DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : - ANN

Laboratory Sample ID(s) : Q3274 Sampling Date(s) : 10/01/2025

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

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

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

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Cover Page

Order ID : Q3274

Project ID : ANN

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3274-01	MW4
Q3274-02	MW5

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

Signature : _____

Date: 10/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: ANN
Project # N/A
Order ID # Q3274
Test Name: VOC-TCLVOA-10,SVOCMS Group1

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

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOCMS Group1. This data package contains results for VOC-TCLVOA-10(8260D),SVOCMS Group1(8270E).

C. Analytical Techniques:
VOC-TCLVOA-10 : 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 VOC-TCLVOA-10 was based on method 8260D.

SVOCMS Group1 : The samples were analyzed on instrument BNA_G using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD were met for all analysis except following

VOC-TCLVOA-10 : The RPD for {VN1003WBSD01} with File ID: VN088025.D met criteria except for 1,1,2-Trichlorotrifluoroethane[17%], Bromomethane[40%] due to difference in results of BS and BSD.

SVOCMS Group1 : The RPD for {PB169973BSD} with File ID: BG064490.D met criteria except for 4-Chloroaniline[21%], due to difference in results of BS and BSD.

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The Blank Spike met requirements for all compounds except following
SVOCMS Group1 : The Blank Spike for {PB169973BS} with File ID: BG064489.D met requirements for all compounds except for 3,3-Dichlorobenzidine[61%], 3-Nitroaniline[60%] and 4-Chloroaniline[38%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate met requirements for all compounds except following
SVOCMS Group1 : The Blank Spike Duplicate for {PB169973BSD} with File ID: BG064490.D met requirements for all compounds except for 3,3-Dichlorobenzidine[55%], 3-Nitroaniline[52%] and 4-Chloroaniline[30%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements except following

VOC-TCLVOA-10 : The Continuous Calibration File ID VN088013.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.
VOC-TCLVOA-10 : Samples MW4, MW5 were diluted due to high concentrations.

E. Additional Comments:

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3274**

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

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

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LAB CHRONICLE

OrderID:	Q3274	**OrderDate:**	10/2/2025 3:37:00 PM
Client:	G Environmental	**Project:**	ANN
Contact:	Gary Landis	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3274-01	**MW4**	**Water**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/03/25	
Q3274-01DL	**MW4DL**	**Water**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/03/25	
Q3274-02	**MW5**	**Water**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/03/25	
Q3274-02DL	**MW5DL**	**Water**			**10/01/25**			**10/02/25**
			VOC-TCLVOA-10	8260D			10/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3274

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW4**								
Q3274-01	MW4	Water	Cyclohexane		130		1.50	5.00	ug/L
Q3274-01	MW4	Water	Methylcyclohexane		360	E	0.16	5.00	ug/L
Q3274-01	MW4	Water	Benzene		3.80	J	0.15	5.00	ug/L
Q3274-01	MW4	Water	Toluene		1.50	J	0.14	5.00	ug/L
Q3274-01	MW4	Water	Ethyl Benzene		12.4		0.13	5.00	ug/L
Q3274-01	MW4	Water	m/p-Xylenes		2.10	J	0.24	10.0	ug/L
Q3274-01	MW4	Water	Isopropylbenzene		20.2		0.12	5.00	ug/L
			Total Voc :		530				
Q3274-01	MW4	Water	Cyclopentane, methyl-	*	50.4	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, 1,4-diethyl-	*	54.6	J	0	0	ug/L
Q3274-01	MW4	Water	Pentane, 2-methyl-	*	54.1	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, 1,2,3,4-tetramethyl-	*	87.8	J	0	0	ug/L
Q3274-01	MW4	Water	Cyclopentane, 1,2-dimethyl-, tr	*	50.9	J	0	0	ug/L
Q3274-01	MW4	Water	1H-Indene, 2,3-dihydro-5-meth	*	150	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	140	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, 2-ethenyl-1,4-dimeth	*	73.0	J	0	0	ug/L
Q3274-01	MW4	Water	Cyclopentane, 1,3-dimethyl-, ci	*	41.6	J	0	0	ug/L
Q3274-01	MW4	Water	1H-Indene, 2,3-dihydro-1,3-din	*	53.1	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, 1-ethenyl-3-ethyl-	*	98.0	J	0	0	ug/L
Q3274-01	MW4	Water	Benzene, (2-methyl-1-butenyl)-	*	49.3	J	0	0	ug/L
Q3274-01	MW4	Water	n-propylbenzene	*	62.7	J	0.13	5.00	ug/L
Q3274-01	MW4	Water	tert-Butylbenzene	*	1.90	J	0.14	5.00	ug/L
Q3274-01	MW4	Water	sec-Butylbenzene	*	13.2	J	0.13	5.00	ug/L
Q3274-01	MW4	Water	p-Isopropyltoluene	*	1.90	J	0.13	5.00	ug/L
Q3274-01	MW4	Water	n-Butylbenzene	*	19.4	J	0.15	5.00	ug/L
			Total Tics :		1000				
			Total Concentration:		1530				
Client ID:	**MW4DL**								
Q3274-01DL	MW4DL	Water	Cyclohexane		190	D	14.5	50.0	ug/L
Q3274-01DL	MW4DL	Water	Methylcyclohexane		450	D	1.60	50.0	ug/L
Q3274-01DL	MW4DL	Water	Benzene		5.40	JD	1.50	50.0	ug/L
Q3274-01DL	MW4DL	Water	Ethyl Benzene		15.6	JD	1.30	50.0	ug/L
Q3274-01DL	MW4DL	Water	Isopropylbenzene		24.9	JD	1.20	50.0	ug/L
			Total Voc :		686				
			Total Concentration:		686				
Client ID:	**MW5**								

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Hit Summary Sheet
SW-846

SDG No.: Q3274

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3274-02	MW5	Water	Acetone		180		1.50	25.0	ug/L
Q3274-02	MW5	Water	Cyclohexane		260	E	1.50	5.00	ug/L
Q3274-02	MW5	Water	2-Butanone		5.20	J	0.98	25.0	ug/L
Q3274-02	MW5	Water	Methylcyclohexane		220	E	0.16	5.00	ug/L
Q3274-02	MW5	Water	Benzene		75.1		0.15	5.00	ug/L
Q3274-02	MW5	Water	Toluene		7.10		0.14	5.00	ug/L
Q3274-02	MW5	Water	Ethyl Benzene		20.3		0.13	5.00	ug/L
Q3274-02	MW5	Water	m/p-Xylenes		11.4		0.24	10.0	ug/L
Q3274-02	MW5	Water	o-Xylene		3.50	J	0.12	5.00	ug/L
Q3274-02	MW5	Water	Isopropylbenzene		58.0		0.12	5.00	ug/L
			Total Voc :		841				
Q3274-02	MW5	Water	Cyclopentane, methyl-	*	64.1	J	0	0	ug/L
Q3274-02	MW5	Water	Benzene, 1,4-diethyl-	*	37.3	J	0	0	ug/L
Q3274-02	MW5	Water	Pentane, 2-methyl-	*	36.9	J	0	0	ug/L
Q3274-02	MW5	Water	Indane	*	120	J	0	0	ug/L
Q3274-02	MW5	Water	Benzene, 1,2,3,5-tetramethyl-	*	70.7	J	0	0	ug/L
Q3274-02	MW5	Water	Isopropylcyclobutane	*	32.3	J	0	0	ug/L
Q3274-02	MW5	Water	1H-Indene, 2,3-dihydro-5-meth	*	190	J	0	0	ug/L
Q3274-02	MW5	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	100	J	0	0	ug/L
Q3274-02	MW5	Water	Cyclobutane, (1-methylethylide	*	29.5	J	0	0	ug/L
Q3274-02	MW5	Water	Benzene, 2-ethenyl-1,4-dimeth	*	68.8	J	0	0	ug/L
Q3274-02	MW5	Water	1H-Indene, 2,3-dihydro-1,3-din	*	42.2	J	0	0	ug/L
Q3274-02	MW5	Water	n-propylbenzene	*	110	J	0.13	5.00	ug/L
Q3274-02	MW5	Water	tert-Butylbenzene	*	1.70	J	0.14	5.00	ug/L
Q3274-02	MW5	Water	1,2,4-Trimethylbenzene	*	0.69	J	0.14	5.00	ug/L
Q3274-02	MW5	Water	sec-Butylbenzene	*	10.3	J	0.13	5.00	ug/L
Q3274-02	MW5	Water	p-Isopropyltoluene	*	1.90	J	0.13	5.00	ug/L
Q3274-02	MW5	Water	n-Butylbenzene	*	15.6	J	0.15	5.00	ug/L
			Total Tics :		932				
			Total Concentration:		1770				
Client ID:	**MW5DL**								
Q3274-02DL	MW5DL	Water	Acetone		270	D	7.60	130	ug/L
Q3274-02DL	MW5DL	Water	Cyclohexane		320	D	7.30	25.0	ug/L
Q3274-02DL	MW5DL	Water	Methylcyclohexane		240	D	0.80	25.0	ug/L
Q3274-02DL	MW5DL	Water	Benzene		96.1	D	0.75	25.0	ug/L
Q3274-02DL	MW5DL	Water	Toluene		9.00	JD	0.70	25.0	ug/L
Q3274-02DL	MW5DL	Water	Ethyl Benzene		23.8	JD	0.65	25.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3274

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3274-02DL	MW5DL	Water	m/p-Xylenes	14.3	JD	1.20	50.0	ug/L
Q3274-02DL	MW5DL	Water	Isopropylbenzene	67.4	D	0.60	25.0	ug/L
			Total Voc :	1040				
			Total Concentration:	1040				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3274

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3274-01	MW4	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	45.1	90		70 (75)	130 (124)
		Toluene-d8	50	49.9	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.9	106		70 (77)	130 (121)
Q3274-01DL	MW4DL	1,2-Dichloroethane-d4	50	53.8	108		70 (74)	130 (125)
		Dibromofluoromethane	50	47.3	95		70 (75)	130 (124)
		Toluene-d8	50	49.5	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101		70 (77)	130 (121)
Q3274-02	MW5	1,2-Dichloroethane-d4	50	49.4	99		70 (74)	130 (125)
		Dibromofluoromethane	50	43.3	87		70 (75)	130 (124)
		Toluene-d8	50	45.8	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.1	98		70 (77)	130 (121)
Q3274-02DL	MW5DL	1,2-Dichloroethane-d4	50	52.1	104		70 (74)	130 (125)
		Dibromofluoromethane	50	47.1	94		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101		70 (77)	130 (121)
VN1003WBL01	VN1003WBL01	1,2-Dichloroethane-d4	50	57.1	114		70 (74)	130 (125)
		Dibromofluoromethane	50	47.8	96		70 (75)	130 (124)
		Toluene-d8	50	47.2	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.0	84		70 (77)	130 (121)
VN1003WBS01	VN1003WBS01	1,2-Dichloroethane-d4	50	52.0	104		70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100		70 (75)	130 (124)
		Toluene-d8	50	49.8	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	98		70 (77)	130 (121)
VN1003WBSD0	VN1003WBSD01	1,2-Dichloroethane-d4	50	47.4	95		70 (74)	130 (125)
		Dibromofluoromethane	50	43.1	86		70 (75)	130 (124)
		Toluene-d8	50	44.1	88		70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.4	89		70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3274 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088016.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1003WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			40 (69)	160 (116)	
	Chloromethane	20	21.2	ug/L	106			40 (65)	160 (116)	
	Vinyl chloride	20	21.8	ug/L	109			70 (65)	130 (117)	
	Bromomethane	20	23.7	ug/L	119			40 (58)	160 (125)	
	Chloroethane	20	22.8	ug/L	114			40 (56)	160 (128)	
	Trichlorofluoromethane	20	22.1	ug/L	111			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	23.1	ug/L	116			70 (80)	130 (112)	
	1,1-Dichloroethene	20	22.3	ug/L	112			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	19.2	ug/L	96			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.7	ug/L	109			70 (78)	130 (114)	
	Methyl Acetate	20	25.4	ug/L	127			70 (67)	130 (125)	
	Methylene Chloride	20	21.9	ug/L	110			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	21.2	ug/L	106			70 (75)	130 (108)	
	1,1-Dichloroethane	20	22.8	ug/L	114			70 (78)	130 (112)	
	Cyclohexane	20	21.7	ug/L	109			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.3	ug/L	106			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	22.1	ug/L	111			70 (77)	130 (110)	
	Bromochloromethane	20	20.4	ug/L	102			70 (70)	130 (124)	
	Chloroform	20	23.3	ug/L	117			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	22.2	ug/L	111			70 (80)	130 (108)	
	Methylcyclohexane	20	19.5	ug/L	98			70 (72)	130 (115)	
	Benzene	20	21.1	ug/L	106			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.2	ug/L	106			70 (80)	130 (115)	
	Trichloroethene	20	21.4	ug/L	107			70 (77)	130 (113)	
	1,2-Dichloropropane	20	22.3	ug/L	112			70 (83)	130 (111)	
	Bromodichloromethane	20	22.6	ug/L	113			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	21.5	ug/L	108			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	21.4	ug/L	107			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.7	ug/L	109			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	22.4	ug/L	112			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	21.1	ug/L	106			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.4	ug/L	107			70 (81)	130 (110)	
	Tetrachloroethene	20	20.9	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	21.5	ug/L	108			70 (82)	130 (109)	
	Ethyl Benzene	20	21.0	ug/L	105			70 (83)	130 (109)	
	m/p-Xylenes	40	42.0	ug/L	105			70 (82)	130 (110)	
	o-Xylene	20	20.7	ug/L	104			70 (83)	130 (109)	
	Styrene	20	21.3	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	20.3	ug/L	102			70 (79)	130 (109)	
	Isopropylbenzene	20	21.5	ug/L	108			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	22.5	ug/L	113			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	21.9	ug/L	110			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	21.3	ug/L	106			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.2	ug/L	106			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3274 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088016.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1003WBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/L	100			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	20.4	ug/L	102			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3274 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088025.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN1003WBSD01	Dichlorodifluoromethane	20	18.2	ug/L	91	12		40 (69)	160 (116)	20 (19)
	Chloromethane	20	18.7	ug/L	94	12		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.5	ug/L	93	16		70 (65)	130 (117)	20 (19)
	Bromomethane	20	15.9	ug/L	79	40	*	40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.4	ug/L	97	16		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.4	ug/L	97	13		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	17		70 (80)	130 (112)	20 (15)
	1,1-Dichloroethene	20	19.8	ug/L	99	12		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	10		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.3	ug/L	86	11		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.5	ug/L	103	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	24.5	ug/L	123	3		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.3	ug/L	102	8		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	10		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	20.0	ug/L	100	13		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.0	ug/L	100	9		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	0		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	18.7	ug/L	94	12		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.5	ug/L	98	12		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.4	ug/L	87	16		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.4	ug/L	102	14		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.1	ug/L	101	9		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.8	ug/L	94	4		70 (72)	130 (115)	20 (20)
	Benzene	20	19.2	ug/L	96	10		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	18.5	ug/L	93	13		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.4	ug/L	97	10		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.0	ug/L	95	16		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	19.7	ug/L	99	13		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	10		40 (74)	160 (118)	20 (25)
	Toluene	20	19.4	ug/L	97	11		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.5	ug/L	98	9		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.6	ug/L	98	11		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	19.7	ug/L	99	12		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	93.8	ug/L	94	16		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	19.1	ug/L	96	10		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	19.6	ug/L	98	9		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.1	ug/L	96	8		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.0	ug/L	100	8		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.5	ug/L	98	7		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.4	ug/L	99	6		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.1	ug/L	96	8		70 (83)	130 (109)	20 (20)
	Styrene	20	19.8	ug/L	99	7		70 (80)	130 (111)	20 (17)
	Bromoform	20	18.3	ug/L	92	10		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.4	ug/L	102	6		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.0	ug/L	105	7		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.5	ug/L	98	12		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.6	ug/L	98	8		70 (82)	130 (107)	20 (15)
	1,2-Dichlorobenzene	20	20.0	ug/L	100	6		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3274 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VN088025.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN1003WBSD01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101	1		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.9	ug/L	100	2		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95	7		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN1003WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3274

Lab File ID: VN088015.D | Lab Sample ID: VN1003WBL01

Date Analyzed: 10/03/2025 | Time Analyzed: 11:11

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
VN1003WBS01	VN1003WBS01	VN088016.D	10/03/2025
MW4	Q3274-01	VN088021.D	10/03/2025
MW5	Q3274-02	VN088022.D	10/03/2025
VN1003WBSD01	VN1003WBSD01	VN088025.D	10/03/2025
MW5DL	Q3274-02DL	VN088026.D	10/03/2025
MW4DL	Q3274-01DL	VN088027.D	10/03/2025

COMMENTS:

Raw Data: **VN087922.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3274

Lab File ID: VN087922.D | BFB Injection Date: 09/23/2025

Instrument ID: MSVOA_N | BFB Injection Time: 08:31

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	21.1
75	30.0 - 60.0% of mass 95	55.8
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	1.2 (1.6) 1
174	50.0 - 100.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.2 (8.3) 1
176	95.0 - 101.0% of mass 174	74.2 (98.4) 1
177	5.0 - 9.0% of mass 176	4.4 (6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VN087924.D	09/23/2025	09:33
VSTDICCC050	VSTDICCC050	VN087926.D	09/23/2025	10:15
VSTDICC100	VSTDICC100	VN087927.D	09/23/2025	10:36
VSTDICC150	VSTDICC150	VN087928.D	09/23/2025	10:56
VSTDICC020	VSTDICC020	VN087930.D	09/23/2025	11:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3274

Lab File ID: VN088012.D | BFB Injection Date: 10/03/2025

Instrument ID: MSVOA_N | BFB Injection Time: 09:34

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	21.1
75	30.0 - 60.0% of mass 95	50.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	1.1 (1.6) 1
174	50.0 - 100.0% of mass 95	70.4
175	5.0 - 9.0% of mass 174	6 (8.5) 1
176	95.0 - 101.0% of mass 174	67.9 (96.5) 1
177	5.0 - 9.0% of mass 176	5 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN088013.D	10/03/2025	10:17
VN1003WBL01	VN1003WBL01	VN088015.D	10/03/2025	11:11
VN1003WBS01	VN1003WBS01	VN088016.D	10/03/2025	12:07
MW4	Q3274-01	VN088021.D	10/03/2025	14:17
MW5	Q3274-02	VN088022.D	10/03/2025	14:38
VN1003WBSD01	VN1003WBSD01	VN088025.D	10/03/2025	15:55
MW5DL	Q3274-02DL	VN088026.D	10/03/2025	16:16
MW4DL	Q3274-01DL	VN088027.D	10/03/2025	16:37

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3274

Lab File ID: VN088013.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_N Time Analyzed: 10:17

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	211900	8.21	407793	9.08	399348	11.85
UPPER LIMIT	423800	8.706	815586	9.582	798696	12.347
LOWER LIMIT	105950	7.706	203897	8.582	199674	11.347
EPA SAMPLE NO.						
MW4	261013	8.21	577276	9.08	582521	11.84
MW4DL	193443	8.21	426224	9.08	419833	11.85
MW5	274294	8.21	584137	9.08	570238	11.84
MW5DL	199029	8.21	430919	9.08	412320	11.85
VN1003WBL01	175124	8.21	396641	9.08	390371	11.84
VN1003WBS01	210745	8.21	397174	9.08	382298	11.85
VN1003WBSD01	228703	8.21	434830	9.08	402581	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3274

Lab File ID: VN088013.D Date Analyzed: 10/03/2025

Instrument ID: MSVOA_N Time Analyzed: 10:17

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

	IS4 AREA #	RT #				
12 HOUR STD	212700	13.77				
UPPER LIMIT	425400	14.27				
LOWER LIMIT	106350	13.27				
EPA SAMPLE NO.						
MW4	296966	13.77				
MW4DL	205320	13.77				
MW5	295091	13.77				
MW5DL	199129	13.77				
VN1003WBL01	175413	13.77				
VN1003WBS01	201044	13.77				
VN1003WBSD01	206765	13.77				

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.

SAMPLE DATA

Raw Data: **VN088021.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3274
Lab Sample ID:	Q3274-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088021.D	1	10/03/25 14:17	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	130		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	360	E	0.16	5.00	ug/L
71-43-2	Benzene	3.80	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	1.50	J	0.14	5.00	ug/L

Raw Data: **VN088021.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3274
Lab Sample ID:	Q3274-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088021.D	1	10/03/25 14:17	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	12.4		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	2.10	J	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	20.2		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	49.9		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	261000	8.212			
540-36-3	1,4-Difluorobenzene	577000	9.082			
3114-55-4	Chlorobenzene-d5	583000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	297000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN088021.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3274
Lab Sample ID:	Q3274-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088021.D	1	10/03/25 14:17	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	54.1	J		5.33	ug/L
000096-37-7	Cyclopentane, methyl-	50.4	J		7.31	ug/L
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	41.6	J		8.70	ug/L
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	50.9	J		8.84	ug/L
103-65-1	n-propylbenzene	62.7	J		13.0	ug/L
98-06-6	tert-Butylbenzene	1.90	J		13.4	ug/L
135-98-8	sec-Butylbenzene	13.2	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.90	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	54.6	J		13.9	ug/L
104-51-8	n-Butylbenzene	19.4	J		14.0	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	140	J		14.3	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	98.0	J		14.4	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	87.8	J		14.6	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	73.0	J		14.9	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	150	J		15.0	ug/L
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	53.1	J		15.3	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	49.3	J		15.4	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

Sample Results: **VN088021.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 04 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	261013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	577276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	582521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	296966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	229841	52.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.147	113	188989	45.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.180%			
50) Toluene-d8	10.541	98	735191	49.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.823	95	278766	52.912	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.820%			
Target Compounds						Qvalue
31) Cyclohexane	8.241	56	638794	129.685	ug/l #	95
39) Methylcyclohexane	9.582	83	1978856	355.926	ug/l	98
40) Benzene	8.582	78	63341	3.796	ug/l	98
52) Toluene	10.612	92	15963	1.524	ug/l	89
67) Ethyl Benzene	11.941	91	255552	12.354	ug/l	98
68) m/p-Xylenes	12.047	106	16580	2.096	ug/l	85
73) Isopropylbenzene	12.670	105	371414	20.180	ug/l	100
78) n-propylbenzene	13.012	91	1443514	62.731	ug/l	100
83) tert-Butylbenzene	13.411	119	26053	1.933	ug/l	87
85) sec-Butylbenzene	13.594	105	261070	13.215	ug/l #	66
86) p-Isopropyltoluene	13.706	119	31294	1.870	ug/l	93
89) n-Butylbenzene	14.029	91	306176m	19.362	ug/l	

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

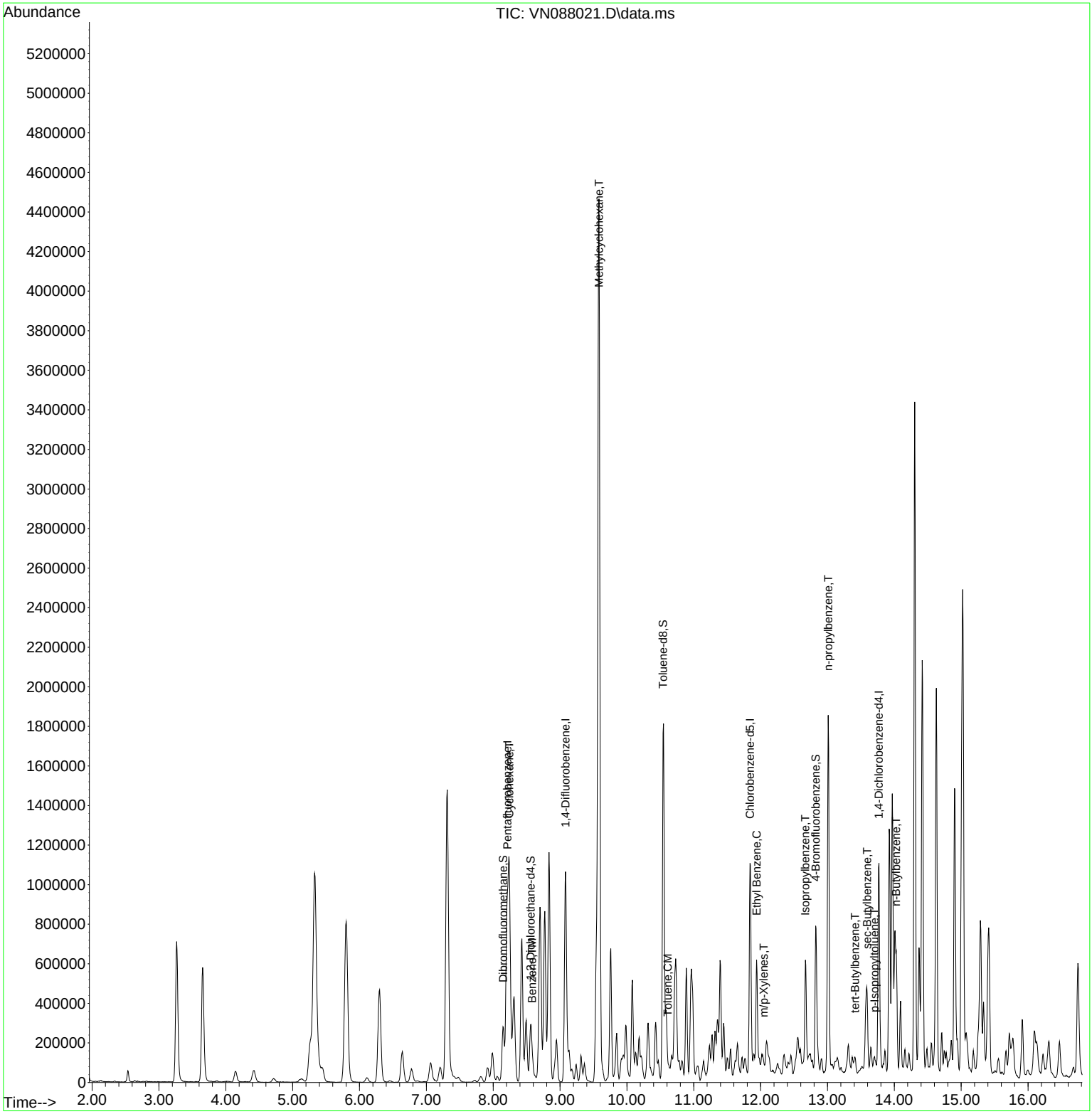
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

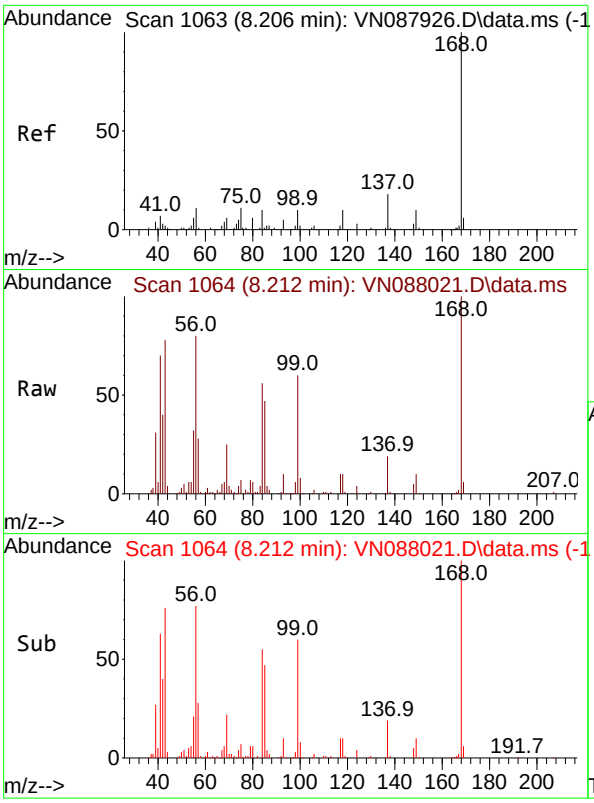
Quant Time: Oct 04 02:56:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:168 Resp: 26101

Ion	Ratio	Lower	Upper
168	100		
99	60.1	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

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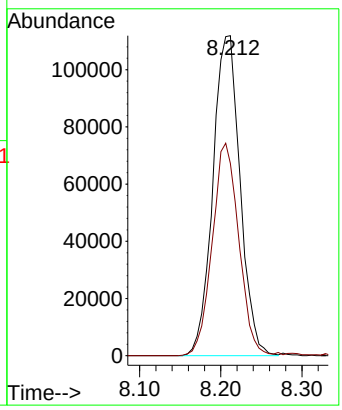
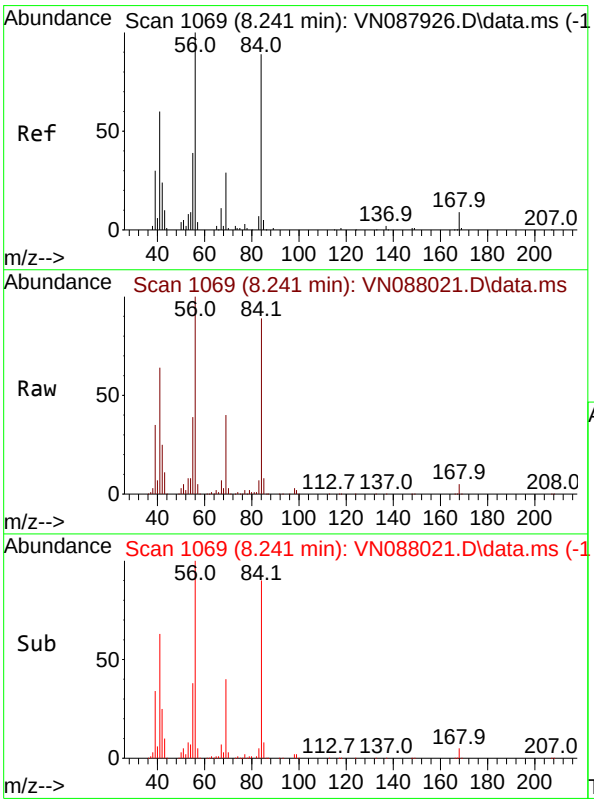
Supervised By :Semsettin Yesilyurt 10/06/2025

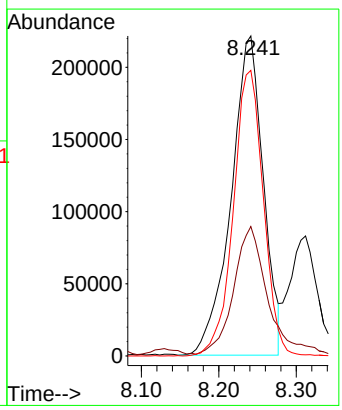


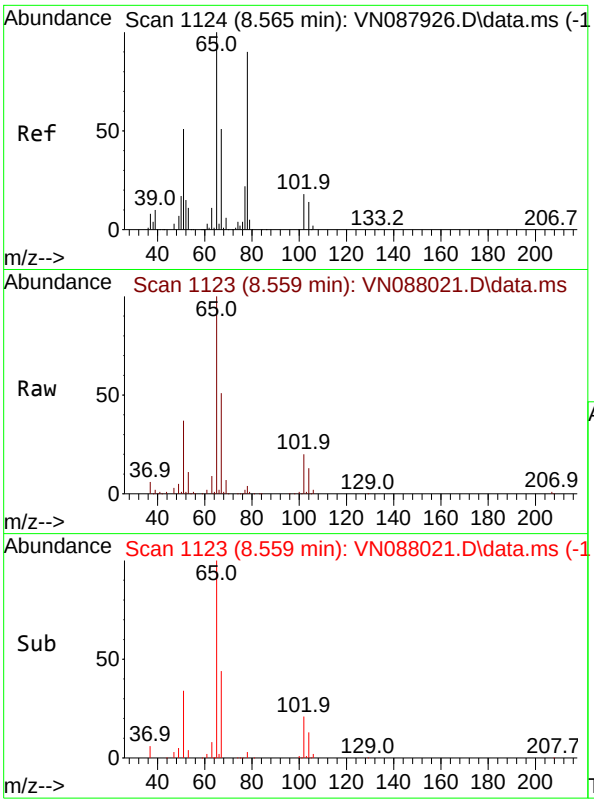


#31
Cyclohexane
Concen: 129.685 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 56 Resp: 638794

Ion	Ratio	Lower	Upper
56	100		
69	38.9	23.4	35.0#
84	89.4	70.8	106.2





#33
1,2-Dichloroethane-d4
Concen: 52.324 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 65 Resp: 22984

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.4

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
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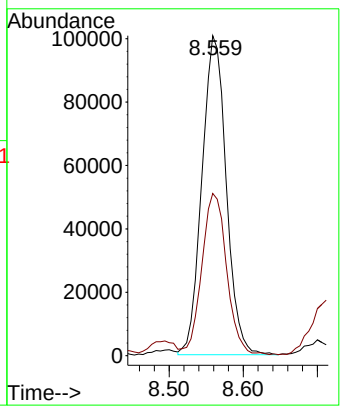
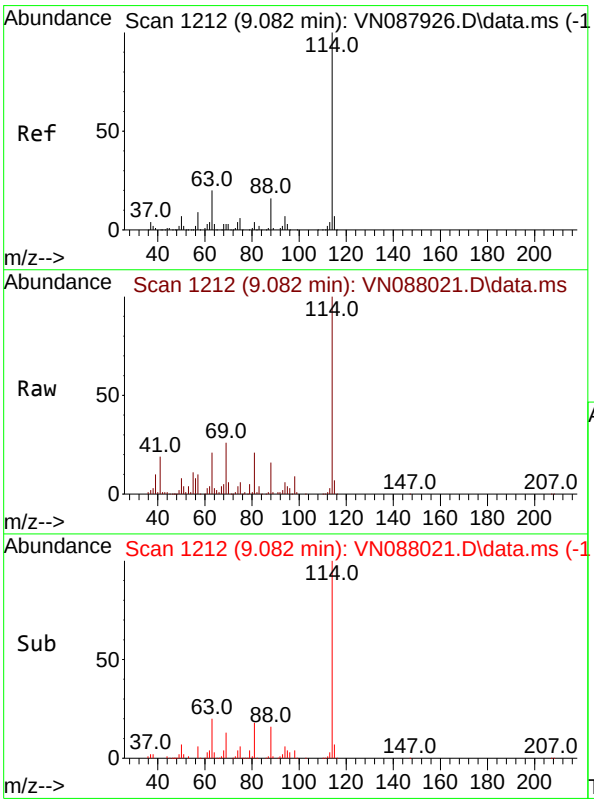
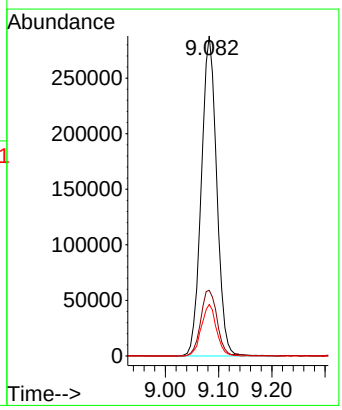


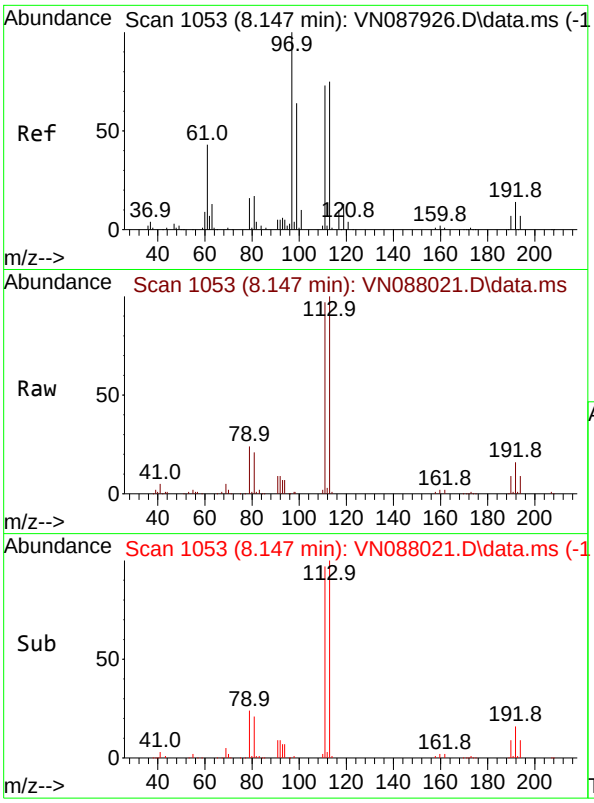


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:114 Resp: 577276

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.0
88	16.1	0.0	31.8

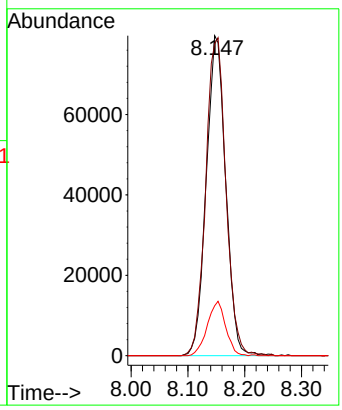




#35
Dibromofluoromethane
Concen: 45.090 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:113 Resp: 188989

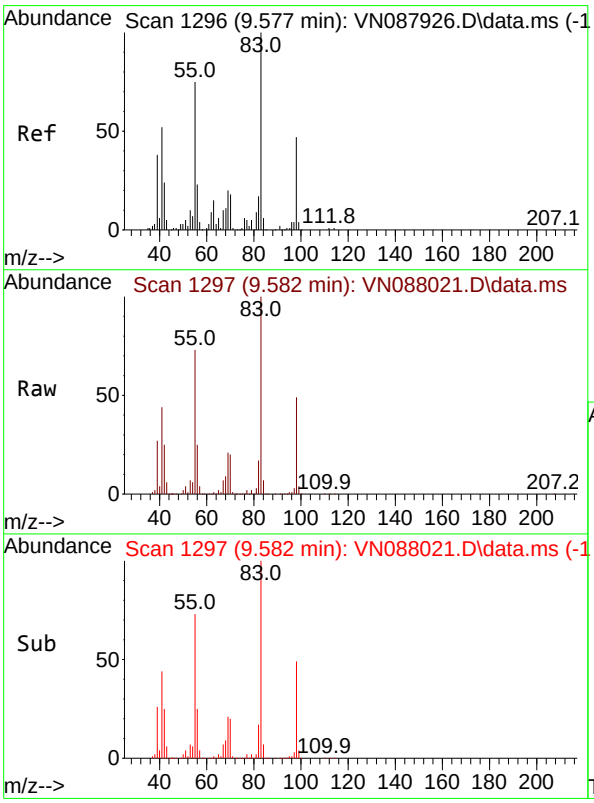
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	16.1	14.2	21.2



Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

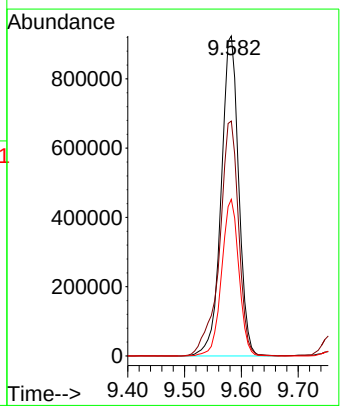
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

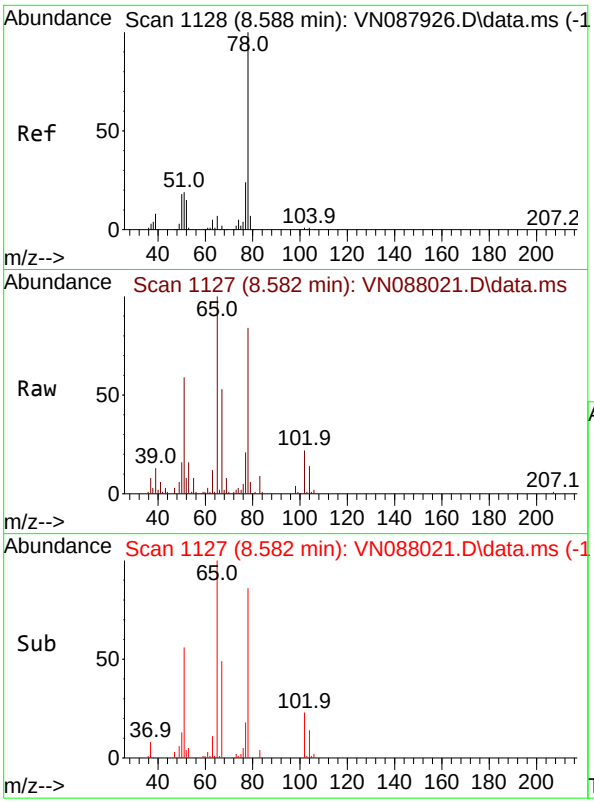


#39
Methylcyclohexane
Concen: 355.926 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 83 Resp: 1978856

Ion	Ratio	Lower	Upper
83	100		
55	73.4	59.9	89.9
98	48.9	37.4	56.2





#40
Benzene
Concen: 3.796 ug/l
RT: 8.582 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 78 Resp: 6334

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.6

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

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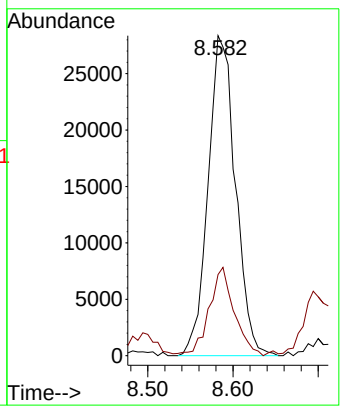
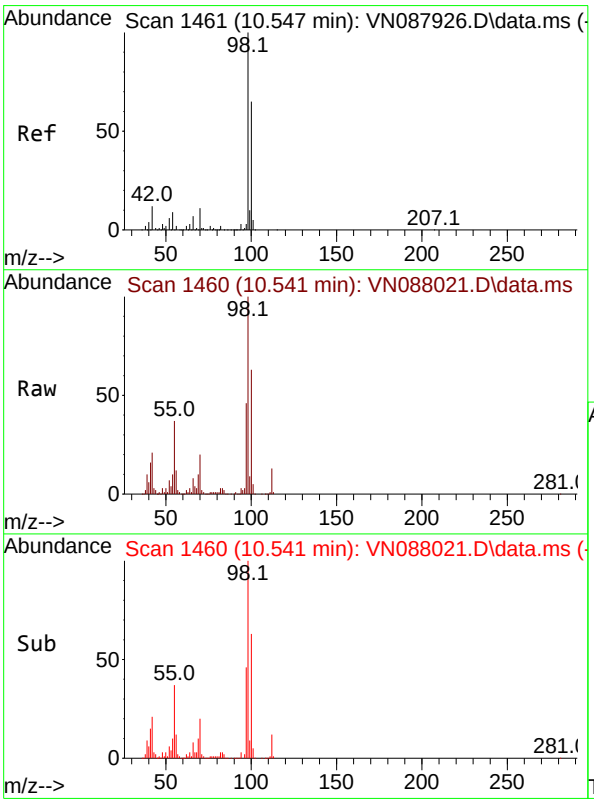
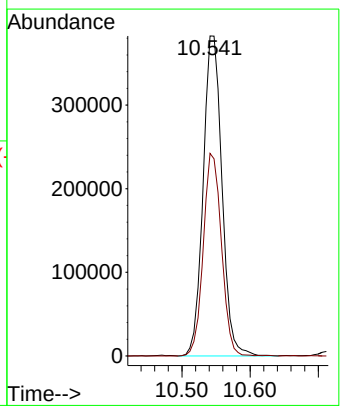


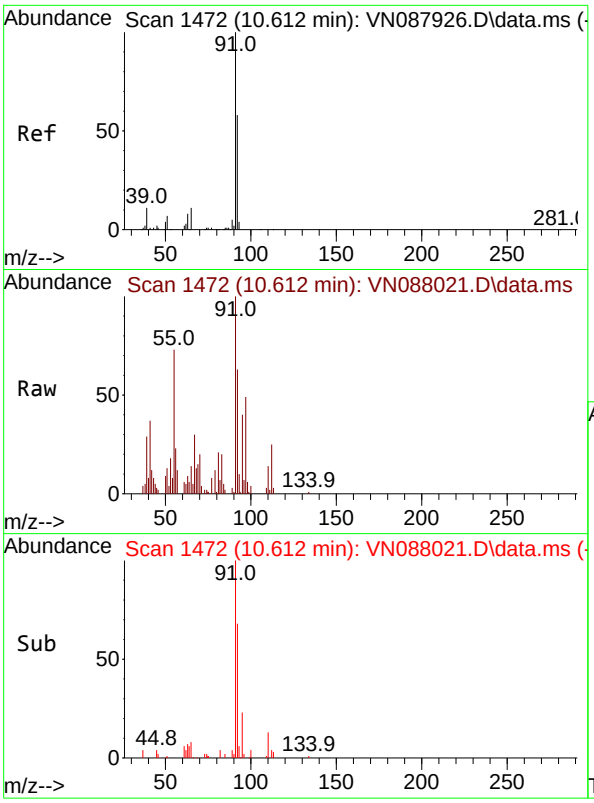


#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 98 Resp: 735191

Ion	Ratio	Lower	Upper
98	100		
100	61.0	51.7	77.5





#52
Toluene
Concen: 1.524 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

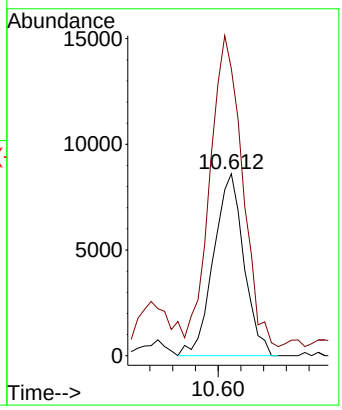
Tgt Ion: 92 Resp: 1596

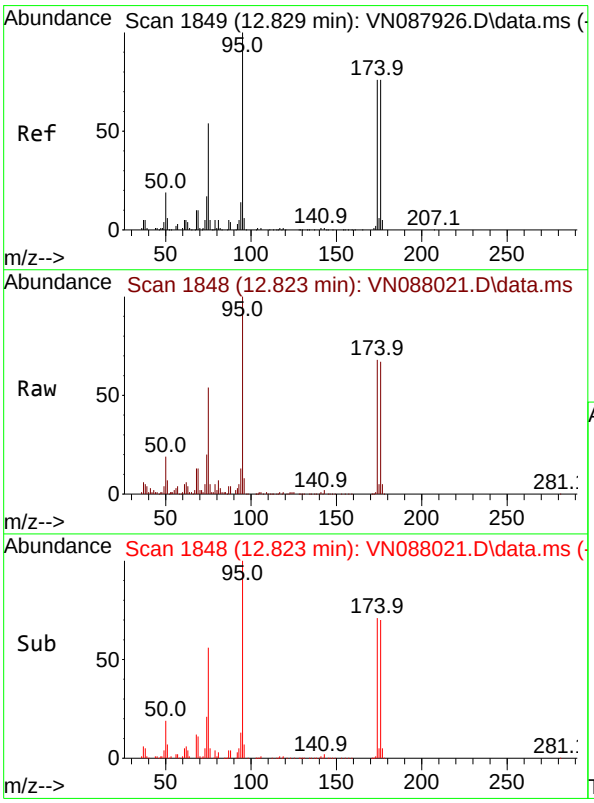
Ion	Ratio	Lower	Upper
92	100		
91	188.5	138.2	207.2

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

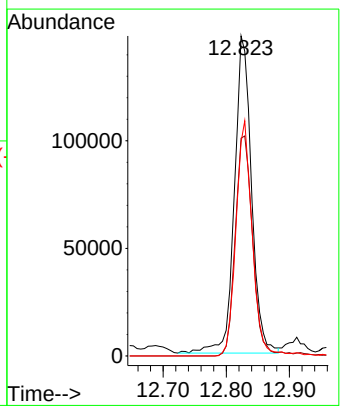


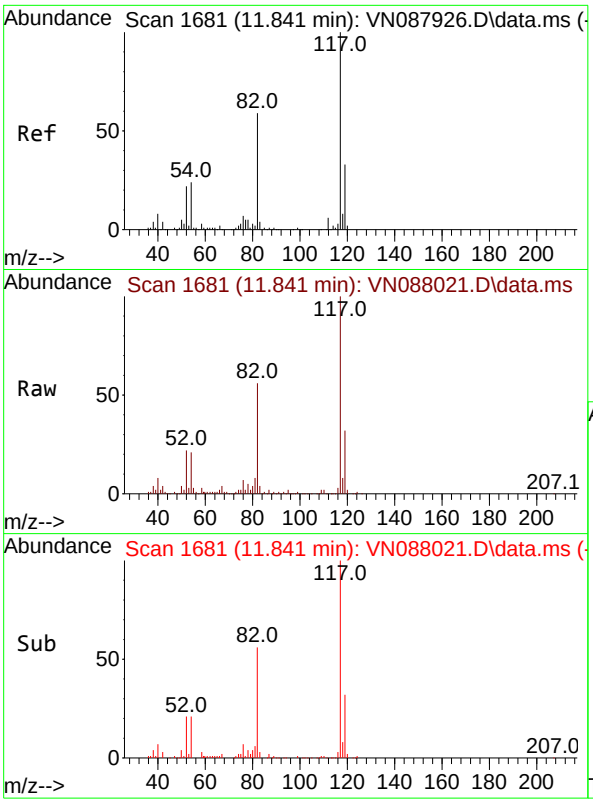


#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 95 Resp: 278766

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	159.2
176	69.9	0.0	152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:117 Resp: 58252

Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.0	70.4
119	31.5	26.1	39.1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

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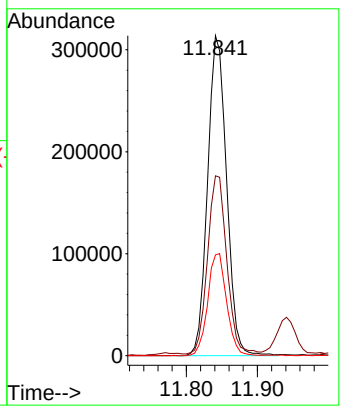
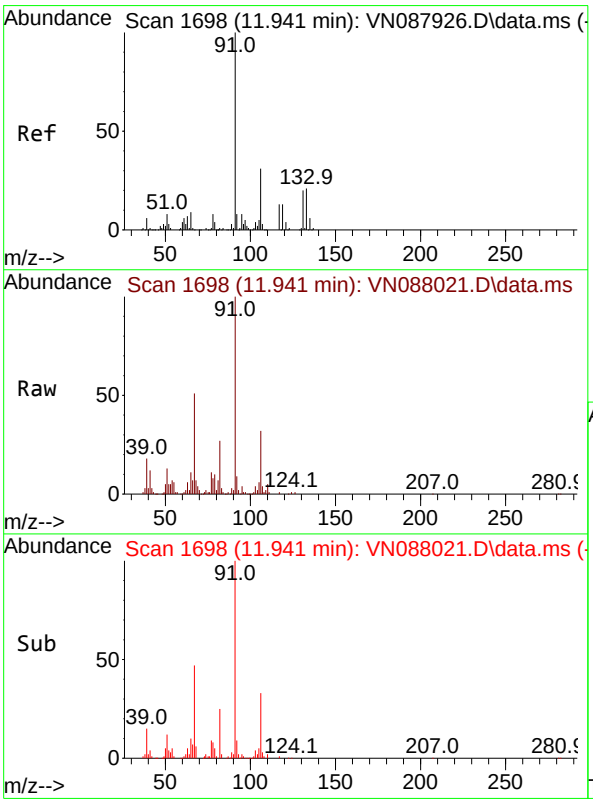
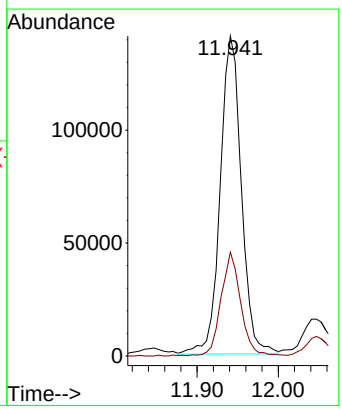


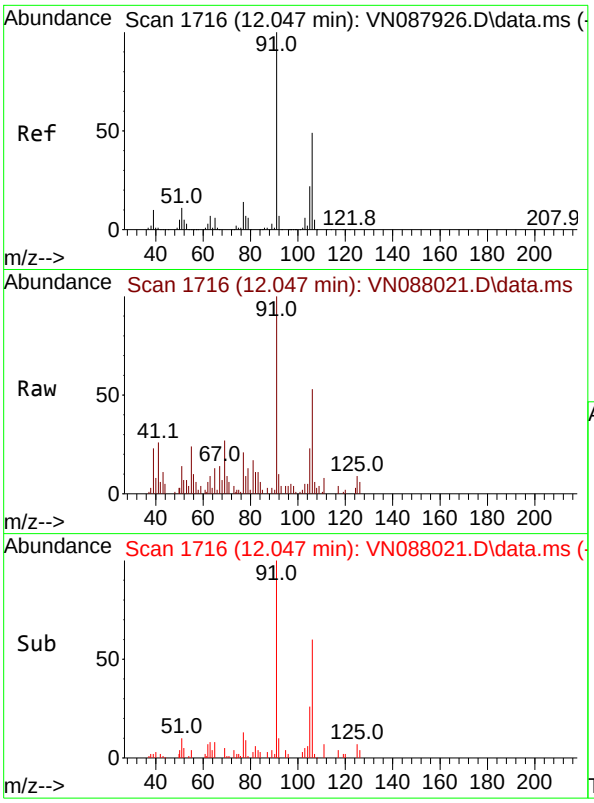


#67
Ethyl Benzene
Concen: 12.354 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 91 Resp: 255552

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.2	37.8

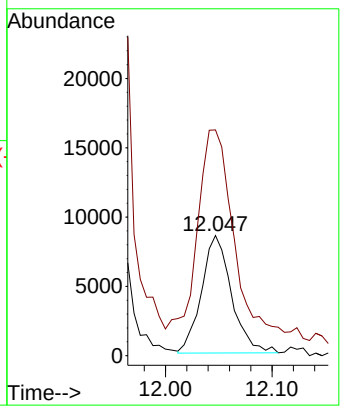




#68
m/p-Xylenes
Concen: 2.096 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:106 Resp: 1658

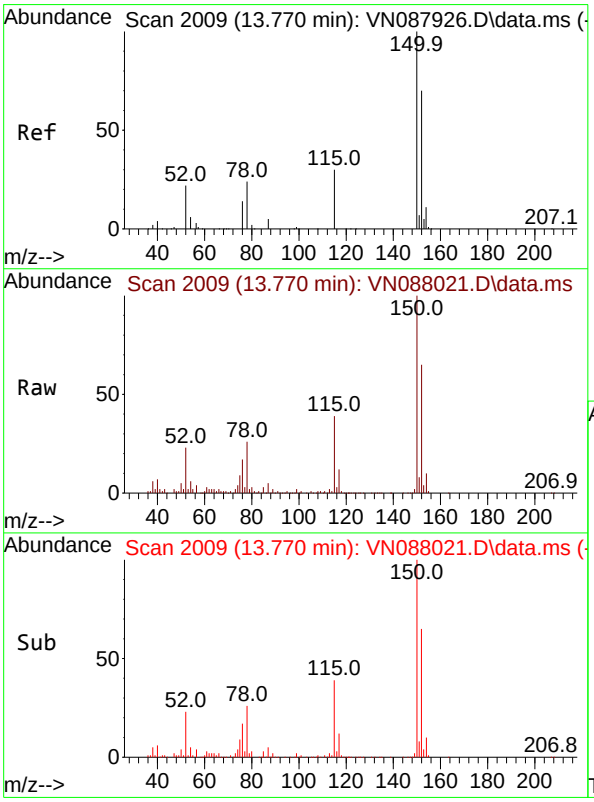
Ion	Ratio	Lower	Upper
106	100		
91	226.6	162.9	244.3



Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

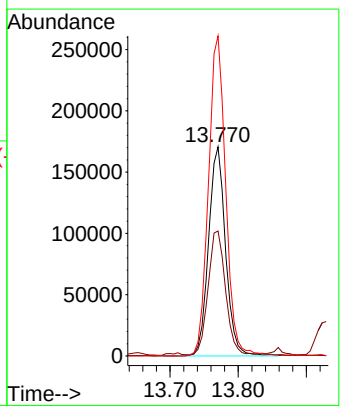
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

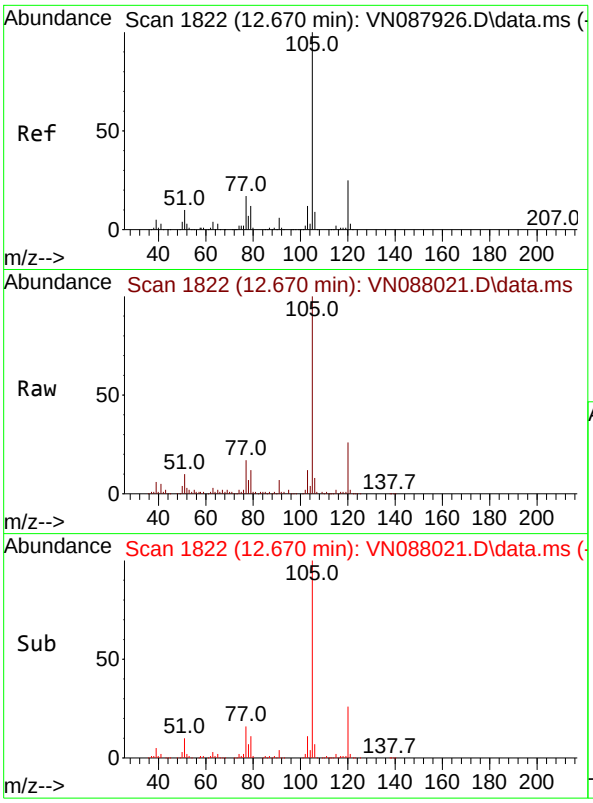


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:152 Resp: 296966

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.9	89.7
150	155.2	0.0	335.0





#73
Isopropylbenzene
Concen: 20.180 ug/l
RT: 12.670 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

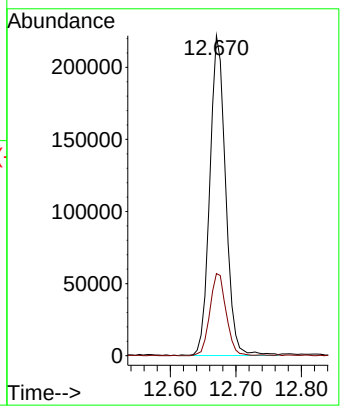
Tgt Ion:105 Resp: 37141

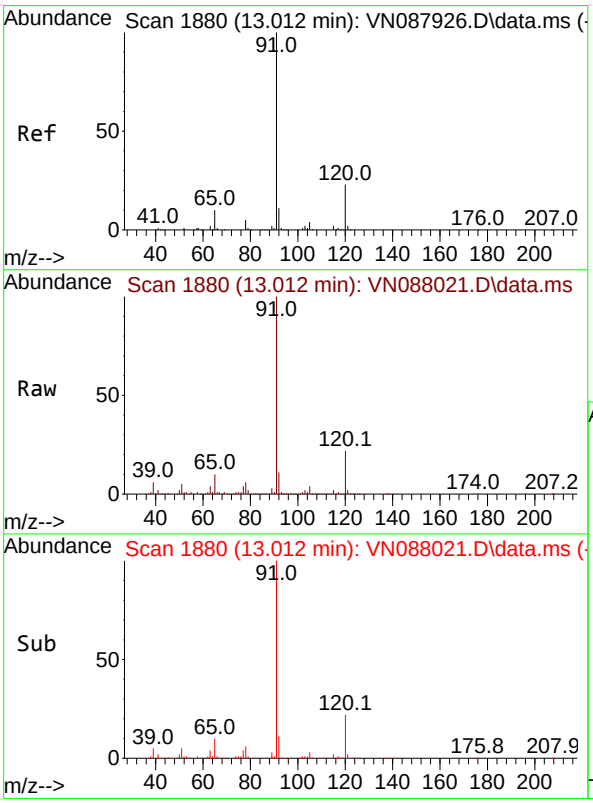
Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

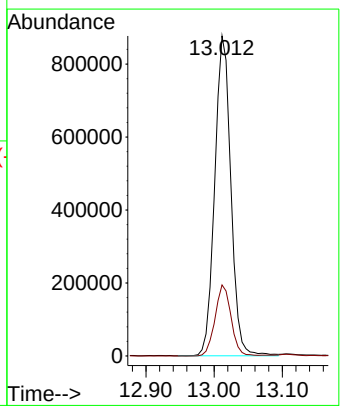


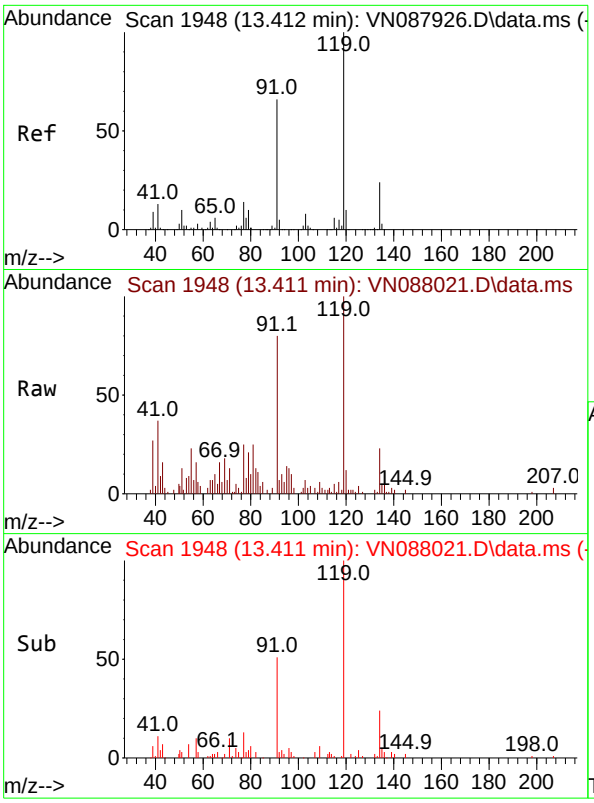


#78
n-propylbenzene
Concen: 62.731 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 91 Resp: 1443514

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1





#83
tert-Butylbenzene
Concen: 1.933 ug/l
RT: 13.411 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

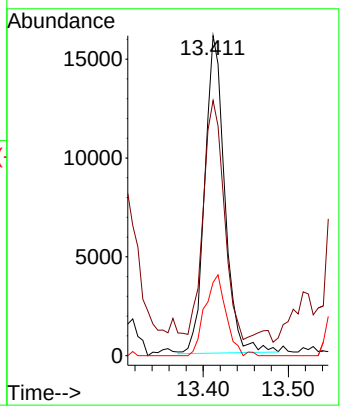
Tgt Ion:119 Resp: 2605

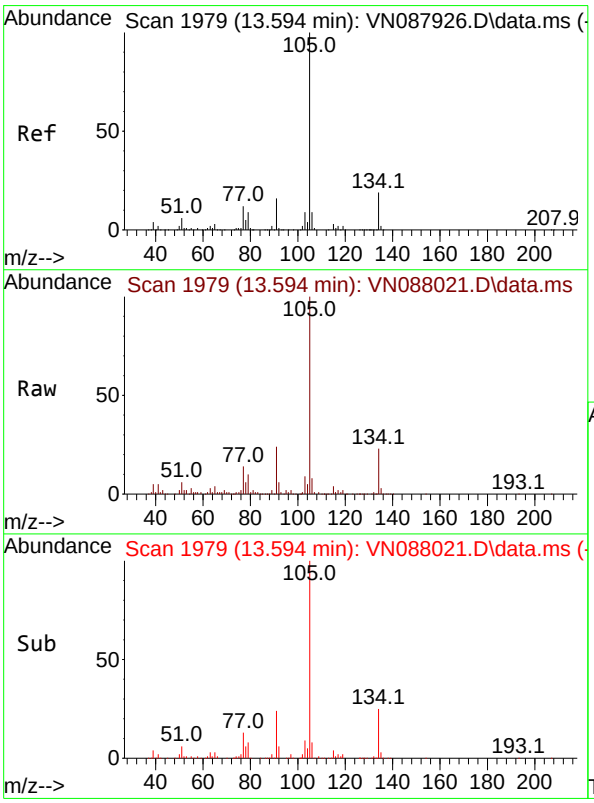
Ion	Ratio	Lower	Upper
119	100		
91	76.6	32.1	96.3
134	27.2	12.3	36.8

Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

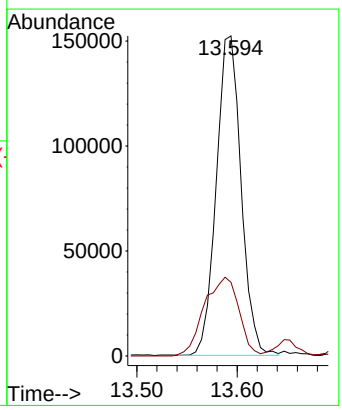


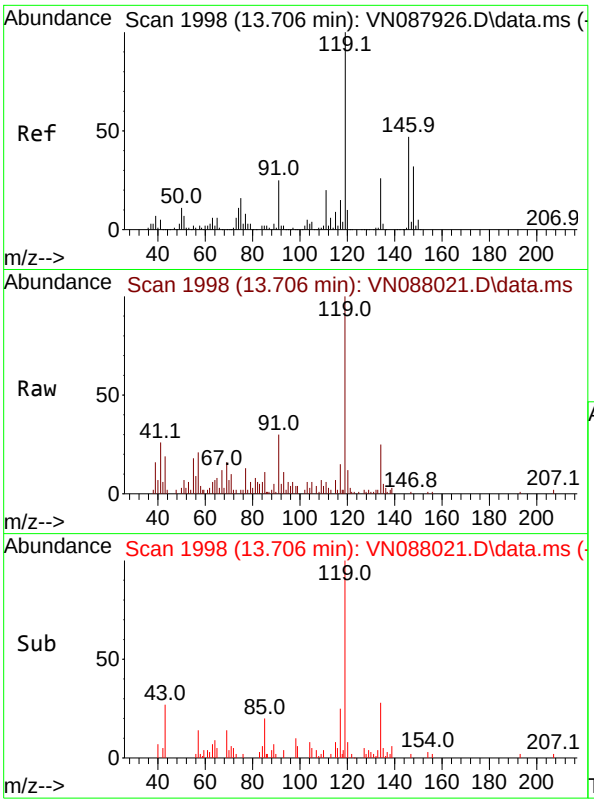


#85
sec-Butylbenzene
Concen: 13.215 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:105 Resp: 261070

Ion	Ratio	Lower	Upper
105	100		
134	34.5	9.6	28.8#

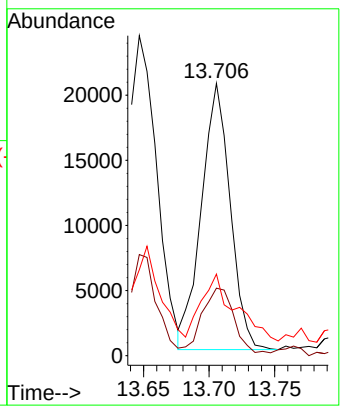




#86
p-Isopropyltoluene
Concen: 1.870 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion:119 Resp: 3129

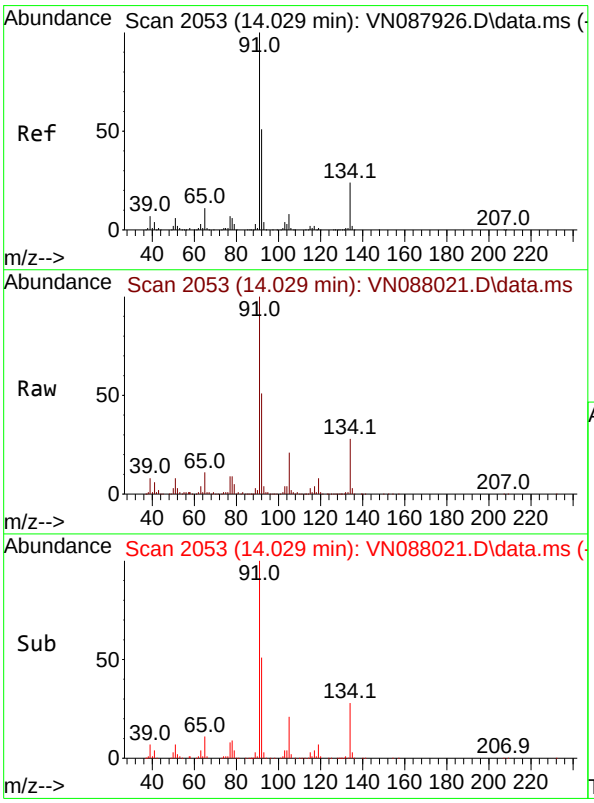
Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	30.3	11.9	35.5



Instrument :
MSVOA_N
ClientSampleId :
MW4

Manual Integrations
APPROVED

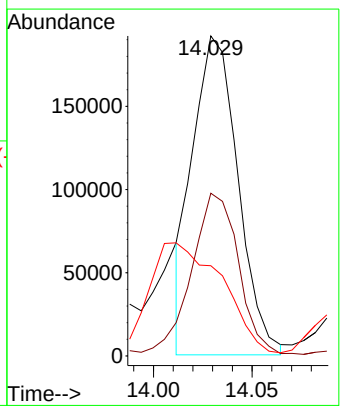
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#89
n-Butylbenzene
Concen: 19.362 ug/l m
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088021.D
Acq: 03 Oct 2025 14:17

Tgt Ion: 91 Resp: 306176

Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.9	77.8
134	58.0	12.6	37.8#



Sample Results: **VN088021.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N092325W.M
Title : SW846 8260

Signal : TIC: VN088021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.265	211	223	239	rBV	709271	1744595	16.12%	1.491%
2	3.653	279	289	304	rBV2	578415	1479024	13.67%	1.264%
3	4.142	364	372	383	rBV3	53565	157319	1.45%	0.134%
4	4.424	407	420	429	rBV3	57196	192600	1.78%	0.165%
5	5.330	551	574	590	rBV2	1050717	4751658	43.90%	4.062%
6	5.800	639	654	673	rBV2	811267	2821603	26.07%	2.412%
7	6.300	726	739	756	rBV2	467824	1464236	13.53%	1.252%
8	6.641	784	797	809	rBV	155607	471053	4.35%	0.403%
9	6.777	809	820	831	rBV4	66805	203656	1.88%	0.174%
10	7.065	857	869	884	rBV6	95576	311476	2.88%	0.266%
11	7.206	884	893	900	rVV4	74053	219275	2.03%	0.187%
12	7.312	900	911	935	rVV	1477667	4427683	40.91%	3.785%
13	7.912	1005	1013	1019	rBV3	69584	185027	1.71%	0.158%
14	7.988	1019	1026	1035	rVB3	134750	341963	3.16%	0.292%
15	8.147	1043	1053	1057	rBV	270438	654957	6.05%	0.560%
16	8.235	1057	1068	1075	rVV3	1117910	4393346	40.59%	3.755%
17	8.312	1075	1081	1091	rVB3	428223	1137433	10.51%	0.972%
18	8.429	1091	1101	1107	rBV	720218	1686808	15.59%	1.442%
19	8.494	1107	1112	1118	rVB2	255191	510012	4.71%	0.436%
20	8.565	1118	1124	1137	rVB2	269300	728500	6.73%	0.623%
21	8.700	1138	1147	1153	rBV2	859783	2087601	19.29%	1.784%
22	8.771	1153	1159	1164	rVV	757904	1563769	14.45%	1.337%
23	8.835	1164	1170	1179	rVB	1145370	2554975	23.61%	2.184%
24	8.947	1179	1189	1200	rVB3	211962	562519	5.20%	0.481%
25	9.082	1202	1212	1219	rBV3	1061618	2508435	23.18%	2.144%
26	9.241	1234	1239	1245	rVB	81365	149242	1.38%	0.128%
27	9.312	1245	1251	1256	rBV	128024	247697	2.29%	0.212%
28	9.365	1256	1260	1276	rVB2	93736	208805	1.93%	0.178%
29	9.582	1278	1297	1313	rBV	4465145	10822687	100.00%	9.251%
30	9.759	1313	1327	1334	rBV	668536	1350656	12.48%	1.155%
31	9.847	1334	1342	1348	rVB	230679	458236	4.23%	0.392%
32	9.918	1348	1354	1355	rBV	101376	153579	1.42%	0.131%
33	9.982	1361	1365	1375	rVB2	258429	538605	4.98%	0.460%
34	10.082	1375	1382	1387	rBV2	487073	930795	8.60%	0.796%
35	10.182	1394	1399	1403	rBV2	142942	242037	2.24%	0.207%
36	10.318	1413	1422	1434	rBV4	282287	718930	6.64%	0.615%

Sample Results: **VN088021.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N092325W.M
Title : SW846 8260

37	10.429	1434	1441	1446	rBV	268929	532084	4.92%	0.455%
38	10.547	1453	1461	1466	rBV	1790622	3514673	32.48%	3.004%
39	10.729	1484	1492	1499	rVB5	527828	1328271	12.27%	1.135%
40	10.888	1513	1519	1525	rBV	538618	956750	8.84%	0.818%
41	10.965	1525	1532	1542	rVB4	532678	1496457	13.83%	1.279%
42	11.059	1542	1548	1554	rVB6	71681	190725	1.76%	0.163%
43	11.147	1554	1563	1569	rBV6	96738	248858	2.30%	0.213%
44	11.235	1571	1578	1581	rBV4	142608	299154	2.76%	0.256%
45	11.276	1581	1585	1588	rVV2	149333	224928	2.08%	0.192%
46	11.318	1588	1592	1595	rVV3	167742	278155	2.57%	0.238%
47	11.359	1595	1599	1601	rVV2	222988	390480	3.61%	0.334%
48	11.394	1601	1605	1610	rVV	522148	918621	8.49%	0.785%
49	11.447	1610	1614	1619	rVB2	238891	402920	3.72%	0.344%
50	11.553	1627	1632	1637	rVB3	132001	224013	2.07%	0.191%
51	11.653	1645	1649	1657	rVB4	146763	271742	2.51%	0.232%
52	11.765	1664	1668	1674	rVB5	73104	147922	1.37%	0.126%
53	11.841	1674	1681	1688	rBV	1059323	2014911	18.62%	1.722%
54	11.941	1693	1698	1704	rVV	561685	1017790	9.40%	0.870%
55	12.017	1708	1711	1718	rVV6	85156	214131	1.98%	0.183%
56	12.088	1718	1723	1735	rVB6	153294	447942	4.14%	0.383%
57	12.253	1746	1751	1761	rVB7	54200	148612	1.37%	0.127%
58	12.353	1761	1768	1775	rBV4	98401	257932	2.38%	0.220%
59	12.453	1782	1785	1790	rVB3	94037	155083	1.43%	0.133%
60	12.559	1790	1803	1807	rBV5	184293	568997	5.26%	0.486%
61	12.670	1817	1822	1828	rBV	513875	832765	7.69%	0.712%
62	12.823	1843	1848	1859	rVB	726499	1382553	12.77%	1.182%
63	13.012	1872	1880	1887	rBV	1798318	3007437	27.79%	2.571%
64	13.147	1894	1903	1910	rVB7	62059	198285	1.83%	0.169%
65	13.312	1923	1931	1938	rBV	137500	328842	3.04%	0.281%
66	13.406	1945	1947	1954	rVB3	81763	142777	1.32%	0.122%
67	13.588	1969	1978	1984	rBV2	412715	980544	9.06%	0.838%
68	13.647	1984	1988	1993	rVV4	105796	179551	1.66%	0.153%
69	13.770	2003	2009	2016	rVV	1036931	1855475	17.14%	1.586%
70	13.859	2018	2024	2029	rVB	102916	184990	1.71%	0.158%
71	13.923	2029	2035	2039	rBV	1223889	2027566	18.73%	1.733%
72	13.970	2039	2043	2047	rVV	1388429	2400737	22.18%	2.052%
73	14.011	2047	2050	2059	rVV2	696419	1710466	15.80%	1.462%
74	14.094	2059	2064	2070	rVV	339914	539494	4.98%	0.461%
75	14.159	2071	2075	2081	rVV	94753	145638	1.35%	0.124%
76	14.217	2081	2085	2092	rVB	87638	149170	1.38%	0.128%

Sample Results: **VN088021.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

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\82N092325W.M
Title : SW846 8260

77	14.306	2093	2100	2106	rBV	3377712	5326488	49.22%	4.553%
78	14.370	2106	2111	2114	rVV	610175	1013061	9.36%	0.866%
79	14.417	2114	2119	2126	rVV2	2062576	3637534	33.61%	3.109%
80	14.488	2126	2131	2135	rVV5	99200	152758	1.41%	0.131%
81	14.553	2138	2142	2146	rVV2	128023	201117	1.86%	0.172%
82	14.629	2146	2155	2164	rVB	1936069	3258762	30.11%	2.786%
83	14.711	2164	2169	2172	rBV	193758	288801	2.67%	0.247%
84	14.853	2184	2193	2196	rVV2	141861	288856	2.67%	0.247%
85	14.900	2196	2201	2213	rVB	1422479	2707694	25.02%	2.314%
86	15.023	2213	2222	2228	rBV3	2427287	5708313	52.74%	4.879%
87	15.076	2228	2231	2238	rVB2	179428	381515	3.53%	0.326%
88	15.182	2244	2249	2255	rBV3	108515	196790	1.82%	0.168%
89	15.288	2255	2267	2272	rVV2	768739	1971012	18.21%	1.685%
90	15.335	2272	2275	2280	rVV	357871	606760	5.61%	0.519%
91	15.411	2280	2288	2298	rVB3	737199	1828729	16.90%	1.563%
92	15.558	2308	2313	2320	rVB3	76018	144670	1.34%	0.124%
93	15.670	2326	2332	2336	rBV2	118464	227234	2.10%	0.194%
94	15.717	2336	2340	2344	rBV4	159791	290066	2.68%	0.248%
95	15.911	2366	2373	2381	rBV	293323	611374	5.65%	0.523%
96	16.094	2395	2404	2409	rBV2	221343	597465	5.52%	0.511%
97	16.223	2421	2426	2431	rBV	95588	195160	1.80%	0.167%
98	16.311	2433	2441	2448	rVB4	160460	385014	3.56%	0.329%
99	16.470	2459	2468	2480	rBV3	180534	443898	4.10%	0.379%
100	16.747	2507	2515	2522	rVV2	552660	1227989	11.35%	1.050%

Sum of corrected areas: 116989293

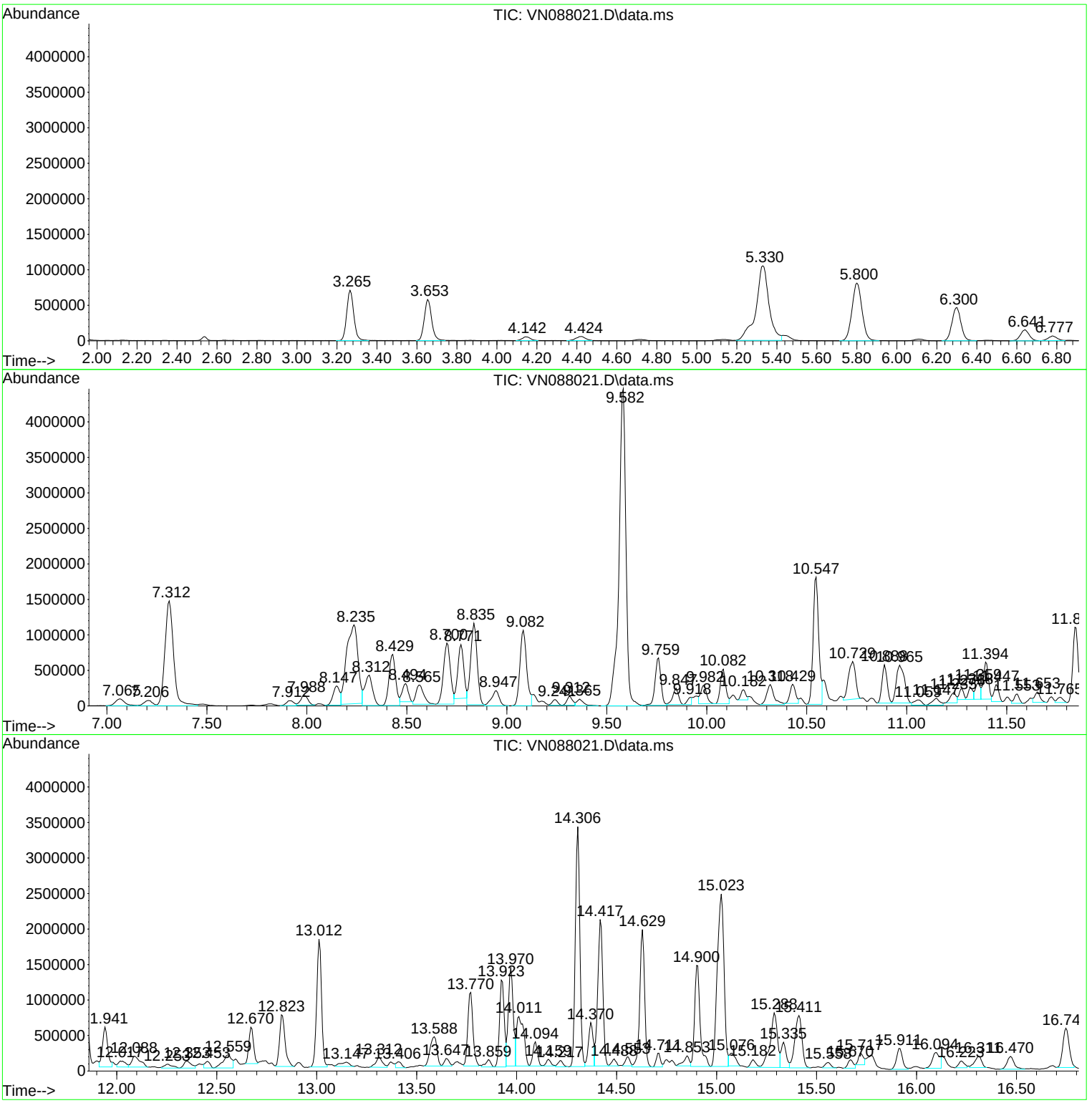
Sample Results: **VN088021.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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



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Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

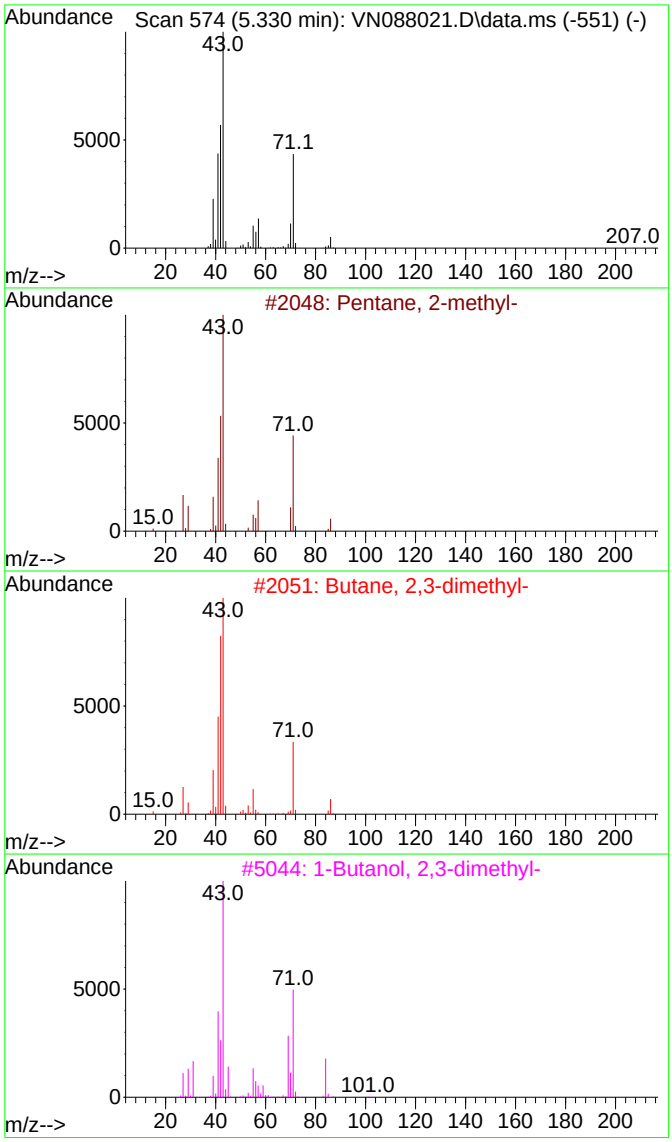
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

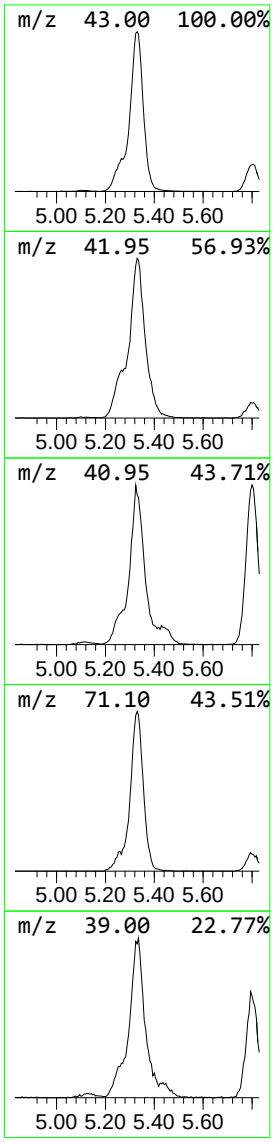
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	54.08 ug/l	4751660	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	N-Vinylformamide	71	C3H5NO	013162-05-5	38





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

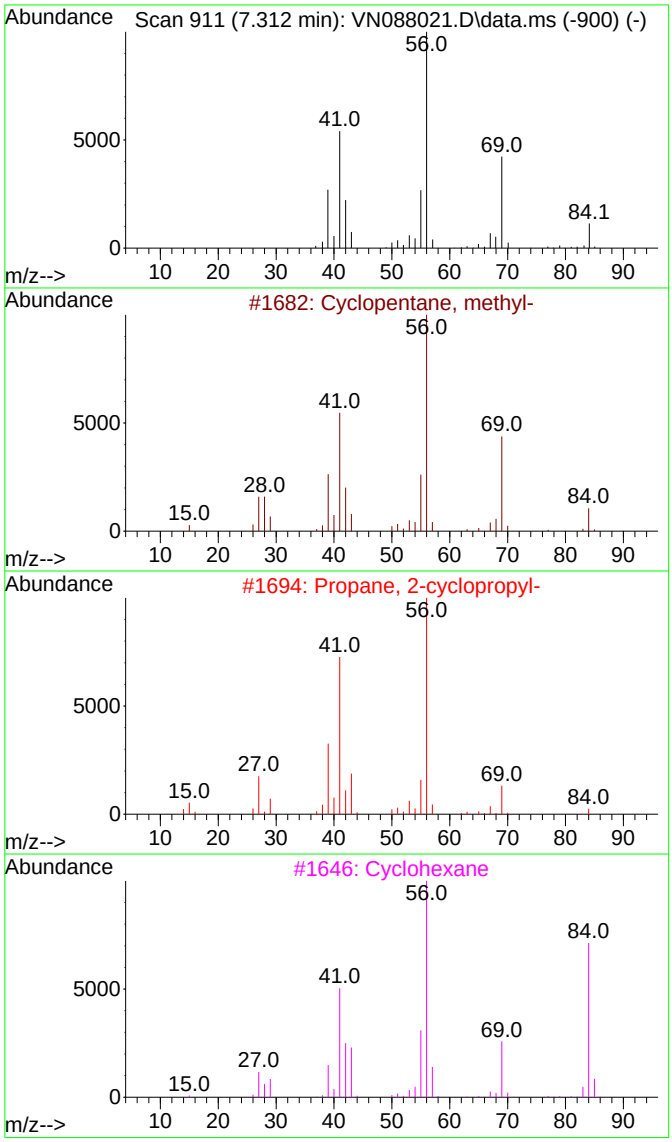
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

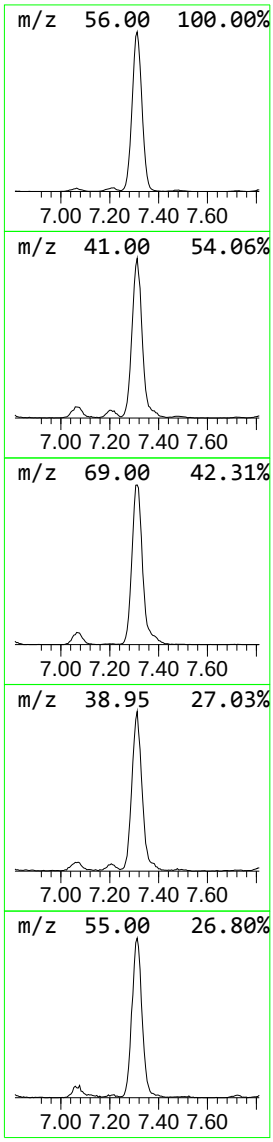
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	50.39 ug/l	4427680	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	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	64





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

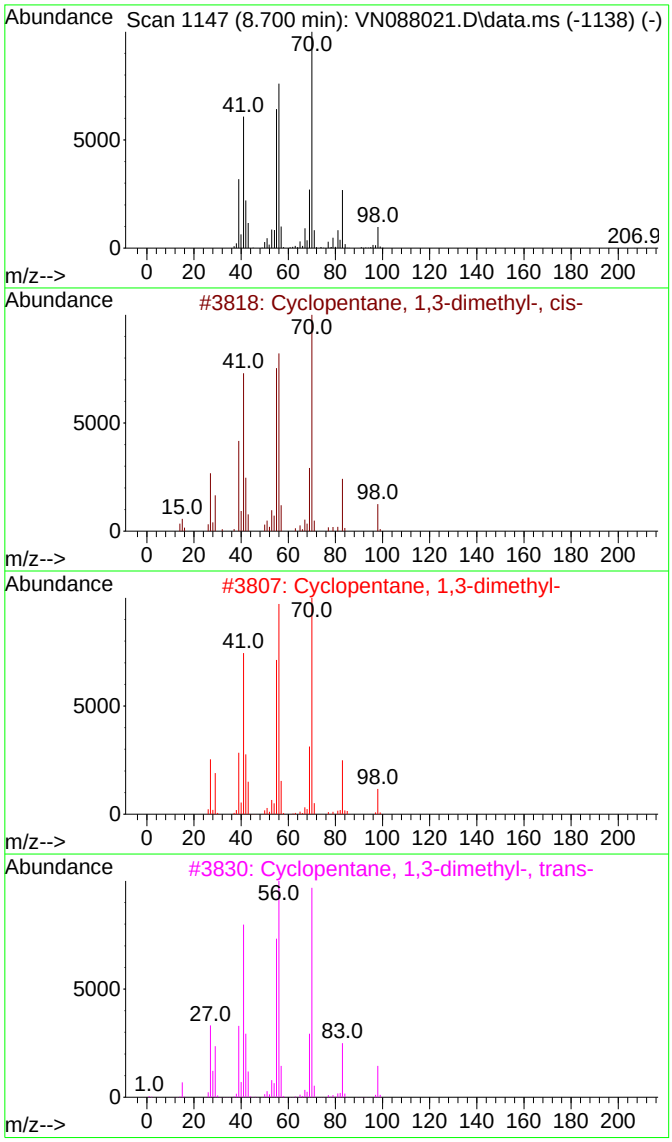
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

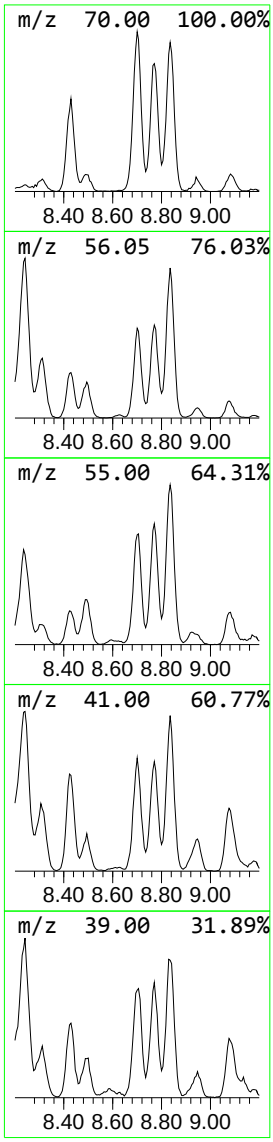
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.700	41.61 ug/l	2087600	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	95
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





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Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

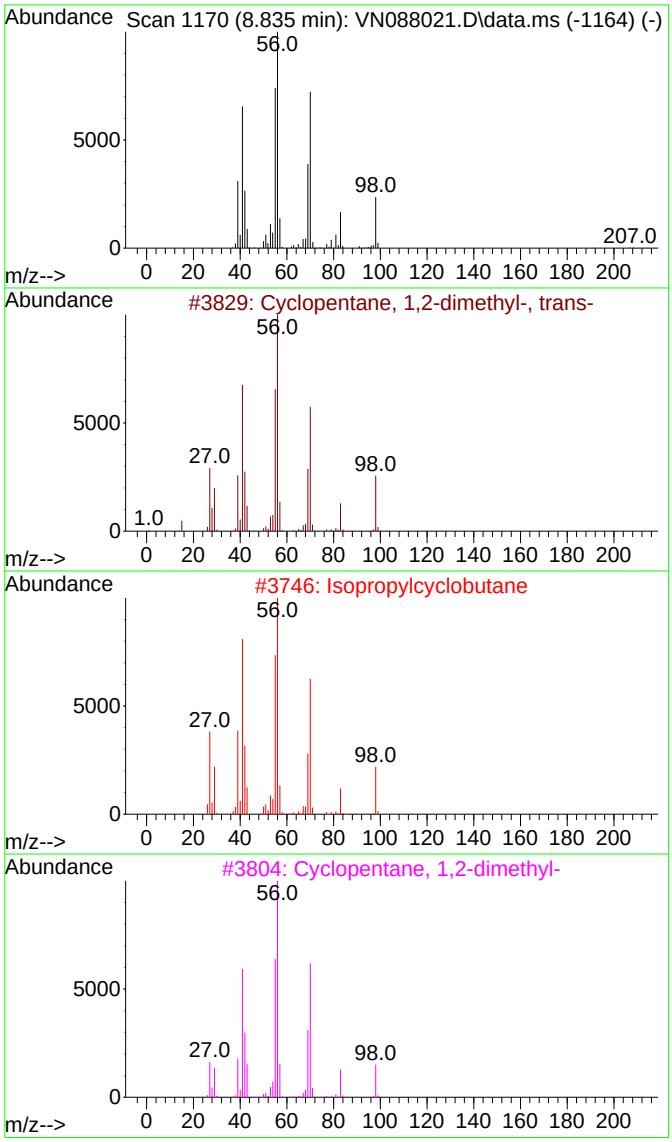
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

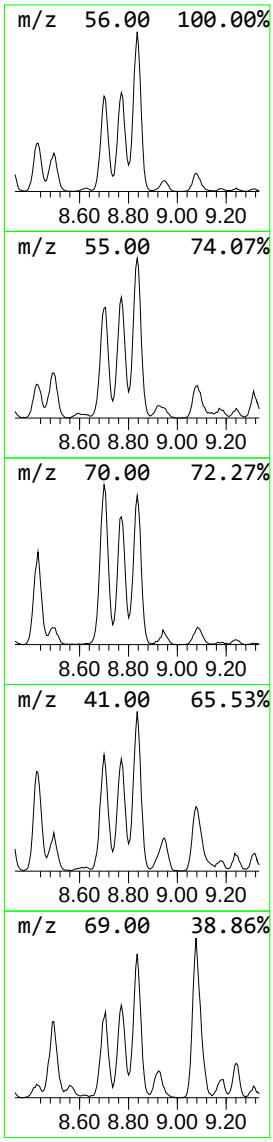
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,2-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.835	50.93 ug/l	2554980	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	1-Heptene	98	C7H14	000592-76-7	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

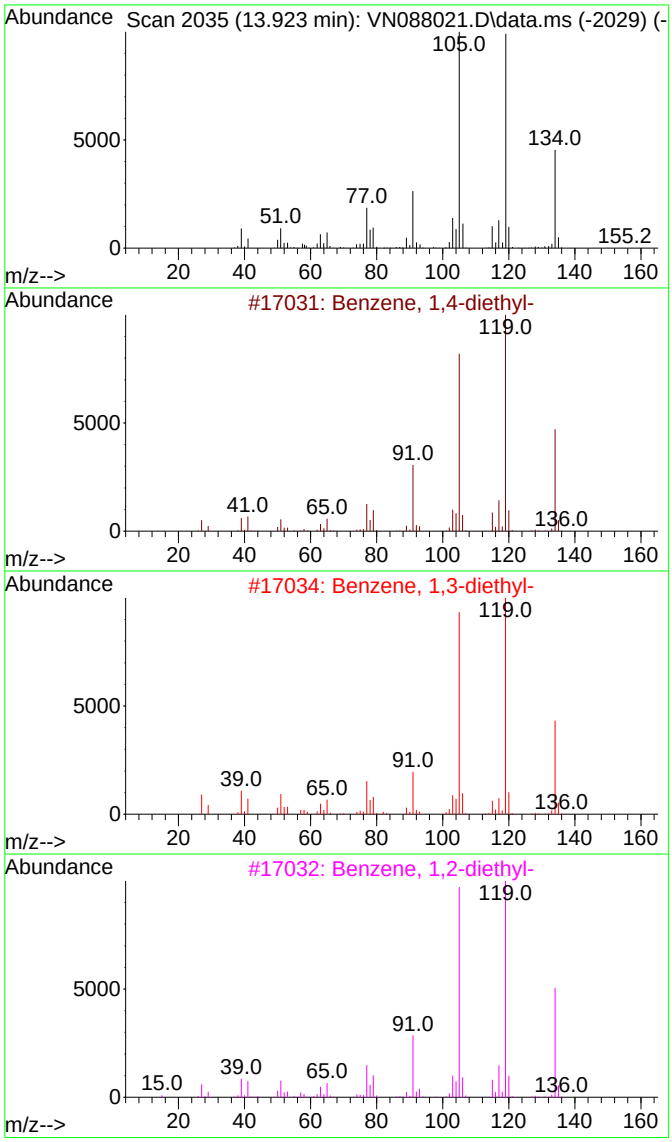
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

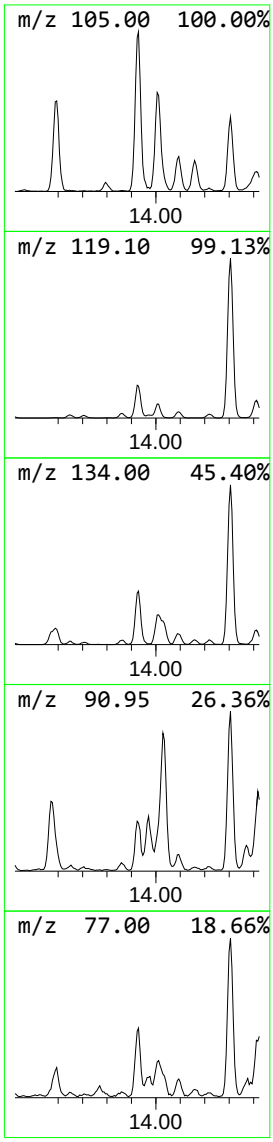
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.923	54.64 ug/l	2027570	1,4-Dichlorobenzene-d4	13.770

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	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

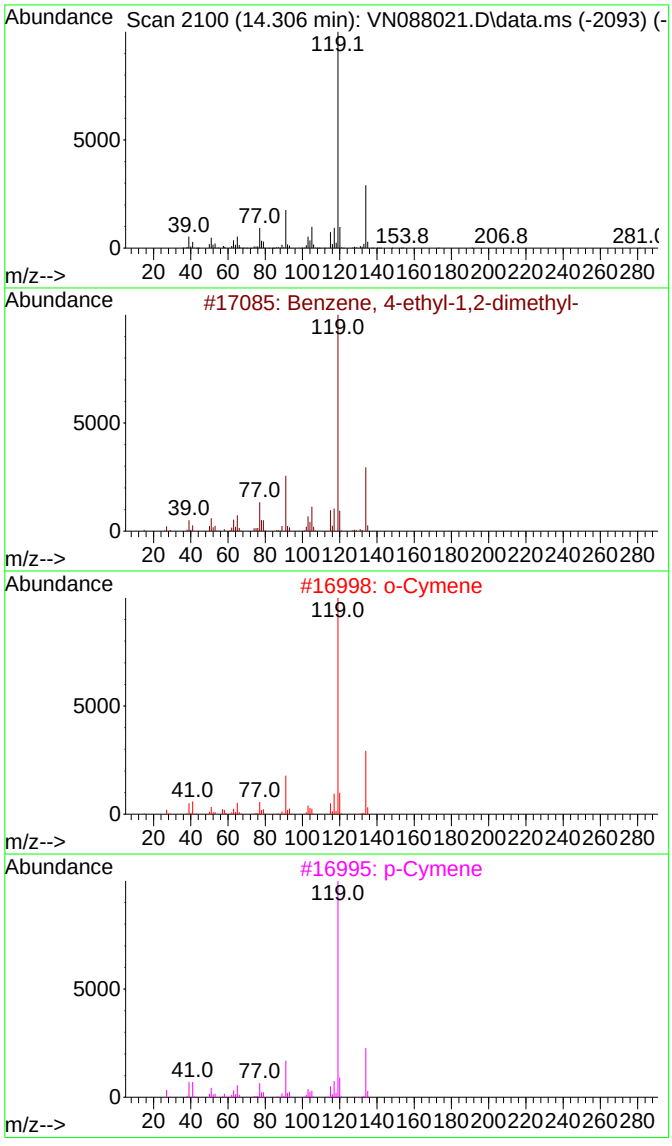
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

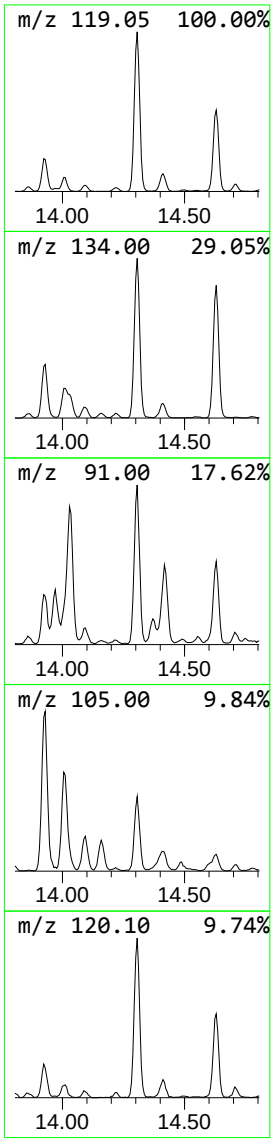
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	143.53 ug/l	5326490	1,4-Dichlorobenzene-d4	13.770

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





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

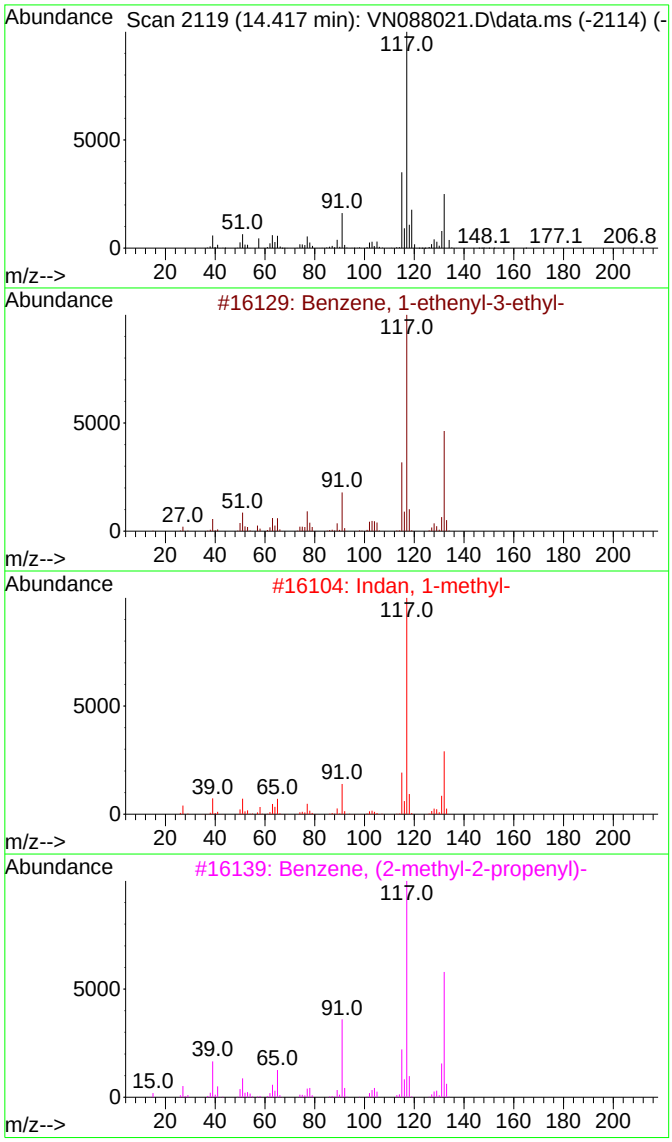
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

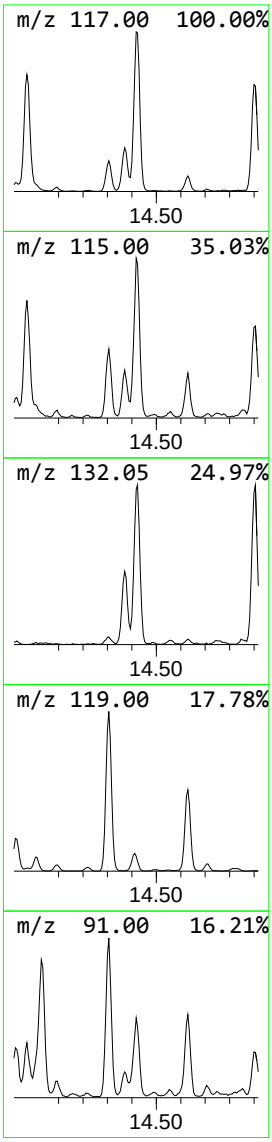
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.417	98.02 ug/l	3637530	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

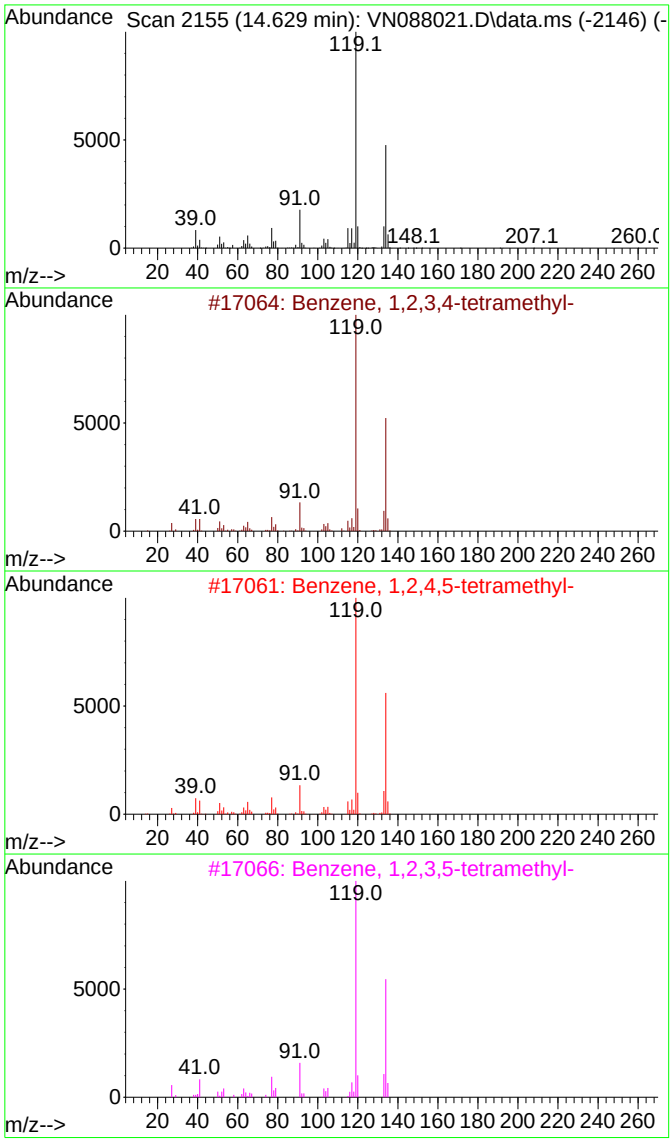
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

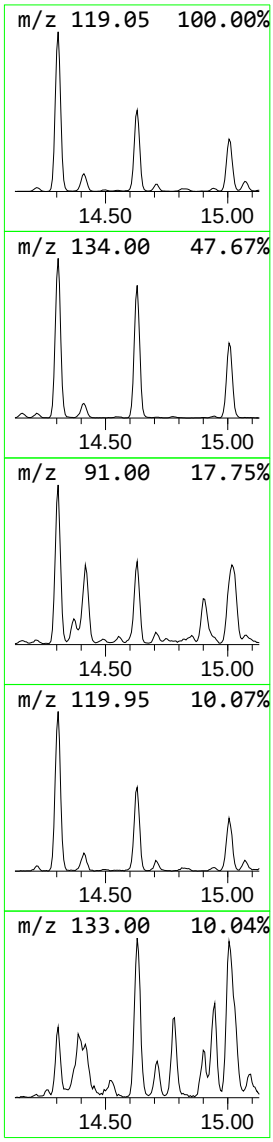
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	87.81 ug/l	3258760	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

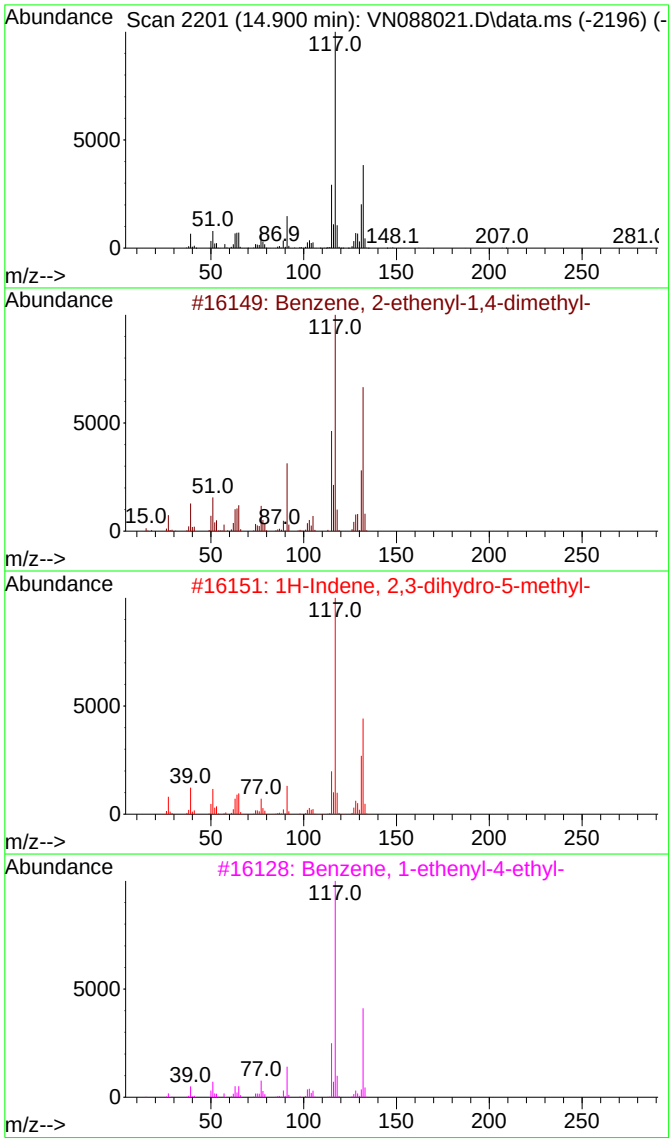
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

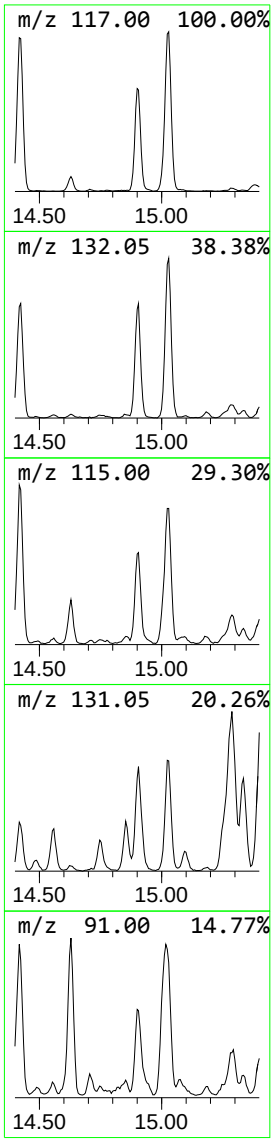
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	72.97 ug/l	2707690	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91





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Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

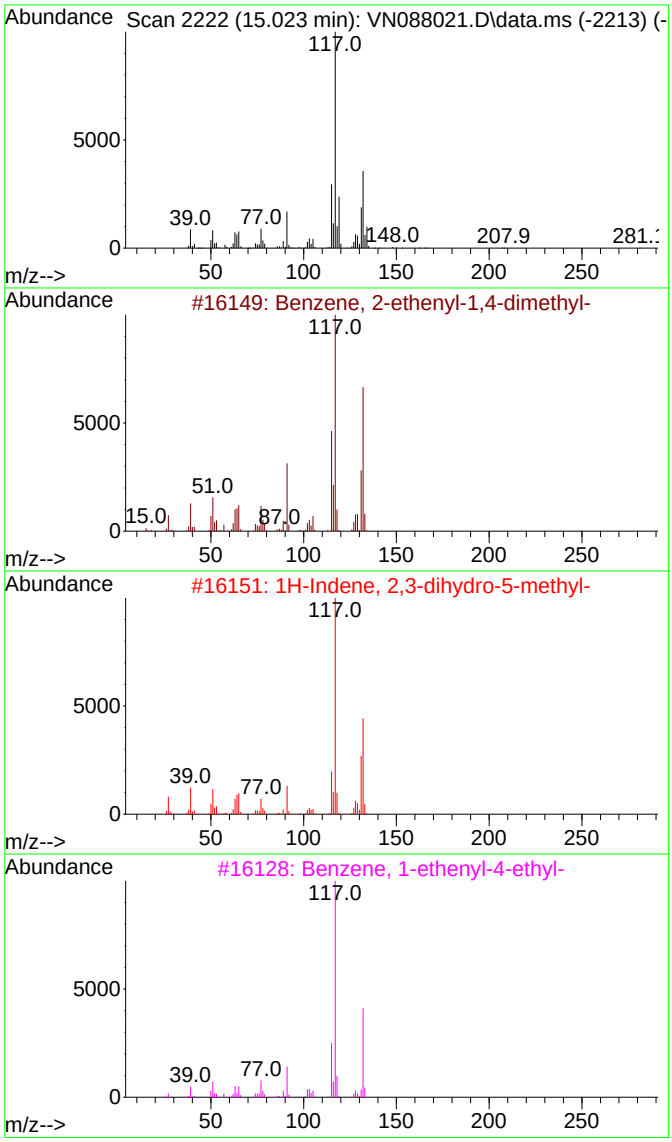
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

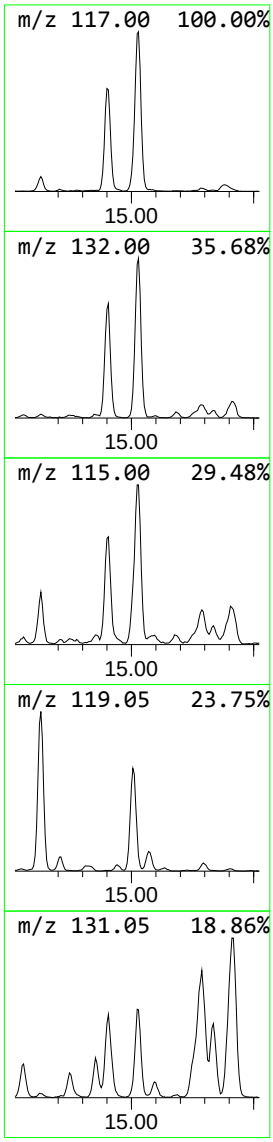
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	153.82 ug/l	5708310	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





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Data File : VN088021.D
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Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

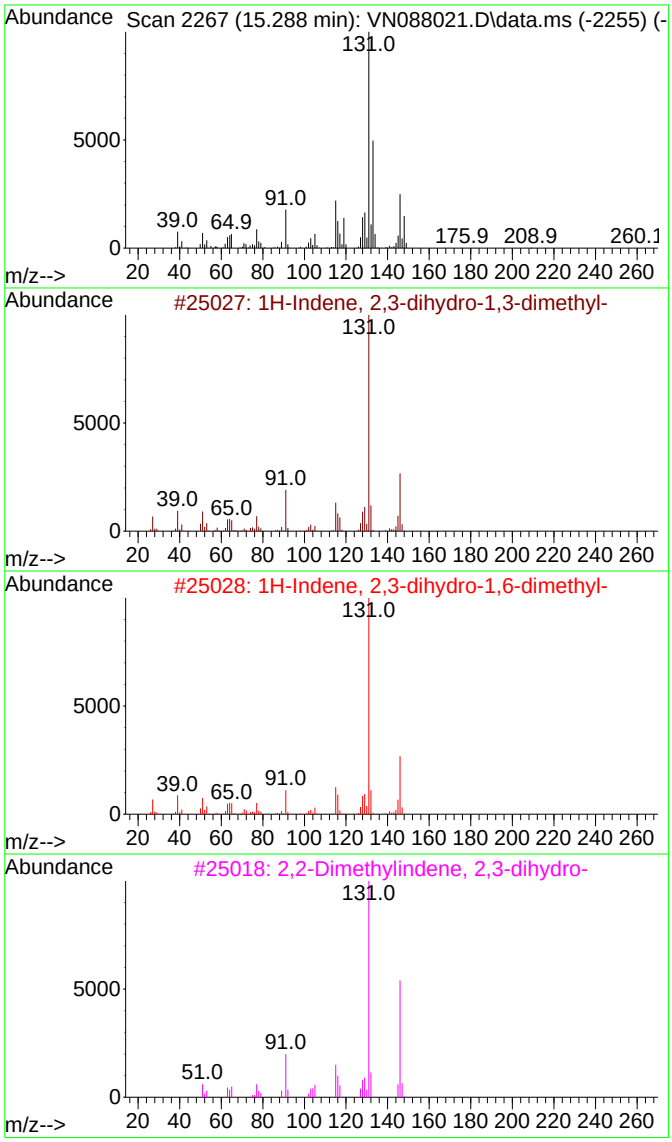
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

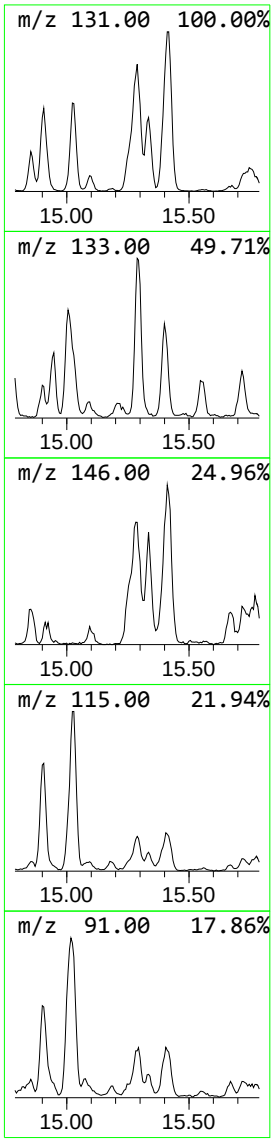
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	53.11 ug/l	1971010	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

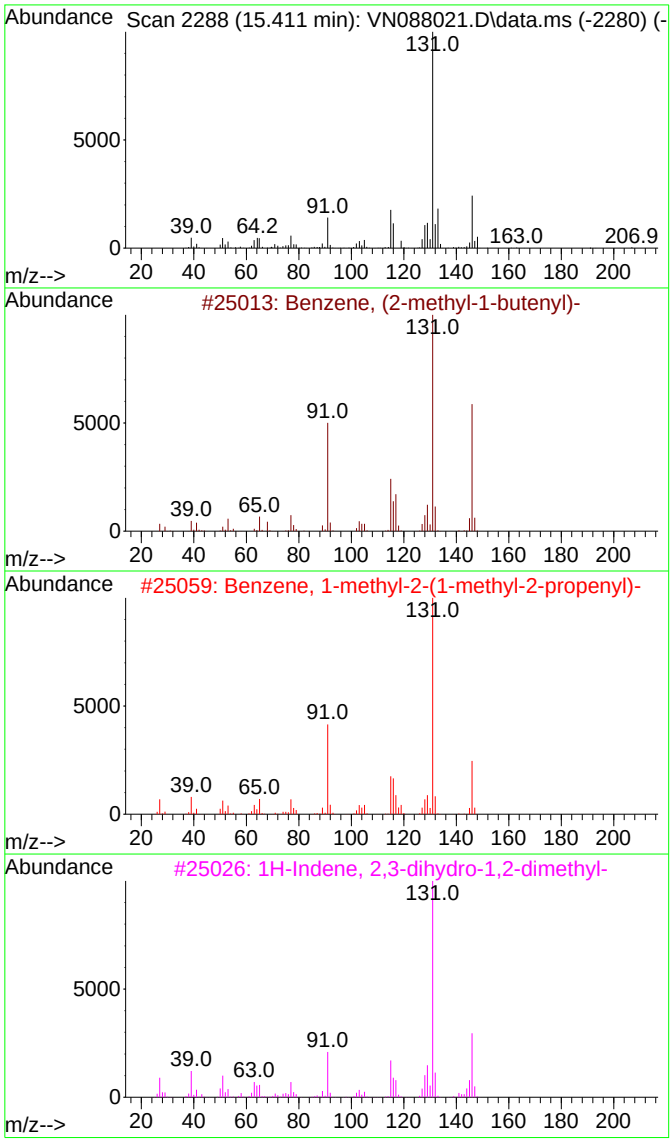
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

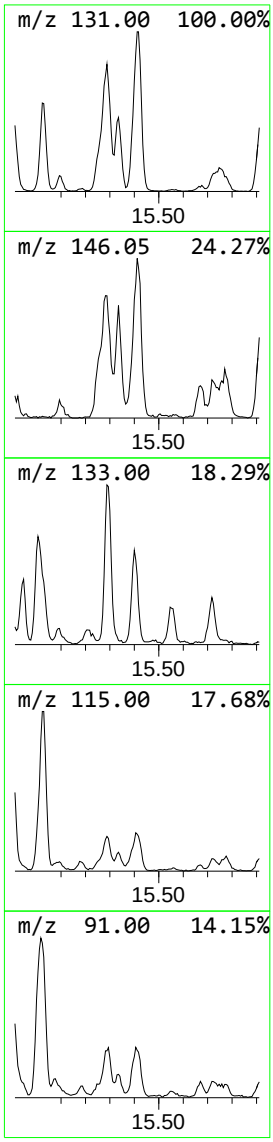
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.411	49.28 ug/l	1828730	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088021.D
Acq On : 03 Oct 2025 14:17
Operator : JC\MD
Sample : Q3274-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.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
Pentane, 2-methyl-	5.330	54.1	ug/l	4751660	1	8.212	4393350	50.0
Cyclopentane, m...	7.312	50.4	ug/l	4427680	1	8.212	4393350	50.0
Cyclopentane, 1...	8.700	41.6	ug/l	2087600	2	9.082	2508440	50.0
Cyclopentane, 1...	8.835	50.9	ug/l	2554980	2	9.082	2508440	50.0
Benzene, 1,4-di...	13.923	54.6	ug/l	2027570	4	13.770	1855480	50.0
Benzene, 4-ethy...	14.306	143.5	ug/l	5326490	4	13.770	1855480	50.0
Benzene, 1-ethe...	14.417	98.0	ug/l	3637530	4	13.770	1855480	50.0
Benzene, 1,2,3,...	14.629	87.8	ug/l	3258760	4	13.770	1855480	50.0
Benzene, 2-ethe...	14.900	73.0	ug/l	2707690	4	13.770	1855480	50.0
1H-Indene, 2,3-...	15.023	153.8	ug/l	5708310	4	13.770	1855480	50.0
1H-Indene, 2,3-...	15.288	53.1	ug/l	1971010	4	13.770	1855480	50.0
Benzene, (2-met...	15.411	49.3	ug/l	1828730	4	13.770	1855480	50.0

Raw Data: **VN088027.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088027.D	10	10/03/25 16:37	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	UD	2.20	50.0	ug/L
74-87-3	Chloromethane	3.20	UD	3.20	50.0	ug/L
75-01-4	Vinyl Chloride	2.60	UD	2.60	50.0	ug/L
74-83-9	Bromomethane	14.4	UD	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	UD	4.70	50.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	UD	3.30	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.30	UD	2.30	50.0	ug/L
67-64-1	Acetone	15.1	UD	15.1	250	ug/L
75-15-0	Carbon Disulfide	2.10	UD	2.10	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	2.70	UD	2.70	50.0	ug/L
75-09-2	Methylene Chloride	2.80	UD	2.80	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	UD	2.30	50.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	190	D	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	UD	9.80	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	UD	1.90	50.0	ug/L
74-97-5	Bromochloromethane	2.20	UD	2.20	50.0	ug/L
67-66-3	Chloroform	2.50	UD	2.50	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	UD	2.00	50.0	ug/L
108-87-2	Methylcyclohexane	450	D	1.60	50.0	ug/L
71-43-2	Benzene	5.40	JD	1.50	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	UD	2.20	50.0	ug/L
79-01-6	Trichloroethene	0.93	UD	0.93	50.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	UD	2.00	50.0	ug/L
75-27-4	Bromodichloromethane	2.20	UD	2.20	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	UD	6.80	250	ug/L
108-88-3	Toluene	1.40	UD	1.40	50.0	ug/L

Raw Data: **VN088027.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088027.D	10	10/03/25 16:37	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.70	UD	1.70	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	UD	1.60	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	8.90	UD	8.90	250	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	UD	1.50	50.0	ug/L
127-18-4	Tetrachloroethene	2.30	UD	2.30	50.0	ug/L
108-90-7	Chlorobenzene	1.20	UD	1.20	50.0	ug/L
100-41-4	Ethyl Benzene	15.6	JD	1.30	50.0	ug/L
179601-23-1	m/p-Xylenes	2.40	UD	2.40	100	ug/L
95-47-6	o-Xylene	1.20	UD	1.20	50.0	ug/L
100-42-5	Styrene	1.50	UD	1.50	50.0	ug/L
75-25-2	Bromoform	1.90	UD	1.90	50.0	ug/L
98-82-8	Isopropylbenzene	24.9	JD	1.20	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	UD	2.60	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	UD	1.60	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	UD	1.90	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	UD	1.60	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	UD	5.30	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	UD	2.00	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	UD	2.00	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	193000	8.206			
540-36-3	1,4-Difluorobenzene	426000	9.082			
3114-55-4	Chlorobenzene-d5	420000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	205000	13.77			

