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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : LAUREL

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2401

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2401

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group

Client : G Environmental

Project Location : NJ

Project Number :

Laboratory Sample ID(s) : Q2401

Sampling Date(s) : 06/23/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260-Low**

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 : Q2401

Project ID : Laurel

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2401-01	MW2

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 2:30 pm, Jul 07, 2025

Date: 7/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Laurel
Project # N/A
Order ID # Q2401
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/23/2025.

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 of VOCMS Group1 was based on method 8260D.

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

The RPD for {VN0627WBSD01} with File ID: VN087211.D met criteria except for 1,1,1-Trichloroethane[23%], 1,2-Dichloropropane[25%], Acetone[24%], Benzene[24%], Carbon disulfide[25%], Chloroethane[22%] and Methylene Chloride[21%] due to difference in BS and BSD concentrations.

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82N062625W.M) for Acetone, Carbon Disulfide, Methylene Chloride, passing on Linear regression while 4-Methyl-2-Pentanone is passing on Quadtratic Regression.

The Continuous Calibration File ID VN087207.D met the requirements except for cis-1,3-Dichloropropene . Failing marginally low therefore no corrective action was taken.

The Tuning criteria met requirements.

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E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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

Signature 

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2401

	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: MOHAMMAD AHMED **Date:** 07/04/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2401

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q2401-01	MW2	Water	Benzene		0.84	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	Toluene		0.98	J	0.14	1.00	ug/L
Q2401-01	MW2	Water	Ethyl Benzene		1.20		0.13	1.00	ug/L
Q2401-01	MW2	Water	m/p-Xylenes		1.60	J	0.24	2.00	ug/L
Q2401-01	MW2	Water	o-Xylene		1.40		0.12	1.00	ug/L
			Total Voc :		6.02				
Q2401-01	MW2	Water	Naphthalene, 2-methyl-	*	17.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1,2,4,5-tetramethyl-	*	35.0	J	0	0	ug/L
Q2401-01	MW2	Water	Pentane, 3-methyl-	*	25.0	J	0	0	ug/L
Q2401-01	MW2	Water	Cyclopentane, methyl-	*	20.2	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1,4-diethyl-	*	22.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-methyl-3-(1-methyl	*	18.4	J	0	0	ug/L
Q2401-01	MW2	Water	Pentane, 2,3-dimethyl-	*	14.9	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	43.2	J	0	0	ug/L
Q2401-01	MW2	Water	Indan, 1-methyl-	*	34.5	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, (1,2-dimethyl-1-prop(	*	23.2	J	0	0	ug/L
Q2401-01	MW2	Water	1H-Indene, 2,3-dihydro-4-meth	*	22.6	J	0	0	ug/L
Q2401-01	MW2	Water	1H-Indene, 2,3-dihydro-5-meth	*	50.8	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	17.7	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	52.0	J	0	0	ug/L
Q2401-01	MW2	Water	Benzene, 1-methyl-4-(1-methyl	*	16.6	J	0	0	ug/L
Q2401-01	MW2	Water	Cyclohexane	*	9.20	J	1.50	5.00	ug/L
Q2401-01	MW2	Water	Methylcyclohexane	*	6.90	J	0.16	1.00	ug/L
Q2401-01	MW2	Water	Isopropylbenzene	*	8.70	J	0.12	1.00	ug/L
Q2401-01	MW2	Water	n-propylbenzene	*	30.2	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	1,3,5-Trimethylbenzene	*	30.8	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	1,2,4-Trimethylbenzene	*	120	J	0.14	1.00	ug/L
Q2401-01	MW2	Water	sec-Butylbenzene	*	3.80	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	p-Isopropyltoluene	*	1.50	J	0.13	1.00	ug/L
Q2401-01	MW2	Water	n-Butylbenzene	*	5.70	J	0.15	1.00	ug/L
Q2401-01	MW2	Water	Naphthalene	*	2.50	J	0.20	1.00	ug/L
			Total Tics :		632				
			Total Concentration:		638				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	06/23/25
Project:	Laurel	Date Received:	06/23/25
Client Sample ID:	MW2	SDG No.:	Q2401
Lab Sample ID:	Q2401-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.84	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.98	J	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	06/23/25	
Project:	Laurel		Date Received:	06/23/25	
Client Sample ID:	MW2		SDG No.:	Q2401	
Lab Sample ID:	Q2401-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.20		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	1.60	J	0.24	2.00	ug/L
95-47-6	o-Xylene	1.40		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		70 (74) - 130 (125)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	43.0		70 (75) - 130 (124)	86%	SPK: 50
2037-26-5	Toluene-d8	44.0		70 (86) - 130 (113)	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		70 (77) - 130 (121)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	8.23			
540-36-3	1,4-Difluorobenzene	317000	9.106			
3114-55-4	Chlorobenzene-d5	254000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
000096-14-0	Pentane, 3-methyl-	25.0	J		5.84	ug/L
000096-37-7	Cyclopentane, methyl-	20.2	J		7.34	ug/L
110-82-7	Cyclohexane	9.20	J		8.26	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.9	J		8.34	ug/L
108-87-2	Methylcyclohexane	6.90	J		9.60	ug/L
98-82-8	Isopropylbenzene	8.70	J		12.7	ug/L
103-65-1	n-propylbenzene	30.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	30.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	43.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	120	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.80	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.50	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	22.0	J		13.9	ug/L
104-51-8	n-Butylbenzene	5.70	J		14.1	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	06/23/25
Project:	Laurel	Date Received:	06/23/25
Client Sample ID:	MW2	SDG No.:	Q2401
Lab Sample ID:	Q2401-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	17.7	J		14.2	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	52.0	J		14.3	ug/L
000767-58-8	Indan, 1-methyl-	34.5	J		14.4	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	35.0	J		14.6	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	18.4	J		14.7	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	22.6	J		14.9	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	50.8	J		15.0	ug/L
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	23.2	J		15.3	ug/L
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-pr	16.6	J		15.4	ug/L
91-20-3	Naphthalene	2.50	J		15.6	ug/L
000091-57-6	Naphthalene, 2-methyl-	17.0	J		16.8	ug/L

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.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2401-01	MW2	1,2-Dichloroethane-d4	50	59.7	119	70 (74)	130 (125)
		Dibromofluoromethane	50	43.0	86	70 (75)	130 (124)
		Toluene-d8	50	44.0	88	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87	70 (77)	130 (121)
VN0627WBL01	VN0627WBL01	1,2-Dichloroethane-d4	50	56.5	113	70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97	70 (75)	130 (124)
		Toluene-d8	50	45.1	90	70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.7	85	70 (77)	130 (121)
VN0627WBS01	VN0627WBS01	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	48.5	97	70 (75)	130 (124)
		Toluene-d8	50	48.4	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102	70 (77)	130 (121)
VN0627WBSD0	VN0627WBSD01	1,2-Dichloroethane-d4	50	49.1	98	70 (74)	130 (125)
		Dibromofluoromethane	50	56.8	114	70 (75)	130 (124)
		Toluene-d8	50	48.0	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087210.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0627WBS01	Chloromethane	20	19.3	ug/L	97			40 (65)	160 (116)	
	Vinyl chloride	20	19.4	ug/L	97			70 (65)	130 (117)	
	Bromomethane	20	17.7	ug/L	89			40 (58)	160 (125)	
	Chloroethane	20	16.6	ug/L	83			40 (56)	160 (128)	
	Tert butyl alcohol	100	90.8	ug/L	91			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	86.0	ug/L	86			40 (60)	160 (125)	
	Carbon disulfide	20	16.1	ug/L	81			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.7	ug/L	94			70 (78)	130 (114)	
	Methylene Chloride	20	17.8	ug/L	89			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.1	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.2	ug/L	86			70 (78)	130 (112)	
	2-Butanone	100	90.9	ug/L	91			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.4	ug/L	107			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.1	ug/L	86			70 (77)	130 (110)	
	Chloroform	20	18.1	ug/L	91			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	16.2	ug/L	81			70 (80)	130 (108)	
	Benzene	20	21.9	ug/L	110			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.8	ug/L	109			70 (80)	130 (115)	
	Trichloroethene	20	21.5	ug/L	108			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.8	ug/L	104			70 (83)	130 (111)	
	Bromodichloromethane	20	19.4	ug/L	97			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	93.2	ug/L	93			40 (74)	160 (118)	
	Toluene	20	18.5	ug/L	93			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.2	ug/L	96			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.2	ug/L	91			70 (83)	130 (112)	
	2-Hexanone	100	77.0	ug/L	77			40 (73)	160 (117)	
	Dibromochloromethane	20	17.3	ug/L	86			70 (82)	130 (110)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	18.8	ug/L	94			70 (83)	130 (109)	
	m/p-Xylenes	40	38.4	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	20.0	ug/L	100			70 (83)	130 (109)	
	Styrene	20	19.8	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.6	ug/L	98			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/L	95			70 (76)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2401

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN087211.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0627WBSD01	Chloromethane	20	22.1	ug/L	111	13		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.0	ug/L	95	2		70 (65)	130 (117)	20 (19)
	Bromomethane	20	21.4	ug/L	107	18		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.5	ug/L	103	22	*	40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	110	ug/L	110	19		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	20.6	ug/L	103	11		70 (74)	130 (110)	20 (20)
	Acetone	100	110	ug/L	110	24	*	40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	20.9	ug/L	104	25	*	40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	22.5	ug/L	113	18		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	21.9	ug/L	110	21	*	70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	20.4	ug/L	102	11		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	20.7	ug/L	104	19		70 (78)	130 (112)	20 (20)
	2-Butanone	100	110	ug/L	110	19		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.4	ug/L	92	15		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.1	ug/L	96	11		70 (77)	130 (110)	20 (20)
	Chloroform	20	21.7	ug/L	109	18		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.4	ug/L	102	23	*	70 (80)	130 (108)	20 (20)
	Benzene	20	17.1	ug/L	86	24	*	70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.9	ug/L	95	14		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.8	ug/L	89	19		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	16.3	ug/L	81	25	*	70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	17.8	ug/L	89	9		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	81.5	ug/L	82	13		40 (74)	160 (118)	20 (25)
	Toluene	20	18.6	ug/L	93	0		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	22.1	ug/L	111	14		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	17.5	ug/L	88	10		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	21.9	ug/L	110	19		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	91.6	ug/L	92	18		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.4	ug/L	97	12		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.9	ug/L	100	5		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	18.2	ug/L	91	4		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	18.5	ug/L	93	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	37.9	ug/L	95	1		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.4	ug/L	102	2		70 (83)	130 (109)	20 (20)
	Styrene	20	20.2	ug/L	101	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.9	ug/L	95	3		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	1		70 (76)	130 (118)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0627WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087209.D Lab Sample ID: VN0627WBL01

Date Analyzed: 06/27/2025 Time Analyzed: 10:33

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
VN0627WBS01	VN0627WBS01	VN087210.D	06/27/2025
VN0627WBSD01	VN0627WBSD01	VN087211.D	06/27/2025
MW2	Q2401-01	VN087213.D	06/27/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087197.D BFB Injection Date: 06/26/2025

Instrument ID: MSVOA_N BFB Injection Time: 16:13

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	18.5
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	70.6
175	5.0 - 9.0% of mass 174	5.2 (7.4) 1
176	95.0 - 101.0% of mass 174	67.7 (95.9) 1
177	5.0 - 9.0% of mass 176	4.4 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087198.D	06/26/2025	16:34
VSTDICC005	VSTDICC005	VN087199.D	06/26/2025	17:15
VSTDICC020	VSTDICC020	VN087200.D	06/26/2025	17:36
VSTDICCC050	VSTDICCC050	VN087201.D	06/26/2025	17:57
VSTDICC100	VSTDICC100	VN087202.D	06/26/2025	18:18
VSTDICC150	VSTDICC150	VN087203.D	06/26/2025	18:39

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087206.D BFB Injection Date: 06/27/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:09

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	17.9
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	71
175	5.0 - 9.0% of mass 174	5.3 (7.4) 1
176	95.0 - 101.0% of mass 174	68.1 (95.9) 1
177	5.0 - 9.0% of mass 176	4.2 (6.1) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087207.D	06/27/2025	09:38
VN0627WBL01	VN0627WBL01	VN087209.D	06/27/2025	10:33
VN0627WBS01	VN0627WBS01	VN087210.D	06/27/2025	10:53
VN0627WBSD01	VN0627WBSD01	VN087211.D	06/27/2025	11:27
MW2	Q2401-01	VN087213.D	06/27/2025	12:08

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087207.D Date Analyzed: 06/27/2025

Instrument ID: MSVOA_N Time Analyzed: 09:38

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	196333	8.23	346797	9.11	266770	11.87
UPPER LIMIT	392666	8.73	693594	9.606	533540	12.365
LOWER LIMIT	98166.5	7.73	173399	8.606	133385	11.365
EPA SAMPLE NO.						
MW2	141577	8.23	317471	9.11	253799	11.87
VN0627WBL01	196165	8.23	398772	9.10	333801	11.87
VN0627WBS01	176379	8.23	277531	9.11	254005	11.87
VN0627WBSD01	143301	8.23	249904	9.11	238840	11.87

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG NO.: Q2401

Lab File ID: VN087207.D Date Analyzed: 06/27/2025

Instrument ID: MSVOA_N Time Analyzed: 09:38

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

	IS4 AREA #	RT #				
12 HOUR STD	145043	13.788				
UPPER LIMIT	290086	14.288				
LOWER LIMIT	72521.5	13.288				
EPA SAMPLE NO.						
MW2	122086	13.79				
VN0627WBL01	147923	13.79				
VN0627WBS01	127421	13.79				
VN0627WBSD01	118817	13.79				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Laurel	Date Received:	
Client Sample ID:	VN0627WBL01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087209.D	1		06/27/25 10:33	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Laurel	Date Received:	
Client Sample ID:	VN0627WBL01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087209.D	1		06/27/25 10:33	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.5		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	45.1		70 (86) - 130 (113)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		70 (77) - 130 (121)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	196000	8.23			
540-36-3	1,4-Difluorobenzene	399000	9.1			
3114-55-4	Chlorobenzene-d5	334000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.788			

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:	Laurel	Date Received:	
Client Sample ID:	VN0627WBS01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087210.D	1		06/27/25 10:53	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.4		0.26	1.00	ug/L
74-83-9	Bromomethane	17.7		1.40	5.00	ug/L
75-00-3	Chloroethane	16.6		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	90.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	86.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.1		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.2		0.23	1.00	ug/L
78-93-3	2-Butanone	90.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.1		0.19	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	16.2		0.20	1.00	ug/L
71-43-2	Benzene	21.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	21.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.2		0.68	5.00	ug/L
108-88-3	Toluene	18.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	77.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	17.3		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Laurel	Date Received:	
Client Sample ID:	VN0627WBS01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087210.D	1		06/27/25 10:53	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.4		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	19.6		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.9		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	48.4		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	176000	8.23			
540-36-3	1,4-Difluorobenzene	278000	9.106			
3114-55-4	Chlorobenzene-d5	254000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.788			

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:	Laurel		Date Received:		
Client Sample ID:	VN0627WBSD01		SDG No.:	Q2401	
Lab Sample ID:	VN0627WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087211.D	1		06/27/25 11:27	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	22.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	21.4		1.40	5.00	ug/L
75-00-3	Chloroethane	20.5		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	20.6		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	20.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	21.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.1		0.19	1.00	ug/L
67-66-3	Chloroform	21.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.20	1.00	ug/L
71-43-2	Benzene	17.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	16.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	17.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.5		0.68	5.00	ug/L
108-88-3	Toluene	18.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	22.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	91.6		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.4		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.9		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Laurel	Date Received:	
Client Sample ID:	VN0627WBSD01	SDG No.:	Q2401
Lab Sample ID:	VN0627WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087211.D	1		06/27/25 11:27	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	18.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.9		0.24	2.00	ug/L
95-47-6	o-Xylene	20.4		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	18.9		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	56.8		70 (75) - 130 (124)	114%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	8.23			
540-36-3	1,4-Difluorobenzene	250000	9.106			
3114-55-4	Chlorobenzene-d5	239000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	119000	13.788			

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

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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Calibration Time(s): 16:34 18:39

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

LAB FILE ID: RRF001 = VN087198.D RRF005 = VN087199.D RRF020 = VN087200.D
RRF050 = VN087201.D RRF100 = VN087202.D RRF150 = VN087203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.536	0.741	0.619	0.594	0.589	0.592	0.612	11.2
Vinyl Chloride	0.583	0.746	0.677	0.641	0.646	0.673	0.661	8.1
Bromomethane		0.405	0.369	0.314	0.316	0.369	0.355	11
Chloroethane	0.316	0.428	0.356	0.341	0.312	0.319	0.345	12.8
Tert butyl alcohol		0.186	0.167	0.161	0.132	0.146	0.159	13.1
1,1-Dichloroethene	0.419	0.766	0.647	0.601	0.538	0.548	0.587	19.9
Acetone	0.229	0.468	0.396	0.357	0.328	0.319	0.350	22.9
Carbon Disulfide	1.197	2.327	2.019	1.794	1.593	1.587	1.753	22.3
Methyl tert-butyl Ether	1.321	2.476	2.247	2.087	1.949	2.043	2.020	19.3
Methylene Chloride	0.520	0.904	0.754	0.671	0.554	0.632	0.673	20.9
trans-1,2-Dichloroethene	0.486	0.831	0.720	0.648	0.594	0.624	0.651	18
1,1-Dichloroethane	1.019	1.469	1.337	1.229	1.196	1.151	1.234	12.6
2-Butanone	0.489	0.469	0.629	0.585	0.566	0.535	0.546	11
Carbon Tetrachloride	0.404	0.405	0.560	0.482	0.456	0.459	0.461	12.5
cis-1,2-Dichloroethene	0.692	0.714	0.845	0.776	0.762	0.748	0.756	7
Chloroform	1.107	1.146	1.318	1.183	1.135	1.093	1.164	7.1
1,1,1-Trichloroethane	1.005	1.005	1.071	1.001	0.977	0.940	1.000	4.3
Benzene	1.393	1.205	1.710	1.512	1.485	1.474	1.463	11.3
1,2-Dichloroethane	0.468	0.445	0.503	0.502	0.471	0.466	0.476	4.8
Trichloroethene	0.311	0.359	0.425	0.348	0.334	0.325	0.350	11.5
1,2-Dichloropropane	0.319	0.390	0.479	0.373	0.354	0.348	0.377	14.7
Bromodichloromethane	0.458	0.537	0.657	0.493	0.500	0.434	0.513	15.4
4-Methyl-2-Pentanone	0.359	0.536	0.733	0.612	0.572	0.550	0.561	21.7
Toluene	0.758	0.899	1.179	0.964	0.922	0.891	0.935	14.7
t-1,3-Dichloropropene	0.436	0.557	0.714	0.593	0.570	0.564	0.572	15.5
cis-1,3-Dichloropropene	0.494	0.597	0.772	0.618	0.606	0.567	0.609	15.1
1,1,2-Trichloroethane	0.297	0.349	0.450	0.360	0.341	0.326	0.354	14.7
2-Hexanone	0.316	0.384	0.433	0.404	0.395	0.392	0.387	10
Dibromochloromethane	0.316	0.377	0.477	0.391	0.377	0.370	0.385	13.5
Tetrachloroethene	0.284	0.316	0.316	0.309	0.315	0.296	0.306	4.3

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Calibration Time(s): 16:34 18:39

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

LAB FILE ID: RRF001 = VN087198.D RRF005 = VN087199.D RRF020 = VN087200.D
RRF050 = VN087201.D RRF100 = VN087202.D RRF150 = VN087203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	1.057	1.148	1.156	1.111	1.098	1.085	1.109	3.4
Ethyl Benzene	1.577	1.825	1.933	1.939	1.916	1.908	1.850	7.5
m/p-Xylenes	0.600	0.667	0.752	0.744	0.749	0.734	0.708	8.7
o-Xylene	0.549	0.489	0.693	0.712	0.713	0.704	0.643	15.3
Styrene	0.899	0.884	1.200	1.225	1.219	1.199	1.104	15
Bromoform	0.225	0.256	0.273	0.279	0.274	0.271	0.263	7.6
1,1,2,2-Tetrachloroethane	1.163	1.210	1.308	1.212	1.237	1.185	1.219	4.1
1,2-Dichloroethane-d4		0.720	0.715	0.717	0.748	0.698	0.720	2.5
Dibromofluoromethane		0.276	0.380	0.318	0.324	0.319	0.323	11.4
Toluene-d8		1.214	1.587	1.303	1.322	1.258	1.337	10.9
4-Bromofluorobenzene		0.411	0.545	0.456	0.457	0.450	0.464	10.6

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date/Time: 06/27/2025 09:38

Lab File ID: VN087207.D Init. Calib. Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 16:34 18:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.612	0.617	0.1	0.82	20
Vinyl Chloride	0.661	0.579		-12.4	20
Bromomethane	0.355	0.318		-10.42	20
Chloroethane	0.345	0.313		-9.27	20
Tert butyl alcohol	0.159	0.134		-15.72	20
1,1-Dichloroethene	0.587	0.520		-11.41	20
Acetone	0.350	0.381		8.86	20
Carbon Disulfide	1.753	1.690		-3.59	20
Methyl tert-butyl Ether	2.020	1.952		-3.37	20
Methylene Chloride	0.673	0.615		-8.62	20
trans-1,2-Dichloroethene	0.651	0.597		-8.3	20
1,1-Dichloroethane	1.234	1.100	0.1	-10.86	20
2-Butanone	0.546	0.524		-4.03	20
Carbon Tetrachloride	0.461	0.442		-4.12	20
cis-1,2-Dichloroethene	0.756	0.703		-7.01	20
Chloroform	1.164	1.039		-10.74	20
1,1,1-Trichloroethane	1.000	0.936		-6.4	20
Benzene	1.463	1.426		-2.53	20
1,2-Dichloroethane	0.476	0.455		-4.41	20
Trichloroethene	0.350	0.324		-7.43	20
1,2-Dichloropropane	0.377	0.359		-4.78	20
Bromodichloromethane	0.513	0.489		-4.68	20
4-Methyl-2-Pentanone	0.561	0.561		0	20
Toluene	0.935	0.892		-4.6	20
t-1,3-Dichloropropene	0.572	0.556		-2.8	20
cis-1,3-Dichloropropene	0.609	0.483		-20.69	20
1,1,2-Trichloroethane	0.354	0.317		-10.45	20
2-Hexanone	0.387	0.334		-13.69	20
Dibromochloromethane	0.385	0.325		-15.58	20
Tetrachloroethene	0.306	0.333		8.82	20
Chlorobenzene	1.109	1.074	0.3	-3.16	20
Ethyl Benzene	1.850	1.914		3.46	20
m/p-Xylenes	0.708	0.784		10.73	20
o-Xylene	0.643	0.719		11.82	20
Styrene	1.104	1.203		8.97	20
Bromoform	0.263	0.276	0.1	4.94	20
1,1,2,2-Tetrachloroethane	1.219	1.242	0.3	1.89	20
1,2-Dichloroethane-d4	0.720	0.659		-8.47	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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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2401 SAS No.: Q2401 SDG No.: Q2401

Instrument ID: MSVOA_N Calibration Date/Time: 06/27/2025 09:38

Lab File ID: VN087207.D Init. Calib. Date(s): 06/26/2025 06/26/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 16:34 18:39

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.323	0.300		-7.12	20
Toluene-d8	1.337	1.205		-9.87	20
4-Bromofluorobenzene	0.464	0.414		-10.78	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\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 27 23:42:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	141577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121650	59.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.420%			
35) Dibromofluoromethane	8.171	113	88312	43.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.060%			
50) Toluene-d8	10.565	98	373564	44.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.020%			
62) 4-Bromofluorobenzene	12.847	95	127776	43.379	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.760%			
Target Compounds						Qvalue
31) Cyclohexane	8.259	56	28964	9.182	ug/l	91
39) Methylcyclohexane	9.600	83	25399	6.924	ug/l	92
40) Benzene	8.612	78	7802	0.840	ug/l	95
52) Toluene	10.629	92	5788	0.975	ug/l	93
67) Ethyl Benzene	11.959	91	11235	1.197	ug/l	99
68) m/p-Xylenes	12.076	106	5672	1.579	ug/l	90
69) o-Xylene	12.394	106	4722	1.446	ug/l	90
73) Isopropylbenzene	12.694	105	72069	8.720	ug/l	100
78) n-propylbenzene	13.035	91	307113	30.170	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	210383	30.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	837189	120.926	ug/l	99
85) sec-Butylbenzene	13.612	105	32879	3.808	ug/l #	55
86) p-Isopropyltoluene	13.723	119	10647	1.503	ug/l	93
89) n-Butylbenzene	14.053	91	37604m	5.715	ug/l	
95) Naphthalene	15.635	128	19735	2.455	ug/l	98

