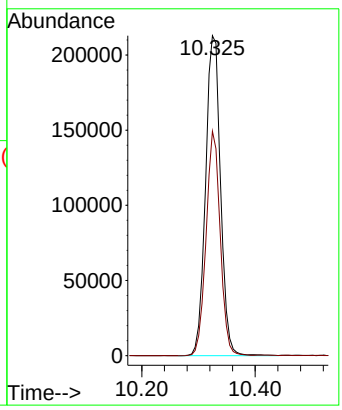


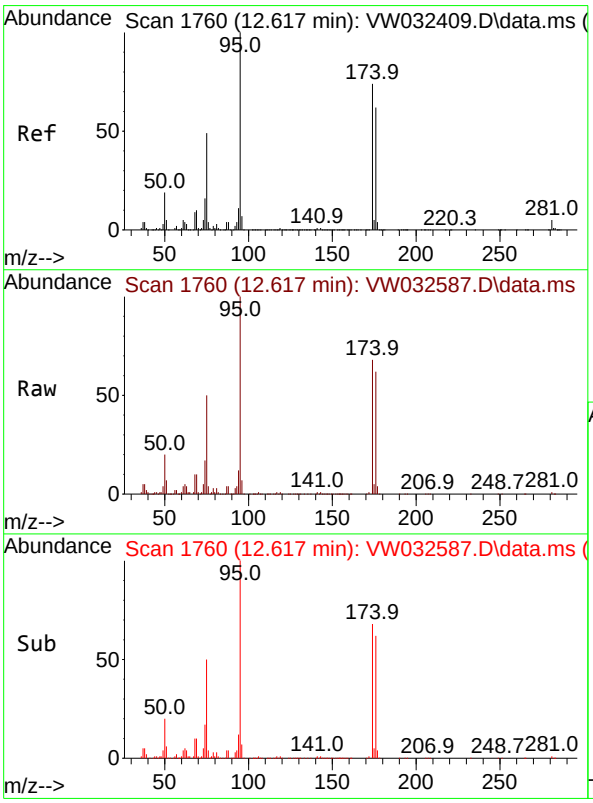
#50
Toluene-d8
Concen: 40.195 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Tgt Ion: 98 Resp: 389955

Ion	Ratio	Lower	Upper
98	100		
100	66.2	54.7	82.1

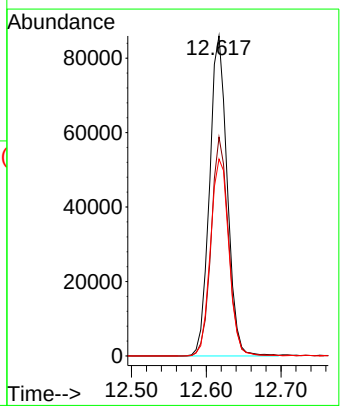


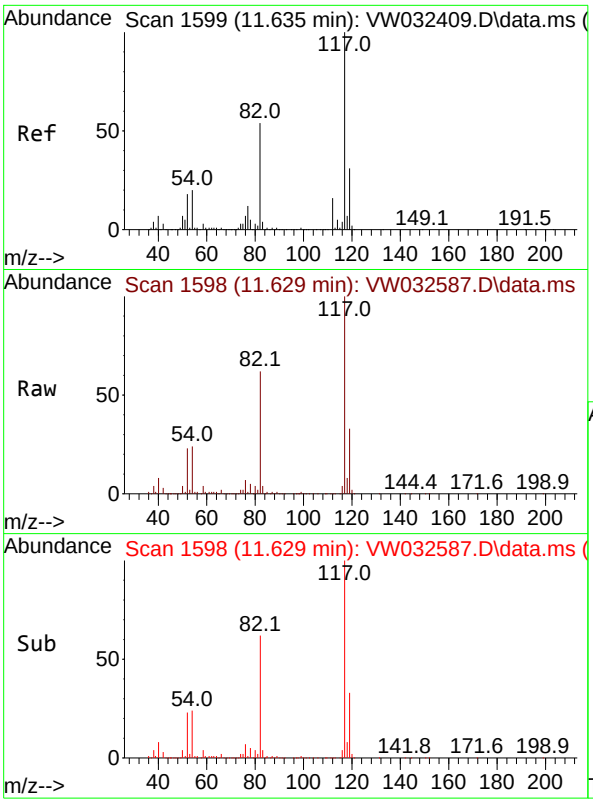


#62
4-Bromofluorobenzene
Concen: 39.409 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Tgt Ion: 95 Resp: 141256

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	141.2
176	64.2	0.0	130.8



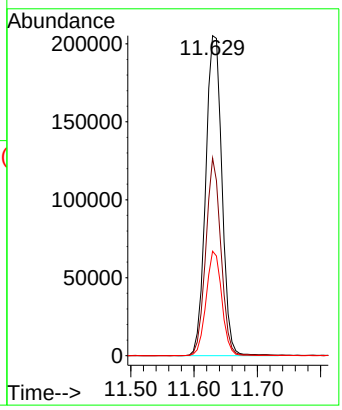


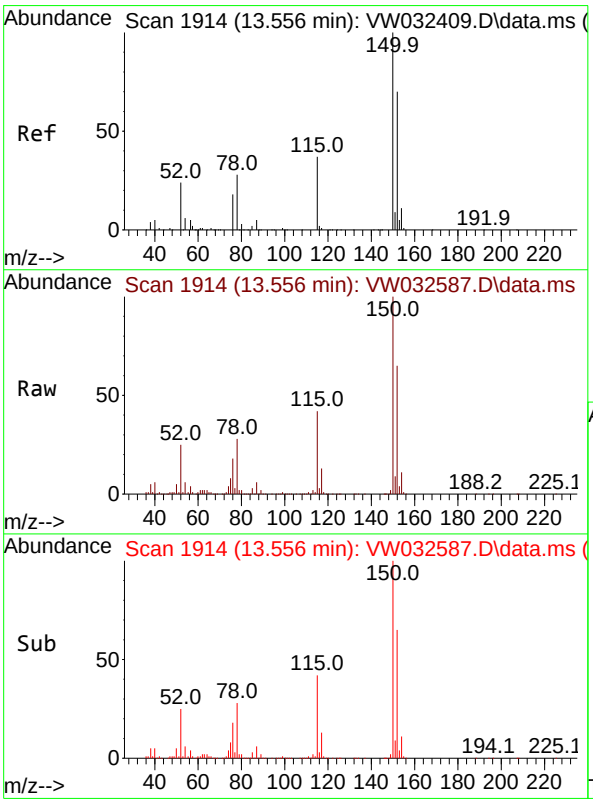
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Tgt Ion:117 Resp: 366572

Ion	Ratio	Lower	Upper
117	100		
82	61.8	45.9	68.9
119	32.6	26.3	39.5

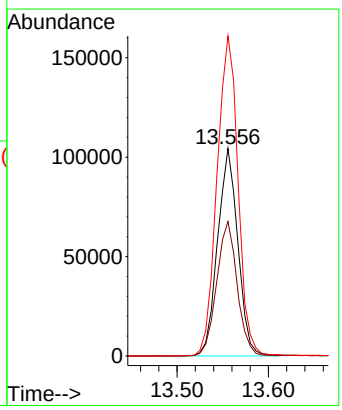




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032587.D
Acq: 08 Dec 2025 11:56

Tgt Ion:152 Resp: 160550

Ion	Ratio	Lower	Upper
152	100		
115	65.8	31.1	93.3
150	161.2	0.0	351.2



Sample Results: **VW032587.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB4A

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_W\Method\82W120325S.M
Title : SW846 8260

Signal : TIC: VW032587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.948	491	502	510	rBV3	24965	82920	7.14%	1.248%
2	5.039	510	517	529	rVB3	16658	57399	4.94%	0.864%
3	5.966	662	669	680	rVB3	6895	21446	1.85%	0.323%
4	7.161	857	865	874	rBV	6809	17912	1.54%	0.270%
5	7.898	975	986	990	rBV2	150197	366363	31.55%	5.515%
6	7.959	990	996	1008	rVB	297017	677876	58.38%	10.204%
7	8.313	1045	1054	1066	rBV	179262	414306	35.68%	6.236%
8	8.849	1133	1142	1152	rBV	472493	967000	83.29%	14.556%
9	10.325	1374	1384	1402	rBV	596252	1081932	93.18%	16.286%
10	11.629	1589	1598	1610	rBV	668570	1161065	100.00%	17.477%
11	12.617	1750	1760	1772	rBV	396222	673823	58.03%	10.143%
12	13.556	1907	1914	1924	rBV	653061	1047674	90.23%	15.770%
13	13.647	1924	1929	1937	rVB2	15781	29290	2.52%	0.441%
14	14.062	1990	1997	2005	rBV	24840	44373	3.82%	0.668%

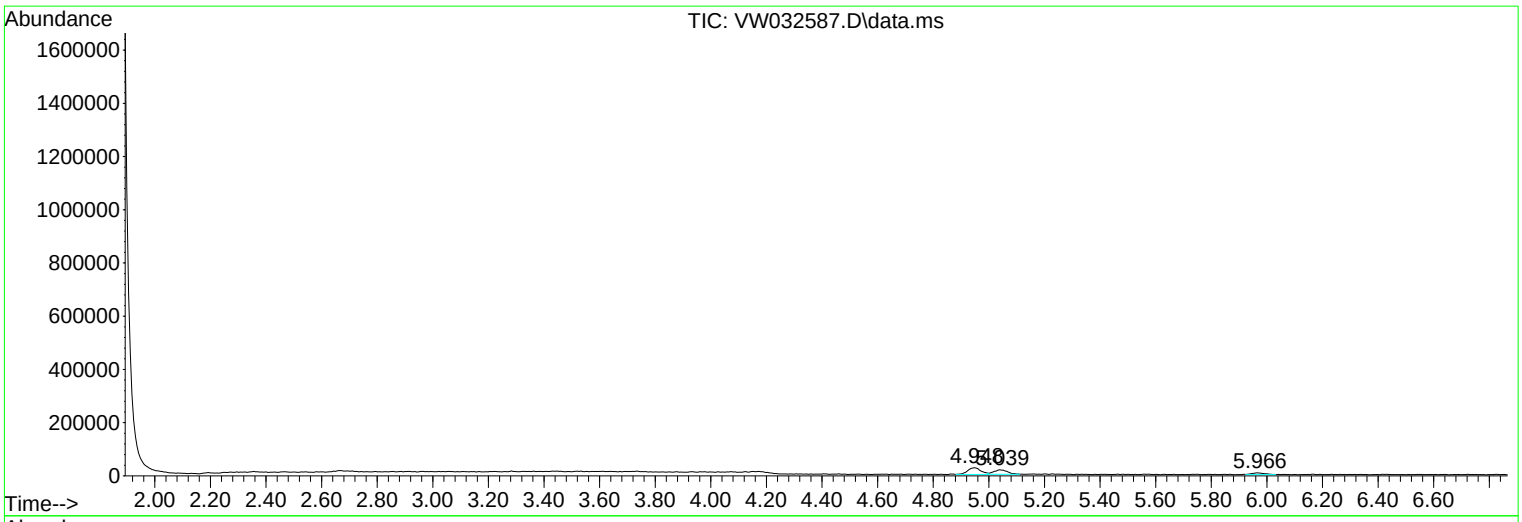
Sum of corrected areas: 6643379

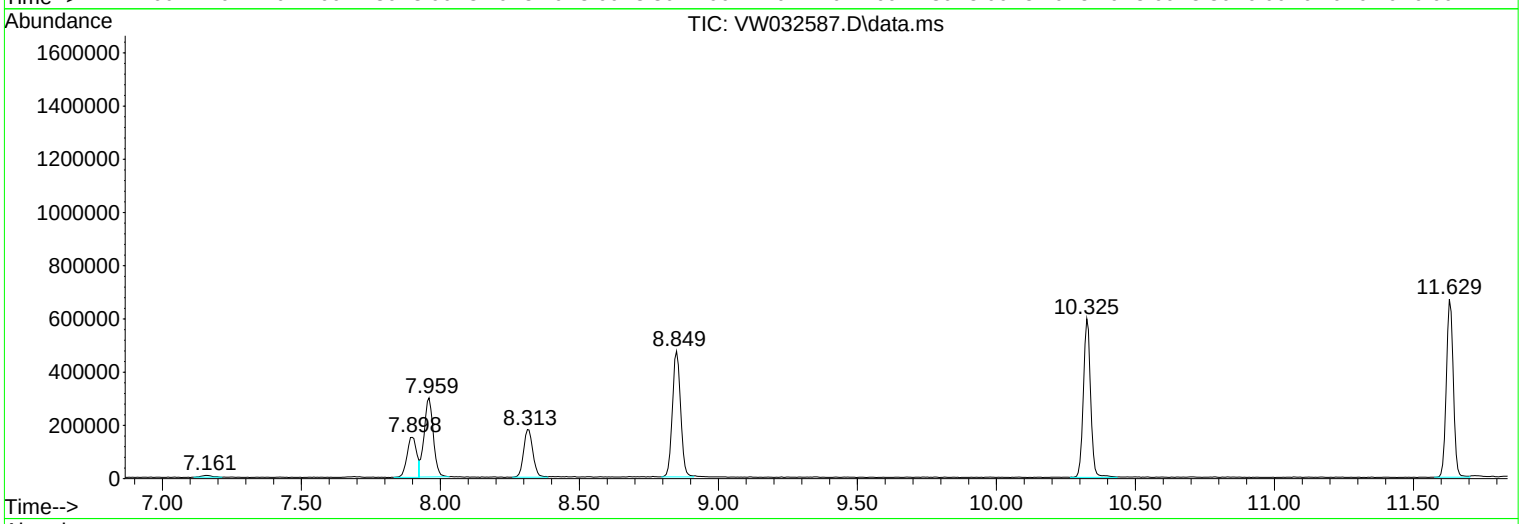
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

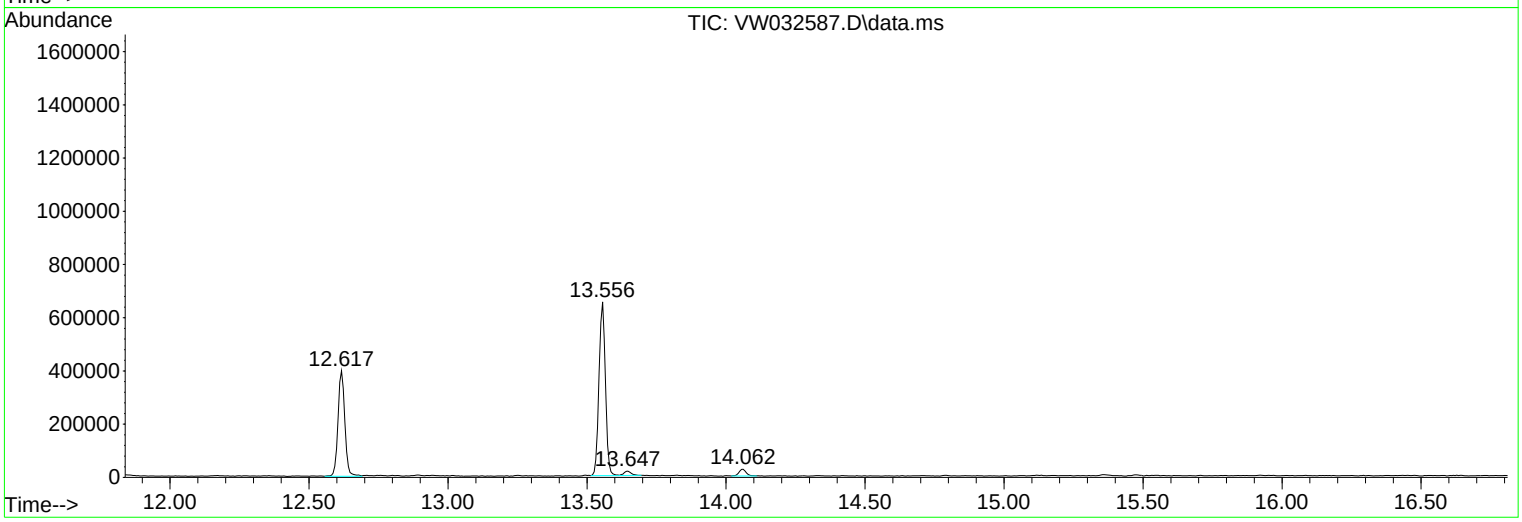
Instrument :
MSVOA_W
ClientSampleId :
SB4A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.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_W\Data\VW120825\
Data File : VW032587.D
Acq On : 08 Dec 2025 11:56
Operator : SY/MD
Sample : Q3784-04
Misc : 3.38g/5mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB4A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.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_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 05:03:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