Raw Data: **VN088027.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW4DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088027.D	10	10/03/25 16:37	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088027.D
Acq On : 03 Oct 2025 16:37
Operator : JC\MD
Sample : Q3274-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 04 03:00:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	193443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	426224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	419833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	205320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	175119	53.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.580%			
35) Dibromofluoromethane	8.147	113	146268	47.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.540%			
50) Toluene-d8	10.547	98	538729	49.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.829	95	197115	50.673	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.340%			
Target Compounds						Qvalue
31) Cyclohexane	8.235	56	68367	18.728	ug/l #	92
39) Methylcyclohexane	9.576	83	185418	45.169	ug/l	97
40) Benzene	8.594	78	6634	0.538	ug/l #	84
67) Ethyl Benzene	11.947	91	23183	1.555	ug/l	98
73) Isopropylbenzene	12.676	105	31633	2.486	ug/l	98
78) n-propylbenzene	13.017	91	122920	7.726	ug/l	99
85) sec-Butylbenzene	13.594	105	24672	1.806	ug/l #	73
89) n-Butylbenzene	14.035	91	31409m	2.873	ug/l	

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

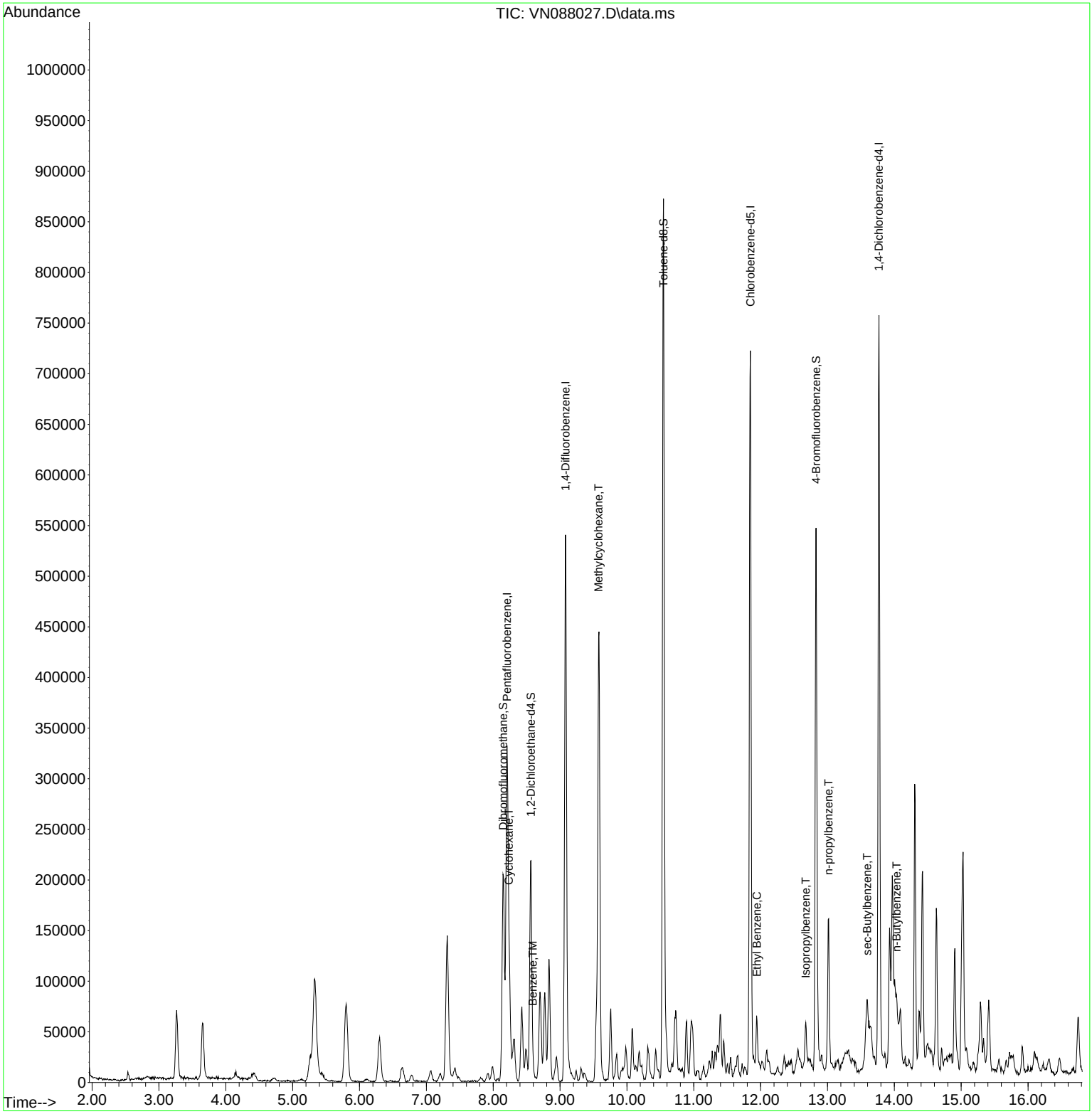
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088027.D
Acq On : 03 Oct 2025 16:37
Operator : JC\MD
Sample : Q3274-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

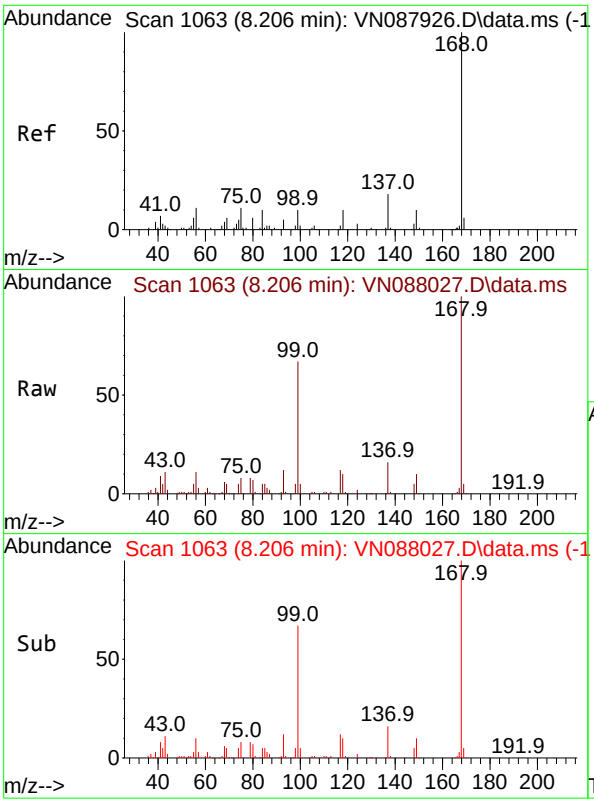
Quant Time: Oct 04 03:00:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

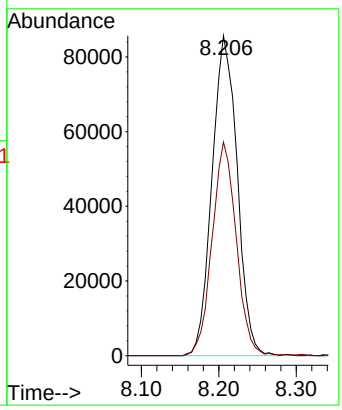
Tgt Ion:168 Resp: 19344

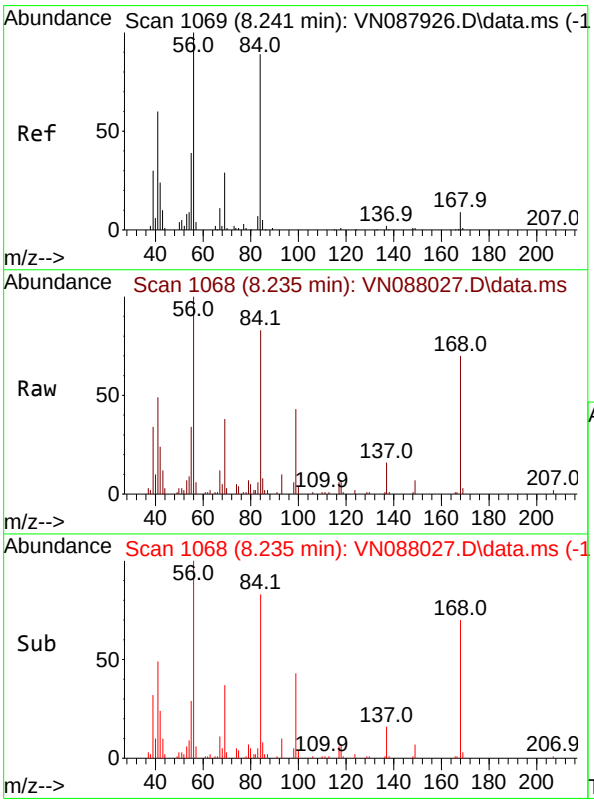
Ion	Ratio	Lower	Upper
168	100		
99	66.7	52.2	78.2

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

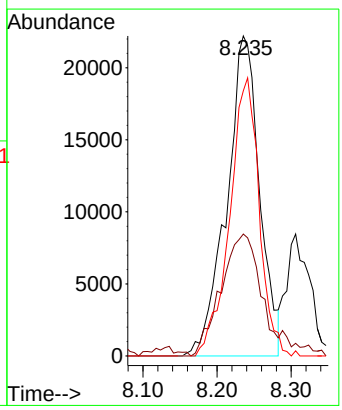


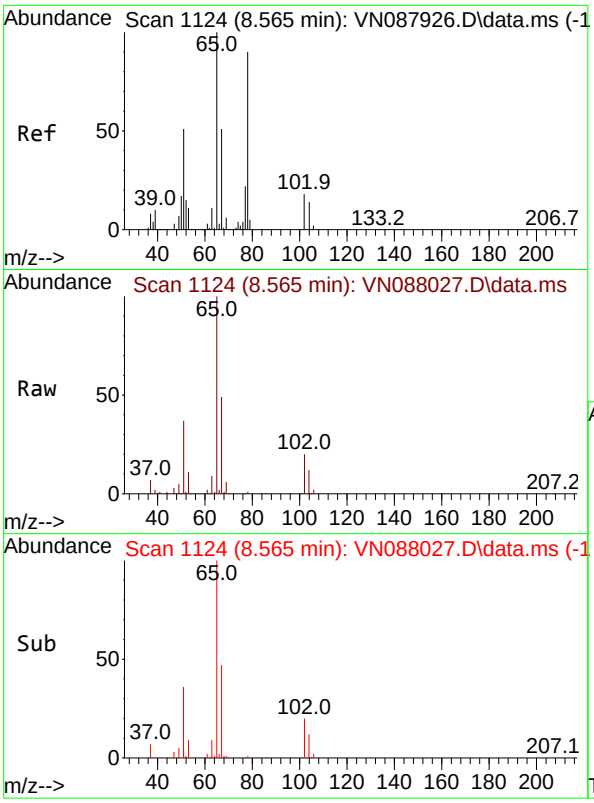


#31
Cyclohexane
Concen: 18.728 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 56 Resp: 68367

Ion	Ratio	Lower	Upper
56	100		
69	36.9	23.4	35.0#
84	82.9	70.8	106.2





#33
1,2-Dichloroethane-d4
Concen: 53.792 ug/l
RT: 8.565 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

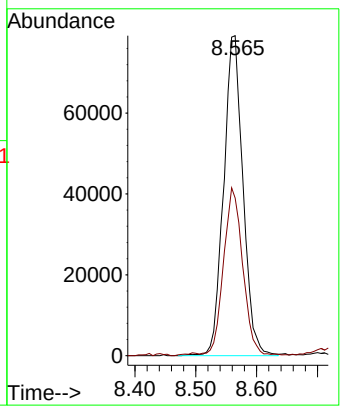
Tgt Ion: 65 Resp: 17511

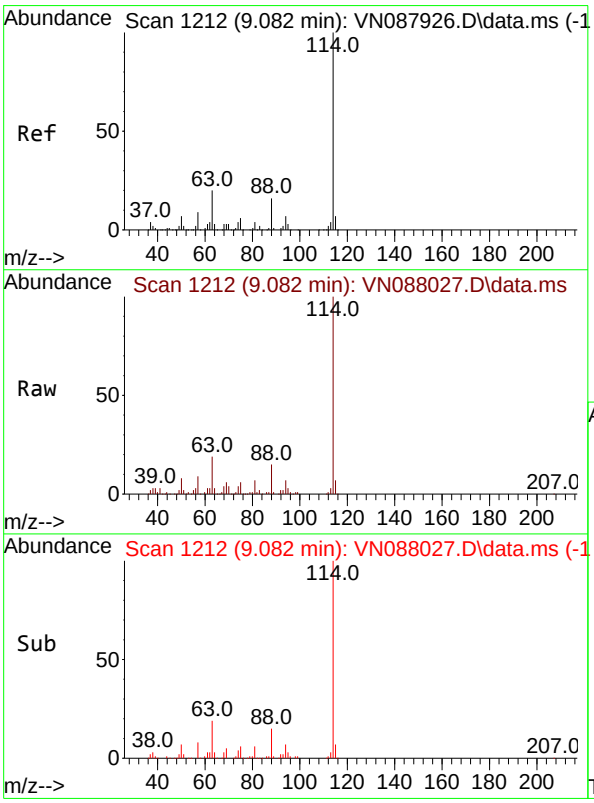
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

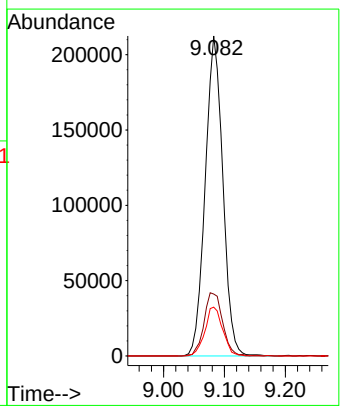


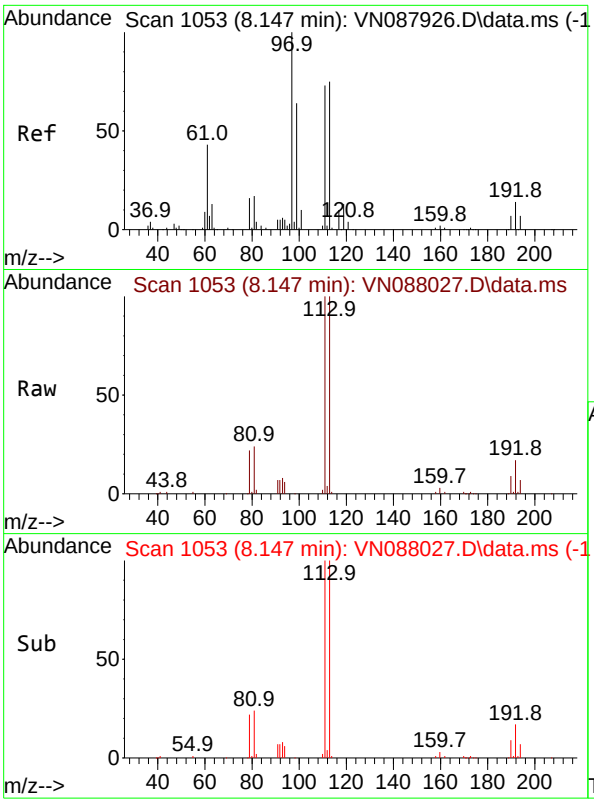


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:114 Resp: 426224

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	15.3	0.0	31.8





#35
Dibromofluoromethane
Concen: 47.265 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

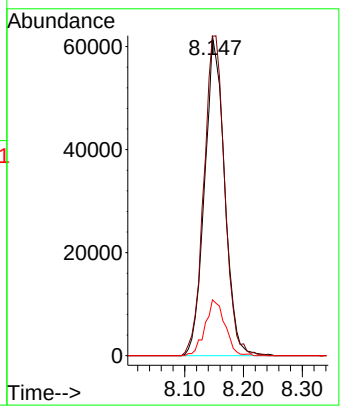
Tgt Ion:113 Resp: 14626

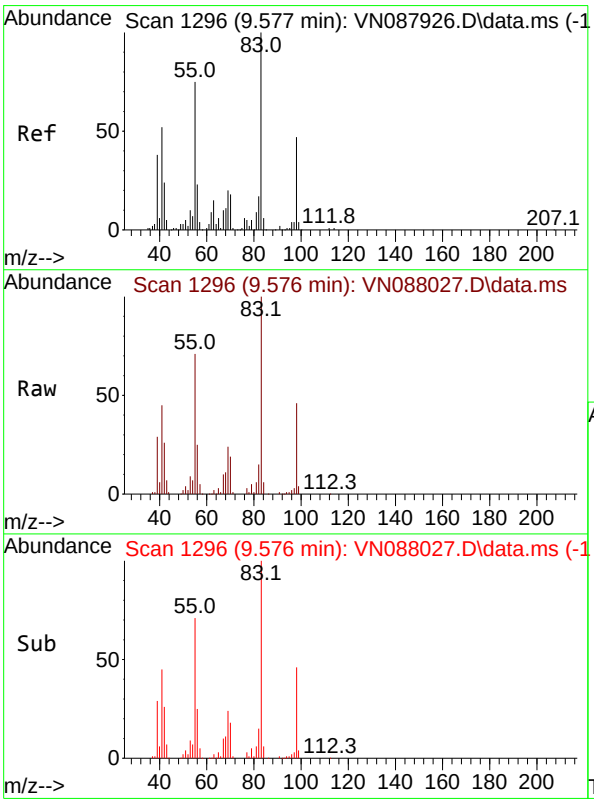
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.2
192	17.4	14.2	21.2

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

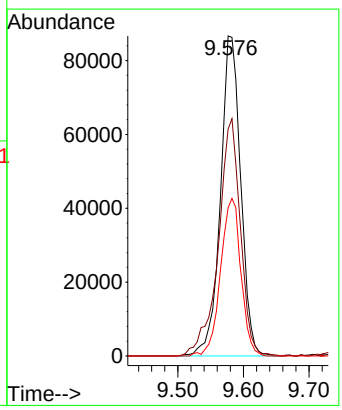


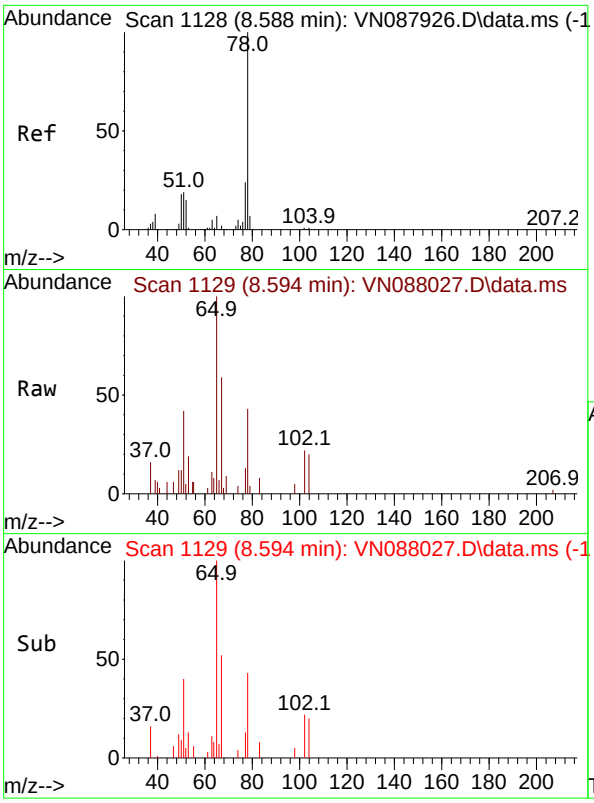


#39
Methylcyclohexane
Concen: 45.169 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 83 Resp: 185418

Ion	Ratio	Lower	Upper
83	100		
55	70.9	59.9	89.9
98	46.3	37.4	56.2





#40
Benzene
Concen: 0.538 ug/l
RT: 8.594 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

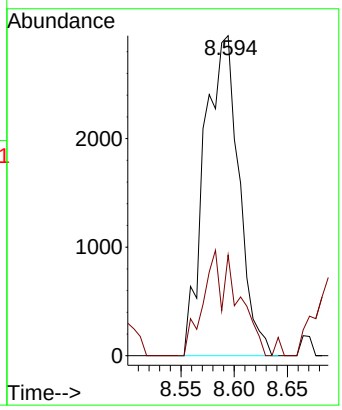
Tgt Ion: 78 Resp: 663

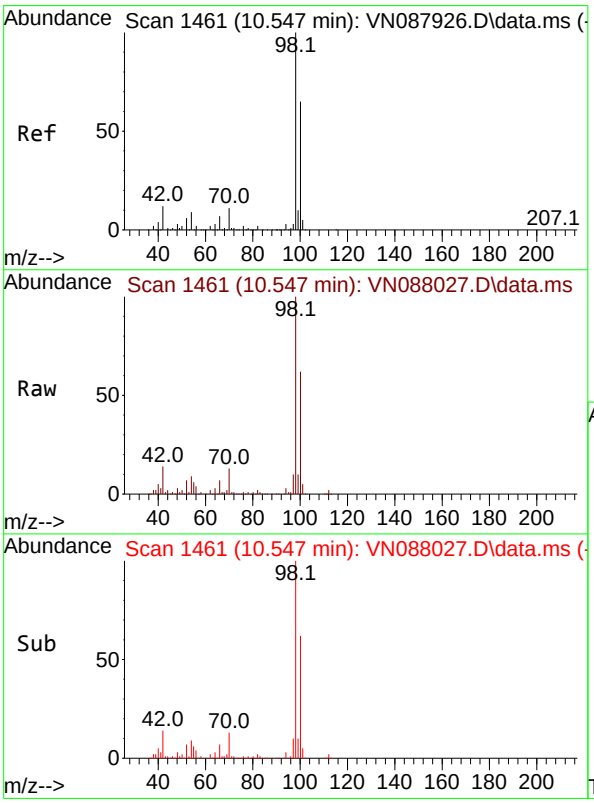
Ion	Ratio	Lower	Upper
78	100		
77	31.4	19.0	28.6

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

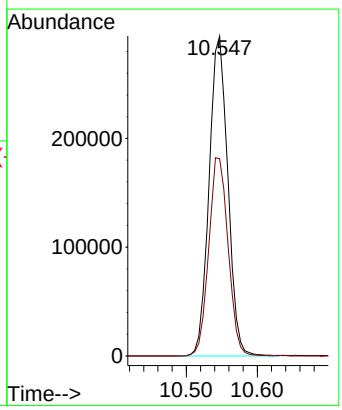


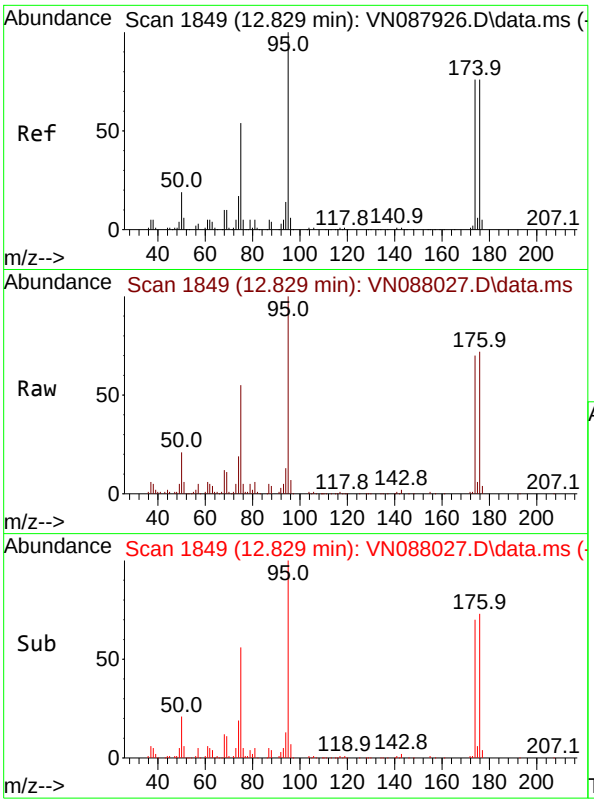


#50
Toluene-d8
Concen: 49.504 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 98 Resp: 538729

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





#62
4-Bromofluorobenzene
Concen: 50.673 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

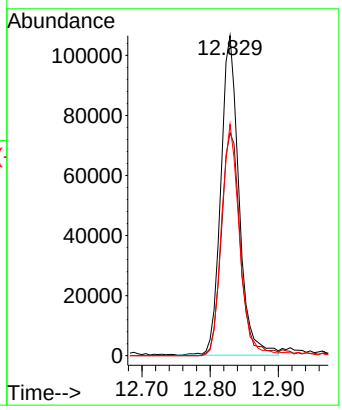
Tgt Ion: 95 Resp: 19711

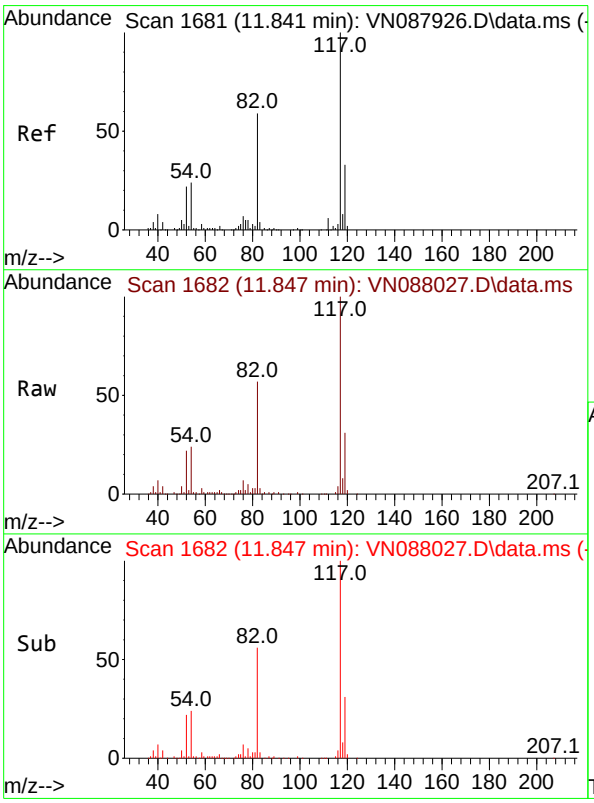
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	159.2
176	71.7	0.0	152.6

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

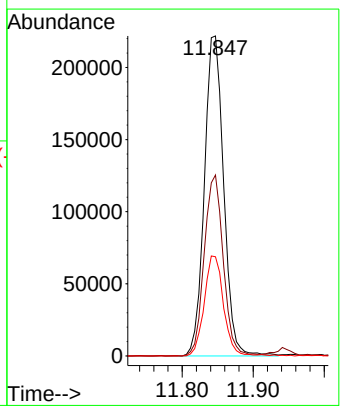


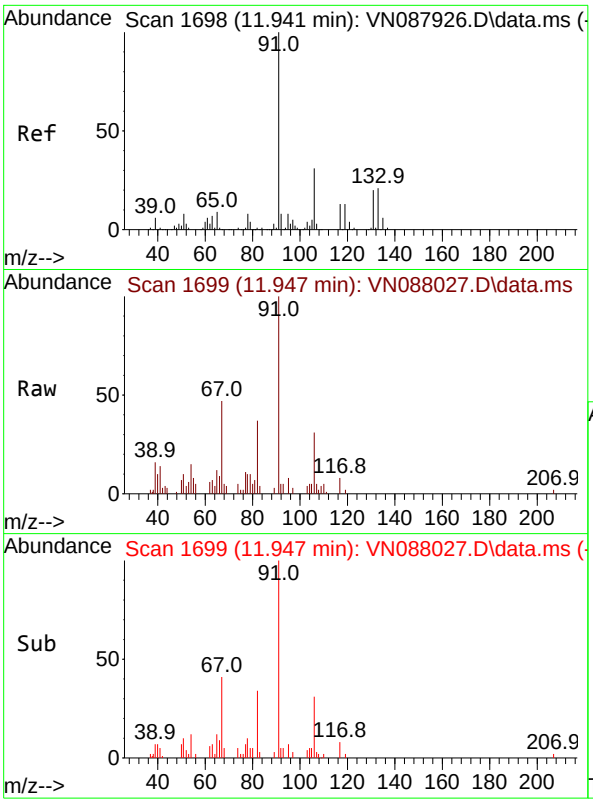


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:117 Resp: 419833

Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.0	70.4
119	31.0	26.1	39.1

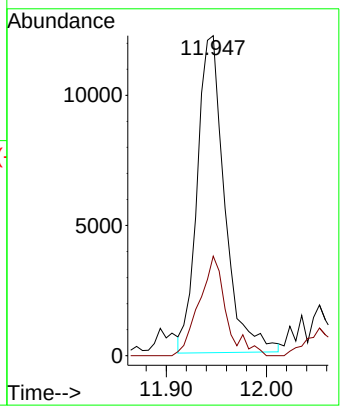




#67
Ethyl Benzene
Concen: 1.555 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 91 Resp: 2318

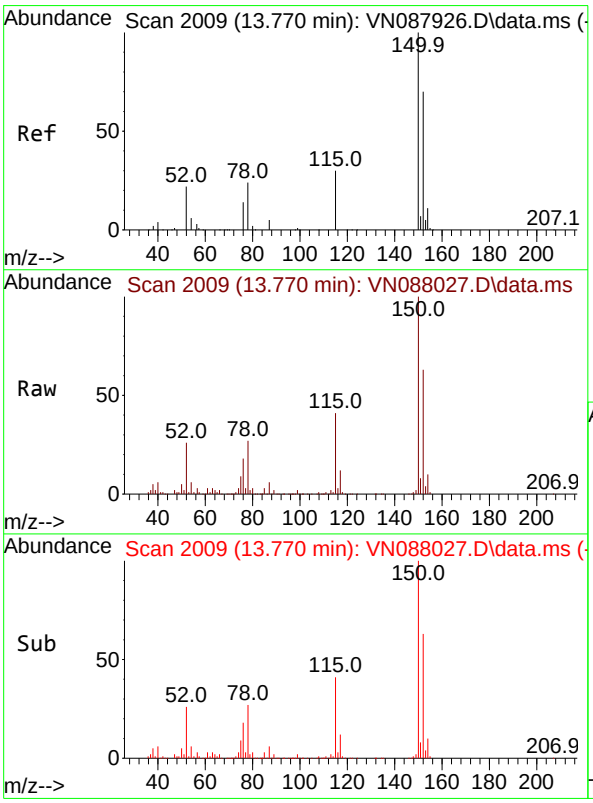
Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.2	37.8



Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

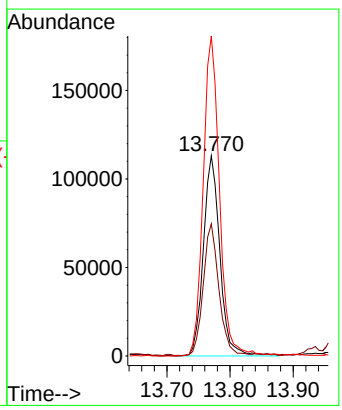
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

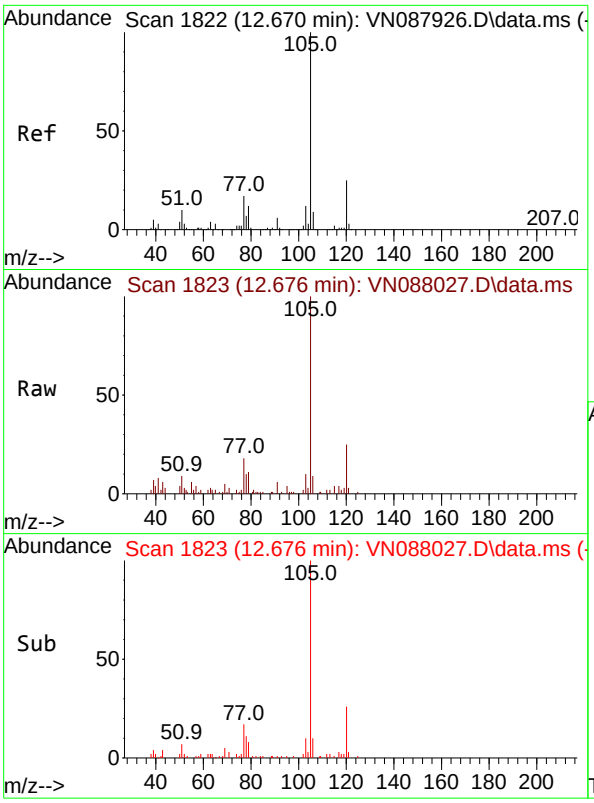


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:152 Resp: 205320

Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	157.7	0.0	335.0

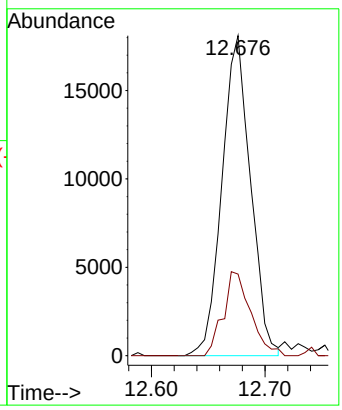




#73
Isopropylbenzene
Concen: 2.486 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion:105 Resp: 3163

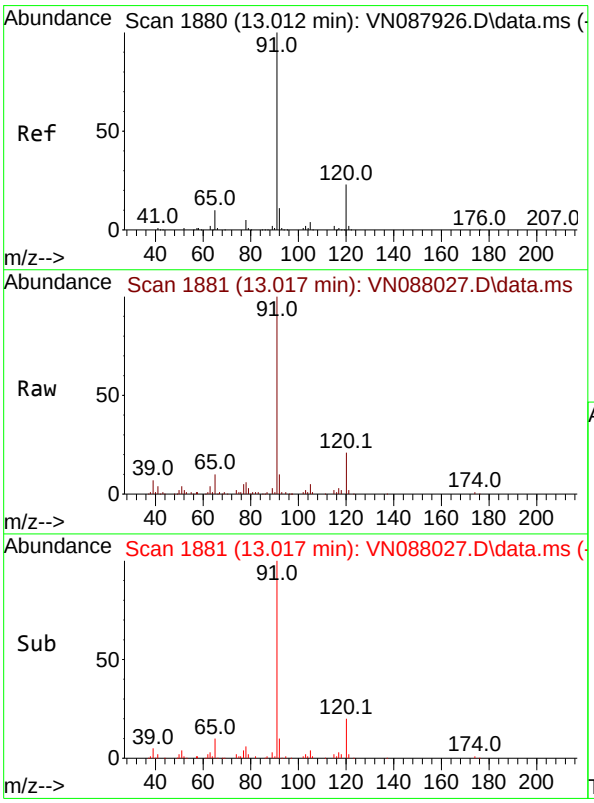
Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.1	39.1



Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

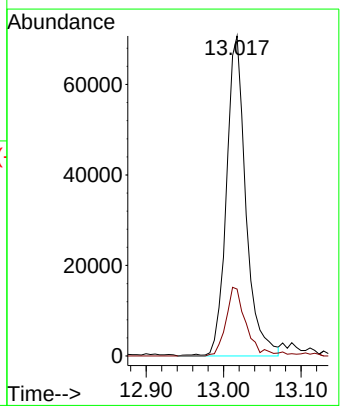
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

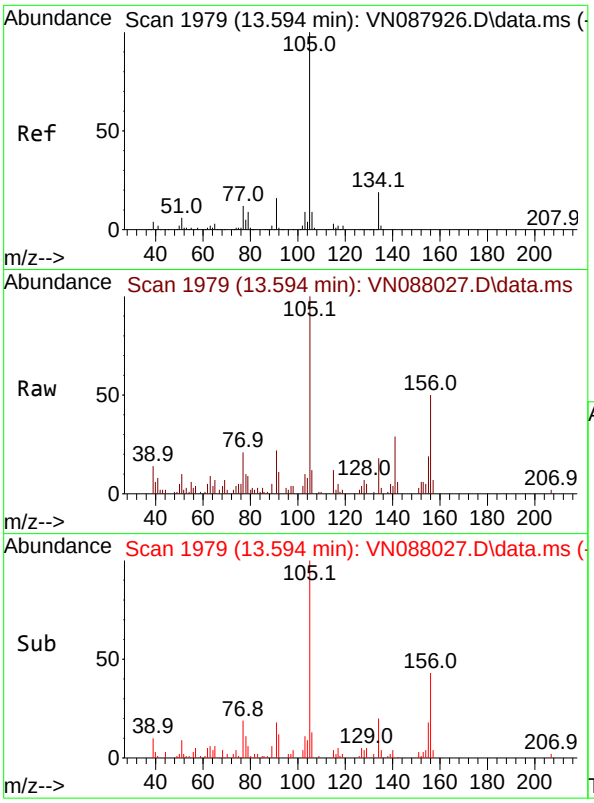


#78
n-propylbenzene
Concen: 7.726 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 91 Resp: 122920

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1





#85
sec-Butylbenzene
Concen: 1.806 ug/l
RT: 13.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

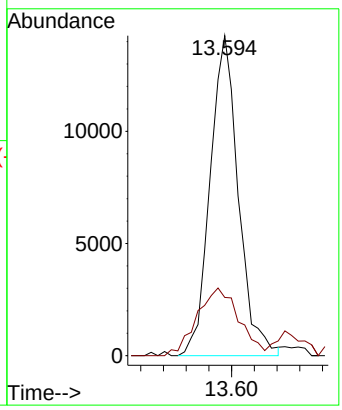
Tgt Ion:105 Resp: 2467

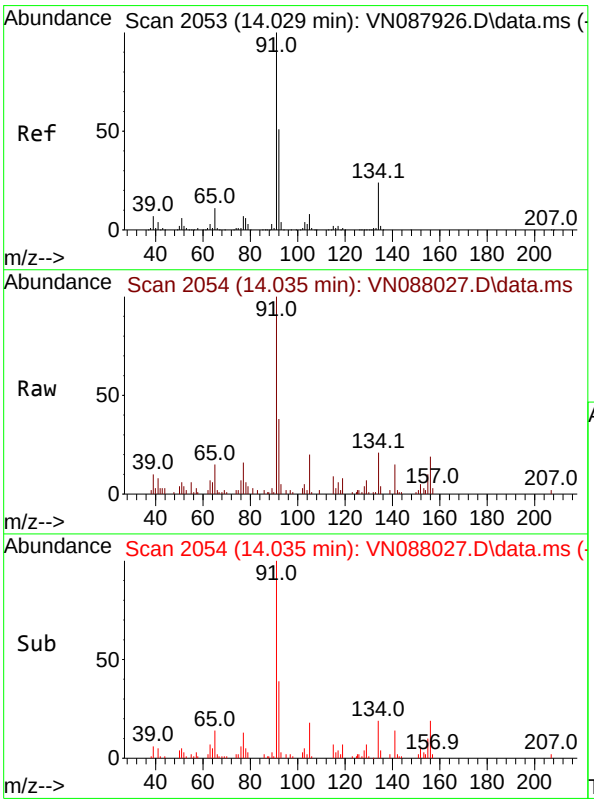
Ion	Ratio	Lower	Upper
105	100		
134	31.4	9.6	28.8#

Instrument :
MSVOA_N
ClientSampleId :
MW4DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

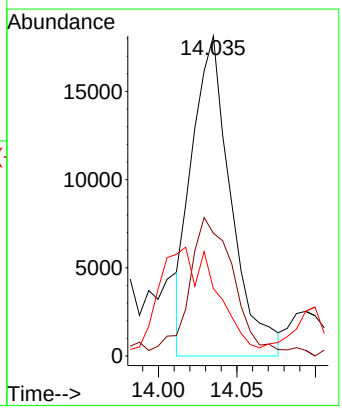




#89
n-Butylbenzene
Concen: 2.873 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088027.D
Acq: 03 Oct 2025 16:37

Tgt Ion: 91 Resp: 31409

Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.9	77.8
134	50.9	12.6	37.8#



Raw Data: **VN088022.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3274
Lab Sample ID:	Q3274-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088022.D	1	10/03/25 14:38	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	180		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	260	E	1.50	5.00	ug/L
78-93-3	2-Butanone	5.20	J	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	220	E	0.16	5.00	ug/L
71-43-2	Benzene	75.1		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	7.10		0.14	5.00	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3274
Lab Sample ID:	Q3274-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088022.D	1	10/03/25 14:38	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	11.4		0.24	10.0	ug/L
95-47-6	o-Xylene	3.50	J	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	58.0		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.4		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	43.3		70 (75) - 130 (124)	87%	SPK: 50
2037-26-5	Toluene-d8	45.8		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	274000	8.206			
540-36-3	1,4-Difluorobenzene	584000	9.082			
3114-55-4	Chlorobenzene-d5	570000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	295000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VN088022.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3274
Lab Sample ID:	Q3274-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088022.D	1	10/03/25 14:38	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	36.9	J		5.34	ug/L
000096-37-7	Cyclopentane, methyl-	64.1	J		7.31	ug/L
000872-56-0	Isopropylcyclobutane	32.3	J		8.84	ug/L
001528-22-9	Cyclobutane, (1-methylethylidene)-	29.5	J		10.1	ug/L
103-65-1	n-propylbenzene	110	J		13.0	ug/L
98-06-6	tert-Butylbenzene	1.70	J		13.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.69	J		13.5	ug/L
135-98-8	sec-Butylbenzene	10.3	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.90	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	37.3	J		13.9	ug/L
000496-11-7	Indane	120	J		14.0	ug/L
104-51-8	n-Butylbenzene	15.6	J		14.0	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	100	J		14.3	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	70.7	J		14.6	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	68.8	J		14.9	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	190	J		15.0	ug/L
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	42.2	J		15.3	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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Time: Oct 04 02:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

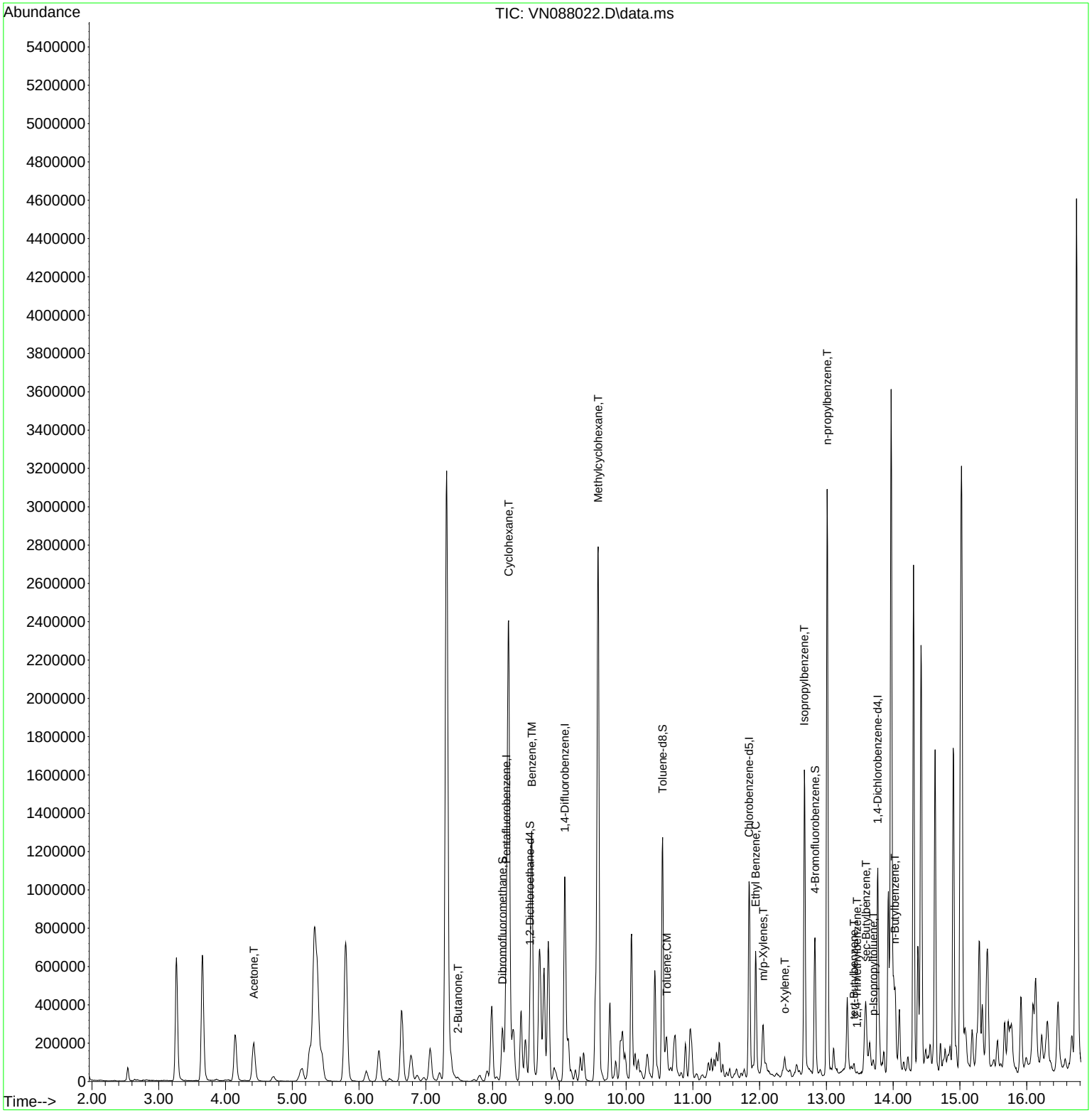
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	274294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	584137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	570238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	295091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	228064	49.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.820%		
35) Dibromofluoromethane	8.147	113	183432	43.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.500%		
50) Toluene-d8	10.547	98	682810	45.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.560%		
62) 4-Bromofluorobenzene	12.829	95	261988	49.143	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.280%		
Target Compounds						Qvalue
16) Acetone	4.424	43	343936	181.086	ug/l	97
25) 2-Butanone	7.483	43	15223	5.244	ug/l #	81
31) Cyclohexane	8.241	56	1363619	263.431	ug/l	96
39) Methylcyclohexane	9.582	83	1237115	219.900	ug/l	99
40) Benzene	8.588	78	1267518	75.065	ug/l	98
52) Toluene	10.612	92	75631	7.138	ug/l	93
67) Ethyl Benzene	11.941	91	411229	20.309	ug/l	97
68) m/p-Xylenes	12.053	106	88034	11.368	ug/l	91
69) o-Xylene	12.376	106	26208	3.522	ug/l	95
73) Isopropylbenzene	12.670	105	1061275	58.028	ug/l	100
78) n-propylbenzene	13.012	91	2432561	106.383	ug/l	100
83) tert-Butylbenzene	13.412	119	23219	1.734	ug/l	80
84) 1,2,4-Trimethylbenzene	13.459	105	11207	0.691	ug/l	88
85) sec-Butylbenzene	13.594	105	203166	10.349	ug/l #	72
86) p-Isopropyltoluene	13.706	119	31335	1.885	ug/l	96
89) n-Butylbenzene	14.029	91	244616	15.568	ug/l #	77

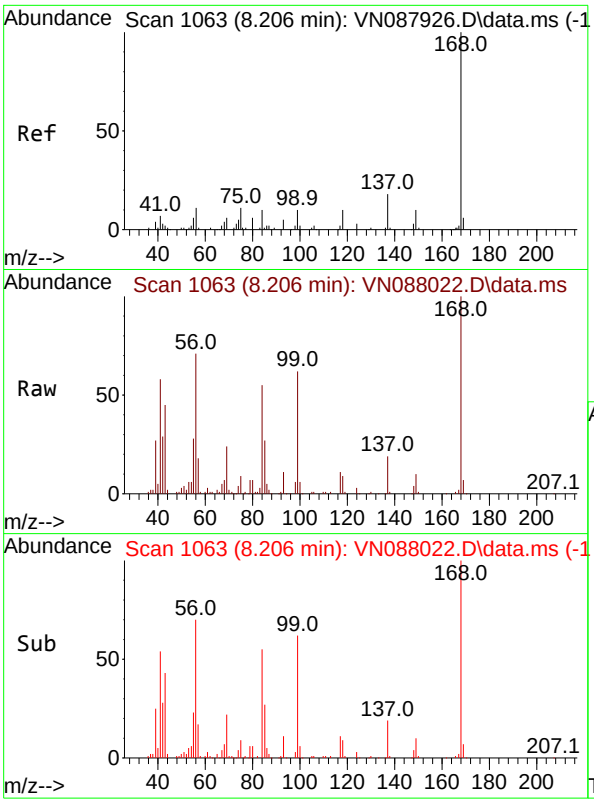
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Time: Oct 04 02:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



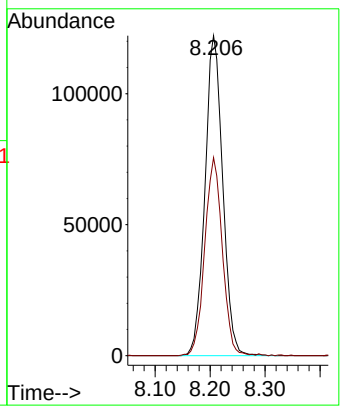


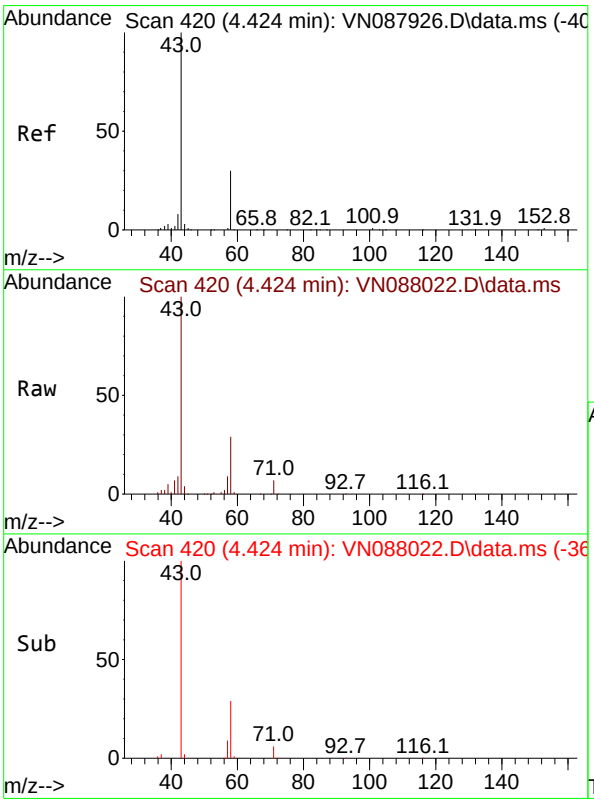
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:168 Resp: 274294

Ion	Ratio	Lower	Upper
168	100		
99	61.9	52.2	78.2

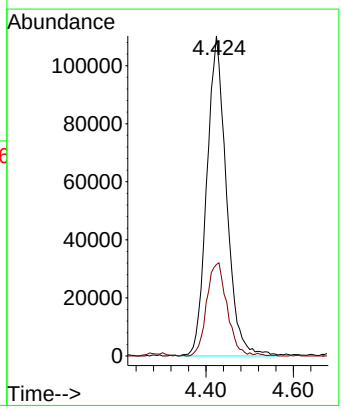


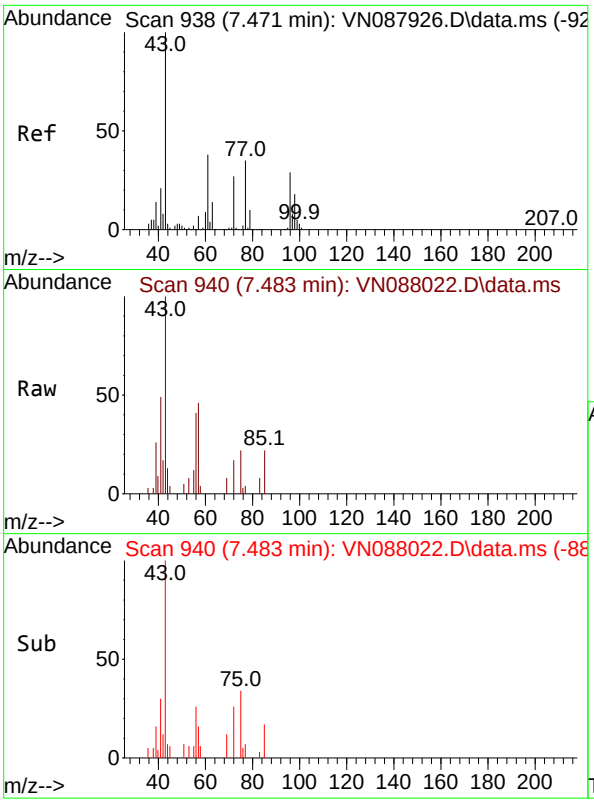


#16
Acetone
Concen: 181.086 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 43 Resp: 343936

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.1	36.1



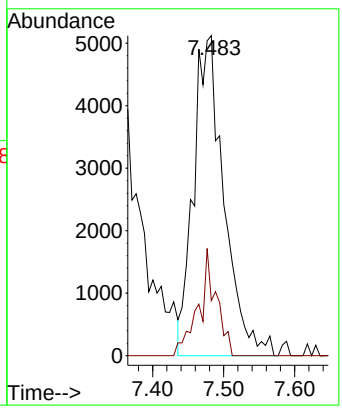


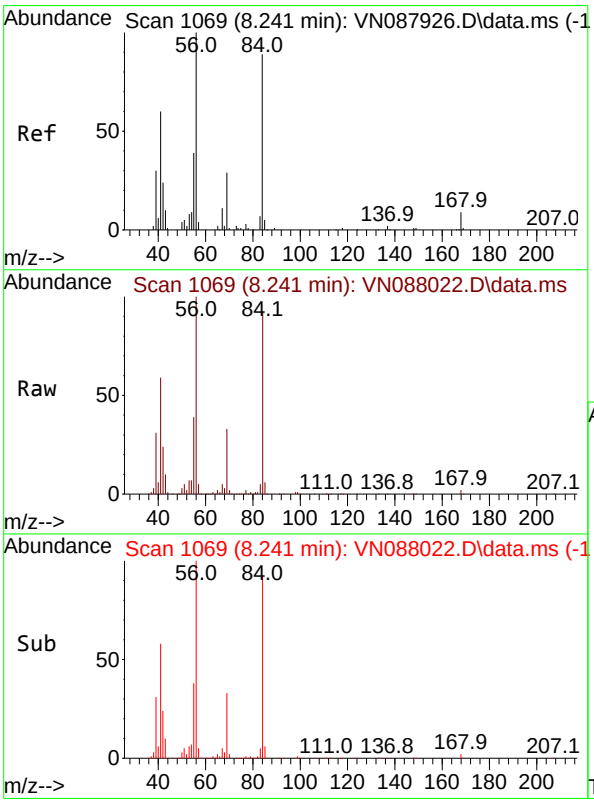
#25
2-Butanone
Concen: 5.244 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion: 43 Resp: 15223

Ion	Ratio	Lower	Upper
43	100		
72	17.2	21.5	32.3#

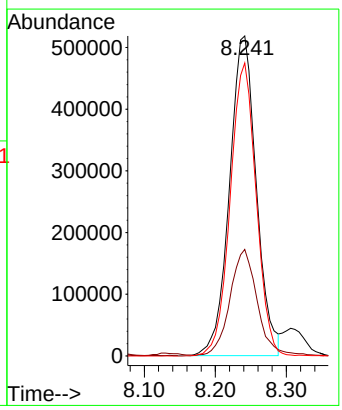


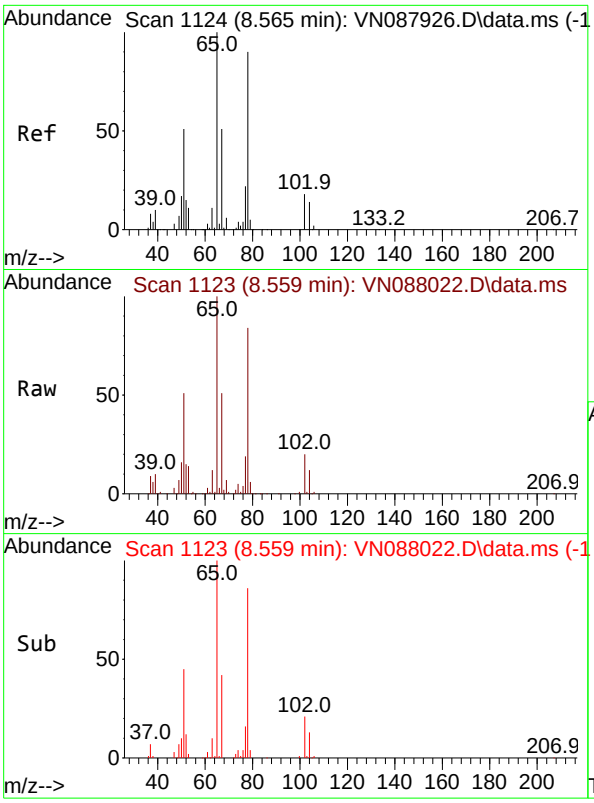


#31
Cyclohexane
Concen: 263.431 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 56 Resp: 1363619

Ion	Ratio	Lower	Upper
56	100		
69	32.7	23.4	35.0
84	91.7	70.8	106.2



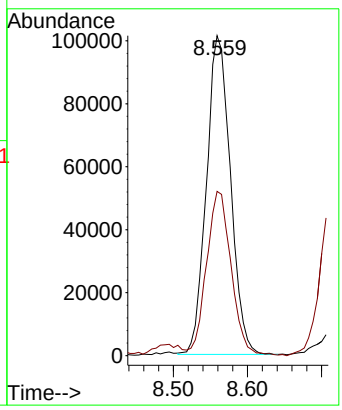


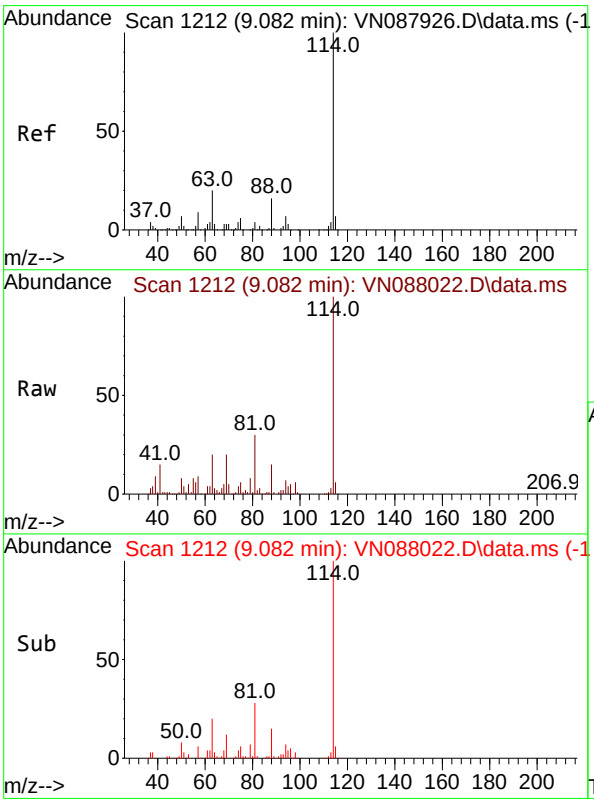
#33
1,2-Dichloroethane-d4
Concen: 49.406 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion: 65 Resp: 228064

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.4

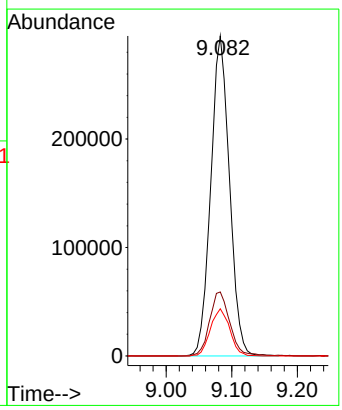


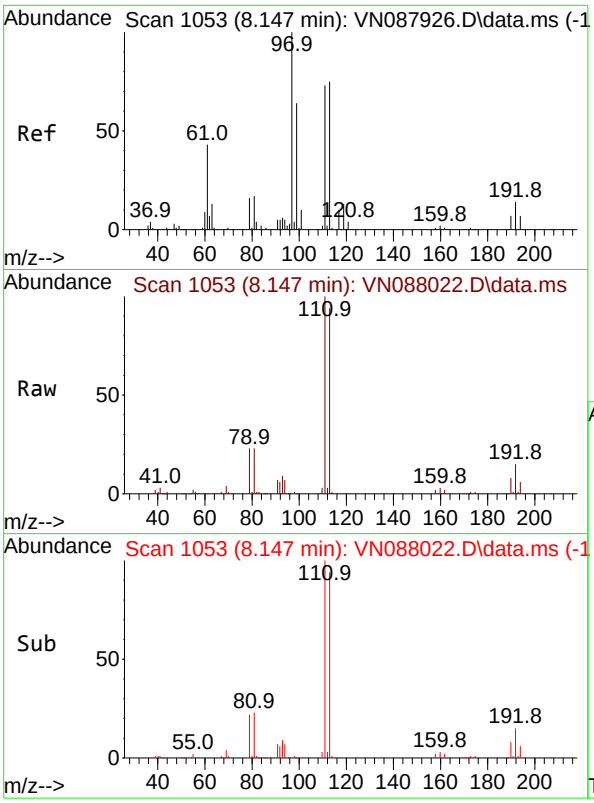


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion:114 Resp: 584137

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	14.8	0.0	31.8



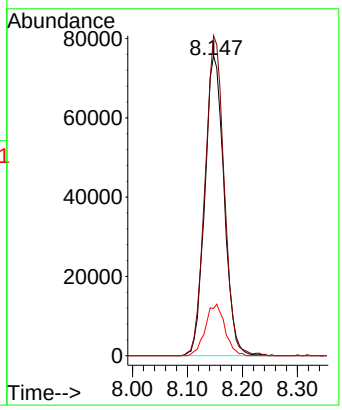


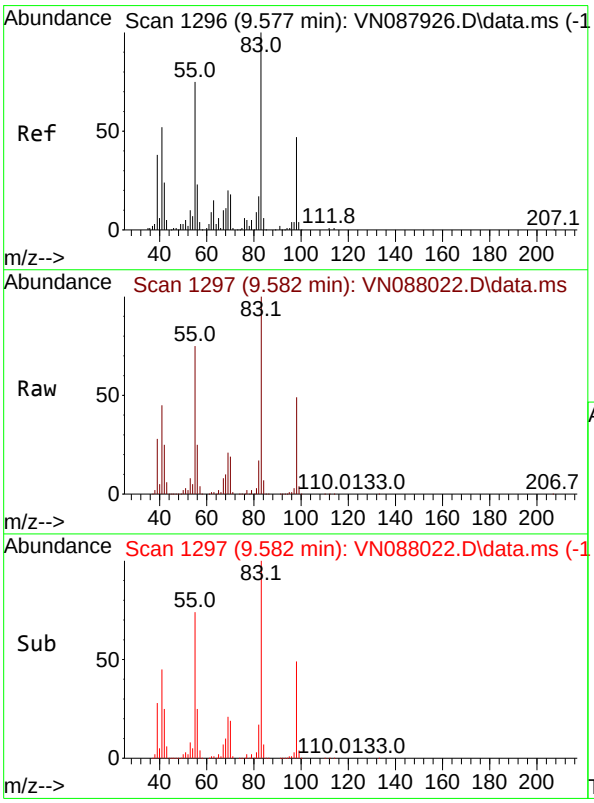
#35
Dibromofluoromethane
Concen: 43.250 ug/l
RT: 8.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:113 Resp: 183432

Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.2	123.2
192	17.5	14.2	21.2

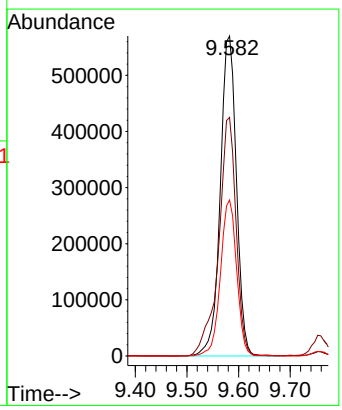


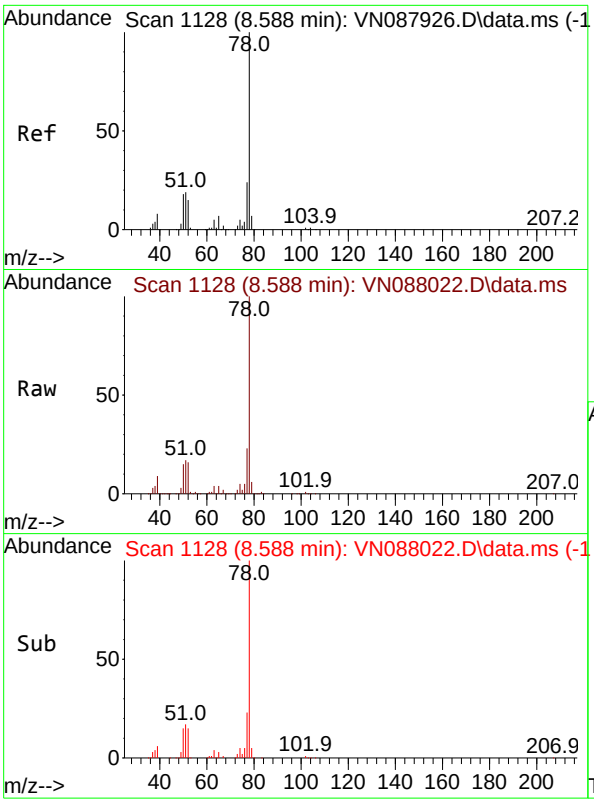


#39
Methylcyclohexane
Concen: 219.900 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 83 Resp: 1237115

Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.9	89.9
98	48.7	37.4	56.2



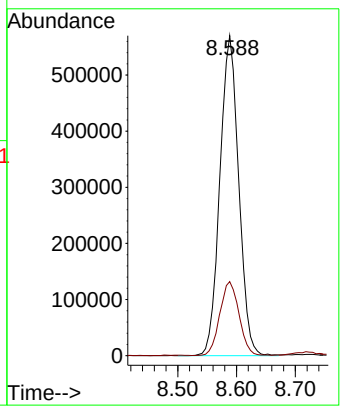


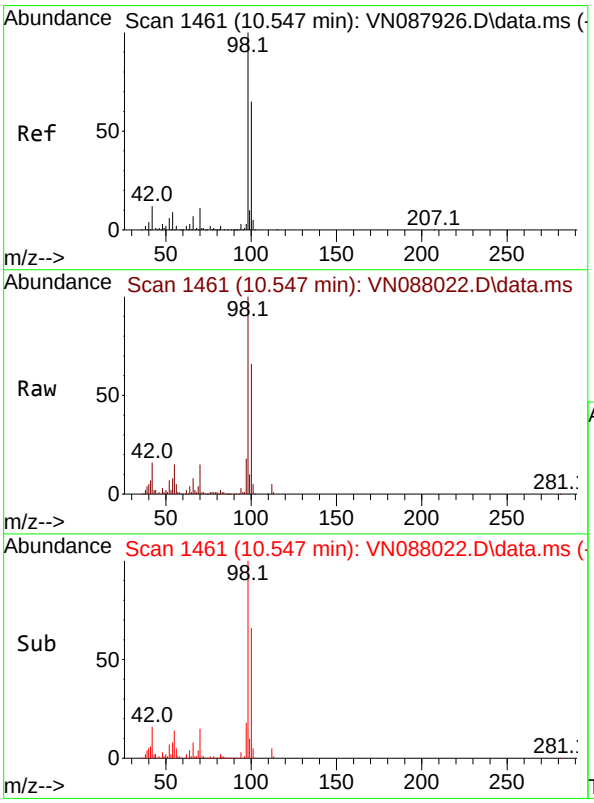
#40
Benzene
Concen: 75.065 ug/l
RT: 8.588 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion: 78 Resp: 1267518

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6

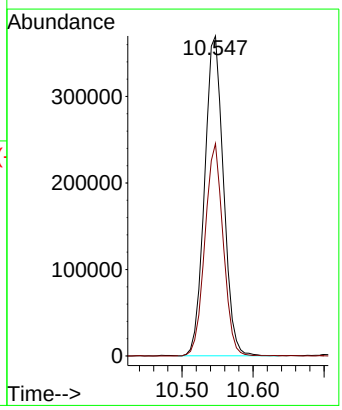


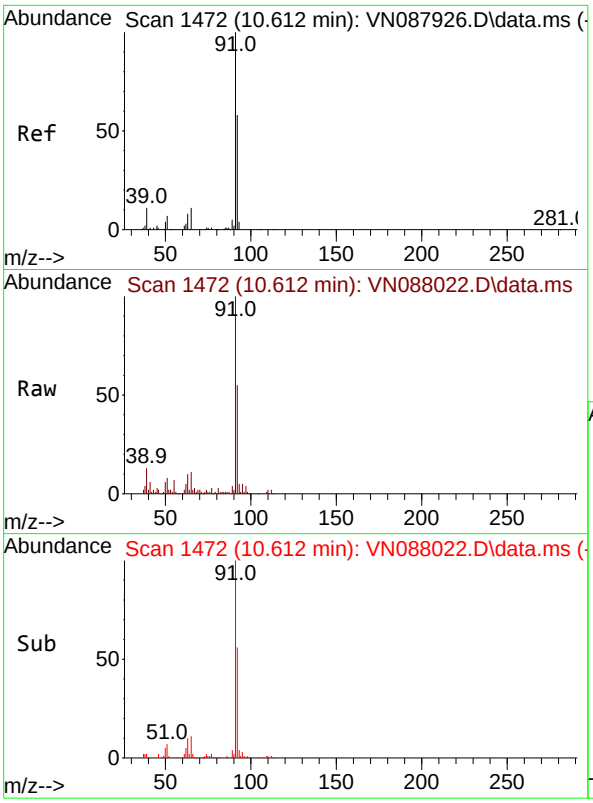


#50
Toluene-d8
Concen: 45.782 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 98 Resp: 682810

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



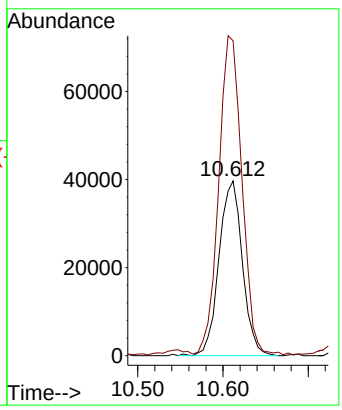


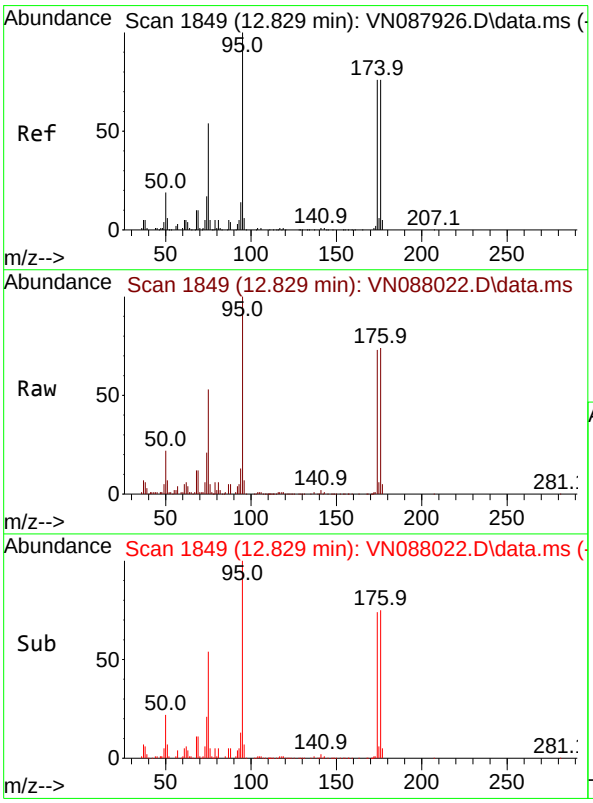
#52
Toluene
Concen: 7.138 ug/l
RT: 10.612 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion: 92 Resp: 75631

Ion	Ratio	Lower	Upper
92	100		
91	181.9	138.2	207.2

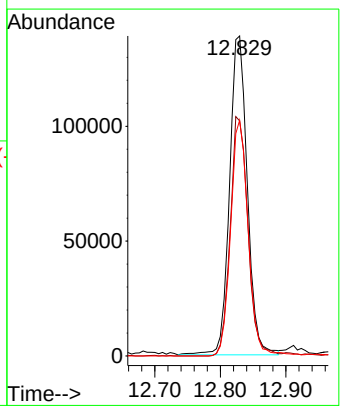


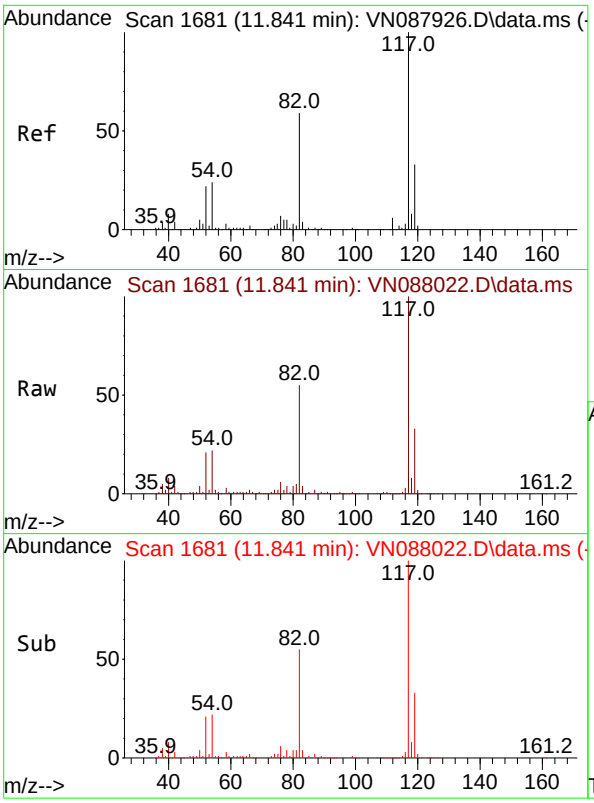


#62
4-Bromofluorobenzene
Concen: 49.143 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 95 Resp: 261988

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	159.2
176	73.2	0.0	152.6



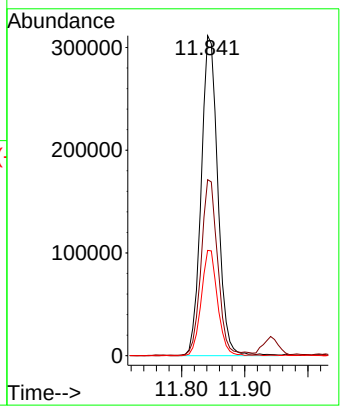


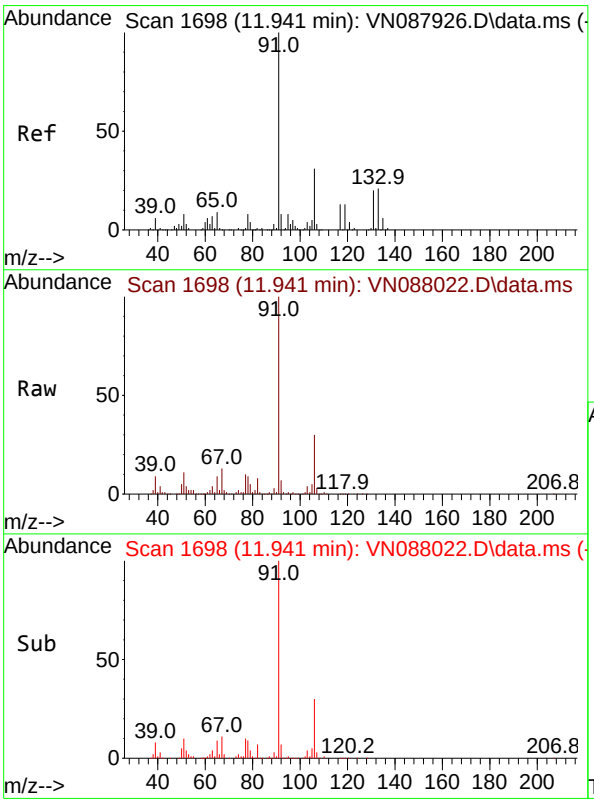
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:117 Resp: 570238

Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.0	70.4
119	32.9	26.1	39.1

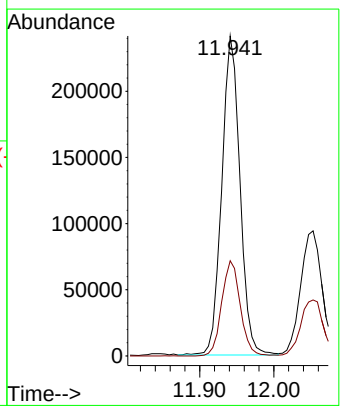


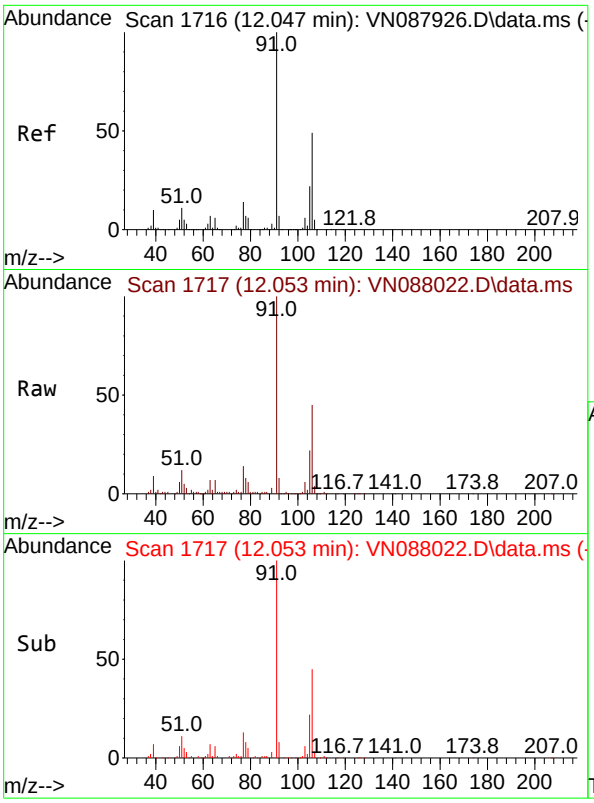


#67
Ethyl Benzene
Concen: 20.309 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 91 Resp: 411229

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.2	37.8



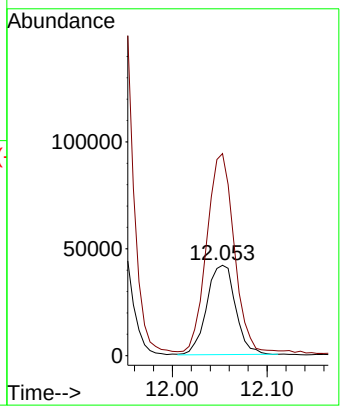


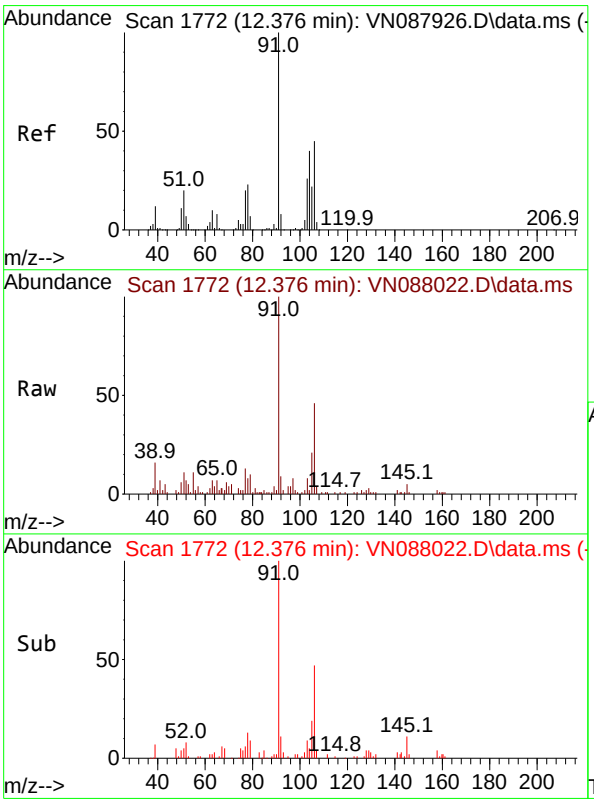
#68
m/p-Xylenes
Concen: 11.368 ug/l
RT: 12.053 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:106 Resp: 88034

Ion	Ratio	Lower	Upper
106	100		
91	217.7	162.9	244.3

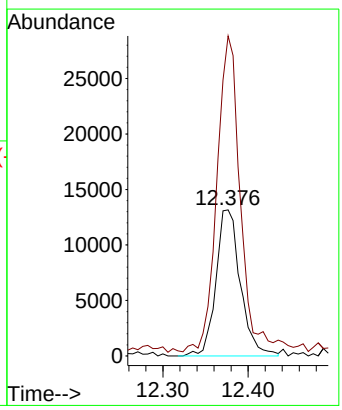


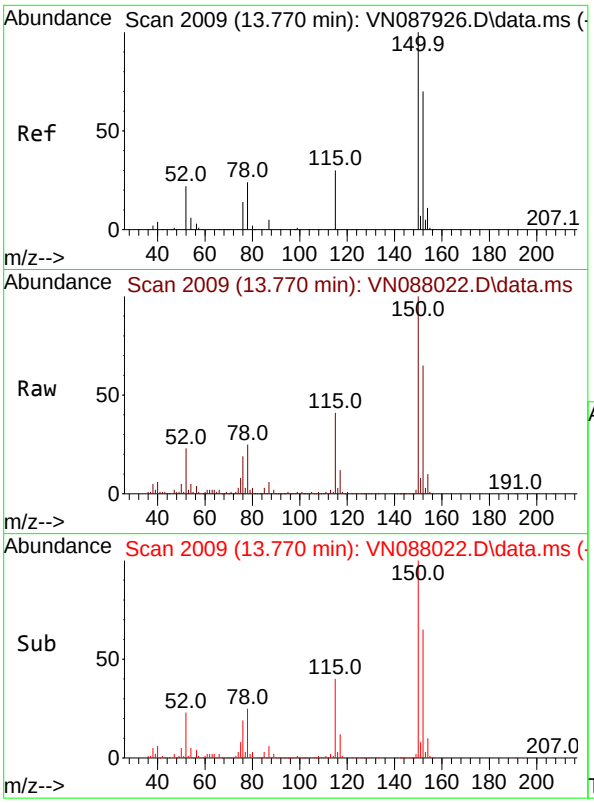


#69
o-Xylene
Concen: 3.522 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion:106 Resp: 26208

Ion	Ratio	Lower	Upper
106	100		
91	208.0	108.2	324.6



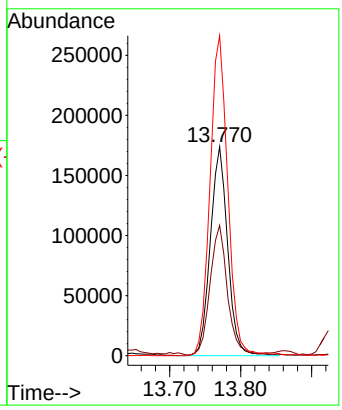


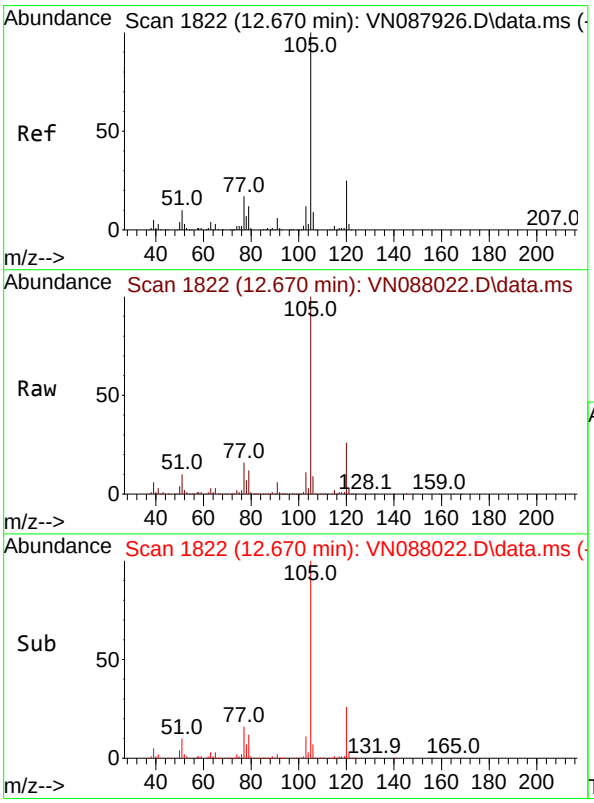
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:152 Resp: 295091

Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.9	89.7
150	157.1	0.0	335.0

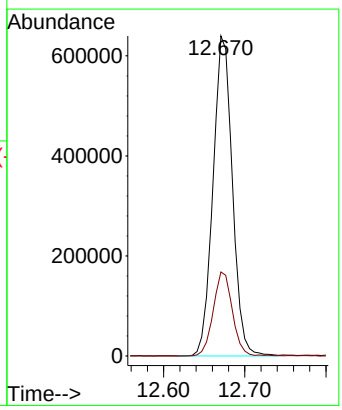


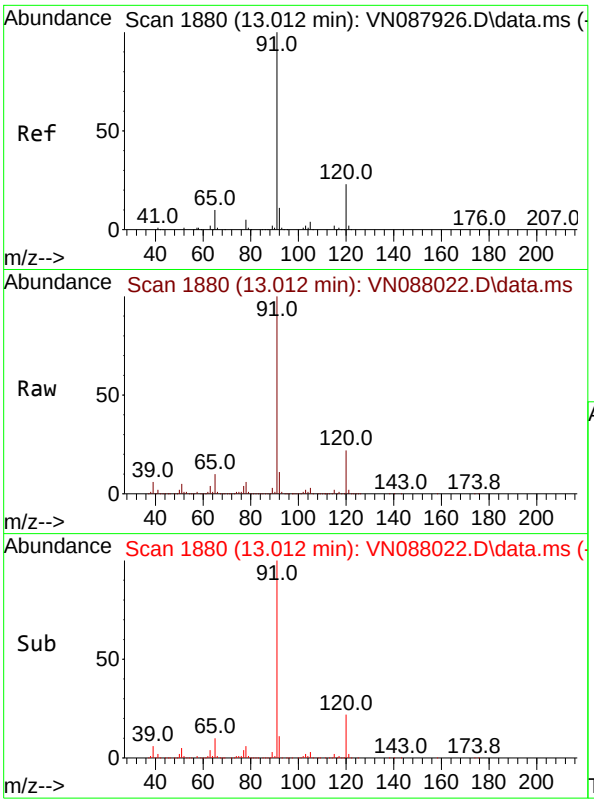


#73
Isopropylbenzene
Concen: 58.028 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion:105 Resp: 1061275

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.1



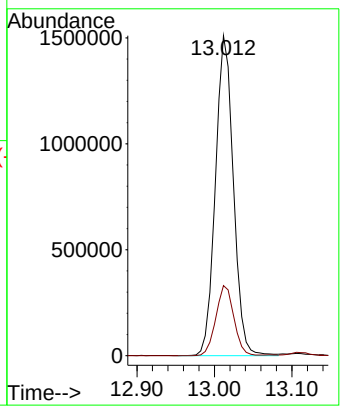


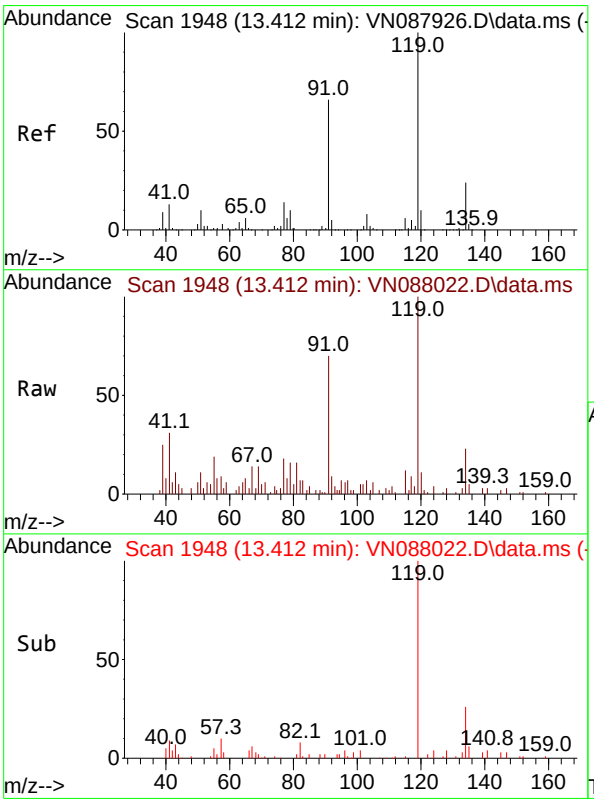
#78
n-propylbenzene
Concen: 106.383 ug/l
RT: 13.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion: 91 Resp: 2432561

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

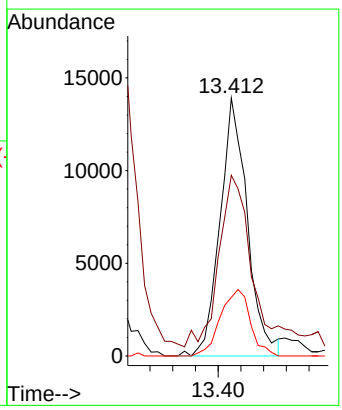


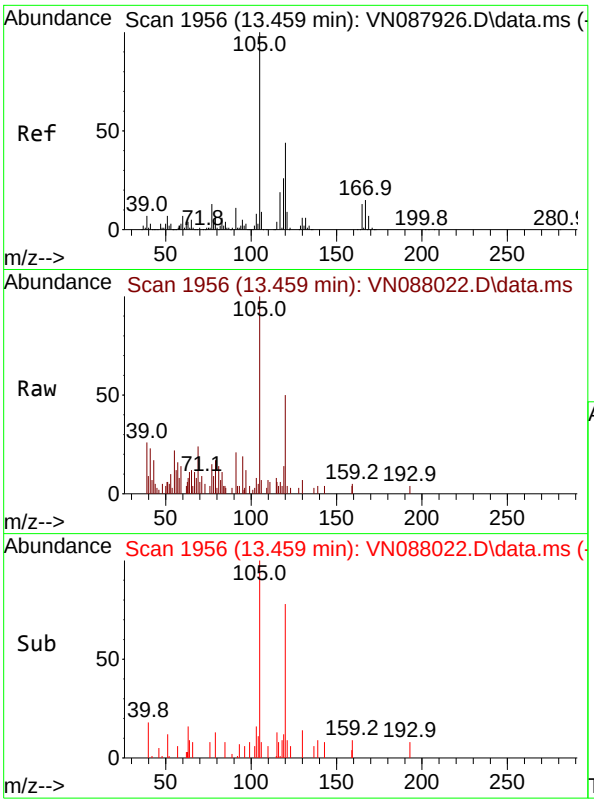


#83
tert-Butylbenzene
Concen: 1.734 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion:119 Resp: 23219

Ion	Ratio	Lower	Upper
119	100		
91	83.4	32.1	96.3
134	28.1	12.3	36.8



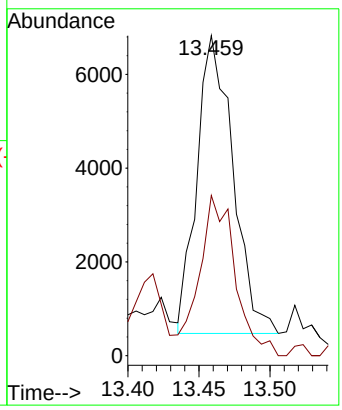


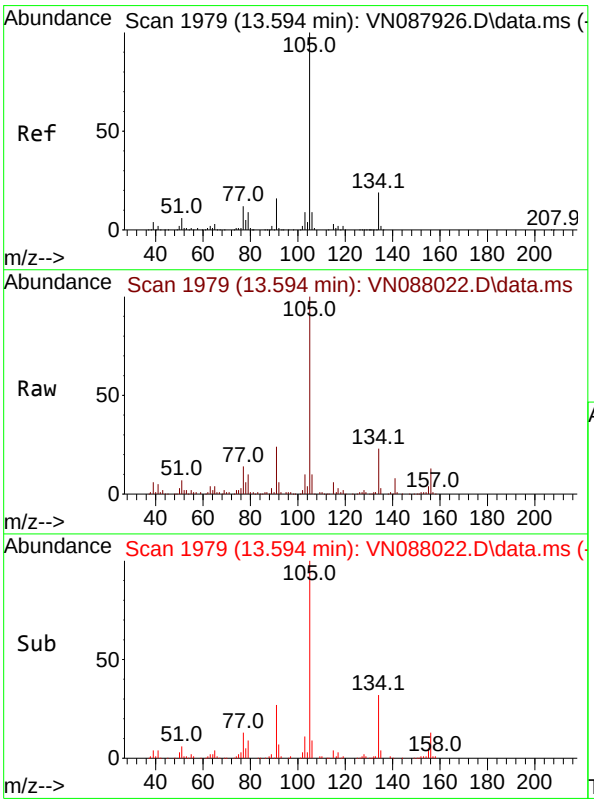
#84
1,2,4-Trimethylbenzene
Concen: 0.691 ug/l
RT: 13.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:105 Resp: 11207

Ion	Ratio	Lower	Upper
105	100		
120	52.7	22.4	67.3

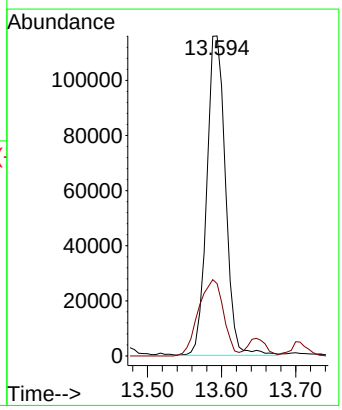


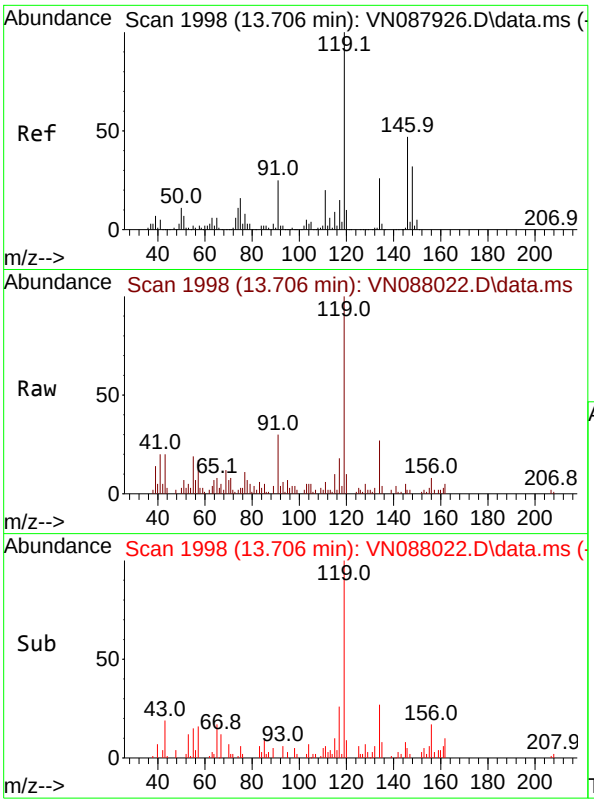


#85
sec-Butylbenzene
Concen: 10.349 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion:105 Resp: 203166

Ion	Ratio	Lower	Upper
105	100		
134	32.0	9.6	28.8#



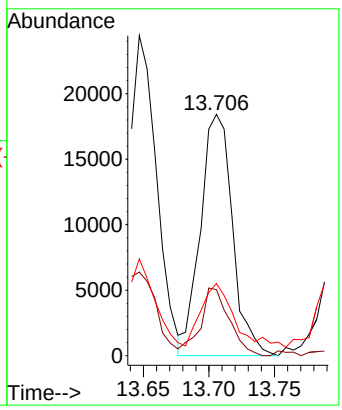


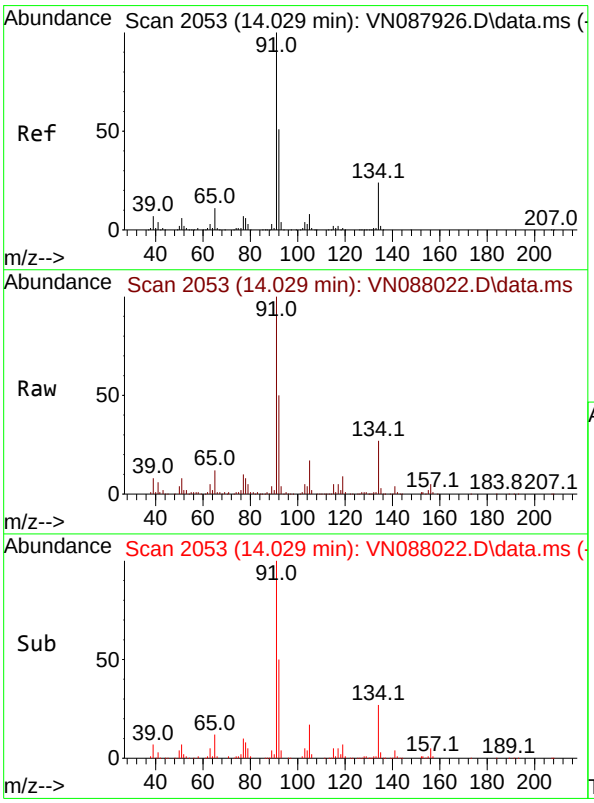
#86
p-Isopropyltoluene
Concen: 1.885 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Instrument :
MSVOA_N
ClientSampleId :
MW5

Tgt Ion:119 Resp: 31335

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.3
91	27.0	11.9	35.5

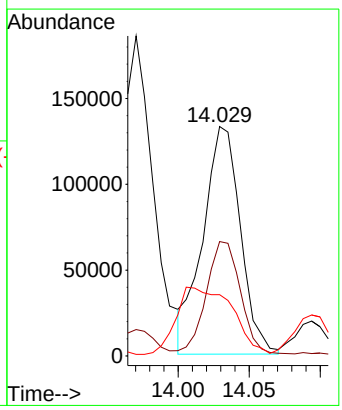




#89
n-Butylbenzene
Concen: 15.568 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VN088022.D
Acq: 03 Oct 2025 14:38

Tgt Ion: 91 Resp: 244616

Ion	Ratio	Lower	Upper
91	100		
92	45.0	25.9	77.8
134	0.0	12.6	37.8#



Sample Results: **VN088022.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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\82N092325W.M
Title : SW846 8260

Signal : TIC: VN088022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	91	99	108	rBV	69628	128031	1.31%	0.099%
2	3.265	213	223	238	rBV	642083	1556713	15.89%	1.198%
3	3.653	278	289	302	rBV	656314	1713223	17.49%	1.319%
4	4.142	362	372	389	rVB2	238798	702938	7.18%	0.541%
5	4.424	408	420	441	rVB2	199798	647843	6.61%	0.499%
6	5.147	525	543	551	rBV7	66454	285425	2.91%	0.220%
7	5.336	551	575	608	rVB4	803300	5378302	54.91%	4.139%
8	5.800	637	654	675	rBV	722822	2527612	25.81%	1.945%
9	6.106	695	706	723	rVB4	54293	170897	1.74%	0.132%
10	6.300	728	739	750	rBV2	159528	492737	5.03%	0.379%
11	6.636	782	796	809	rBV	370028	1115772	11.39%	0.859%
12	6.777	810	820	830	rVV3	133007	422724	4.32%	0.325%
13	7.065	859	869	885	rVB5	165889	489777	5.00%	0.377%
14	7.206	885	893	899	rBV3	39959	105416	1.08%	0.081%
15	7.312	899	911	936	rVV	3171745	9352504	95.49%	7.198%
16	7.918	1006	1014	1018	rBV5	52037	132633	1.35%	0.102%
17	7.988	1018	1026	1034	rVB	377449	927356	9.47%	0.714%
18	8.147	1045	1053	1057	rBV2	269425	635712	6.49%	0.489%
19	8.241	1057	1069	1077	rVV2	2380424	7293420	74.47%	5.613%
20	8.312	1077	1081	1092	rVB5	266495	677718	6.92%	0.522%
21	8.430	1092	1101	1107	rBV	361679	841829	8.60%	0.648%
22	8.494	1107	1112	1118	rVB	170015	342666	3.50%	0.264%
23	8.588	1118	1128	1138	rVB2	1272491	3262098	33.31%	2.511%
24	8.706	1138	1148	1154	rBV5	655650	1803059	18.41%	1.388%
25	8.771	1154	1159	1164	rVB2	458737	849773	8.68%	0.654%
26	8.835	1164	1170	1179	rVB	719203	1628825	16.63%	1.254%
27	8.924	1179	1185	1199	rVB6	70077	218559	2.23%	0.168%
28	9.082	1202	1212	1219	rBV2	1066370	2518424	25.71%	1.938%
29	9.241	1234	1239	1245	rVB	54338	100119	1.02%	0.077%
30	9.312	1245	1251	1256	rBV	120809	251294	2.57%	0.193%
31	9.365	1256	1260	1268	rVB	141586	285758	2.92%	0.220%
32	9.582	1278	1297	1313	rBV	2789597	6915789	70.61%	5.323%
33	9.759	1313	1327	1334	rBV	405562	810766	8.28%	0.624%
34	9.841	1334	1341	1347	rVB3	90062	177753	1.81%	0.137%
35	9.947	1356	1359	1363	rVB2	141568	207275	2.12%	0.160%
36	9.982	1363	1365	1375	rVB4	128766	220762	2.25%	0.170%

Sample Results: **VN088022.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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\82N092325W.M
Title : SW846 8260

37	10.082	1375	1382	1388	rBV	752863	1483190	15.14%	1.142%
38	10.135	1388	1391	1395	rVV4	81246	115955	1.18%	0.089%
39	10.318	1413	1422	1434	rBV5	127978	368848	3.77%	0.284%
40	10.429	1434	1441	1453	rVB	563786	1152950	11.77%	0.887%
41	10.547	1453	1461	1466	rBV	1259125	2380957	24.31%	1.832%
42	10.606	1467	1471	1478	rVB	174741	360763	3.68%	0.278%
43	10.735	1485	1493	1504	rVB4	212583	609139	6.22%	0.469%
44	10.888	1513	1519	1525	rBV3	177969	332642	3.40%	0.256%
45	10.965	1525	1532	1542	rVB4	253702	698909	7.14%	0.538%
46	11.235	1570	1578	1581	rBV4	77452	168580	1.72%	0.130%
47	11.276	1581	1585	1588	rVV2	91710	149720	1.53%	0.115%
48	11.318	1588	1592	1595	rVV3	88241	160912	1.64%	0.124%
49	11.353	1595	1598	1602	rVV3	122943	232775	2.38%	0.179%
50	11.394	1602	1605	1610	rVV2	177701	306932	3.13%	0.236%
51	11.653	1638	1649	1656	rBV10	46880	126690	1.29%	0.098%
52	11.841	1674	1681	1688	rBV	1019944	1871201	19.11%	1.440%
53	11.941	1693	1698	1708	rVB	636914	1086028	11.09%	0.836%
54	12.053	1709	1717	1722	rBV	251056	543167	5.55%	0.418%
55	12.376	1762	1772	1782	rBV5	99184	300701	3.07%	0.231%
56	12.553	1792	1802	1807	rBV6	61703	162961	1.66%	0.125%
57	12.670	1814	1822	1838	rBV	1590611	2751430	28.09%	2.118%
58	12.829	1842	1849	1857	rVV	718671	1327144	13.55%	1.021%
59	13.012	1873	1880	1887	rBV	3054797	4912791	50.16%	3.781%
60	13.106	1892	1896	1902	rBV	110480	172044	1.76%	0.132%
61	13.312	1924	1931	1938	rVB	372935	638169	6.52%	0.491%
62	13.588	1969	1978	1984	rBV2	372631	950904	9.71%	0.732%
63	13.647	1985	1988	1994	rVB3	119584	191200	1.95%	0.147%
64	13.770	2002	2009	2018	rBV2	1050745	1979464	20.21%	1.523%
65	13.859	2021	2024	2029	rVB	106831	163867	1.67%	0.126%
66	13.929	2029	2036	2038	rBV	943386	1476562	15.08%	1.136%
67	13.970	2038	2043	2048	rVB	3065745	4662112	47.60%	3.588%
68	14.094	2059	2064	2071	rVB3	313281	555371	5.67%	0.427%
69	14.223	2081	2086	2093	rVB2	72531	124633	1.27%	0.096%
70	14.306	2093	2100	2106	rBV	2640078	4061511	41.47%	3.126%
71	14.370	2106	2111	2114	rVV	603715	939429	9.59%	0.723%
72	14.417	2114	2119	2126	rVB2	2180452	3820293	39.01%	2.940%
73	14.488	2126	2131	2135	rBV4	70689	123993	1.27%	0.095%
74	14.553	2139	2142	2147	rVB	98580	147005	1.50%	0.113%
75	14.629	2147	2155	2164	rVB	1673264	2798152	28.57%	2.154%
76	14.706	2164	2168	2172	rBV	139368	212498	2.17%	0.164%

Sample Results: **VN088022.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

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\82N092325W.M
Title : SW846 8260

77	14.776	2173	2180	2184	rBV2	87559	169820	1.73%	0.131%
78	14.900	2196	2201	2207	rBV	1627691	2723031	27.80%	2.096%
79	15.023	2213	2222	2229	rBV3	3136959	7431489	75.88%	5.720%
80	15.182	2244	2249	2255	rBV3	192940	353099	3.61%	0.272%
81	15.288	2255	2267	2272	rVV2	654049	1672064	17.07%	1.287%
82	15.335	2272	2275	2280	rVV2	323556	568031	5.80%	0.437%
83	15.411	2280	2288	2296	rVB2	613931	1525709	15.58%	1.174%
84	15.564	2308	2314	2320	rVB4	132221	239772	2.45%	0.185%
85	15.670	2326	2332	2336	rBV2	231548	440639	4.50%	0.339%
86	15.723	2336	2341	2344	rBV4	166346	318591	3.25%	0.245%
87	15.911	2366	2373	2381	rBV	393241	857542	8.76%	0.660%
88	16.094	2396	2404	2407	rVV3	313778	694206	7.09%	0.534%
89	16.135	2407	2411	2421	rVB	438387	909118	9.28%	0.700%
90	16.223	2421	2426	2432	rBV3	142130	275571	2.81%	0.212%
91	16.311	2434	2441	2457	rVB3	260546	824734	8.42%	0.635%
92	16.470	2459	2468	2480	rBV3	356831	925733	9.45%	0.712%
93	16.676	2494	2503	2507	rBV6	163003	396021	4.04%	0.305%
94	16.747	2507	2515	2522	rBV	4454430	9794154	100.00%	7.538%

Sum of corrected areas: 129932418

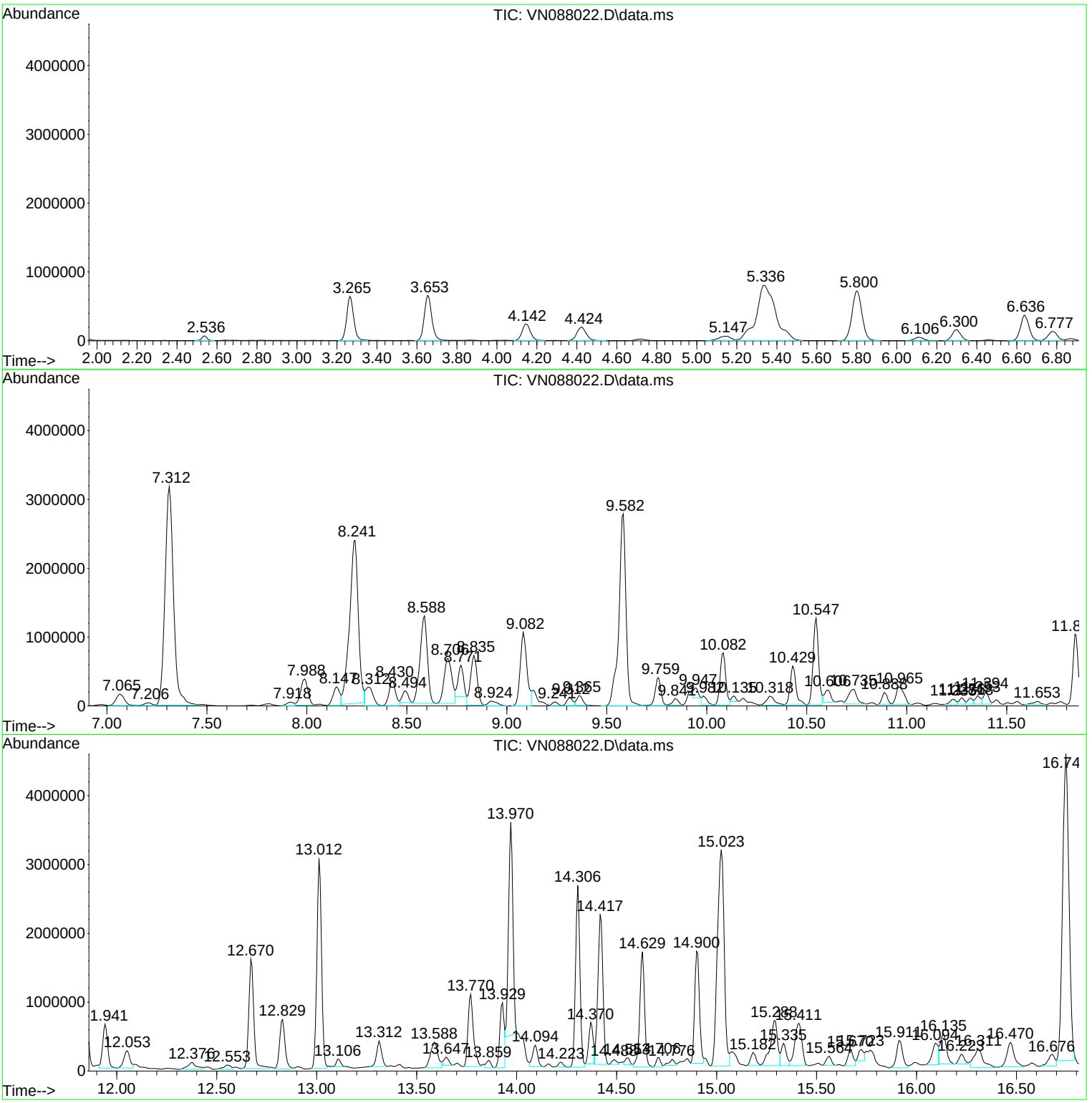
Sample Results: **VN088022.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

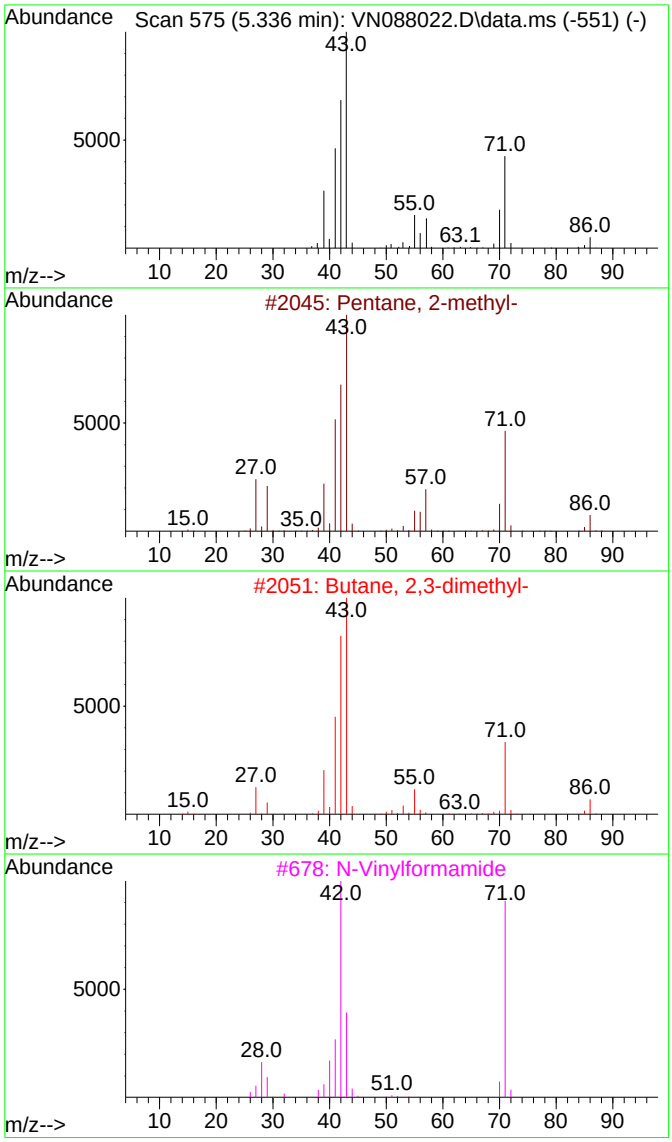
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

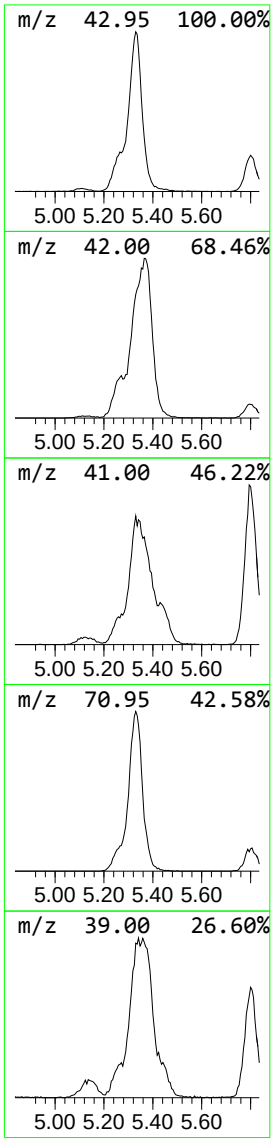
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.336	36.87 ug/l	5378300	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
3	N-Vinylformamide	71	C3H5NO	013162-05-5	38
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

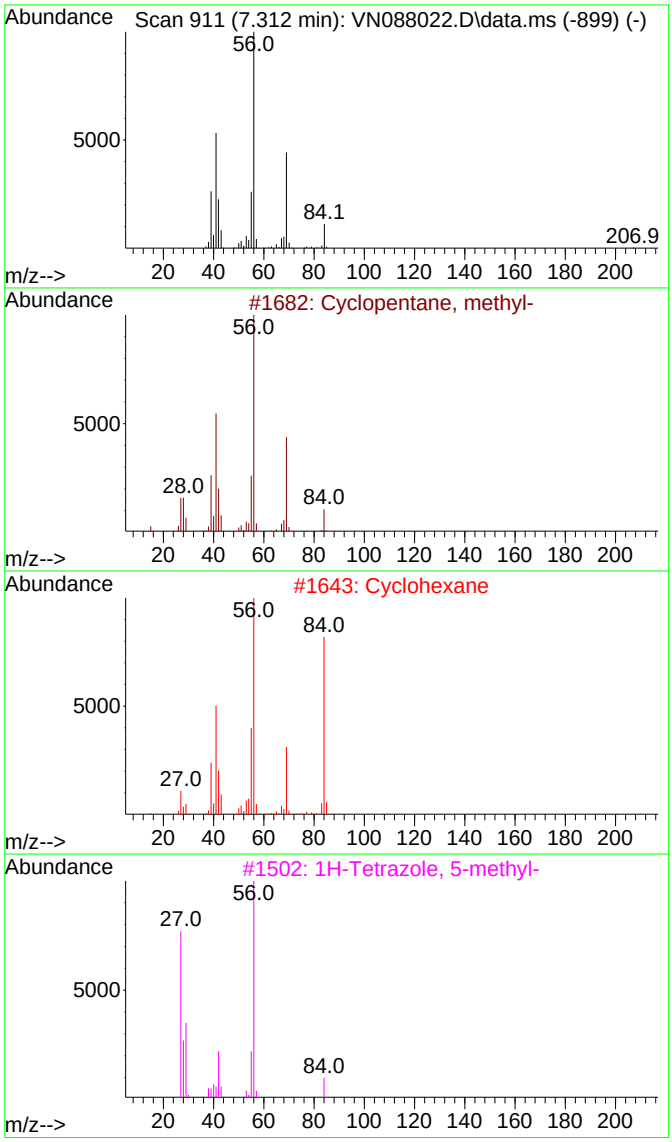
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

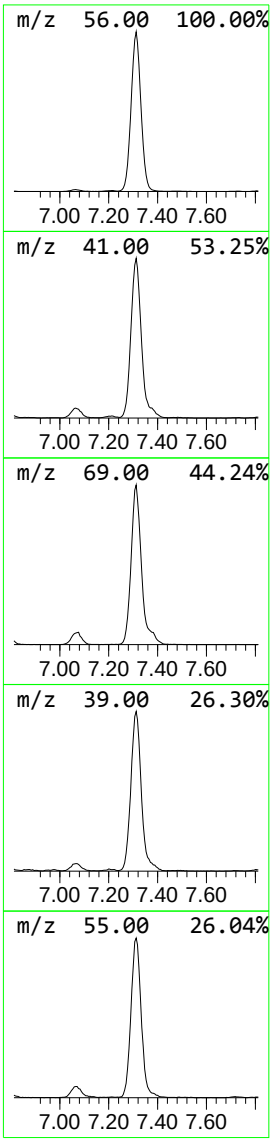
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	64.12 ug/l	9352500	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	80
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





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Data File : VN088022.D
Acq On    : 03 Oct 2025  14:38
Operator  : JC\MD
Sample    : Q3274-02
Misc      : 5.0mL/MSVOA_N/WATER
ALS Vial  : 13   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title  : SW846 8260

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

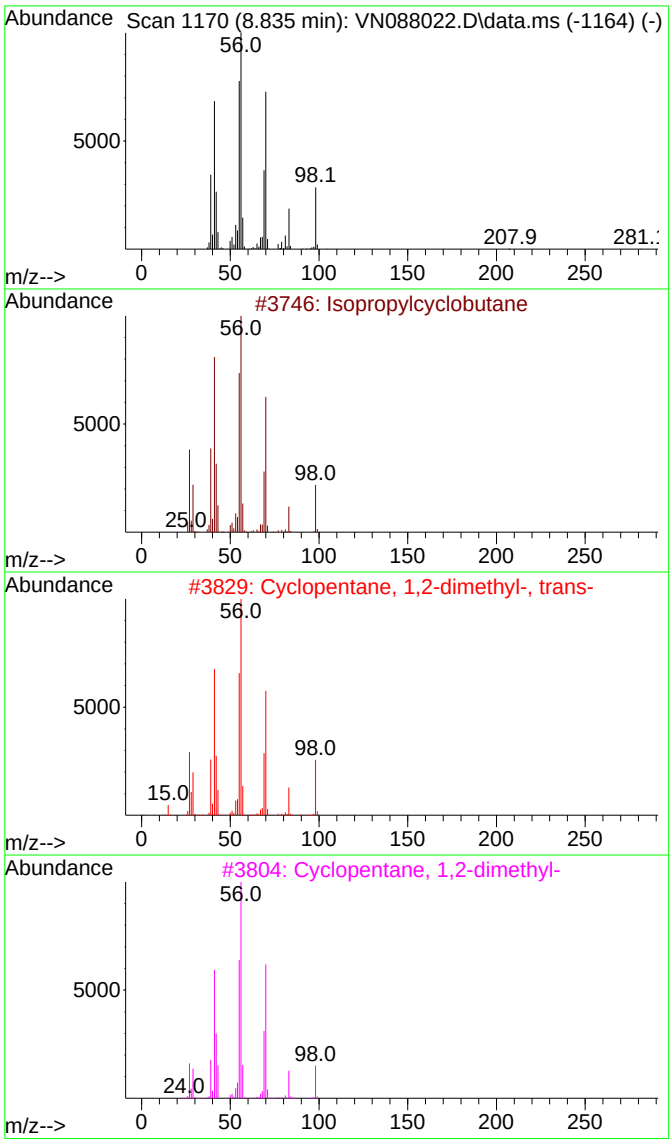
Instrument :
MSVOA_N
ClientSampleId :
MW5

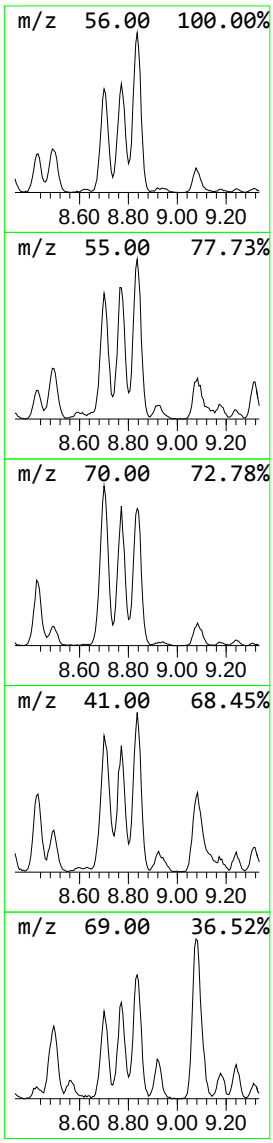
****

Peak Number 4 Isopropylcyclobutane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.835	32.34 ug/l	1628830	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	80





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Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

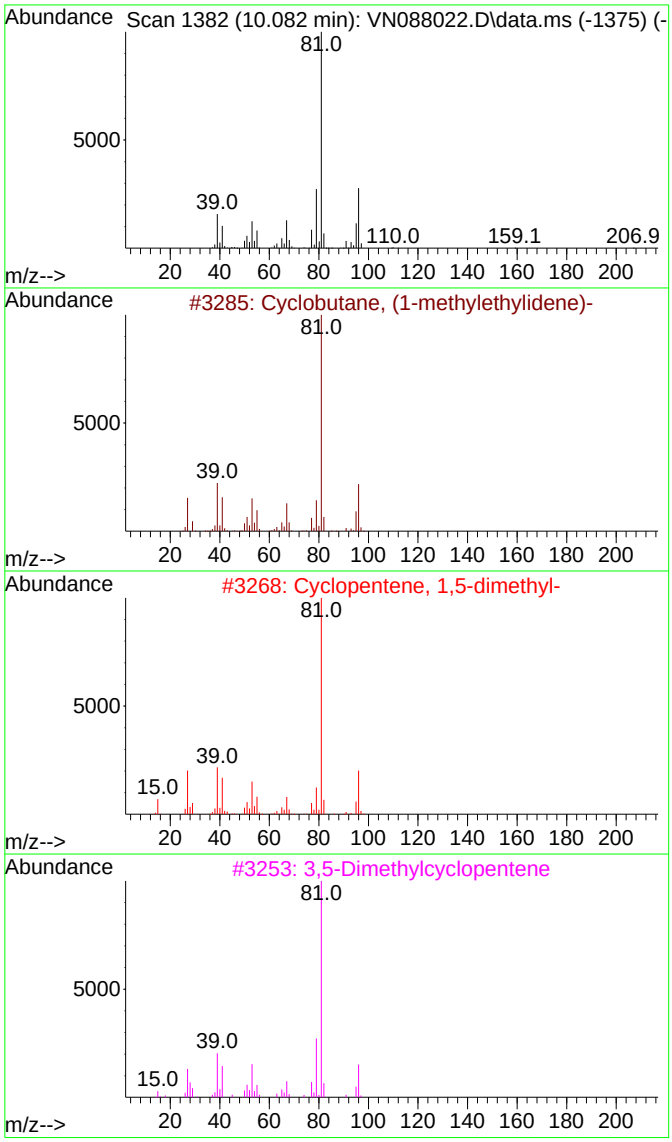
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

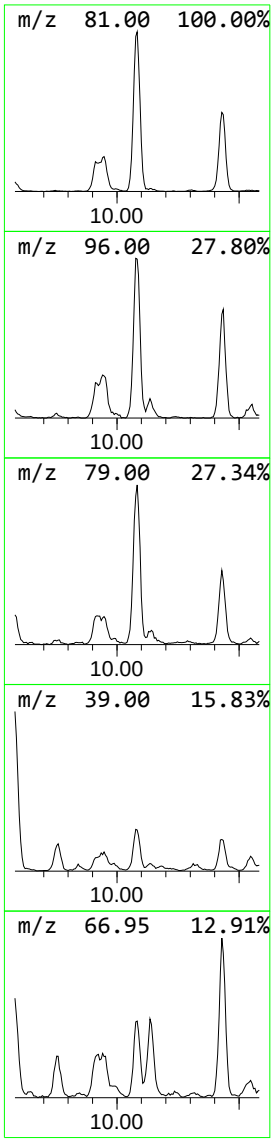
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclobutane, (1-methylethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.082	29.45 ug/l	1483190	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	83
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	78
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	72





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Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

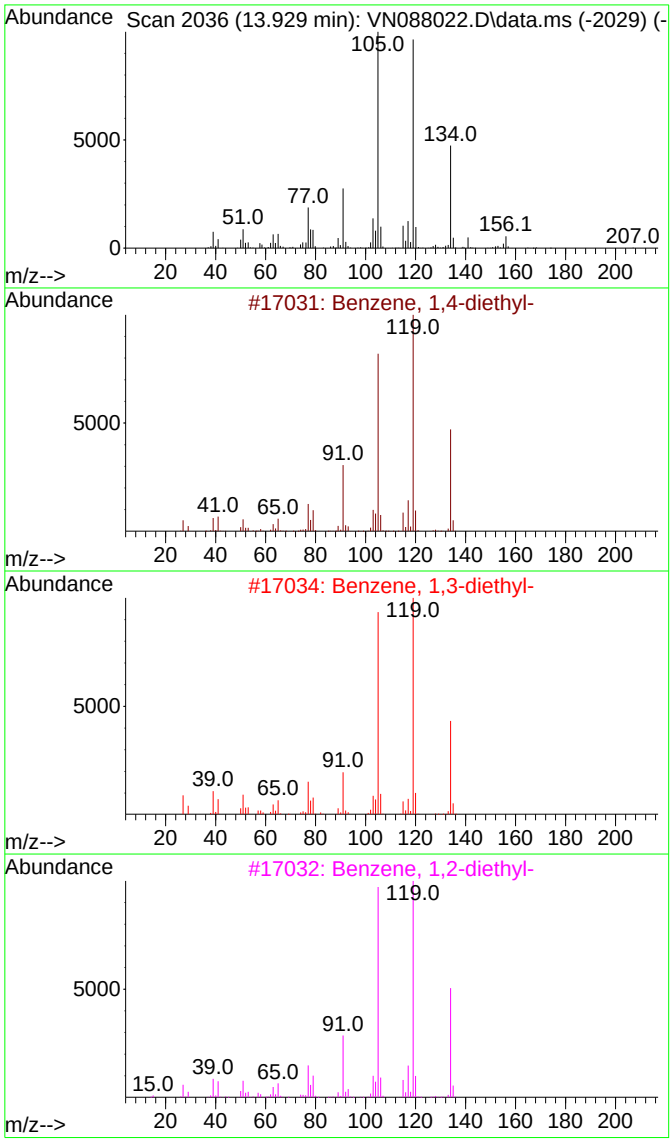
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