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

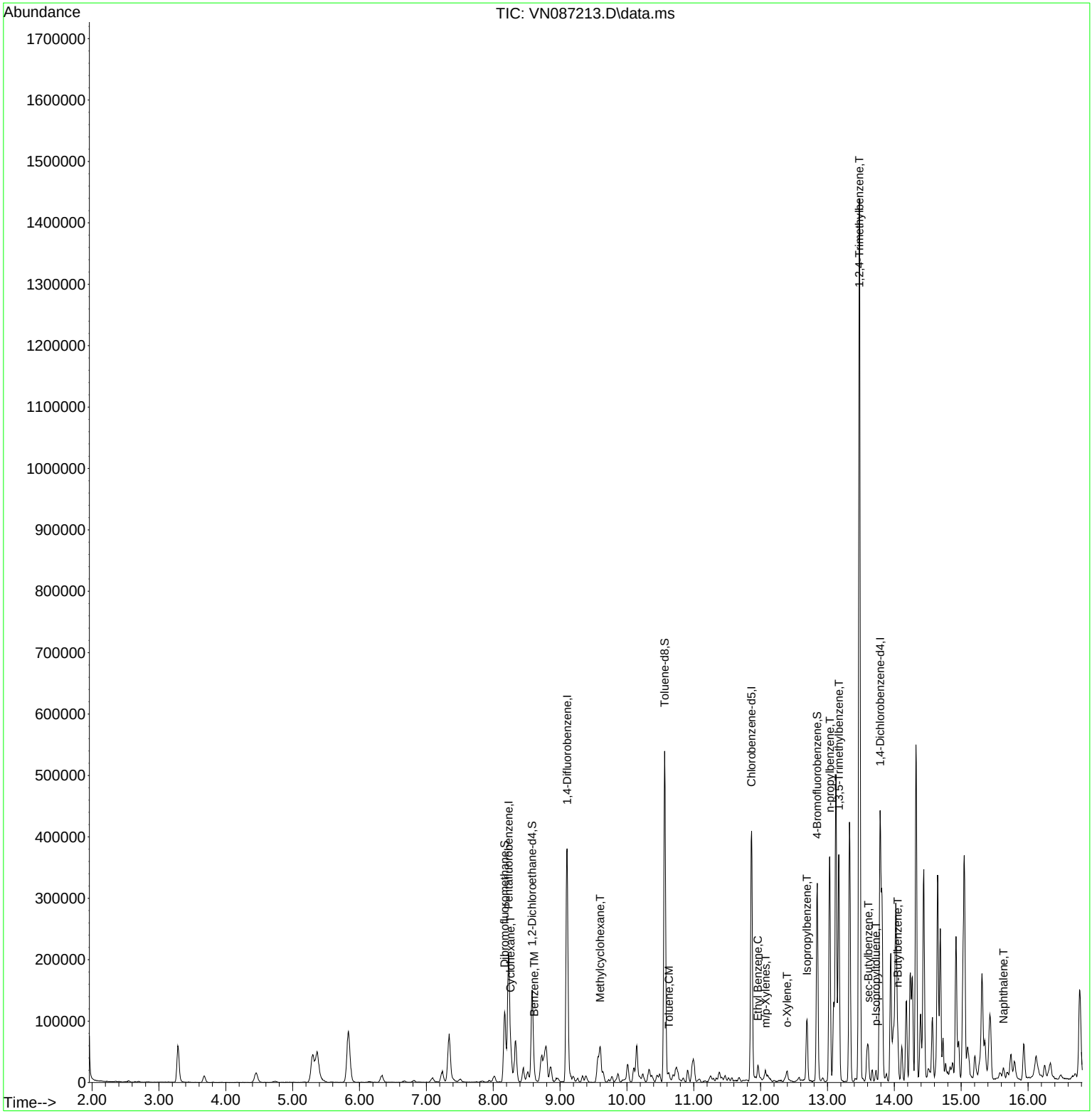
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

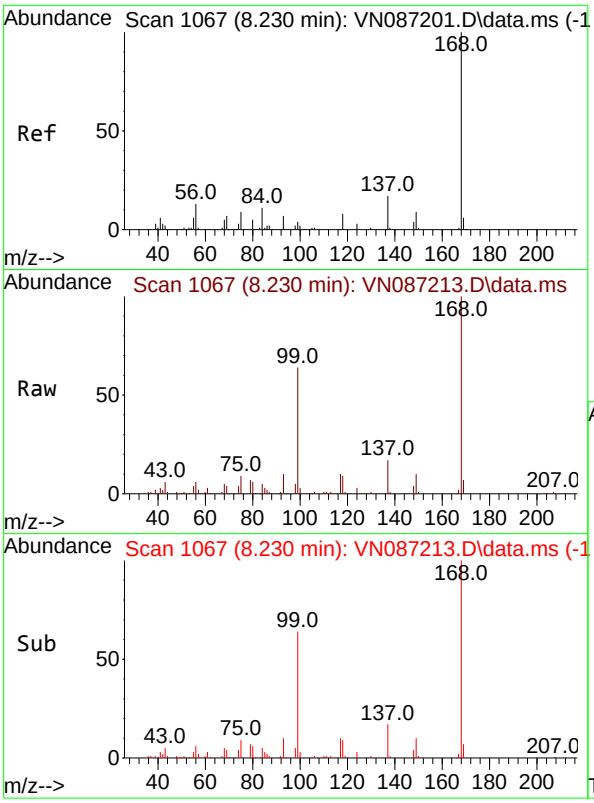
Quant Time: Jun 27 23:42:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

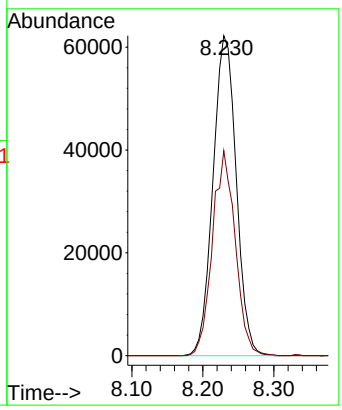




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:168 Resp: 14157

Ion	Ratio	Lower	Upper
168	100		
99	64.1	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
MW2

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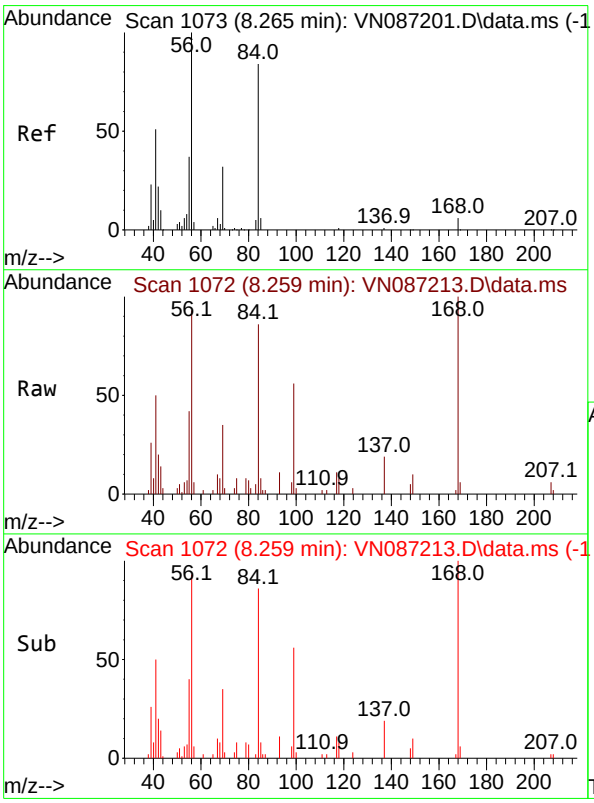
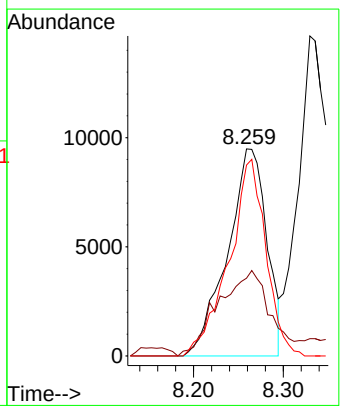
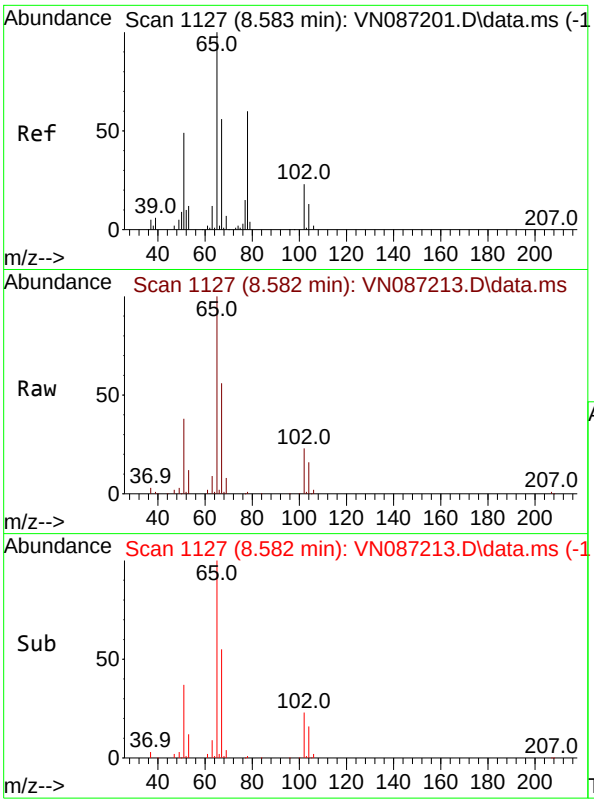


#31
Cyclohexane
Concen: 9.182 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 56 Resp: 28964

Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.3	37.9
84	92.2	67.4	101.0





#33
1,2-Dichloroethane-d4
Concen: 59.708 ug/l
RT: 8.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 65 Resp: 12165

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.0

Instrument :
MSVOA_N
ClientSampleId :
MW2

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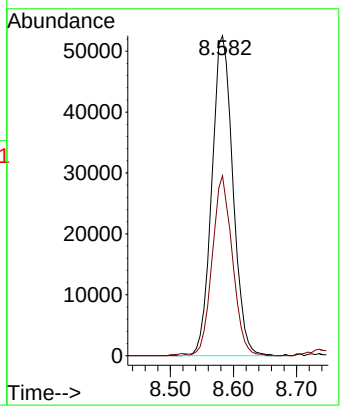
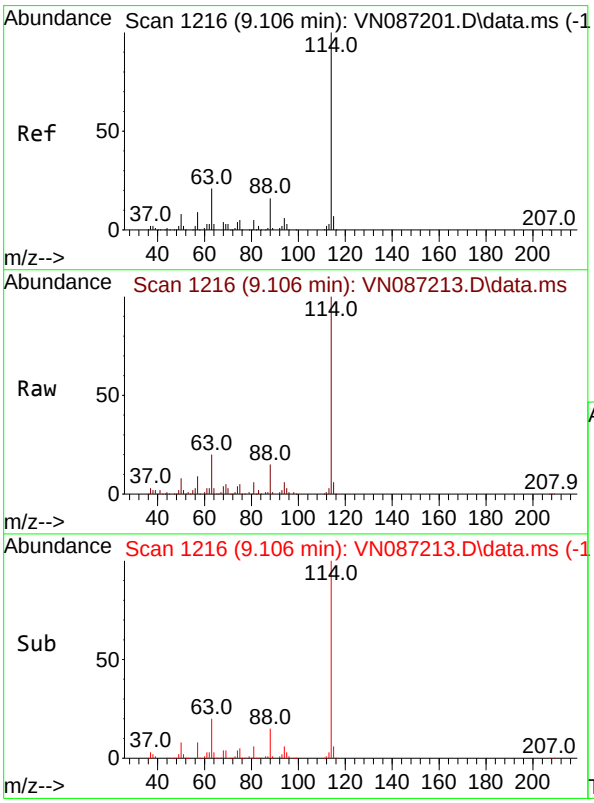
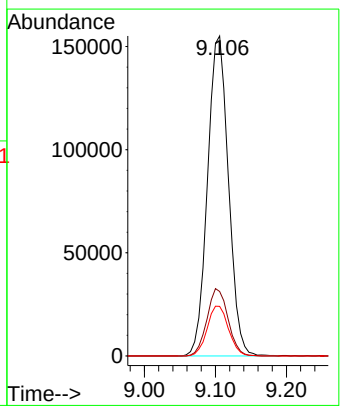


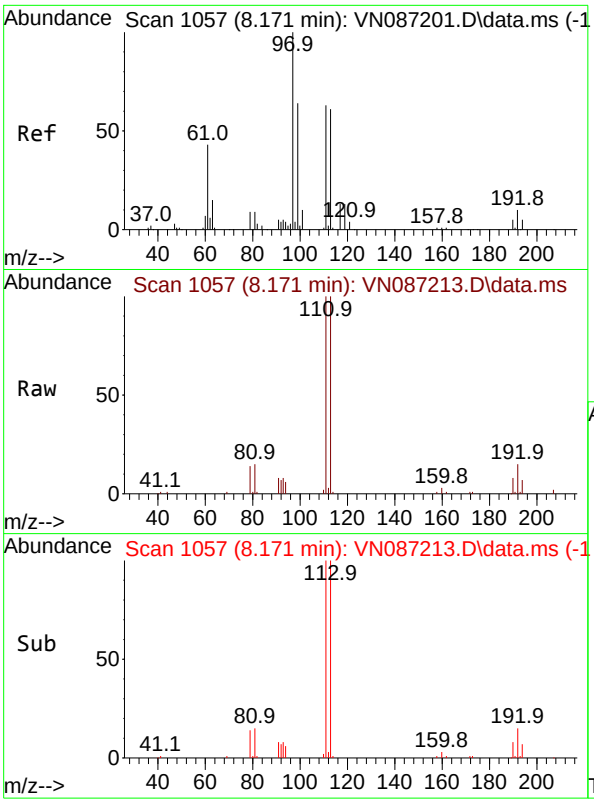


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:114 Resp: 317471

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.0
88	15.5	0.0	32.0

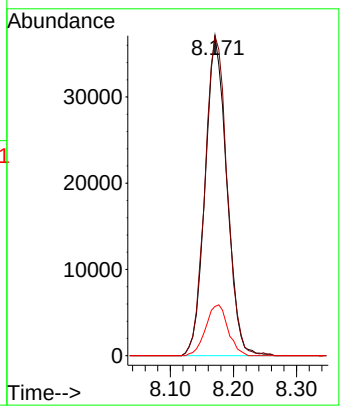




#35
Dibromofluoromethane
Concen: 43.027 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:113 Resp: 8831

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	16.3	13.5	20.3



Instrument :
MSVOA_N
ClientSampleId :
MW2

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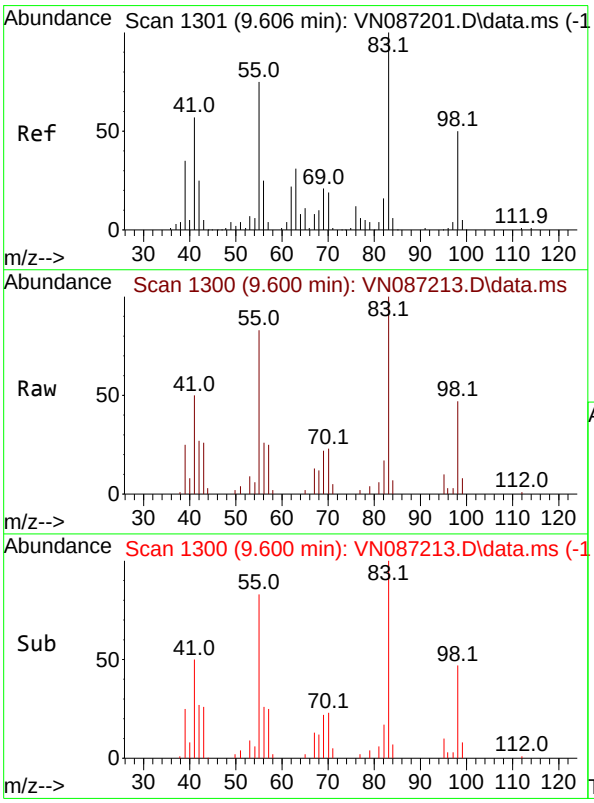
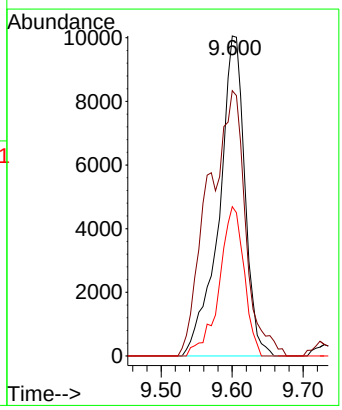
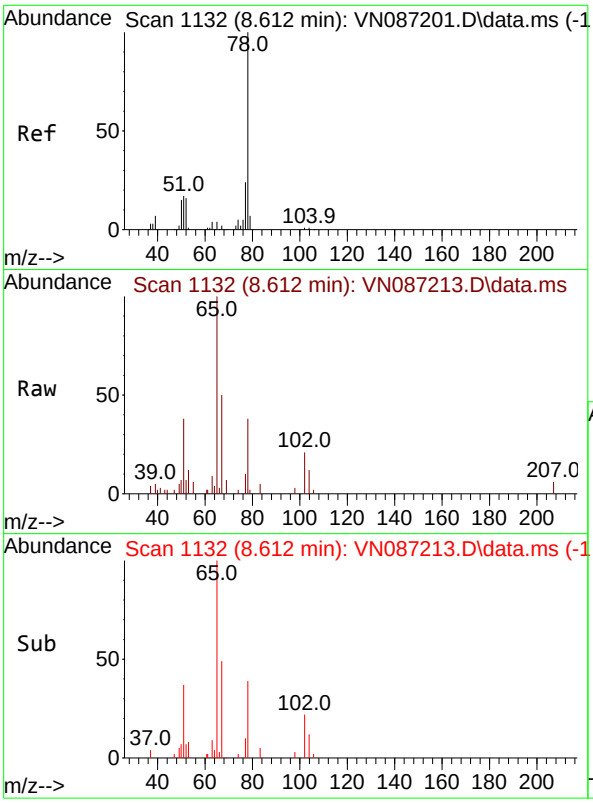


#39
Methylcyclohexane
Concen: 6.924 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 83 Resp: 25399

Ion	Ratio	Lower	Upper
83	100		
55	82.9	59.8	89.8
98	46.6	39.8	59.8





#40
Benzene
Concen: 0.840 ug/l
RT: 8.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 78 Resp: 780

Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.0	28.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

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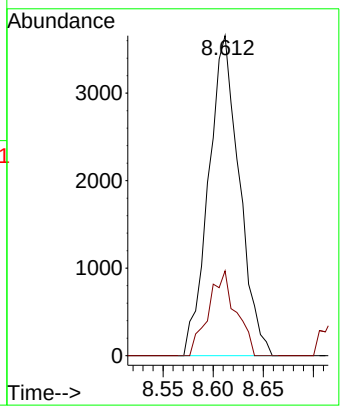
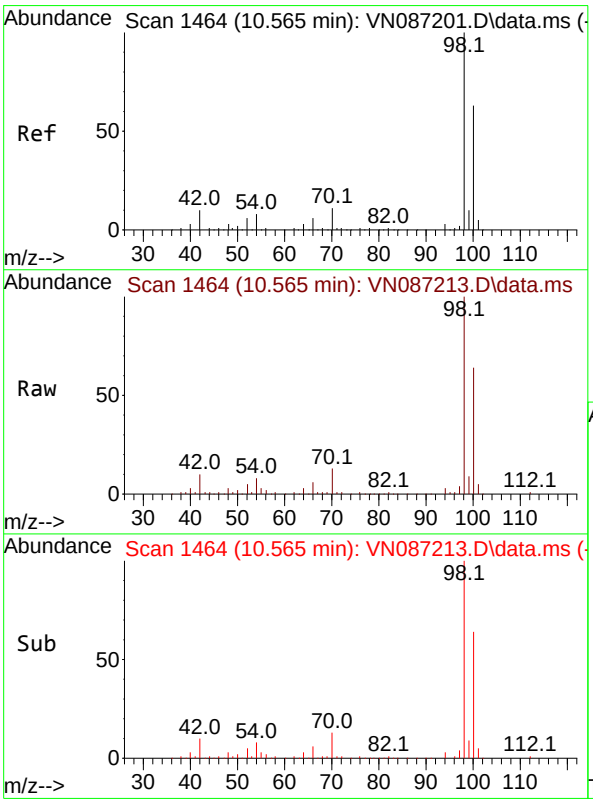
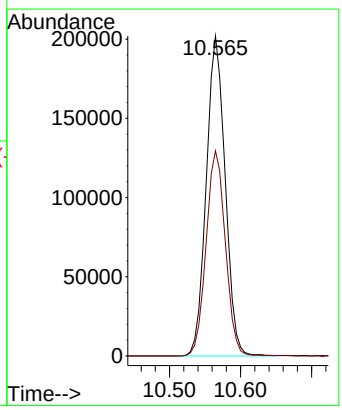


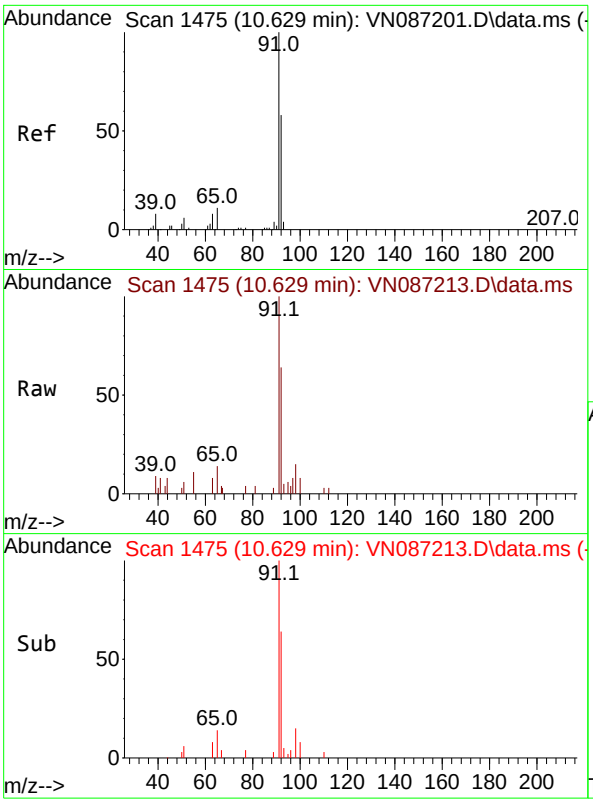


#50
Toluene-d8
Concen: 44.006 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 98 Resp: 373564

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1





#52
Toluene
Concen: 0.975 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 92 Resp: 578

Ion	Ratio	Lower	Upper
92	100		
91	162.8	138.2	207.2

Instrument :
MSVOA_N
ClientSampleId :
MW2

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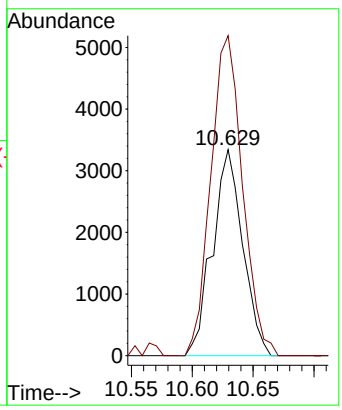
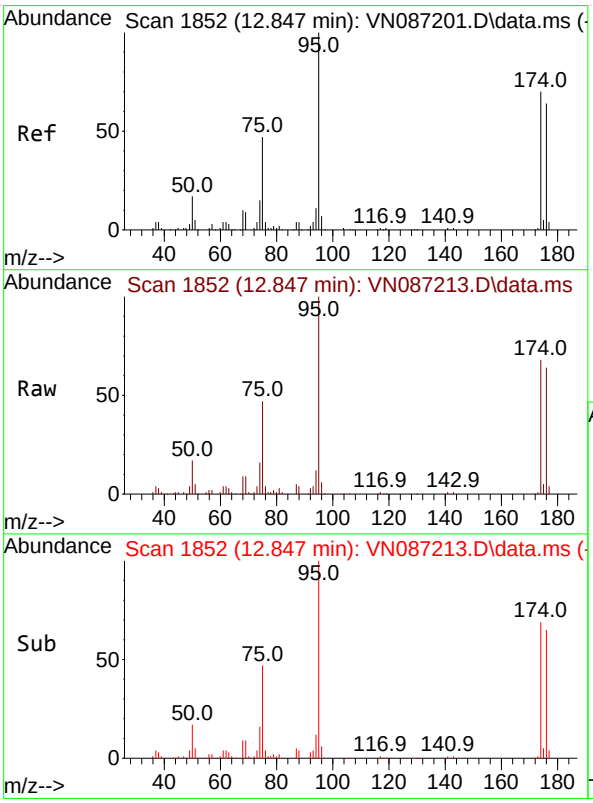
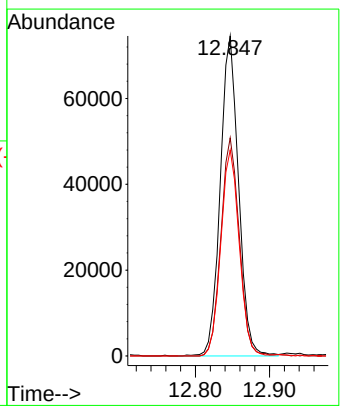


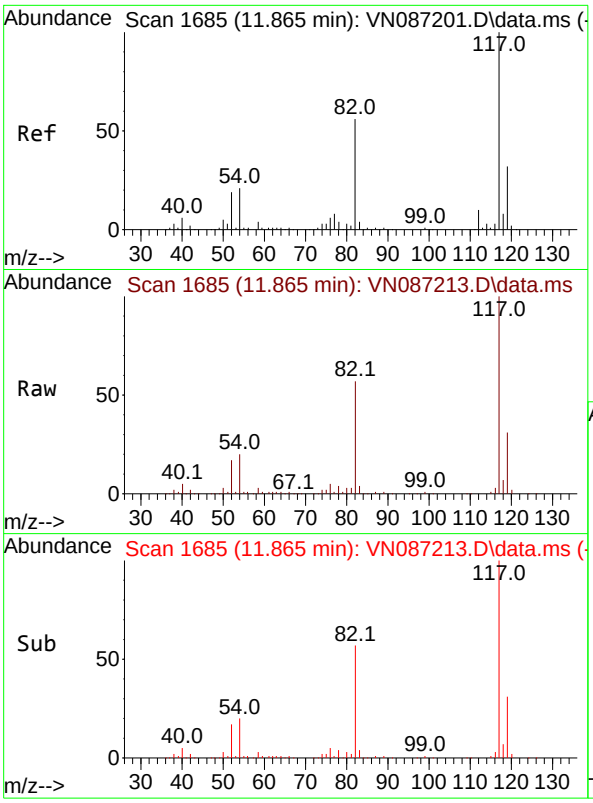


#62
4-Bromofluorobenzene
Concen: 43.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 95 Resp: 127776