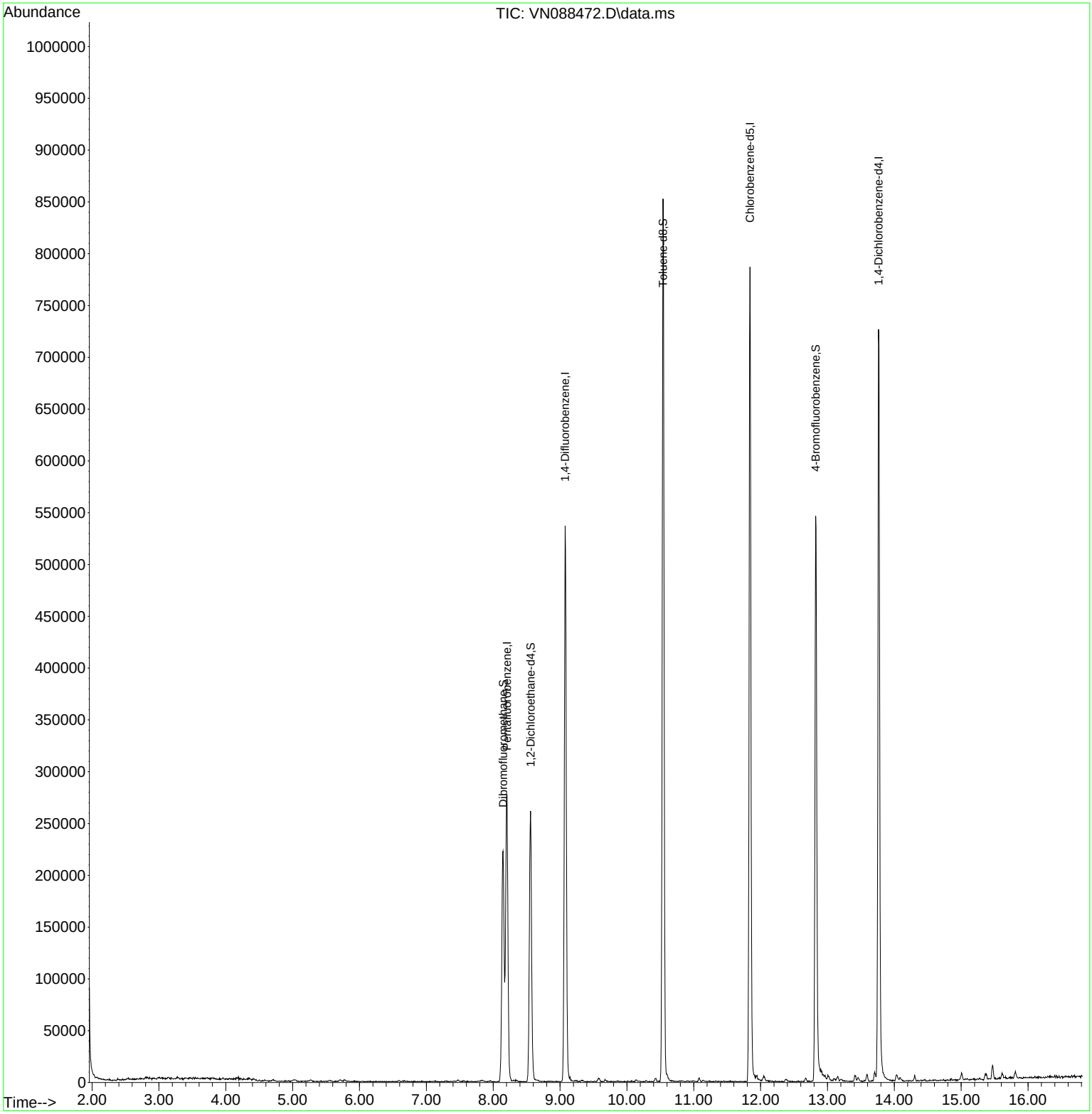
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	179224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	426527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	191763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227119	67.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 134.540%#			
35) Dibromofluoromethane	8.147	113	160599	54.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.660%			
50) Toluene-d8	10.541	98	563165	51.206	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.823	95	203769	53.999	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.000%			
Target Compounds						Qvalue

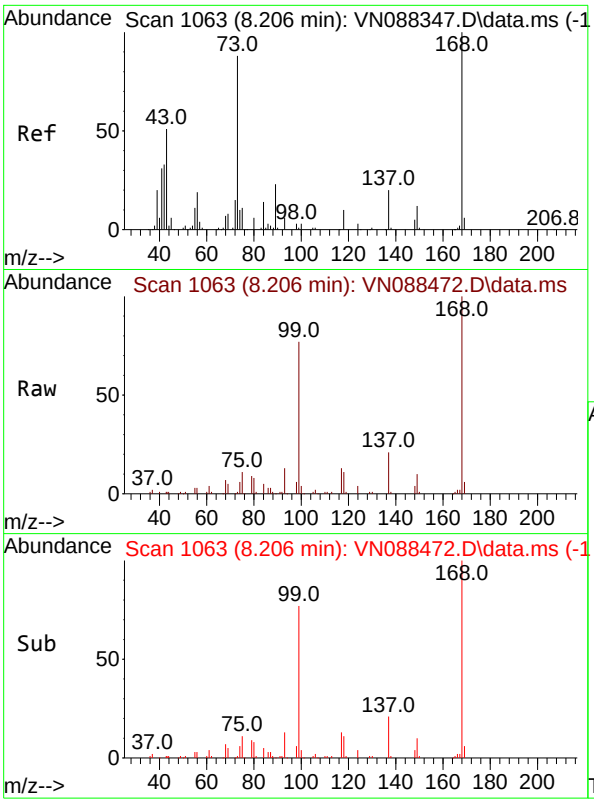
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 05:03:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration



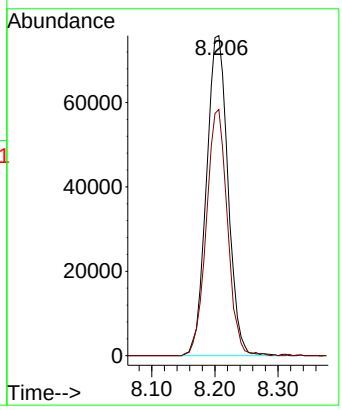


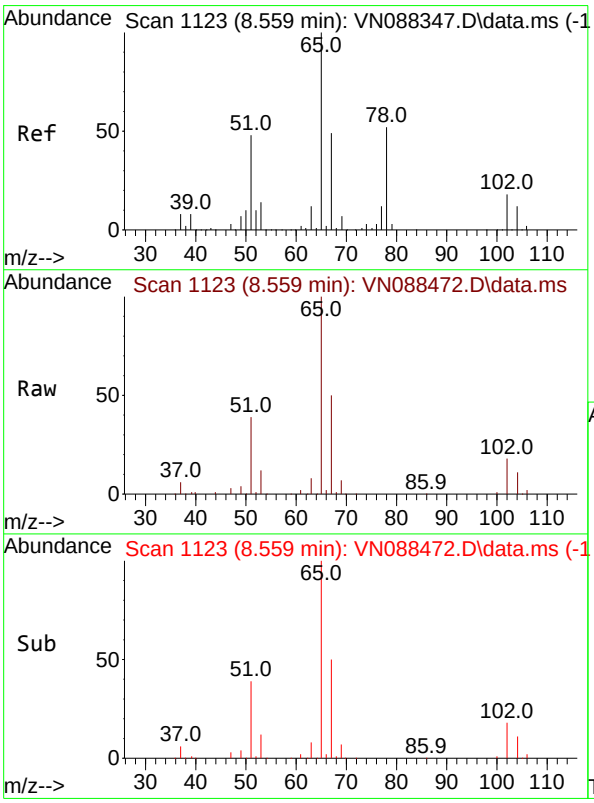
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Tgt Ion:168 Resp: 179224

Ion	Ratio	Lower	Upper
168	100		
99	77.0	57.1	85.7

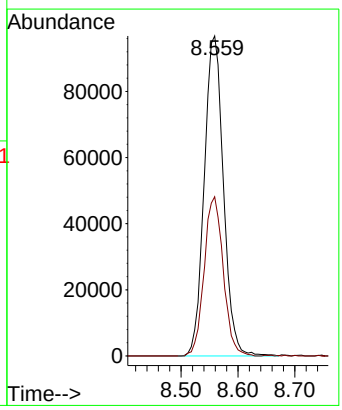


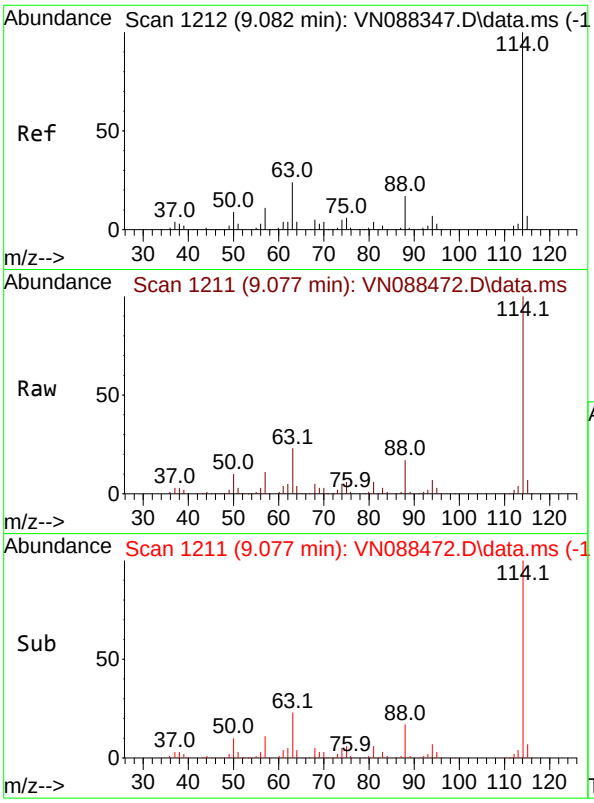


#33
1,2-Dichloroethane-d4
Concen: 67.270 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 65 Resp: 227119

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	100.8



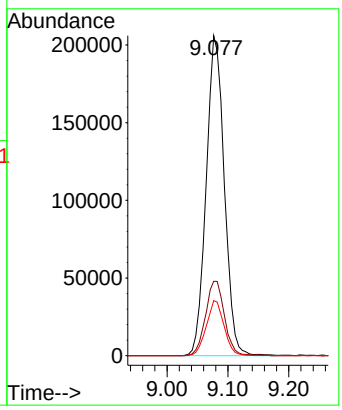


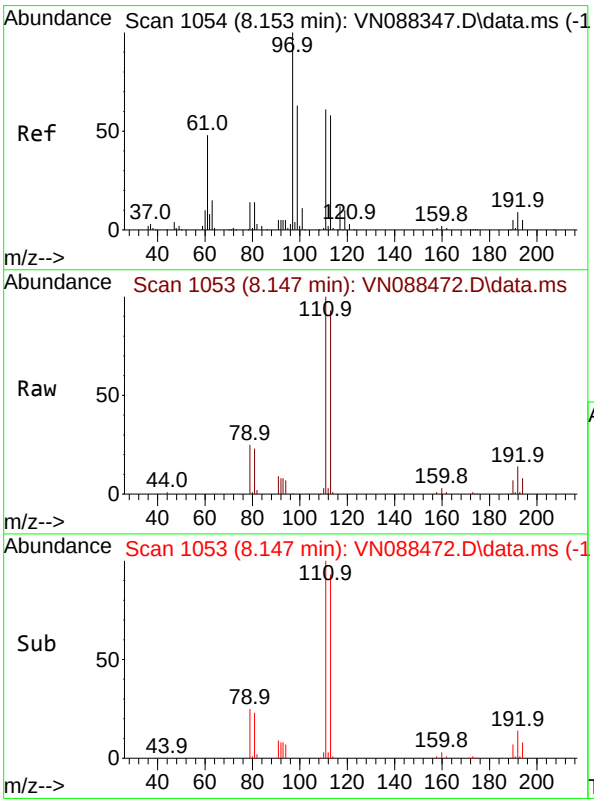
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.077 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Tgt Ion:114 Resp: 426527

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	49.0
88	17.2	0.0	34.0

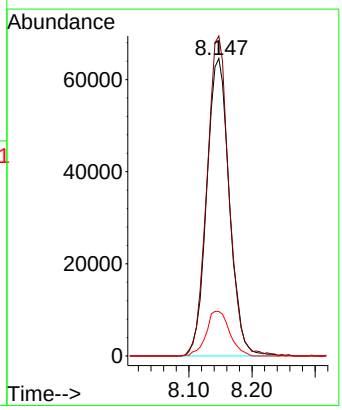


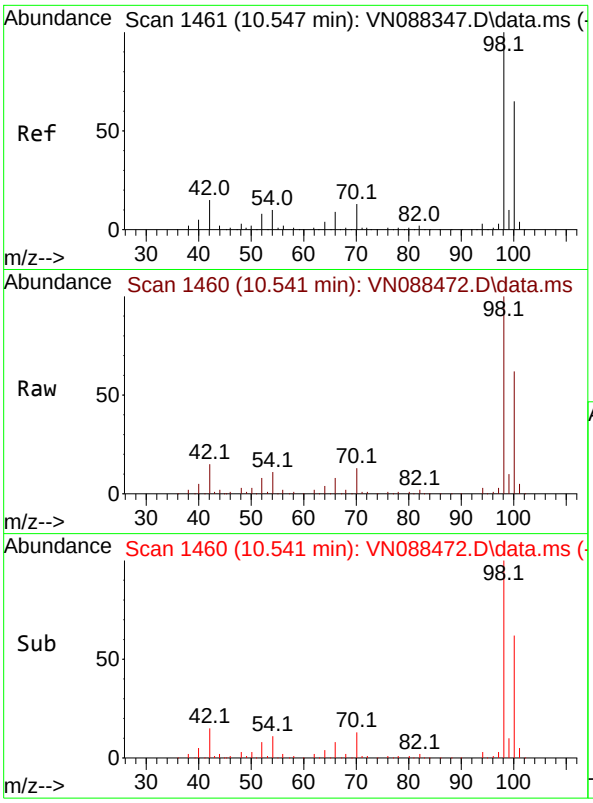


#35
Dibromofluoromethane
Concen: 54.333 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion:113 Resp: 160599