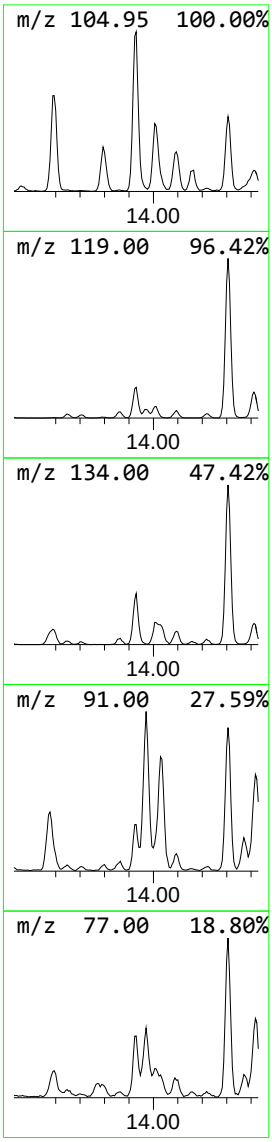
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.929	37.30 ug/l	1476560	1,4-Dichlorobenzene-d4	13.770

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	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

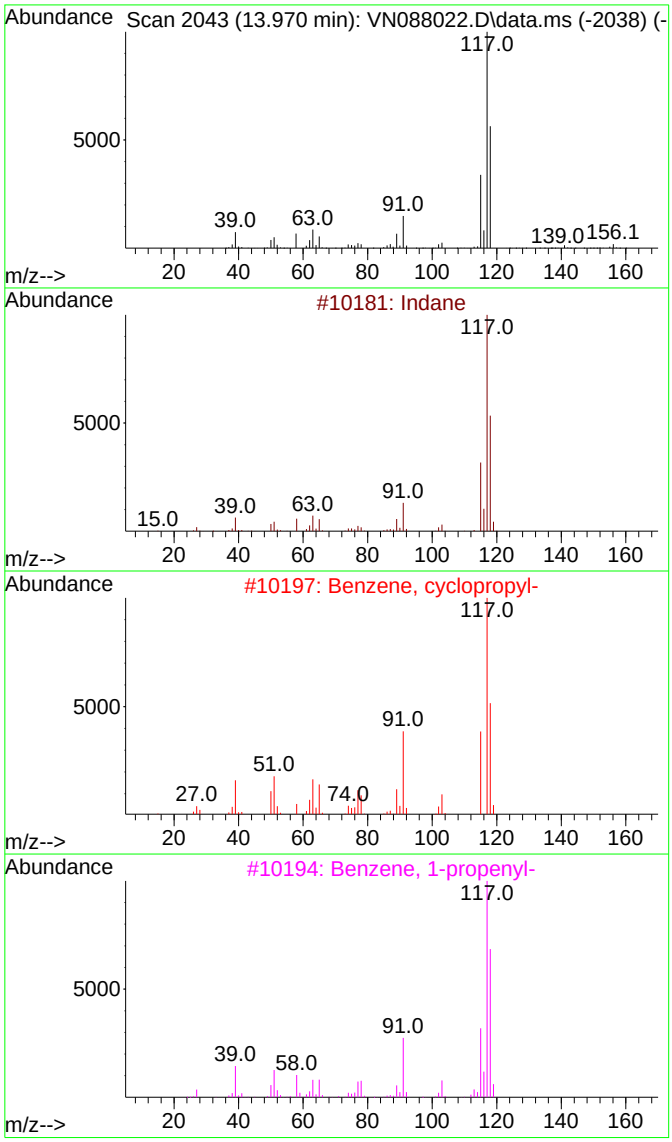
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

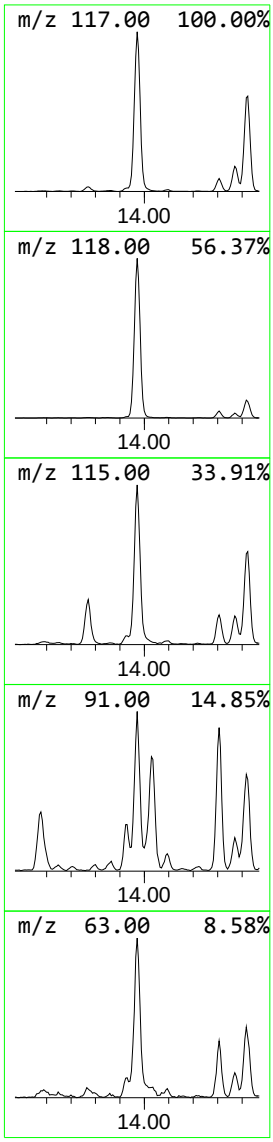
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	117.76 ug/l	4662110	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59





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Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

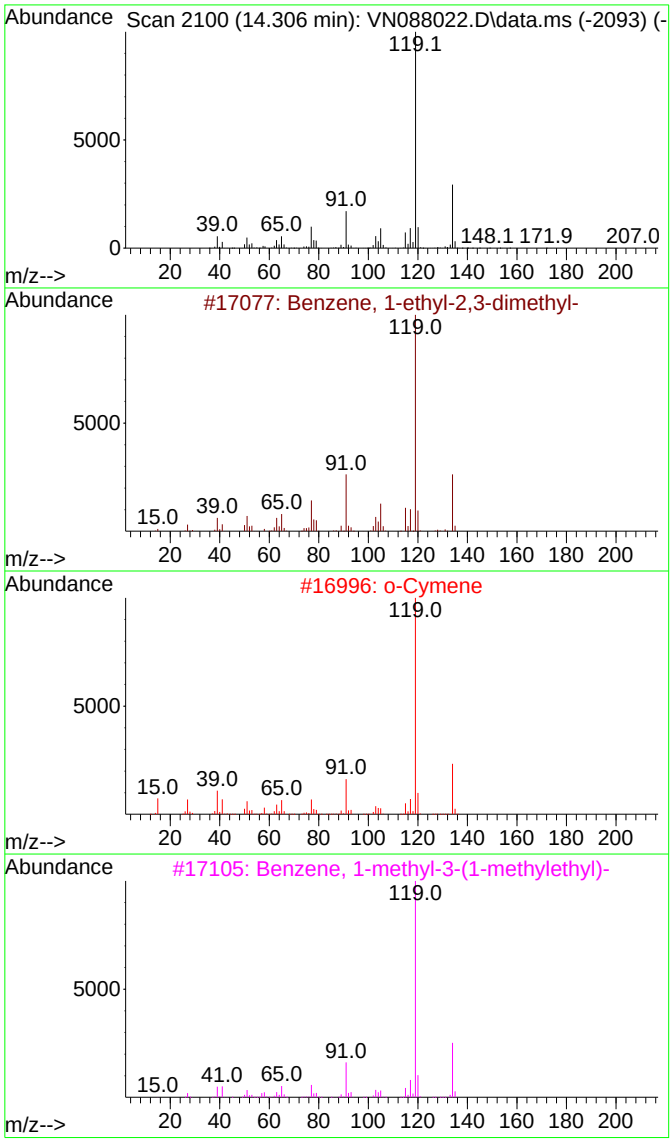
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

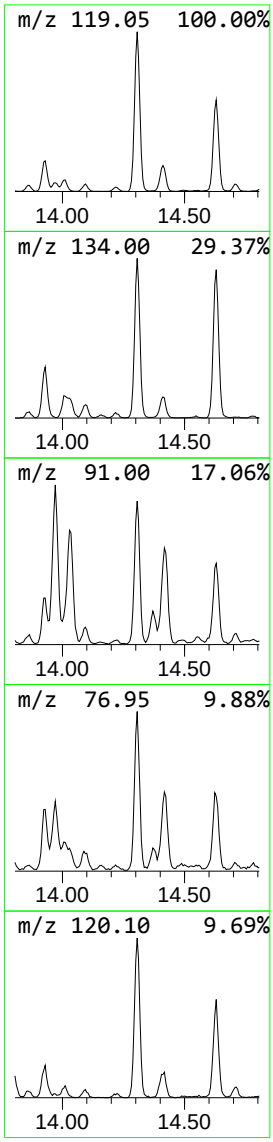
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	102.59 ug/l	4061510	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

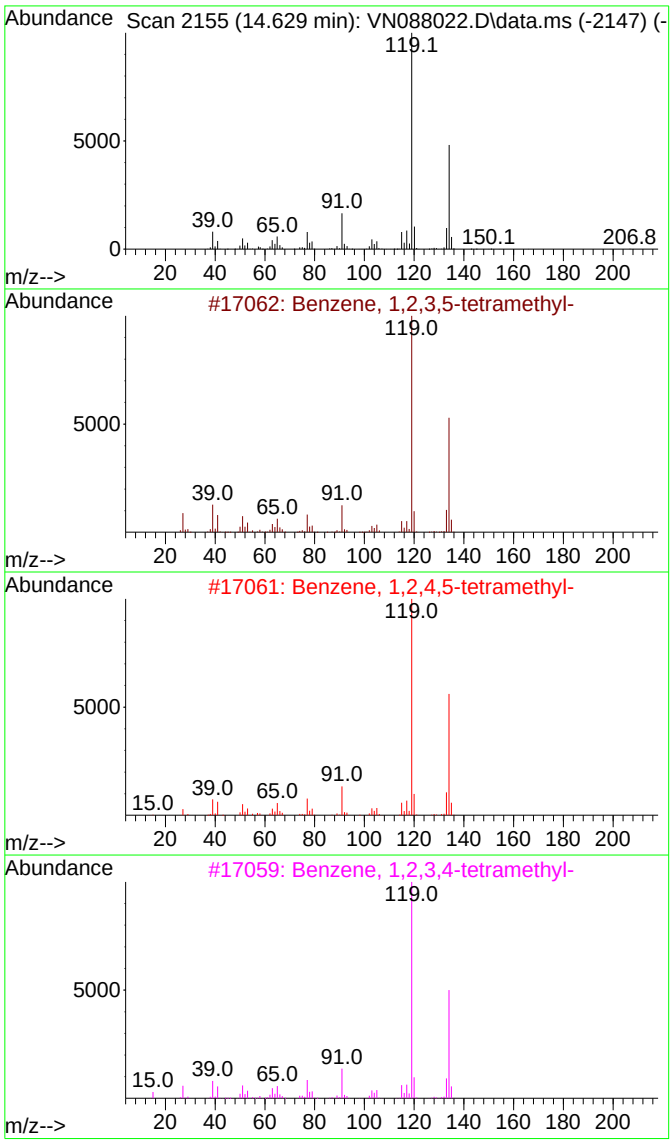
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

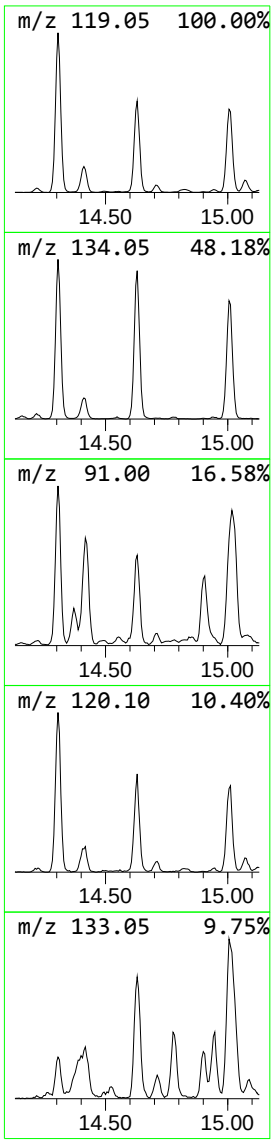
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	70.68 ug/l	2798150	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

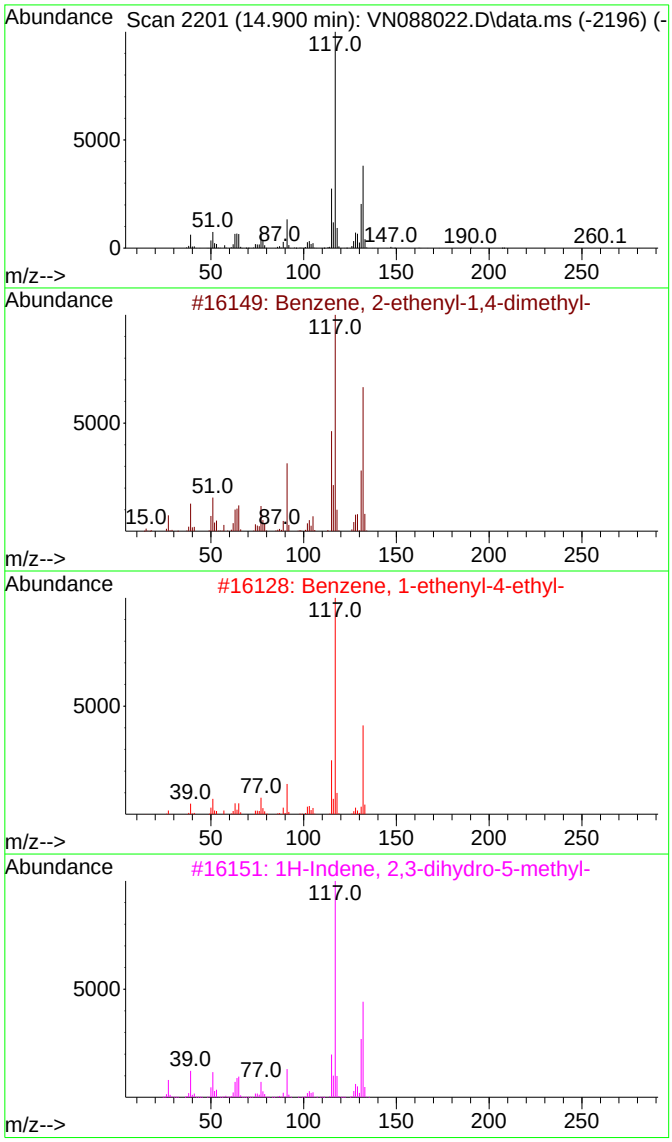
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

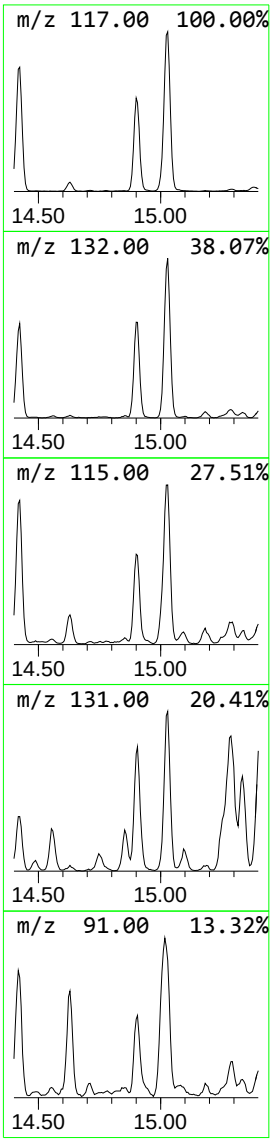
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.900	68.78 ug/l	2723030	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





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Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

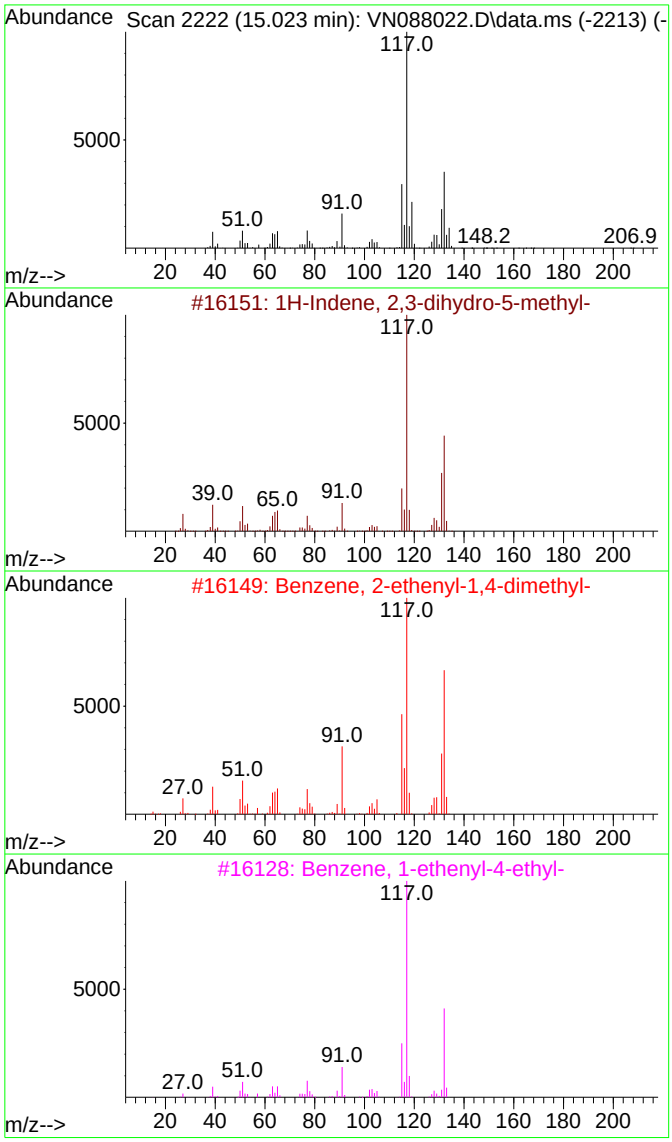
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

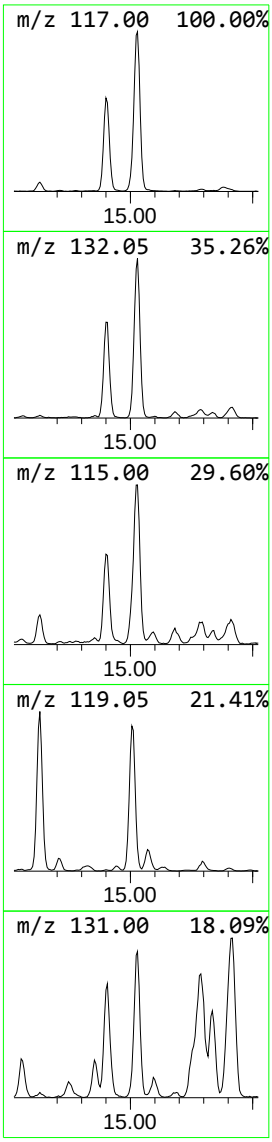
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	187.72 ug/l	7431490	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





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Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

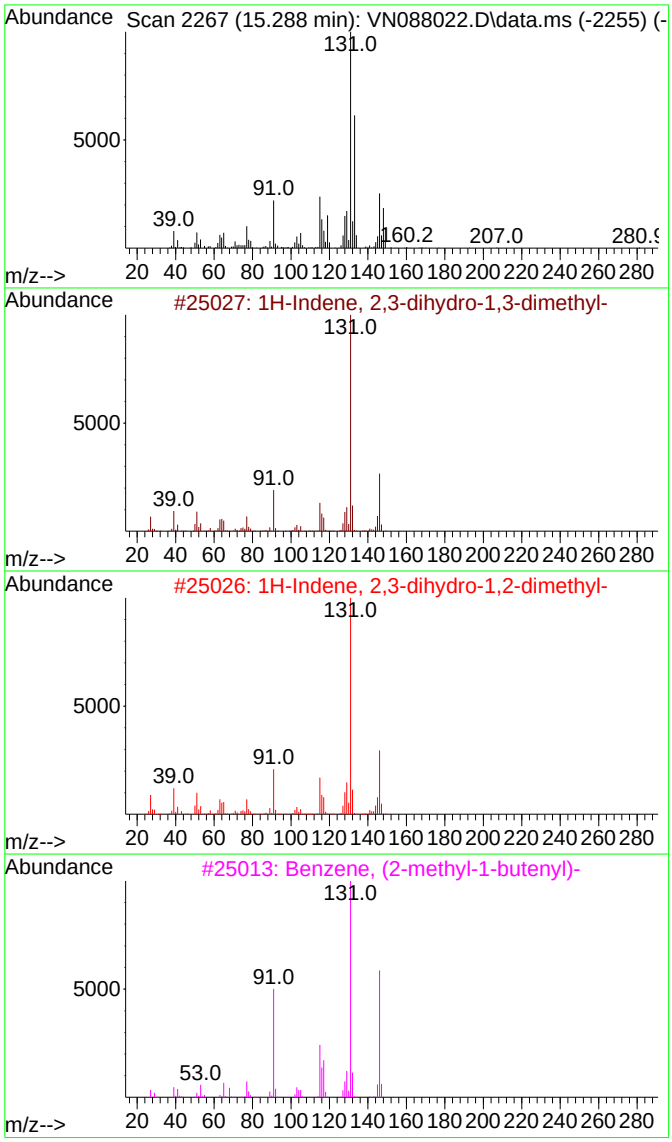
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

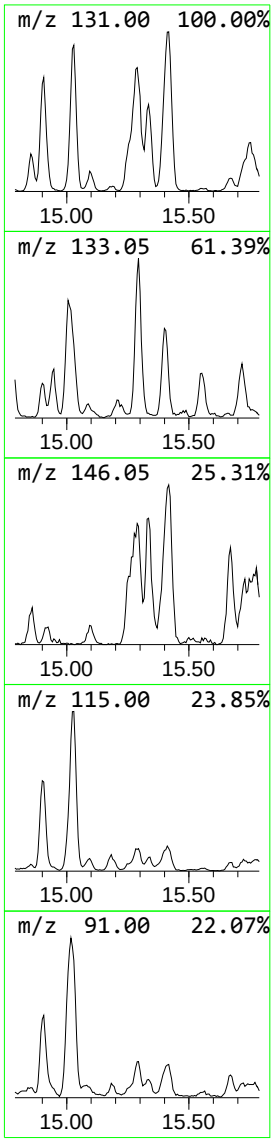
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	42.24 ug/l	1672060	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	92
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64





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Data File : VN088022.D
Acq On : 03 Oct 2025 14:38
Operator : JC\MD
Sample : Q3274-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.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
Pentane, 2-methyl-	5.336	36.9	ug/l	5378300	1	8.206	7293420	50.0
Cyclopentane, m...	7.312	64.1	ug/l	9352500	1	8.206	7293420	50.0
Isopropylcyclob...	8.835	32.3	ug/l	1628830	2	9.082	2518420	50.0
Cyclobutane, (1...	10.082	29.4	ug/l	1483190	2	9.082	2518420	50.0
Benzene, 1,4-di...	13.929	37.3	ug/l	1476560	4	13.770	1979460	50.0
Indane	13.970	117.8	ug/l	4662110	4	13.770	1979460	50.0
Benzene, 1-ethy...	14.306	102.6	ug/l	4061510	4	13.770	1979460	50.0
Benzene, 1,2,3,...	14.629	70.7	ug/l	2798150	4	13.770	1979460	50.0
Benzene, 2-ethe...	14.900	68.8	ug/l	2723030	4	13.770	1979460	50.0
1H-Indene, 2,3-...	15.023	187.7	ug/l	7431490	4	13.770	1979460	50.0
1H-Indene, 2,3-...	15.288	42.2	ug/l	1672060	4	13.770	1979460	50.0

Raw Data: **VN088026.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088026.D	5	10/03/25 16:16	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.60	UD	1.60	25.0	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	25.0	ug/L
74-83-9	Bromomethane	7.20	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	25.0	ug/L
67-64-1	Acetone	270	D	7.60	130	ug/L
75-15-0	Carbon Disulfide	1.10	UD	1.10	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	1.40	UD	1.40	25.0	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	320	D	7.30	25.0	ug/L
78-93-3	2-Butanone	4.90	UD	4.90	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	25.0	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	25.0	ug/L
108-87-2	Methylcyclohexane	240	D	0.80	25.0	ug/L
71-43-2	Benzene	96.1	D	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	25.0	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	25.0	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	25.0	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	130	ug/L
108-88-3	Toluene	9.00	JD	0.70	25.0	ug/L

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088026.D	5	10/03/25 16:16	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	25.0	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	25.0	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	25.0	ug/L
100-41-4	Ethyl Benzene	23.8	JD	0.65	25.0	ug/L
179601-23-1	m/p-Xylenes	14.3	JD	1.20	50.0	ug/L
95-47-6	o-Xylene	0.60	UD	0.60	25.0	ug/L
100-42-5	Styrene	0.75	UD	0.75	25.0	ug/L
75-25-2	Bromoform	0.95	UD	0.95	25.0	ug/L
98-82-8	Isopropylbenzene	67.4	D	0.60	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	8.206			
540-36-3	1,4-Difluorobenzene	431000	9.082			
3114-55-4	Chlorobenzene-d5	412000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	199000	13.77			

Raw Data: **VN088026.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	ANN	Date Received:	10/02/25
Client Sample ID:	MW5DL	SDG No.:	Q3274
Lab Sample ID:	Q3274-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088026.D	5	10/03/25 16:16	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088026.D
Acq On : 03 Oct 2025 16:16
Operator : JC\MD
Sample : Q3274-02DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Quant Time: Oct 04 02:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

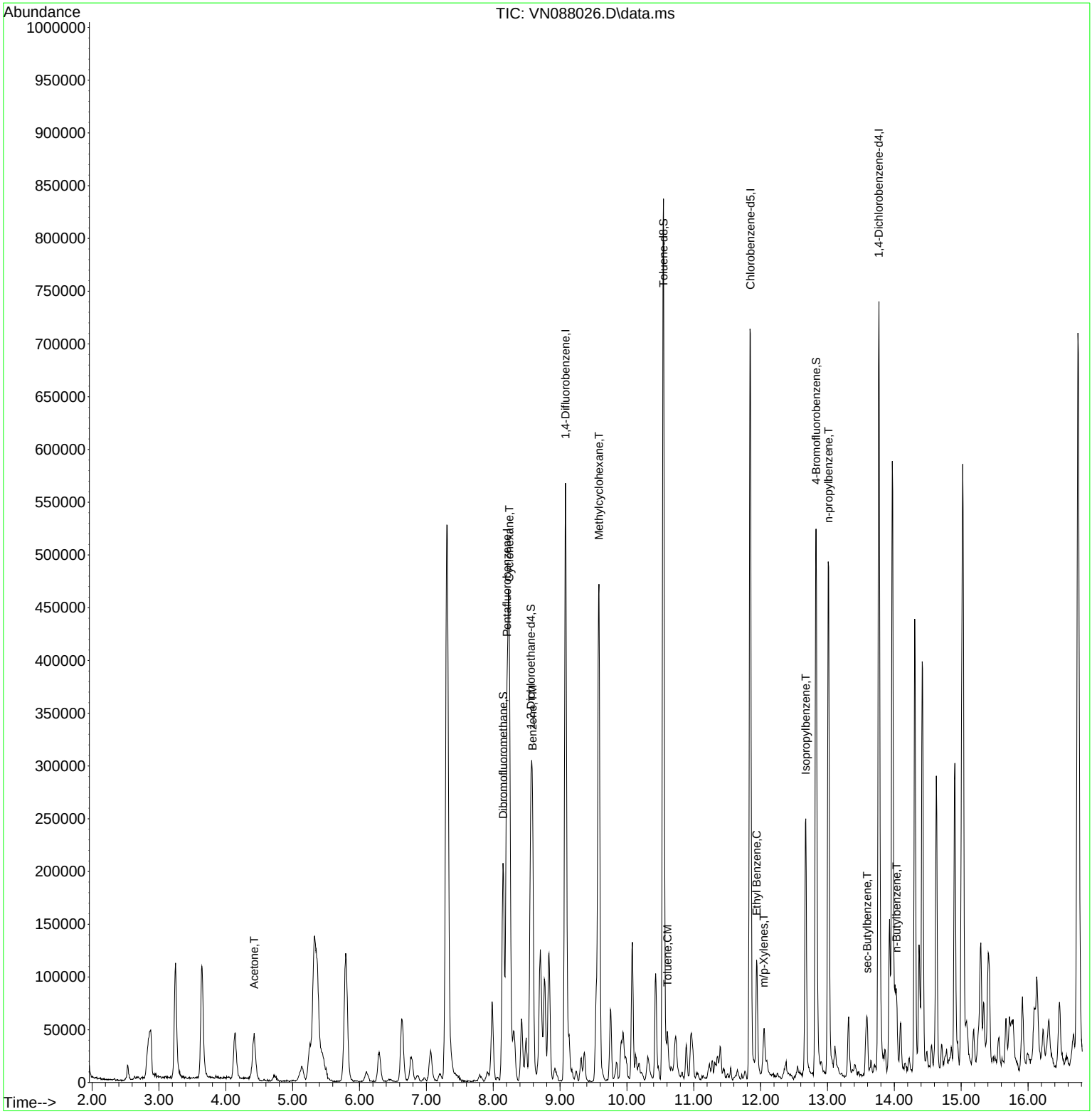
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	199029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	430919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	199129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	174477	52.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.147	113	147247	47.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.547	98	546047	49.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.829	95	199570	50.745	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.500%			
Target Compounds						Qvalue
16) Acetone	4.424	43	73990	53.689	ug/l	99
31) Cyclohexane	8.241	56	237598	63.258	ug/l	97
39) Methylcyclohexane	9.582	83	201980	48.668	ug/l	98
40) Benzene	8.588	78	239418	19.220	ug/l	99
52) Toluene	10.606	92	14136	1.808	ug/l	92
67) Ethyl Benzene	11.941	91	69711	4.761	ug/l	97
68) m/p-Xylenes	12.047	106	16039	2.864	ug/l	100
73) Isopropylbenzene	12.676	105	166276	13.473	ug/l	98
78) n-propylbenzene	13.017	91	415315	26.916	ug/l	99
85) sec-Butylbenzene	13.594	105	32040	2.419	ug/l #	65
89) n-Butylbenzene	14.035	91	41680	3.931	ug/l #	80

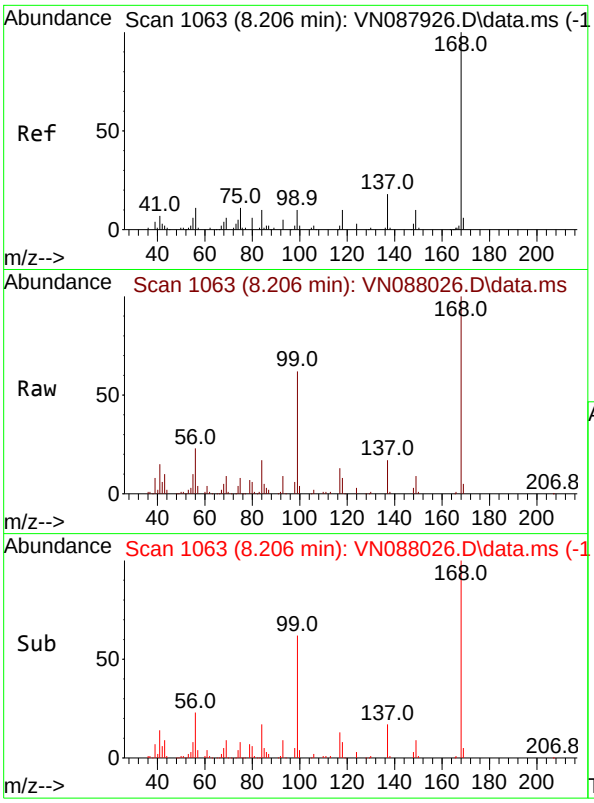
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088026.D
Acq On : 03 Oct 2025 16:16
Operator : JC\MD
Sample : Q3274-02DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Quant Time: Oct 04 02:59:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



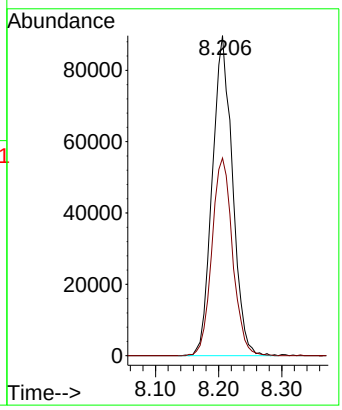


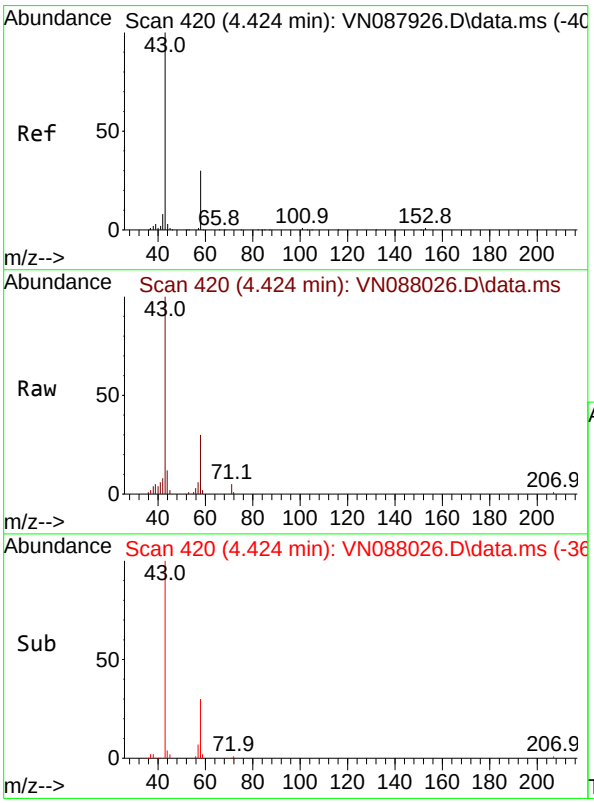
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:168 Resp: 199029

Ion	Ratio	Lower	Upper
168	100		
99	61.7	52.2	78.2

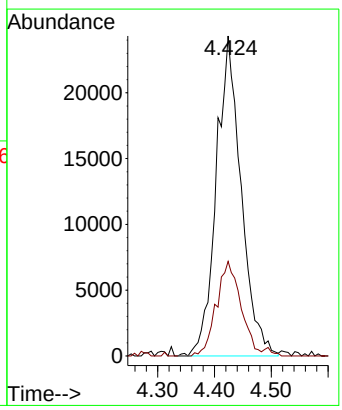


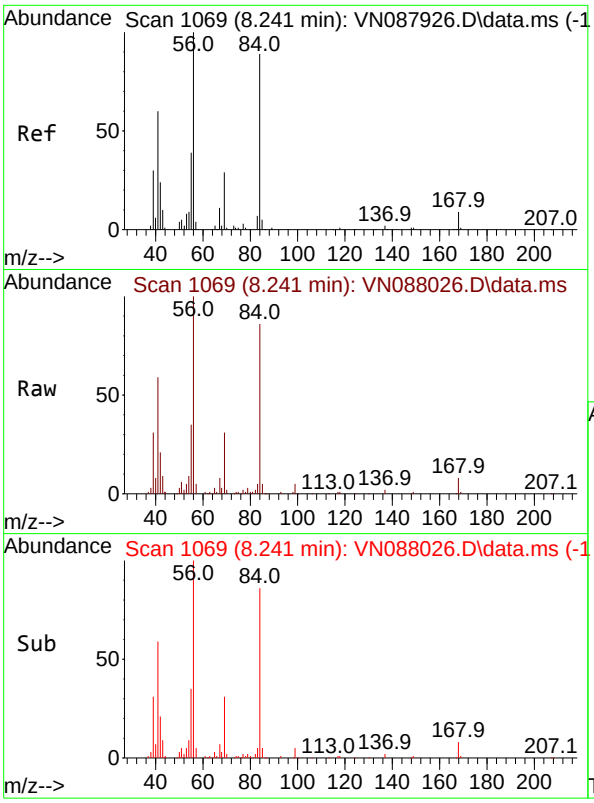


#16
Acetone
Concen: 53.689 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 43 Resp: 73990

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.1	36.1



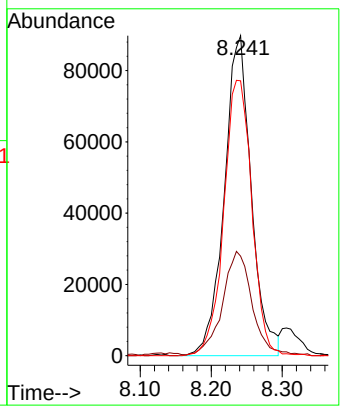


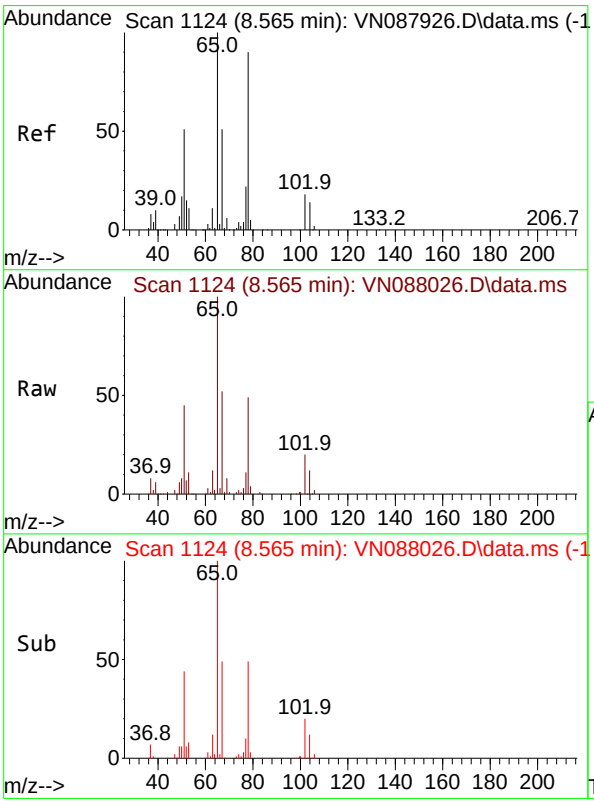
#31
Cyclohexane
Concen: 63.258 ug/l
RT: 8.241 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 56 Resp: 237598

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.4	35.0
84	85.9	70.8	106.2

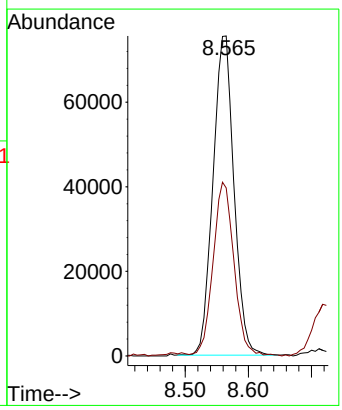


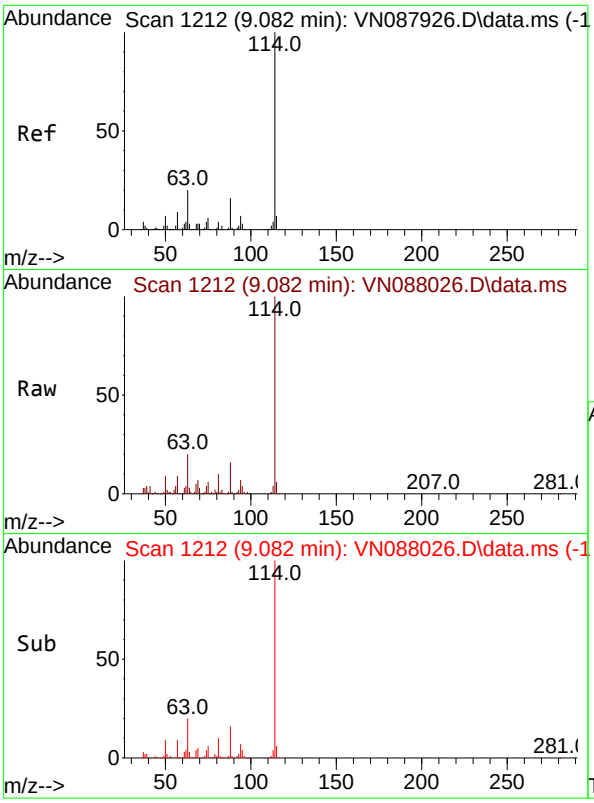


#33
1,2-Dichloroethane-d4
Concen: 52.090 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 65 Resp: 174477

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	103.4



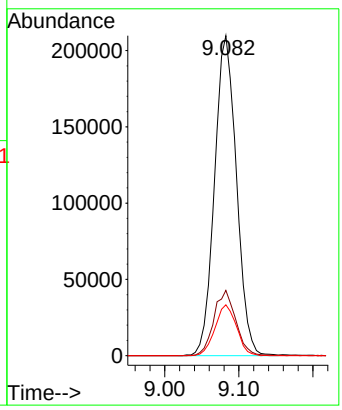


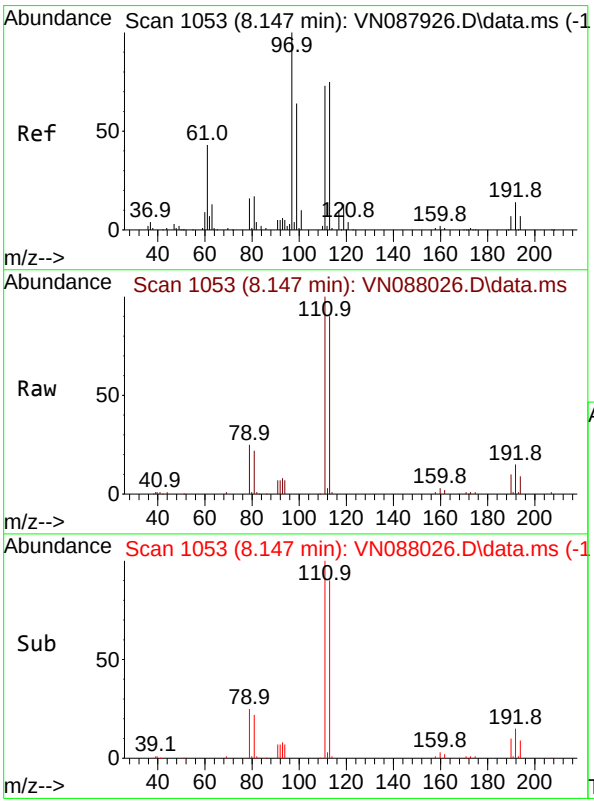
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:114 Resp: 430919

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.9	0.0	31.8

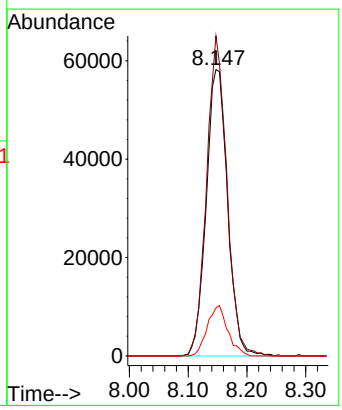


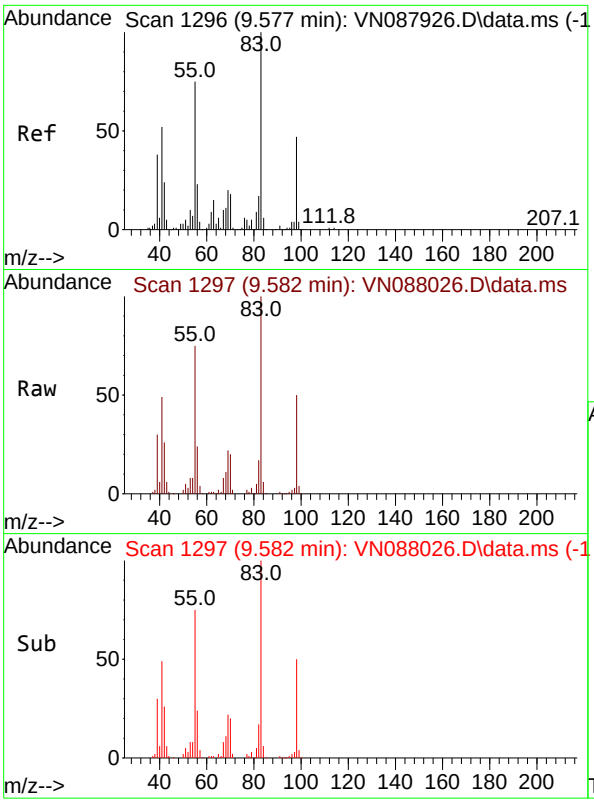


#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:113 Resp: 147247

Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.2	123.2
192	16.9	14.2	21.2



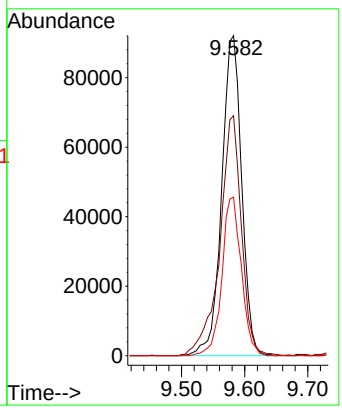


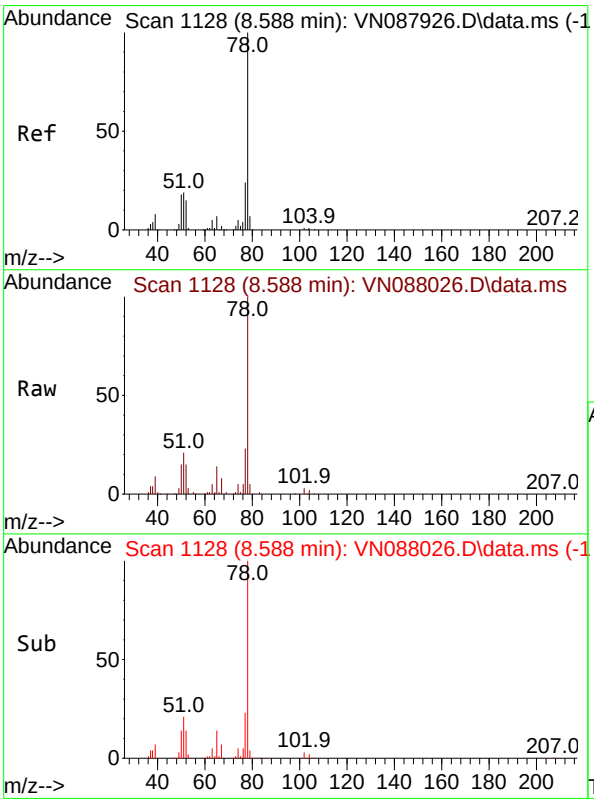
#39
Methylcyclohexane
Concen: 48.668 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 83 Resp: 201980

Ion	Ratio	Lower	Upper
83	100		
55	75.0	59.9	89.9
98	49.5	37.4	56.2

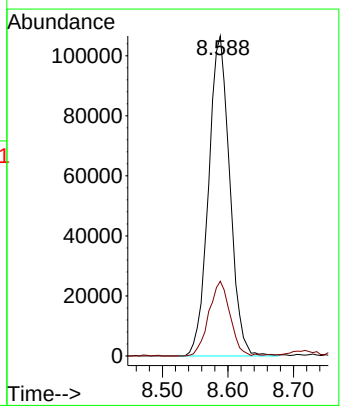


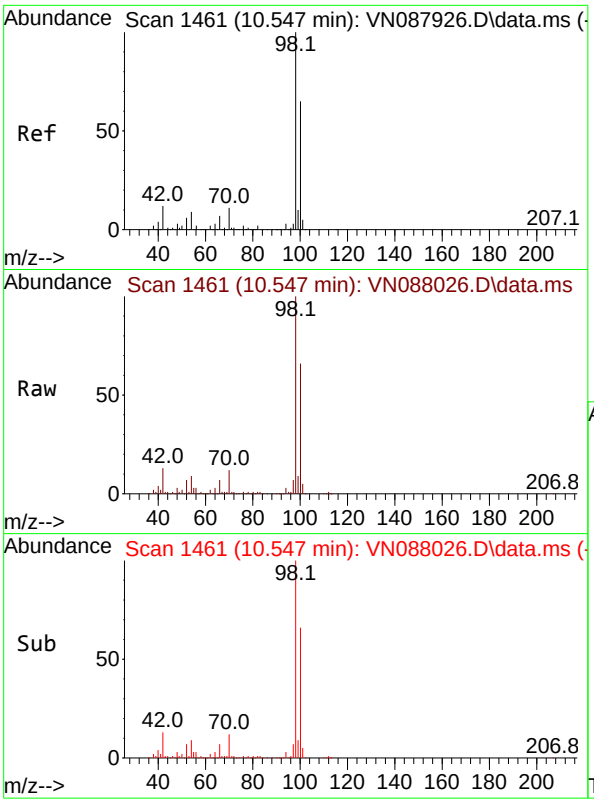


#40
Benzene
Concen: 19.220 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 78 Resp: 239418

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6



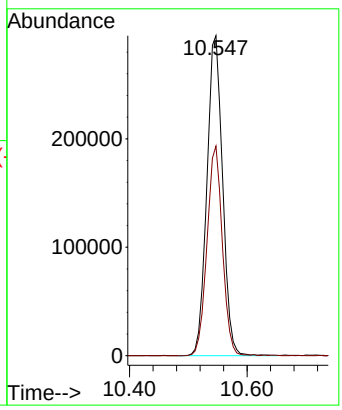


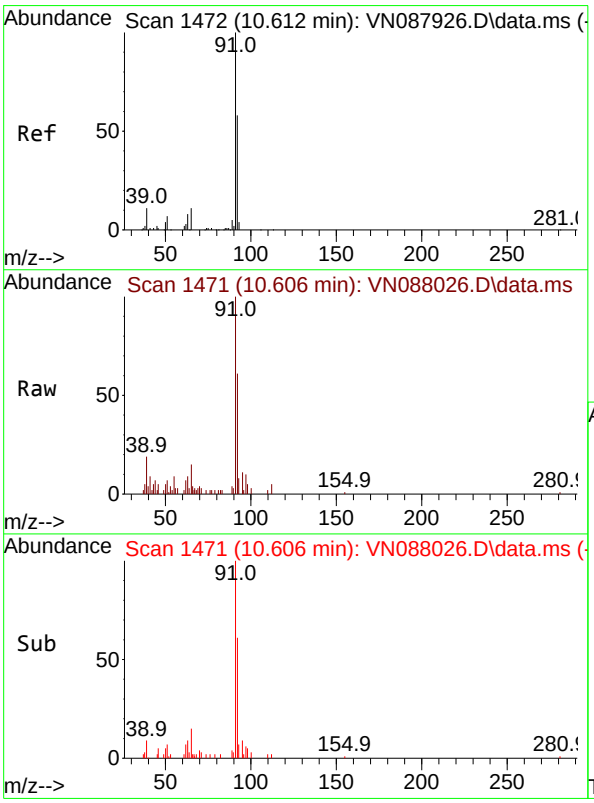
#50
Toluene-d8
Concen: 49.630 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 98 Resp: 546047

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5

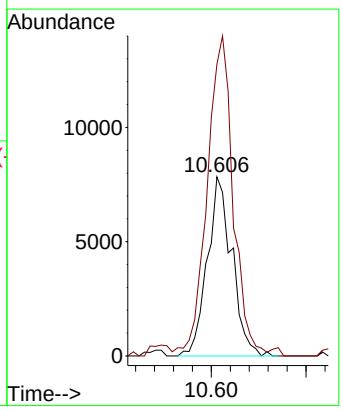


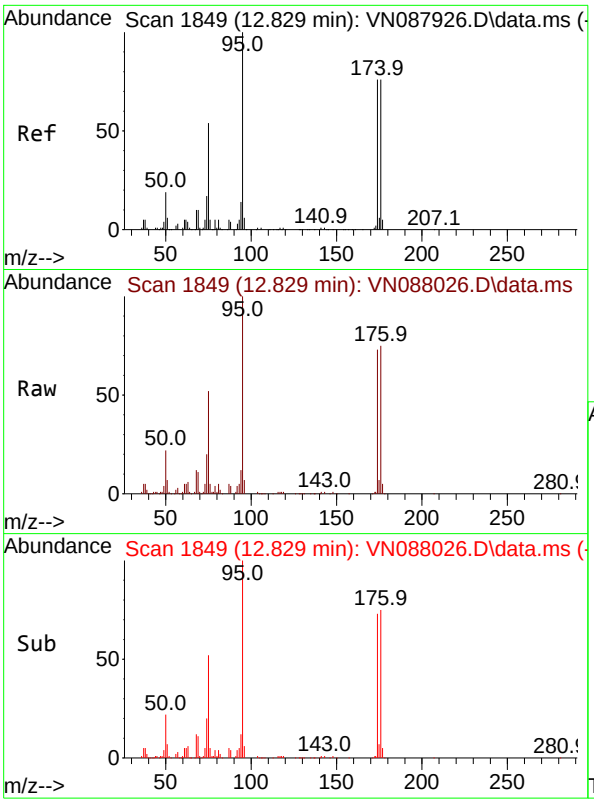


#52
Toluene
Concen: 1.808 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion: 92 Resp: 14136

Ion	Ratio	Lower	Upper
92	100		
91	184.5	138.2	207.2



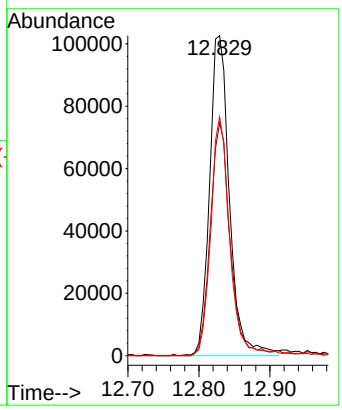


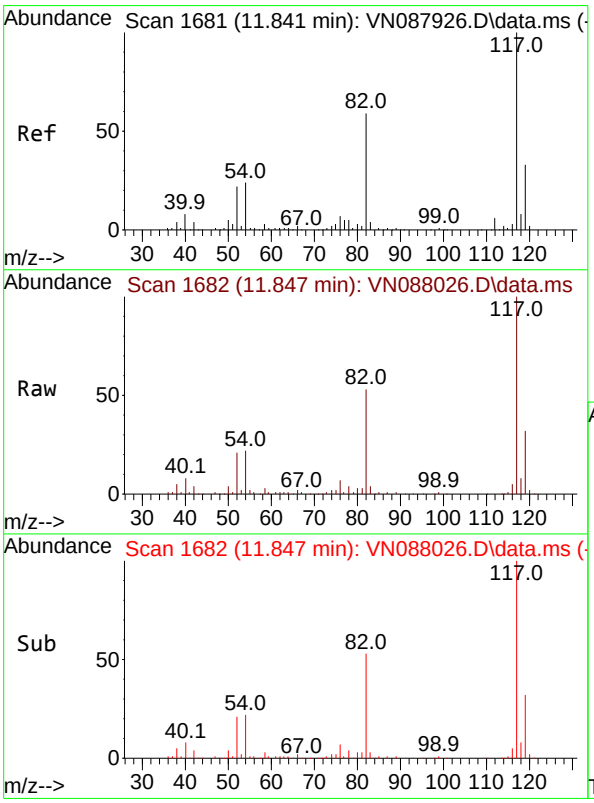
#62
4-Bromofluorobenzene
Concen: 50.745 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 95 Resp: 199570

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	159.2
176	70.9	0.0	152.6

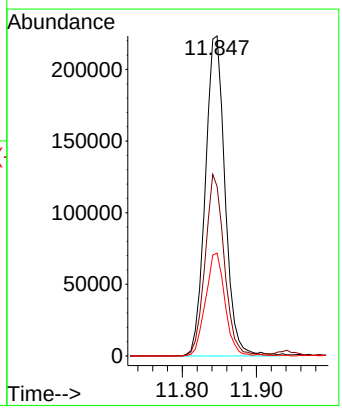


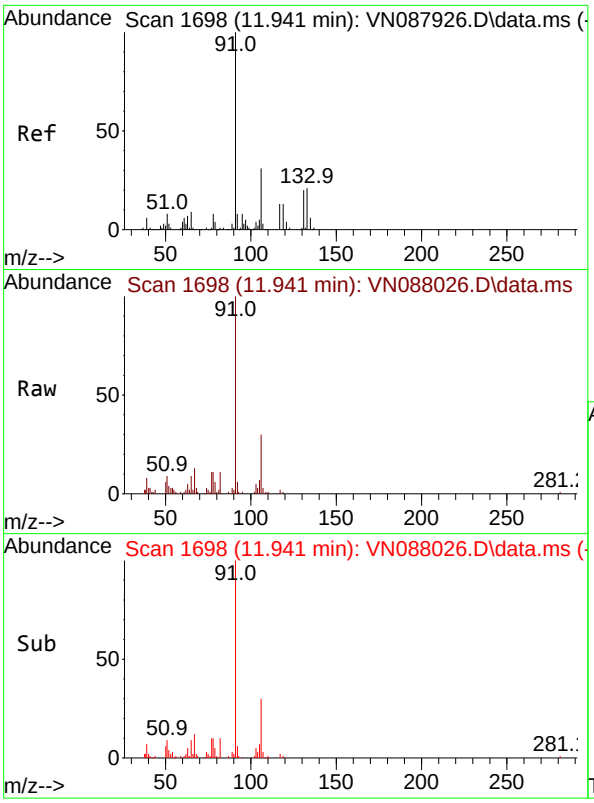


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:117 Resp: 412320

Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.0	70.4
119	32.1	26.1	39.1



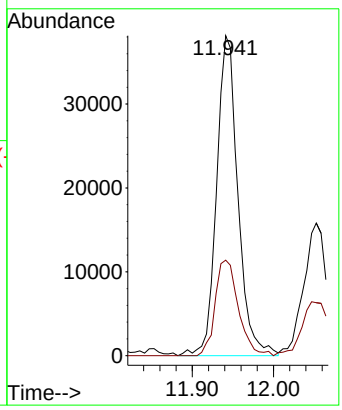


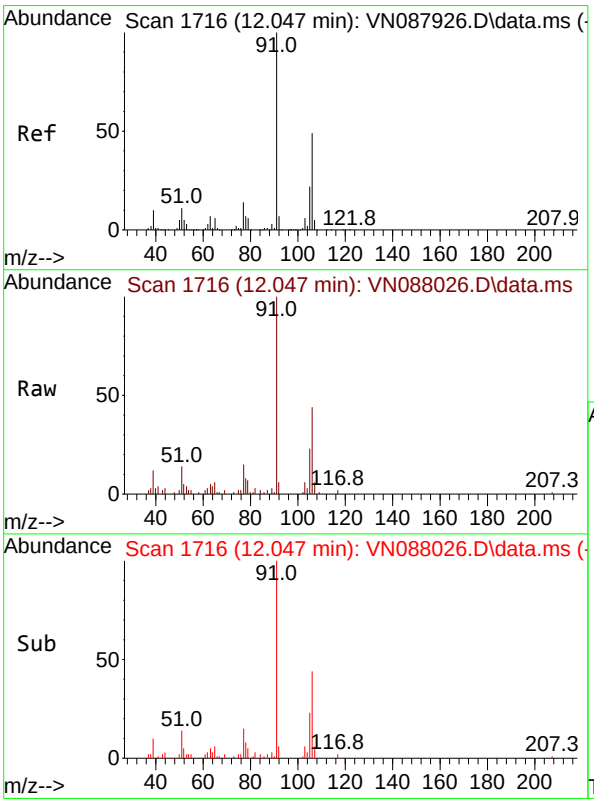
#67
Ethyl Benzene
Concen: 4.761 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 69711

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.2	37.8

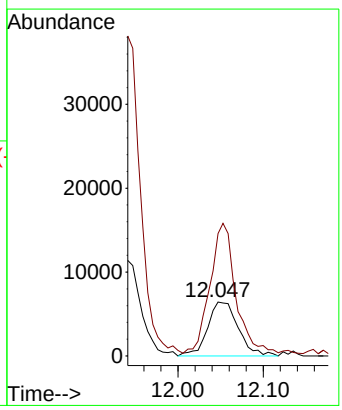


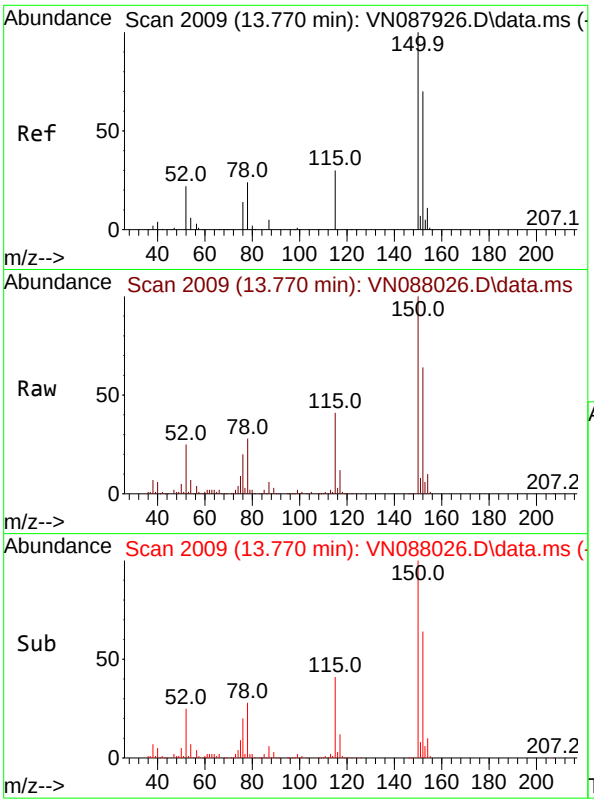


#68
m/p-Xylenes
Concen: 2.864 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:106 Resp: 16039

Ion	Ratio	Lower	Upper
106	100		
91	203.0	162.9	244.3



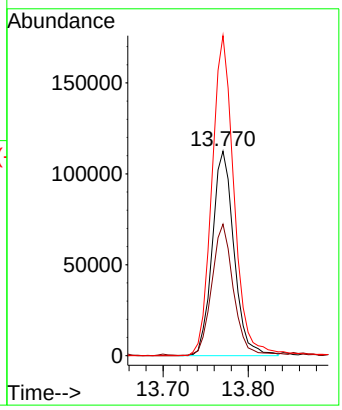


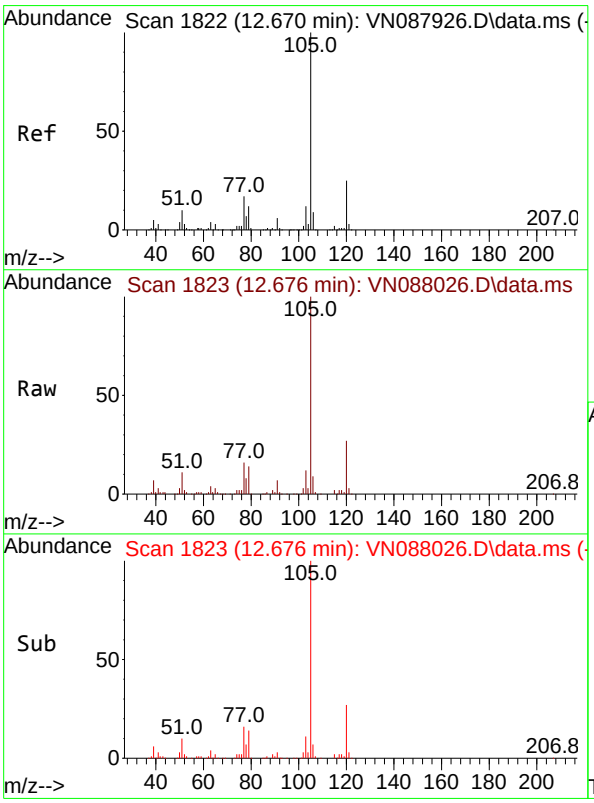
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion:152 Resp: 199129