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	142.2
176	64.8	0.0	134.8

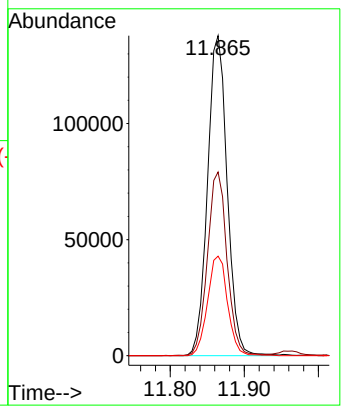




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:117 Resp: 253799

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.0	67.4
119	31.1	25.9	38.9



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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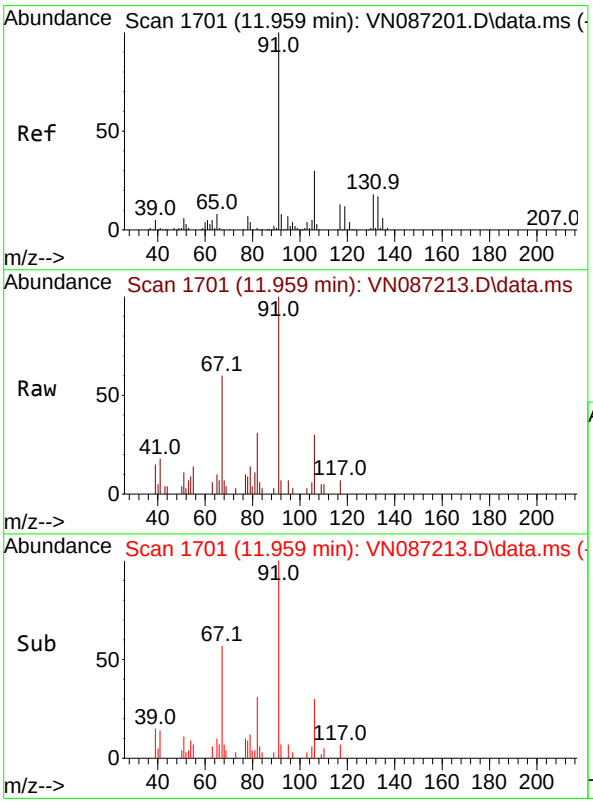
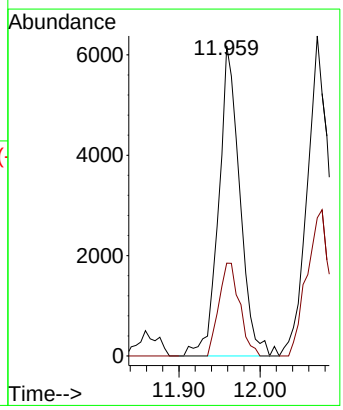
Supervised By :Semsettin Yesilyurt 06/30/2025

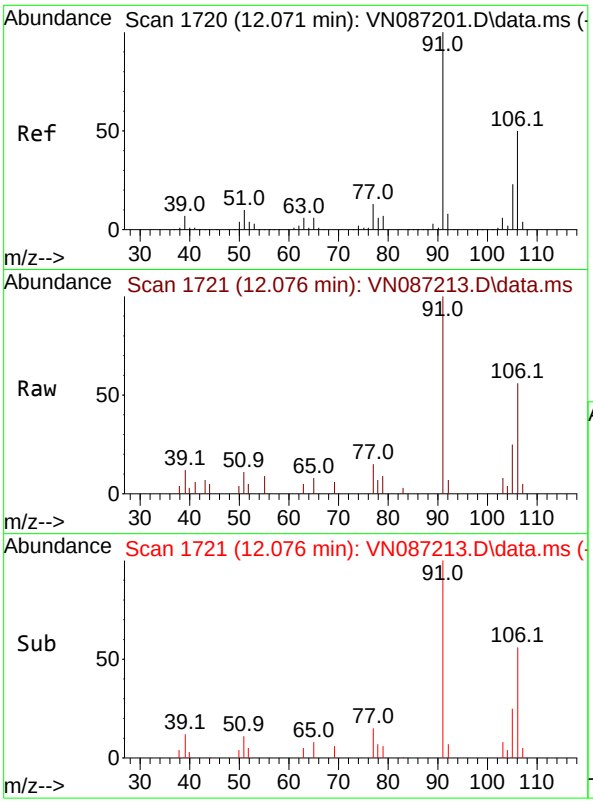


#67
Ethyl Benzene
Concen: 1.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 11235

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.2

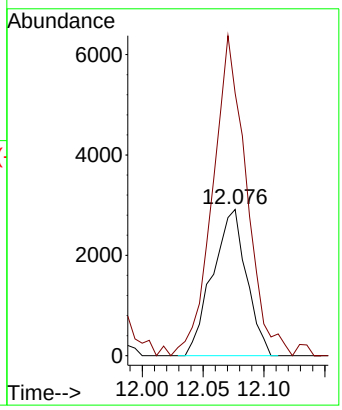




#68
m/p-Xylenes
Concen: 1.579 ug/l
RT: 12.076 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:106 Resp: 567

Ion	Ratio	Lower	Upper
106	100		
91	216.4	161.0	241.6



Instrument :
MSVOA_N
ClientSampleId :
MW2

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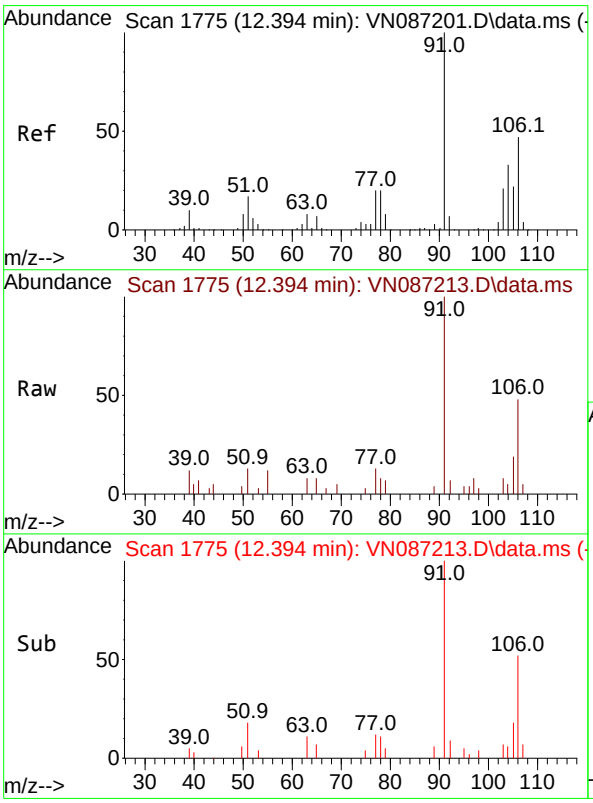
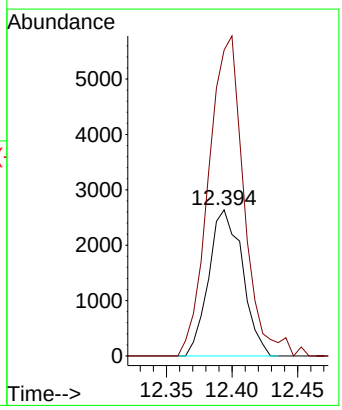
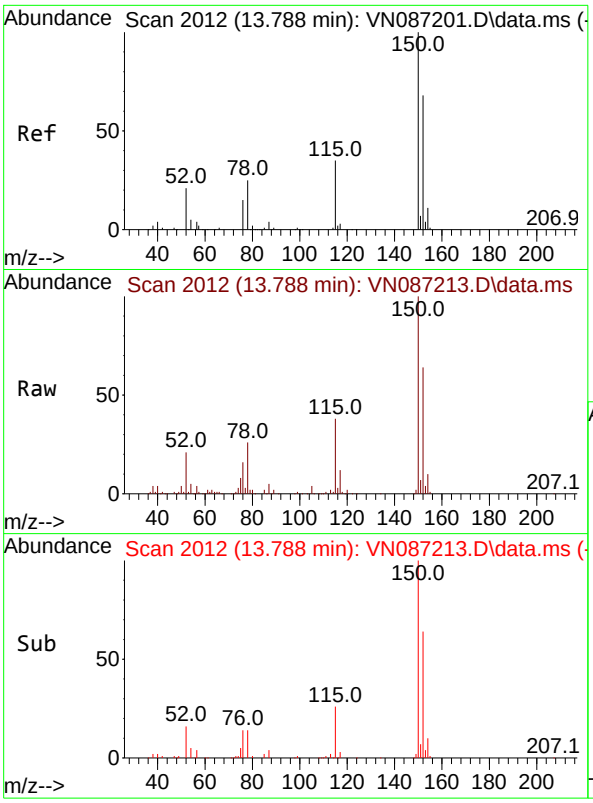


#69
o-Xylene
Concen: 1.446 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:106 Resp: 4722

Ion	Ratio	Lower	Upper
106	100		
91	229.1	106.7	320.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:152 Resp: 12208

Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.6	91.8
150	157.0	0.0	347.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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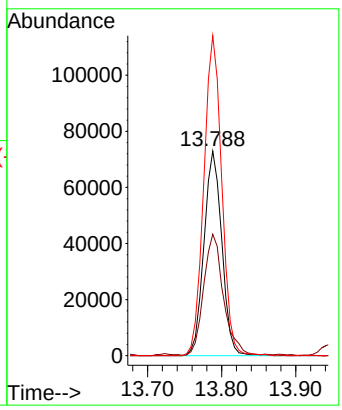
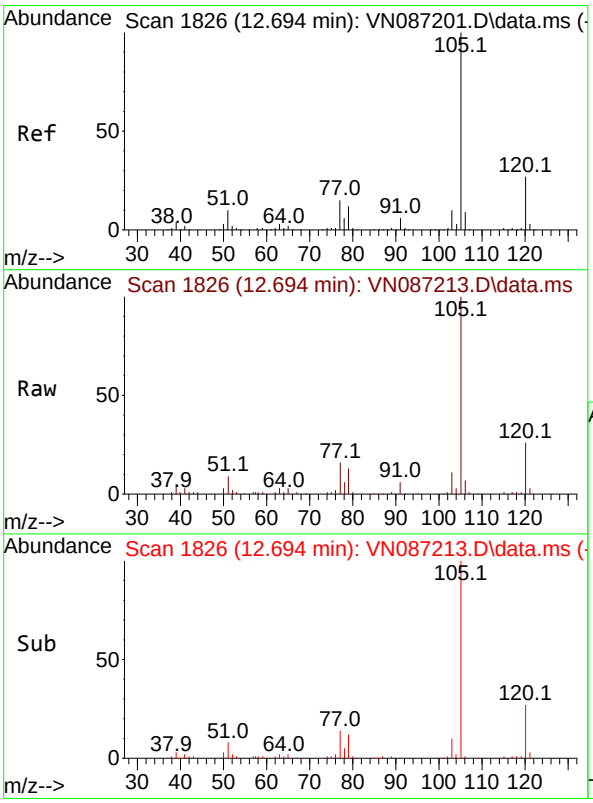
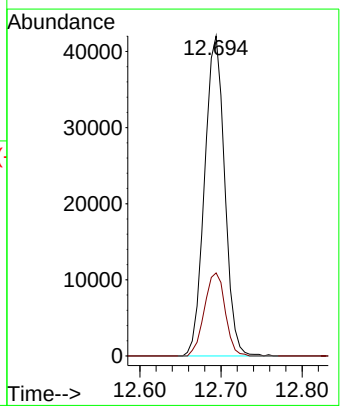


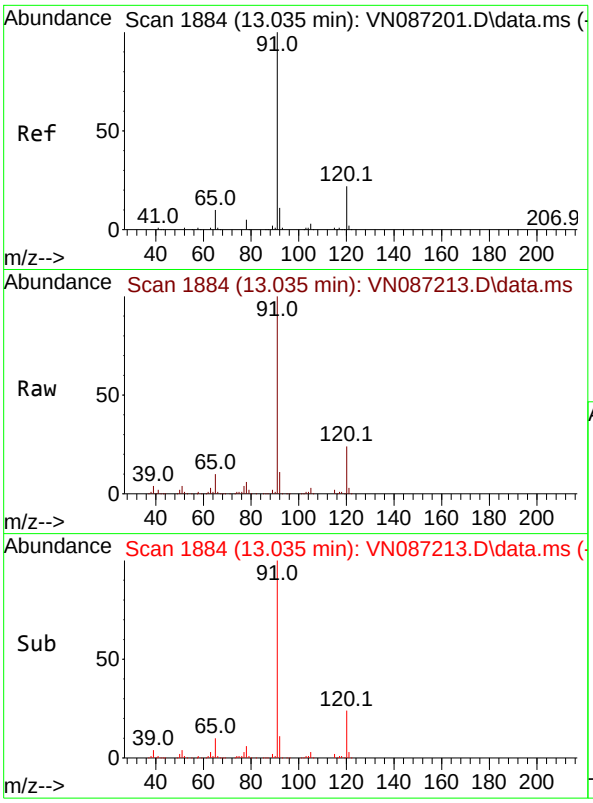


#73
Isopropylbenzene
Concen: 8.720 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 72069

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

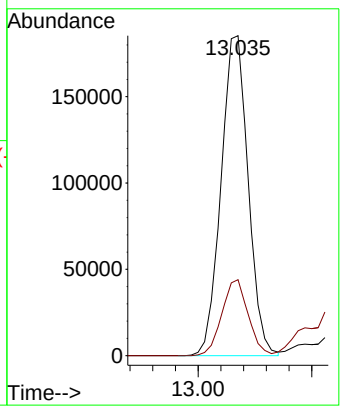




#78
n-propylbenzene
Concen: 30.170 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 30711

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4



Instrument :
MSVOA_N
ClientSampleId :
MW2

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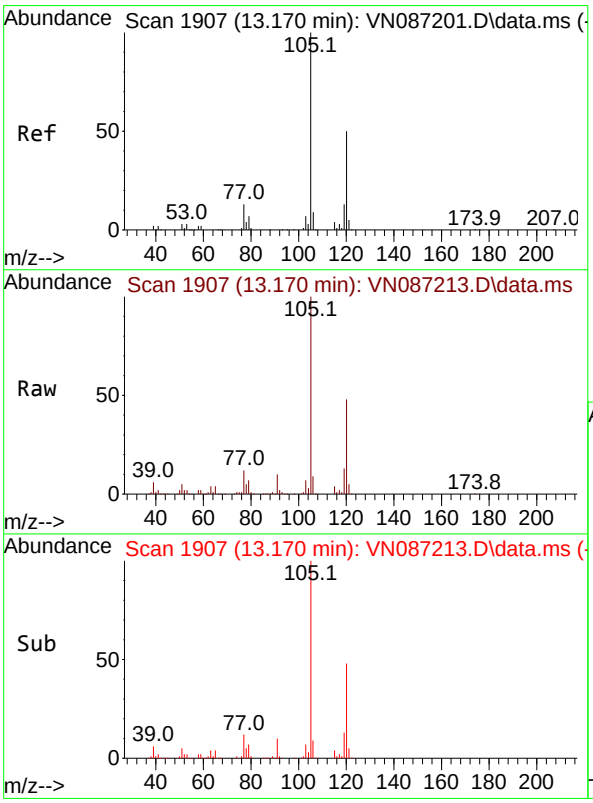
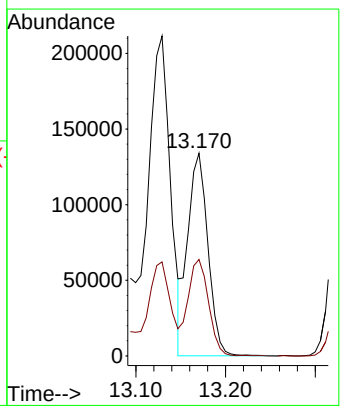
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

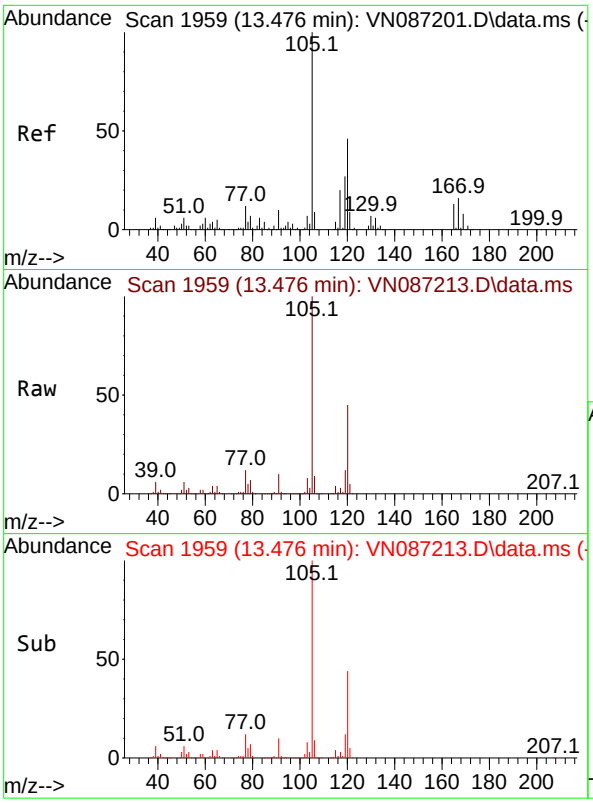


#80
1,3,5-Trimethylbenzene
Concen: 30.835 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 210383

Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.1	75.3





#84
1,2,4-Trimethylbenzene
Concen: 120.926 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

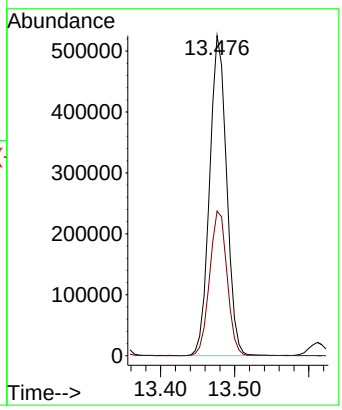
Tgt Ion:105 Resp: 83718

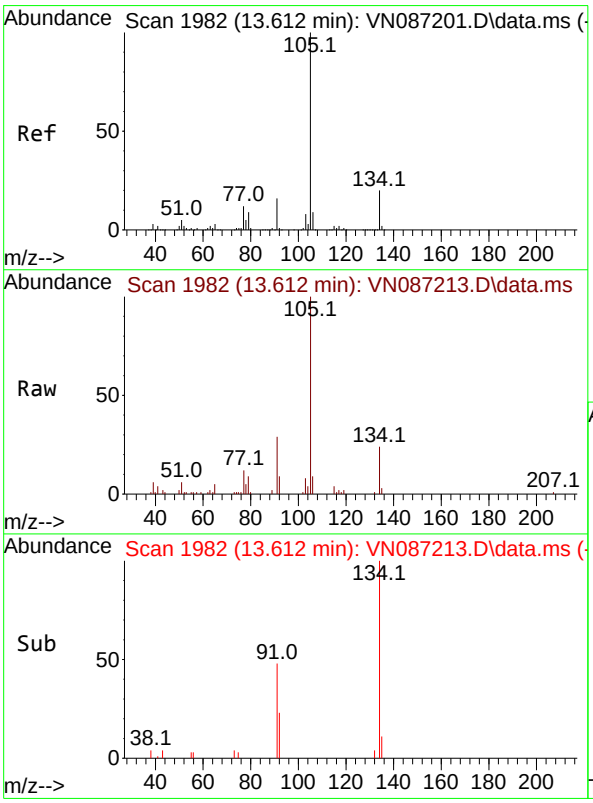
Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

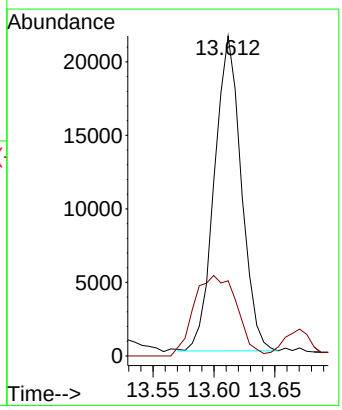


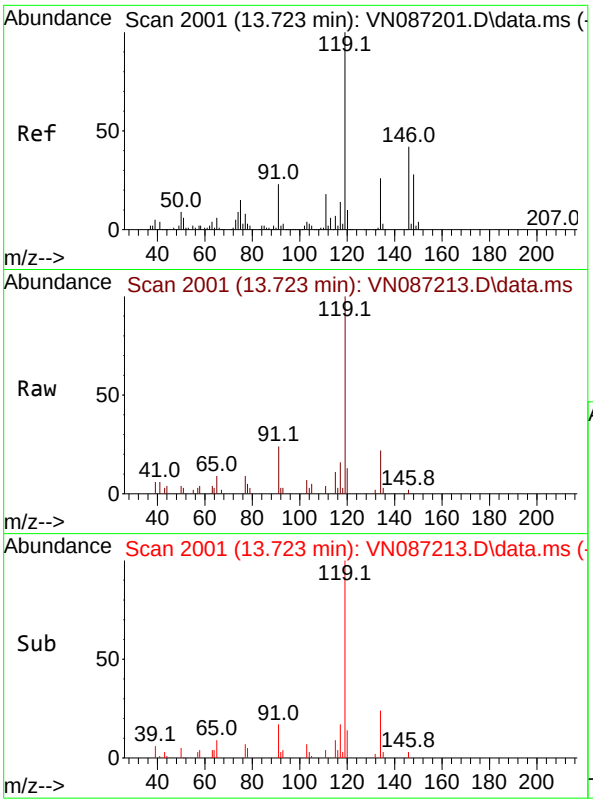


#85
sec-Butylbenzene
Concen: 3.808 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:105 Resp: 32879

Ion	Ratio	Lower	Upper
105	100		
134	40.6	9.9	29.7#

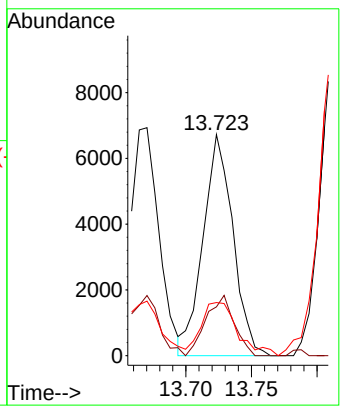




#86
p-Isopropyltoluene
Concen: 1.503 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:119 Resp: 1064

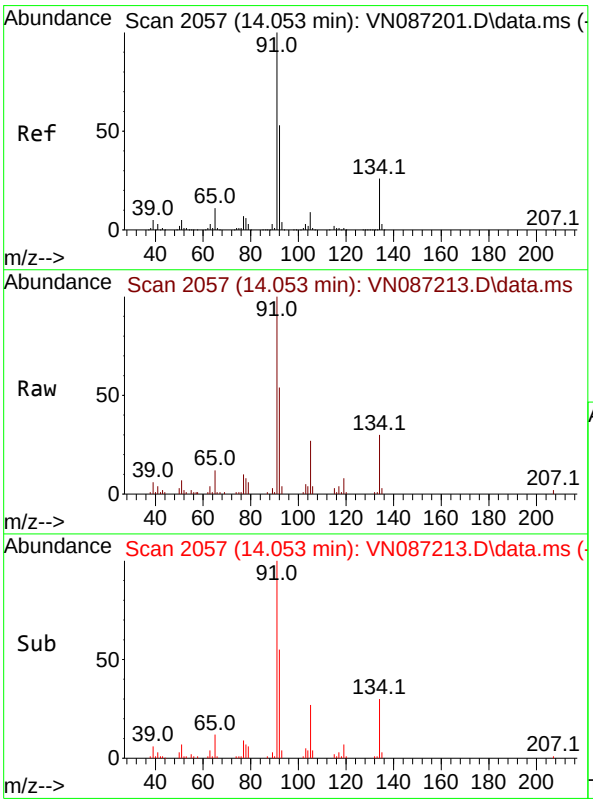
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.4	40.1
91	29.1	11.5	34.4



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

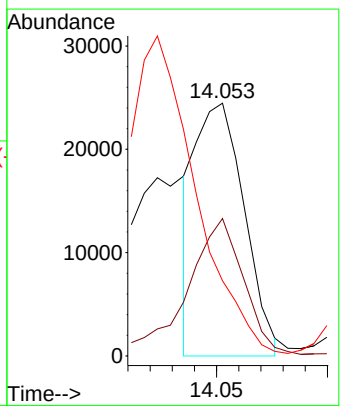
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