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.5	123.7
192	15.6	12.8	19.2



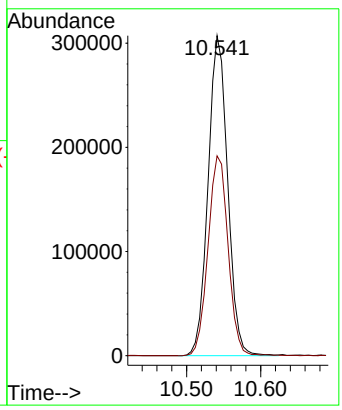


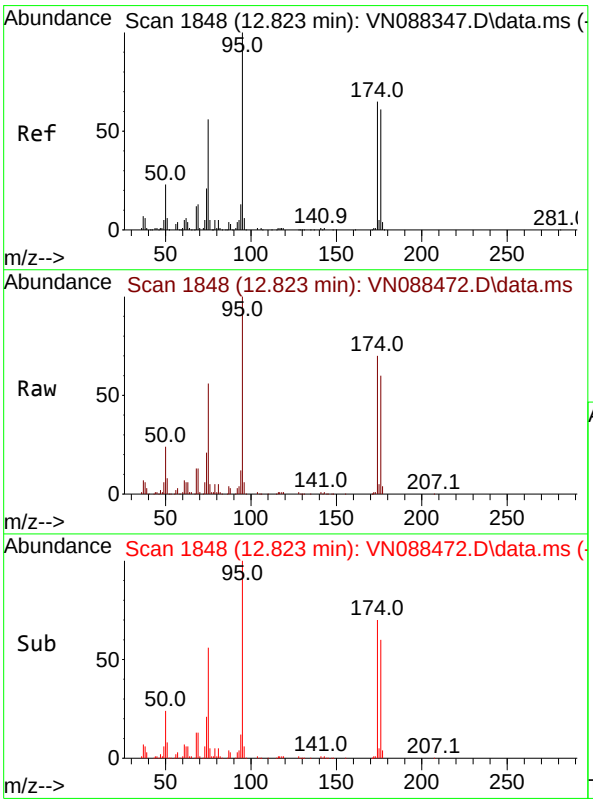
#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Tgt Ion: 98 Resp: 563165

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2

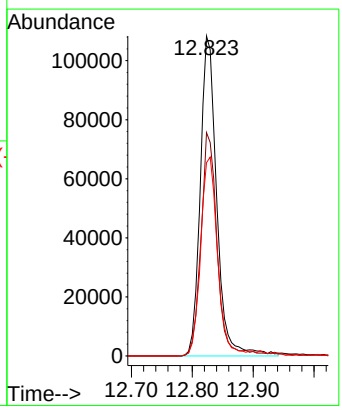


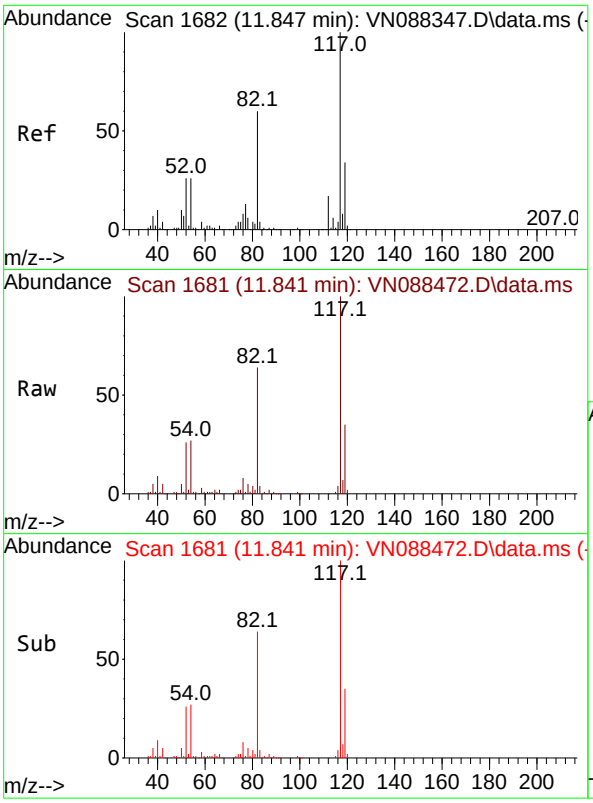


#62
4-Bromofluorobenzene
Concen: 53.999 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 95 Resp: 203769

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	139.0
176	63.5	0.0	132.4



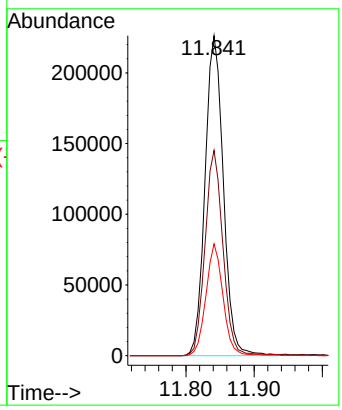


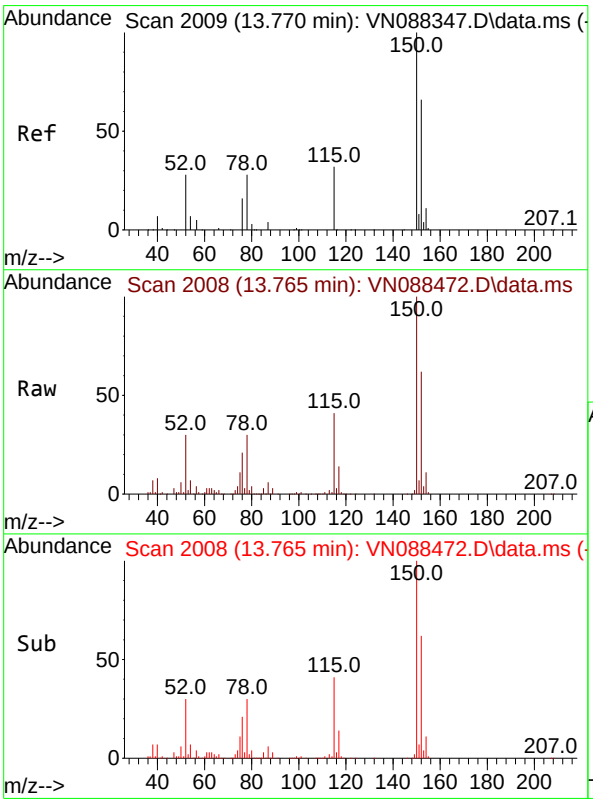
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Tgt Ion:117 Resp: 423766

Ion	Ratio	Lower	Upper
117	100		
82	64.2	47.8	71.8
119	35.0	26.9	40.3

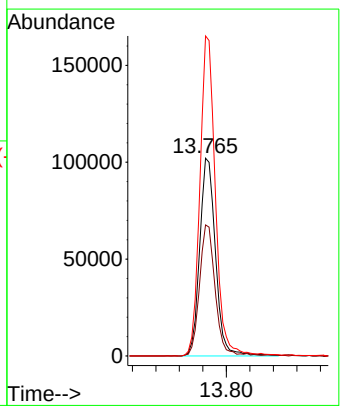




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion:152 Resp: 191763

Ion	Ratio	Lower	Upper
152	100		
115	65.5	33.0	98.9
150	158.4	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

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_N\methods\82N112425W.M
Title : SW846 8260

Signal : TIC: VN088472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1043	1053	1057	rBV	222264	533372	33.65%	6.390%
2	8.206	1057	1063	1074	rVB	276617	658756	41.56%	7.892%
3	8.559	1113	1123	1137	rBV	261033	605505	38.20%	7.254%
4	9.077	1202	1211	1222	rBV	536184	1115074	70.35%	13.358%
5	10.541	1452	1460	1469	rBV	852105	1585026	100.00%	18.988%
6	11.841	1673	1681	1694	rBV	786631	1471434	92.83%	17.627%
7	12.823	1840	1848	1860	rBV	545372	1029862	64.97%	12.338%
8	13.765	2001	2008	2024	rVB	723372	1326561	83.69%	15.892%
9	15.470	2293	2298	2303	rBV5	13166	21809	1.38%	0.261%

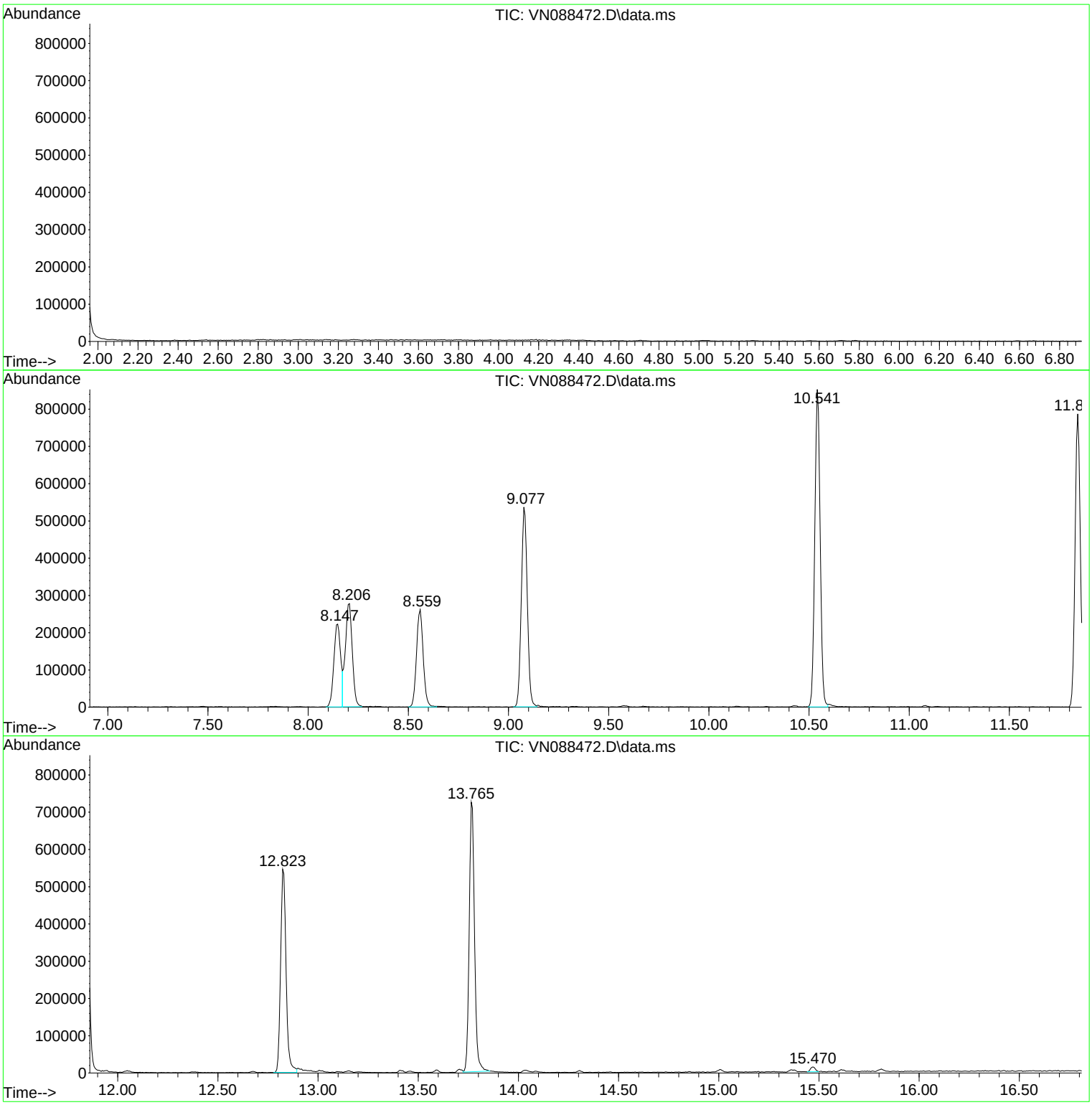
Sum of corrected areas: 8347399

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.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_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.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_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Quant Time: Dec 09 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	314569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	616405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	548609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	253865	54.229	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.460%			
35) Dibromofluoromethane	7.898	113	205810	50.738	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 101.480%			
50) Toluene-d8	10.325	98	752692	49.313	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.617	95	254323	45.099	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 90.200%			

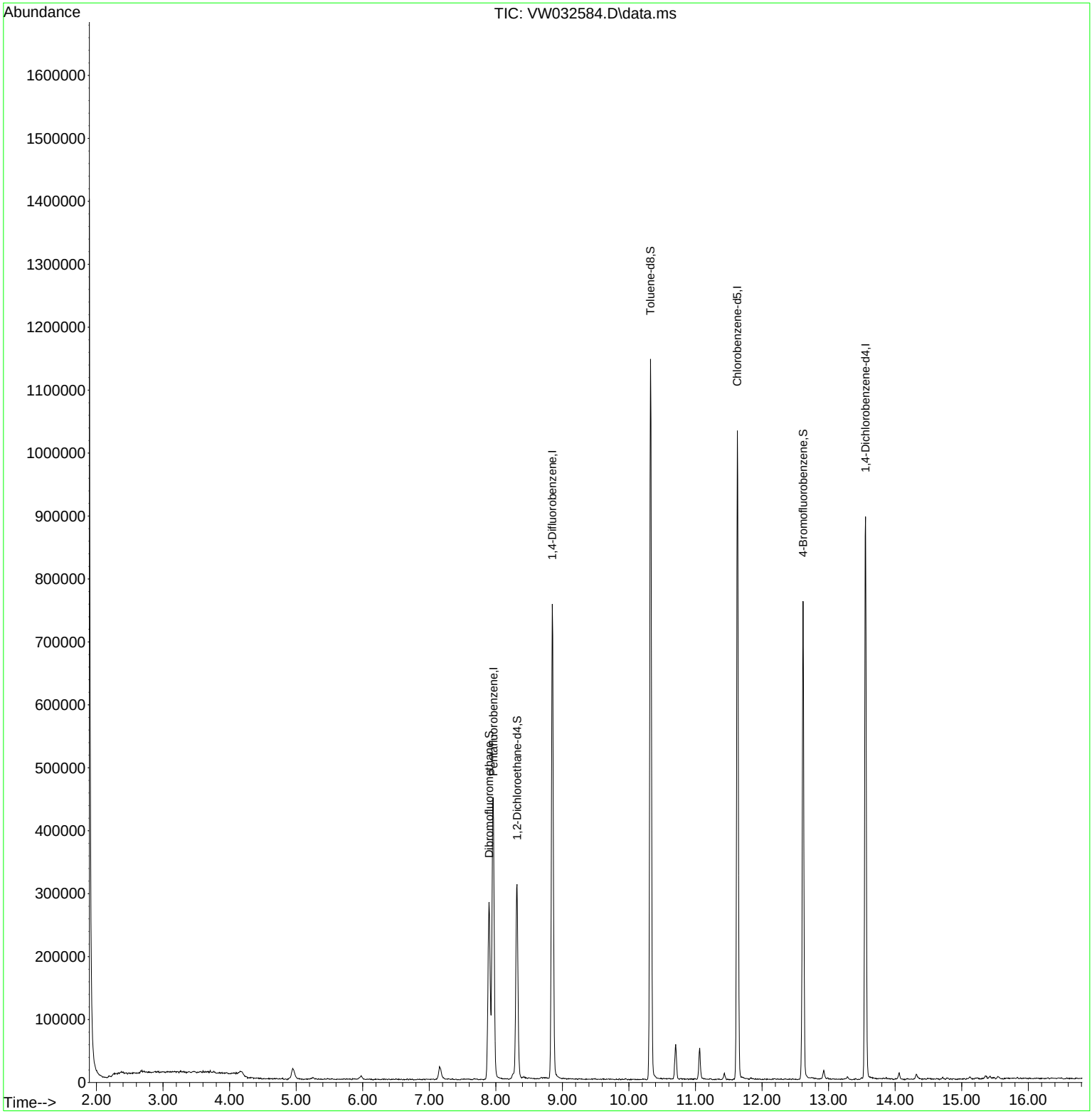
Target Compounds Qvalue

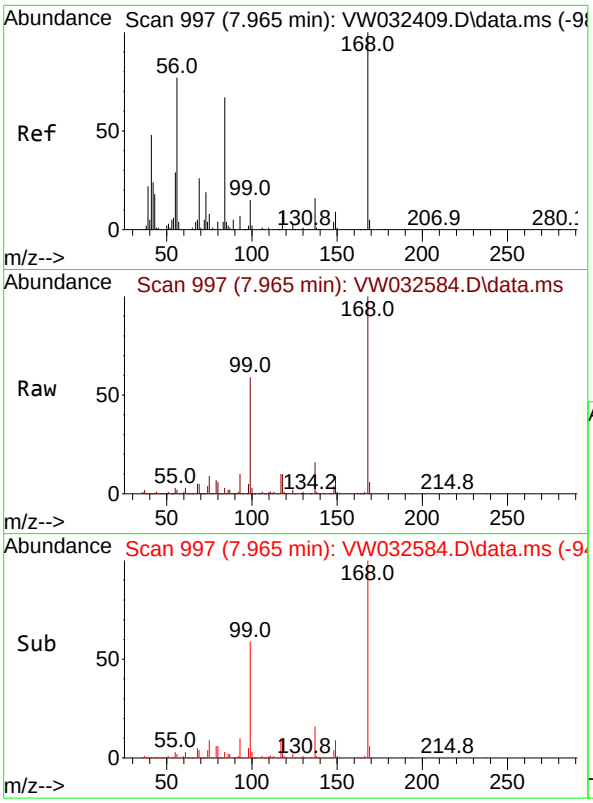
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Quant Time: Dec 09 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration



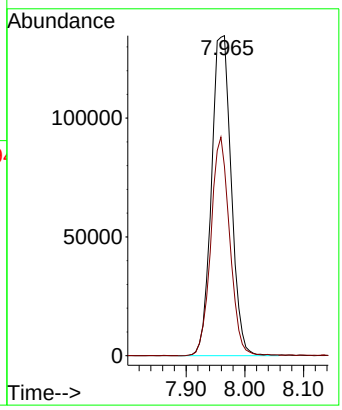


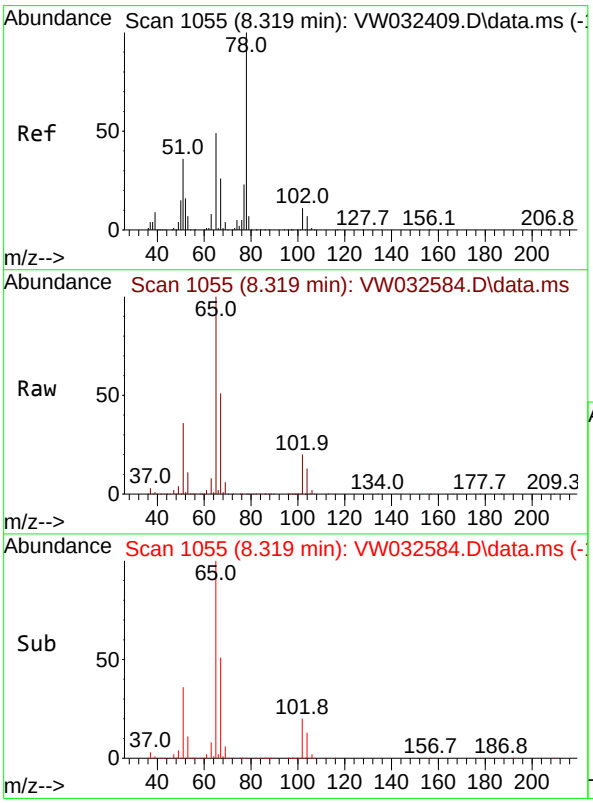
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Tgt Ion:168 Resp: 314569

Ion	Ratio	Lower	Upper
168	100		
99	59.2	51.8	77.8

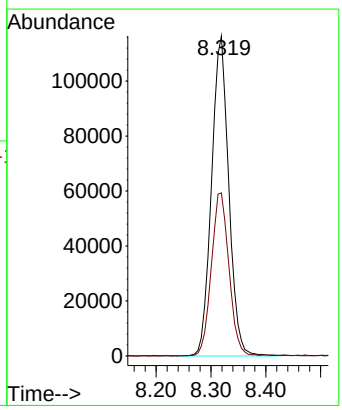


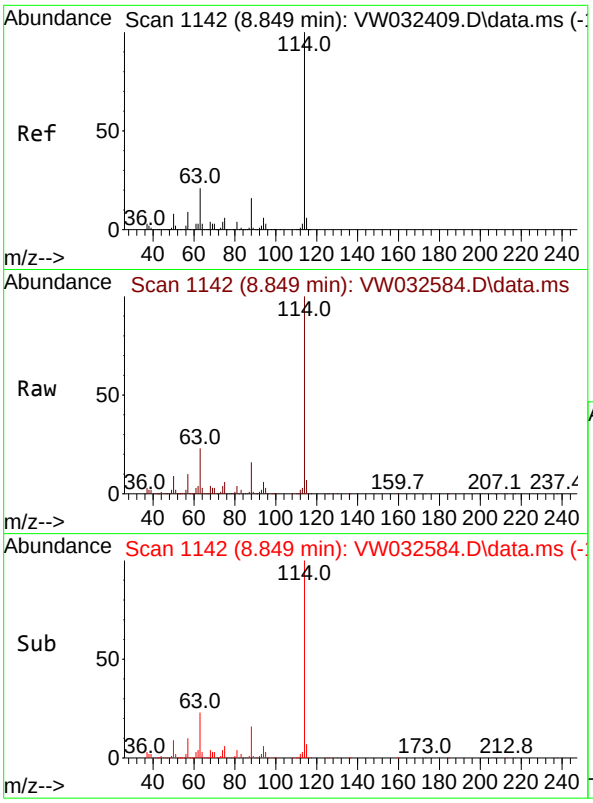


#33
1,2-Dichloroethane-d4
Concen: 54.229 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 65 Resp: 253865

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	108.0



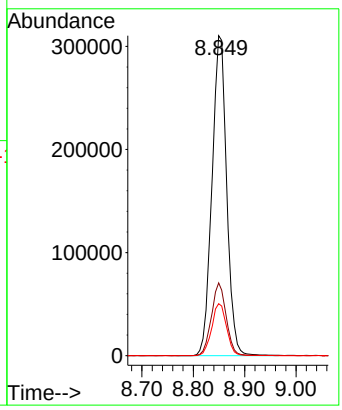


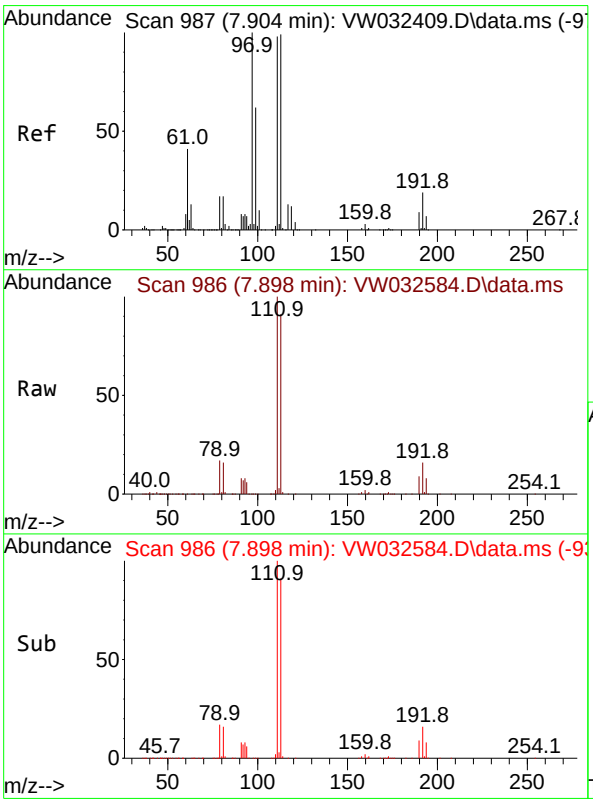
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Tgt Ion:114 Resp: 616405

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	40.6
88	16.2	0.0	31.2

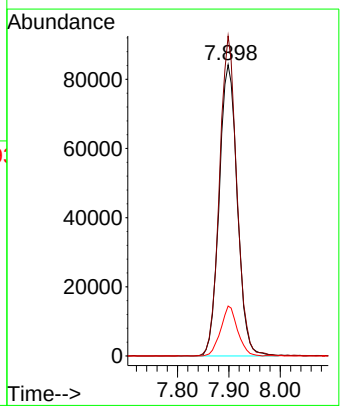


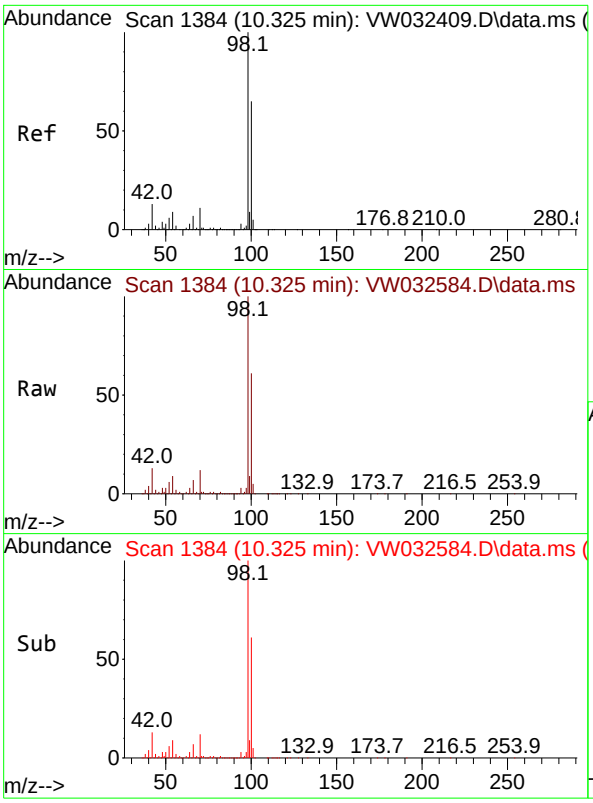


#35
Dibromofluoromethane
Concen: 50.738 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion:113 Resp: 205810

Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.4	125.0
192	16.0	13.4	20.2



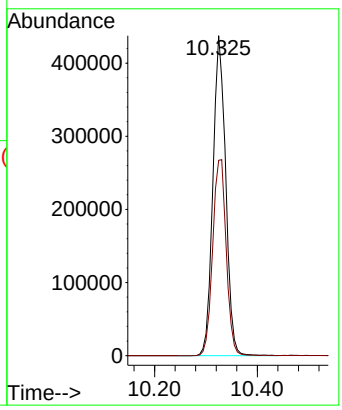


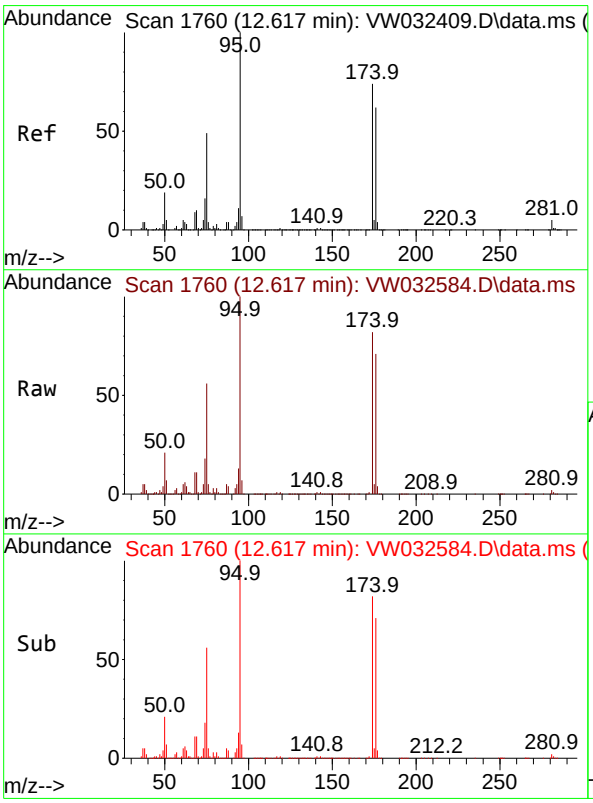
#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Tgt Ion: 98 Resp: 752692

Ion	Ratio	Lower	Upper
98	100		
100	65.1	54.7	82.1

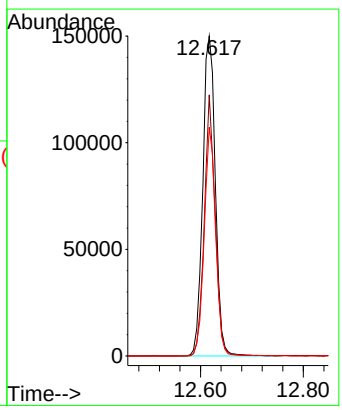


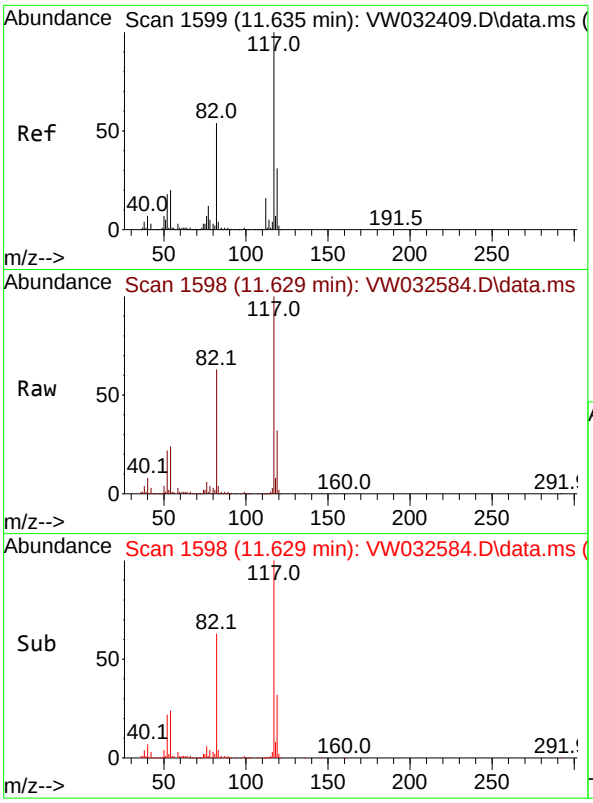


#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion: 95 Resp: 254323

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	141.2
176	65.2	0.0	130.8



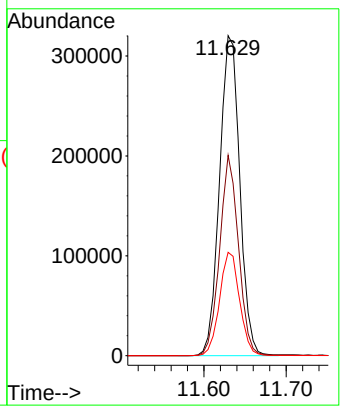


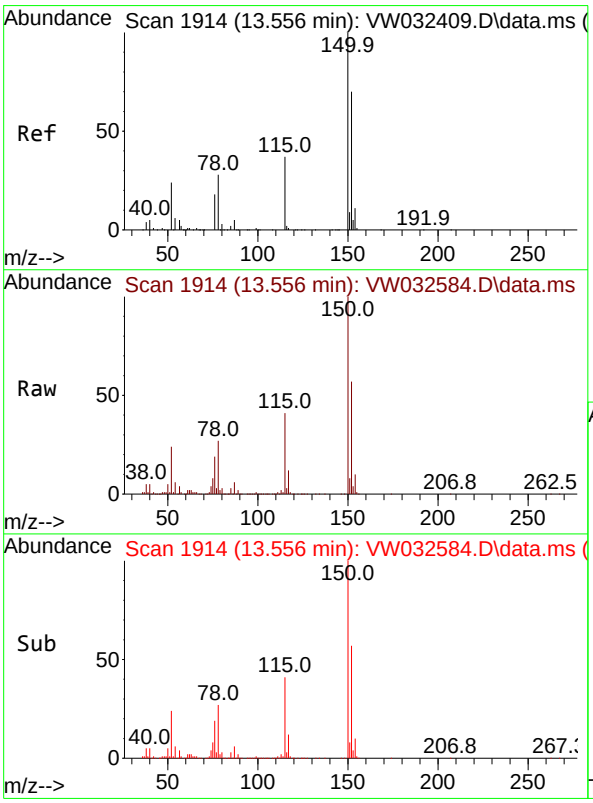
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Tgt Ion:117 Resp: 548609