Ion	Ratio	Lower	Upper
152	100		
115	63.9	29.9	89.7
150	160.7	0.0	335.0

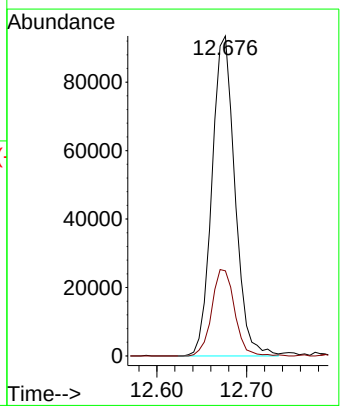


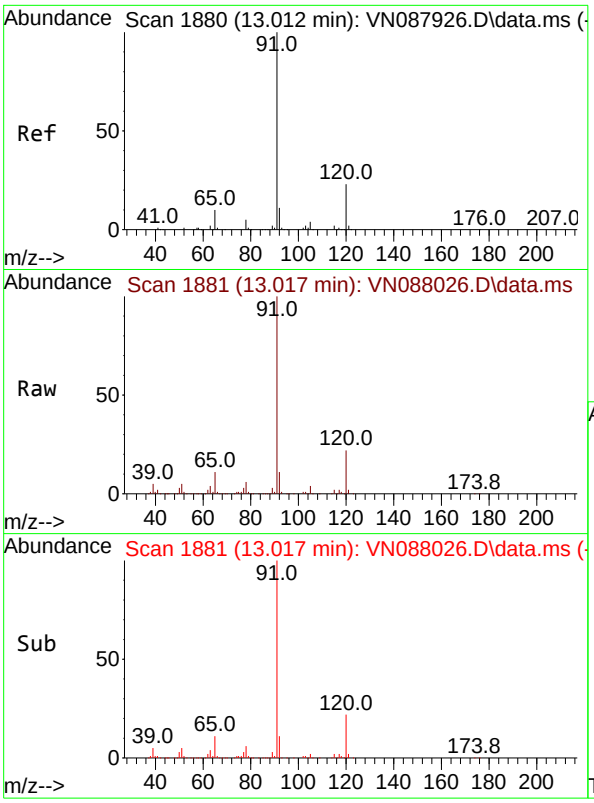


#73
Isopropylbenzene
Concen: 13.473 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:105 Resp: 166276

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.1	39.1



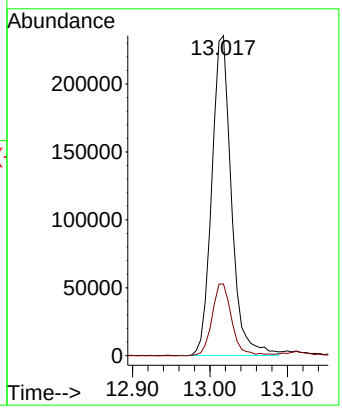


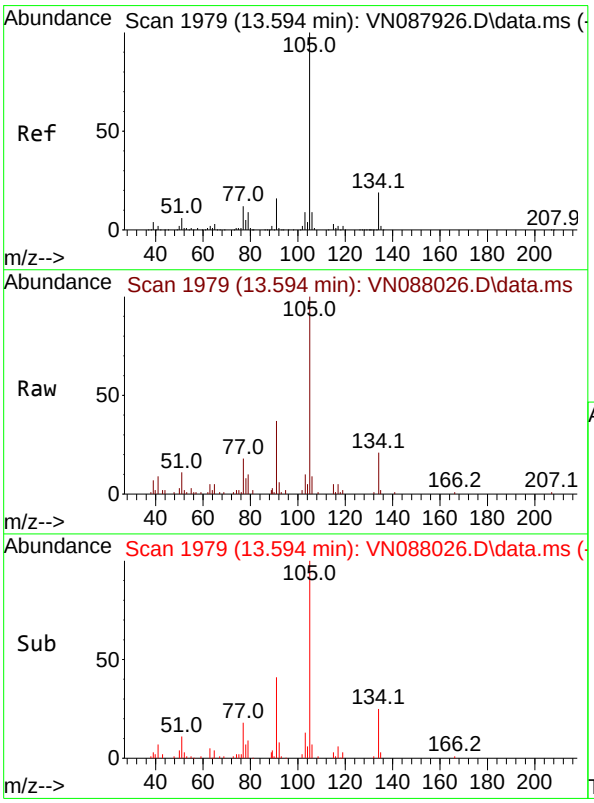
#78
n-propylbenzene
Concen: 26.916 ug/l
RT: 13.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 415315

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1

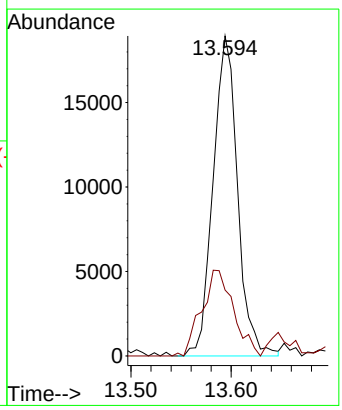


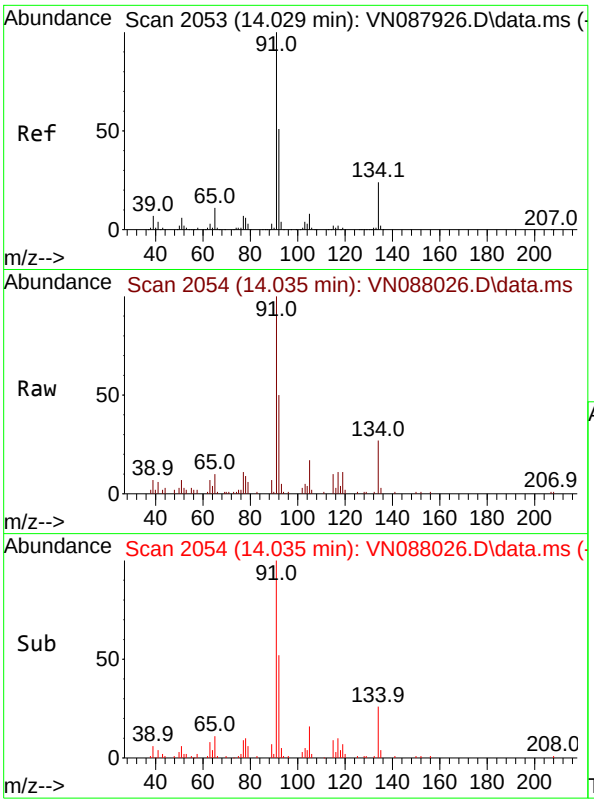


#85
sec-Butylbenzene
Concen: 2.419 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Tgt Ion:105 Resp: 32040

Ion	Ratio	Lower	Upper
105	100		
134	34.9	9.6	28.8#



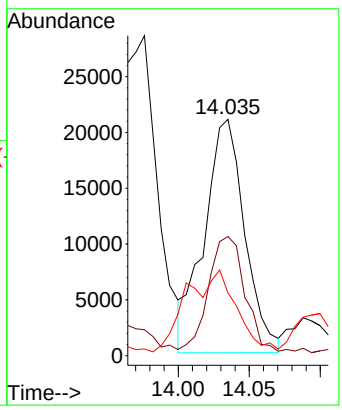


#89
n-Butylbenzene
Concen: 3.931 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088026.D
Acq: 03 Oct 2025 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW5DL

Tgt Ion: 91 Resp: 41680

Ion	Ratio	Lower	Upper
91	100		
92	46.0	25.9	77.8
134	47.3	12.6	37.8#



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3274

Instrument ID: MSVOA_N Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:33 11:47

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

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D
RRF150 = VN087928.D RRF020 = VN087930.D RRF =

COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.590	0.526	0.505	0.612	0.662		0.579	11
Chloromethane	0.662	0.532	0.497	0.602	0.672		0.593	13.1
Vinyl Chloride	0.656	0.553	0.516	0.613	0.686		0.605	11.7
Bromomethane	0.388	0.320	0.331	0.415	0.422		0.375	12.6
Chloroethane	0.442	0.355	0.337	0.407	0.425		0.393	11.5
Trichlorofluoromethane	1.169	0.883	0.816	0.987	1.068		0.985	14.3
1,1,2-Trichlorotrifluoroethane	0.597	0.475	0.439	0.528	0.563		0.521	12.3
1,1-Dichloroethene	0.591	0.470	0.448	0.539	0.579		0.525	12.2
Acetone	0.417	0.298	0.274	0.326	0.417		0.346	19.4
Carbon Disulfide	1.788	1.485	1.399	1.672	1.862		1.641	12
Methyl tert-butyl Ether	2.047	1.907	1.811	2.256	2.237		2.052	9.6
Methyl Acetate	0.822	0.813	0.767	0.934	0.997		0.866	11
Methylene Chloride	0.871	0.621	0.571	0.680	0.761		0.701	16.9
trans-1,2-Dichloroethene	0.758	0.570	0.542	0.654	0.695		0.644	13.8
1,1-Dichloroethane	1.315	1.057	0.984	1.206	1.268		1.166	12.1
Cyclohexane	1.163	0.827	0.758	0.951	1.020		0.944	16.9
2-Butanone	0.557	0.479	0.453	0.554	0.602		0.529	11.6
Carbon Tetrachloride	0.524	0.461	0.432	0.542	0.545		0.501	10.3
cis-1,2-Dichloroethene	0.852	0.690	0.656	0.804	0.829		0.766	11.5
Bromochloromethane	0.667	0.662	0.598	0.570	0.671		0.634	7.3
Chloroform	1.419	1.145	1.075	1.313	1.424		1.275	12.5
1,1,1-Trichloroethane	1.190	0.958	0.908	1.133	1.197		1.077	12.5
Methylcyclohexane	0.445	0.444	0.435	0.562	0.521		0.482	11.8
Benzene	1.507	1.353	1.258	1.540	1.569		1.445	9.3
1,2-Dichloroethane	0.572	0.484	0.467	0.565	0.609		0.539	11.3
Trichloroethene	0.367	0.315	0.304	0.367	0.374		0.345	9.6
1,2-Dichloropropane	0.391	0.333	0.310	0.377	0.402		0.362	10.9
Bromodichloromethane	0.581	0.521	0.489	0.597	0.616		0.561	9.6
4-Methyl-2-Pentanone	0.532	0.537	0.509	0.614	0.623		0.563	9.2
Toluene	0.897	0.848	0.811	0.998	0.981		0.907	9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3274

Instrument ID: MSVOA_N Calibration Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:33 11:47

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

LAB FILE ID: RRF005 = VN087924.D RRF050 = VN087926.D RRF100 = VN087927.D
RRF150 = VN087928.D RRF020 = VN087930.D RRF =

COMPOUND	RRF005	RRF050	RRF100	RRF150	RRF020	RRF	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.556	0.528	0.518	0.650	0.617		0.574	10
cis-1,3-Dichloropropene	0.593	0.544	0.534	0.659	0.651		0.596	9.8
1,1,2-Trichloroethane	0.390	0.339	0.318	0.384	0.413		0.369	10.5
2-Hexanone	0.297	0.369	0.358	0.436	0.402		0.372	14.1
Dibromochloromethane	0.425	0.402	0.391	0.479	0.472		0.434	9.2
1,2-Dibromoethane	0.395	0.362	0.341	0.420	0.435		0.390	10
Tetrachloroethene	0.308	0.279	0.264	0.328	0.345		0.305	11
Chlorobenzene	1.057	0.951	0.940	1.153	1.218		1.064	11.5
Ethyl Benzene	1.650	1.601	1.637	2.022	1.968		1.775	11.4
m/p-Xylenes	0.612	0.637	0.615	0.767	0.765		0.679	11.8
o-Xylene	0.593	0.598	0.601	0.752	0.718		0.652	11.7
Styrene	0.906	1.063	1.061	1.312	1.260		1.120	14.7
Bromoform	0.286	0.285	0.289	0.352	0.344		0.311	10.9
Isopropylbenzene	2.660	2.804	2.859	3.653	3.518		3.099	14.6
1,1,2,2-Tetrachloroethane	1.212	0.979	0.954	1.168	1.269		1.117	12.7
1,3-Dichlorobenzene	1.689	1.403	1.409	1.745	1.798		1.609	11.7
1,4-Dichlorobenzene	1.800	1.413	1.423	1.744	1.888		1.654	13.4
1,2-Dichlorobenzene	1.591	1.357	1.358	1.673	1.776		1.551	12.2
1,2-Dibromo-3-Chloropropane	0.285	0.220	0.221	0.286	0.285		0.259	13.7
1,2,4-Trichlorobenzene	0.867	0.791	0.830	1.099	0.991		0.916	13.9
1,2,3-Trichlorobenzene	0.780	0.783	0.800	1.068	1.020		0.890	15.9
1,2-Dichloroethane-d4	0.852	0.872	0.901	0.877	0.705		0.841	9.3
Dibromofluoromethane	0.376	0.372	0.385	0.376	0.305		0.363	9
Toluene-d8	1.189	1.352	1.429	1.387	1.026		1.277	13.1
4-Bromofluorobenzene	0.432	0.476	0.511	0.496	0.367		0.456	12.8

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

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025
Response Via : Initial Calibration

Calibration Files
5 =VN087924.D 20 =VN087930.D 50 =VN087926.D 100 =VN087927.D 150 =VN087928.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.590	0.662	0.526	0.505	0.612	0.579	11.05
3)	P	Chloromethane	0.662	0.672	0.532	0.497	0.602	0.593	13.10
4)	C	Vinyl Chloride	0.656	0.686	0.553	0.516	0.613	0.605	11.66#
5)	T	Bromomethane	0.388	0.422	0.320	0.331	0.415	0.375	12.64
6)	T	Chloroethane	0.442	0.425	0.355	0.337	0.407	0.393	11.53
7)	T	Trichlorofluorom...	1.169	1.068	0.883	0.816	0.987	0.985	14.32
8)	T	Diethyl Ether	0.400	0.419	0.339	0.315	0.387	0.372	11.73
9)	T	1,1,2-Trichlorot...	0.597	0.563	0.475	0.439	0.528	0.521	12.30
10)	T	Methyl Iodide	0.335	0.474	0.462	0.478	0.593	0.468	19.57
11)	T	Tert butyl alcohol	0.125	0.139	0.108	0.105	0.129	0.121	12.18
12)	CM	1,1-Dichloroethene	0.591	0.579	0.470	0.448	0.539	0.525	12.18#
13)	T	Acrolein	0.170	0.148	0.120	0.165	0.174	0.156	14.22
14)	T	Allyl chloride	0.898	0.941	0.760	0.750	0.926	0.855	10.82
15)	T	Acrylonitrile	0.395	0.430	0.348	0.328	0.400	0.380	10.86
16)	T	Acetone	0.417	0.417	0.298	0.274	0.326	0.346	19.36
17)	T	Carbon Disulfide	1.788	1.862	1.485	1.399	1.672	1.641	11.96
18)	T	Methyl Acetate	0.822	0.997	0.813	0.767	0.934	0.866	11.00
19)	T	Methyl tert-buty...	2.047	2.237	1.907	1.811	2.256	2.052	9.60
20)	T	Methylene Chloride	0.871	0.761	0.621	0.571	0.680	0.701	16.92
21)	T	trans-1,2-Dichlo...	0.758	0.695	0.570	0.542	0.654	0.644	13.79
22)	T	Diisopropyl ether	2.040	2.153	1.826	1.763	2.199	1.996	9.75
23)	T	Vinyl Acetate	1.585	1.884	1.566	1.502	1.867	1.681	10.75
24)	P	1,1-Dichloroethane	1.315	1.268	1.057	0.984	1.206	1.166	12.08
25)	T	2-Butanone	0.557	0.602	0.479	0.453	0.554	0.529	11.56
26)	T	2,2-Dichloropropane	1.136	1.175	0.932	0.868	1.069	1.036	12.71
27)	T	cis-1,2-Dichloro...	0.852	0.829	0.690	0.656	0.804	0.766	11.45
28)	T	Bromochloromethane	0.667	0.671	0.662	0.598	0.570	0.634	7.35
29)	T	Tetrahydrofuran	0.335	0.379	0.311	0.298	0.371	0.339	10.57
30)	C	Chloroform	1.419	1.424	1.145	1.075	1.313	1.275	12.49#
31)	T	Cyclohexane	1.163	1.020	0.827	0.758	0.951	0.944	16.90
32)	T	1,1,1-Trichloroe...	1.190	1.197	0.958	0.908	1.133	1.077	12.54
33)	S	1,2-Dichloroetha...	0.852	0.705	0.872	0.901	0.877	0.841	9.28
34)	I	1,4-Difluorobenzene	----------ISTD----------						
35)	S	Dibromofluoromet...	0.376	0.305	0.372	0.385	0.376	0.363	8.96
36)	T	1,1-Dichloropropene	0.435	0.472	0.408	0.390	0.478	0.437	8.78
37)	T	Ethyl Acetate	0.602	0.605	0.536	0.503	0.621	0.573	8.88
38)	T	Carbon Tetrachlo...	0.524	0.545	0.461	0.432	0.542	0.501	10.26
39)	T	Methylcyclohexane	0.445	0.521	0.444	0.435	0.562	0.482	11.81
40)	TM	Benzene	1.507	1.569	1.353	1.258	1.540	1.445	9.26
41)	T	Methacrylonitrile	0.290	0.314	0.288	0.263	0.327	0.296	8.37
42)	TM	1,2-Dichloroethane	0.572	0.609	0.484	0.467	0.565	0.539	11.30
43)	T	Isopropyl Acetate	0.885	0.976	0.834	0.809	1.007	0.902	9.63
44)	TM	Trichloroethene	0.367	0.374	0.315	0.304	0.367	0.345	9.59
45)	C	1,2-Dichloropropane	0.391	0.402	0.333	0.310	0.377	0.362	10.93#
46)	T	Dibromomethane	0.283	0.329	0.260	0.250	0.307	0.286	11.42
47)	T	Bromodichloromet...	0.581	0.616	0.521	0.489	0.597	0.561	9.56
48)	T	Methyl methacrylate	0.392	0.446	0.389	0.384	0.479	0.418	10.19
49)	T	1,4-Dioxane	0.006	0.007	0.006	0.005	0.007	0.006	11.38
50)	S	Toluene-d8	1.189	1.026	1.352	1.429	1.387	1.277	13.06
51)	T	4-Methyl-2-Penta...	0.532	0.623	0.537	0.509	0.614	0.563	9.20
52)	CM	Toluene	0.897	0.981	0.848	0.811	0.998	0.907	9.02#
53)	T	t-1,3-Dichloropr...	0.556	0.617	0.528	0.518	0.650	0.574	10.00
54)	T	cis-1,3-Dichloro...	0.593	0.651	0.544	0.534	0.659	0.596	9.76
55)	T	1,1,2-Trichloroe...	0.390	0.413	0.339	0.318	0.384	0.369	10.55
56)	T	Ethyl methacrylate	0.433	0.561	0.515	0.513	0.644	0.533	14.50

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N092325W.M

57)	T	1,3-Dichloropropane	0.610	0.667	0.567	0.539	0.651	0.607	8.94
58)	T	2-Chloroethyl Vi...	0.193	0.278	0.219	0.250	0.312	0.251	18.74
59)	T	2-Hexanone	0.297	0.402	0.369	0.358	0.436	0.372	14.07
60)	T	Dibromochloromet...	0.425	0.472	0.402	0.391	0.479	0.434	9.19
61)	T	1,2-Dibromoethane	0.395	0.435	0.362	0.341	0.420	0.390	10.02
62)	S	4-Bromofluoroben...	0.432	0.367	0.476	0.511	0.496	0.456	12.76
63)	I	Chlorobenzene-d5	----------ISTD----------						
64)	T	Tetrachloroethene	0.308	0.345	0.279	0.264	0.328	0.305	10.99
65)	PM	Chlorobenzene	1.057	1.218	0.951	0.940	1.153	1.064	11.49
66)	T	1,1,1,2-Tetrachl...	0.402	0.423	0.349	0.335	0.409	0.384	10.11
67)	C	Ethyl Benzene	1.650	1.968	1.601	1.637	2.022	1.775	11.39#
68)	T	m/p-Xylenes	0.612	0.765	0.637	0.615	0.767	0.679	11.77
69)	T	o-Xylene	0.593	0.718	0.598	0.601	0.752	0.652	11.72
70)	T	Styrene	0.906	1.260	1.063	1.061	1.312	1.120	14.72
71)	P	Bromoform	0.286	0.344	0.285	0.289	0.352	0.311	10.91
72)	I	1,4-Dichlorobenzen...	----------ISTD----------						
73)	T	Isopropylbenzene	2.660	3.518	2.804	2.859	3.653	3.099	14.61
74)	T	N-amyl acetate		1.023	0.884	0.942	1.236	1.021	15.09
75)	P	1,1,2,2-Tetrachl...	1.212	1.269	0.979	0.954	1.168	1.117	12.71
76)	T	1,2,3-Trichlorop...	0.969	1.172	0.866	0.857	1.064	0.986	13.63
77)	T	Bromobenzene	0.851	0.919	0.716	0.720	0.916	0.825	12.22
78)	T	n-propylbenzene	3.637	4.345	3.468	3.493	4.429	3.874	12.22
79)	T	2-Chlorotoluene	2.330	2.636	2.084	2.098	2.647	2.359	11.68
80)	T	1,3,5-Trimethylb...	2.388	3.064	2.400	2.472	3.079	2.680	13.36
81)	T	trans-1,4-Dichlo...	0.303	0.381	0.308	0.337	0.447	0.355	16.84
82)	T	4-Chlorotoluene	2.124	2.748	2.146	2.162	2.705	2.377	13.44
83)	T	tert-Butylbenzene	1.963	2.581	2.059	2.118	2.623	2.269	13.64
84)	T	1,2,4-Trimethylb...	2.418	3.101	2.514	2.539	3.174	2.749	13.04
85)	T	sec-Butylbenzene	3.078	3.736	3.004	3.023	3.790	3.326	12.03
86)	T	p-Isopropyltoluene	2.496	3.176	2.558	2.591	3.264	2.817	13.16
87)	T	1,3-Dichlorobenzene	1.689	1.798	1.403	1.409	1.745	1.609	11.75
88)	T	1,4-Dichlorobenzene	1.800	1.888	1.413	1.423	1.744	1.654	13.39
89)	T	n-Butylbenzene	2.481	3.002	2.372	2.418	3.039	2.662	12.36
90)	T	Hexachloroethane	0.631	0.665	0.505	0.509	0.633	0.588	12.88
91)	T	1,2-Dichlorobenzene	1.591	1.776	1.357	1.358	1.673	1.551	12.15
92)	T	1,2-Dibromo-3-Ch...	0.285	0.285	0.220	0.221	0.286	0.259	13.71
93)	T	1,2,4-Trichlorob...	0.867	0.991	0.791	0.830	1.099	0.916	13.89
94)	T	Hexachlorobutadiene	0.348	0.381	0.293	0.288	0.375	0.337	13.11
95)	T	Naphthalene	2.398	3.241	2.601	2.761	3.697	2.939	17.88
96)	T	1,2,3-Trichlorob...	0.780	1.020	0.783	0.800	1.068	0.890	15.91

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	222356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	420635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	202125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	18952	5.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.120%#		
35) Dibromofluoromethane	8.153	113	15821	5.180	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.360%#		
50) Toluene-d8	10.541	98	50031	4.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.320%#		
62) 4-Bromofluorobenzene	12.829	95	18155	4.729	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	13126	5.097	ug/l	99
3) Chloromethane	2.383	50	14715	5.581	ug/l	93
4) Vinyl Chloride	2.536	62	14589	5.423	ug/l	93
5) Bromomethane	2.971	94	8627	5.173	ug/l	89
6) Chloroethane	3.136	64	9834	5.623	ug/l	93
7) Trichlorofluoromethane	3.512	101	25997	5.936	ug/l	99
8) Diethyl Ether	3.965	74	8903	5.381	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	13274	5.734	ug/l	97
10) Methyl Iodide	4.589	142	7442	3.572	ug/l	98
11) Tert butyl alcohol	5.518	59	13898	25.785	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	13134	5.623	ug/l	85
13) Acrolein	4.171	56	18861	27.272	ug/l	100
14) Allyl chloride	5.012	41	19959	5.249	ug/l	92
15) Acrylonitrile	5.712	53	43865	25.945	ug/l	99
16) Acetone	4.430	43	46306m	29.892	ug/l	
17) Carbon Disulfide	4.700	76	39748	5.447	ug/l	100
18) Methyl Acetate	5.012	43	18268	4.741	ug/l #	57
19) Methyl tert-butyl Ether	5.794	73	45522	4.989	ug/l	100
20) Methylene Chloride	5.265	84	19358	6.212	ug/l #	94
21) trans-1,2-Dichloroethene	5.777	96	16849	5.884	ug/l	91
22) Diisopropyl ether	6.665	45	45352	5.109	ug/l #	94
23) Vinyl Acetate	6.588	43	176170	23.571	ug/l	98
24) 1,1-Dichloroethane	6.553	63	29249	5.640	ug/l	95
25) 2-Butanone	7.477	43	61960	26.329	ug/l	94
26) 2,2-Dichloropropane	7.471	77	25251	5.480	ug/l	97
27) cis-1,2-Dichloroethene	7.465	96	18948	5.562	ug/l	97
28) Bromochloromethane	7.794	49	14841	5.267	ug/l	98
29) Tetrahydrofuran	7.824	42	37229	24.706	ug/l	98
30) Chloroform	7.947	83	31560	5.566	ug/l	94
31) Cyclohexane	8.235	56	25850	6.160	ug/l	86
32) 1,1,1-Trichloroethane	8.153	97	26469	5.524	ug/l #	86
36) 1,1-Dichloropropene	8.359	75	18296	4.982	ug/l	95
37) Ethyl Acetate	7.553	43	25308	5.248	ug/l #	96
38) Carbon Tetrachloride	8.347	117	22056	5.234	ug/l	99
39) Methylcyclohexane	9.582	83	18721	4.621	ug/l #	85
40) Benzene	8.594	78	63389	5.213	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	12197	4.894	ug/l	#	93
42) 1,2-Dichloroethane	8.647	62	24064	5.303	ug/l		99
43) Isopropyl Acetate	8.676	43	37238	4.906	ug/l		99
44) Trichloroethene	9.329	130	15430	5.313	ug/l		87
45) 1,2-Dichloropropane	9.606	63	16459	5.398	ug/l	#	75
46) Dibromomethane	9.694	93	11919	4.954	ug/l		97
47) Bromodichloromethane	9.865	83	24450	5.181	ug/l	#	93
48) Methyl methacrylate	9.665	41	16484	4.689	ug/l		89
49) 1,4-Dioxane	9.688	88	5284	101.752	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.423	43	111966	23.639	ug/l		97
52) Toluene	10.606	92	37730	4.945	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	23406	4.847	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	24940	4.972	ug/l		93
55) 1,1,2-Trichloroethane	10.994	97	16385	5.281	ug/l	#	82
56) Ethyl methacrylate	10.859	69	18199	4.060	ug/l		96
57) 1,3-Dichloropropane	11.141	76	25677	5.032	ug/l		94
58) 2-Chloroethyl Vinyl ether	10.141	63	40658	19.289	ug/l		100
59) 2-Hexanone	11.182	43	62373	19.915	ug/l		98
60) Dibromochloromethane	11.335	129	17873	4.900	ug/l		97
61) 1,2-Dibromoethane	11.447	107	16603	5.055	ug/l		96
64) Tetrachloroethene	11.076	164	12289	5.054	ug/l		94
65) Chlorobenzene	11.870	112	42197	4.968	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.935	131	16032	5.234	ug/l		94
67) Ethyl Benzene	11.947	91	65844	4.645	ug/l		99
68) m/p-Xylenes	12.053	106	48826	9.007	ug/l		100
69) o-Xylene	12.382	106	23662	4.543	ug/l		99
70) Styrene	12.388	104	36168	4.043	ug/l		98
71) Bromoform	12.564	173	11400	4.587	ug/l	#	94
73) Isopropylbenzene	12.670	105	53756	4.291	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.917	83	24506	5.429	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	19585m	4.885	ug/l		
77) Bromobenzene	12.959	156	17210	5.163	ug/l		95
78) n-propylbenzene	13.011	91	73512	4.694	ug/l		100
79) 2-Chlorotoluene	13.106	91	47102	4.939	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	48265	4.454	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.729	75	6119	4.265	ug/l		95
82) 4-Chlorotoluene	13.200	91	42937	4.468	ug/l		95
83) tert-Butylbenzene	13.411	119	39678	4.326	ug/l		93
84) 1,2,4-Trimethylbenzene	13.464	105	48866	4.397	ug/l		99
85) sec-Butylbenzene	13.594	105	62218	4.627	ug/l		100
86) p-Isopropyltoluene	13.706	119	50459	4.431	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	34148	5.250	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	36387	5.444	ug/l		92
89) n-Butylbenzene	14.029	91	50142	4.659	ug/l		94
90) Hexachloroethane	14.311	117	12750	5.359	ug/l		95
91) 1,2-Dichlorobenzene	14.088	146	32149	5.128	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.688	75	5752	5.485	ug/l		83
93) 1,2,4-Trichlorobenzene	15.370	180	17526	4.735	ug/l		95
94) Hexachlorobutadiene	15.476	225	7041	5.168	ug/l		95
95) Naphthalene	15.611	128	48467	4.079	ug/l		97
96) 1,2,3-Trichlorobenzene	15.811	180	15763	4.380	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

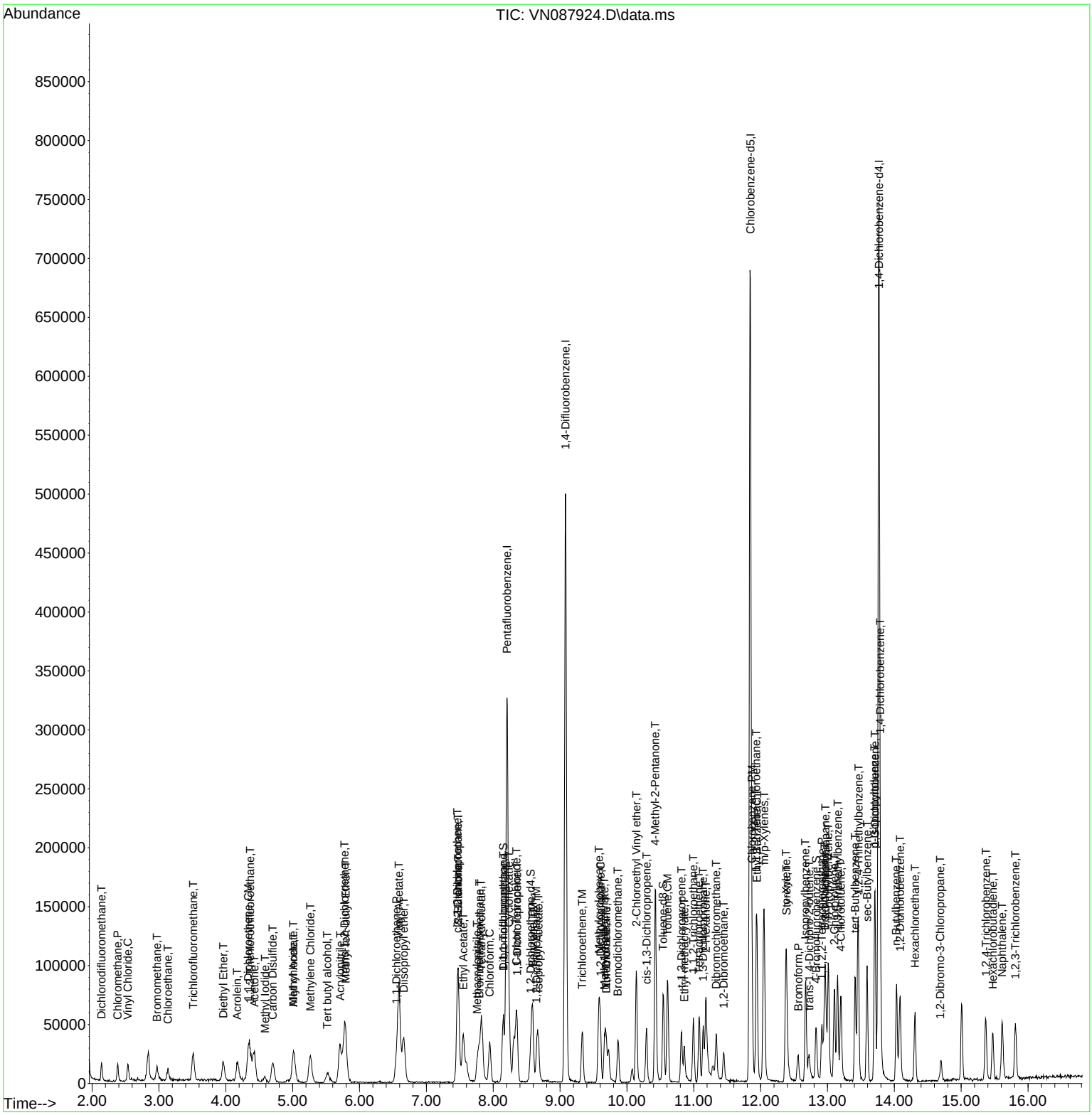
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087924.D
Acq On : 23 Sep 2025 09:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 04:47:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	254576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	459281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	250450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	222035	51.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	8.147	113	170968	51.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	10.547	98	621058	52.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.829	95	218627	52.158	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	133988	45.447	ug/l	100
3) Chloromethane	2.383	50	135318	44.826	ug/l	100
4) Vinyl Chloride	2.536	62	140827	45.727	ug/l	100
5) Bromomethane	2.971	94	81343	42.604	ug/l	100
6) Chloroethane	3.136	64	90403	45.146	ug/l	100
7) Trichlorofluoromethane	3.512	101	224857	44.843	ug/l	100
8) Diethyl Ether	3.965	74	86217	45.512	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	120911	45.623	ug/l	100
10) Methyl Iodide	4.583	142	117736	49.360	ug/l	100
11) Tert butyl alcohol	5.518	59	137080	222.139	ug/l	100
12) 1,1-Dichloroethene	4.330	96	119621	44.733	ug/l	100
13) Acrolein	4.177	56	152801	192.981	ug/l	100
14) Allyl chloride	5.012	41	193562	44.461	ug/l	100
15) Acrylonitrile	5.706	53	443203	228.967	ug/l	100
16) Acetone	4.424	43	379293	213.856	ug/l	100
17) Carbon Disulfide	4.706	76	378095	45.253	ug/l	100
18) Methyl Acetate	5.012	43	206999	46.922	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	485562	46.482	ug/l	100
20) Methylene Chloride	5.265	84	158103	44.311	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	145042	44.244	ug/l	100
22) Diisopropyl ether	6.659	45	464786	45.733	ug/l	100
23) Vinyl Acetate	6.589	43	1993514m	232.968	ug/l	
24) 1,1-Dichloroethane	6.553	63	269051	45.314	ug/l	100
25) 2-Butanone	7.471	43	609821	226.338	ug/l	100
26) 2,2-Dichloropropane	7.477	77	237294	44.982	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	175636	45.028	ug/l	100
28) Bromochloromethane	7.794	49	168545	52.246	ug/l	100
29) Tetrahydrofuran	7.824	42	395920	229.492	ug/l	100
30) Chloroform	7.947	83	291394	44.884	ug/l	100
31) Cyclohexane	8.241	56	210496	43.814	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	243908	44.463	ug/l	100
36) 1,1-Dichloropropene	8.353	75	187383	46.732	ug/l	100
37) Ethyl Acetate	7.547	43	245980	46.716	ug/l	100
38) Carbon Tetrachloride	8.341	117	211771	46.026	ug/l	100
39) Methylcyclohexane	9.577	83	204121	46.146	ug/l	100
40) Benzene	8.588	78	621393	46.804	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	132245	48.599	ug/l	100
42) 1,2-Dichloroethane	8.653	62	222149	44.838	ug/l	100
43) Isopropyl Acetate	8.671	43	383082	46.221	ug/l	100
44) Trichloroethene	9.335	130	144464	45.554	ug/l	100
45) 1,2-Dichloropropane	9.600	63	152778	45.892	ug/l	100
46) Dibromomethane	9.688	93	119379	45.445	ug/l	100
47) Bromodichloromethane	9.871	83	239213	46.428	ug/l	100
48) Methyl methacrylate	9.665	41	178460	46.496	ug/l	100
49) 1,4-Dioxane	9.677	88	51757	912.802	ug/l	100
51) 4-Methyl-2-Pentanone	10.424	43	1234001	238.604	ug/l	100
52) Toluene	10.612	92	389268	46.724	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	242702	46.026	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	249831	45.616	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	155665	45.952	ug/l	100
56) Ethyl methacrylate	10.853	69	236371	48.290	ug/l	100
57) 1,3-Dichloropropane	11.141	76	260217	46.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	503361	218.716	ug/l	100
59) 2-Hexanone	11.176	43	846472	247.530	ug/l	100
60) Dibromochloromethane	11.335	129	184637	46.357	ug/l	100
61) 1,2-Dibromoethane	11.447	107	166047	46.302	ug/l	100
64) Tetrachloroethene	11.082	164	126588	45.728	ug/l	100
65) Chlorobenzene	11.871	112	432322	44.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	158774	45.525	ug/l	100
67) Ethyl Benzene	11.941	91	727479	45.080	ug/l	100
68) m/p-Xylenes	12.047	106	578820	93.784	ug/l	100
69) o-Xylene	12.376	106	271677	45.817	ug/l	100
70) Styrene	12.388	104	483179	47.446	ug/l	100
71) Bromoform	12.559	173	129687	45.833	ug/l	100
73) Isopropylbenzene	12.670	105	702353	45.248	ug/l	100
74) N-amyl acetate	12.500	43	221335m	47.870	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	245260	43.853	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	216939m	43.667	ug/l	
77) Bromobenzene	12.959	156	179418	43.443	ug/l	100
78) n-propylbenzene	13.012	91	868436	44.749	ug/l	100
79) 2-Chlorotoluene	13.100	91	521993	44.174	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	601032	44.765	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	77199	43.422	ug/l	100
82) 4-Chlorotoluene	13.200	91	537514	45.143	ug/l	100
83) tert-Butylbenzene	13.412	119	515745	45.383	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	629687	45.724	ug/l	100
85) sec-Butylbenzene	13.594	105	752465	45.162	ug/l	100
86) p-Isopropyltoluene	13.706	119	640667	45.400	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	351453	43.608	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	353807	42.717	ug/l	100
89) n-Butylbenzene	14.029	91	594156	44.552	ug/l	100
90) Hexachloroethane	14.312	117	126396	42.879	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	339824	43.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	55187	42.468	ug/l	100
93) 1,2,4-Trichlorobenzene	15.364	180	198112	43.192	ug/l	100
94) Hexachlorobutadiene	15.470	225	73457	43.512	ug/l	100
95) Naphthalene	15.611	128	651337	44.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	196179	43.995	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

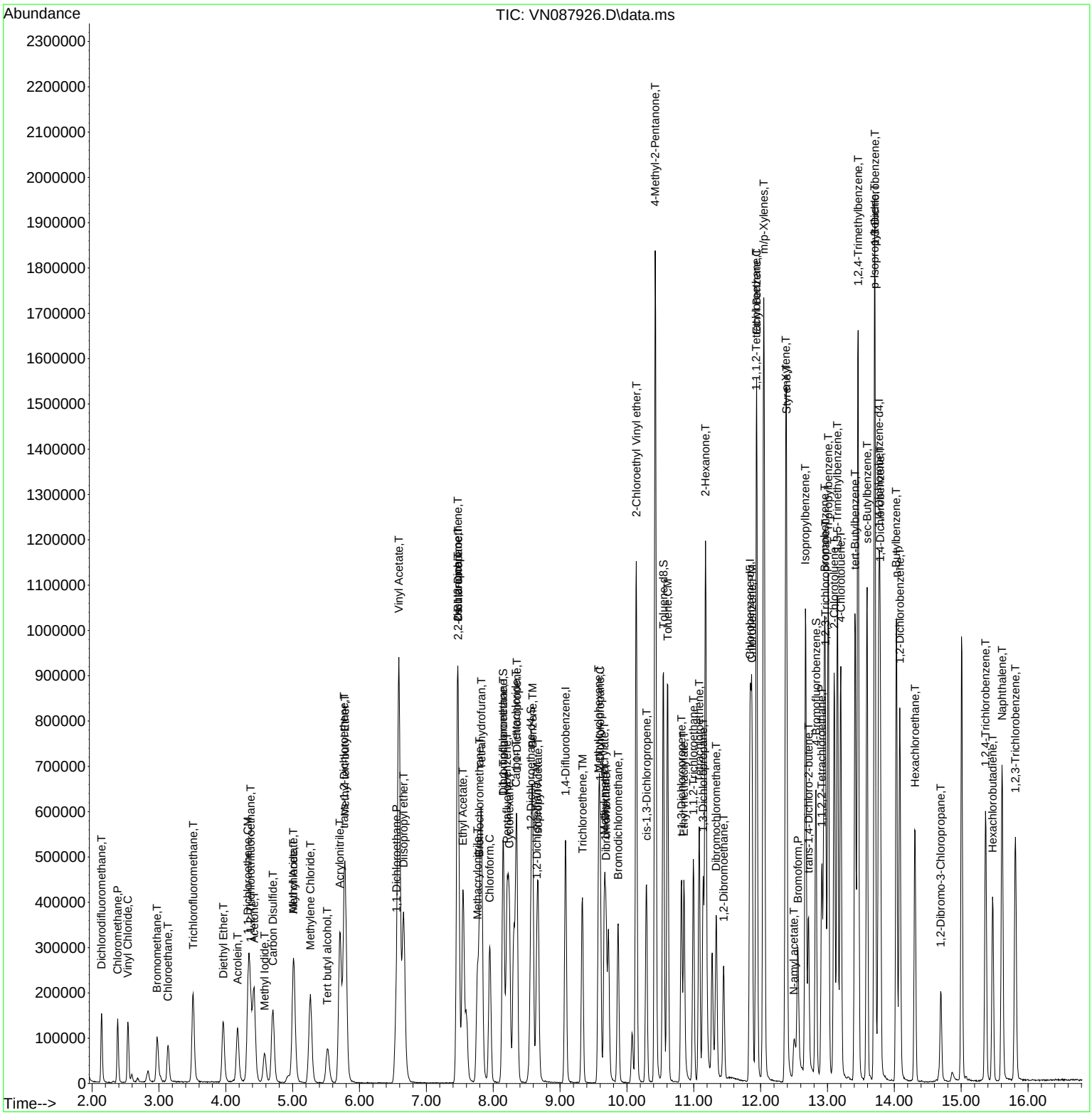
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087926.D
Acq On : 23 Sep 2025 10:15
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 04:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	250140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	448432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	431445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	450719	107.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 214.140%#			
35) Dibromofluoromethane	8.147	113	345448	106.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 212.200%#			
50) Toluene-d8	10.547	98	1281272	111.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 223.820%#			
62) 4-Bromofluorobenzene	12.829	95	458572	112.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 224.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	252462	87.151	ug/l	97
3) Chloromethane	2.383	50	248449	83.763	ug/l	100
4) Vinyl Chloride	2.536	62	258079	85.285	ug/l	100
5) Bromomethane	2.959	94	165493	88.215	ug/l	98
6) Chloroethane	3.130	64	168581	85.680	ug/l	92
7) Trichlorofluoromethane	3.506	101	408423	82.895	ug/l	96
8) Diethyl Ether	3.959	74	157544	84.639	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	219815	84.412	ug/l	98
10) Methyl Iodide	4.577	142	238972	101.965	ug/l	96
11) Tert butyl alcohol	5.524	59	261539	431.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	224049	85.270	ug/l	95
13) Acrolein	4.177	56	413952	532.076	ug/l	97
14) Allyl chloride	5.012	41	375296	87.735	ug/l	99
15) Acrylonitrile	5.712	53	820847	431.586	ug/l	99
16) Acetone	4.418	43	684989	393.064	ug/l	98
17) Carbon Disulfide	4.700	76	699756	85.238	ug/l	97
18) Methyl Acetate	5.018	43	383631	88.503	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	905869	88.256	ug/l	100
20) Methylene Chloride	5.259	84	285438	81.418	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	271323	84.233	ug/l	92
22) Diisopropyl ether	6.659	45	881761	88.301	ug/l	95
23) Vinyl Acetate	6.589	43	3755895m	446.709	ug/l	
24) 1,1-Dichloroethane	6.553	63	492345	84.392	ug/l	99
25) 2-Butanone	7.471	43	1133783	428.271	ug/l	99
26) 2,2-Dichloropropane	7.477	77	434345	83.795	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	327964	85.571	ug/l	99
28) Bromochloromethane	7.800	49	299346	94.438	ug/l	100
29) Tetrahydrofuran	7.824	42	745260	439.646	ug/l	99
30) Chloroform	7.947	83	537746	84.299	ug/l	97
31) Cyclohexane	8.241	56	379372	80.366	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	454412	84.305	ug/l	97
36) 1,1-Dichloropropene	8.353	75	350081	89.421	ug/l	98
37) Ethyl Acetate	7.547	43	451409	87.805	ug/l	99
38) Carbon Tetrachloride	8.341	117	387306	86.213	ug/l	96
39) Methylcyclohexane	9.582	83	390119	90.330	ug/l	99
40) Benzene	8.588	78	1128183	87.033	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	235709	88.718 ug/l	95
42) 1,2-Dichloroethane	8.653	62	419019	86.620 ug/l	99
43) Isopropyl Acetate	8.671	43	725147	89.609 ug/l	99
44) Trichloroethene	9.335	130	272727	88.080 ug/l	90
45) 1,2-Dichloropropane	9.600	63	277676	85.427 ug/l	100
46) Dibromomethane	9.688	93	224518	87.537 ug/l	97
47) Bromodichloromethane	9.865	83	438840	87.234 ug/l	98
48) Methyl methacrylate	9.659	41	343963	91.785 ug/l	96
49) 1,4-Dioxane	9.677	88	94746	1711.395 ug/l #	85
51) 4-Methyl-2-Pentanone	10.424	43	2280534	451.629 ug/l	99
52) Toluene	10.606	92	727172	89.394 ug/l	99
53) t-1,3-Dichloropropene	10.818	75	464641	90.246 ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	479067	89.589 ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	285624	86.356 ug/l	99
56) Ethyl methacrylate	10.853	69	459730	96.195 ug/l	99
57) 1,3-Dichloropropane	11.141	76	483097	88.803 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1121816	499.234 ug/l	98
59) 2-Hexanone	11.176	43	1603636	480.290 ug/l	98
60) Dibromochloromethane	11.335	129	350657	90.171 ug/l	99
61) 1,2-Dibromoethane	11.447	107	306002	87.393 ug/l	100
64) Tetrachloroethene	11.082	164	227824	86.687 ug/l	97
65) Chlorobenzene	11.871	112	811449	88.379 ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	289426	87.414 ug/l	99
67) Ethyl Benzene	11.941	91	1412236	92.180 ug/l	98
68) m/p-Xylenes	12.047	106	1061087	181.095 ug/l	97
69) o-Xylene	12.376	106	518806	92.161 ug/l	97
70) Styrene	12.388	104	915672	94.710 ug/l	98
71) Bromoform	12.559	173	249268	92.794 ug/l #	99
73) Isopropylbenzene	12.670	105	1331440	92.265 ug/l	100
74) N-amyl acetate	12.494	43	438667m	102.053 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	444065	85.408 ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	398893m	86.367 ug/l	
77) Bromobenzene	12.959	156	335228	87.310 ug/l	99
78) n-propylbenzene	13.012	91	1626563	90.155 ug/l	99
79) 2-Chlorotoluene	13.100	91	977059	88.941 ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1151230	92.232 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	156770	94.849 ug/l	98
82) 4-Chlorotoluene	13.200	91	1006766	90.951 ug/l	100
83) tert-Butylbenzene	13.412	119	986126	93.339 ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	1182488	92.362 ug/l	100
85) sec-Butylbenzene	13.594	105	1407683	90.879 ug/l	98
86) p-Isopropyltoluene	13.706	119	1206696	91.980 ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	656218	87.583 ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	662481	86.037 ug/l	98
89) n-Butylbenzene	14.035	91	1126206	90.837 ug/l	100
90) Hexachloroethane	14.306	117	236932	86.459 ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	632359	87.559 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	102736	85.039 ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	386396	90.615 ug/l	96
94) Hexachlorobutadiene	15.470	225	134018	85.390 ug/l	99
95) Naphthalene	15.611	128	1285628	93.924 ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	372476	89.850 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

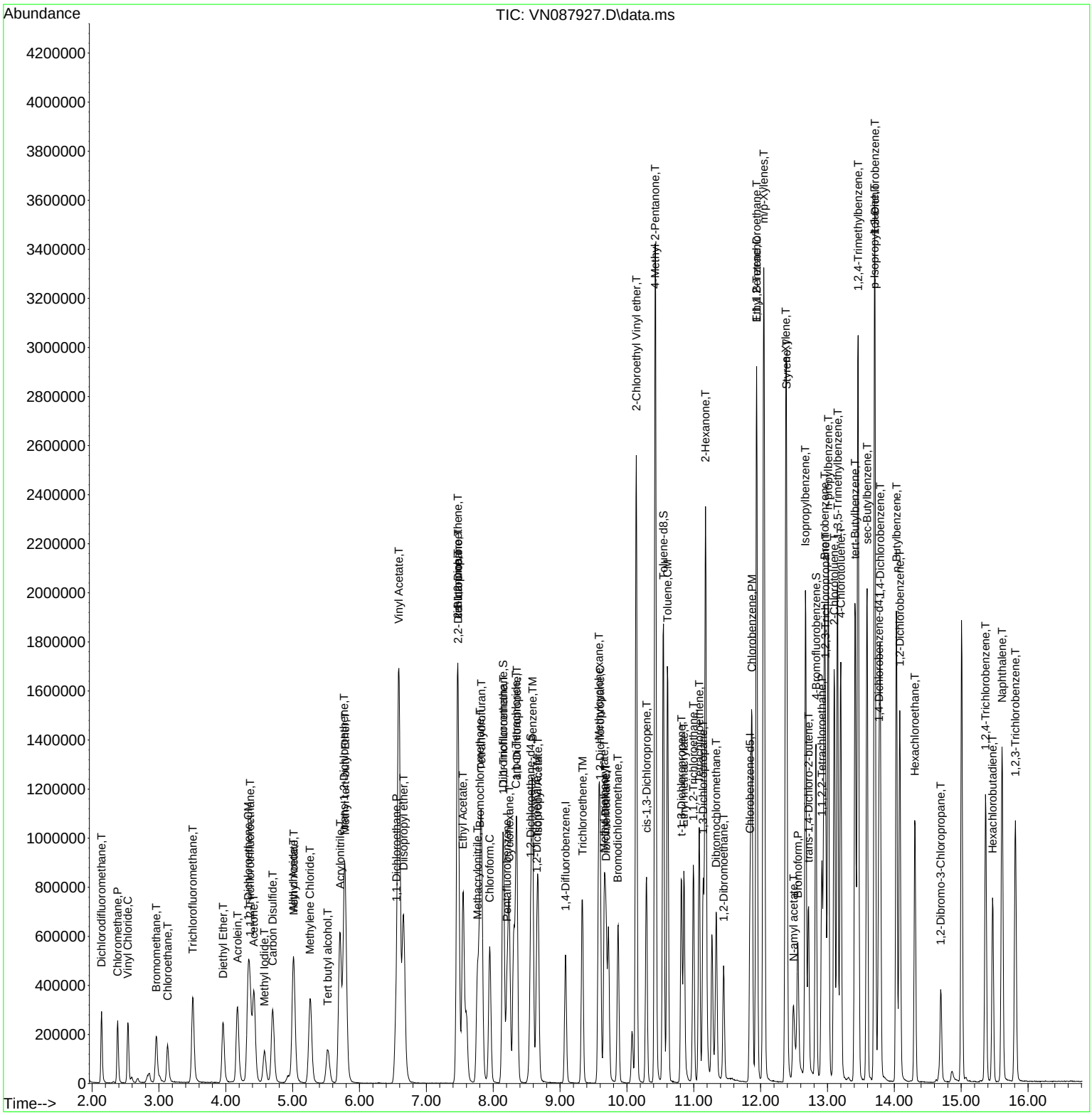
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	261684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	469572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	688147	156.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 312.520%#			
35) Dibromofluoromethane	8.147	113	529816	155.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.800%#			
50) Toluene-d8	10.547	98	1953189	162.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 325.820%#			
62) 4-Bromofluorobenzene	12.829	95	698306	162.944	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 325.880%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	480645	158.601	ug/l	97
3) Chloromethane	2.383	50	472896	152.400	ug/l	99
4) Vinyl Chloride	2.536	62	481283	152.029	ug/l	99
5) Bromomethane	2.942	94	325624	165.915	ug/l	97
6) Chloroethane	3.118	64	319724	155.328	ug/l	96
7) Trichlorofluoromethane	3.500	101	775109	150.380	ug/l	98
8) Diethyl Ether	3.959	74	304158	156.198	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	414564	152.176	ug/l	97
10) Methyl Iodide	4.577	142	465699	189.939	ug/l	97
11) Tert butyl alcohol	5.530	59	507633	800.280	ug/l	99
12) 1,1-Dichloroethene	4.336	96	423177	153.951	ug/l	91
13) Acrolein	4.177	56	683544	839.839	ug/l	95
14) Allyl chloride	5.012	41	726966	162.449	ug/l	96
15) Acrylonitrile	5.706	53	1569579	788.849	ug/l	99
16) Acetone	4.418	43	1277870	700.927	ug/l	98
17) Carbon Disulfide	4.700	76	1312297	152.800	ug/l	98
18) Methyl Acetate	5.012	43	732961	161.634	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	1771056	164.937	ug/l	98
20) Methylene Chloride	5.259	84	534218	145.657	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	513466	152.375	ug/l	96
22) Diisopropyl ether	6.659	45	1726637	165.280	ug/l	97
23) Vinyl Acetate	6.588	43	7327627m	833.068	ug/l	
24) 1,1-Dichloroethane	6.553	63	947100	155.178	ug/l	99
25) 2-Butanone	7.471	43	2176088	785.726	ug/l	98
26) 2,2-Dichloropropane	7.471	77	839353	154.787	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	631177	157.420	ug/l	99
28) Bromochloromethane	7.794	49	447101	134.830	ug/l	100
29) Tetrahydrofuran	7.824	42	1456588	821.368	ug/l	99
30) Chloroform	7.947	83	1030586	154.431	ug/l	100
31) Cyclohexane	8.235	56	746273	151.116	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	889373	157.722	ug/l	97
36) 1,1-Dichloropropene	8.353	75	673022	164.170	ug/l	98
37) Ethyl Acetate	7.547	43	874349	162.416	ug/l	98
38) Carbon Tetrachloride	8.341	117	763232	162.245	ug/l	93
39) Methylcyclohexane	9.576	83	791897	175.104	ug/l	98
40) Benzene	8.588	78	2169328	159.817	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.765	41	460218	165.421 ug/l		97
42) 1,2-Dichloroethane	8.653	62	796063	157.154 ug/l		99
43) Isopropyl Acetate	8.671	43	1418775	167.431 ug/l		99
44) Trichloroethene	9.329	130	517259	159.533 ug/l		96
45) 1,2-Dichloropropane	9.600	63	530435	155.841 ug/l		98
46) Dibromomethane	9.688	93	432679	161.101 ug/l		96
47) Bromodichloromethane	9.865	83	840816	159.615 ug/l		97
48) Methyl methacrylate	9.665	41	674610	171.912 ug/l		96
49) 1,4-Dioxane	9.682	88	190965	3294.105 ug/l	#	82
51) 4-Methyl-2-Pentanone	10.424	43	4326882	818.303 ug/l		100
52) Toluene	10.606	92	1406217	165.088 ug/l		100
53) t-1,3-Dichloropropene	10.818	75	916112	169.924 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	928185	165.762 ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	540596	156.087 ug/l		98
56) Ethyl methacrylate	10.853	69	907047	181.247 ug/l		98
57) 1,3-Dichloropropane	11.141	76	916449	160.877 ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	2200367	935.130 ug/l		98
59) 2-Hexanone	11.176	43	3073538	879.085 ug/l		98
60) Dibromochloromethane	11.335	129	674217	165.568 ug/l		99
61) 1,2-Dibromoethane	11.447	107	590968	161.179 ug/l		100
64) Tetrachloroethene	11.082	164	440710	161.378 ug/l		95
65) Chlorobenzene	11.870	112	1551249	162.594 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.935	131	550130	159.899 ug/l		98
67) Ethyl Benzene	11.941	91	2719603	170.833 ug/l		98
68) m/p-Xylenes	12.047	106	2063388	338.900 ug/l		98
69) o-Xylene	12.376	106	1010983	172.832 ug/l		99
70) Styrene	12.388	104	1764226	175.610 ug/l		99
71) Bromoform	12.559	173	473708	169.708 ug/l	#	99
73) Isopropylbenzene	12.670	105	2569941	176.821 ug/l		100
74) N-amyl acetate	12.482	43	869458	200.832 ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.917	83	821974	156.965 ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	748421m	160.891 ug/l		
77) Bromobenzene	12.959	156	644570	166.683 ug/l		97
78) n-propylbenzene	13.012	91	3116141	171.486 ug/l		99
79) 2-Chlorotoluene	13.100	91	1861996	168.288 ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	2165785	172.277 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	314140	188.706 ug/l		97
82) 4-Chlorotoluene	13.200	91	1903146	170.704 ug/l		99
83) tert-Butylbenzene	13.417	119	1845254	173.412 ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	2233067	173.177 ug/l		100
85) sec-Butylbenzene	13.594	105	2666471	170.918 ug/l		99
86) p-Isopropyltoluene	13.706	119	2296563	173.808 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1227647	162.683 ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	1227019	158.218 ug/l		98
89) n-Butylbenzene	14.035	91	2137754	171.197 ug/l		99
90) Hexachloroethane	14.306	117	445654	161.465 ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	1177111	161.827 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	201299	165.436 ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	773312	180.060 ug/l		97
94) Hexachlorobutadiene	15.470	225	263904	166.949 ug/l		100
95) Naphthalene	15.611	128	2600638	188.641 ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	751222	179.922 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

ICAL Form

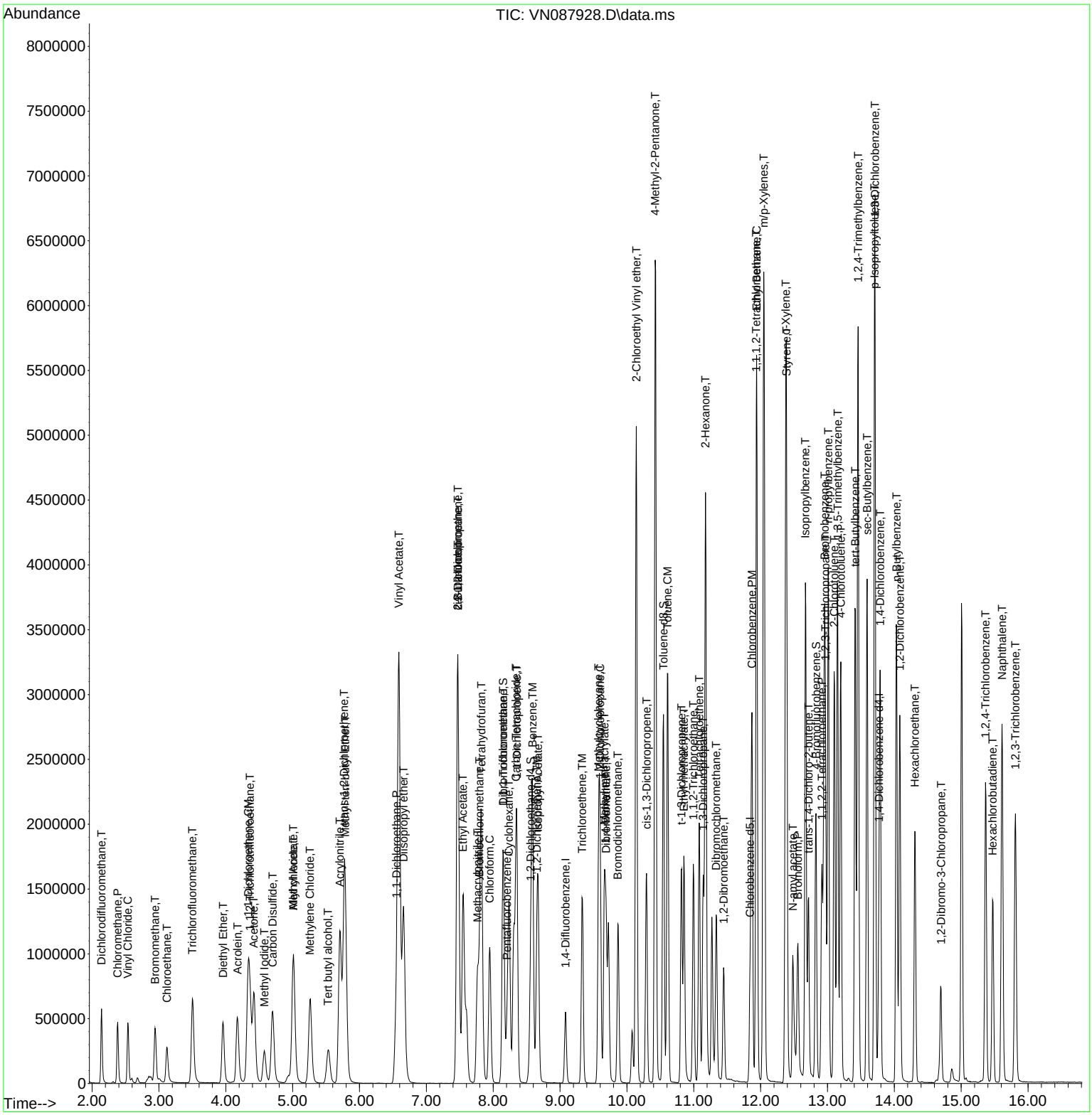
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087928.D
Acq On : 23 Sep 2025 10:56
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 04:49:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	245129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	451275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	417832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	69157	16.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	33.520%#		
35) Dibromofluoromethane	8.147	113	55145	16.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.660%#		
50) Toluene-d8	10.547	98	185268	16.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.160%#		
62) 4-Bromofluorobenzene	12.829	95	66245	16.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	32.160%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	64880	22.855	ug/l	100
3) Chloromethane	2.383	50	65904	22.673	ug/l	95
4) Vinyl Chloride	2.542	62	67280	22.688	ug/l	97
5) Bromomethane	2.977	94	41366	22.501	ug/l	98
6) Chloroethane	3.136	64	41658	21.605	ug/l	90
7) Trichlorofluoromethane	3.512	101	104725	21.690	ug/l	99
8) Diethyl Ether	3.953	74	41074	22.518	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	55225	21.641	ug/l	97
10) Methyl Iodide	4.583	142	46507	20.249	ug/l	99
11) Tert butyl alcohol	5.524	59	68350	115.030	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	56732	22.033	ug/l	83
13) Acrolein	4.177	56	72676	95.324	ug/l	98
14) Allyl chloride	5.018	41	92277	22.013	ug/l	95
15) Acrylonitrile	5.718	53	210865	113.135	ug/l	98
16) Acetone	4.424	43	204534	119.766	ug/l	99
17) Carbon Disulfide	4.706	76	182548	22.691	ug/l	100
18) Methyl Acetate	5.018	43	97764	23.015	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	219348	21.807	ug/l	97
20) Methylene Chloride	5.265	84	74638	21.725	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	68186	21.601	ug/l	89
22) Diisopropyl ether	6.659	45	211107	21.573	ug/l	97
23) Vinyl Acetate	6.588	43	923787m	112.117	ug/l	
24) 1,1-Dichloroethane	6.553	63	124326	21.746	ug/l	98
25) 2-Butanone	7.471	43	295055	113.731	ug/l	97
26) 2,2-Dichloropropane	7.477	77	115250	22.689	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	81272	21.639	ug/l	98
28) Bromochloromethane	7.794	49	65753	21.168	ug/l	100
29) Tetrahydrofuran	7.830	42	185940	111.932	ug/l	99
30) Chloroform	7.953	83	139611	22.333	ug/l	100
31) Cyclohexane	8.241	56	99972	21.611	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	117408	22.227	ug/l	97
36) 1,1-Dichloropropene	8.353	75	85120	21.605	ug/l	97
37) Ethyl Acetate	7.553	43	109187	21.105	ug/l	97
38) Carbon Tetrachloride	8.341	117	98457	21.778	ug/l	94
39) Methylcyclohexane	9.582	83	94068	21.644	ug/l	98
40) Benzene	8.588	78	283203	21.710	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	56639	21.184	ug/l		94
42) 1,2-Dichloroethane	8.653	62	109893	22.574	ug/l		100
43) Isopropyl Acetate	8.677	43	176251	21.643	ug/l		99
44) Trichloroethene	9.335	130	67433	21.641	ug/l		99
45) 1,2-Dichloropropane	9.600	63	72572	22.186	ug/l		93
46) Dibromomethane	9.688	93	59412	23.018	ug/l		93
47) Bromodichloromethane	9.871	83	111245	21.974	ug/l		95
48) Methyl methacrylate	9.665	41	80574	21.365	ug/l		97
49) 1,4-Dioxane	9.682	88	24869	446.378	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.424	43	561876	110.571	ug/l		99
52) Toluene	10.606	92	177153	21.641	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	111386	21.498	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	117557	21.845	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	74595	22.411	ug/l		88
56) Ethyl methacrylate	10.853	69	101192	21.040	ug/l		99
57) 1,3-Dichloropropane	11.141	76	120334	21.980	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	250611	110.825	ug/l		99
59) 2-Hexanone	11.176	43	363080	108.058	ug/l		99
60) Dibromochloromethane	11.341	129	85111	21.748	ug/l		97
61) 1,2-Dibromoethane	11.447	107	78541	22.290	ug/l		97
64) Tetrachloroethene	11.082	164	57619	22.638	ug/l		93
65) Chlorobenzene	11.871	112	203570	22.894	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.941	131	70713	22.053	ug/l		97
67) Ethyl Benzene	11.941	91	328980	22.173	ug/l		96
68) m/p-Xylenes	12.047	106	255651	45.053	ug/l		98
69) o-Xylene	12.376	106	120068	22.024	ug/l		98
70) Styrene	12.388	104	210587	22.491	ug/l		98
71) Bromoform	12.559	173	57576	22.132	ug/l	#	100
73) Isopropylbenzene	12.676	105	309264	22.707	ug/l		98
74) N-amyl acetate	12.547	43	89886m	22.156	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	111546	22.731	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	103062m	23.643	ug/l		
77) Bromobenzene	12.959	156	80748	22.283	ug/l		97
78) n-propylbenzene	13.012	91	381954	22.431	ug/l		100
79) 2-Chlorotoluene	13.100	91	231705	22.347	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	269309	22.860	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	33450	21.443	ug/l		97
82) 4-Chlorotoluene	13.200	91	241534	23.119	ug/l		100
83) tert-Butylbenzene	13.417	119	226878	22.753	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	272614	22.561	ug/l		99
85) sec-Butylbenzene	13.594	105	328389	22.462	ug/l		97
86) p-Isopropyltoluene	13.706	119	279181	22.547	ug/l		97
87) 1,3-Dichlorobenzene	13.712	146	158040	22.349	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	165954	22.835	ug/l		99
89) n-Butylbenzene	14.035	91	263875	22.550	ug/l		98
90) Hexachloroethane	14.312	117	58428	22.590	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	156108	22.902	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25095	22.009	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	87148	21.654	ug/l		96
94) Hexachlorobutadiene	15.476	225	33457	22.586	ug/l		99
95) Naphthalene	15.611	128	284895	22.053	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	89684	22.922	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