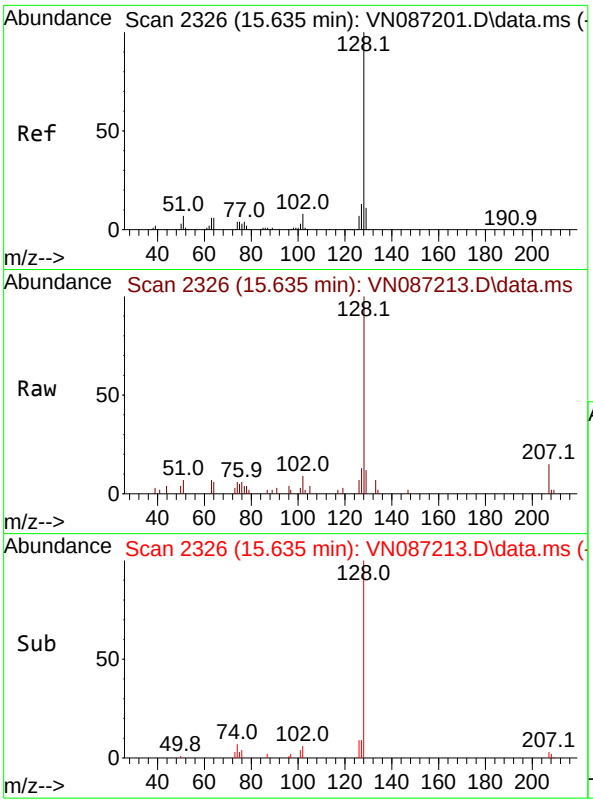


#89
n-Butylbenzene
Concen: 5.715 ug/l m
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion: 91 Resp: 37604

Ion	Ratio	Lower	Upper
91	100		
92	61.6	26.9	80.7
134	0.0	12.8	38.4#

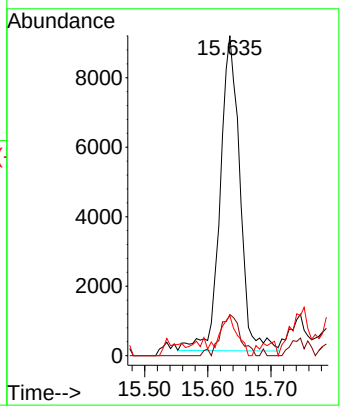




#95
Naphthalene
Concen: 2.455 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087213.D
Acq: 27 Jun 2025 12:08

Tgt Ion:128 Resp: 1973

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.4	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

Signal : TIC: VN087213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.283	217	226	244	rVB2	59191	142037	6.22%	0.686%
2	3.677	285	293	304	rVB2	10564	27373	1.20%	0.132%
3	4.453	415	425	437	rBV3	15434	52201	2.28%	0.252%
4	5.300	555	569	573	rBV3	45103	145786	6.38%	0.704%
5	5.836	647	660	678	rBV2	82748	281467	12.32%	1.359%
6	6.341	734	746	755	rBV3	11306	33159	1.45%	0.160%
7	7.241	889	899	906	rBV2	17981	46922	2.05%	0.227%
8	7.341	906	916	937	rVB	77912	227703	9.97%	1.099%
9	8.018	1022	1031	1040	rVB4	9714	26901	1.18%	0.130%
10	8.171	1046	1057	1062	rBV2	114046	283730	12.42%	1.370%
11	8.230	1062	1067	1078	rVV2	209071	562618	24.63%	2.717%
12	8.335	1078	1085	1097	rVB	66857	167359	7.33%	0.808%
13	8.453	1097	1105	1110	rBV	23301	47439	2.08%	0.229%
14	8.518	1110	1116	1120	rVV3	16236	38613	1.69%	0.186%
15	8.582	1120	1127	1141	rVV	149482	354948	15.54%	1.714%
16	8.729	1142	1152	1154	rVV5	43207	106103	4.64%	0.512%
17	8.788	1157	1162	1169	rVV4	58058	161892	7.09%	0.782%
18	8.859	1169	1174	1183	rVB4	23912	57408	2.51%	0.277%
19	9.106	1207	1216	1228	rBV	379995	820219	35.90%	3.960%
20	9.388	1259	1264	1271	rVB4	10235	23345	1.02%	0.113%
21	9.571	1285	1295	1296	rBV2	42193	78486	3.44%	0.379%
22	9.600	1296	1300	1306	rVB3	44171	93907	4.11%	0.453%
23	9.865	1335	1345	1353	rVB5	13843	32397	1.42%	0.156%
24	10.012	1364	1370	1379	rVB3	28752	63444	2.78%	0.306%
25	10.106	1379	1386	1388	rBV2	23053	43318	1.90%	0.209%
26	10.147	1388	1393	1404	rVV2	55758	116597	5.10%	0.563%
27	10.235	1404	1408	1416	rVB5	12806	27491	1.20%	0.133%
28	10.329	1416	1424	1429	rBV5	20347	49167	2.15%	0.237%
29	10.565	1456	1464	1471	rBV	538196	1012007	44.29%	4.886%
30	10.741	1488	1494	1507	rVB8	22299	68188	2.98%	0.329%
31	10.906	1518	1522	1529	rBV3	18988	35499	1.55%	0.171%
32	10.994	1529	1537	1545	rVV6	37535	105878	4.63%	0.511%
33	11.253	1572	1581	1586	rBV7	9927	26451	1.16%	0.128%
34	11.865	1677	1685	1693	rBV	407362	761302	33.32%	3.676%
35	11.959	1697	1701	1712	rVB2	23764	46132	2.02%	0.223%
36	12.070	1712	1720	1724	rBV2	15598	30413	1.33%	0.147%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

37	12.400	1765	1776	1784	rBV4	17254	45911	2.01%	0.222%
38	12.694	1819	1826	1833	rVB	99825	177477	7.77%	0.857%
39	12.847	1845	1852	1861	rBV	322044	551017	24.12%	2.661%
40	13.035	1872	1884	1889	rBV	366195	614257	26.89%	2.966%
41	13.094	1889	1894	1895	rVV	128767	175354	7.68%	0.847%
42	13.129	1895	1900	1903	rVV	498953	837828	36.67%	4.045%
43	13.170	1903	1907	1914	rVB	367924	583740	25.55%	2.819%
44	13.329	1927	1934	1943	rVB	422385	698613	30.58%	3.373%
45	13.476	1952	1959	1967	rBV	1434292	2284721	100.00%	11.032%
46	13.600	1972	1980	1988	rBV3	60727	150256	6.58%	0.726%
47	13.670	1988	1992	1996	rVB	18013	26226	1.15%	0.127%
48	13.723	1996	2001	2005	rBV2	17376	26074	1.14%	0.126%
49	13.788	2005	2012	2015	rBV	438234	809065	35.41%	3.907%
50	13.947	2033	2039	2043	rBV	208193	355153	15.54%	1.715%
51	14.023	2043	2052	2062	rVB5	286743	773975	33.88%	3.737%
52	14.112	2062	2067	2073	rVB	54952	85812	3.76%	0.414%
53	14.182	2073	2079	2083	rBV	128999	215127	9.42%	1.039%
54	14.241	2083	2089	2091	rBV	168376	286012	12.52%	1.381%
55	14.270	2091	2094	2098	rVB	154142	222245	9.73%	1.073%
56	14.323	2098	2103	2109	rVB	541125	841358	36.83%	4.062%
57	14.394	2109	2115	2118	rBV	102563	177920	7.79%	0.859%
58	14.441	2118	2123	2130	rVB2	338697	557968	24.42%	2.694%
59	14.506	2130	2134	2140	rBV6	13927	32713	1.43%	0.158%
60	14.570	2140	2145	2150	rVB2	97390	156503	6.85%	0.756%
61	14.647	2150	2158	2162	rBV	329133	566461	24.79%	2.735%
62	14.688	2162	2165	2169	rVV	215750	296935	13.00%	1.434%
63	14.729	2169	2172	2176	rVB	54347	66957	2.93%	0.323%
64	14.923	2199	2205	2209	rBV2	221954	365487	16.00%	1.765%
65	14.964	2209	2212	2217	rVB	58427	83890	3.67%	0.405%
66	15.047	2217	2226	2231	rBV3	361294	822221	35.99%	3.970%
67	15.094	2231	2234	2247	rVB3	49944	119752	5.24%	0.578%
68	15.206	2247	2253	2260	rBV3	35569	75027	3.28%	0.362%
69	15.311	2260	2271	2276	rBV2	164810	375127	16.42%	1.811%
70	15.429	2284	2291	2300	rVB4	105829	268604	11.76%	1.297%
71	15.629	2321	2325	2331	rVB	16248	30258	1.32%	0.146%
72	15.747	2339	2345	2349	rBV3	33447	65466	2.87%	0.316%
73	15.794	2349	2353	2366	rVB2	29199	68616	3.00%	0.331%
74	15.935	2370	2377	2384	rBV	59035	121858	5.33%	0.588%
75	16.123	2399	2409	2420	rBV4	33333	103812	4.54%	0.501%
76	16.247	2425	2430	2437	rVV	20203	43419	1.90%	0.210%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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\82N062625W.M
Title : SW846 8260

77	16.335	2437	2445	2458	rVB5	26101	77811	3.41%	0.376%
78	16.770	2512	2519	2522	rBV	140905	275636	12.06%	1.331%

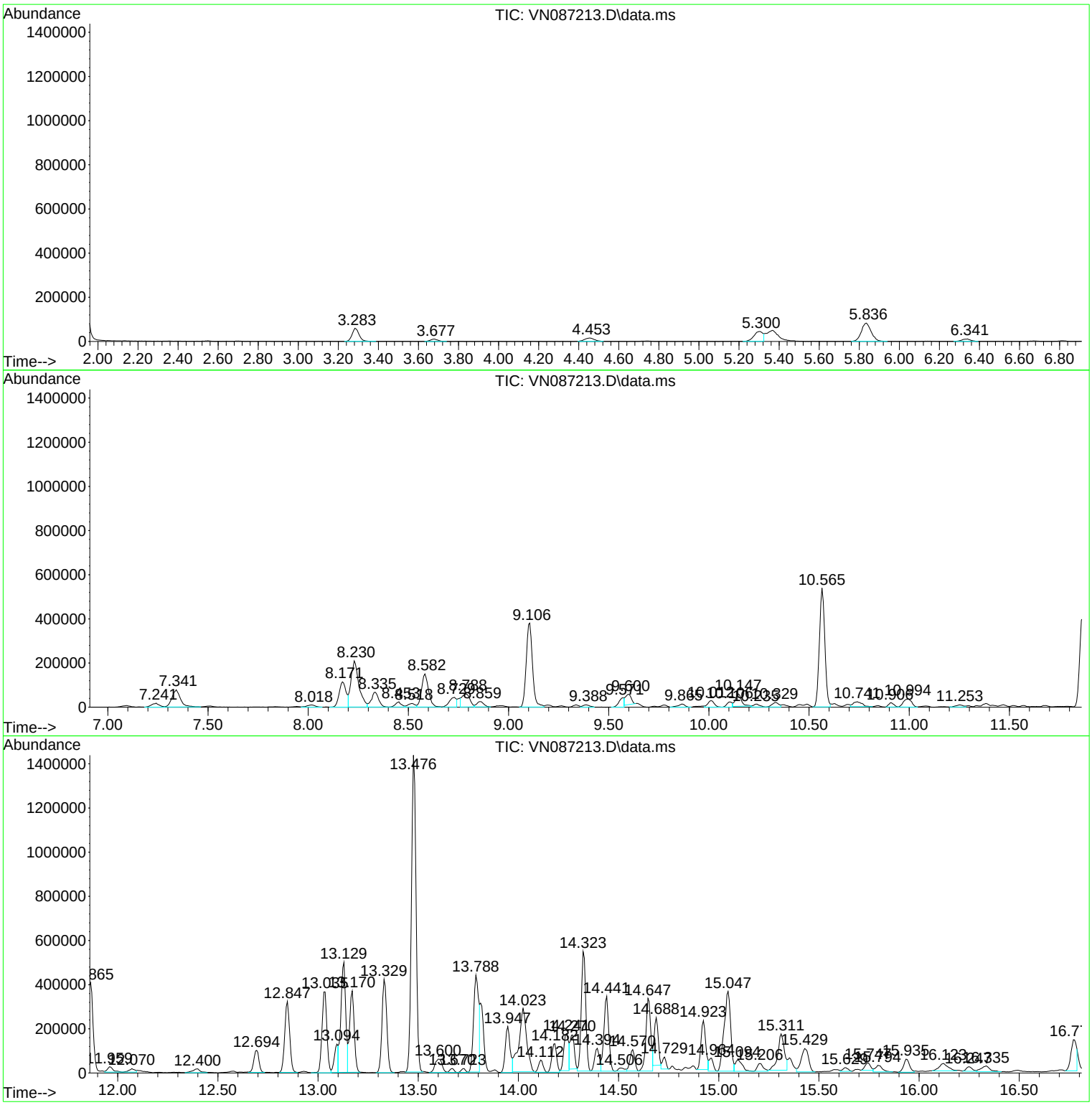
Sum of corrected areas: 20710562

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

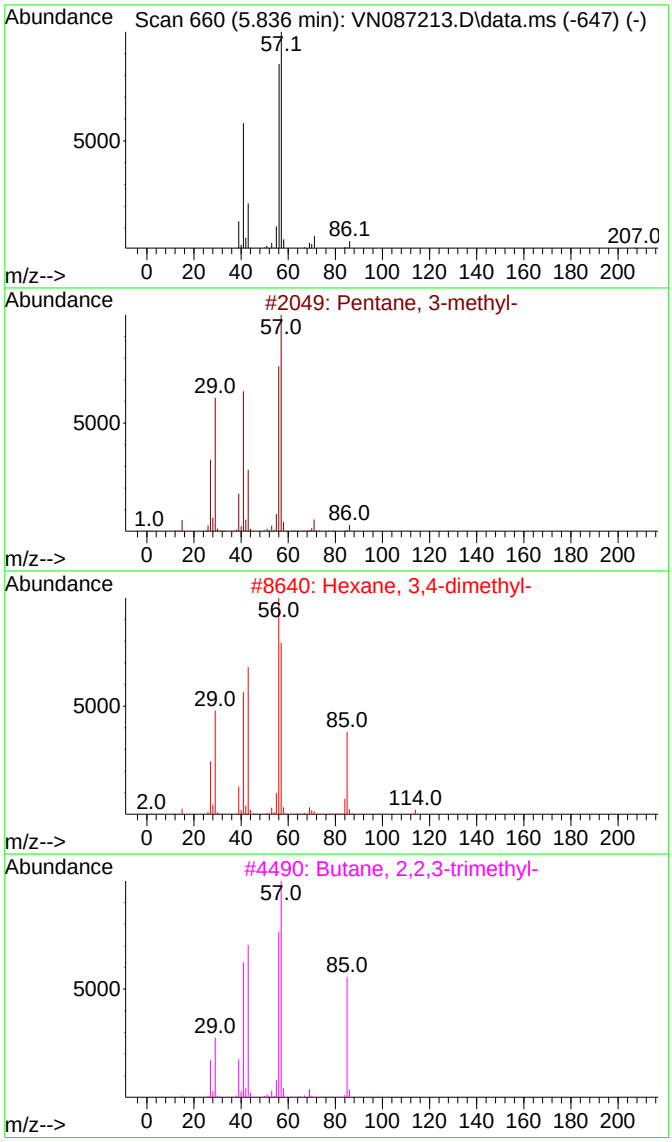
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

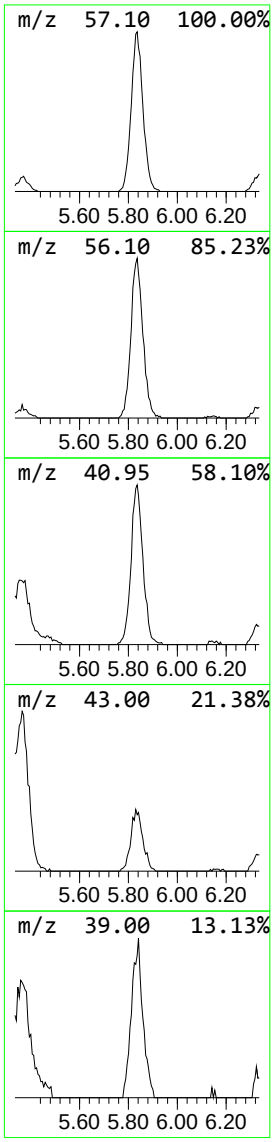
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.836	25.01 ug/l	281467	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

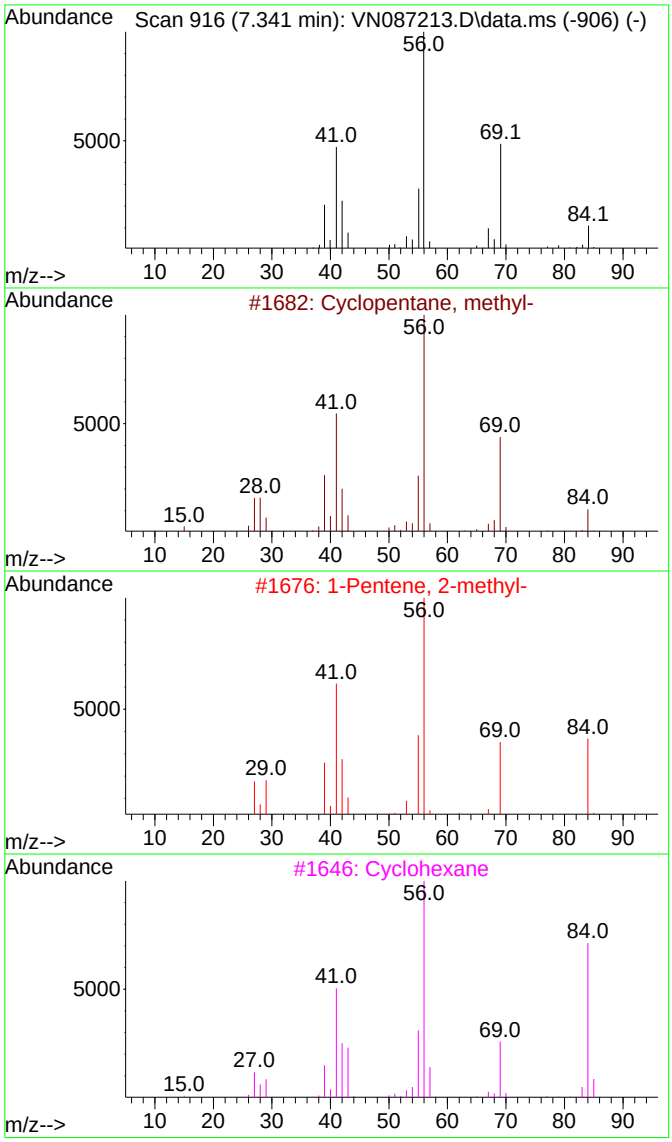
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

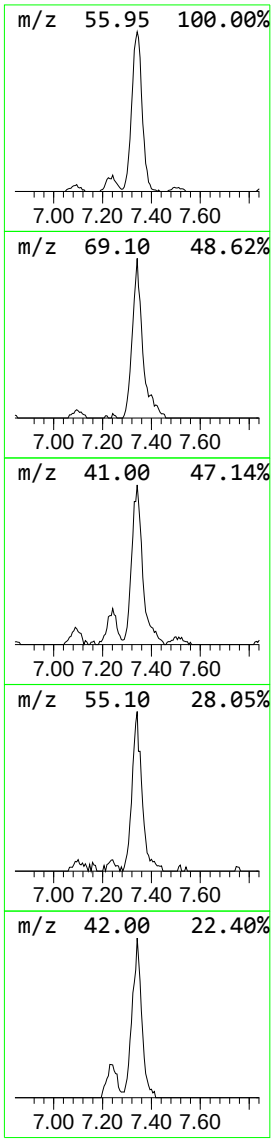
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.341	20.24 ug/l	227703	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On    : 27 Jun 2025  12:08
Operator  : JC\MD
Sample    : Q2401-01
Misc      : 5.0mL/MSVOA_N/WATER
ALS Vial  : 8   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title  : SW846 8260

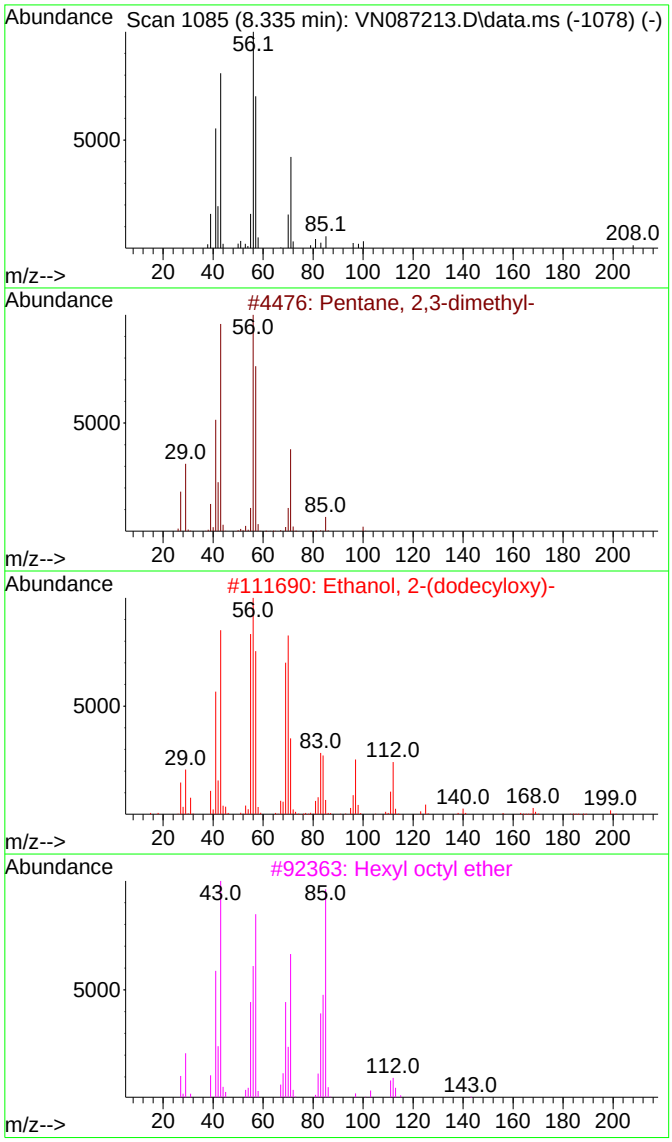
TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

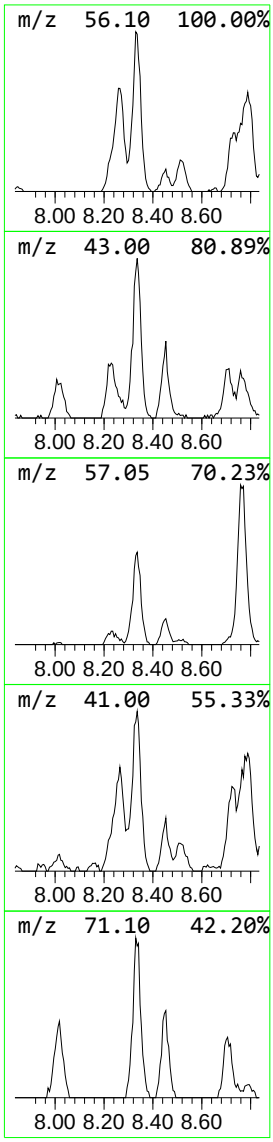
Instrument :
MSVOA_N
ClientSampleId :
MW2

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.335	14.87 ug/l	167359	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	64
3	Hexyl octyl ether	214	C14H30O	017071-54-4	53
4	Heptane	100	C7H16	000142-82-5	47
5	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	43





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

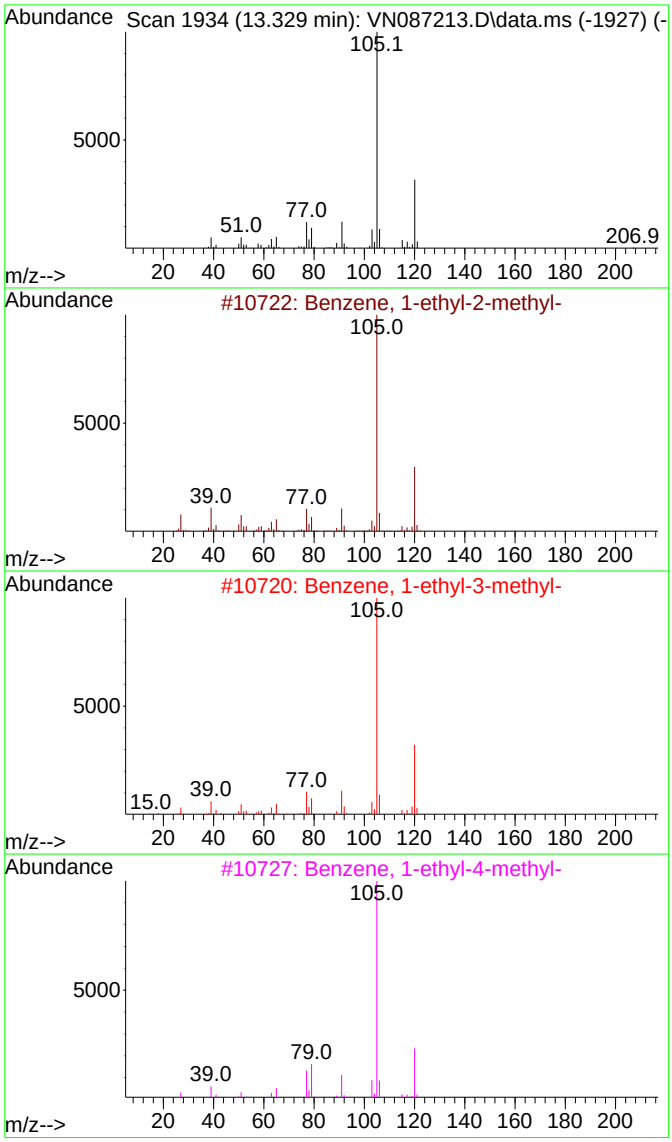
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