Ion	Ratio	Lower	Upper
117	100		
82	62.6	45.9	68.9
119	32.3	26.3	39.5

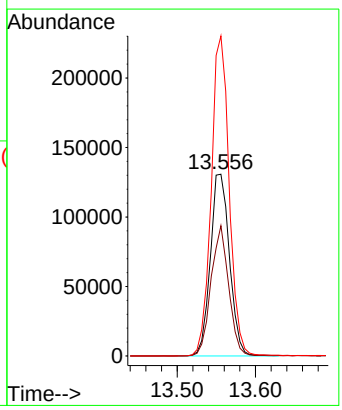




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032584.D
Acq: 08 Dec 2025 10:18

Tgt Ion:152 Resp: 222458

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.1	93.3
150	165.2	0.0	351.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

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_W\Method\82W120325S.M
Title : SW846 8260

Signal : TIC: VW032584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.948	491	502	514	rBV3	17319	60725	2.98%	0.565%
2	7.154	857	864	873	rBV2	19994	55904	2.75%	0.520%
3	7.898	977	986	991	rBV	281079	681492	33.49%	6.341%
4	7.959	991	996	1014	rVB2	446317	1008903	49.58%	9.387%
5	8.319	1037	1055	1067	rBV	309429	717205	35.25%	6.673%
6	8.849	1133	1142	1166	rVB	754402	1515807	74.50%	14.104%
7	10.325	1376	1384	1399	rBV	1143966	2034732	100.00%	18.932%
8	10.703	1439	1446	1455	rVB	55766	103323	5.08%	0.961%
9	11.062	1496	1505	1511	rBV2	49966	84593	4.16%	0.787%
10	11.629	1590	1598	1607	rBV	1030751	1732440	85.14%	16.119%
11	12.617	1751	1760	1773	rBV	759508	1252615	61.56%	11.655%
12	12.928	1805	1811	1818	rVB3	13203	23037	1.13%	0.214%
13	13.556	1906	1914	1922	rBV	892323	1476830	72.58%	13.741%

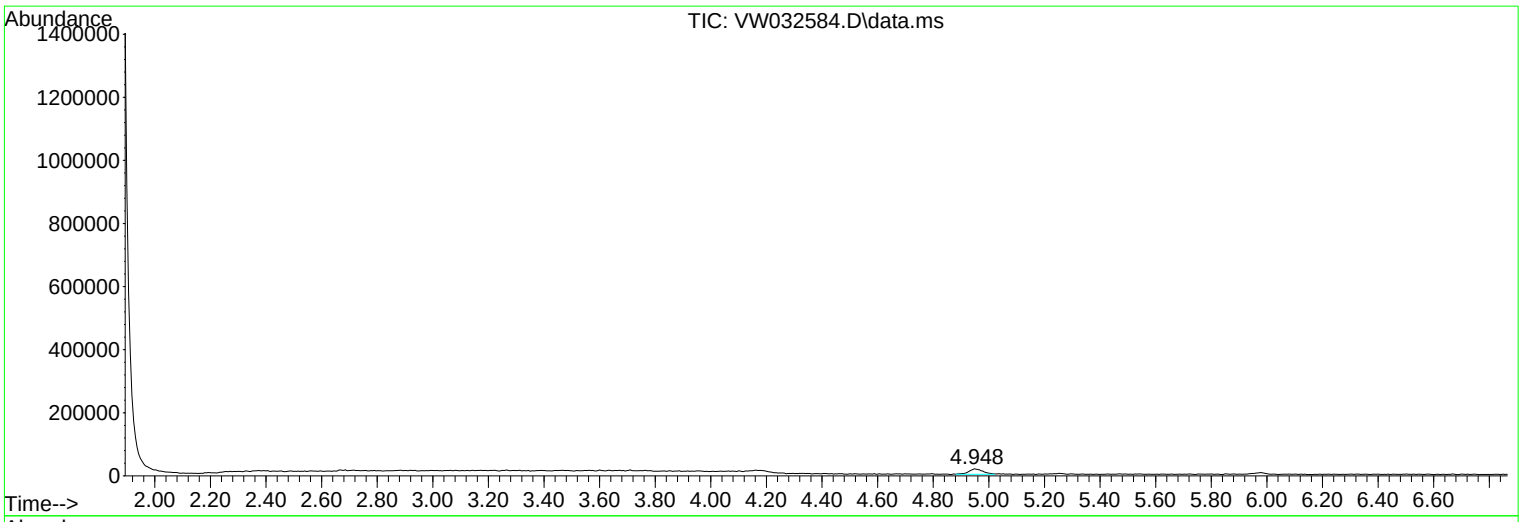
Sum of corrected areas: 10747606

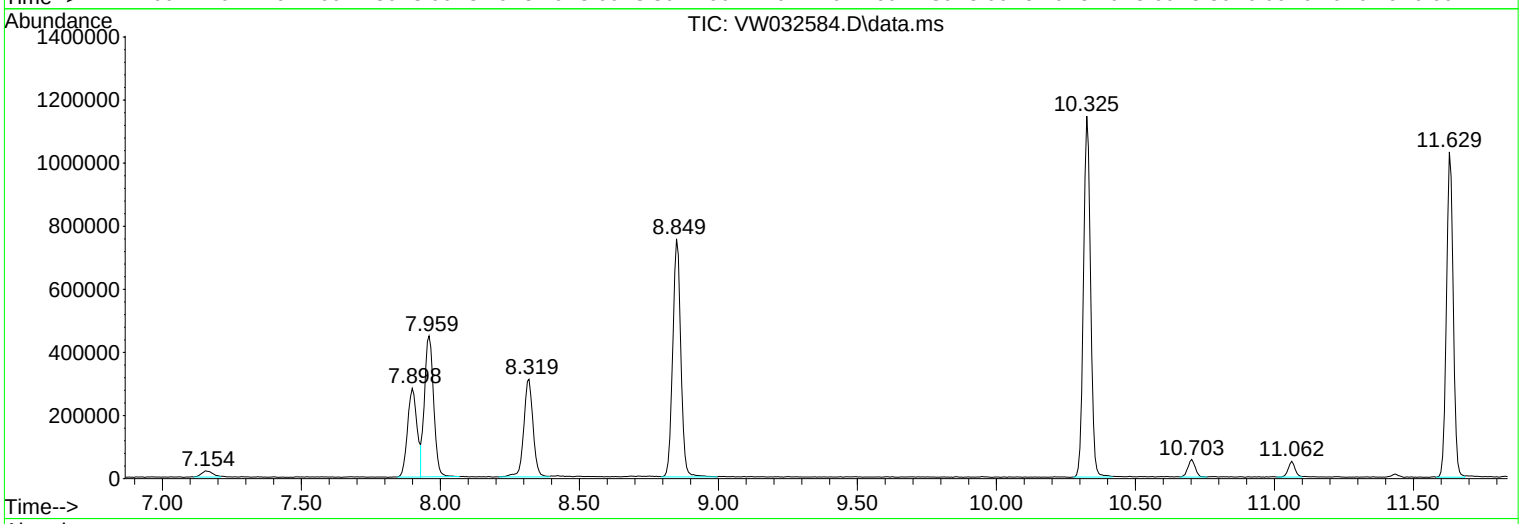
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

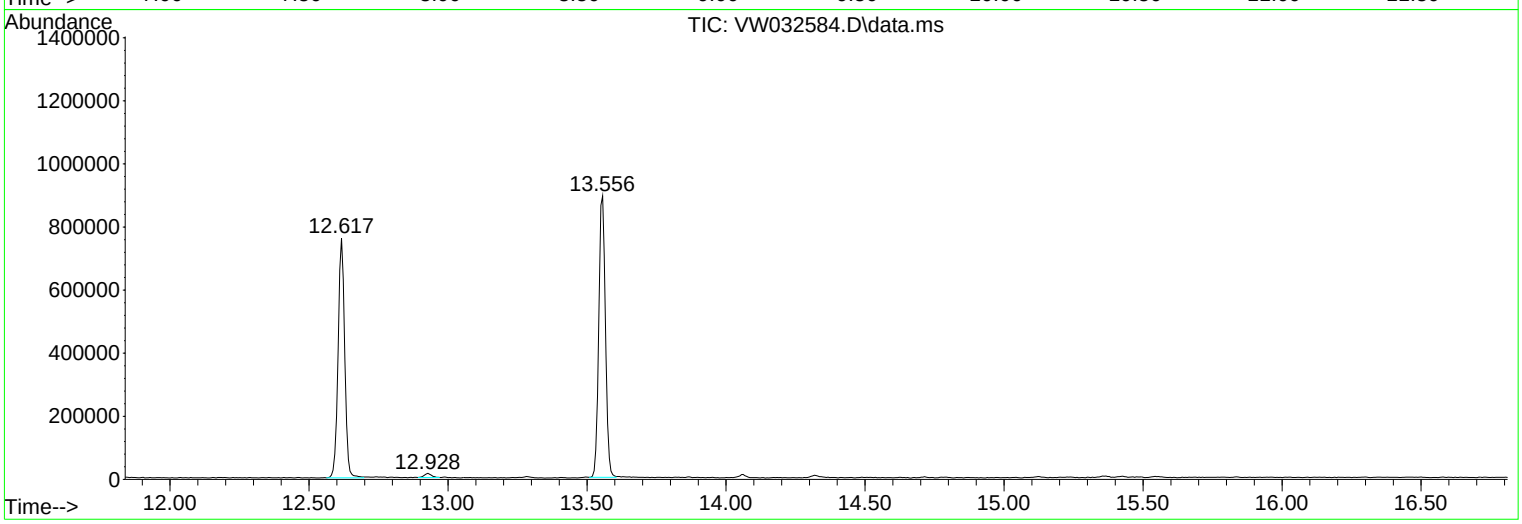
Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.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_W\Data\VW120825\
Data File : VW032584.D
Acq On : 08 Dec 2025 10:18
Operator : SY/MD
Sample : VW1208SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.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_N\Data\VN120925\
Data File : VN088474.D
Acq On : 09 Dec 2025 12:51
Operator : JC\MD
Sample : VN1209MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 05:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.200	168	227429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	428540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	382331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	181539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	249926	58.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.680%			
35) Dibromofluoromethane	8.147	113	164303	55.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	10.541	98	586278	53.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.823	95	200629	52.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	72820	21.317	ug/l	97
3) Chloromethane	2.383	50	79525	21.676	ug/l	98
4) Vinyl Chloride	2.542	62	75327	20.182	ug/l	97
5) Bromomethane	2.983	94	39084	21.757	ug/l	91
6) Chloroethane	3.148	64	49145	21.277	ug/l	96
7) Trichlorofluoromethane	3.518	101	114459	21.819	ug/l	89
8) Diethyl Ether	3.959	74	43812	22.252	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	61922	22.173	ug/l	99
10) Methyl Iodide	4.589	142	51139	18.498	ug/l	94
11) Tert butyl alcohol	5.500	59	60289	88.140	ug/l	97
12) 1,1-Dichloroethene	4.342	96	57475	20.714	ug/l	93
13) Acrolein	4.177	56	55735	85.109	ug/l	99
14) Allyl chloride	5.018	41	110312	21.450	ug/l	98
15) Acrylonitrile	5.706	53	219860	111.405	ug/l	98
16) Acetone	4.418	43	156637	101.093	ug/l	98
17) Carbon Disulfide	4.712	76	181506	20.018	ug/l	99
18) Methyl Acetate	5.018	43	106878	23.173	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	234407	22.549	ug/l	100
20) Methylene Chloride	5.265	84	73684	22.227	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	65282	21.239	ug/l	89
22) Diisopropyl ether	6.647	45	255787	23.296	ug/l	89
23) Vinyl Acetate	6.588	43	988452m	111.739	ug/l	
24) 1,1-Dichloroethane	6.553	63	139641	22.458	ug/l	99
25) 2-Butanone	7.465	43	264652	106.248	ug/l	100
26) 2,2-Dichloropropane	7.471	77	123953	23.096	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	75785	21.216	ug/l	94
28) Bromochloromethane	7.794	49	65531	21.157	ug/l	99
29) Tetrahydrofuran	7.818	42	200635	112.297	ug/l	97
30) Chloroform	7.947	83	143040	23.412	ug/l	98
31) Cyclohexane	8.241	56	116187	20.620	ug/l	86
32) 1,1,1-Trichloroethane	8.147	97	121743	22.663	ug/l	95
36) 1,1-Dichloropropene	8.353	75	91060	19.868	ug/l	99
37) Ethyl Acetate	7.535	43	123362	20.470	ug/l	98
38) Carbon Tetrachloride	8.341	117	101531	22.253	ug/l	92
39) Methylcyclohexane	9.576	83	91447	18.653	ug/l	91
40) Benzene	8.582	78	287129	21.345	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088474.D
Acq On : 09 Dec 2025 12:51
Operator : JC\MD
Sample : VN1209MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 05:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	66730	22.356	ug/l		97
42) 1,2-Dichloroethane	8.647	62	122331	23.836	ug/l		100
43) Isopropyl Acetate	8.665	43	197354	21.434	ug/l		100
44) Trichloroethene	9.329	130	63588	20.006	ug/l		93
45) 1,2-Dichloropropane	9.600	63	78679	22.828	ug/l		97
46) Dibromomethane	9.688	93	54290	22.072	ug/l		98
47) Bromodichloromethane	9.865	83	114487	22.812	ug/l		94
48) Methyl methacrylate	9.659	41	89015	21.188	ug/l		96
49) 1,4-Dioxane	9.677	88	17737	331.979	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.424	43	613282	112.999	ug/l		100
52) Toluene	10.606	92	176214	22.686	ug/l		95
53) t-1,3-Dichloropropene	10.812	75	109477	21.252	ug/l		99
54) cis-1,3-Dichloropropene	10.288	75	121017	22.339	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	69411	23.097	ug/l		95
56) Ethyl methacrylate	10.853	69	104150	21.940	ug/l		98
57) 1,3-Dichloropropane	11.135	76	120063	22.146	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.135	63	263107	96.138	ug/l		98
59) 2-Hexanone	11.176	43	372869	109.059	ug/l		99
60) Dibromochloromethane	11.335	129	75614	22.071	ug/l		97
61) 1,2-Dibromoethane	11.441	107	67506	22.182	ug/l		98
64) Tetrachloroethene	11.076	164	54571	18.004	ug/l		95
65) Chlorobenzene	11.870	112	184465	21.480	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65424	22.588	ug/l		99
67) Ethyl Benzene	11.941	91	305919	20.381	ug/l		99
68) m/p-Xylenes	12.047	106	230653	41.446	ug/l		97
69) o-Xylene	12.376	106	105705	19.923	ug/l		97
70) Styrene	12.388	104	187751	21.794	ug/l		99
71) Bromoform	12.559	173	47080	22.192	ug/l	#	99
73) Isopropylbenzene	12.670	105	276195	20.577	ug/l		99
74) N-amyl acetate	12.682	43	97633m	21.358	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.912	83	100971	23.269	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	93516m	21.994	ug/l		
77) Bromobenzene	12.959	156	66985	21.811	ug/l		99
78) n-propylbenzene	13.012	91	341734	20.811	ug/l		98
79) 2-Chlorotoluene	13.100	91	210593	21.001	ug/l		98
80) 1,3,5-Trimethylbenzene	13.147	105	233042	20.952	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.717	75	32852	21.919	ug/l	#	93
82) 4-Chlorotoluene	13.200	91	222207	22.310	ug/l		98
83) tert-Butylbenzene	13.412	119	178966	18.928	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	234343	21.197	ug/l		98
85) sec-Butylbenzene	13.588	105	264546	19.476	ug/l		99
86) p-Isopropyltoluene	13.706	119	215804	19.375	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	128185	21.441	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	130926	20.907	ug/l		99
89) n-Butylbenzene	14.029	91	203585	18.825	ug/l		99
90) Hexachloroethane	14.306	117	39972	19.645	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	120055	21.339	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20221	19.206	ug/l		97
93) 1,2,4-Trichlorobenzene	15.364	180	61831	18.497	ug/l		99
94) Hexachlorobutadiene	15.470	225	21136	17.595	ug/l		96
95) Naphthalene	15.611	128	211703	18.276	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	59555	18.306	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088474.D
Acq On : 09 Dec 2025 12:51
Operator : JC\MD
Sample : VN1209MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 05:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