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

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

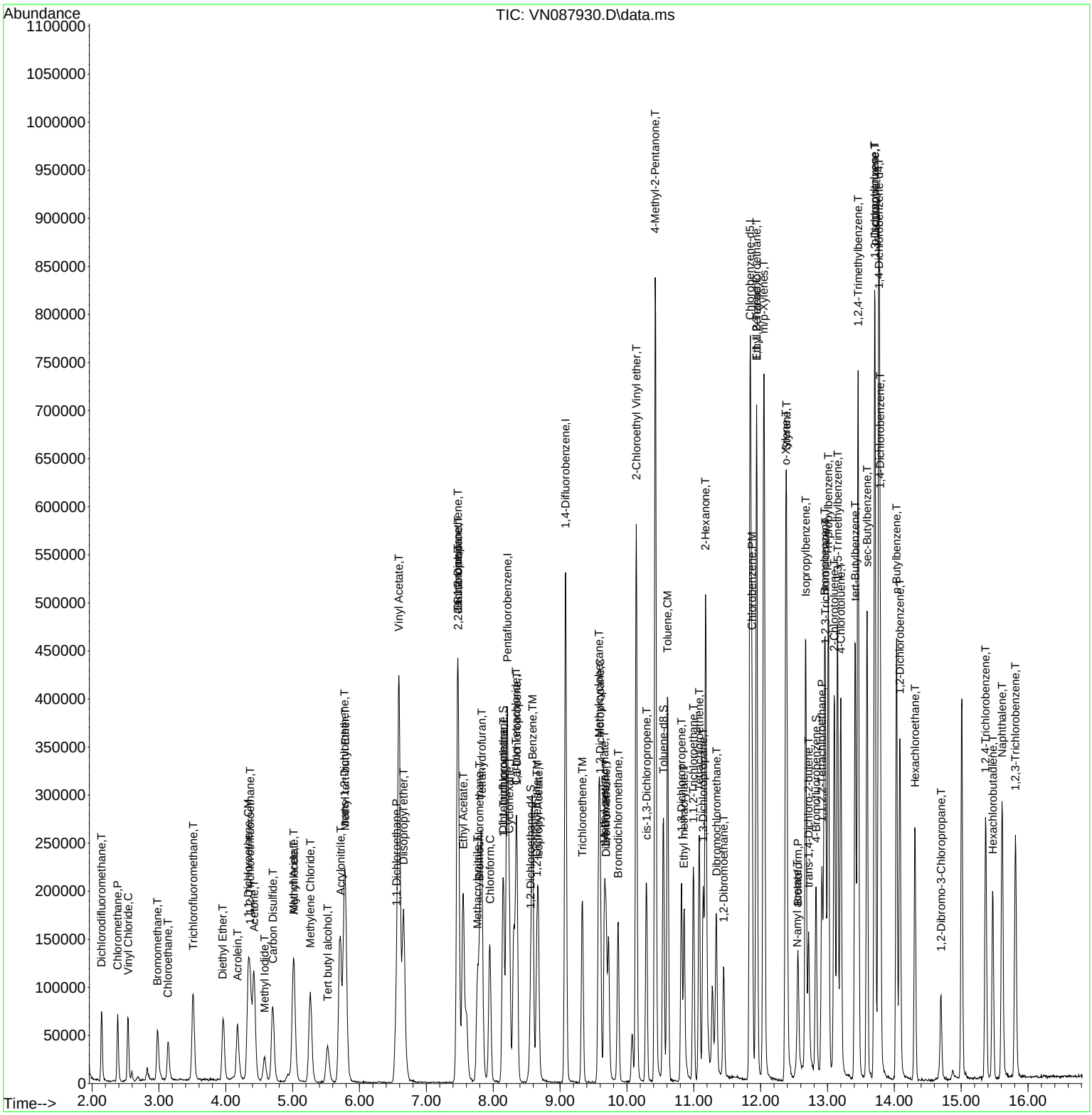
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087930.D
Acq On : 23 Sep 2025 11:47
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 04:50:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	277018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	496020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	243738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203626	43.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.360%		
35) Dibromofluoromethane	8.153	113	156190	43.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.740%		
50) Toluene-d8	10.547	98	567044	44.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.540%		
62) 4-Bromofluorobenzene	12.829	95	200630	44.319	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	161997	50.496	ug/l	96
3) Chloromethane	2.383	50	160833	48.962	ug/l	100
4) Vinyl Chloride	2.536	62	165059	49.253	ug/l	97
5) Bromomethane	2.971	94	113238	54.504	ug/l	97
6) Chloroethane	3.136	64	108186	49.650	ug/l	100
7) Trichlorofluoromethane	3.506	101	265455	48.650	ug/l	98
8) Diethyl Ether	3.959	74	101038	49.015	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	137085	47.535	ug/l	96
10) Methyl Iodide	4.577	142	150647	58.041	ug/l	98
11) Tert butyl alcohol	5.524	59	181682	270.566	ug/l	100
12) 1,1-Dichloroethene	4.336	96	147146	50.568	ug/l	99
13) Acrolein	4.177	56	213590	247.902	ug/l	98
14) Allyl chloride	5.012	41	238489	50.343	ug/l	96
15) Acrylonitrile	5.712	53	527698	250.533	ug/l	99
16) Acetone	4.418	43	476656	248.497	ug/l	93
17) Carbon Disulfide	4.701	76	441131	48.521	ug/l	99
18) Methyl Acetate	5.018	43	252027	52.501	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	593372	52.201	ug/l	98
20) Methylene Chloride	5.271	84	185323	47.732	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	176202	49.395	ug/l	88
22) Diisopropyl ether	6.659	45	572737	51.790	ug/l	96
23) Vinyl Acetate	6.589	43	2420654m	259.965	ug/l	
24) 1,1-Dichloroethane	6.553	63	319051	49.382	ug/l	98
25) 2-Butanone	7.471	43	765845	261.219	ug/l	99
26) 2,2-Dichloropropane	7.471	77	288518	50.261	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	212644	50.099	ug/l	98
28) Bromochloromethane	7.794	49	158210	45.070	ug/l	100
29) Tetrahydrofuran	7.824	42	481488	256.481	ug/l	99
30) Chloroform	7.947	83	347740	49.224	ug/l	94
31) Cyclohexane	8.236	56	249322	47.692	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	298473	50.001	ug/l	99
36) 1,1-Dichloropropene	8.353	75	223572	51.628	ug/l	98
37) Ethyl Acetate	7.547	43	281650	49.529	ug/l	98
38) Carbon Tetrachloride	8.341	117	254169	51.149	ug/l	96
39) Methylcyclohexane	9.577	83	254097	53.190	ug/l	98
40) Benzene	8.589	78	733552	51.160	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	151881	51.681	ug/l		98
42) 1,2-Dichloroethane	8.653	62	266146	49.739	ug/l		100
43) Isopropyl Acetate	8.671	43	465007	51.950	ug/l		99
44) Trichloroethene	9.330	130	174047	50.817	ug/l		90
45) 1,2-Dichloropropane	9.600	63	181803	50.566	ug/l		98
46) Dibromomethane	9.688	93	144476	50.925	ug/l		98
47) Bromodichloromethane	9.871	83	282997	50.858	ug/l	#	96
48) Methyl methacrylate	9.659	41	220518	53.199	ug/l		95
49) 1,4-Dioxane	9.683	88	71480	1167.270	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.424	43	1464843	262.261	ug/l		100
52) Toluene	10.606	92	456380	50.722	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	297827	52.296	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	303245	51.268	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	184666	50.476	ug/l		96
56) Ethyl methacrylate	10.853	69	287401	54.367	ug/l		99
57) 1,3-Dichloropropane	11.141	76	314225	52.219	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	735137	295.766	ug/l		98
59) 2-Hexanone	11.177	43	1027998	278.348	ug/l		98
60) Dibromochloromethane	11.335	129	224473	52.185	ug/l		98
61) 1,2-Dibromoethane	11.447	107	199841	51.598	ug/l		97
64) Tetrachloroethene	11.082	164	145781	51.272	ug/l		96
65) Chlorobenzene	11.871	112	518200	52.168	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	188263	52.557	ug/l		98
67) Ethyl Benzene	11.941	91	881499	53.183	ug/l		97
68) m/p-Xylenes	12.047	106	687129	108.396	ug/l		100
69) o-Xylene	12.377	106	330957	54.342	ug/l		100
70) Styrene	12.388	104	579999	55.451	ug/l		98
71) Bromoform	12.559	173	155551	53.524	ug/l	#	97
73) Isopropylbenzene	12.671	105	848011	56.136	ug/l		99
74) N-amyl acetate	12.500	43	276693m	55.590	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	277645	51.011	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	261896m	54.509	ug/l		
77) Bromobenzene	12.959	156	215215	53.546	ug/l		99
78) n-propylbenzene	13.012	91	1041885	55.165	ug/l		99
79) 2-Chlorotoluene	13.100	91	622023	54.089	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	739196	56.572	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.718	75	97122	56.132	ug/l		95
82) 4-Chlorotoluene	13.200	91	643471	55.531	ug/l		99
83) tert-Butylbenzene	13.418	119	620261	56.083	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	750139	55.971	ug/l		99
85) sec-Butylbenzene	13.594	105	900122	55.512	ug/l		97
86) p-Isopropyltoluene	13.706	119	774380	56.387	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	414732	52.877	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	430578	53.418	ug/l		97
89) n-Butylbenzene	14.035	91	718201	55.337	ug/l		99
90) Hexachloroethane	14.312	117	148145	51.641	ug/l		99
91) 1,2-Dichlorobenzene	14.082	146	408389	54.018	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	64838	51.268	ug/l		96
93) 1,2,4-Trichlorobenzene	15.365	180	243365	54.519	ug/l		98
94) Hexachlorobutadiene	15.476	225	87738	53.402	ug/l		100
95) Naphthalene	15.612	128	802609	56.013	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	236254	54.441	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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

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

ICAL Form

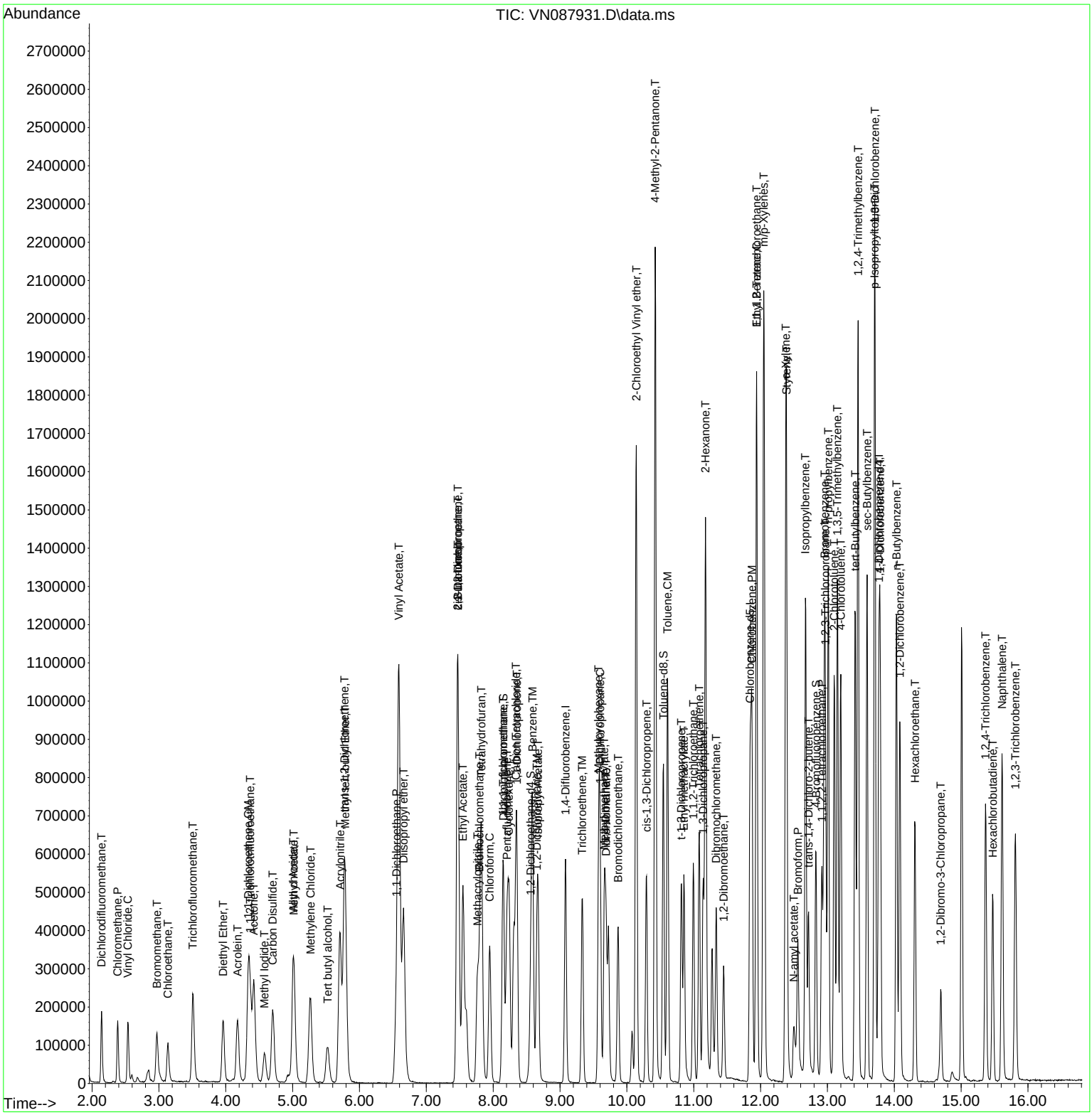
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	109	0.00
2	T	Dichlorodifluoromethane	0.579	0.585	-1.0	121	0.00
3	P	Chloromethane	0.593	0.581	2.0	119	0.00
4	C	Vinyl Chloride	0.605	0.596	1.5#	117	0.00
5	T	Bromomethane	0.375	0.409	-9.1	139	0.00
6	T	Chloroethane	0.393	0.391	0.5	120	0.00
7	T	Trichlorofluoromethane	0.985	0.958	2.7	118	0.00
8	T	Diethyl Ether	0.372	0.365	1.9	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.495	5.0	113	0.00
10	T	Methyl Iodide	0.468	0.544	-16.2	128	0.00
11	T	Tert butyl alcohol	0.121	0.131	-8.3	133	0.00
12	CM	1,1-Dichloroethene	0.525	0.531	-1.1#	123	0.00
13	T	Acrolein	0.156	0.154	1.3	140	0.00
14	T	Allyl chloride	0.855	0.861	-0.7	123	0.00
15	T	Acrylonitrile	0.380	0.381	-0.3	119	0.00
16	T	Acetone	0.346	0.344	0.6	126	0.00
17	T	Carbon Disulfide	1.641	1.592	3.0	117	0.00
18	T	Methyl Acetate	0.866	0.910	-5.1	122	0.00
19	T	Methyl tert-butyl Ether	2.052	2.142	-4.4	122	0.00
20	T	Methylene Chloride	0.701	0.669	4.6	117	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.636	1.2	121	0.00
22	T	Diisopropyl ether	1.996	2.068	-3.6	123	0.00
23	T	Vinyl Acetate	1.681	1.748	-4.0	121	0.00
24	P	1,1-Dichloroethane	1.166	1.152	1.2	119	0.00
25	T	2-Butanone	0.529	0.553	-4.5	126	0.00
26	T	2,2-Dichloropropane	1.036	1.042	-0.6	122	0.00
27	T	cis-1,2-Dichloroethene	0.766	0.768	-0.3	121	0.00
28	T	Bromochloromethane	0.634	0.571	9.9	94	0.00
29	T	Tetrahydrofuran	0.339	0.348	-2.7	122	0.00
30	C	Chloroform	1.275	1.255	1.6#	119	0.00
31	T	Cyclohexane	0.944	0.900	4.7	118	0.00
32	T	1,1,1-Trichloroethane	1.077	1.077	0.0	122	0.00
33	S	1,2-Dichloroethane-d4	0.841	0.735	12.6	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.363	0.315	13.2	91	0.00
36	T	1,1-Dichloropropene	0.437	0.451	-3.2	119	0.00
37	T	Ethyl Acetate	0.573	0.568	0.9	115	0.00
38	T	Carbon Tetrachloride	0.501	0.512	-2.2	120	0.00
39	T	Methylcyclohexane	0.482	0.512	-6.2	124	0.00
40	TM	Benzene	1.445	1.479	-2.4	118	0.00
41	T	Methacrylonitrile	0.296	0.306	-3.4	115	0.00
42	TM	1,2-Dichloroethane	0.539	0.537	0.4	120	0.00
43	T	Isopropyl Acetate	0.902	0.937	-3.9	121	0.00
44	TM	Trichloroethene	0.345	0.351	-1.7	120	0.00
45	C	1,2-Dichloropropane	0.362	0.367	-1.4#	119	0.00
46	T	Dibromomethane	0.286	0.291	-1.7	121	0.00
47	T	Bromodichloromethane	0.561	0.571	-1.8	118	0.00
48	T	Methyl methacrylate	0.418	0.445	-6.5	124	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.006	0.007	-16.7	138	0.00
50	S	Toluene-d8	1.277	1.143	10.5	91	0.00
51	T	4-Methyl-2-Pentanone	0.563	0.591	-5.0	119	0.00
52	CM	Toluene	0.907	0.920	-1.4#	117	0.00
53	T	t-1,3-Dichloropropene	0.574	0.600	-4.5	123	0.00
54	T	cis-1,3-Dichloropropene	0.596	0.611	-2.5	121	0.00
55	T	1,1,2-Trichloroethane	0.369	0.372	-0.8	119	0.00
56	T	Ethyl methacrylate	0.533	0.579	-8.6	122	0.00
57	T	1,3-Dichloropropane	0.607	0.633	-4.3	121	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.296	-17.9	146	0.00
59	T	2-Hexanone	0.372	0.414	-11.3	121	0.00
60	T	Dibromochloromethane	0.434	0.453	-4.4	122	0.00
61	T	1,2-Dibromoethane	0.390	0.403	-3.3	120	0.00
62	S	4-Bromofluorobenzene	0.456	0.404	11.4	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.305	0.312	-2.3	115	0.00
65	PM	Chlorobenzene	1.064	1.110	-4.3	120	0.00
66	T	1,1,1,2-Tetrachloroethane	0.384	0.403	-4.9	119	0.00
67	C	Ethyl Benzene	1.775	1.889	-6.4#	121	0.00
68	T	m/p-Xylenes	0.679	0.736	-8.4	119	0.00
69	T	o-Xylene	0.652	0.709	-8.7	122	0.00
70	T	Styrene	1.120	1.243	-11.0	120	0.00
71	P	Bromoform	0.311	0.333	-7.1	120	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.099	3.479	-12.3	121	0.00
74	T	N-amyl acetate	1.021	1.135	-11.2	125	0.00
75	P	1,1,2,2-Tetrachloroethane	1.117	1.139	-2.0	113	0.00
76	T	1,2,3-Trichloropropane	0.986	1.074	-8.9	121	0.00
77	T	Bromobenzene	0.825	0.883	-7.0	120	0.00
78	T	n-propylbenzene	3.874	4.275	-10.4	120	0.00
79	T	2-Chlorotoluene	2.359	2.552	-8.2	119	0.00
80	T	1,3,5-Trimethylbenzene	2.680	3.033	-13.2	123	0.00
81	T	trans-1,4-Dichloro-2-butene	0.355	0.398	-12.1	126	0.00
82	T	4-Chlorotoluene	2.377	2.640	-11.1	120	0.00
83	T	tert-Butylbenzene	2.269	2.545	-12.2	120	0.00
84	T	1,2,4-Trimethylbenzene	2.749	3.078	-12.0	119	0.00
85	T	sec-Butylbenzene	3.326	3.693	-11.0	120	0.00
86	T	p-Isopropyltoluene	2.817	3.177	-12.8	121	0.00
87	T	1,3-Dichlorobenzene	1.609	1.702	-5.8	118	0.00
88	T	1,4-Dichlorobenzene	1.654	1.767	-6.8	122	0.00
89	T	n-Butylbenzene	2.662	2.947	-10.7	121	0.00
90	T	Hexachloroethane	0.588	0.608	-3.4	117	0.00
91	T	1,2-Dichlorobenzene	1.551	1.676	-8.1	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.266	-2.7	117	0.00
93	T	1,2,4-Trichlorobenzene	0.916	0.998	-9.0	123	0.00
94	T	Hexachlorobutadiene	0.337	0.360	-6.8	119	0.00
95	T	Naphthalene	2.939	3.293	-12.0	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.969	-8.9	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	109	0.00
2	T	Dichlorodifluoromethane	50.000	50.496	-1.0	121	0.00
3	P	Chloromethane	50.000	48.962	2.1	119	0.00
4	C	Vinyl Chloride	50.000	49.253	1.5#	117	0.00
5	T	Bromomethane	50.000	54.504	-9.0	139	0.00
6	T	Chloroethane	50.000	49.650	0.7	120	0.00
7	T	Trichlorofluoromethane	50.000	48.650	2.7	118	0.00
8	T	Diethyl Ether	50.000	49.015	2.0	117	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.535	4.9	113	0.00
10	T	Methyl Iodide	50.000	58.041	-16.1	128	0.00
11	T	Tert butyl alcohol	250.000	270.566	-8.2	133	0.00
12	CM	1,1-Dichloroethene	50.000	50.568	-1.1#	123	0.00
13	T	Acrolein	250.000	247.902	0.8	140	0.00
14	T	Allyl chloride	50.000	50.343	-0.7	123	0.00
15	T	Acrylonitrile	250.000	250.533	-0.2	119	0.00
16	T	Acetone	250.000	248.497	0.6	126	0.00
17	T	Carbon Disulfide	50.000	48.521	3.0	117	0.00
18	T	Methyl Acetate	50.000	52.501	-5.0	122	0.00
19	T	Methyl tert-butyl Ether	50.000	52.201	-4.4	122	0.00
20	T	Methylene Chloride	50.000	47.732	4.5	117	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.395	1.2	121	0.00
22	T	Diisopropyl ether	50.000	51.790	-3.6	123	0.00
23	T	Vinyl Acetate	250.000	259.965	-4.0	121	0.00
24	P	1,1-Dichloroethane	50.000	49.382	1.2	119	0.00
25	T	2-Butanone	250.000	261.219	-4.5	126	0.00
26	T	2,2-Dichloropropane	50.000	50.261	-0.5	122	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.099	-0.2	121	0.00
28	T	Bromochloromethane	50.000	45.070	9.9	94	0.00
29	T	Tetrahydrofuran	250.000	256.481	-2.6	122	0.00
30	C	Chloroform	50.000	49.224	1.6#	119	0.00
31	T	Cyclohexane	50.000	47.692	4.6	118	0.00
32	T	1,1,1-Trichloroethane	50.000	50.001	-0.0	122	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.678	12.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	43.369	13.3	91	0.00
36	T	1,1-Dichloropropene	50.000	51.628	-3.3	119	0.00
37	T	Ethyl Acetate	50.000	49.529	0.9	115	0.00
38	T	Carbon Tetrachloride	50.000	51.149	-2.3	120	0.00
39	T	Methylcyclohexane	50.000	53.190	-6.4	124	0.00
40	TM	Benzene	50.000	51.160	-2.3	118	0.00
41	T	Methacrylonitrile	50.000	51.681	-3.4	115	0.00
42	TM	1,2-Dichloroethane	50.000	49.739	0.5	120	0.00
43	T	Isopropyl Acetate	50.000	51.950	-3.9	121	0.00
44	TM	Trichloroethene	50.000	50.817	-1.6	120	0.00
45	C	1,2-Dichloropropane	50.000	50.566	-1.1#	119	0.00
46	T	Dibromomethane	50.000	50.925	-1.8	121	0.00
47	T	Bromodichloromethane	50.000	50.858	-1.7	118	0.00
48	T	Methyl methacrylate	50.000	53.199	-6.4	124	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1167.270	-16.7	138	0.00
50	S	Toluene-d8	50.000	44.774	10.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.261	-4.9	119	0.00
52	CM	Toluene	50.000	50.722	-1.4#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	52.296	-4.6	123	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.268	-2.5	121	0.00
55	T	1,1,2-Trichloroethane	50.000	50.476	-1.0	119	0.00
56	T	Ethyl methacrylate	50.000	54.367	-8.7	122	0.00
57	T	1,3-Dichloropropane	50.000	52.219	-4.4	121	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	295.766	-18.3	146	0.00
59	T	2-Hexanone	250.000	278.348	-11.3	121	0.00
60	T	Dibromochloromethane	50.000	52.185	-4.4	122	0.00
61	T	1,2-Dibromoethane	50.000	51.598	-3.2	120	0.00
62	S	4-Bromofluorobenzene	50.000	44.319	11.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	51.272	-2.5	115	0.00
65	PM	Chlorobenzene	50.000	52.168	-4.3	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.557	-5.1	119	0.00
67	C	Ethyl Benzene	50.000	53.183	-6.4#	121	0.00
68	T	m/p-Xylenes	100.000	108.396	-8.4	119	0.00
69	T	o-Xylene	50.000	54.342	-8.7	122	0.00
70	T	Styrene	50.000	55.451	-10.9	120	0.00
71	P	Bromoform	50.000	53.524	-7.0	120	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	56.136	-12.3	121	0.00
74	T	N-amyl acetate	50.000	55.590	-11.2	125	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.011	-2.0	113	0.00
76	T	1,2,3-Trichloropropane	50.000	54.509	-9.0	121	0.00
77	T	Bromobenzene	50.000	53.546	-7.1	120	0.00
78	T	n-propylbenzene	50.000	55.165	-10.3	120	0.00
79	T	2-Chlorotoluene	50.000	54.089	-8.2	119	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.572	-13.1	123	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.132	-12.3	126	0.00
82	T	4-Chlorotoluene	50.000	55.531	-11.1	120	0.00
83	T	tert-Butylbenzene	50.000	56.083	-12.2	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.971	-11.9	119	0.00
85	T	sec-Butylbenzene	50.000	55.512	-11.0	120	0.00
86	T	p-Isopropyltoluene	50.000	56.387	-12.8	121	0.00
87	T	1,3-Dichlorobenzene	50.000	52.877	-5.8	118	0.00
88	T	1,4-Dichlorobenzene	50.000	53.418	-6.8	122	0.00
89	T	n-Butylbenzene	50.000	55.337	-10.7	121	0.00
90	T	Hexachloroethane	50.000	51.641	-3.3	117	0.00
91	T	1,2-Dichlorobenzene	50.000	54.018	-8.0	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.268	-2.5	117	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.519	-9.0	123	0.00
94	T	Hexachlorobutadiene	50.000	53.402	-6.8	119	0.00
95	T	Naphthalene	50.000	56.013	-12.0	123	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087931.D
Acq On : 23 Sep 2025 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Quant Time: Sep 24 05:21:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.441	-8.9	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VN088013.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3274
Instrument ID:	MSVOA_N	Calibration Date/Time:	10/03/2025 10:17
Lab File ID:	VN088013.D	Init. Calib. Date(s):	09/23/2025 09/23/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:33 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.579	0.562		-2.94	20
Chloromethane	0.593	0.587	0.1	-1.01	20
Vinyl Chloride	0.605	0.613		1.32	20
Bromomethane	0.375	0.384		2.4	20
Chloroethane	0.393	0.446		13.49	20
Trichlorofluoromethane	0.985	1.069		8.53	20
1,1,2-Trichlorotrifluoroethane	0.521	0.557		6.91	20
1,1-Dichloroethene	0.525	0.558		6.29	20
Acetone	0.346	0.336		-2.89	20
Carbon Disulfide	1.641	1.536		-6.4	20
Methyl tert-butyl Ether	2.052	2.332		13.65	20
Methyl Acetate	0.866	1.141		31.75	20
Methylene Chloride	0.701	0.774		10.41	20
trans-1,2-Dichloroethene	0.644	0.688		6.83	20
1,1-Dichloroethane	1.166	1.316	0.1	12.86	20
Cyclohexane	0.944	0.941		-0.32	20
2-Butanone	0.529	0.565		6.8	20
Carbon Tetrachloride	0.501	0.526		4.99	20
cis-1,2-Dichloroethene	0.766	0.852		11.23	20
Bromochloromethane	0.634	0.609		-3.94	20
Chloroform	1.275	1.461		14.59	20
1,1,1-Trichloroethane	1.077	1.190		10.49	20
Methylcyclohexane	0.482	0.457		-5.19	20
Benzene	1.445	1.547		7.06	20
1,2-Dichloroethane	0.539	0.561		4.08	20
Trichloroethene	0.345	0.349		1.16	20
1,2-Dichloropropane	0.362	0.394		8.84	20
Bromodichloromethane	0.561	0.619		10.34	20
4-Methyl-2-Pentanone	0.563	0.636		12.97	20
Toluene	0.907	0.956		5.4	20
t-1,3-Dichloropropene	0.574	0.569		-0.87	20
cis-1,3-Dichloropropene	0.596	0.572		-4.03	20
1,1,2-Trichloroethane	0.369	0.405		9.76	20
2-Hexanone	0.372	0.431		15.86	20
Dibromochloromethane	0.434	0.476		9.68	20
1,2-Dibromoethane	0.390	0.425		8.97	20
Tetrachloroethene	0.305	0.318		4.26	20
Chlorobenzene	1.064	1.106	0.3	3.95	20

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

Raw Data: **VN088013.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q3274

Instrument ID: MSVOA_N | Calibration Date/Time: 10/03/2025 10:17

Lab File ID: VN088013.D | Init. Calib. Date(s): 09/23/2025 09/23/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:33 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.775	1.865		5.07	20
m/p-Xylenes	0.679	0.725		6.78	20
o-Xylene	0.652	0.699		7.21	20
Styrene	1.120	1.229		9.73	20
Bromoform	0.311	0.332	0.1	6.75	20
Isopropylbenzene	3.099	3.341		7.81	20
1,1,2,2-Tetrachloroethane	1.117	1.194	0.3	6.89	20
1,3-Dichlorobenzene	1.609	1.682		4.54	20
1,4-Dichlorobenzene	1.654	1.722		4.11	20
1,2-Dichlorobenzene	1.551	1.588		2.39	20
1,2-Dibromo-3-Chloropropane	0.259	0.258		-0.39	20
1,2,4-Trichlorobenzene	0.916	0.870		-5.02	20
1,2,3-Trichlorobenzene	0.890	0.883		-0.79	20
1,2-Dichloroethane-d4	0.841	0.895		6.42	20
Dibromofluoromethane	0.363	0.362		-0.28	20
Toluene-d8	1.277	1.265		-0.94	20
4-Bromofluorobenzene	0.456	0.443		-2.85	20

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	211900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	407793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	212700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189558	53.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.320%			
35) Dibromofluoromethane	8.147	113	147566	49.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	10.547	98	515889	49.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.829	95	180495	48.498	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	119124	48.543	ug/l	99
3) Chloromethane	2.383	50	124349	49.489	ug/l	100
4) Vinyl Chloride	2.536	62	129985	50.707	ug/l	97
5) Bromomethane	2.971	94	81460	51.258	ug/l	92
6) Chloroethane	3.142	64	94576	56.742	ug/l	94
7) Trichlorofluoromethane	3.512	101	226552	54.280	ug/l	97
8) Diethyl Ether	3.965	74	85426	54.177	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	118105	53.539	ug/l	99
10) Methyl Iodide	4.577	142	110011	55.410	ug/l	95
11) Tert butyl alcohol	5.518	59	120578	234.750	ug/l	100
12) 1,1-Dichloroethene	4.341	96	118331	53.163	ug/l	92
13) Acrolein	4.177	56	101381	153.827	ug/l	99
14) Allyl chloride	5.018	41	169750	46.845	ug/l	94
15) Acrylonitrile	5.706	53	449175	278.787	ug/l	99
16) Acetone	4.418	43	356272	242.815	ug/l	97
17) Carbon Disulfide	4.712	76	325539	46.810	ug/l	100
18) Methyl Acetate	5.018	43	241763	65.840	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	494136	56.830	ug/l	100
20) Methylene Chloride	5.265	84	163946	55.203	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	145759	53.418	ug/l	87
22) Diisopropyl ether	6.653	45	505565	59.764	ug/l	96
23) Vinyl Acetate	6.588	43	2159268	303.155	ug/l	99
24) 1,1-Dichloroethane	6.553	63	278930	56.439	ug/l	98
25) 2-Butanone	7.465	43	599104	267.143	ug/l	99
26) 2,2-Dichloropropane	7.471	77	140646	32.031	ug/l	95
27) cis-1,2-Dichloroethene	7.471	96	180488	55.591	ug/l	94
28) Bromochloromethane	7.800	49	129042	48.057	ug/l	97
29) Tetrahydrofuran	7.824	42	404402	281.618	ug/l	99
30) Chloroform	7.947	83	309633	57.299	ug/l	96
31) Cyclohexane	8.241	56	199447	49.875	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	252160	55.224	ug/l	97
36) 1,1-Dichloropropene	8.353	75	184552	51.838	ug/l	98
37) Ethyl Acetate	7.547	43	252668	54.045	ug/l	100
38) Carbon Tetrachloride	8.347	117	214305	52.458	ug/l	96
39) Methylcyclohexane	9.582	83	186475	47.480	ug/l	93
40) Benzene	8.588	78	631046	53.533	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	127328	52.700	ug/l		96
42) 1,2-Dichloroethane	8.653	62	228809	52.013	ug/l		99
43) Isopropyl Acetate	8.671	43	399665	54.310	ug/l		99
44) Trichloroethene	9.329	130	142273	50.528	ug/l		94
45) 1,2-Dichloropropane	9.600	63	160540	54.312	ug/l		98
46) Dibromomethane	9.688	93	128880	55.256	ug/l		93
47) Bromodichloromethane	9.871	83	252397	55.172	ug/l		93
48) Methyl methacrylate	9.665	41	187451	55.005	ug/l		97
49) 1,4-Dioxane	9.682	88	45542	904.603	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.423	43	1297788	282.622	ug/l		100
52) Toluene	10.606	92	389751	52.688	ug/l		96
53) t-1,3-Dichloropropene	10.818	75	231861	49.522	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	233459	48.009	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	165143	54.906	ug/l		97
56) Ethyl methacrylate	10.853	69	250497	57.638	ug/l		97
57) 1,3-Dichloropropane	11.141	76	270690	54.717	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	726559	355.558	ug/l		100
59) 2-Hexanone	11.176	43	878869	289.453	ug/l		99
60) Dibromochloromethane	11.341	129	194024	54.865	ug/l		99
61) 1,2-Dibromoethane	11.447	107	173418	54.463	ug/l		99
64) Tetrachloroethene	11.082	164	126880	52.158	ug/l		98
65) Chlorobenzene	11.870	112	441827	51.989	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	162876	53.146	ug/l		96
67) Ethyl Benzene	11.941	91	744976	52.535	ug/l		97
68) m/p-Xylenes	12.047	106	578990	106.758	ug/l		98
69) o-Xylene	12.376	106	279227	53.589	ug/l		99
70) Styrene	12.388	104	490624	54.825	ug/l		99
71) Bromoform	12.559	173	132671	53.359	ug/l	#	100
73) Isopropylbenzene	12.676	105	710671	53.910	ug/l		100
74) N-amyl acetate	12.506	43	225597m	51.938	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	254009	53.479	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	197976m	47.218	ug/l		
77) Bromobenzene	12.959	156	183930	52.440	ug/l		98
78) n-propylbenzene	13.011	91	871697	52.889	ug/l		100
79) 2-Chlorotoluene	13.100	91	519382	51.754	ug/l		99
80) 1,3,5-Trimethylbenzene	13.147	105	605591	53.110	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	65552	43.414	ug/l		98
82) 4-Chlorotoluene	13.200	91	542423	53.641	ug/l		100
83) tert-Butylbenzene	13.417	119	521941	54.079	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	629394	53.814	ug/l		99
85) sec-Butylbenzene	13.594	105	749419	52.962	ug/l		98
86) p-Isopropyltoluene	13.706	119	629181	52.499	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	357765	52.270	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	366323	52.078	ug/l		97
89) n-Butylbenzene	14.035	91	565873	49.962	ug/l		100
90) Hexachloroethane	14.311	117	129377	51.680	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	337690	51.184	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	54794	49.649	ug/l		98
93) 1,2,4-Trichlorobenzene	15.364	180	185116	47.522	ug/l		99
94) Hexachlorobutadiene	15.470	225	64377	44.901	ug/l		97
95) Naphthalene	15.611	128	660404	52.814	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	187836	49.600	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

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

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

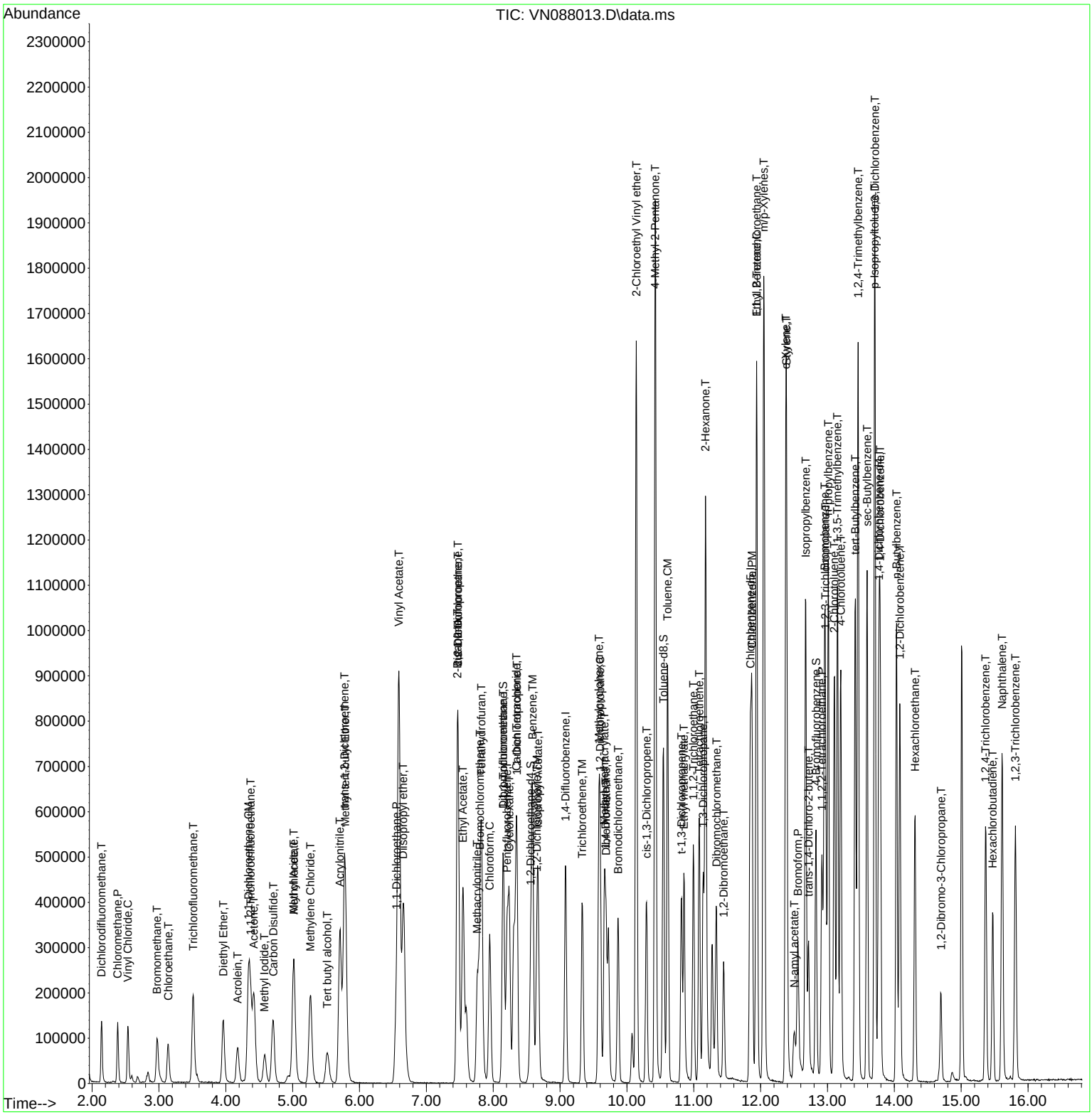
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



Sample Results: **VN088013.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	83	0.00
2	T	Dichlorodifluoromethane	0.579	0.562	2.9	89	0.00
3	P	Chloromethane	0.593	0.587	1.0	92	0.00
4	C	Vinyl Chloride	0.605	0.613	-1.3#	92	0.00
5	T	Bromomethane	0.375	0.384	-2.4	100	0.00
6	T	Chloroethane	0.393	0.446	-13.5	105	0.00
7	T	Trichlorofluoromethane	0.985	1.069	-8.5	101	0.00
8	T	Diethyl Ether	0.372	0.403	-8.3	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.557	-6.9	98	0.00
10	T	Methyl Iodide	0.468	0.519	-10.9	93	0.00
11	T	Tert butyl alcohol	0.121	0.114	5.8	88	0.00
12	CM	1,1-Dichloroethene	0.525	0.558	-6.3#	99	0.01
13	T	Acrolein	0.156	0.096	38.5#	66	0.00
14	T	Allyl chloride	0.855	0.801	6.3	88	0.00
15	T	Acrylonitrile	0.380	0.424	-11.6	101	0.00
16	T	Acetone	0.346	0.336	2.9	94	0.00
17	T	Carbon Disulfide	1.641	1.536	6.4	86	0.00
18	T	Methyl Acetate	0.866	1.141	-31.8#	117	0.00
19	T	Methyl tert-butyl Ether	2.052	2.332	-13.6	102	0.00
20	T	Methylene Chloride	0.701	0.774	-10.4	104	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.688	-6.8	100	0.00
22	T	Diisopropyl ether	1.996	2.386	-19.5	109	0.00
23	T	Vinyl Acetate	1.681	2.038	-21.2	108	0.00
24	P	1,1-Dichloroethane	1.166	1.316	-12.9	104	0.00
25	T	2-Butanone	0.529	0.565	-6.8	98	0.00
26	T	2,2-Dichloropropane	1.036	0.664	35.9#	59	0.00
27	T	cis-1,2-Dichloroethene	0.766	0.852	-11.2	103	0.00
28	T	Bromochloromethane	0.634	0.609	3.9	77	0.00
29	T	Tetrahydrofuran	0.339	0.382	-12.7	102	0.00
30	C	Chloroform	1.275	1.461	-14.6#	106	0.00
31	T	Cyclohexane	0.944	0.941	0.3	95	0.00
32	T	1,1,1-Trichloroethane	1.077	1.190	-10.5	103	0.00
33	S	1,2-Dichloroethane-d4	0.841	0.895	-6.4	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35	S	Dibromofluoromethane	0.363	0.362	0.3	86	0.00
36	T	1,1-Dichloropropene	0.437	0.453	-3.7	98	0.00
37	T	Ethyl Acetate	0.573	0.620	-8.2	103	0.00
38	T	Carbon Tetrachloride	0.501	0.526	-5.0	101	0.00
39	T	Methylcyclohexane	0.482	0.457	5.2	91	0.00
40	TM	Benzene	1.445	1.547	-7.1	102	0.00
41	T	Methacrylonitrile	0.296	0.312	-5.4	96	0.00
42	TM	1,2-Dichloroethane	0.539	0.561	-4.1	103	0.00
43	T	Isopropyl Acetate	0.902	0.980	-8.6	104	0.00
44	TM	Trichloroethene	0.345	0.349	-1.2	98	0.00
45	C	1,2-Dichloropropane	0.362	0.394	-8.8#	105	0.00
46	T	Dibromomethane	0.286	0.316	-10.5	108	0.00
47	T	Bromodichloromethane	0.561	0.619	-10.3	106	0.00
48	T	Methyl methacrylate	0.418	0.460	-10.0	105	0.00

Sample Results: **VN088013.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.006	0.006	0.0	88	0.00
50	S	Toluene-d8	1.277	1.265	0.9	83	0.00
51	T	4-Methyl-2-Pentanone	0.563	0.636	-13.0	105	0.00
52	CM	Toluene	0.907	0.956	-5.4#	100	0.00
53	T	t-1,3-Dichloropropene	0.574	0.569	0.9	96	0.00
54	T	cis-1,3-Dichloropropene	0.596	0.572	4.0	93	0.00
55	T	1,1,2-Trichloroethane	0.369	0.405	-9.8	106	0.00
56	T	Ethyl methacrylate	0.533	0.614	-15.2	106	0.00
57	T	1,3-Dichloropropane	0.607	0.664	-9.4	104	0.00
58	T	2-Chloroethyl Vinyl ether	0.251	0.356	-41.8#	144	0.00
59	T	2-Hexanone	0.372	0.431	-15.9	104	0.00
60	T	Dibromochloromethane	0.434	0.476	-9.7	105	0.00
61	T	1,2-Dibromoethane	0.390	0.425	-9.0	104	0.00
62	S	4-Bromofluorobenzene	0.456	0.443	2.9	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.305	0.318	-4.3	100	0.00
65	PM	Chlorobenzene	1.064	1.106	-3.9	102	0.00
66	T	1,1,1,2-Tetrachloroethane	0.384	0.408	-6.2	103	0.00
67	C	Ethyl Benzene	1.775	1.865	-5.1#	102	0.00
68	T	m/p-Xylenes	0.679	0.725	-6.8	100	0.00
69	T	o-Xylene	0.652	0.699	-7.2	103	0.00
70	T	Styrene	1.120	1.229	-9.7	102	0.00
71	P	Bromoform	0.311	0.332	-6.8	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.099	3.341	-7.8	101	0.00
74	T	N-amyl acetate	1.021	1.061	-3.9	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.117	1.194	-6.9	104	0.00
76	T	1,2,3-Trichloropropane	0.986	0.931	5.6	91	0.00
77	T	Bromobenzene	0.825	0.865	-4.8	103	0.00
78	T	n-propylbenzene	3.874	4.098	-5.8	100	0.00
79	T	2-Chlorotoluene	2.359	2.442	-3.5	99	0.00
80	T	1,3,5-Trimethylbenzene	2.680	2.847	-6.2	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.355	0.308	13.2	85	0.00
82	T	4-Chlorotoluene	2.377	2.550	-7.3	101	0.00
83	T	tert-Butylbenzene	2.269	2.454	-8.2	101	0.00
84	T	1,2,4-Trimethylbenzene	2.749	2.959	-7.6	100	0.00
85	T	sec-Butylbenzene	3.326	3.523	-5.9	100	0.00
86	T	p-Isopropyltoluene	2.817	2.958	-5.0	98	0.00
87	T	1,3-Dichlorobenzene	1.609	1.682	-4.5	102	0.00
88	T	1,4-Dichlorobenzene	1.654	1.722	-4.1	104	0.00
89	T	n-Butylbenzene	2.662	2.660	0.1	95	0.00
90	T	Hexachloroethane	0.588	0.608	-3.4	102	0.00
91	T	1,2-Dichlorobenzene	1.551	1.588	-2.4	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.259	0.258	0.4	99	0.00
93	T	1,2,4-Trichlorobenzene	0.916	0.870	5.0	93	0.00
94	T	Hexachlorobutadiene	0.337	0.303	10.1	88	0.00
95	T	Naphthalene	2.939	3.105	-5.6	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.883	0.8	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VN088013.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	83	0.00
2	T	Dichlorodifluoromethane	50.000	48.543	2.9	89	0.00
3	P	Chloromethane	50.000	49.489	1.0	92	0.00
4	C	Vinyl Chloride	50.000	50.707	-1.4#	92	0.00
5	T	Bromomethane	50.000	51.258	-2.5	100	0.00
6	T	Chloroethane	50.000	56.742	-13.5	105	0.00
7	T	Trichlorofluoromethane	50.000	54.280	-8.6	101	0.00
8	T	Diethyl Ether	50.000	54.177	-8.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.539	-7.1	98	0.00
10	T	Methyl Iodide	50.000	55.410	-10.8	93	0.00
11	T	Tert butyl alcohol	250.000	234.750	6.1	88	0.00
12	CM	1,1-Dichloroethene	50.000	53.163	-6.3#	99	0.01
13	T	Acrolein	250.000	153.827	38.5#	66	0.00
14	T	Allyl chloride	50.000	46.845	6.3	88	0.00
15	T	Acrylonitrile	250.000	278.787	-11.5	101	0.00
16	T	Acetone	250.000	242.815	2.9	94	0.00
17	T	Carbon Disulfide	50.000	46.810	6.4	86	0.00
18	T	Methyl Acetate	50.000	65.840	-31.7#	117	0.00
19	T	Methyl tert-butyl Ether	50.000	56.830	-13.7	102	0.00
20	T	Methylene Chloride	50.000	55.203	-10.4	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.418	-6.8	100	0.00
22	T	Diisopropyl ether	50.000	59.764	-19.5	109	0.00
23	T	Vinyl Acetate	250.000	303.155	-21.3	108	0.00
24	P	1,1-Dichloroethane	50.000	56.439	-12.9	104	0.00
25	T	2-Butanone	250.000	267.143	-6.9	98	0.00
26	T	2,2-Dichloropropane	50.000	32.031	35.9#	59	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.591	-11.2	103	0.00
28	T	Bromochloromethane	50.000	48.057	3.9	77	0.00
29	T	Tetrahydrofuran	250.000	281.618	-12.6	102	0.00
30	C	Chloroform	50.000	57.299	-14.6#	106	0.00
31	T	Cyclohexane	50.000	49.875	0.3	95	0.00
32	T	1,1,1-Trichloroethane	50.000	55.224	-10.4	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.155	-6.3	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	49.840	0.3	86	0.00
36	T	1,1-Dichloropropene	50.000	51.838	-3.7	98	0.00
37	T	Ethyl Acetate	50.000	54.045	-8.1	103	0.00
38	T	Carbon Tetrachloride	50.000	52.458	-4.9	101	0.00
39	T	Methylcyclohexane	50.000	47.480	5.0	91	0.00
40	TM	Benzene	50.000	53.533	-7.1	102	0.00
41	T	Methacrylonitrile	50.000	52.700	-5.4	96	0.00
42	TM	1,2-Dichloroethane	50.000	52.013	-4.0	103	0.00
43	T	Isopropyl Acetate	50.000	54.310	-8.6	104	0.00
44	TM	Trichloroethene	50.000	50.528	-1.1	98	0.00
45	C	1,2-Dichloropropane	50.000	54.312	-8.6#	105	0.00
46	T	Dibromomethane	50.000	55.256	-10.5	108	0.00
47	T	Bromodichloromethane	50.000	55.172	-10.3	106	0.00
48	T	Methyl methacrylate	50.000	55.005	-10.0	105	0.00

Sample Results: **VN088013.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	904.603	9.5	88	0.00
50	S	Toluene-d8	50.000	49.548	0.9	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.622	-13.0	105	0.00
52	CM	Toluene	50.000	52.688	-5.4#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	49.522	1.0	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.009	4.0	93	0.00
55	T	1,1,2-Trichloroethane	50.000	54.906	-9.8	106	0.00
56	T	Ethyl methacrylate	50.000	57.638	-15.3	106	0.00
57	T	1,3-Dichloropropane	50.000	54.717	-9.4	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	355.558	-42.2#	144	0.00
59	T	2-Hexanone	250.000	289.453	-15.8	104	0.00
60	T	Dibromochloromethane	50.000	54.865	-9.7	105	0.00
61	T	1,2-Dibromoethane	50.000	54.463	-8.9	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.498	3.0	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	52.158	-4.3	100	0.00
65	PM	Chlorobenzene	50.000	51.989	-4.0	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.146	-6.3	103	0.00
67	C	Ethyl Benzene	50.000	52.535	-5.1#	102	0.00
68	T	m/p-Xylenes	100.000	106.758	-6.8	100	0.00
69	T	o-Xylene	50.000	53.589	-7.2	103	0.00
70	T	Styrene	50.000	54.825	-9.7	102	0.00
71	P	Bromoform	50.000	53.359	-6.7	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	53.910	-7.8	101	0.00
74	T	N-amyl acetate	50.000	51.938	-3.9	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.479	-7.0	104	0.00
76	T	1,2,3-Trichloropropane	50.000	47.218	5.6	91	0.00
77	T	Bromobenzene	50.000	52.440	-4.9	103	0.00
78	T	n-propylbenzene	50.000	52.889	-5.8	100	0.00
79	T	2-Chlorotoluene	50.000	51.754	-3.5	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.110	-6.2	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.414	13.2	85	0.00
82	T	4-Chlorotoluene	50.000	53.641	-7.3	101	0.00
83	T	tert-Butylbenzene	50.000	54.079	-8.2	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.814	-7.6	100	0.00
85	T	sec-Butylbenzene	50.000	52.962	-5.9	100	0.00
86	T	p-Isopropyltoluene	50.000	52.499	-5.0	98	0.00
87	T	1,3-Dichlorobenzene	50.000	52.270	-4.5	102	0.00
88	T	1,4-Dichlorobenzene	50.000	52.078	-4.2	104	0.00
89	T	n-Butylbenzene	50.000	49.962	0.1	95	0.00
90	T	Hexachloroethane	50.000	51.680	-3.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	51.184	-2.4	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.649	0.7	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.522	5.0	93	0.00
94	T	Hexachlorobutadiene	50.000	44.901	10.2	88	0.00
95	T	Naphthalene	50.000	52.814	-5.6	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088013.D
Acq On : 03 Oct 2025 10:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.600	0.8	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

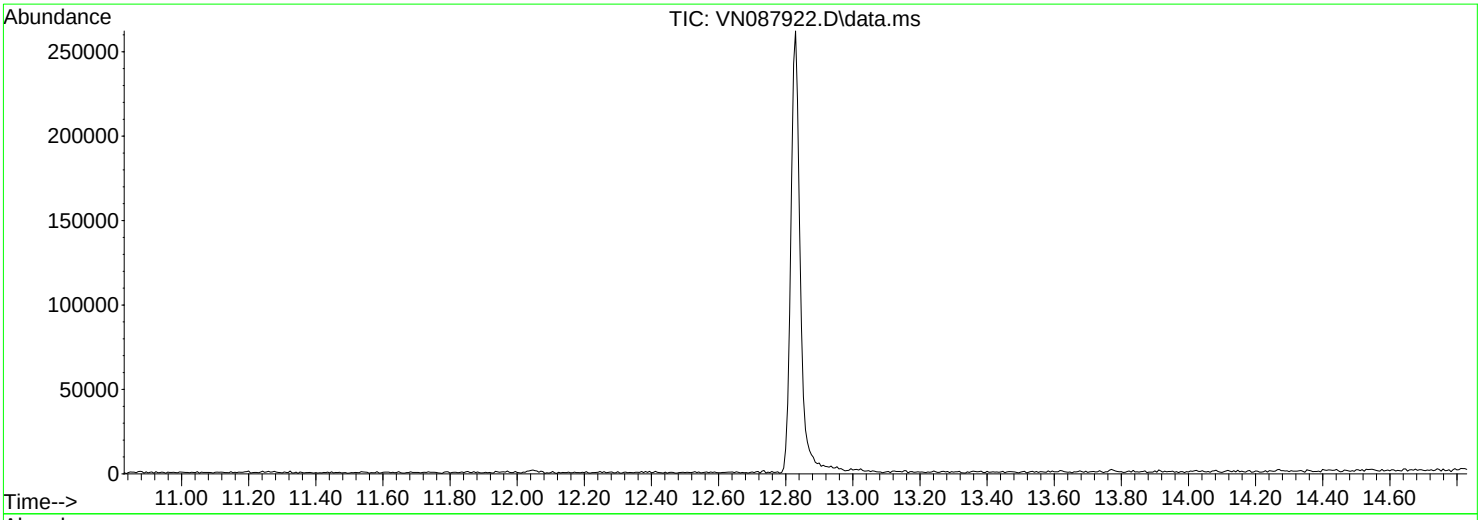
Sample Results: **VN087922.D**

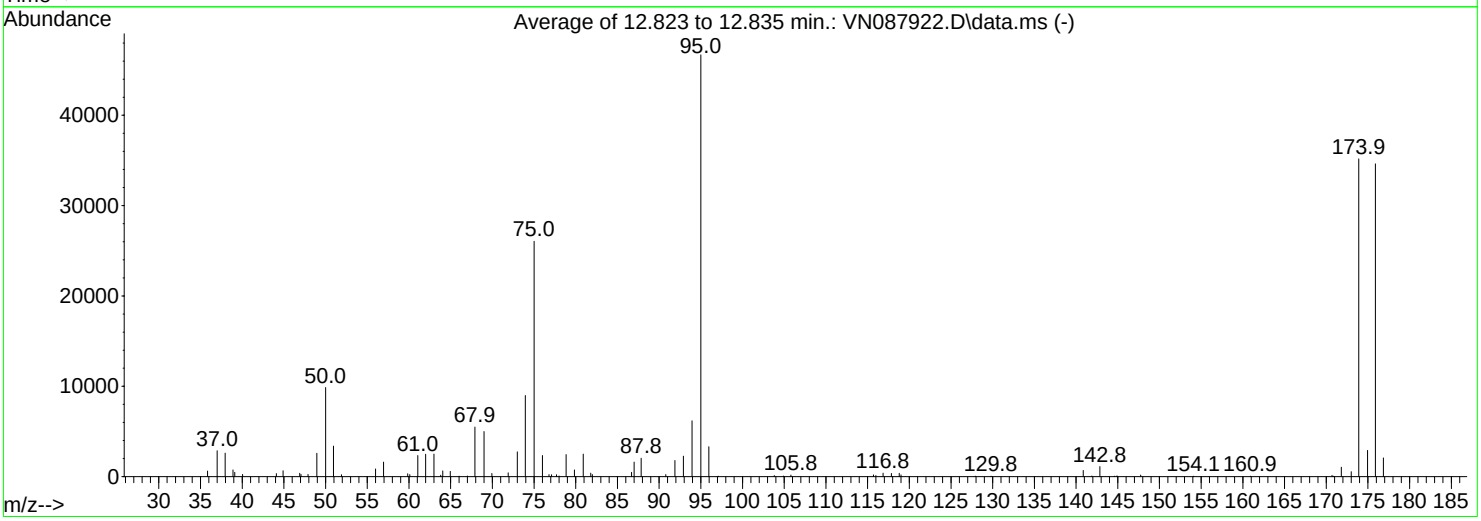
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087922.D
Acq On : 23 Sep 2025 08:31
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	9874	PASS
75	95	30	60	55.8	26056	PASS
95	95	100	100	100.0	46688	PASS
96	95	5	9	7.1	3306	PASS
173	174	0.00	2	1.6	554	PASS
174	95	50	100	75.3	35176	PASS
175	174	5	9	8.3	2908	PASS
176	174	95	101	98.4	34627	PASS
177	176	5	9	6.0	2077	PASS

Average of 12.823 to 12.835 min.: VN087922.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	625	48.95	2588	63.80	152	75.00	2605
37.00	2871	50.00	9874	64.05	645	76.00	233
37.95	2605	50.95	3389	64.95	588	76.80	22
38.90	742	51.90	213	66.00	61	77.10	20
39.10	485	56.00	853	67.00	79	77.70	218
40.05	250	56.95	1606	67.90	5482	78.00	70
44.10	330	59.85	316	69.00	5001	78.85	2440
44.90	658	60.10	236	69.95	346	79.85	751
46.90	367	61.05	2344	71.90	433	80.90	2498
47.05	246	62.00	2480	73.00	2738	81.80	389
47.90	253	63.00	2501	73.95	8981	82.00	222

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087922.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.70	487	104.90	74	141.90	65	173.90	35176
87.00	1618	105.80	183	142.85	1122	174.95	2908
87.85	2037	115.70	188	144.60	61	175.90	34627
90.80	228	116.00	127	144.90	85	176.85	2077
91.90	1791	116.85	389	147.75	172		
92.90	2267	117.85	359	154.10	52		
93.95	6190	118.80	369	160.90	59		
95.00	46688	119.00	193	170.70	137		
95.95	3306	127.90	51	170.90	58		
97.10	61	129.80	57	171.80	1053		
103.80	124	140.85	699	173.00	554		