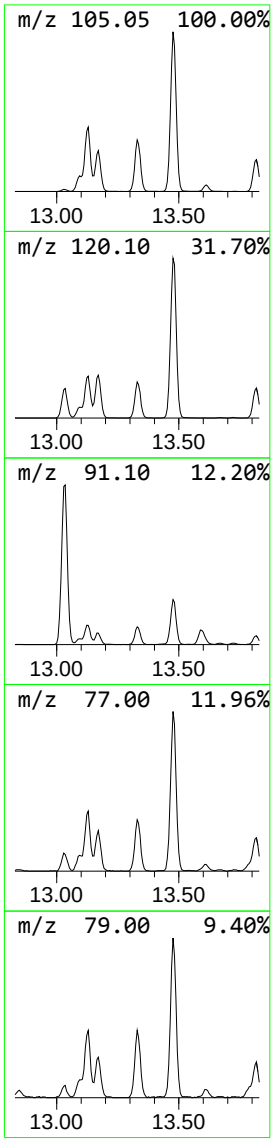
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	43.17 ug/l	698613	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

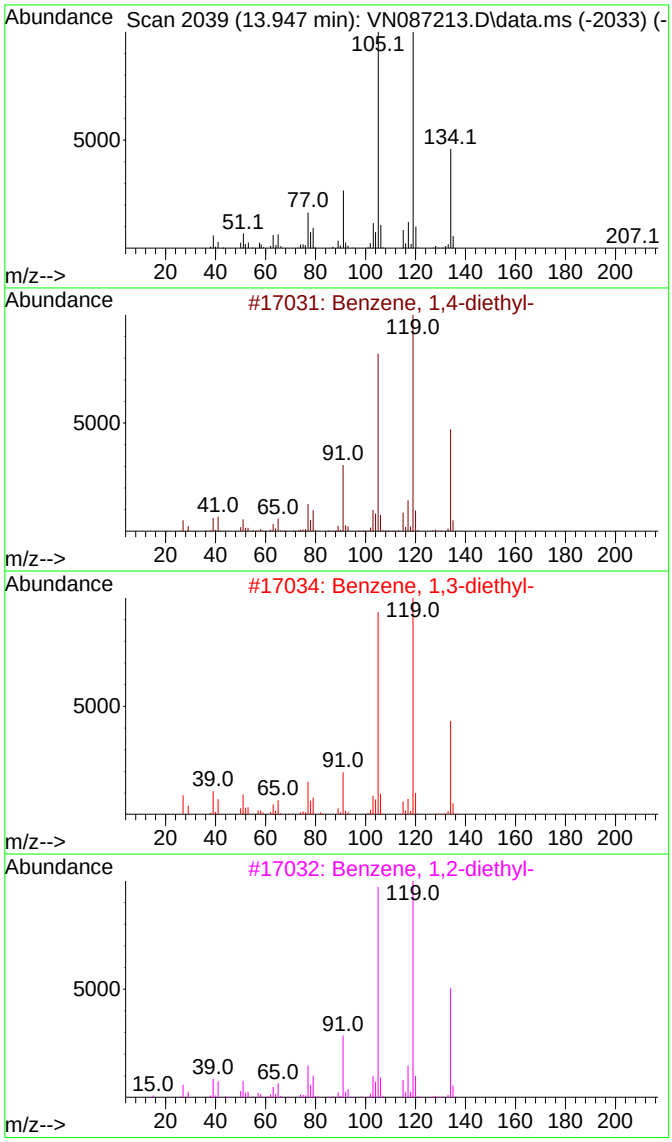
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

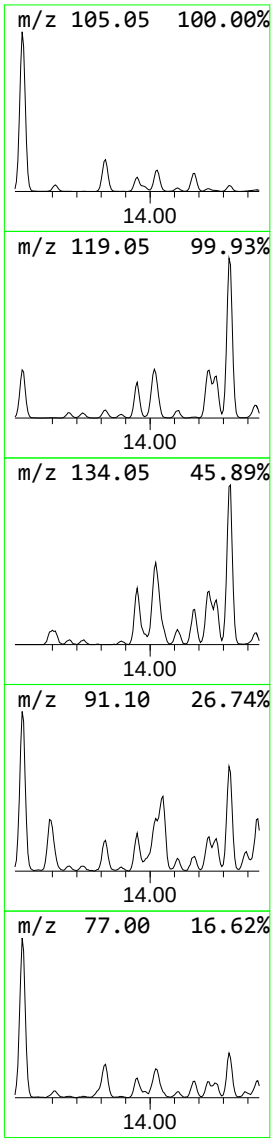
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	21.95 ug/l	355153	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

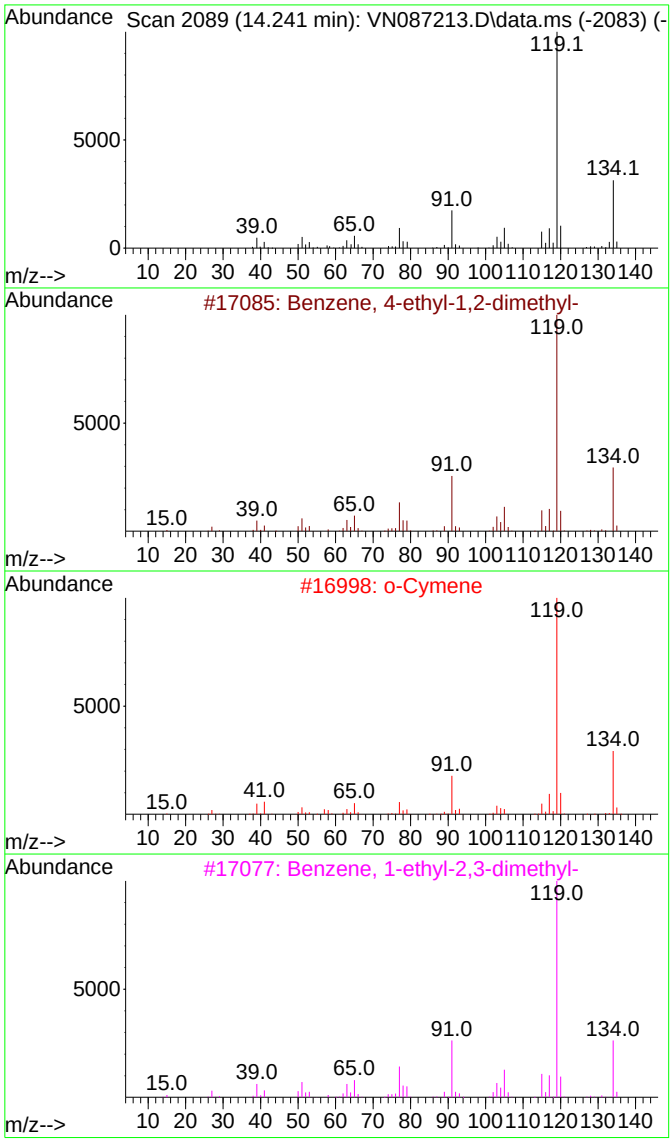
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

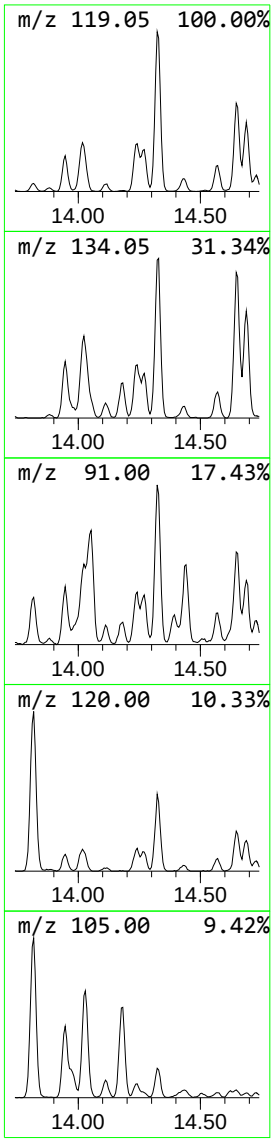
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	17.68 ug/l	286012	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

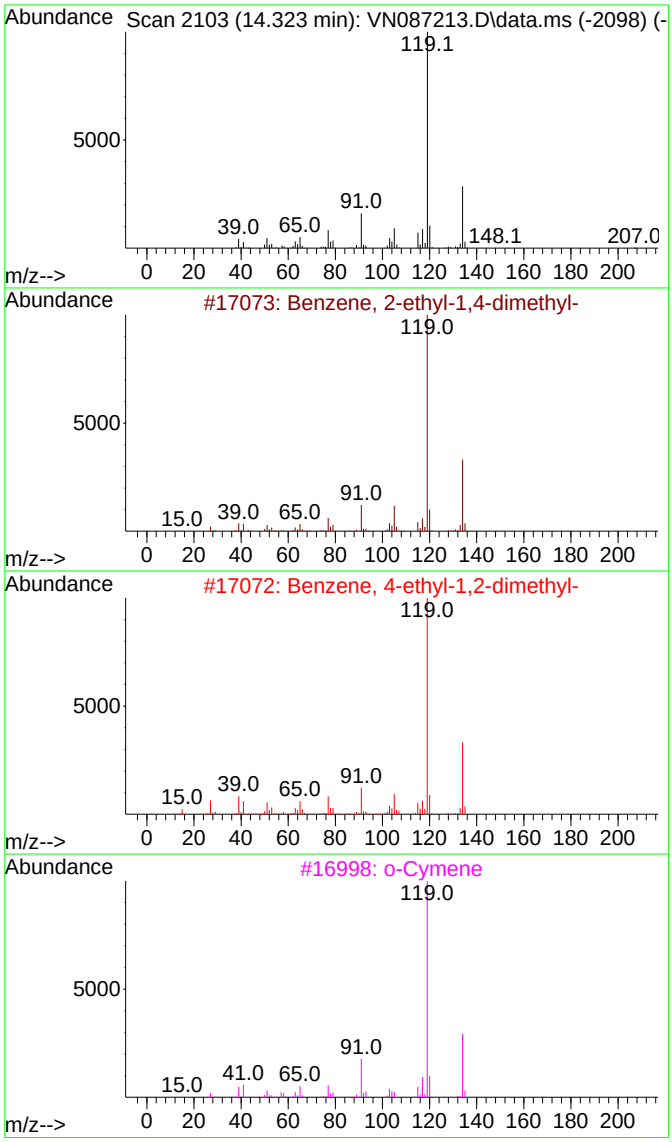
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

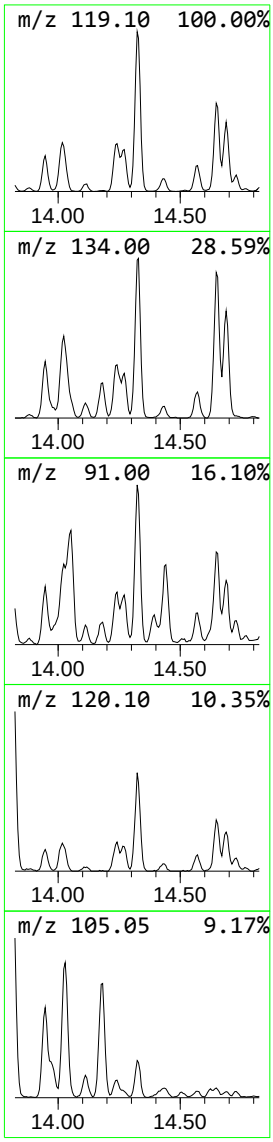
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.323	52.00 ug/l	841358	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

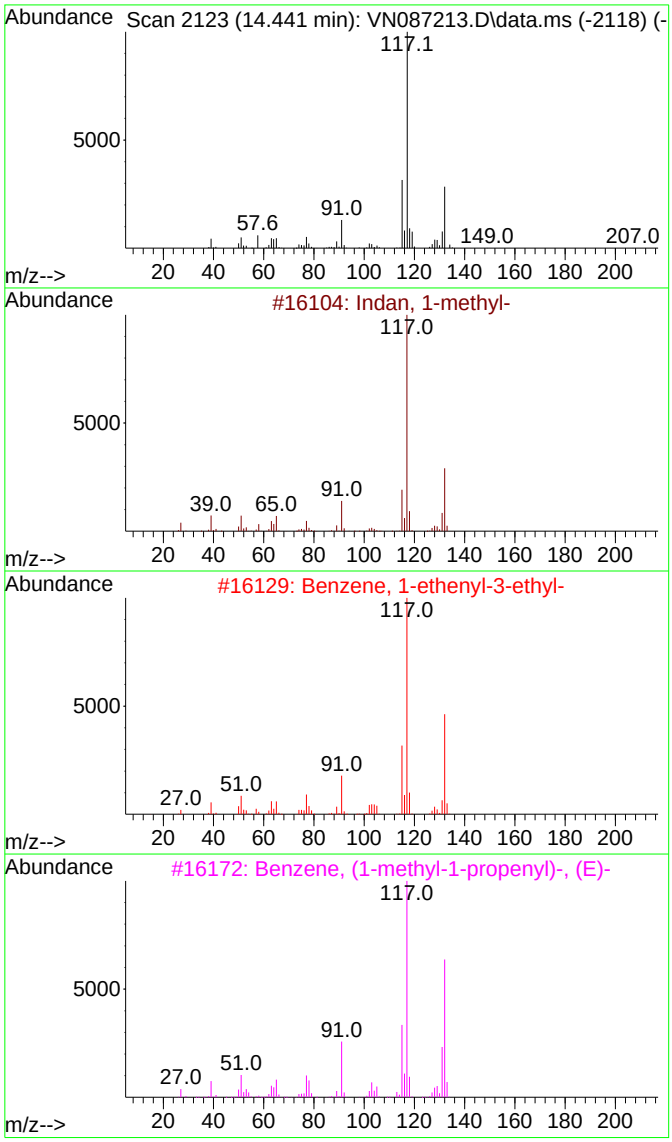
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

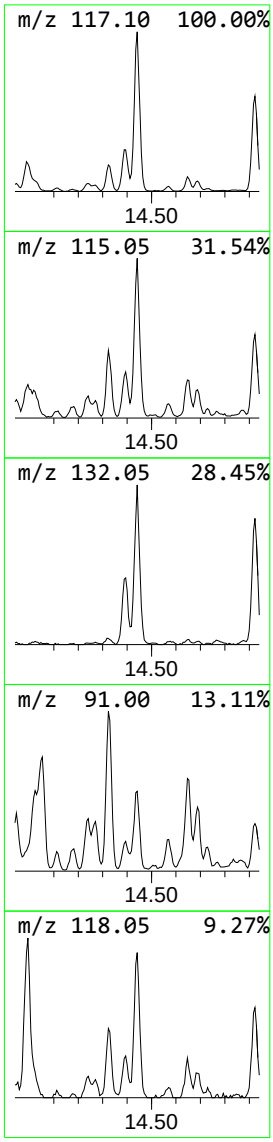
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	34.48 ug/l	557968	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
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Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

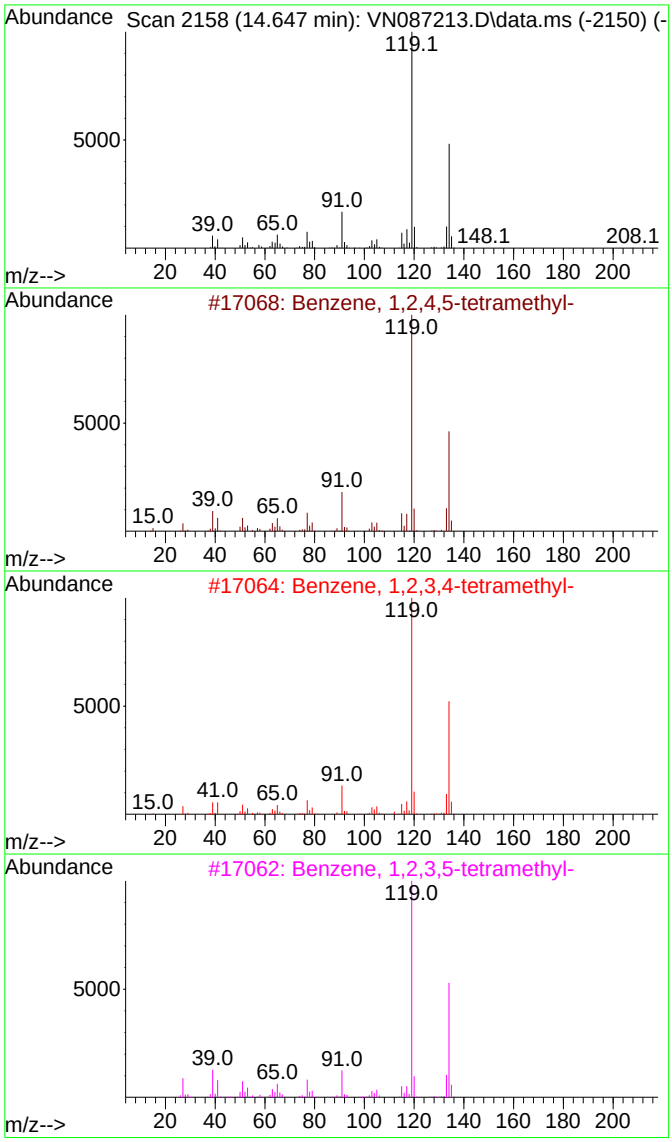
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

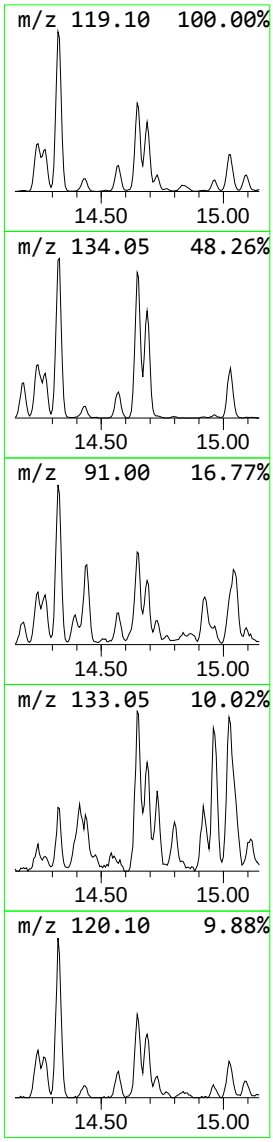
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.647	35.01 ug/l	566461	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

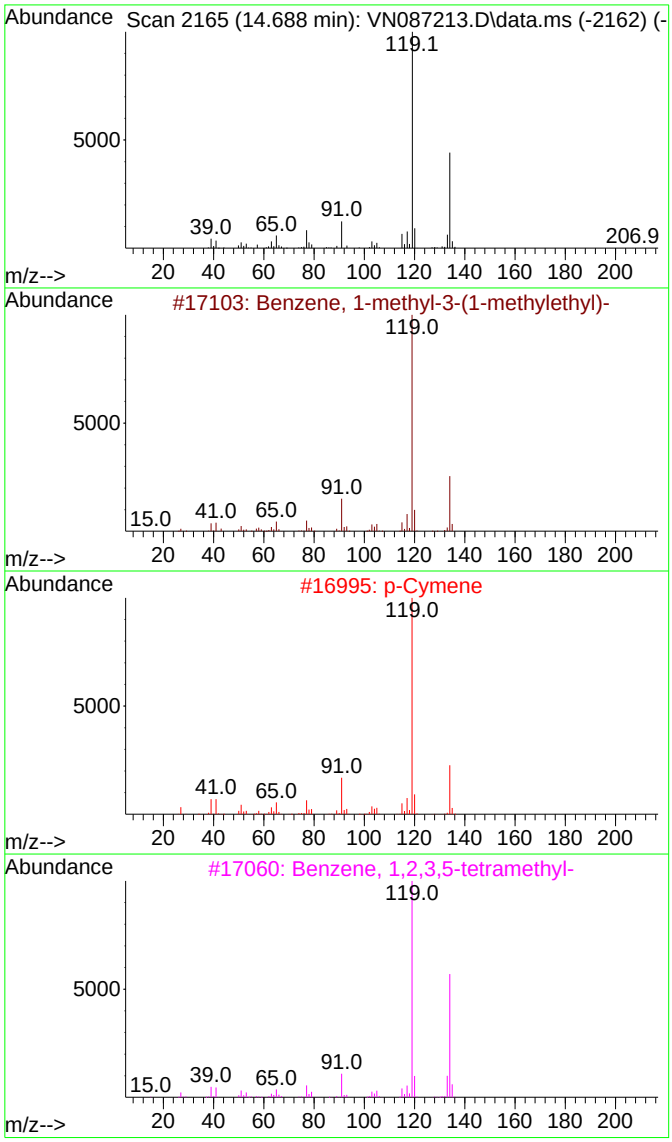
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

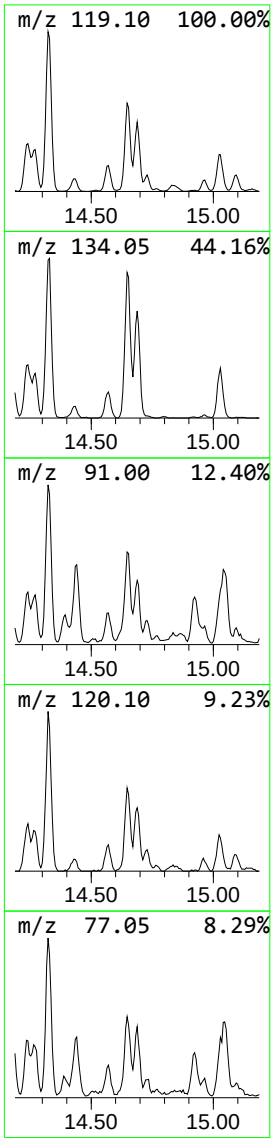
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	18.35 ug/l	296935	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

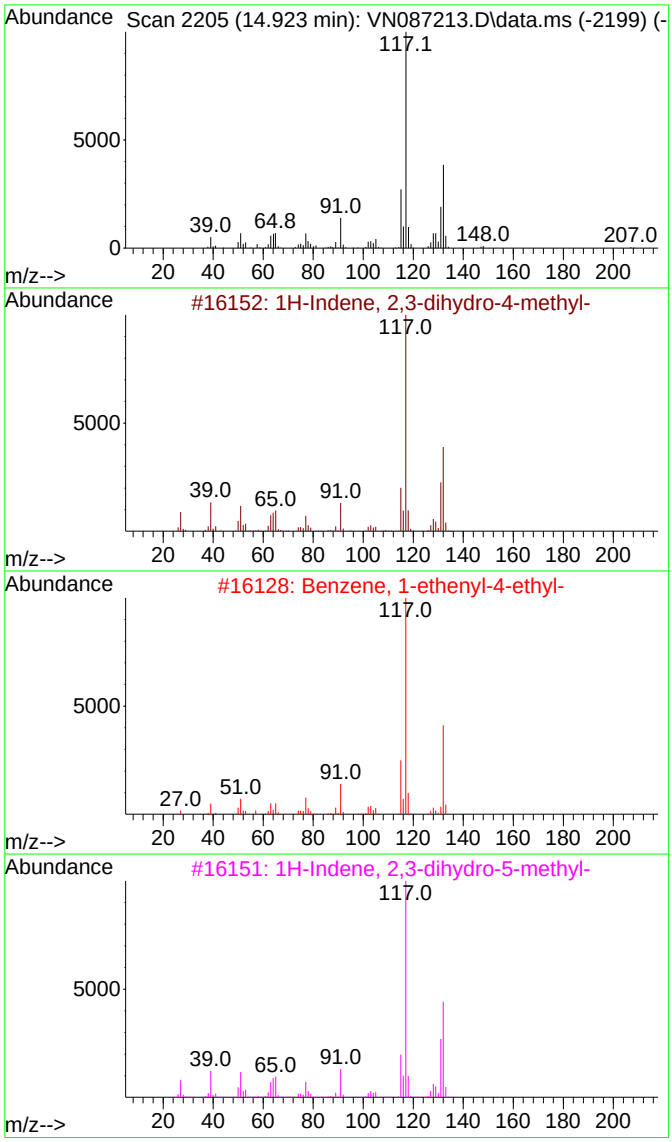
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

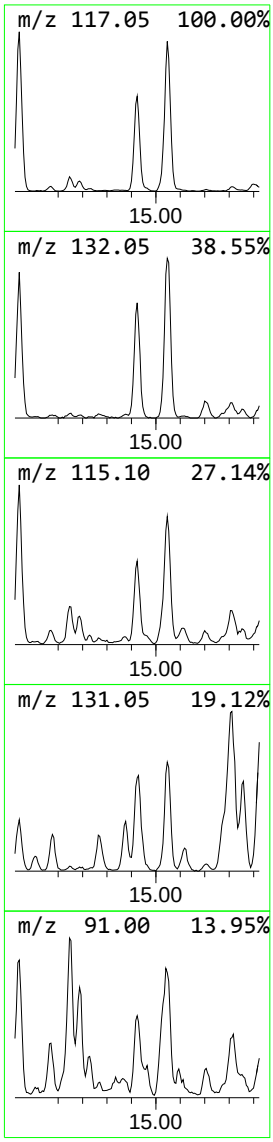
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.923	22.59 ug/l	365487	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