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

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

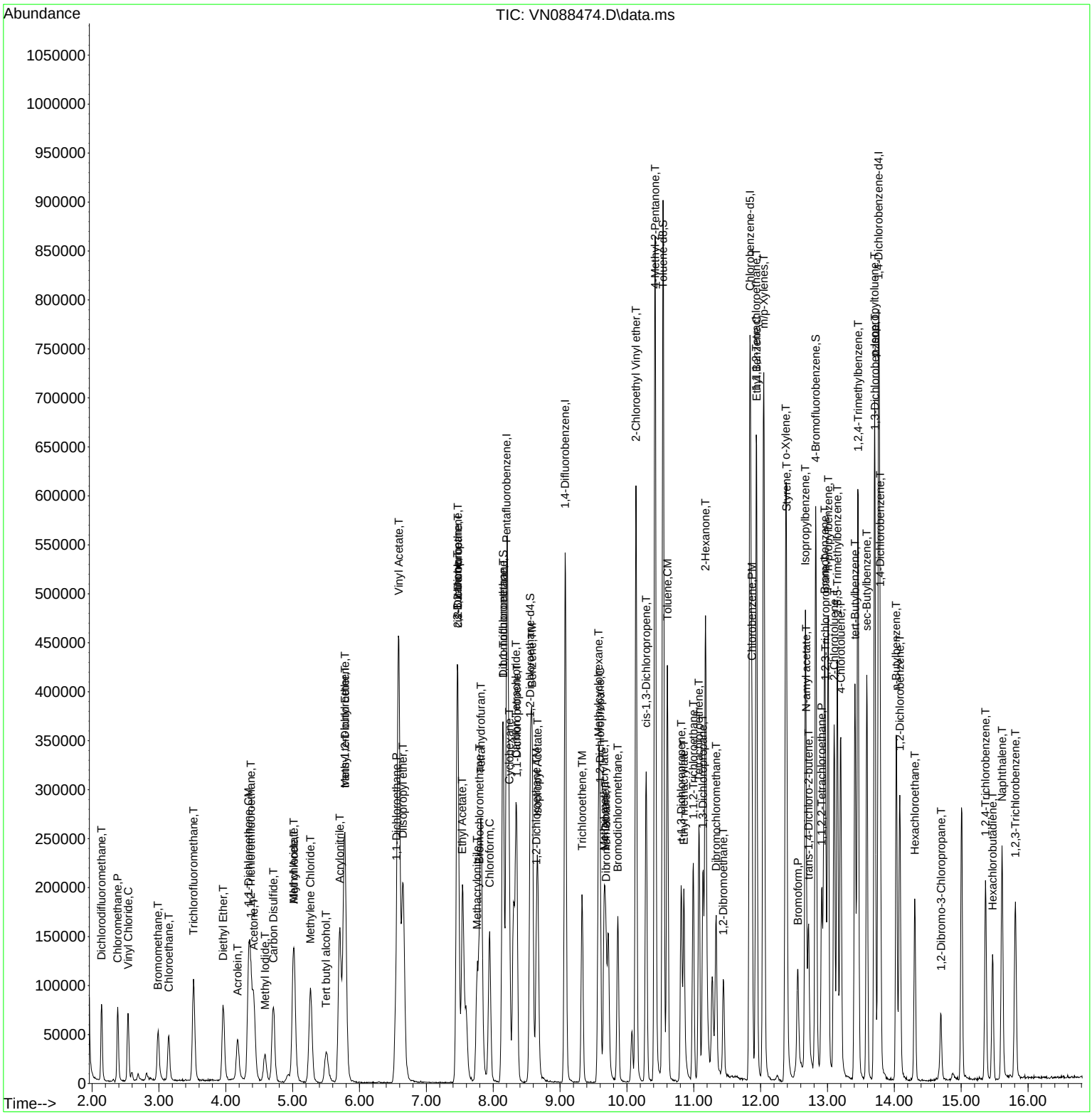
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088474.D
Acq On : 09 Dec 2025 12:51
Operator : JC\MD
Sample : VN1209MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 05:04:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032585.D
Acq On : 08 Dec 2025 11:01
Operator : SY/MD
Sample : VW1208SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	346269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	656064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	619620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	286140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	258211	50.108	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.220%			
35) Dibromofluoromethane	7.904	113	209630	48.555	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.120%			
50) Toluene-d8	10.325	98	774669	47.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.617	95	283661	47.260	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 94.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	48285	22.528	ug/l	94
3) Chloromethane	2.253	50	74097	18.806	ug/l	97
4) Vinyl Chloride	2.405	62	95742	20.028	ug/l	99
5) Bromomethane	2.826	94	62333	19.635	ug/l	100
6) Chloroethane	2.966	64	60243	19.511	ug/l	100
7) Trichlorofluoromethane	3.308	101	76960	20.771	ug/l	98
8) Diethyl Ether	3.728	74	54604	19.935	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	80738	20.611	ug/l	98
10) Methyl Iodide	4.307	142	119662	20.254	ug/l	99
11) Tert butyl alcohol	5.216	59	35319	89.108	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	86782	19.649	ug/l	98
13) Acrolein	3.948	56	2284m	3.251	ug/l	
14) Allyl chloride	4.710	41	159807	19.766	ug/l	97
15) Acrylonitrile	5.405	53	151799	105.530	ug/l	99
16) Acetone	4.161	43	180193	111.903	ug/l	100
17) Carbon Disulfide	4.423	76	259785	19.854	ug/l	96
18) Methyl Acetate	4.710	43	69183	20.860	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	171068	20.780	ug/l	97
20) Methylene Chloride	4.948	84	111139	19.300	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	94315	19.544	ug/l	97
22) Diisopropyl ether	6.344	45	336974	20.884	ug/l	97
23) Vinyl Acetate	6.283	43	1107584	103.593	ug/l	99
24) 1,1-Dichloroethane	6.246	63	188177	20.087	ug/l	99
25) 2-Butanone	7.197	43	212400	102.780	ug/l	99
26) 2,2-Dichloropropane	7.185	77	102082	18.797	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	107323	19.103	ug/l	98
28) Bromochloromethane	7.532	49	86720	20.607	ug/l	100
29) Tetrahydrofuran	7.557	42	132830	107.650	ug/l	99
30) Chloroform	7.697	83	184701	19.866	ug/l	98
31) Cyclohexane	7.971	56	165642	20.052	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	134907	19.993	ug/l	99
36) 1,1-Dichloropropene	8.099	75	129813	19.713	ug/l	98
37) Ethyl Acetate	7.276	43	92493	20.296	ug/l	99
38) Carbon Tetrachloride	8.081	117	120006	19.615	ug/l	87
39) Methylcyclohexane	9.343	83	155001	19.276	ug/l	95
40) Benzene	8.337	78	400420	19.081	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032585.D
Acq On : 08 Dec 2025 11:01
Operator : SY/MD
Sample : VW1208SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	46028	18.666	ug/l	#	84
42) 1,2-Dichloroethane	8.410	62	128926	20.038	ug/l		99
43) Isopropyl Acetate	8.435	43	159048	20.304	ug/l		100
44) Trichloroethene	9.099	130	90838	19.367	ug/l		100
45) 1,2-Dichloropropane	9.374	63	103503	19.857	ug/l		95
46) Dibromomethane	9.465	93	59561	19.760	ug/l		94
47) Bromodichloromethane	9.648	83	138948	19.668	ug/l		95
48) Methyl methacrylate	9.441	41	72787	20.441	ug/l		93
49) 1,4-Dioxane	9.459	88	15232	422.913	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.215	43	457564	105.566	ug/l		99
52) Toluene	10.392	92	249336	19.719	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	129972	19.177	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	153580	19.309	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	83252	20.621	ug/l		94
56) Ethyl methacrylate	10.648	69	111821	20.029	ug/l		99
57) 1,3-Dichloropropane	10.934	76	145840	20.241	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	307560	105.135	ug/l		99
59) 2-Hexanone	10.971	43	328100	106.290	ug/l		99
60) Dibromochloromethane	11.136	129	87931	19.433	ug/l		97
61) 1,2-Dibromoethane	11.239	107	78977	20.570	ug/l		95
64) Tetrachloroethene	10.867	164	74847	18.111	ug/l		94
65) Chlorobenzene	11.654	112	262042	17.898	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.733	131	83272	18.389	ug/l		97
67) Ethyl Benzene	11.727	91	452946	18.227	ug/l		99
68) m/p-Xylenes	11.837	106	353110	37.374	ug/l		97
69) o-Xylene	12.166	106	156081	18.039	ug/l		92
70) Styrene	12.178	104	292594	19.278	ug/l		99
71) Bromoform	12.349	173	47455	19.057	ug/l	#	98
73) Isopropylbenzene	12.458	105	397396	18.722	ug/l		100
74) N-amyl acetate	12.269	43	140792	20.038	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	102420	20.497	ug/l		100
76) 1,2,3-Trichloropropane	12.769	75	76557m	19.772	ug/l		
77) Bromobenzene	12.745	156	94827	18.899	ug/l		97
78) n-propylbenzene	12.800	91	522616	19.299	ug/l		100
79) 2-Chlorotoluene	12.891	91	314995	19.510	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	342625	18.918	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	32534	19.763	ug/l		93
82) 4-Chlorotoluene	12.983	91	332541	19.258	ug/l		99
83) tert-Butylbenzene	13.202	119	289501	19.381	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	351856	19.448	ug/l		99
85) sec-Butylbenzene	13.379	105	445004	19.315	ug/l		99
86) p-Isopropyltoluene	13.495	119	348959	18.390	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	198161	19.316	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	192043	18.860	ug/l		96
89) n-Butylbenzene	13.818	91	361417	18.755	ug/l		98
90) Hexachloroethane	14.086	117	67952	18.697	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	177690	19.746	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	17042	19.781	ug/l		97
93) 1,2,4-Trichlorobenzene	15.123	180	95073	17.347	ug/l		96
94) Hexachlorobutadiene	15.226	225	47026	18.640	ug/l		99
95) Naphthalene	15.360	128	231088	18.647	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	89200	17.915	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032585.D
Acq On : 08 Dec 2025 11:01
Operator : SY/MD
Sample : VW1208SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

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

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

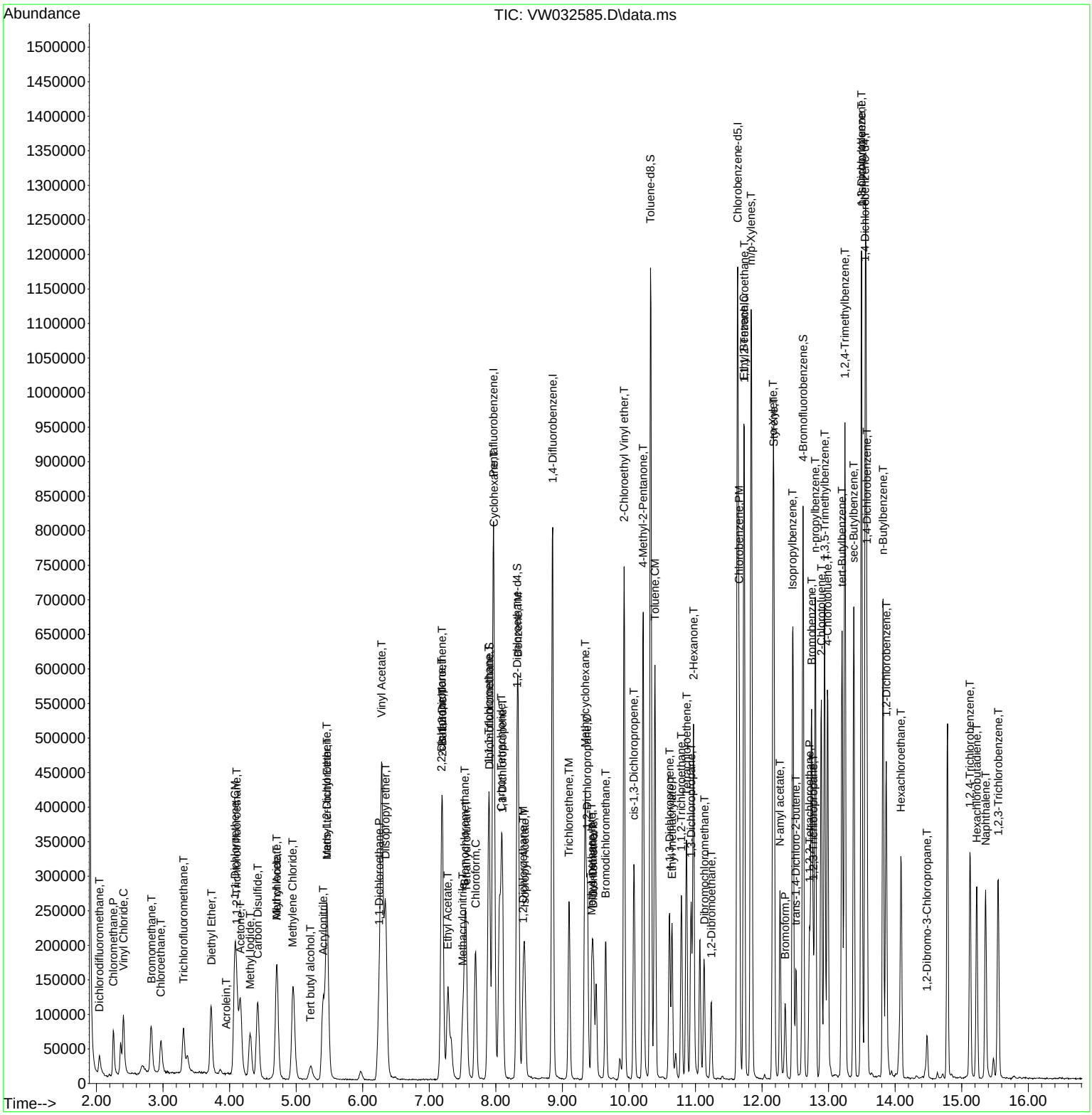
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032585.D
Acq On : 08 Dec 2025 11:01
Operator : SY/MD
Sample : VW1208SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032589.D
Acq On : 08 Dec 2025 12:39
Operator : SY/MD
Sample : VW1208SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:16:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	314458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	582852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	505370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	246600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	260184	55.598	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.200%			
35) Dibromofluoromethane	7.898	113	208460	54.349	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.700%			
50) Toluene-d8	10.331	98	803497	55.672	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 111.340%			
62) 4-Bromofluorobenzene	12.617	95	284520	53.358	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 106.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	42747	21.961	ug/l	92
3) Chloromethane	2.253	50	67594	18.891	ug/l	98
4) Vinyl Chloride	2.405	62	90838	20.925	ug/l	95
5) Bromomethane	2.826	94	57427	19.919	ug/l	98
6) Chloroethane	2.966	64	55422	19.766	ug/l	97
7) Trichlorofluoromethane	3.308	101	71134	21.140	ug/l	94
8) Diethyl Ether	3.722	74	48490	19.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	77831	21.879	ug/l	98
10) Methyl Iodide	4.314	142	105750	19.710	ug/l	99
11) Tert butyl alcohol	5.216	59	33168	92.147	ug/l #	80
12) 1,1-Dichloroethene	4.076	96	80361	20.035	ug/l	92
13) Acrolein	3.929	56	68996	108.149	ug/l	96
14) Allyl chloride	4.710	41	144529	19.685	ug/l	98
15) Acrylonitrile	5.405	53	139443	106.747	ug/l	99
16) Acetone	4.161	43	167134	114.293	ug/l	100
17) Carbon Disulfide	4.423	76	233368	19.639	ug/l	96
18) Methyl Acetate	4.710	43	60505	20.089	ug/l	96
19) Methyl tert-butyl Ether	5.466	73	154918	20.722	ug/l	98
20) Methylene Chloride	4.954	84	107943	20.641	ug/l	95
21) trans-1,2-Dichloroethene	5.466	96	86970	19.845	ug/l	90
22) Diisopropyl ether	6.344	45	302057	20.614	ug/l	95
23) Vinyl Acetate	6.283	43	1013107	104.342	ug/l	99
24) 1,1-Dichloroethane	6.246	63	168770	19.838	ug/l	99
25) 2-Butanone	7.197	43	197681	105.335	ug/l	97
26) 2,2-Dichloropropane	7.191	77	93408	18.940	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	98803	19.365	ug/l	100
28) Bromochloromethane	7.532	49	110938	29.029	ug/l	97
29) Tetrahydrofuran	7.551	42	120221	107.288	ug/l	100
30) Chloroform	7.691	83	168468	19.953	ug/l	96
31) Cyclohexane	7.971	56	154819	20.638	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	123035	20.078	ug/l	99
36) 1,1-Dichloropropene	8.093	75	122320	20.908	ug/l	98
37) Ethyl Acetate	7.276	43	85781	21.187	ug/l	98
38) Carbon Tetrachloride	8.087	117	107578	19.793	ug/l	97
39) Methylcyclohexane	9.343	83	146389	20.492	ug/l	99
40) Benzene	8.337	78	364749	19.564	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032589.D
Acq On : 08 Dec 2025 12:39
Operator : SY/MD
Sample : VW1208SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:16:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	42697	19.490	ug/l		88
42) 1,2-Dichloroethane	8.416	62	117144	20.493	ug/l		100
43) Isopropyl Acetate	8.435	43	142286	20.446	ug/l		100
44) Trichloroethene	9.099	130	80927	19.422	ug/l		92
45) 1,2-Dichloropropane	9.374	63	93473	20.185	ug/l		98
46) Dibromomethane	9.465	93	54963	20.525	ug/l		97
47) Bromodichloromethane	9.654	83	124388	19.818	ug/l		95
48) Methyl methacrylate	9.441	41	71851	22.713	ug/l		98
49) 1,4-Dioxane	9.465	88	13663	427.000	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.215	43	414901	107.747	ug/l		99
52) Toluene	10.392	92	229035	20.388	ug/l		98
53) t-1,3-Dichloropropene	10.605	75	119454	19.839	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	142317	20.141	ug/l		93
55) 1,1,2-Trichloroethane	10.788	97	72800	20.298	ug/l		96
56) Ethyl methacrylate	10.648	69	99167	19.993	ug/l		96
57) 1,3-Dichloropropane	10.934	76	131580	20.556	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	300993	115.815	ug/l		100
59) 2-Hexanone	10.971	43	298300	108.775	ug/l		98
60) Dibromochloromethane	11.129	129	81277	20.219	ug/l		96
61) 1,2-Dibromoethane	11.239	107	69602	20.405	ug/l		100
64) Tetrachloroethene	10.867	164	67041	19.889	ug/l		97
65) Chlorobenzene	11.660	112	242734	20.327	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.733	131	71572	19.379	ug/l		94
67) Ethyl Benzene	11.733	91	413754	20.414	ug/l		98
68) m/p-Xylenes	11.837	106	318989	41.395	ug/l		99
69) o-Xylene	12.166	106	146211	20.718	ug/l		93
70) Styrene	12.178	104	258657	20.895	ug/l		98
71) Bromoform	12.349	173	42328	20.841	ug/l	#	99
73) Isopropylbenzene	12.464	105	373868	20.438	ug/l		99
74) N-amyl acetate	12.269	43	127945	21.129	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	93888	21.803	ug/l		97
76) 1,2,3-Trichloropropane	12.763	75	67538m	20.240	ug/l		
77) Bromobenzene	12.745	156	88031	20.358	ug/l		99
78) n-propylbenzene	12.800	91	485607	20.808	ug/l		99
79) 2-Chlorotoluene	12.891	91	287956	20.694	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	314899	20.175	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	29039	20.468	ug/l		91
82) 4-Chlorotoluene	12.989	91	308279	20.716	ug/l		99
83) tert-Butylbenzene	13.202	119	264049	20.511	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	324543	20.815	ug/l		98
85) sec-Butylbenzene	13.379	105	405797	20.438	ug/l		99
86) p-Isopropyltoluene	13.495	119	339568	20.764	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	179301	20.279	ug/l		99
88) 1,4-Dichlorobenzene	13.580	146	173553	19.776	ug/l		94
89) n-Butylbenzene	13.818	91	329511	19.841	ug/l		98
90) Hexachloroethane	14.086	117	59831	19.102	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	163857	21.128	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	15377	20.711	ug/l		94
93) 1,2,4-Trichlorobenzene	15.123	180	92449	19.573	ug/l		95
94) Hexachlorobutadiene	15.226	225	42338	19.473	ug/l		97
95) Naphthalene	15.360	128	197799	18.520	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	83462	19.450	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032589.D
Acq On : 08 Dec 2025 12:39
Operator : SY/MD
Sample : VW1208SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 02:16:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
Data File : VW032589.D
Acq On : 08 Dec 2025 12:39
Operator : SY/MD
Sample : VW1208SBSD01
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 04:04:32 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW1208SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
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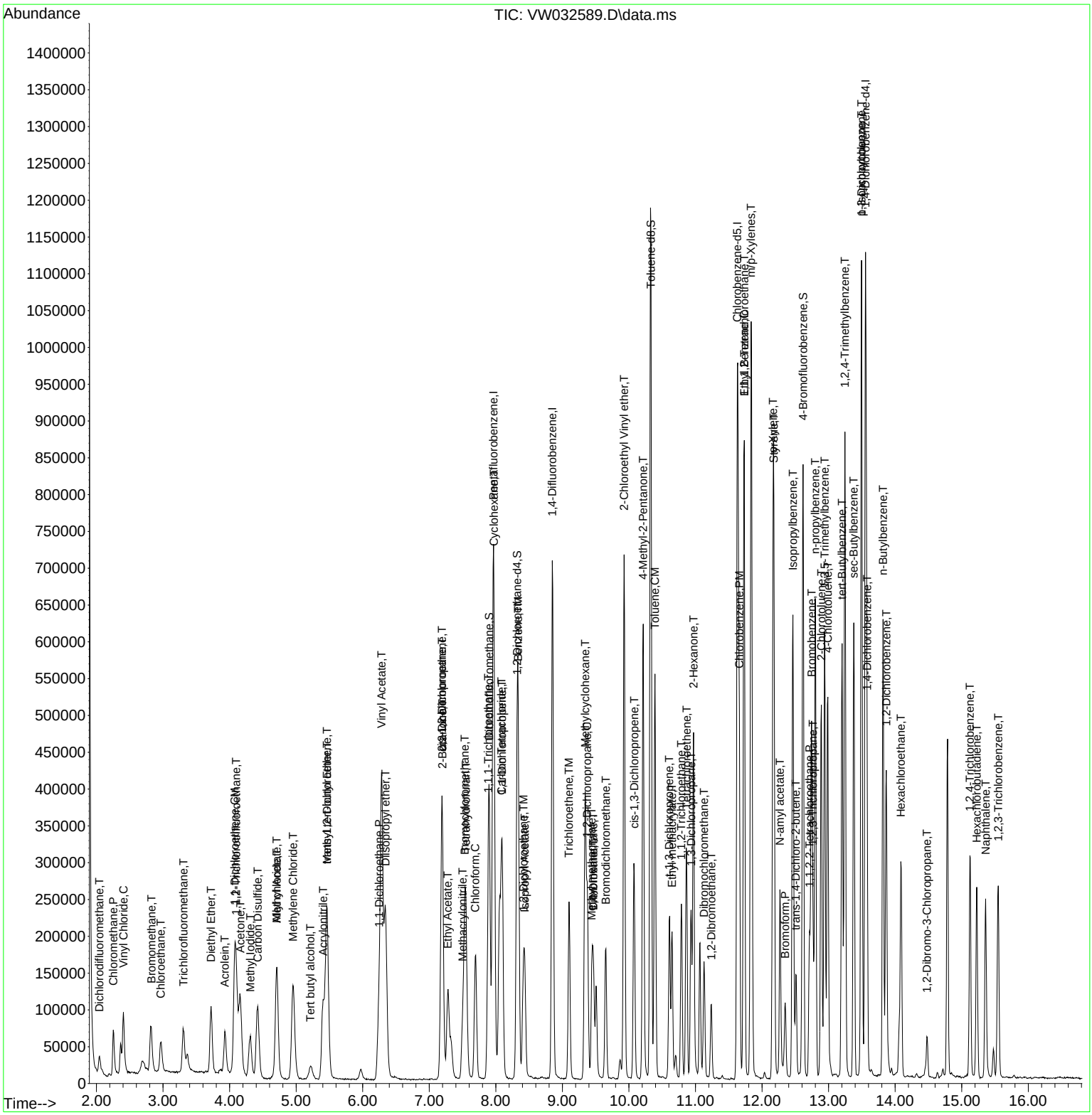

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN088344.D	1,1-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	1,4-Dichlorobenzene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	2-Hexanone	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	cis-1,2-Dichloroethene	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC001	VN088344.D	Diisopropyl ether	JOHN	11/25/2025 9:35:55 AM	MMDadoda	11/26/2025 1:51:48 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC005	VN088345.D	Vinyl Acetate	JOHN	11/25/2025 9:36:00 AM	MMDadoda	11/26/2025 1:51:51 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	N-amyl acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICC020	VN088346.D	Vinyl Acetate	JOHN	11/25/2025 9:36:04 AM	MMDadoda	11/26/2025 1:51:55 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software
VSTDICCC050	VN088347.D	Vinyl Acetate	JOHN	11/25/2025 9:36:10 AM	MMDadoda	11/26/2025 1:51:58 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN112425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN088348.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Allyl chloride	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC100	VN088348.D	Vinyl Acetate	JOHN	11/25/2025 9:36:15 AM	MMDadoda	11/26/2025 1:52:01 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Allyl chloride	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICC150	VN088349.D	Vinyl Acetate	JOHN	11/25/2025 9:36:20 AM	MMDadoda	11/26/2025 1:52:04 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	1,2,3-Trichloropropane	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	N-amyl acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software
VSTDICV050	VN088351.D	Vinyl Acetate	JOHN	11/25/2025 9:36:25 AM	MMDadoda	11/26/2025 1:52:07 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN120925	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088471.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:01:12 AM	MMDadoda	12/11/2025 11:45:12 AM	Peak Integrated by Software
VSTDCCC050	VN088471.D	N-amyl acetate	JOHN	12/10/2025 8:01:12 AM	MMDadoda	12/11/2025 11:45:12 AM	Peak Integrated by Software
VSTDCCC050	VN088471.D	Vinyl Acetate	JOHN	12/10/2025 8:01:12 AM	MMDadoda	12/11/2025 11:45:12 AM	Peak Integrated by Software
VN1209MBS01	VN088474.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:01:17 AM	MMDadoda	12/11/2025 11:45:16 AM	Peak Integrated by Software
VN1209MBS01	VN088474.D	N-amyl acetate	JOHN	12/10/2025 8:01:17 AM	MMDadoda	12/11/2025 11:45:16 AM	Peak Integrated by Software
VN1209MBS01	VN088474.D	Vinyl Acetate	JOHN	12/10/2025 8:01:17 AM	MMDadoda	12/11/2025 11:45:16 AM	Peak Integrated by Software
Q3784-03	VN088477.D	n-Butylbenzene	JOHN	12/10/2025 8:01:36 AM	MMDadoda	12/11/2025 11:45:56 AM	Peak Integrated by Software
Q3784-03	VN088477.D	Naphthalene	JOHN	12/10/2025 8:01:36 AM	MMDadoda	12/11/2025 11:45:56 AM	Peak Integrated by Software
VSTDCCC050	VN088485.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:02:01 AM	MMDadoda	12/11/2025 11:45:50 AM	Peak Integrated by Software
VSTDCCC050	VN088485.D	N-amyl acetate	JOHN	12/10/2025 8:02:01 AM	MMDadoda	12/11/2025 11:45:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW120325	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032563.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:11 AM	sam	12/4/2025 2:37:40 PM	Peak Integrated by Software
VSTDICC005	VW032563.D	Naphthalene	JOHN	12/4/2025 8:41:11 AM	sam	12/4/2025 2:37:40 PM	Peak Integrated by Software
VSTDICC010	VW032564.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:16 AM	sam	12/4/2025 2:37:46 PM	Peak Integrated by Software
VSTDICC010	VW032564.D	Naphthalene	JOHN	12/4/2025 8:41:16 AM	sam	12/4/2025 2:37:46 PM	Peak Integrated by Software
VSTDICC020	VW032565.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:20 AM	sam	12/4/2025 2:37:58 PM	Peak Integrated by Software
VSTDICC020	VW032565.D	Naphthalene	JOHN	12/4/2025 8:41:20 AM	sam	12/4/2025 2:37:58 PM	Peak Integrated by Software
VSTDICCC050	VW032566.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:25 AM	sam	12/4/2025 2:38:11 PM	Peak Integrated by Software
VSTDICC100	VW032567.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:30 AM	sam	12/4/2025 2:38:15 PM	Peak Integrated by Software
VSTDICC150	VW032568.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:38 AM	sam	12/4/2025 2:37:50 PM	Peak Integrated by Software
VSTDICV050	VW032570.D	1,2,3-Trichloropropane	JOHN	12/4/2025 8:41:45 AM	sam	12/4/2025 2:37:54 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VW120825	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032583.D	1,2,3-Trichloropropane	sam	12/9/2025 6:04:45 PM	MMDadoda	12/11/2025 10:03:28 AM	Peak Integrated by Software
VW1208SBS01	VW032585.D	1,2,3-Trichloropropane	sam	12/9/2025 6:04:50 PM	MMDadoda	12/11/2025 10:03:33 AM	Peak Integrated by Software
VW1208SBS01	VW032585.D	Acrolein	sam	12/9/2025 6:04:50 PM	MMDadoda	12/11/2025 10:03:33 AM	Peak Integrated by Software
VW1208SBSD01	VW032589.D	1,2,3-Trichloropropane	sam	12/9/2025 6:05:01 PM	MMDadoda	12/11/2025 10:03:40 AM	Peak Integrated by Software
VSTDCCC050	VW032603.D	1,2,3-Trichloropropane	sam	12/9/2025 6:05:09 PM	MMDadoda	12/11/2025 10:03:56 AM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM				
Supervise By	Mahesh Dadoda	Supervise On	11/26/2025 1:52:19 PM				
SubDirectory	VN112425	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M		

STD. NAME	STD REF.#
Tune/Reschk	VP136378
Initial Calibration Stds	VP136444,VP136445,VP136446,VP136447,VP136448,VP136449
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136450
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088343.D	24 Nov 2025 08:17	JC\MD	Ok
2	VSTDICC001	VN088344.D	24 Nov 2025 12:38	JC\MD	Ok,M
3	VSTDICC005	VN088345.D	24 Nov 2025 13:11	JC\MD	Ok,M
4	VSTDICC020	VN088346.D	24 Nov 2025 13:32	JC\MD	Ok,M
5	VSTDICCC050	VN088347.D	24 Nov 2025 13:53	JC\MD	Ok,M
6	VSTDICC100	VN088348.D	24 Nov 2025 14:14	JC\MD	Ok,M
7	VSTDICC150	VN088349.D	24 Nov 2025 14:35	JC\MD	Ok,M
8	IBLK	VN088350.D	24 Nov 2025 14:56	JC\MD	Ok
9	VSTDICV050	VN088351.D	24 Nov 2025 15:18	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120925