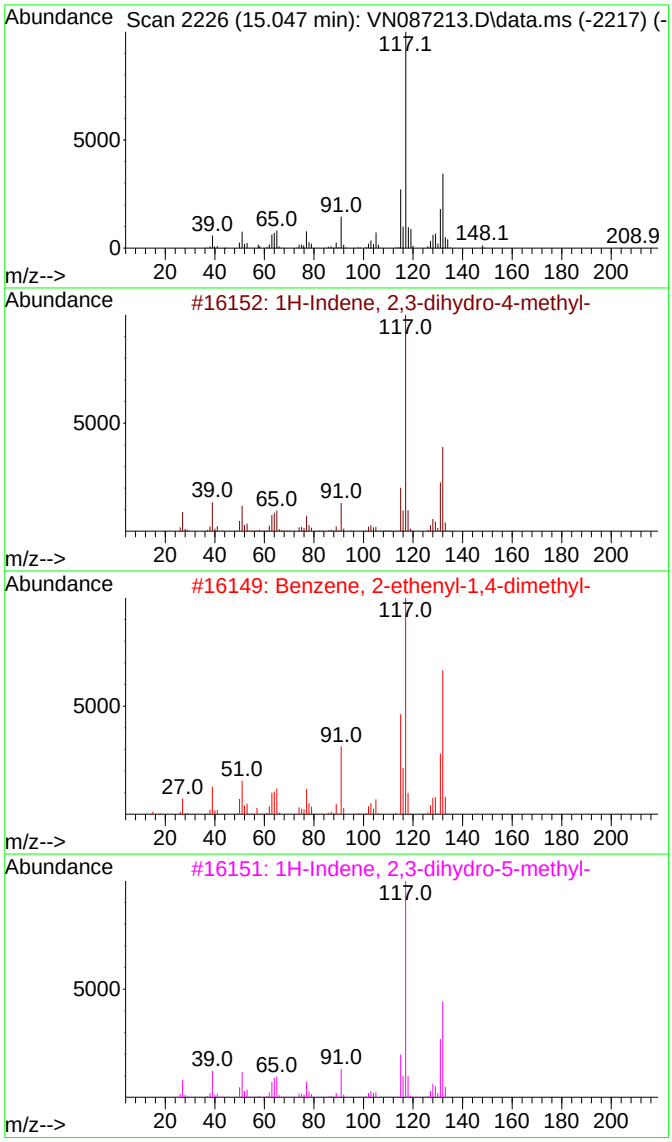
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

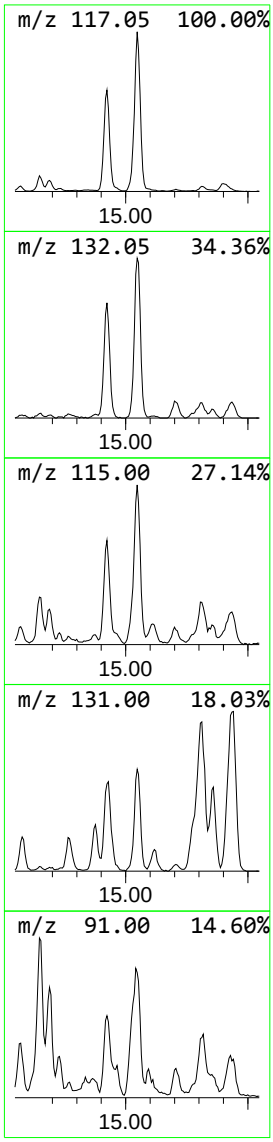
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	50.81 ug/l	822221	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

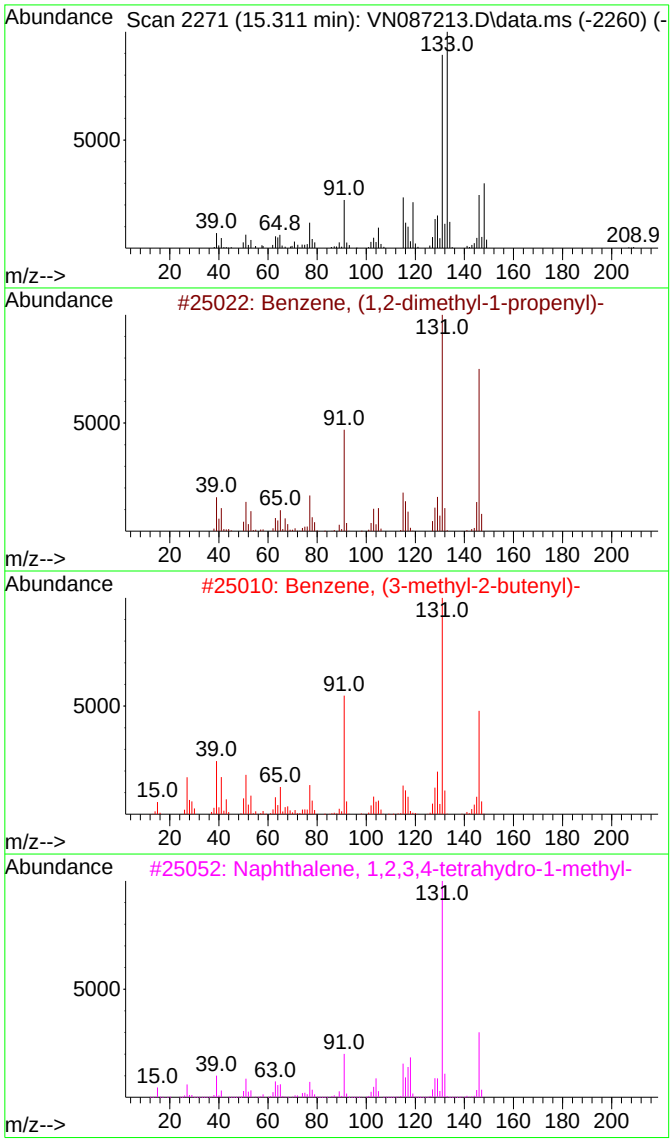
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

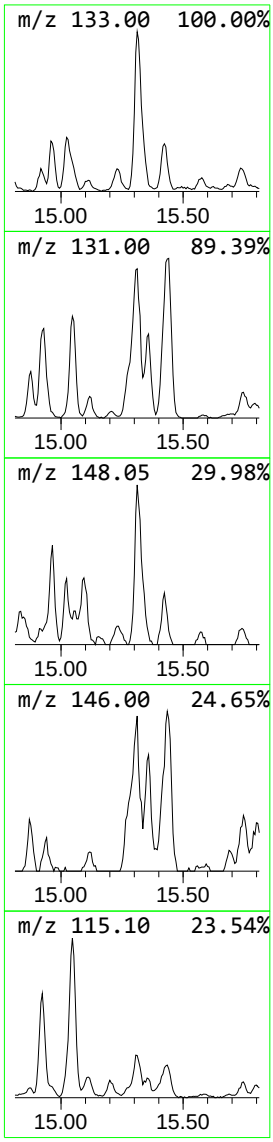
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	23.18 ug/l	375127	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50





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Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

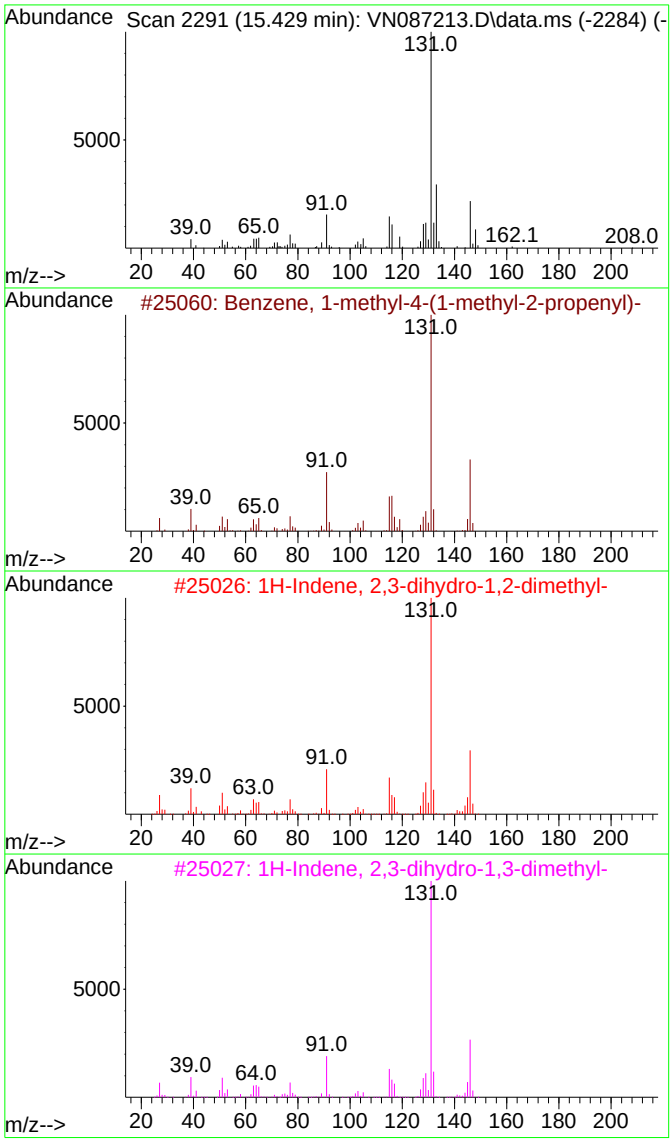
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

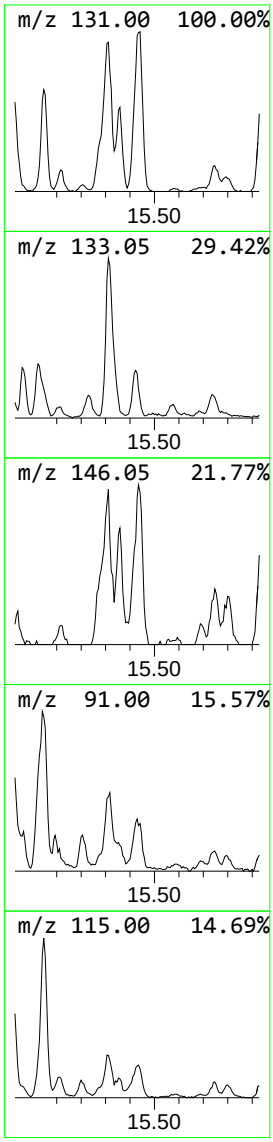
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.429	16.60 ug/l	268604	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

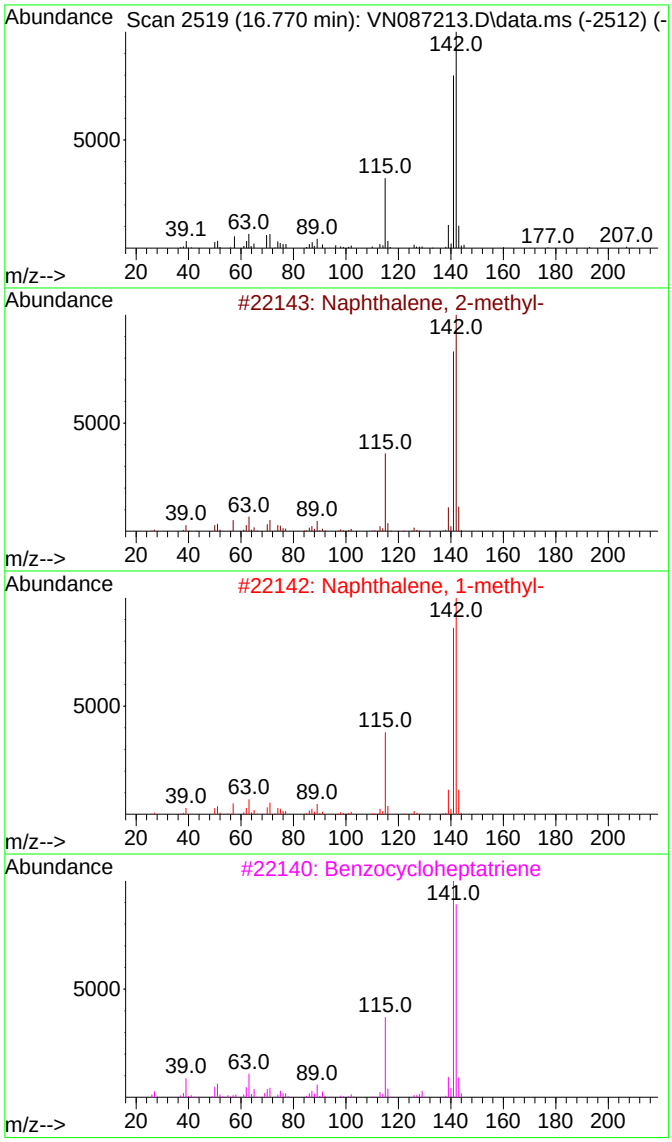
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

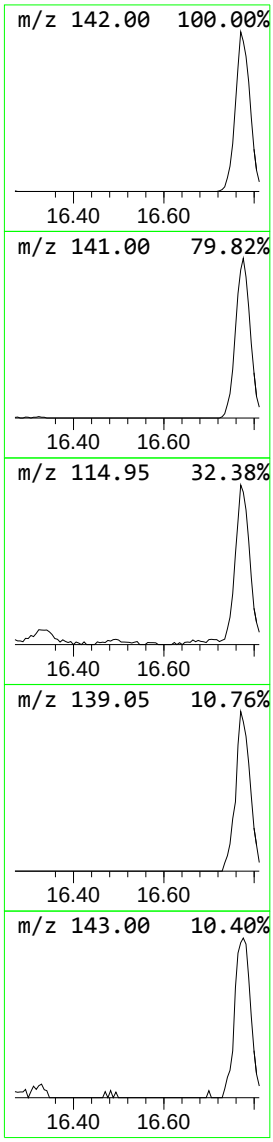
****

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.770	17.03 ug/l	275636	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087213.D
Acq On : 27 Jun 2025 12:08
Operator : JC\MD
Sample : Q2401-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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
Pentane, 3-methyl-	5.836	25.0	ug/l	281467	1	8.230	562618	50.0
Cyclopentane, m...	7.341	20.2	ug/l	227703	1	8.230	562618	50.0
Pentane, 2,3-di...	8.335	14.9	ug/l	167359	1	8.230	562618	50.0
Benzene, 1-ethy...	13.329	43.2	ug/l	698613	4	13.788	809065	50.0
Benzene, 1,4-di...	13.947	21.9	ug/l	355153	4	13.788	809065	50.0
Benzene, 4-ethy...	14.241	17.7	ug/l	286012	4	13.788	809065	50.0
Benzene, 2-ethy...	14.323	52.0	ug/l	841358	4	13.788	809065	50.0
Indan, 1-methyl-	14.441	34.5	ug/l	557968	4	13.788	809065	50.0
Benzene, 1,2,4,...	14.647	35.0	ug/l	566461	4	13.788	809065	50.0
Benzene, 1-meth...	14.688	18.4	ug/l	296935	4	13.788	809065	50.0
1H-Indene, 2,3-...	14.923	22.6	ug/l	365487	4	13.788	809065	50.0
1H-Indene, 2,3-...	15.047	50.8	ug/l	822221	4	13.788	809065	50.0
Benzene, (1,2-d...	15.311	23.2	ug/l	375127	4	13.788	809065	50.0
Benzene, 1-meth...	15.429	16.6	ug/l	268604	4	13.788	809065	50.0
Naphthalene, 2-...	16.770	17.0	ug/l	275636	4	13.788	809065	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Time: Jun 27 23:39:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

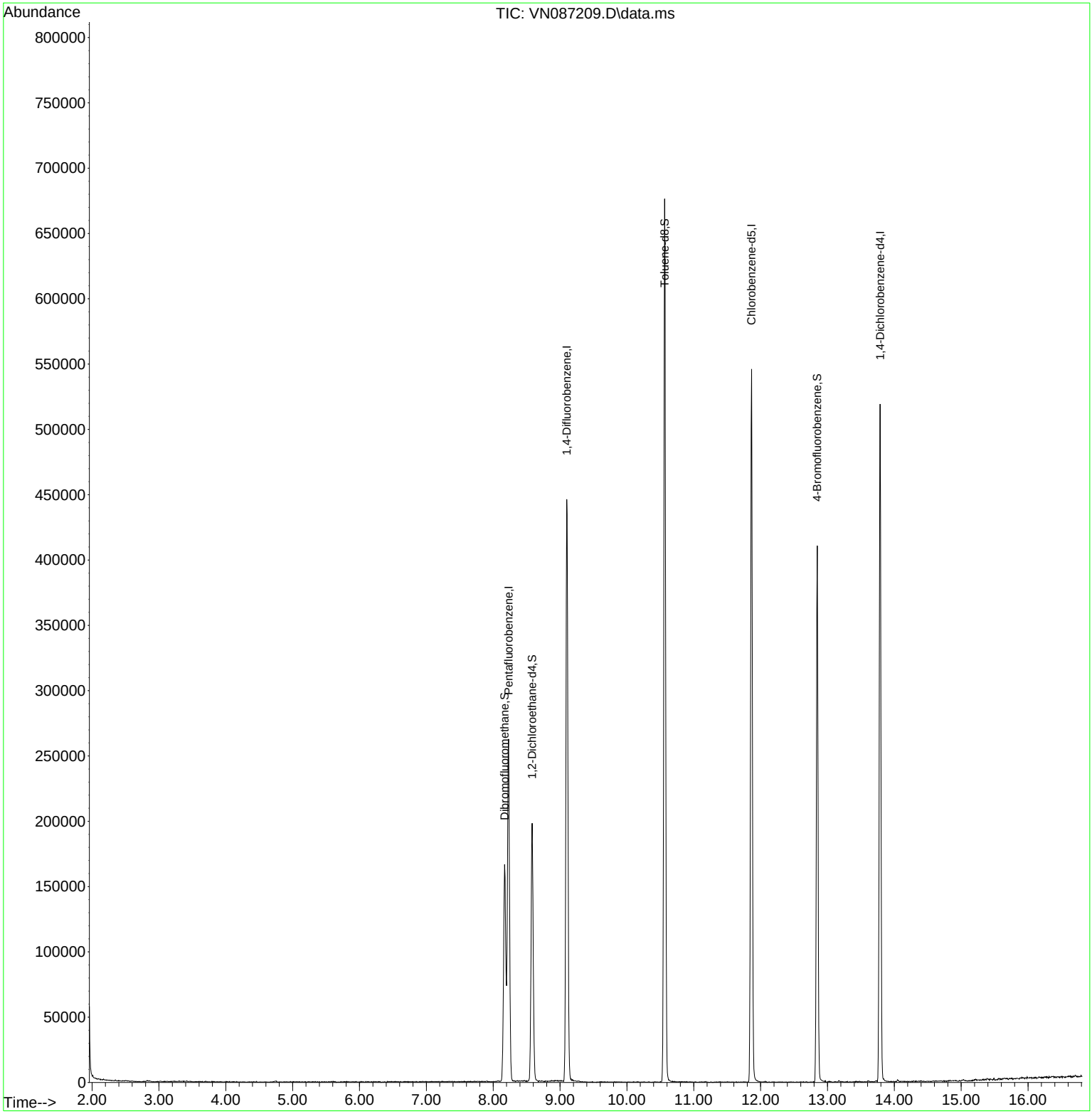
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	196165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159637	56.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.100%			
35) Dibromofluoromethane	8.171	113	125295	48.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	10.565	98	480608	45.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.140%			
62) 4-Bromofluorobenzene	12.847	95	157866	42.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.340%			
Target Compounds						Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

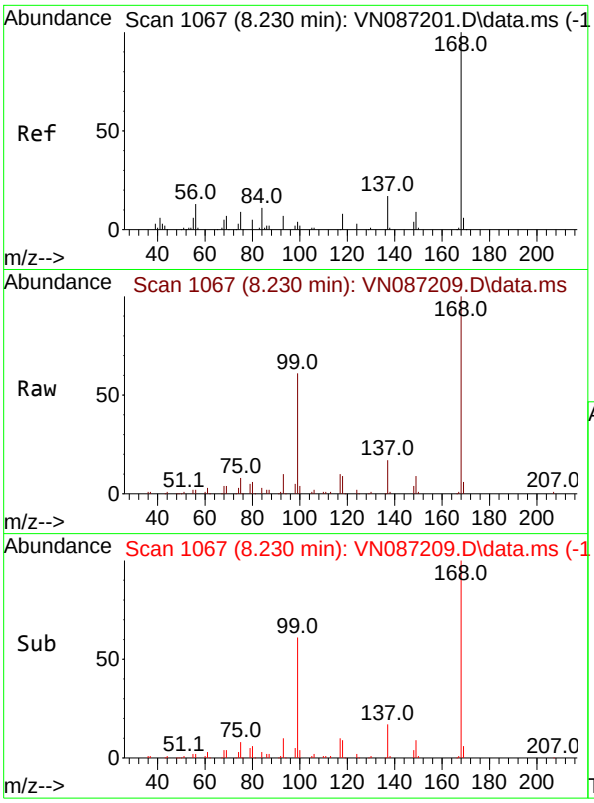
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Time: Jun 27 23:39:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration



5

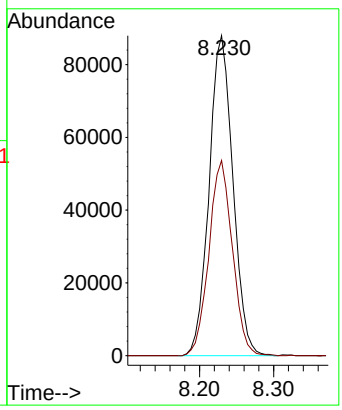
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

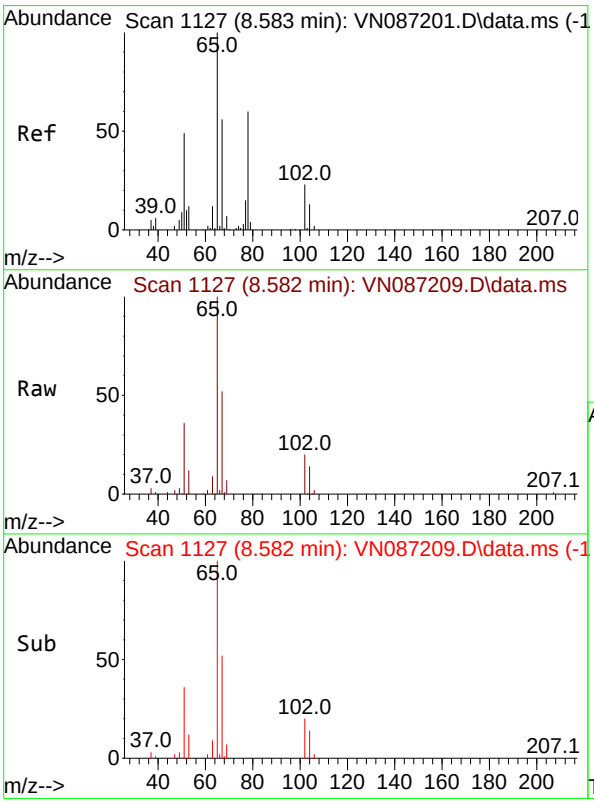


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:168 Resp: 196165

Ion	Ratio	Lower	Upper
168	100		
99	61.0	47.9	71.9

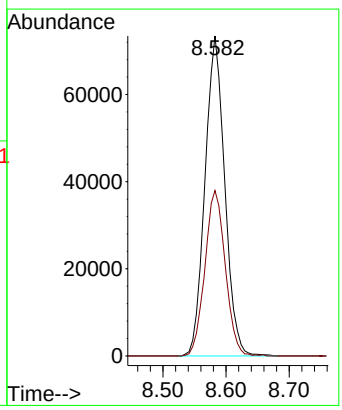


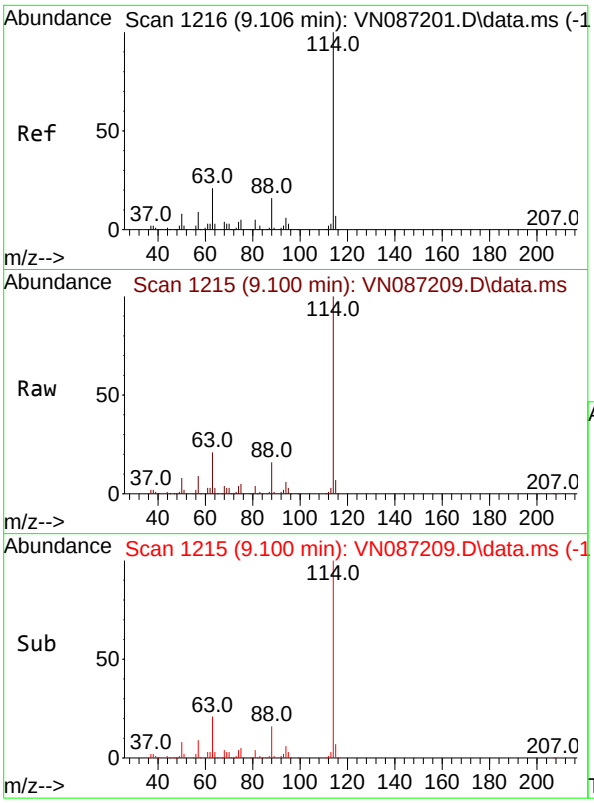


#33
1,2-Dichloroethane-d4
Concen: 56.549 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 65 Resp: 159637