Review By	John Carlone	Review On	12/10/2025 8:05:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2025 11:46:02 AM		
SubDirectory	VN120925	HP Acquire Method		HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136586
Initial Calibration Stds	
CCC	VP136587,VP136588
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088470.D	09 Dec 2025 10:07	JC\MD	Ok
2	VSTDCCC050	VN088471.D	09 Dec 2025 10:47	JC\MD	Ok,M
3	VN1209MBL01	VN088472.D	09 Dec 2025 11:21	JC\MD	Ok
4	VN1209WBL01	VN088473.D	09 Dec 2025 11:42	JC\MD	Ok
5	VN1209MBS01	VN088474.D	09 Dec 2025 12:51	JC\MD	Ok,M
6	VN1209MBSD01	VN088475.D	09 Dec 2025 13:25	JC\MD	Ok,M
7	Q3770-01	VN088476.D	09 Dec 2025 13:45	JC\MD	Dilution
8	Q3784-03	VN088477.D	09 Dec 2025 14:05	JC\MD	Ok,M
9	Q3809-01	VN088478.D	09 Dec 2025 14:26	JC\MD	Ok,M
10	VN1209WBS01	VN088479.D	09 Dec 2025 15:22	JC\MD	Not Ok
11	Q3795-04	VN088480.D	09 Dec 2025 15:42	JC\MD	Ok
12	Q3795-08	VN088481.D	09 Dec 2025 16:02	JC\MD	Ok
13	PB170858TB	VN088482.D	09 Dec 2025 16:23	JC\MD	Ok,M
14	VN1209WBS02	VN088483.D	09 Dec 2025 16:43	JC\MD	Ok,M
15	VN1209WBSD02	VN088484.D	09 Dec 2025 17:03	JC\MD	Not Ok
16	VSTDCCC050	VN088485.D	09 Dec 2025 17:23	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120325

Review By	John Carlone	Review On	12/4/2025 8:41:58 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 2:38:27 PM				
SubDirectory	VW120325	HP Acquire Method	MSVOA_W		HP Processing Method	82W120325S.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136481
Initial Calibration Stds	VP136482,VP136483,VP136484,VP136485,VP136486,VP136487
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136488
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032560.D	03 Dec 2025 09:27	SY/MD	Ok
2	VSTDCCC050	VW032561.D	03 Dec 2025 09:58	SY/MD	Not Ok
3	VIBLK	VW032562.D	03 Dec 2025 10:45	SY/MD	Not Ok
4	VSTDICC005	VW032563.D	03 Dec 2025 11:32	SY/MD	Ok,M
5	VSTDICC010	VW032564.D	03 Dec 2025 11:53	SY/MD	Ok,M
6	VSTDICC020	VW032565.D	03 Dec 2025 12:15	SY/MD	Ok,M
7	VSTDICCC050	VW032566.D	03 Dec 2025 12:37	SY/MD	Ok,M
8	VSTDICC100	VW032567.D	03 Dec 2025 12:58	SY/MD	Ok,M
9	VSTDICC150	VW032568.D	03 Dec 2025 13:20	SY/MD	Ok,M
10	VIBLK	VW032569.D	03 Dec 2025 13:42	SY/MD	Not Ok
11	VSTDICV050	VW032570.D	03 Dec 2025 14:07	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120825

Review By	John Carlone	Review On	12/9/2025 1:30:03 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	12/9/2025 6:10:17 PM				
SubDirectory	VW120825	HP Acquire Method	MSVOA_W		HP Processing Method	82W120325S.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136572
Initial Calibration Stds	
CCC	VP136573,VP136574
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032582.D	08 Dec 2025 08:11	SY/MD	Ok
2	VSTDCCC050	VW032583.D	08 Dec 2025 09:40	SY/MD	Ok,M
3	VW1208SBL01	VW032584.D	08 Dec 2025 10:18	SY/MD	Ok
4	VW1208SBS01	VW032585.D	08 Dec 2025 11:01	SY/MD	Ok,M
5	VW1208SBS02	VW032586.D	08 Dec 2025 11:22	SY/MD	Not Ok
6	Q3784-04	VW032587.D	08 Dec 2025 11:56	SY/MD	Ok
7	Q3801-03	VW032588.D	08 Dec 2025 12:18	SY/MD	Ok
8	VW1208SBSD01	VW032589.D	08 Dec 2025 12:39	SY/MD	Ok,M
9	Q3801-08	VW032590.D	08 Dec 2025 13:01	SY/MD	Ok
10	Q3806-06	VW032591.D	08 Dec 2025 13:22	SY/MD	Ok
11	Q3790-03	VW032592.D	08 Dec 2025 13:44	SY/MD	Ok
12	Q3795-03	VW032593.D	08 Dec 2025 14:05	SY/MD	Ok
13	Q3795-07	VW032594.D	08 Dec 2025 14:27	SY/MD	ReRun
14	Q3806-03	VW032595.D	08 Dec 2025 14:49	SY/MD	Ok
15	VIBLK	VW032596.D	08 Dec 2025 15:10	SY/MD	Not Ok
16	Q3804-02	VW032597.D	08 Dec 2025 15:32	SY/MD	ReRun
17	VIBLK	VW032598.D	08 Dec 2025 15:53	SY/MD	Ok
18	Q3809-02	VW032599.D	08 Dec 2025 16:15	SY/MD	Ok
19	Q3809-03	VW032600.D	08 Dec 2025 16:36	SY/MD	Ok,M
20	Q3809-04	VW032601.D	08 Dec 2025 16:58	SY/MD	Ok,M
21	Q3809-05	VW032602.D	08 Dec 2025 17:19	SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120825

Review By	John Carlone	Review On	12/9/2025 1:30:03 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	12/9/2025 6:10:17 PM				
SubDirectory	VW120825	HP Acquire Method	MSVOA_W	HP Processing Method	82W120325S.M		

STD. NAME	STD REF.#
Tune/Reschk	VP136572
Initial Calibration Stds	
CCC	VP136573,VP136574
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VW032603.D	08 Dec 2025 17:41	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN112425

Review By	John Carlone	Review On	11/25/2025 9:36:43 AM		
Supervise By	Mahesh Dadoda	Supervise On	11/26/2025 1:52:19 PM		
SubDirectory	VN112425	HP Acquire Method	MSVOA_N	HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136378
Initial Calibration Stds	VP136444,VP136445,VP136446,VP136447,VP136448,VP136449
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136450
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN088343.D	24 Nov 2025 08:17		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN088344.D	24 Nov 2025 12:38		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN088345.D	24 Nov 2025 13:11	COM.#74 Peak not detected in 1 and 5 PPB	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN088346.D	24 Nov 2025 13:32		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN088347.D	24 Nov 2025 13:53	Method failed for Comp. #74	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN088348.D	24 Nov 2025 14:14		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN088349.D	24 Nov 2025 14:35		JC\MD	Ok,M
8	IBLK	IBLK	VN088350.D	24 Nov 2025 14:56		JC\MD	Ok
9	VSTDICV050	ICVVN112425	VN088351.D	24 Nov 2025 15:18		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN120925

Review By	John Carlone	Review On	12/10/2025 8:05:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/11/2025 11:46:02 AM		
SubDirectory	VN120925	HP Acquire Method		HP Processing Method	82N112425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136586
Initial Calibration Stds	
CCC	VP136587,VP136588
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	VN088470.D	09 Dec 2025 10:07		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088471.D	09 Dec 2025 10:47	pH#Lot#V12668	JC\MD	Ok,M
3	VN1209MBL01	VN1209MBL01	VN088472.D	09 Dec 2025 11:21		JC\MD	Ok
4	VN1209WBL01	VN1209WBL01	VN088473.D	09 Dec 2025 11:42		JC\MD	Ok
5	VN1209MBS01	VN1209MBS01	VN088474.D	09 Dec 2025 12:51		JC\MD	Ok,M
6	VN1209MBSD01	VN1209MBSD01	VN088475.D	09 Dec 2025 13:25		JC\MD	Ok,M
7	Q3770-01	4207	VN088476.D	09 Dec 2025 13:45	Need 50X	JC\MD	Dilution
8	Q3784-03	SB3A	VN088477.D	09 Dec 2025 14:05		JC\MD	Ok,M
9	Q3809-01	SW-1	VN088478.D	09 Dec 2025 14:26		JC\MD	Ok,M
10	VN1209WBS01	VN1209WBS01	VN088479.D	09 Dec 2025 15:22	Surrogate fail	JC\MD	Not Ok
11	Q3795-04	72-11966	VN088480.D	09 Dec 2025 15:42	vial A pH#5.0	JC\MD	Ok
12	Q3795-08	RBR-200059	VN088481.D	09 Dec 2025 16:02	vial A pH#5.0	JC\MD	Ok
13	PB170858TB	PB170858TB	VN088482.D	09 Dec 2025 16:23		JC\MD	Ok,M
14	VN1209WBS02	VN1209WBS02	VN088483.D	09 Dec 2025 16:43		JC\MD	Ok,M
15	VN1209WBSD02	VN1209WBSD02	VN088484.D	09 Dec 2025 17:03		JC\MD	Not Ok
16	VSTDCCC050	VSTDCCC050EC	VN088485.D	09 Dec 2025 17:23		JC\MD	Ok,M

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120325

Review By	John Carlone	Review On	12/4/2025 8:41:58 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/4/2025 2:38:27 PM		
SubDirectory	VW120325	HP Acquire Method	MSVOA_W	HP Processing Method	82W120325S.M

STD. NAME	STD REF.#
Tune/Reschk	VP136481
Initial Calibration Stds	VP136482,VP136483,VP136484,VP136485,VP136486,VP136487
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136488
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032560.D	03 Dec 2025 09:27		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032561.D	03 Dec 2025 09:58	Need ICAL	SY/MD	Not Ok
3	VIBLK	VIBLK	VW032562.D	03 Dec 2025 10:45		SY/MD	Not Ok
4	VSTDICC005	VSTDICC005	VW032563.D	03 Dec 2025 11:32		SY/MD	Ok,M
5	VSTDICC010	VSTDICC010	VW032564.D	03 Dec 2025 11:53		SY/MD	Ok,M
6	VSTDICC020	VSTDICC020	VW032565.D	03 Dec 2025 12:15		SY/MD	Ok,M
7	VSTDICCC050	VSTDICCC050	VW032566.D	03 Dec 2025 12:37		SY/MD	Ok,M
8	VSTDICC100	VSTDICC100	VW032567.D	03 Dec 2025 12:58		SY/MD	Ok,M
9	VSTDICC150	VSTDICC150	VW032568.D	03 Dec 2025 13:20		SY/MD	Ok,M
10	VIBLK	VIBLK	VW032569.D	03 Dec 2025 13:42		SY/MD	Not Ok
11	VSTDICV050	ICVVW120325	VW032570.D	03 Dec 2025 14:07		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120825

Review By	John Carlone	Review On	12/9/2025 1:30:03 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/9/2025 6:10:17 PM		
SubDirectory	VW120825	HP Acquire Method	MSVOA_W	HP Processing Method	82W120325S.M

STD. NAME	STD REF.#
Tune/Reschk	VP136572
Initial Calibration Stds	
CCC	VP136573,VP136574
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032582.D	08 Dec 2025 08:11		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032583.D	08 Dec 2025 09:40		SY/MD	Ok,M
3	VW1208SBL01	VW1208SBL01	VW032584.D	08 Dec 2025 10:18		SY/MD	Ok
4	VW1208SBS01	VW1208SBS01	VW032585.D	08 Dec 2025 11:01		SY/MD	Ok,M
5	VW1208SBS02	VW1208SBS02	VW032586.D	08 Dec 2025 11:22	Surrogate fail;Not Required	SY/MD	Not Ok
6	Q3784-04	SB4A	VW032587.D	08 Dec 2025 11:56	vial B	SY/MD	Ok
7	Q3801-03	SOIL-1-VOC	VW032588.D	08 Dec 2025 12:18	vial A	SY/MD	Ok
8	VW1208SBSD01	VW1208SBSD01	VW032589.D	08 Dec 2025 12:39		SY/MD	Ok,M
9	Q3801-08	SOIL#2-VOC	VW032590.D	08 Dec 2025 13:01	vial A	SY/MD	Ok
10	Q3806-06	TR-05-12-5-2025	VW032591.D	08 Dec 2025 13:22	vial A	SY/MD	Ok
11	Q3790-03	304 FURMAN SOIL	VW032592.D	08 Dec 2025 13:44	Internal standard fail;Surrogate fail,vial A	SY/MD	Ok
12	Q3795-03	72-11966-VOC	VW032593.D	08 Dec 2025 14:05	Surrogate fail,vial A	SY/MD	Ok
13	Q3795-07	RBR-200059-VOC	VW032594.D	08 Dec 2025 14:27	Internal Standard Fail,vial A	SY/MD	ReRun
14	Q3806-03	TR-01-12-5-2025	VW032595.D	08 Dec 2025 14:49	vial A	SY/MD	Ok
15	VIBLK	VIBLK	VW032596.D	08 Dec 2025 15:10		SY/MD	Not Ok
16	Q3804-02	120325-A	VW032597.D	08 Dec 2025 15:32	Surrogate fail,vial A	SY/MD	ReRun
17	VIBLK	VIBLK	VW032598.D	08 Dec 2025 15:53		SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW120825

Review By	John Carlone	Review On	12/9/2025 1:30:03 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/9/2025 6:10:17 PM		
SubDirectory	VW120825	HP Acquire Method	MSVOA_W	HP Processing Method	82W120325S.M

STD. NAME	STD REF.#
Tune/Reschk	VP136572
Initial Calibration Stds	
CCC	VP136573,VP136574
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3809-02	SW-2	VW032599.D	08 Dec 2025 16:15	Internal Standard Fail,vial A	SY/MD	Ok
19	Q3809-03	B-1	VW032600.D	08 Dec 2025 16:36	vial A	SY/MD	Ok,M
20	Q3809-04	SW-3	VW032601.D	08 Dec 2025 16:58	vial A	SY/MD	Ok,M
21	Q3809-05	SW-4	VW032602.D	08 Dec 2025 17:19	vial A	SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VW032603.D	08 Dec 2025 17:41		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3784	**OrderDate:**	12/4/2025 2:32:00 PM
Client:	G Environmental	**Project:**	Lexington
Contact:	Gary Landis	**Location:**	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3784-03	**SB3A**	**SOIL**			**12/04/25**			**12/04/25**
			VOCMS Group1	8260D			12/09/25	
Q3784-04	**SB4A**	**SOIL**			**12/04/25**			**12/04/25**
			VOCMS Group1	8260D			12/08/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3784
COC Number 2044557

6

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G ENVIRONMENTAL
ADDRESS: 8 CARRIAGE
CITY: SUCCASUNNA STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: LEXINGTON
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GV
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) X NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other NJDEP SRP Excel pdf
X EDD FORMAT NJDEP SRP EXCEL

ANALYSIS

1: TCL VOCs + TBA
2
3.
4
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6
7
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2 (Terra Core Kits)	3	4	5	6	7	8	9
1.	SB3A	Soil		X	12/4/25	1150	4		X							
2.	SB4A	Soil		X	12/4/25	1250	4		X							
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/4/25 1410	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.4 °C
Comments: Soil LEXINGTON

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3784 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 12/4/2025 2:32:00 PM
Project Name : Lexington
Receive DateTime : 12/4/2025 2:10:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ MT Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3784-03	SB3A	Solid	12/04/2025	11:50	VOCMS Group1 ~~VOC-TCLVOA-10~~		8260D	10 Bus. Days	
Q3784-04	SB4A	Solid	12/04/2025	12:50	VOCMS Group1 ~~VOC-TCLVOA-10~~		8260D	10 Bus. Days	

Relinguished By : [signature]
Date / Time : 12/4/25 14:55

Received By : Sam
Date / Time : 12/04/25 14:55

Storage Area : VOA Refridgerator Room

RJ#8 FZ2