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.0



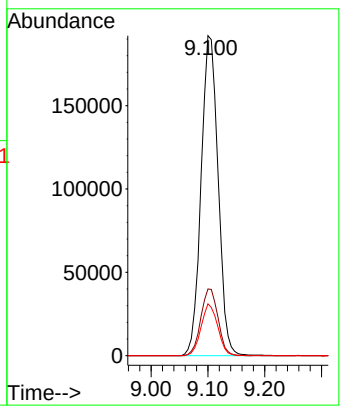


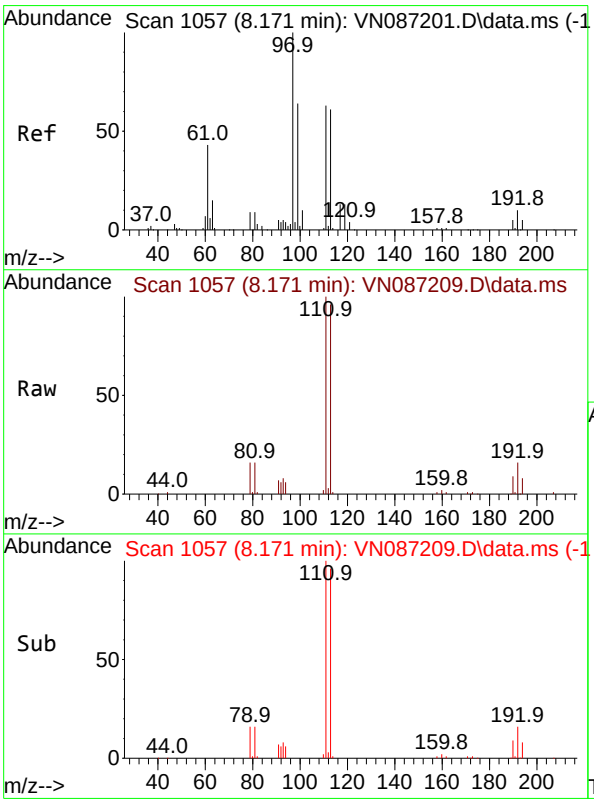
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:114 Resp: 398772

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.0
88	16.2	0.0	32.0

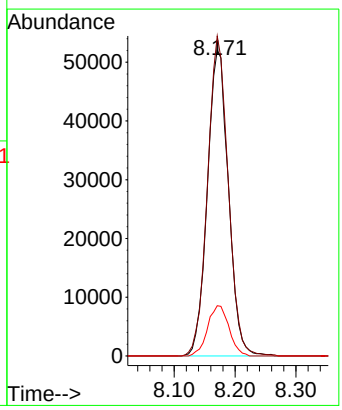


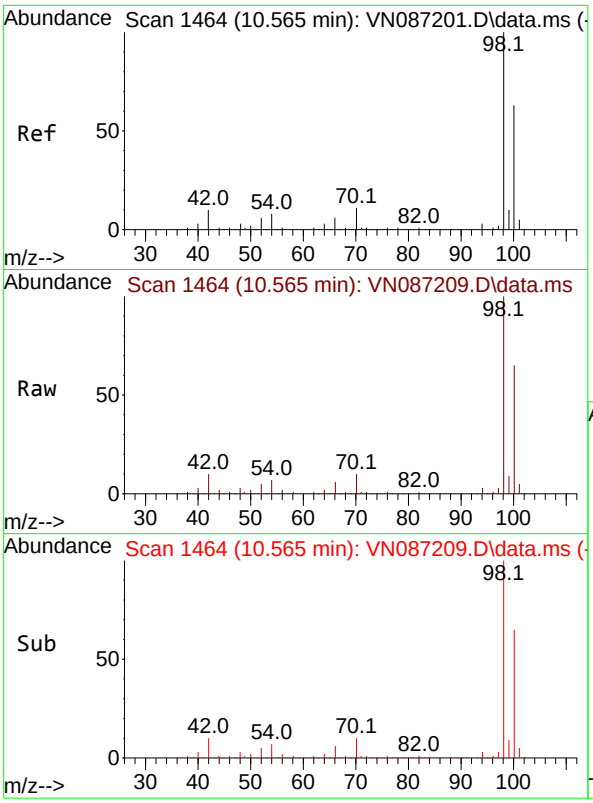


#35
Dibromofluoromethane
Concen: 48.600 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:113 Resp: 125295

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	16.7	13.5	20.3



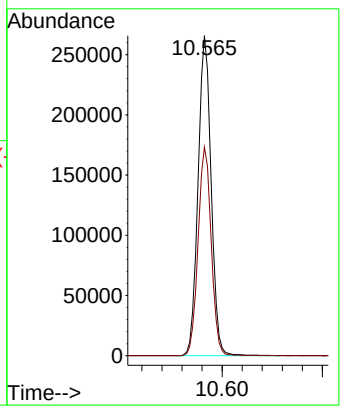


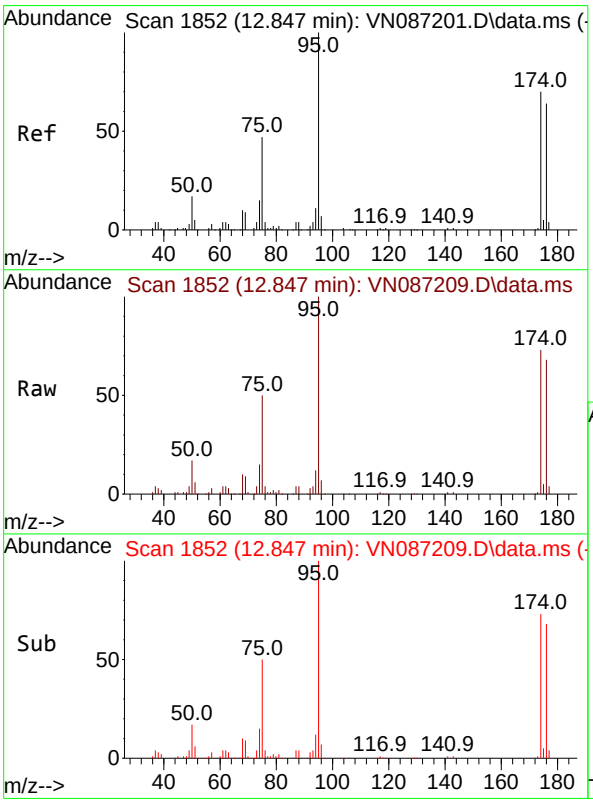
#50
Toluene-d8
Concen: 45.073 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion: 98 Resp: 480608

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1

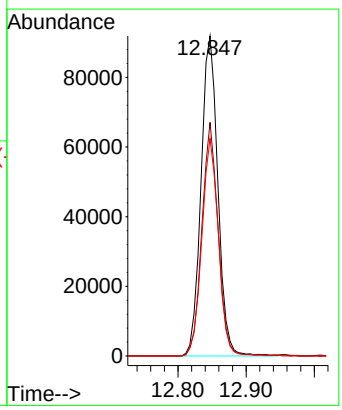


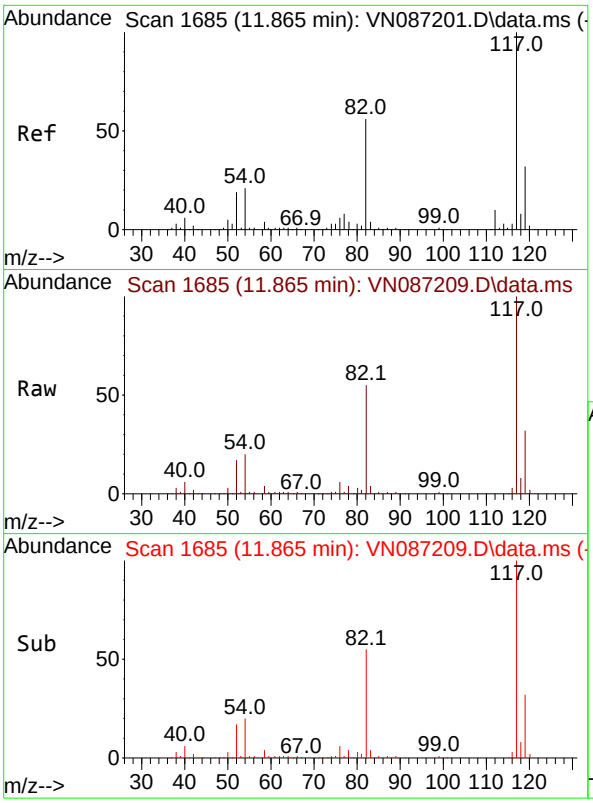


#62
4-Bromofluorobenzene
Concen: 42.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 95 Resp: 157866

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	142.2
176	66.8	0.0	134.8



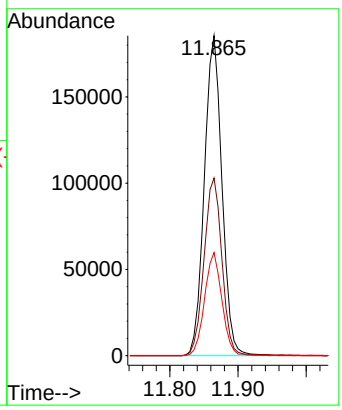


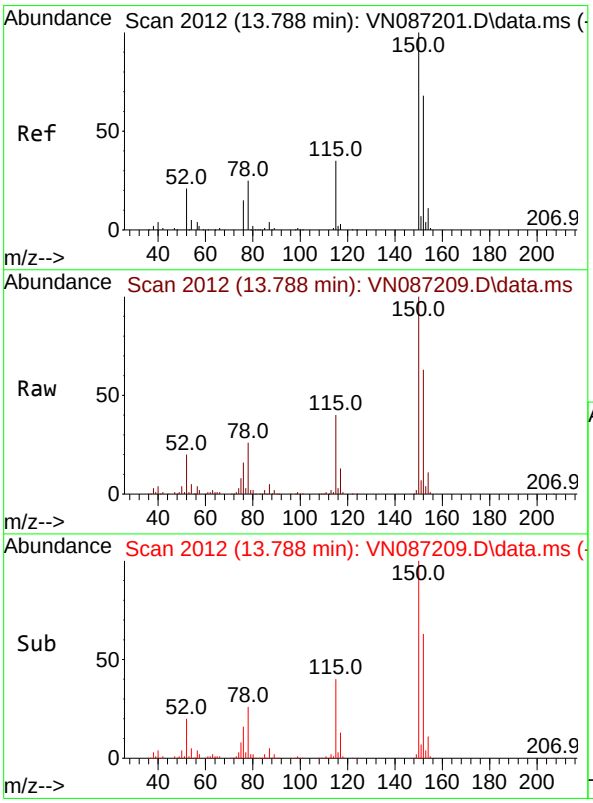
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion:117 Resp: 333801

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	32.3	25.9	38.9

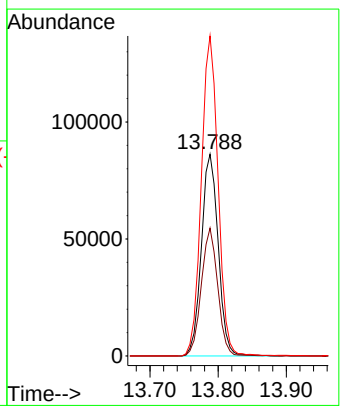




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:152 Resp: 147923

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.6	91.8
150	158.1	0.0	347.8



Sample Results: **VN087209.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

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\82N062625W.M
Title : SW846 8260

Signal : TIC: VN087209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.171	1046	1057	1062	rBV	166102	402379	32.72%	6.582%
2	8.230	1062	1067	1080	rVB	261925	570988	46.44%	9.340%
3	8.582	1114	1127	1138	rBV	197735	437589	35.59%	7.158%
4	9.100	1207	1215	1225	rBV	445750	917182	74.59%	15.003%
5	10.565	1455	1464	1474	rBV	676311	1229624	100.00%	20.114%
6	11.865	1677	1685	1701	rBV	545930	987311	80.29%	16.150%
7	12.847	1845	1852	1868	rBV	410676	689931	56.11%	11.286%
8	13.788	2005	2012	2025	rBV	518731	878303	71.43%	14.367%

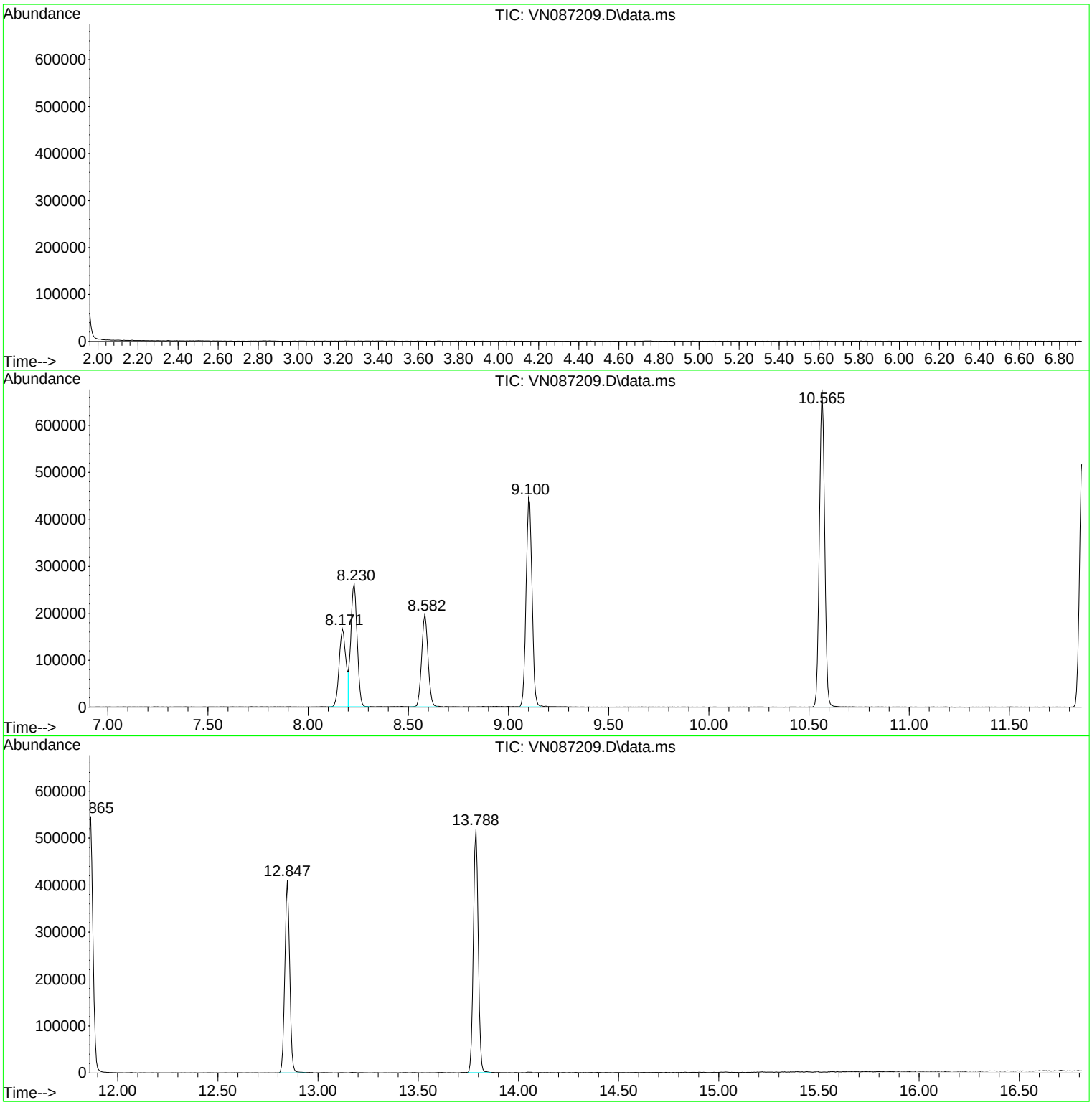
Sum of corrected areas: 6113307

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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\VN062725\
Data File : VN087209.D
Acq On : 27 Jun 2025 10:33
Operator : JC\MD
Sample : VN0627WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.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\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	8.230	168	176379	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277531	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254005	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127421	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.583	65	129924	51.186 ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%		
35) Dibromofluoromethane	8.165	113	87089	48.537 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.080%		
50) Toluene-d8	10.565	98	359431	48.435 ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.860%		
62) 4-Bromofluorobenzene	12.847	95	131062	50.898 ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.800%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.154	85	40401	18.279 ug/l	97
3) Chloromethane	2.395	50	41736	19.339 ug/l	99
4) Vinyl Chloride	2.554	62	45207	19.385 ug/l	99
5) Bromomethane	3.001	94	22155	17.702 ug/l	96
6) Chloroethane	3.159	64	20260	16.626 ug/l	100
7) Trichlorofluoromethane	3.530	101	48072	17.311 ug/l	99
8) Diethyl Ether	3.989	74	24750	20.036 ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	37879	17.451 ug/l	98
10) Methyl Iodide	4.618	142	28846	16.685 ug/l	97
11) Tert butyl alcohol	5.536	59	50773	90.785 ug/l	98
12) 1,1-Dichloroethene	4.371	96	37973	18.353 ug/l	100
13) Acrolein	4.206	56	50841	110.255 ug/l	99
14) Allyl chloride	5.053	41	64921	18.868 ug/l	95
15) Acrylonitrile	5.736	53	140762	90.580 ug/l	99
16) Acetone	4.442	43	113442	86.027 ug/l	98
17) Carbon Disulfide	4.742	76	107240	16.102 ug/l	100
18) Methyl Acetate	5.042	43	57978	18.299 ug/l	100
19) Methyl tert-butyl Ether	5.812	73	133058	18.671 ug/l	100
20) Methylene Chloride	5.301	84	42170	17.809 ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	41616	18.136 ug/l	99
22) Diisopropyl ether	6.677	45	125485	17.031 ug/l	96
23) Vinyl Acetate	6.612	43	576062	87.429 ug/l	100
24) 1,1-Dichloroethane	6.583	63	75051	17.246 ug/l	99
25) 2-Butanone	7.494	43	174955	90.914 ug/l	98
26) 2,2-Dichloropropane	7.494	77	63700	18.415 ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	45630	17.102 ug/l	99
28) Bromochloromethane	7.818	49	40129	20.977 ug/l	99
29) Tetrahydrofuran	7.847	42	120854	95.785 ug/l	97
30) Chloroform	7.971	83	74270	18.093 ug/l	98
31) Cyclohexane	8.265	56	78165	19.891 ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	57118	16.196 ug/l	99
36) 1,1-Dichloropropene	8.371	75	56912	21.655 ug/l	99
37) Ethyl Acetate	7.565	43	73302	20.289 ug/l	99
38) Carbon Tetrachloride	8.371	117	54795	21.408 ug/l	97
39) Methylcyclohexane	9.606	83	65847	20.535 ug/l	97
40) Benzene	8.612	78	178090	21.931 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	38055	22.124	ug/l		100
42) 1,2-Dichloroethane	8.671	62	57520	21.789	ug/l		99
43) Isopropyl Acetate	8.694	43	111783	23.136	ug/l		99
44) Trichloroethene	9.353	130	41825	21.512	ug/l		99
45) 1,2-Dichloropropane	9.624	63	43514	20.789	ug/l		100
46) Dibromomethane	9.712	93	29227	20.605	ug/l		96
47) Bromodichloromethane	9.888	83	55279	19.404	ug/l		97
48) Methyl methacrylate	9.683	41	50189	21.485	ug/l		98
49) 1,4-Dioxane	9.700	88	14086	352.762	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.447	43	332379	93.208	ug/l		100
52) Toluene	10.630	92	96088	18.509	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	60838	19.153	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	65561	19.398	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	35678	18.172	ug/l		98
56) Ethyl methacrylate	10.882	69	56615	16.678	ug/l		96
57) 1,3-Dichloropropane	11.159	76	63597	18.334	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	189220	103.629	ug/l		100
59) 2-Hexanone	11.206	43	165430	76.962	ug/l		95
60) Dibromochloromethane	11.359	129	36879	17.272	ug/l		100
61) 1,2-Dibromoethane	11.471	107	35831	17.265	ug/l		96
64) Tetrachloroethene	11.100	164	29331	18.867	ug/l		96
65) Chlorobenzene	11.888	112	107023	18.996	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32683	18.161	ug/l		100
67) Ethyl Benzene	11.959	91	177048	18.842	ug/l		97
68) m/p-Xylenes	12.065	106	138041	38.395	ug/l		100
69) o-Xylene	12.394	106	65286	19.975	ug/l		100
70) Styrene	12.406	104	110803	19.752	ug/l		99
71) Bromoform	12.576	173	26201	19.618	ug/l	#	99
73) Isopropylbenzene	12.688	105	172494	19.997	ug/l		99
74) N-amyl acetate	12.553	43	65201m	20.314	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	58716	18.899	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	54898m	19.311	ug/l		
77) Bromobenzene	12.976	156	39849	19.009	ug/l		99
78) n-propylbenzene	13.029	91	203077	19.114	ug/l		99
79) 2-Chlorotoluene	13.124	91	124697	18.854	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	142481	20.009	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	22171	17.503	ug/l	#	90
82) 4-Chlorotoluene	13.218	91	130845	19.845	ug/l		98
83) tert-Butylbenzene	13.435	119	119843	19.593	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	139230	19.269	ug/l		100
85) sec-Butylbenzene	13.612	105	174148	19.325	ug/l		99
86) p-Isopropyltoluene	13.723	119	141473	19.141	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	75821	17.973	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	78379	18.071	ug/l		98
89) n-Butylbenzene	14.053	91	138923	20.230	ug/l		99
90) Hexachloroethane	14.329	117	27474	19.208	ug/l		98
91) 1,2-Dichlorobenzene	14.100	146	74893	18.850	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13750	19.388	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	42662	19.288	ug/l		98
94) Hexachlorobutadiene	15.494	225	14132	20.254	ug/l		98
95) Naphthalene	15.635	128	167050	19.908	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	42697	19.551	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

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

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

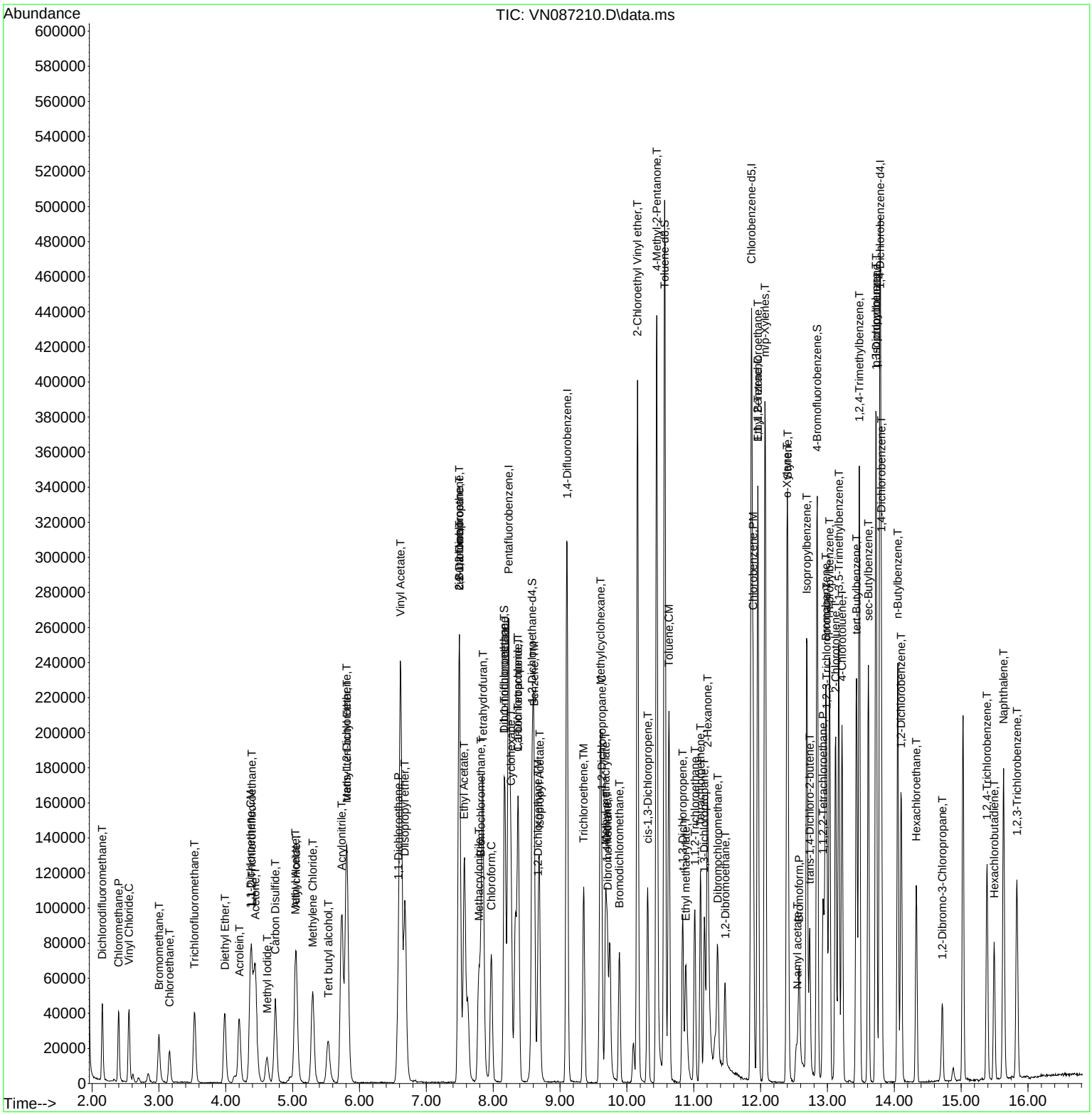
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087210.D
Acq On : 27 Jun 2025 10:53
Operator : JC\MD
Sample : VN0627WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 27 23:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	143301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101264	49.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.200%			
35) Dibromofluoromethane	8.177	113	91710	56.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.520%			
50) Toluene-d8	10.565	98	320853	48.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.040%			
62) 4-Bromofluorobenzene	12.847	95	115299	49.726	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	36856	20.524	ug/l	95
3) Chloromethane	2.395	50	38699	22.071	ug/l	98
4) Vinyl Chloride	2.554	62	36076	19.041	ug/l	98
5) Bromomethane	3.001	94	21735	21.376	ug/l	100
6) Chloroethane	3.159	64	20281	20.485	ug/l #	86
7) Trichlorofluoromethane	3.530	101	48344	21.428	ug/l	100
8) Diethyl Ether	3.983	74	24375	24.288	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.406	101	34695	20.049	ug/l	99
10) Methyl Iodide	4.618	142	28322	20.163	ug/l	98
11) Tert butyl alcohol	5.536	59	49082	108.019	ug/l	99
12) 1,1-Dichloroethene	4.371	96	34626	20.598	ug/l	96
13) Acrolein	4.201	56	50036	133.557	ug/l	99
14) Allyl chloride	5.048	41	60070	21.644	ug/l	97
15) Acrylonitrile	5.736	53	136772	110.153	ug/l	100
16) Acetone	4.448	43	114156	110.279	ug/l	96
17) Carbon Disulfide	4.742	76	108684	20.924	ug/l	99
18) Methyl Acetate	5.042	43	56875	22.306	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	130557	22.548	ug/l	100
20) Methylene Chloride	5.300	84	41291	21.875	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	38074	20.422	ug/l	97
22) Diisopropyl ether	6.683	45	135402	22.619	ug/l	98
23) Vinyl Acetate	6.606	43	566985	105.915	ug/l	99
24) 1,1-Dichloroethane	6.589	63	73185	20.700	ug/l	99
25) 2-Butanone	7.489	43	164325	105.101	ug/l	98
26) 2,2-Dichloropropane	7.494	77	56422	20.076	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	41318	19.061	ug/l	99
28) Bromochloromethane	7.824	49	36800	23.677	ug/l	99
29) Tetrahydrofuran	7.847	42	118780	115.872	ug/l	97
30) Chloroform	7.971	83	72296	21.678	ug/l	95
31) Cyclohexane	8.259	56	47081	14.747	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	58399	20.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	40734	17.213	ug/l	99
37) Ethyl Acetate	7.571	43	56531	17.032	ug/l	98
38) Carbon Tetrachloride	8.371	117	42465	18.425	ug/l	98
39) Methylcyclohexane	9.606	83	47109	16.316	ug/l	95
40) Benzene	8.612	78	125083	17.106	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	36611	23.638	ug/l		98
42) 1,2-Dichloroethane	8.677	62	44863	18.873	ug/l		100
43) Isopropyl Acetate	8.694	43	78742	18.099	ug/l		99
44) Trichloroethene	9.353	130	31163	17.800	ug/l		95
45) 1,2-Dichloropropane	9.624	63	30669	16.272	ug/l		97
46) Dibromomethane	9.712	93	23645	18.512	ug/l		97
47) Bromodichloromethane	9.888	83	45729	17.827	ug/l		97
48) Methyl methacrylate	9.683	41	35732	16.987	ug/l	#	90
49) 1,4-Dioxane	9.700	88	10686	298.697	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.447	43	263150	81.498	ug/l		96
52) Toluene	10.630	92	86864	18.582	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	63340	22.145	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	53193	17.478	ug/l	#	87
55) 1,1,2-Trichloroethane	11.012	97	38786	21.939	ug/l		100
56) Ethyl methacrylate	10.882	69	63451	20.913	ug/l		97
57) 1,3-Dichloropropane	11.159	76	66685	21.350	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	144165	87.066	ug/l		96
59) 2-Hexanone	11.206	43	177301	91.603	ug/l		100
60) Dibromochloromethane	11.359	129	37260	19.379	ug/l		99
61) 1,2-Dibromoethane	11.471	107	34907	18.679	ug/l		99
64) Tetrachloroethene	11.100	164	29051	19.873	ug/l		97
65) Chlorobenzene	11.894	112	96423	18.201	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30859	18.237	ug/l		99
67) Ethyl Benzene	11.965	91	163188	18.470	ug/l		100
68) m/p-Xylenes	12.071	106	128116	37.897	ug/l		99
69) o-Xylene	12.394	106	62780	20.428	ug/l		98
70) Styrene	12.412	104	106444	20.179	ug/l		98
71) Bromoform	12.576	173	23780	18.936	ug/l	#	100
73) Isopropylbenzene	12.694	105	149786	18.622	ug/l		100
74) N-amyl acetate	12.541	43	58379m	19.506	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.935	83	54490	18.809	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	46772m	17.644	ug/l		
77) Bromobenzene	12.976	156	36175	18.506	ug/l		98
78) n-propylbenzene	13.035	91	182433	18.415	ug/l		99
79) 2-Chlorotoluene	13.123	91	112427	18.230	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	125687	18.928	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	21444	18.155	ug/l		94
82) 4-Chlorotoluene	13.218	91	115798	18.835	ug/l		99
83) tert-Butylbenzene	13.435	119	107656	18.875	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	126735	18.810	ug/l		99
85) sec-Butylbenzene	13.612	105	161999	19.278	ug/l		99
86) p-Isopropyltoluene	13.723	119	135937	19.724	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	72752	18.495	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	75052	18.557	ug/l		96
89) n-Butylbenzene	14.053	91	124059	19.374	ug/l		99
90) Hexachloroethane	14.329	117	26366	19.768	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	71576	19.320	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12522	18.935	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	41904	20.317	ug/l		99
94) Hexachlorobutadiene	15.494	225	12068	18.548	ug/l		95
95) Naphthalene	15.635	128	151413	19.351	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	36451	17.900	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

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

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

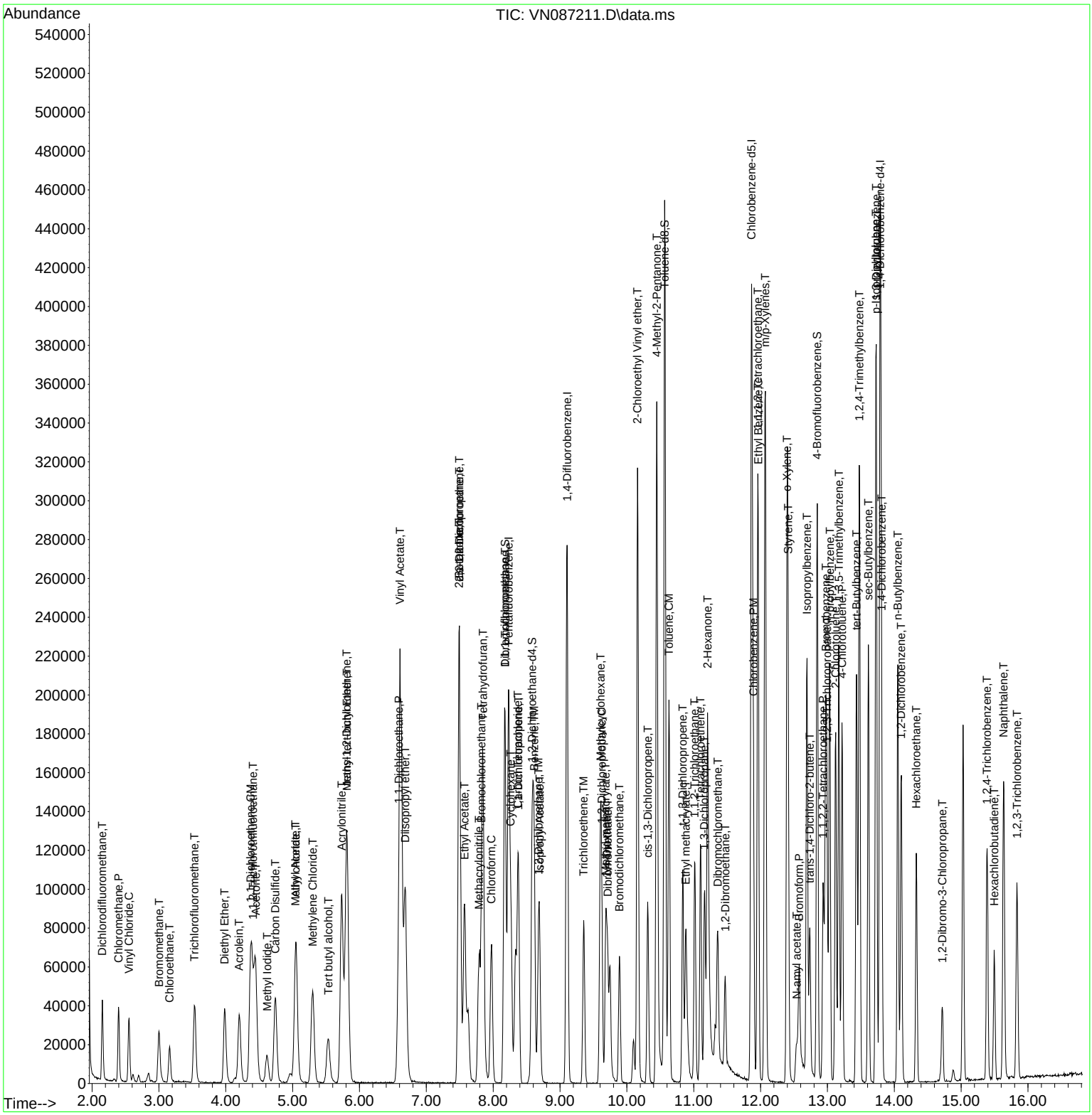
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



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

Manual Integration Report

Sequence:	vn062625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087181.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:42:56 AM	MMDadoda	6/27/2025 10:43:05 AM	Peak Integrated by Software
VSTDCCC050	VN087181.D	N-amyl acetate	JOHN	6/27/2025 8:42:56 AM	MMDadoda	6/27/2025 10:43:05 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	1,4-Dichlorobenzene	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	2-Hexanone	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	Ethyl methacrylate	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC001	VN087198.D	N-amyl acetate	JOHN	6/27/2025 8:44:24 AM	MMDadoda	6/27/2025 10:43:38 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	2-Hexanone	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC005	VN087199.D	N-amyl acetate	JOHN	6/27/2025 8:44:29 AM	MMDadoda	6/27/2025 10:43:46 AM	Peak Integrated by Software
VSTDICC020	VN087200.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:37 AM	MMDadoda	6/27/2025 10:43:52 AM	Peak Integrated by Software
VSTDICC020	VN087200.D	N-amyl acetate	JOHN	6/27/2025 8:44:37 AM	MMDadoda	6/27/2025 10:43:52 AM	Peak Integrated by Software
VSTDICCC050	VN087201.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:41 AM	MMDadoda	6/27/2025 10:44:01 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn062625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087202.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:47 AM	MMDadoda	6/27/2025 10:44:10 AM	Peak Integrated by Software
VSTDICC150	VN087203.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:51 AM	MMDadoda	6/27/2025 10:44:19 AM	Peak Integrated by Software
VSTDICV050	VN087205.D	1,2,3-Trichloropropane	JOHN	6/27/2025 8:44:56 AM	MMDadoda	6/27/2025 10:44:26 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN062725	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087207.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:13 AM	Sam	6/30/2025 8:24:44 AM	Peak Integrated by Software
VSTDCCC050	VN087207.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:13 AM	Sam	6/30/2025 8:24:44 AM	Peak Integrated by Software
VN0627WBS01	VN087210.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:46 AM	Peak Integrated by Software
VN0627WBS01	VN087210.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:46 AM	Peak Integrated by Software
VN0627WBSD01	VN087211.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:15 AM	Sam	6/30/2025 8:24:47 AM	Peak Integrated by Software
VN0627WBSD01	VN087211.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:15 AM	Sam	6/30/2025 8:24:47 AM	Peak Integrated by Software
Q2401-01	VN087213.D	n-Butylbenzene	mmdadoda	6/30/2025 8:22:16 AM	Sam	6/30/2025 8:24:49 AM	Peak Integrated by Software
VSTDCCC050	VN087233.D	1,2,3-Trichloropropane	mmdadoda	6/30/2025 8:22:18 AM	Sam	6/30/2025 8:24:50 AM	Peak Integrated by Software
VSTDCCC050	VN087233.D	N-amyl acetate	mmdadoda	6/30/2025 8:22:18 AM	Sam	6/30/2025 8:24:50 AM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087180.D	26 Jun 2025 08:40	JC\MD	Ok
2	VSTDCCC050	VN087181.D	26 Jun 2025 09:50	JC\MD	Ok,M
3	VN0626WBL01	VN087182.D	26 Jun 2025 10:25	JC\MD	Ok
4	VN0626MBL01	VN087183.D	26 Jun 2025 10:46	JC\MD	Ok
5	VN0626WBS01	VN087184.D	26 Jun 2025 11:07	JC\MD	Ok,M
6	Q2386-02	VN087185.D	26 Jun 2025 11:40	JC\MD	Ok
7	PB168572TB	VN087186.D	26 Jun 2025 12:01	JC\MD	Ok
8	VN0626WBSD01	VN087187.D	26 Jun 2025 12:22	JC\MD	Ok,M
9	Q2388-04	VN087188.D	26 Jun 2025 12:44	JC\MD	Ok
10	Q2389-04	VN087189.D	26 Jun 2025 13:05	JC\MD	Ok
11	Q2391-01	VN087190.D	26 Jun 2025 13:26	JC\MD	Ok
12	Q2394-04	VN087191.D	26 Jun 2025 13:47	JC\MD	Ok
13	Q2399-04	VN087192.D	26 Jun 2025 14:08	JC\MD	Ok
14	Q2399-08	VN087193.D	26 Jun 2025 14:29	JC\MD	ReRun
15	Q2405-04	VN087194.D	26 Jun 2025 14:49	JC\MD	Ok
16	Q2409-01	VN087195.D	26 Jun 2025 15:10	JC\MD	Ok
17	VN0626WBS02	VN087196.D	26 Jun 2025 15:31	JC\MD	Not Ok
18	BFB	VN087197.D	26 Jun 2025 16:13	JC\MD	Ok
19	VSTDICC001	VN087198.D	26 Jun 2025 16:34	JC\MD	Ok,M
20	VSTDICC005	VN087199.D	26 Jun 2025 17:15	JC\MD	Ok,M
21	VSTDICC020	VN087200.D	26 Jun 2025 17:36	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDICCC050	VN087201.D	26 Jun 2025 17:57	JC\MD	Ok,M
23	VSTDICC100	VN087202.D	26 Jun 2025 18:18	JC\MD	Ok,M
24	VSTDICC150	VN087203.D	26 Jun 2025 18:39	JC\MD	Ok,M
25	IBLK	VN087204.D	26 Jun 2025 18:59	JC\MD	Ok
26	VSTDICV050	VN087205.D	26 Jun 2025 19:20	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087206.D	27 Jun 2025 08:09	JC\MD	Ok
2	VSTDCCC050	VN087207.D	27 Jun 2025 09:38	JC\MD	Ok,M
3	VN0627MBL01	VN087208.D	27 Jun 2025 10:12	JC\MD	Ok
4	VN0627WBL01	VN087209.D	27 Jun 2025 10:33	JC\MD	Ok
5	VN0627WBS01	VN087210.D	27 Jun 2025 10:53	JC\MD	Ok,M
6	VN0627WBSD01	VN087211.D	27 Jun 2025 11:27	JC\MD	Ok,M
7	Q2399-08	VN087212.D	27 Jun 2025 11:48	JC\MD	Ok
8	Q2401-01	VN087213.D	27 Jun 2025 12:08	JC\MD	Ok,M
9	Q2418-01	VN087214.D	27 Jun 2025 12:29	JC\MD	Not Ok
10	PB168627TB	VN087215.D	27 Jun 2025 12:49	JC\MD	Ok
11	Q2414-04	VN087216.D	27 Jun 2025 13:10	JC\MD	ReRun
12	Q2415-04	VN087217.D	27 Jun 2025 13:31	JC\MD	Ok
13	Q2416-04	VN087218.D	27 Jun 2025 13:51	JC\MD	Ok
14	Q2420-02	VN087219.D	27 Jun 2025 14:12	JC\MD	Ok
15	Q2429-04	VN087220.D	27 Jun 2025 14:32	JC\MD	Ok
16	Q2430-04	VN087221.D	27 Jun 2025 14:53	JC\MD	ReRun
17	IBLK	VN087222.D	27 Jun 2025 15:14	JC\MD	Ok
18	Q2437-01	VN087223.D	27 Jun 2025 15:35	JC\MD	Ok
19	Q2437-02	VN087224.D	27 Jun 2025 15:56	JC\MD	Ok
20	Q2437-03	VN087225.D	27 Jun 2025 16:17	JC\MD	Ok
21	Q2437-04	VN087226.D	27 Jun 2025 16:38	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2366-01	VN087227.D	27 Jun 2025 17:00	JC\MD	Ok
23	IBLK	VN087228.D	27 Jun 2025 17:21	JC\MD	Ok
24	IBLK	VN087229.D	27 Jun 2025 17:42	JC\MD	Ok
25	Q2418-01	VN087230.D	27 Jun 2025 18:03	JC\MD	Ok
26	Q2414-04	VN087231.D	27 Jun 2025 18:25	JC\MD	Ok
27	Q2430-04RE	VN087232.D	27 Jun 2025 18:46	JC\MD	Confirms
28	VSTDCCC050	VN087233.D	27 Jun 2025 19:07	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
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	VN087180.D	26 Jun 2025 08:40		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087181.D	26 Jun 2025 09:50	pH#Lot#V12668	JC\MD	Ok,M
3	VN0626WBL01	VN0626WBL01	VN087182.D	26 Jun 2025 10:25		JC\MD	Ok
4	VN0626MBL01	VN0626MBL01	VN087183.D	26 Jun 2025 10:46		JC\MD	Ok
5	VN0626WBS01	VN0626WBS01	VN087184.D	26 Jun 2025 11:07		JC\MD	Ok,M
6	Q2386-02	SU-1-062025	VN087185.D	26 Jun 2025 11:40	vial A pH#5.0	JC\MD	Ok
7	PB168572TB	PB168572TB	VN087186.D	26 Jun 2025 12:01		JC\MD	Ok
8	VN0626WBSD01	VN0626WBSD01	VN087187.D	26 Jun 2025 12:22		JC\MD	Ok,M
9	Q2388-04	TP-12	VN087188.D	26 Jun 2025 12:44	vial A pH#5.0	JC\MD	Ok
10	Q2389-04	MH-J-I	VN087189.D	26 Jun 2025 13:05	vial A pH#5.0	JC\MD	Ok
11	Q2391-01	AUD-1623	VN087190.D	26 Jun 2025 13:26	vial A pH#5.0	JC\MD	Ok
12	Q2394-04	MH-K/L	VN087191.D	26 Jun 2025 13:47	vial A pH#5.0	JC\MD	Ok
13	Q2399-04	TP-13	VN087192.D	26 Jun 2025 14:08	vial A pH#5.0	JC\MD	Ok
14	Q2399-08	EP-7	VN087193.D	26 Jun 2025 14:29	vial A pH#5.0;Surrogate Fail	JC\MD	ReRun
15	Q2405-04	MH-M/N	VN087194.D	26 Jun 2025 14:49	vial A pH#5.0	JC\MD	Ok
16	Q2409-01	COP-SOIL-PILE	VN087195.D	26 Jun 2025 15:10	vial A pH#5.0	JC\MD	Ok
17	VN0626WBS02	VN0626WBS02	VN087196.D	26 Jun 2025 15:31	Not Required	JC\MD	Not Ok
18	BFB	BFB	VN087197.D	26 Jun 2025 16:13		JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062625

Review By	John Carlone	Review On	6/27/2025 8:47:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/27/2025 10:44:46 AM		
SubDirectory	VN062625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134526,VP134529
Initial Calibration Stds	
CCC	VP134527,VP134528
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDICC001	VSTDICC001	VN087198.D	26 Jun 2025 16:34	Method failed for com.#08	JC\MD	Ok,M
20	VSTDICC005	VSTDICC005	VN087199.D	26 Jun 2025 17:15	LR-9,14,15,16,17,18,20,37,56,58	JC\MD	Ok,M
21	VSTDICC020	VSTDICC020	VN087200.D	26 Jun 2025 17:36	QR- 49,51	JC\MD	Ok,M
22	VSTDICCC050	VSTDICCC050	VN087201.D	26 Jun 2025 17:57		JC\MD	Ok,M
23	VSTDICC100	VSTDICC100	VN087202.D	26 Jun 2025 18:18		JC\MD	Ok,M
24	VSTDICC150	VSTDICC150	VN087203.D	26 Jun 2025 18:39		JC\MD	Ok,M
25	IBLK	IBLK	VN087204.D	26 Jun 2025 18:59		JC\MD	Ok
26	VSTDICV050	ICVVN062625	VN087205.D	26 Jun 2025 19:20		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087206.D	27 Jun 2025 08:09		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087207.D	27 Jun 2025 09:38	pH#Lot#V12668	JC\MD	Ok,M
3	VN0627MBL01	VN0627MBL01	VN087208.D	27 Jun 2025 10:12		JC\MD	Ok
4	VN0627WBL01	VN0627WBL01	VN087209.D	27 Jun 2025 10:33		JC\MD	Ok
5	VN0627WBS01	VN0627WBS01	VN087210.D	27 Jun 2025 10:53		JC\MD	Ok,M
6	VN0627WBSD01	VN0627WBSD01	VN087211.D	27 Jun 2025 11:27	BSD Failed Low for com.#31,45	JC\MD	Ok,M
7	Q2399-08	EP-7	VN087212.D	27 Jun 2025 11:48	vial B pH#5.0	JC\MD	Ok
8	Q2401-01	MW2	VN087213.D	27 Jun 2025 12:08	vial B pH<2	JC\MD	Ok,M
9	Q2418-01	VAC-TRUCK-4074	VN087214.D	27 Jun 2025 12:29		JC\MD	Not Ok
10	PB168627TB	PB168627TB	VN087215.D	27 Jun 2025 12:49		JC\MD	Ok
11	Q2414-04	WC-1	VN087216.D	27 Jun 2025 13:10	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
12	Q2415-04	WC-1	VN087217.D	27 Jun 2025 13:31	vial A pH#5.0	JC\MD	Ok
13	Q2416-04	MH-G/H	VN087218.D	27 Jun 2025 13:51	vial A pH#5.0	JC\MD	Ok
14	Q2420-02	72-11933	VN087219.D	27 Jun 2025 14:12	vial A pH#5.0	JC\MD	Ok
15	Q2429-04	TP-4	VN087220.D	27 Jun 2025 14:32	vial A pH#5.0	JC\MD	Ok
16	Q2430-04	MH-E/F	VN087221.D	27 Jun 2025 14:53	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
17	IBLK	IBLK	VN087222.D	27 Jun 2025 15:14		JC\MD	Ok
18	Q2437-01	STORAGE-BLANK-SO	VN087223.D	27 Jun 2025 15:35	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN062725

Review By	Mahesh Dadoda	Review On	6/30/2025 8:22:25 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/30/2025 8:25:11 AM		
SubDirectory	VN062725	HP Acquire Method		HP Processing Method	82N062625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134545
Initial Calibration Stds	VP134548,VP134549,VP134550,VP134551,VP134552,VP134553
CCC	VP134546,VP134547
Internal Standard/PEM	
ICV/I.BLK	VP134554
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2437-02	STORAGE-BLANK-WA	VN087224.D	27 Jun 2025 15:56	vial A pH<2	JC\MD	Ok
20	Q2437-03	STORAGE-BLANK-WA	VN087225.D	27 Jun 2025 16:17	vial A pH<2	JC\MD	Ok
21	Q2437-04	STORAGE-BLANK-SAI	VN087226.D	27 Jun 2025 16:38	vial A pH<2	JC\MD	Ok
22	Q2366-01	250528063-02-VOA	VN087227.D	27 Jun 2025 17:00	vial C pH#6.0	JC\MD	Ok
23	IBLK	IBLK	VN087228.D	27 Jun 2025 17:21		JC\MD	Ok
24	IBLK	IBLK	VN087229.D	27 Jun 2025 17:42		JC\MD	Ok
25	Q2418-01	VAC-TRUCK-4074	VN087230.D	27 Jun 2025 18:03	vial A pH<2 turbid sample	JC\MD	Ok
26	Q2414-04	WC-1	VN087231.D	27 Jun 2025 18:25	vial B pH#5.0	JC\MD	Ok
27	Q2430-04RE	MH-E/FRE	VN087232.D	27 Jun 2025 18:46	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
28	VSTDCCC050	VSTDCCC050EC	VN087233.D	27 Jun 2025 19:07		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2401	**OrderDate:**	6/24/2025 7:56:23 AM
Client:	G Environmental	**Project:**	Laurel
Contact:	Gary Landis	**Location:**	A41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2401-01	**MW2**	**Water**			**06/23/25**			**06/23/25**
			VOCMS Group1	8260-Low			06/27/25	

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q2401
QUOTE NO.
COC Number 2046402

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY: Secaucus STATE: NJ ZIP: 07096
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY: Secaucus STATE: NJ ZIP: 07096
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other
X EDD FORMAT: Excel edd, pdf

ANALYSIS

1: TCL VOCs, TBA, MTBE

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW2	GW		X	6/23/25	1145	2	X									
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

HCl

← 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.		6/23/25	1435 6-23-25
2.			
3.			

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

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2401 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/24/2025 7:56:23 AM
Project Name : Laurel
Receive DateTime : 6/23/2025 2:35:00 PM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2401-01	MW2	Water	06/23/2025	11:45	VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : [signature]
Date / Time : 6/24/25 1115

Received By : [signature]
Date / Time : 06/24/25 11:15
Storage Area : VOA Refridgerator Room