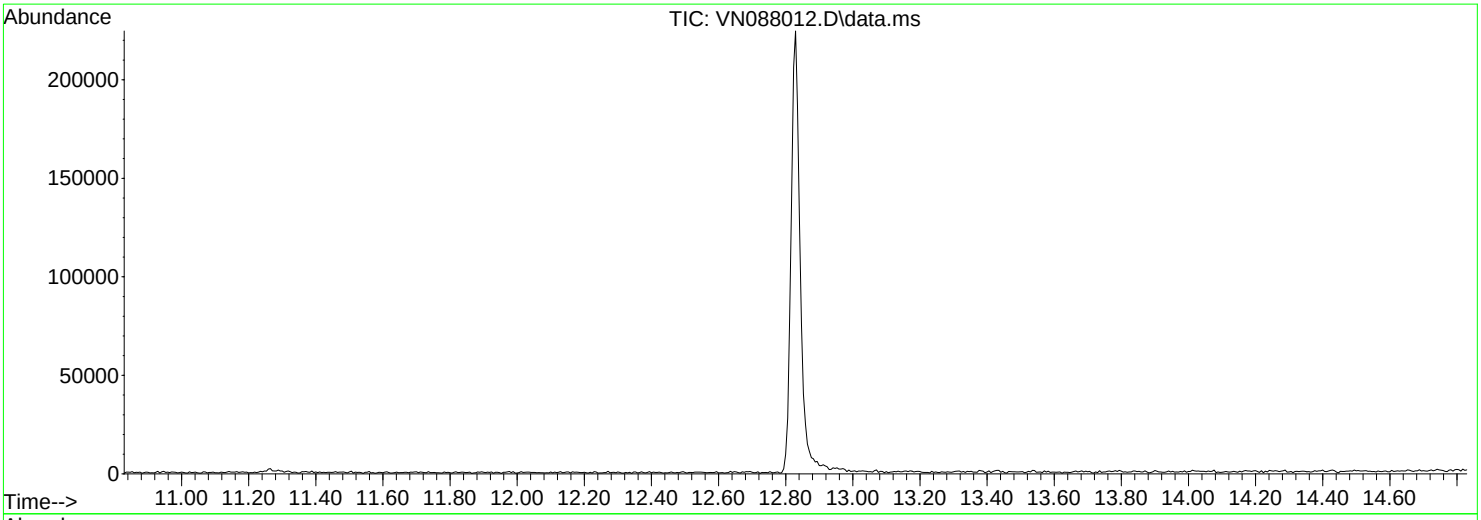
Sample Results: **VN088012.D**

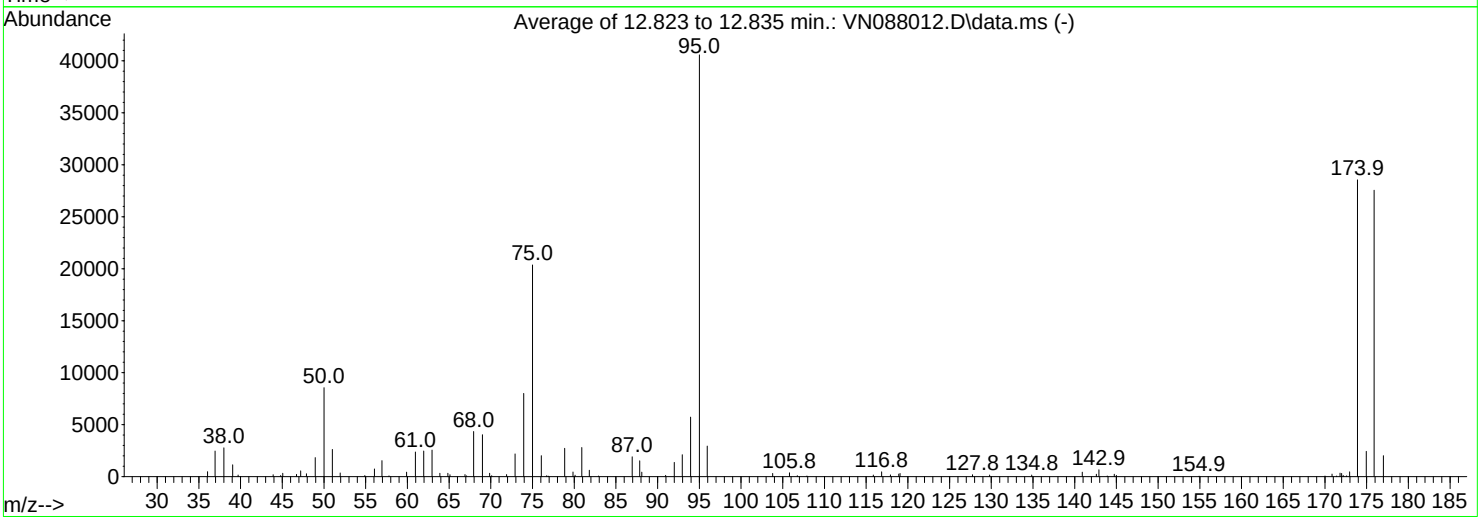
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088012.D
Acq On : 03 Oct 2025 09:34
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Title : SW846 8260
Last Update : Wed Sep 24 05:05:30 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1840

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	8567	PASS
75	95	30	60	50.2	20371	PASS
95	95	100	100	100.0	40579	PASS
96	95	5	9	7.3	2942	PASS
173	174	0.00	2	1.6	464	PASS
174	95	50	100	70.4	28557	PASS
175	174	5	9	8.5	2440	PASS
176	174	95	101	96.5	27552	PASS
177	176	5	9	7.3	2015	PASS

Average of 12.823 to 12.835 min.: VN088012.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	484	48.95	1838	62.95	2560	72.90	218
36.95	2460	50.00	8567	63.90	324	73.95	800
38.00	2774	51.00	2614	64.85	322	75.00	2037
39.05	1146	51.95	358	65.10	182	76.05	201
39.70	156	54.90	105	66.90	195	76.70	94
43.90	192	56.05	741	67.10	75	76.90	55
44.80	109	56.95	1541	67.95	4346	78.85	2729
45.05	323	57.80	75	69.00	4040	79.85	453
46.70	216	59.90	429	69.85	321	80.10	137
47.20	560	60.95	2365	70.10	96	80.90	2796
47.90	285	61.95	2458	71.90	199	81.80	617

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN088012.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.90	65	105.80	364	140.90	435	172.00	309
86.95	1910	106.75	101	142.60	233	172.20	103
87.85	1520	107.90	66	142.90	663	172.60	73
88.10	424	115.85	156	143.90	56	172.95	464
90.95	122	116.85	458	144.75	229	173.90	28557
92.00	1369	117.90	169	145.00	128	174.95	2440
92.95	2116	118.90	243	154.90	51	175.90	27552
93.95	5721	119.05	305	170.00	56	177.00	2015
95.00	40579	127.75	185	170.85	248		
95.95	2942	129.80	163	171.40	65		
103.80	313	134.85	148	171.80	334		

Raw Data: **VN088015.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VN1003WBL01	SDG No.:	Q3274
Lab Sample ID:	VN1003WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088015.D	1	10/03/25 11:11	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Raw Data: **VN088015.D**

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

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	ANN		Date Received:		
Client Sample ID:	VN1003WBL01		SDG No.:	Q3274	
Lab Sample ID:	VN1003WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088015.D	1	10/03/25 11:11	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.1		70 (74) - 130 (125)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	47.2		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.0		70 (77) - 130 (121)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	8.206			
540-36-3	1,4-Difluorobenzene	397000	9.082			
3114-55-4	Chlorobenzene-d5	390000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.77			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1003WBL01			SDG No.:	Q3274
Lab Sample ID:	VN1003WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088015.D	1	10/03/25 11:11	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Quant Time: Oct 04 02:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	175124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	396641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	390371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	175413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	168351	57.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.240%			
35) Dibromofluoromethane	8.147	113	137594	47.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.560%			
50) Toluene-d8	10.547	98	477841	47.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.360%			
62) 4-Bromofluorobenzene	12.829	95	151886	41.958	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 83.920%			

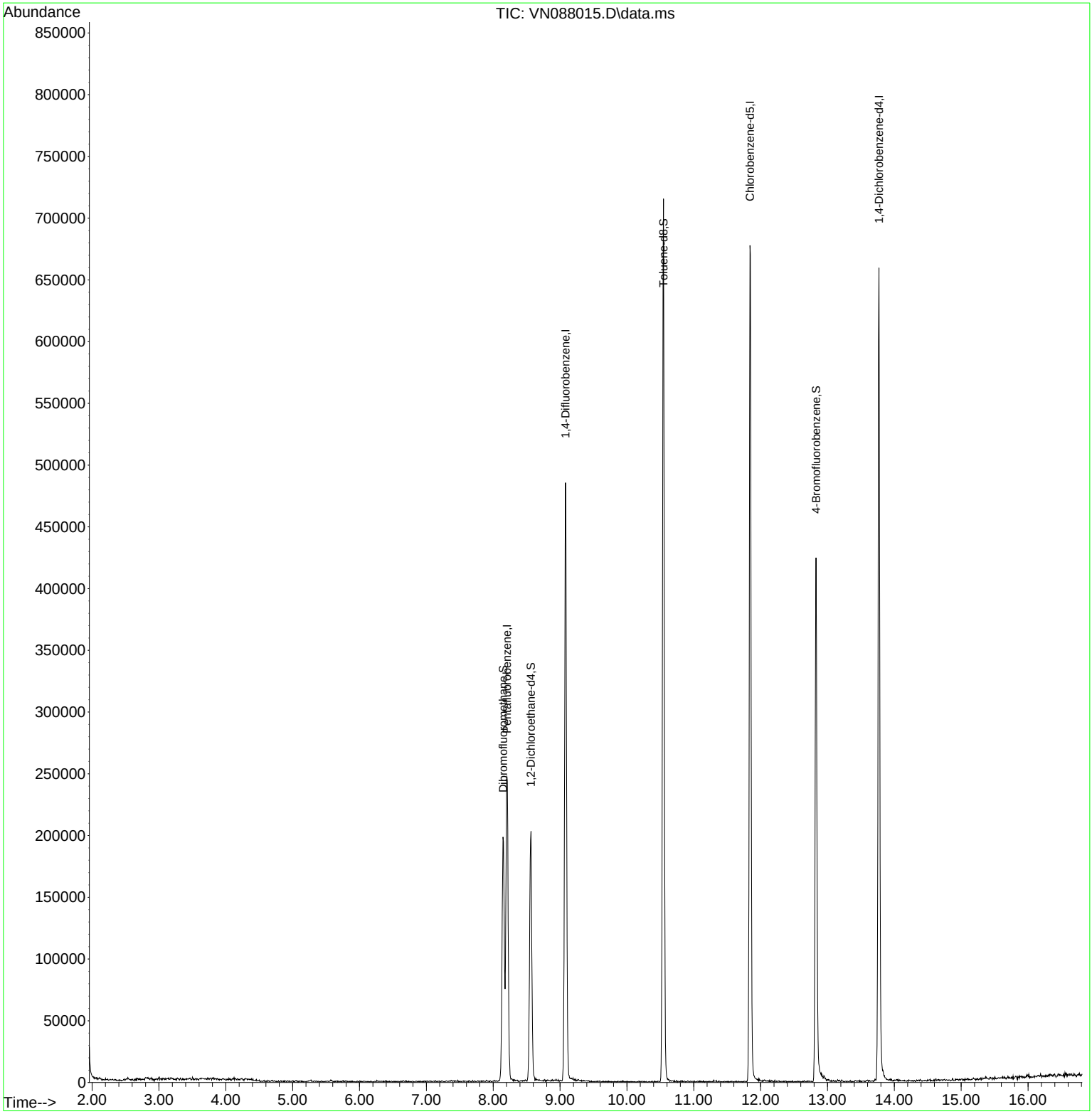
Target Compounds Qvalue

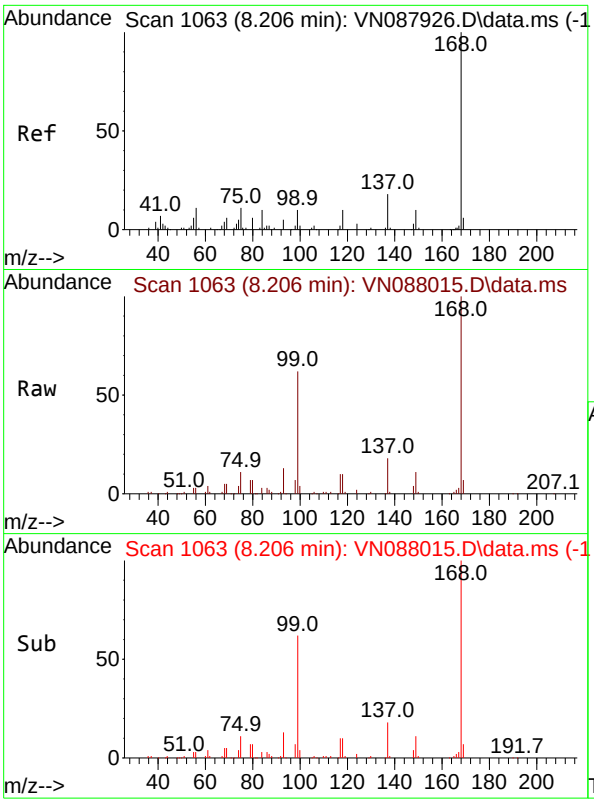
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Quant Time: Oct 04 02:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



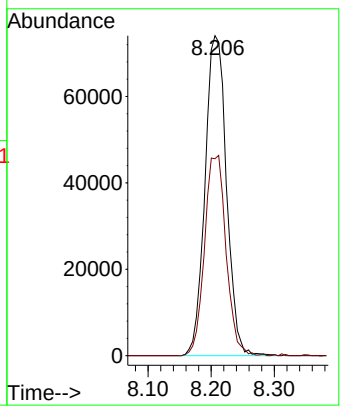


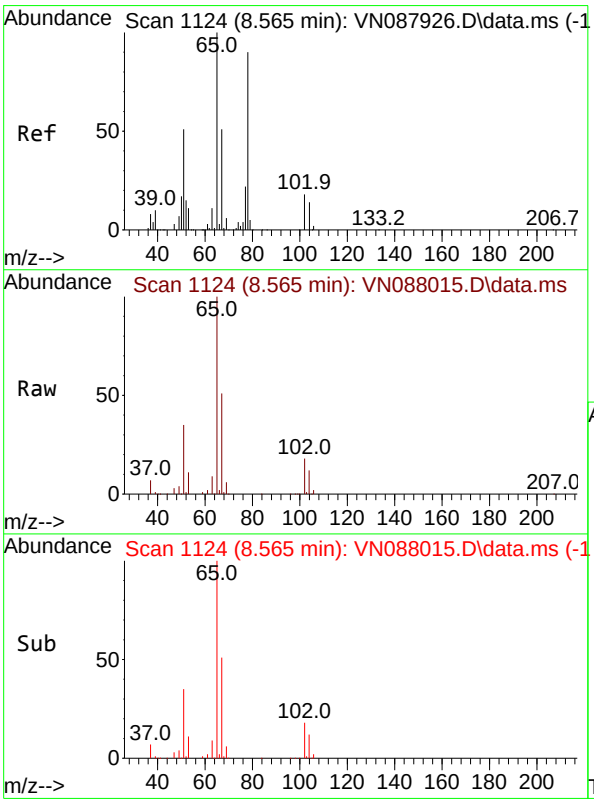
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Tgt Ion:168 Resp: 175124

Ion	Ratio	Lower	Upper
168	100		
99	61.6	52.2	78.2

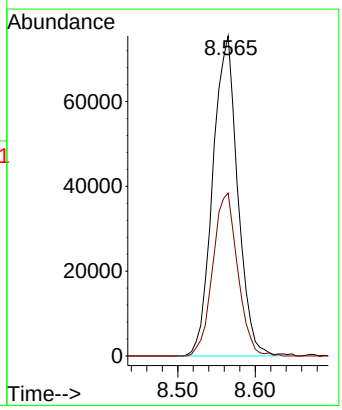


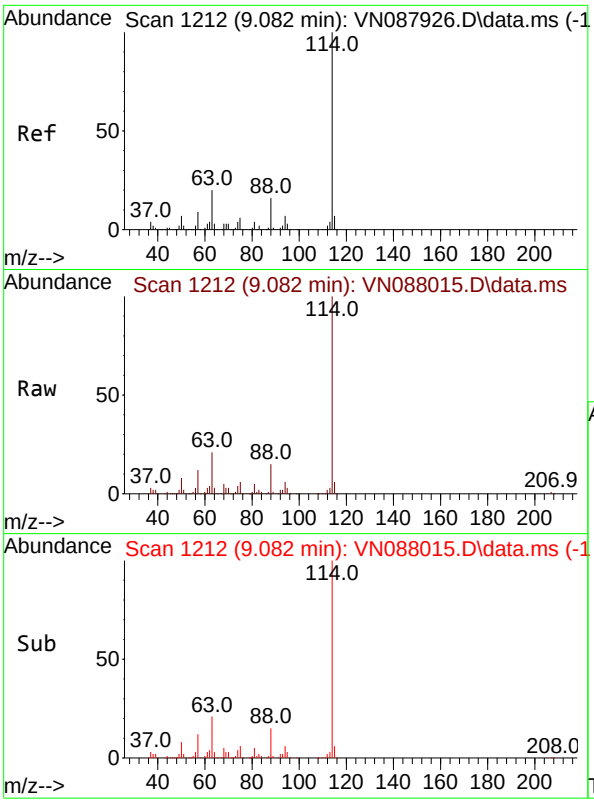


#33
1,2-Dichloroethane-d4
Concen: 57.122 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Tgt Ion: 65 Resp: 168351

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.4



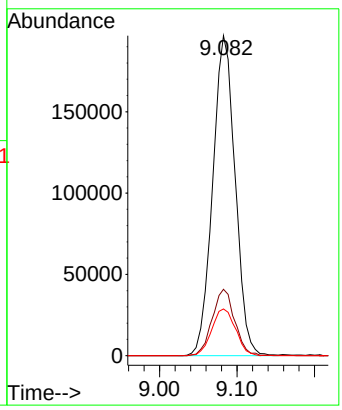


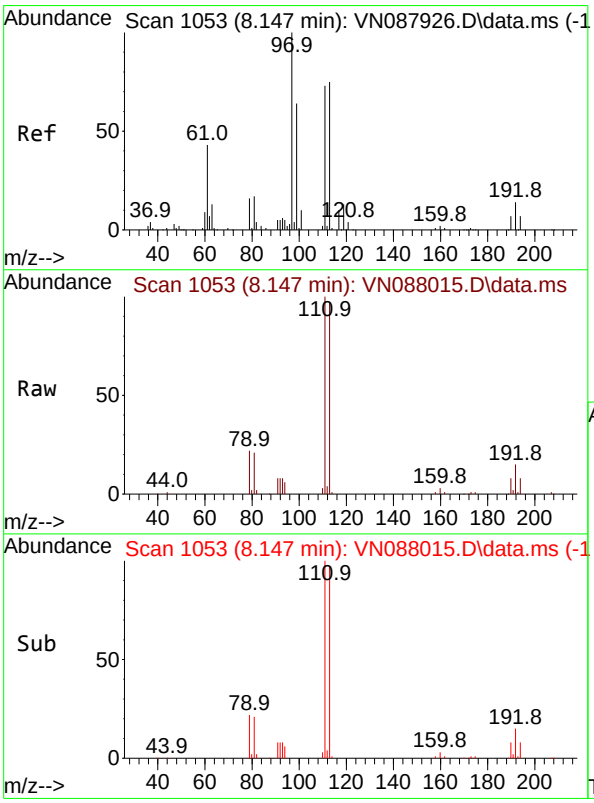
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Tgt Ion:114 Resp: 396641

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.0
88	14.6	0.0	31.8

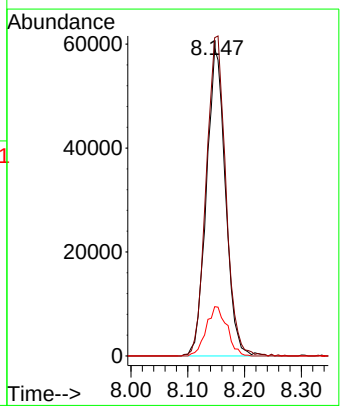


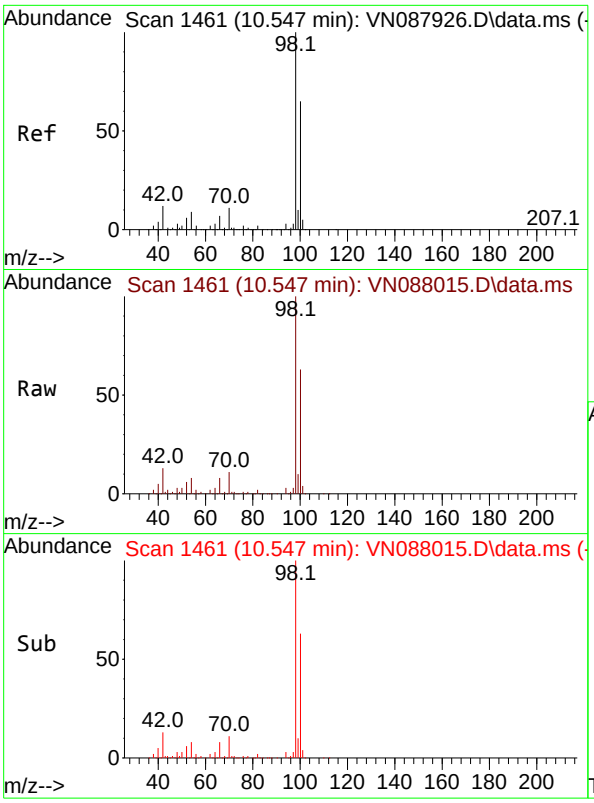


#35
Dibromofluoromethane
Concen: 47.778 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Tgt Ion:113 Resp: 137594

Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.2	123.2
192	17.5	14.2	21.2



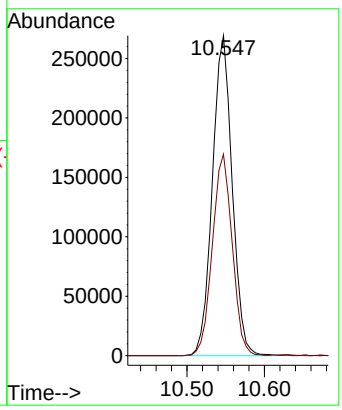


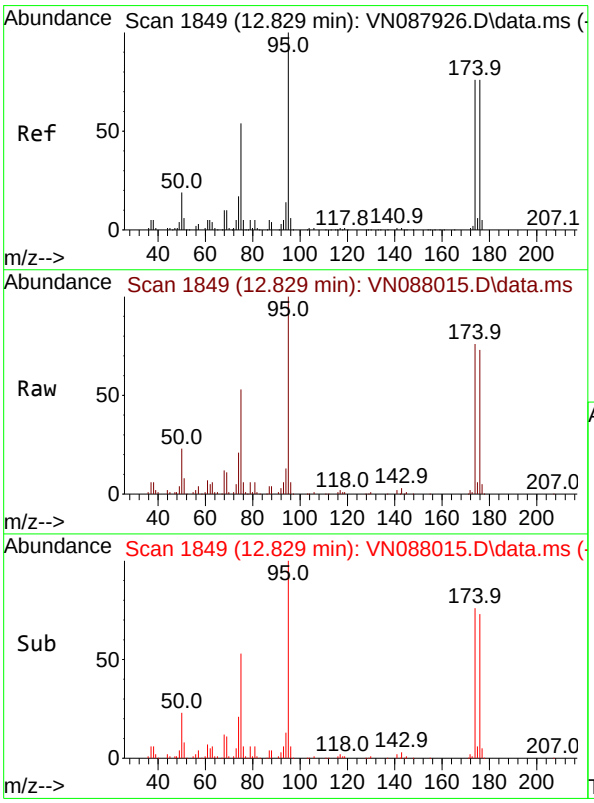
#50
Toluene-d8
Concen: 47.184 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Tgt Ion: 98 Resp: 477841

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.7	77.5

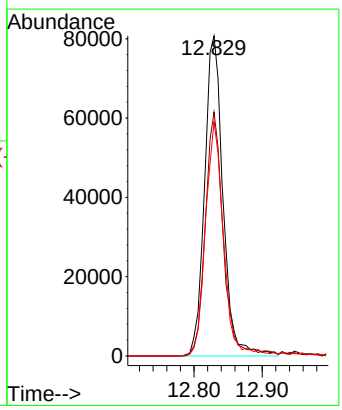


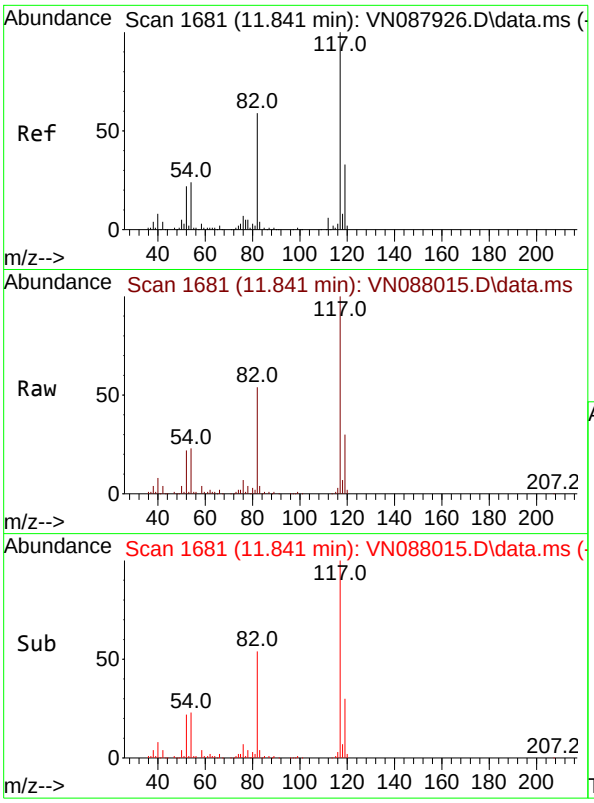


#62
4-Bromofluorobenzene
Concen: 41.958 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Tgt Ion: 95 Resp: 151886

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	159.2
176	71.0	0.0	152.6



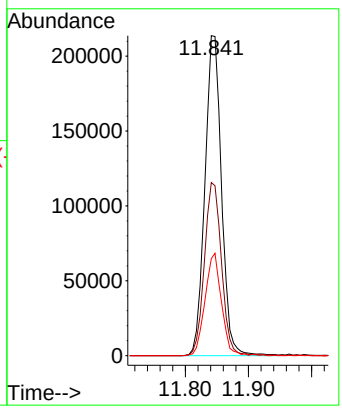


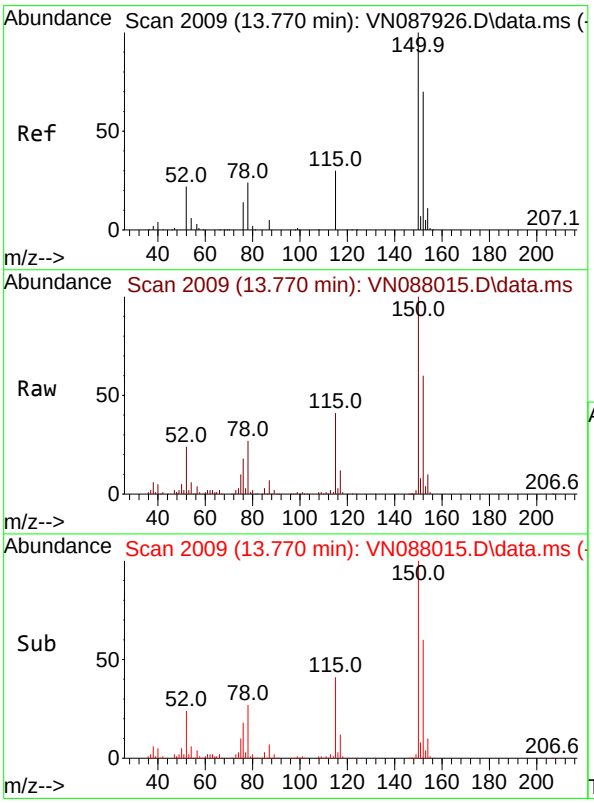
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Tgt Ion:117 Resp: 390371

Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.0	70.4
119	30.4	26.1	39.1

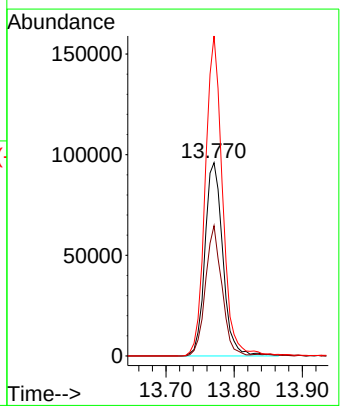




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088015.D
Acq: 03 Oct 2025 11:11

Tgt Ion:152 Resp: 175413

Ion	Ratio	Lower	Upper
152	100		
115	61.9	29.9	89.7
150	160.2	0.0	335.0



Sample Results: **VN088015.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

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\82N092325W.M
Title : SW846 8260

Signal : TIC: VN088015.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.147	1043	1053	1058	rBV	197307	469705	36.52%	6.734%
2	8.206	1058	1063	1073	rVB2	244790	576144	44.80%	8.260%
3	8.565	1114	1124	1134	rBV	202410	465560	36.20%	6.674%
4	9.082	1203	1212	1226	rBV	484610	986815	76.73%	14.147%
5	10.547	1452	1461	1473	rBV	715035	1286157	100.00%	18.439%
6	11.841	1673	1681	1695	rBV	677278	1244426	96.76%	17.841%
7	12.829	1841	1849	1867	rBV2	424640	794436	61.77%	11.389%
8	13.770	2001	2009	2018	rBV	658078	1151992	89.57%	16.515%

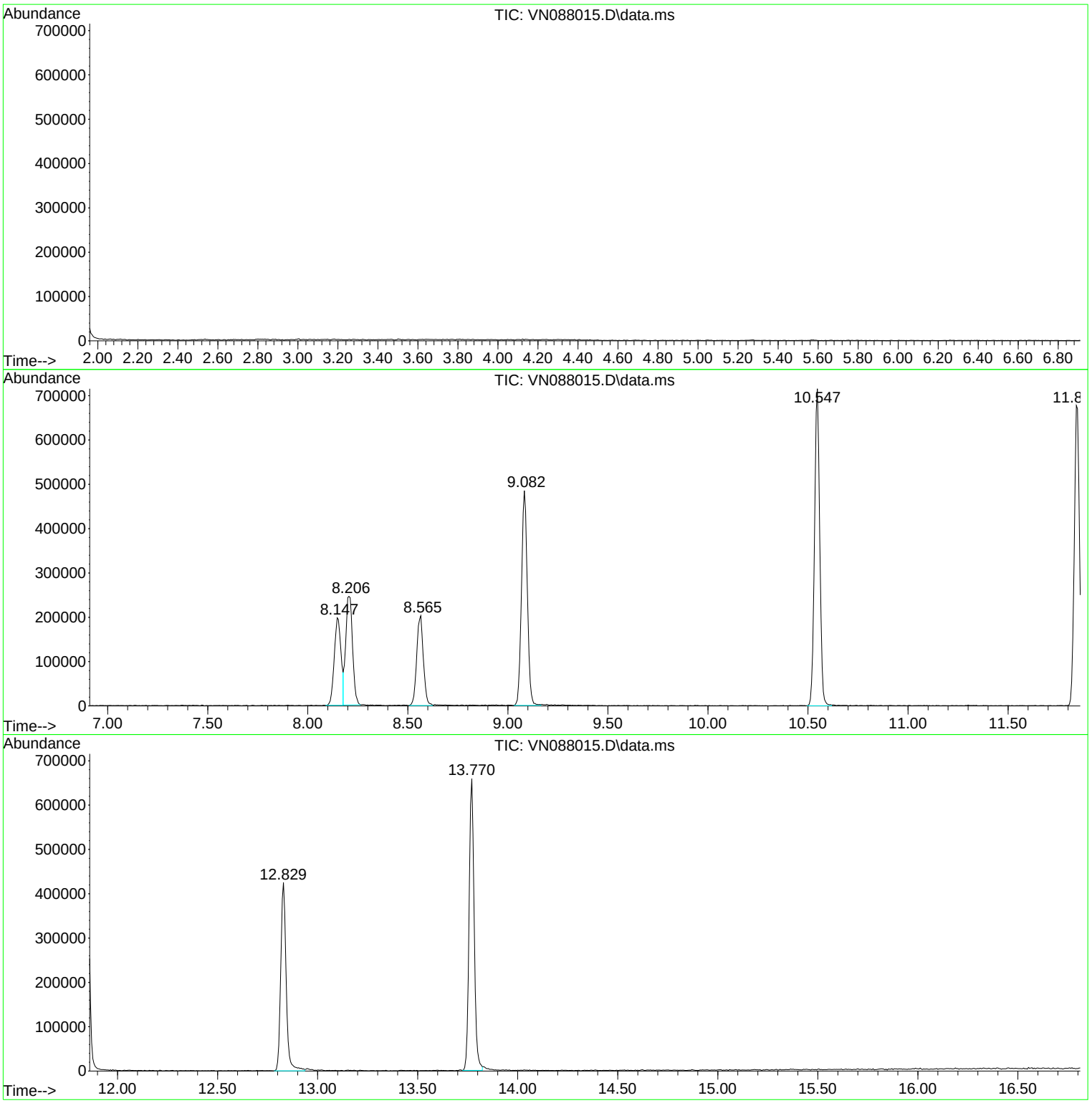
Sum of corrected areas: 6975235

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN088015.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.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\VN100325\
Data File : VN088015.D
Acq On : 03 Oct 2025 11:11
Operator : JC\MD
Sample : VN1003WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.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

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VN1003WBS01	SDG No.:	Q3274
Lab Sample ID:	VN1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088016.D	1	10/03/25 12:07	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	5.00	ug/L
74-87-3	Chloromethane	21.2		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	21.8		0.26	5.00	ug/L
74-83-9	Bromomethane	23.7		1.40	5.00	ug/L
75-00-3	Chloroethane	22.8		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	22.1		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	23.1		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	22.3		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	19.2		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.7		0.16	5.00	ug/L
79-20-9	Methyl Acetate	25.4		0.27	5.00	ug/L
75-09-2	Methylene Chloride	21.9		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.2		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	22.8		0.23	5.00	ug/L
110-82-7	Cyclohexane	21.7		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.3		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	22.1		0.19	5.00	ug/L
74-97-5	Bromochloromethane	20.4		0.22	5.00	ug/L
67-66-3	Chloroform	23.3		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	22.2		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	19.5		0.16	5.00	ug/L
71-43-2	Benzene	21.1		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.2		0.22	5.00	ug/L
79-01-6	Trichloroethene	21.4		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	22.3		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	22.6		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	21.5		0.14	5.00	ug/L

Raw Data: **VN088016.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VN1003WBS01	SDG No.:	Q3274
Lab Sample ID:	VN1003WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088016.D	1	10/03/25 12:07	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	21.4		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.7		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.9		0.23	5.00	ug/L
108-90-7	Chlorobenzene	21.5		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	21.0		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	42.0		0.24	10.0	ug/L
95-47-6	o-Xylene	20.7		0.12	5.00	ug/L
100-42-5	Styrene	21.3		0.15	5.00	ug/L
75-25-2	Bromoform	20.3		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.5		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.9		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	21.3		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.2		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.4		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	8.206			
540-36-3	1,4-Difluorobenzene	397000	9.083			
3114-55-4	Chlorobenzene-d5	382000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	201000	13.77			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1003WBS01			SDG No.:	Q3274
Lab Sample ID:	VN1003WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088016.D	1	10/03/25 12:07	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088016.D
Acq On : 03 Oct 2025 12:07
Operator : JC\MD
Sample : VN1003WBS01
Misc : 5.00mL//MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 02:53:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	210745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	397174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	382298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	201044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184280	51.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	8.147	113	144023	49.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	10.547	98	505265	49.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.829	95	176825	48.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	50304	20.611	ug/l	89
3) Chloromethane	2.383	50	52853	21.150	ug/l	95
4) Vinyl Chloride	2.542	62	55684	21.841	ug/l	98
5) Bromomethane	2.977	94	37479	23.713	ug/l	92
6) Chloroethane	3.142	64	37787	22.795	ug/l	95
7) Trichlorofluoromethane	3.518	101	91817	22.119	ug/l	92
8) Diethyl Ether	3.965	74	35179	22.433	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	50708	23.113	ug/l	97
10) Methyl Iodide	4.583	142	43615	22.088	ug/l	93
11) Tert butyl alcohol	5.518	59	51861	101.520	ug/l	97
12) 1,1-Dichloroethene	4.342	96	49379	22.306	ug/l	90
13) Acrolein	4.171	56	41969	64.029	ug/l	97
14) Allyl chloride	5.012	41	77632	21.541	ug/l	98
15) Acrylonitrile	5.712	53	175059	109.248	ug/l	97
16) Acetone	4.418	43	163822	112.264	ug/l	99
17) Carbon Disulfide	4.706	76	132486	19.155	ug/l	99
18) Methyl Acetate	5.024	43	92834	25.420	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	187628	21.697	ug/l	96
20) Methylene Chloride	5.259	84	64540	21.851	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	57617	21.231	ug/l	91
22) Diisopropyl ether	6.653	45	194296	23.094	ug/l	96
23) Vinyl Acetate	6.589	43	833841	117.711	ug/l	100
24) 1,1-Dichloroethane	6.547	63	112207	22.828	ug/l	96
25) 2-Butanone	7.471	43	241051	108.075	ug/l	96
26) 2,2-Dichloropropane	7.471	77	98952	22.659	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	71261	22.069	ug/l	99
28) Bromochloromethane	7.794	49	54438	20.385	ug/l	95
29) Tetrahydrofuran	7.830	42	149625	104.767	ug/l	99
30) Chloroform	7.947	83	125355	23.324	ug/l	98
31) Cyclohexane	8.236	56	86204	21.675	ug/l	87
32) 1,1,1-Trichloroethane	8.153	97	100892	22.217	ug/l	96
36) 1,1-Dichloropropene	8.353	75	76378	22.027	ug/l	96
37) Ethyl Acetate	7.547	43	98881	21.716	ug/l	97
38) Carbon Tetrachloride	8.347	117	84594	21.261	ug/l	99
39) Methylcyclohexane	9.582	83	74573	19.495	ug/l	95
40) Benzene	8.588	78	242780	21.146	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088016.D
Acq On : 03 Oct 2025 12:07
Operator : JC\MD
Sample : VN1003WBS01
Misc : 5.00mL//MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 02:53:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	50675	21.535	ug/l		100
42) 1,2-Dichloroethane	8.653	62	90833	21.200	ug/l		99
43) Isopropyl Acetate	8.671	43	151542	21.143	ug/l		99
44) Trichloroethene	9.330	130	58771	21.430	ug/l		91
45) 1,2-Dichloropropane	9.600	63	64277	22.327	ug/l		91
46) Dibromomethane	9.688	93	50598	22.273	ug/l		95
47) Bromodichloromethane	9.871	83	100758	22.614	ug/l		98
48) Methyl methacrylate	9.665	41	67399	20.306	ug/l		99
49) 1,4-Dioxane	9.682	88	20615	420.425	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.424	43	491455	109.887	ug/l		98
52) Toluene	10.612	92	154675	21.469	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	97633	21.410	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	102613	21.666	ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	65722	22.435	ug/l		94
56) Ethyl methacrylate	10.859	69	88156	20.826	ug/l		97
57) 1,3-Dichloropropane	11.141	76	107806	22.374	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	246994	124.104	ug/l		99
59) 2-Hexanone	11.177	43	324609	109.768	ug/l		99
60) Dibromochloromethane	11.335	129	72678	21.101	ug/l		98
61) 1,2-Dibromoethane	11.453	107	66379	21.404	ug/l		99
64) Tetrachloroethene	11.082	164	48633	20.884	ug/l	#	83
65) Chlorobenzene	11.871	112	174633	21.465	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	62521	21.310	ug/l		98
67) Ethyl Benzene	11.941	91	285734	21.048	ug/l		99
68) m/p-Xylenes	12.047	106	218109	42.010	ug/l		98
69) o-Xylene	12.376	106	103083	20.666	ug/l		100
70) Styrene	12.388	104	182866	21.346	ug/l		99
71) Bromoform	12.559	173	48240	20.267	ug/l	#	99
73) Isopropylbenzene	12.676	105	267454	21.465	ug/l		99
74) N-amyl acetate	12.606	43	94357m	22.983	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	101141	22.529	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	95790m	24.171	ug/l		
77) Bromobenzene	12.959	156	71276	21.499	ug/l		98
78) n-propylbenzene	13.012	91	331926	21.307	ug/l		99
79) 2-Chlorotoluene	13.106	91	203856	21.491	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	232833	21.603	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.718	75	27002	18.920	ug/l		94
82) 4-Chlorotoluene	13.200	91	216618	22.664	ug/l		100
83) tert-Butylbenzene	13.418	119	190796	20.915	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	241463	21.842	ug/l		99
85) sec-Butylbenzene	13.594	105	289467	21.643	ug/l		100
86) p-Isopropyltoluene	13.706	119	235506	20.790	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	141493	21.871	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	141799	21.328	ug/l		97
89) n-Butylbenzene	14.035	91	224123	20.936	ug/l		97
90) Hexachloroethane	14.306	117	51390	21.718	ug/l		90
91) 1,2-Dichlorobenzene	14.082	146	132395	21.231	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20888	20.024	ug/l		95
93) 1,2,4-Trichlorobenzene	15.364	180	75098	20.396	ug/l		96
94) Hexachlorobutadiene	15.470	225	26775	19.757	ug/l		97
95) Naphthalene	15.612	128	235049	19.887	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	72634	20.292	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088016.D
Acq On : 03 Oct 2025 12:07
Operator : JC\MD
Sample : VN1003WBS01
Misc : 5.00mL//MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 02:53:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

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

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

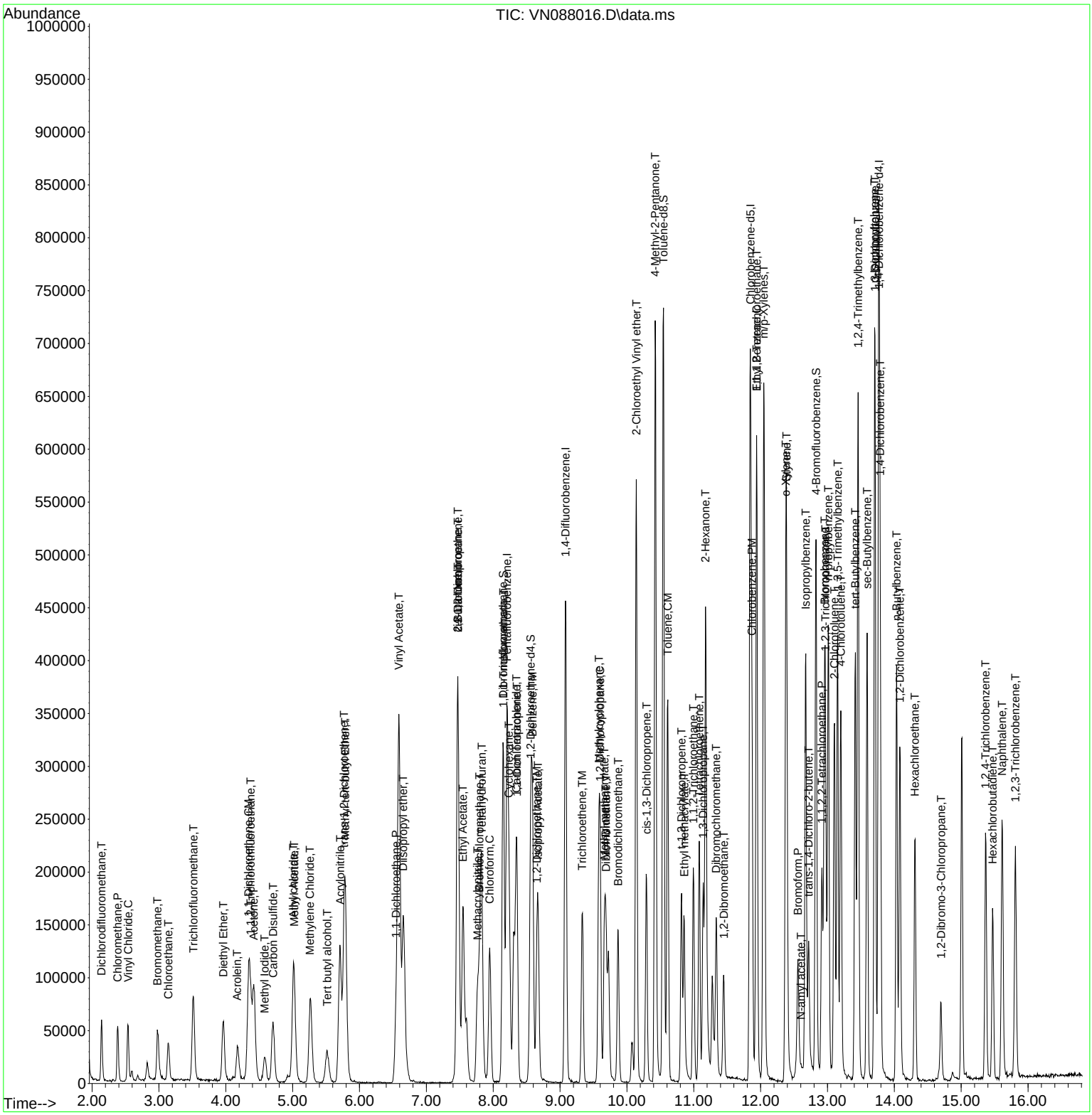
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088016.D
Acq On : 03 Oct 2025 12:07
Operator : JC\MD
Sample : VN1003WBS01
Misc : 5.00mL//MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 04 02:53:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



Raw Data: **VN088025.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VN1003WBSD01	SDG No.:	Q3274
Lab Sample ID:	VN1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088025.D	1	10/03/25 15:55	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.2		0.22	5.00	ug/L
74-87-3	Chloromethane	18.7		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.26	5.00	ug/L
74-83-9	Bromomethane	15.9		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	19.8		0.23	5.00	ug/L
67-64-1	Acetone	100		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	17.3		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	5.00	ug/L
79-20-9	Methyl Acetate	24.5		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.3		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	5.00	ug/L
110-82-7	Cyclohexane	20.0		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	5.00	ug/L
74-97-5	Bromochloromethane	17.4		0.22	5.00	ug/L
67-66-3	Chloroform	20.4		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.1		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.8		0.16	5.00	ug/L
71-43-2	Benzene	19.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	5.00	ug/L
79-01-6	Trichloroethene	19.4		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.0		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	25.0	ug/L
108-88-3	Toluene	19.4		0.14	5.00	ug/L

Raw Data: **VN088025.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VN1003WBSD01	SDG No.:	Q3274
Lab Sample ID:	VN1003WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088025.D	1	10/03/25 15:55	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.7		0.21	5.00	ug/L
591-78-6	2-Hexanone	93.8		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	19.1		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	19.1		0.23	5.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	39.4		0.24	10.0	ug/L
95-47-6	o-Xylene	19.1		0.12	5.00	ug/L
100-42-5	Styrene	19.8		0.15	5.00	ug/L
75-25-2	Bromoform	18.3		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	20.4		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.6		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.9		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	43.1		70 (75) - 130 (124)	86%	SPK: 50
2037-26-5	Toluene-d8	44.1		70 (86) - 130 (113)	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	229000	8.206			
540-36-3	1,4-Difluorobenzene	435000	9.082			
3114-55-4	Chlorobenzene-d5	403000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	207000	13.77			

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	ANN			Date Received:	
Client Sample ID:	VN1003WBSD01			SDG No.:	Q3274
Lab Sample ID:	VN1003WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN088025.D	1	10/03/25 15:55	VN100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088025.D
Acq On : 03 Oct 2025 15:55
Operator : JC\MD
Sample : VN1003WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 04 02:58:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	228703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	434830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	402581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	182423	47.396	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.800%			
35) Dibromofluoromethane	8.147	113	136184	43.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.280%			
50) Toluene-d8	10.547	98	489802	44.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.240%			
62) 4-Bromofluorobenzene	12.829	95	176109	44.377	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	48119	18.168	ug/l	95
3) Chloromethane	2.383	50	50662	18.681	ug/l	97
4) Vinyl Chloride	2.536	62	51125	18.478	ug/l	97
5) Bromomethane	2.977	94	27339	15.939	ug/l	93
6) Chloroethane	3.136	64	34911	19.406	ug/l	98
7) Trichlorofluoromethane	3.506	101	87381	19.398	ug/l	97
8) Diethyl Ether	3.965	74	36126	21.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	46626	19.583	ug/l	96
10) Methyl Iodide	4.583	142	33271	15.527	ug/l	97
11) Tert butyl alcohol	5.524	59	63264	114.118	ug/l	98
12) 1,1-Dichloroethene	4.342	96	47653	19.836	ug/l	93
13) Acrolein	4.165	56	58812	82.680	ug/l	97
14) Allyl chloride	5.006	41	75096	19.201	ug/l	99
15) Acrylonitrile	5.712	53	174381	100.280	ug/l	99
16) Acetone	4.424	43	165335	104.404	ug/l	96
17) Carbon Disulfide	4.706	76	129613	17.268	ug/l	100
18) Methyl Acetate	5.018	43	97015	24.479	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	192412	20.503	ug/l	96
20) Methylene Chloride	5.265	84	64999	20.278	ug/l #	92
21) trans-1,2-Dichloroethene	5.777	96	56476	19.177	ug/l #	78
22) Diisopropyl ether	6.659	45	195931	21.460	ug/l	94
23) Vinyl Acetate	6.588	43	840790	109.372	ug/l	98
24) 1,1-Dichloroethane	6.553	63	106499	19.966	ug/l	99
25) 2-Butanone	7.471	43	257851	106.529	ug/l	99
26) 2,2-Dichloropropane	7.477	77	97207	20.511	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	68291	19.488	ug/l	97
28) Bromochloromethane	7.794	49	50349	17.373	ug/l	98
29) Tetrahydrofuran	7.824	42	161322	104.088	ug/l	99
30) Chloroform	7.947	83	118801	20.369	ug/l	100
31) Cyclohexane	8.241	56	86333	20.003	ug/l	91
32) 1,1,1-Trichloroethane	8.147	97	99067	20.102	ug/l	96
36) 1,1-Dichloropropene	8.353	75	74501	19.625	ug/l	98
37) Ethyl Acetate	7.547	43	96767	19.411	ug/l	98
38) Carbon Tetrachloride	8.347	117	81494	18.708	ug/l	100
39) Methylcyclohexane	9.582	83	78547	18.756	ug/l	99
40) Benzene	8.582	78	241648	19.225	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088025.D
Acq On : 03 Oct 2025 15:55
Operator : JC\MD
Sample : VN1003WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 04 02:58:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	50055	19.429	ug/l		95
42) 1,2-Dichloroethane	8.653	62	86910	18.528	ug/l		98
43) Isopropyl Acetate	8.677	43	158166	20.157	ug/l		99
44) Trichloroethene	9.335	130	58280	19.411	ug/l		87
45) 1,2-Dichloropropane	9.600	63	59911	19.008	ug/l		96
46) Dibromomethane	9.688	93	47133	18.951	ug/l		94
47) Bromodichloromethane	9.871	83	96058	19.692	ug/l		92
48) Methyl methacrylate	9.665	41	70779	19.478	ug/l		99
49) 1,4-Dioxane	9.682	88	23082	429.972	ug/l		98
51) 4-Methyl-2-Pentanone	10.424	43	495920	101.282	ug/l		99
52) Toluene	10.612	92	153141	19.415	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	97316	19.493	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	101859	19.644	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	63111	19.678	ug/l		97
56) Ethyl methacrylate	10.859	69	85962	18.549	ug/l		95
57) 1,3-Dichloropropane	11.141	76	105830	20.062	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	278033	127.602	ug/l		98
59) 2-Hexanone	11.176	43	303609	93.776	ug/l		96
60) Dibromochloromethane	11.335	129	72169	19.139	ug/l		99
61) 1,2-Dibromoethane	11.447	107	66699	19.645	ug/l		97
64) Tetrachloroethene	11.082	164	46836	19.099	ug/l		93
65) Chlorobenzene	11.865	112	171353	20.001	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	61187	19.805	ug/l		95
67) Ethyl Benzene	11.941	91	278838	19.505	ug/l		97
68) m/p-Xylenes	12.047	106	215590	39.433	ug/l		99
69) o-Xylene	12.376	106	100108	19.058	ug/l		96
70) Styrene	12.394	104	178431	19.779	ug/l		99
71) Bromoform	12.565	173	45970	18.340	ug/l	#	96
73) Isopropylbenzene	12.676	105	261068	20.372	ug/l		99
74) N-amyl acetate	12.682	43	82436m	19.524	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	96751	20.954	ug/l		99
76) 1,2,3-Trichloropropane	12.970	75	79136m	19.416	ug/l		
77) Bromobenzene	12.959	156	67939	19.926	ug/l		97
78) n-propylbenzene	13.017	91	325816	20.336	ug/l		100
79) 2-Chlorotoluene	13.100	91	193668	19.852	ug/l		97
80) 1,3,5-Trimethylbenzene	13.153	105	225854	20.376	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	27307	18.604	ug/l		91
82) 4-Chlorotoluene	13.200	91	196420	19.982	ug/l		97
83) tert-Butylbenzene	13.417	119	192922	20.563	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	229109	20.152	ug/l		99
85) sec-Butylbenzene	13.594	105	281157	20.440	ug/l		99
86) p-Isopropyltoluene	13.706	119	233560	20.048	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	129925	19.527	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	134356	19.649	ug/l		98
89) n-Butylbenzene	14.035	91	217412	19.747	ug/l		99
90) Hexachloroethane	14.306	117	46848	19.251	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	128110	19.975	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21548	20.085	ug/l		96
93) 1,2,4-Trichlorobenzene	15.370	180	75323	19.891	ug/l		98
94) Hexachlorobutadiene	15.470	225	25038	17.965	ug/l		94
95) Naphthalene	15.611	128	244645	20.127	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	70087	19.038	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088025.D
Acq On : 03 Oct 2025 15:55
Operator : JC\MD
Sample : VN1003WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 04 02:58:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

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

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

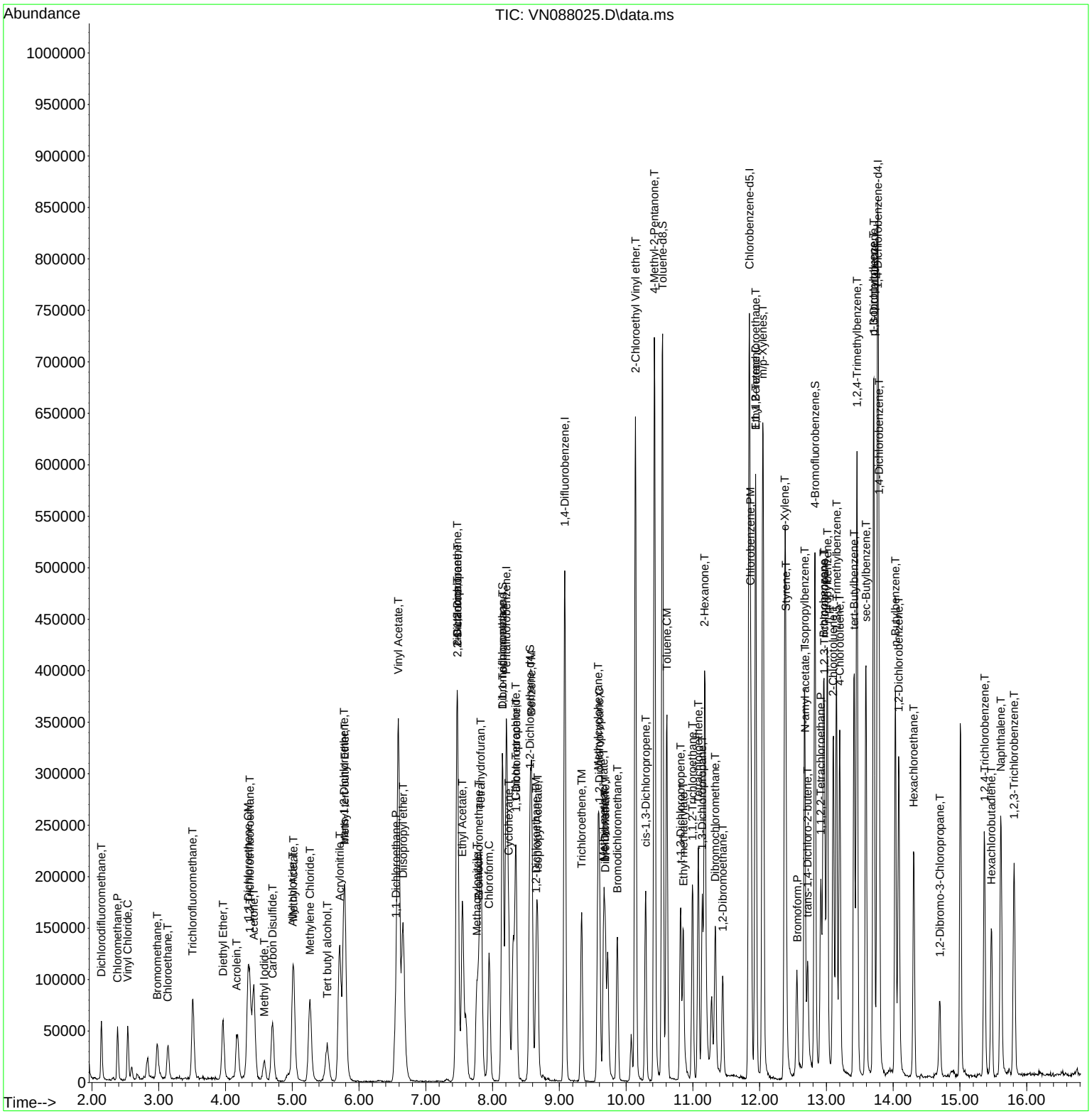
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
Data File : VN088025.D
Acq On : 03 Oct 2025 15:55
Operator : JC\MD
Sample : VN1003WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 04 02:58:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



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

Manual Integration Report

Sequence:	VN092325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN087924.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:09:59 AM	MMDadoda	9/26/2025 1:41:24 AM	Peak Integrated by Software
VSTDICC005	VN087924.D	Acetone	JOHN	9/24/2025 8:09:59 AM	MMDadoda	9/26/2025 1:41:24 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	N-amyl acetate	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICCC050	VN087926.D	Vinyl Acetate	JOHN	9/24/2025 8:10:07 AM	MMDadoda	9/26/2025 1:41:26 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	N-amyl acetate	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC100	VN087927.D	Vinyl Acetate	JOHN	9/24/2025 8:10:11 AM	MMDadoda	9/26/2025 1:41:28 AM	Peak Integrated by Software
VSTDICC150	VN087928.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:15 AM	MMDadoda	9/26/2025 1:41:29 AM	Peak Integrated by Software
VSTDICC150	VN087928.D	Vinyl Acetate	JOHN	9/24/2025 8:10:15 AM	MMDadoda	9/26/2025 1:41:29 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	N-amyl acetate	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software
VSTDICC020	VN087930.D	Vinyl Acetate	JOHN	9/24/2025 8:10:20 AM	MMDadoda	9/26/2025 1:41:30 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN092325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VN087931.D	1,2,3-Trichloropropane	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software
VSTDICV050	VN087931.D	N-amyl acetate	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software
VSTDICV050	VN087931.D	Vinyl Acetate	JOHN	9/24/2025 8:10:24 AM	MMDadoda	9/26/2025 1:41:32 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN100325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN088013.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:24:21 AM	SAM	10/6/2025 4:28:25 AM	Peak Integrated by Software
VSTDCCC050	VN088013.D	N-amyl acetate	MMDadoda	10/6/2025 4:24:21 AM	SAM	10/6/2025 4:28:25 AM	Peak Integrated by Software
VN1003WBS01	VN088016.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:24:22 AM	SAM	10/6/2025 4:28:26 AM	Peak Integrated by Software
VN1003WBS01	VN088016.D	N-amyl acetate	MMDadoda	10/6/2025 4:24:22 AM	SAM	10/6/2025 4:28:26 AM	Peak Integrated by Software
Q3274-01	VN088021.D	n-Butylbenzene	MMDadoda	10/6/2025 4:24:25 AM	SAM	10/6/2025 4:28:30 AM	Peak Integrated by Software
VN1003WBSD01	VN088025.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:24:27 AM	SAM	10/6/2025 4:28:32 AM	Peak Integrated by Software
VN1003WBSD01	VN088025.D	N-amyl acetate	MMDadoda	10/6/2025 4:24:27 AM	SAM	10/6/2025 4:28:32 AM	Peak Integrated by Software
Q3274-01DL	VN088027.D	n-Butylbenzene	MMDadoda	10/6/2025 4:24:28 AM	SAM	10/6/2025 4:28:34 AM	Peak Integrated by Software
VSTDCCC050	VN088028.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:24:30 AM	SAM	10/6/2025 4:28:36 AM	Peak Integrated by Software
VSTDCCC050	VN088028.D	N-amyl acetate	MMDadoda	10/6/2025 4:24:30 AM	SAM	10/6/2025 4:28:36 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092325

Review By	John Carlone	Review On	9/24/2025 8:10:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:41:42 AM		
SubDirectory	VN092325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135592
Initial Calibration Stds	VP135674,VP135675,VP135676,VP135677,VP135678
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135679
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087922.D	23 Sep 2025 08:31	JC\MD	Ok
2	VSTDICC001	VN087923.D	23 Sep 2025 08:51	JC\MD	Not Ok
3	VSTDICC005	VN087924.D	23 Sep 2025 09:33	JC\MD	Ok,M
4	VSTDICC020	VN087925.D	23 Sep 2025 09:54	JC\MD	Not Ok
5	VSTDICCC050	VN087926.D	23 Sep 2025 10:15	JC\MD	Ok,M
6	VSTDICC100	VN087927.D	23 Sep 2025 10:36	JC\MD	Ok,M
7	VSTDICC150	VN087928.D	23 Sep 2025 10:56	JC\MD	Ok,M
8	IBLK	VN087929.D	23 Sep 2025 11:17	JC\MD	Ok
9	VSTDICC020	VN087930.D	23 Sep 2025 11:47	JC\MD	Ok,M
10	VSTDICV050	VN087931.D	23 Sep 2025 15:08	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:24:42 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:28:46 AM		
SubDirectory	VN100325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135737
Initial Calibration Stds	
CCC	VP135738,VP135739
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN088012.D	03 Oct 2025 09:34	JC\MD	Ok
2	VSTDCCC050	VN088013.D	03 Oct 2025 10:17	JC\MD	Ok,M
3	VN1003MBL01	VN088014.D	03 Oct 2025 10:50	JC\MD	Ok
4	VN1003WBL01	VN088015.D	03 Oct 2025 11:11	JC\MD	Ok
5	VN1003WBS01	VN088016.D	03 Oct 2025 12:07	JC\MD	Ok,M
6	VN1003MBS01	VN088017.D	03 Oct 2025 12:40	JC\MD	Ok,M
7	Q3272-03	VN088018.D	03 Oct 2025 13:01	JC\MD	Not Ok
8	IBLK	VN088019.D	03 Oct 2025 13:21	JC\MD	Ok
9	IBLK	VN088020.D	03 Oct 2025 13:57	JC\MD	Ok
10	Q3274-01	VN088021.D	03 Oct 2025 14:17	JC\MD	Dilution
11	Q3274-02	VN088022.D	03 Oct 2025 14:38	JC\MD	Dilution
12	Q3224-02	VN088023.D	03 Oct 2025 14:59	JC\MD	Ok
13	IBLK	VN088024.D	03 Oct 2025 15:34	JC\MD	Ok
14	VN1003WBSD01	VN088025.D	03 Oct 2025 15:55	JC\MD	Ok,M
15	Q3274-02DL	VN088026.D	03 Oct 2025 16:16	JC\MD	Ok
16	Q3274-01DL	VN088027.D	03 Oct 2025 16:37	JC\MD	Ok,M
17	VSTDCCC050	VN088028.D	03 Oct 2025 16:58	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN092325

Review By	John Carlone	Review On	9/24/2025 8:10:38 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/26/2025 1:41:42 AM		
SubDirectory	VN092325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135592
Initial Calibration Stds	VP135674,VP135675,VP135676,VP135677,VP135678
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135679
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087922.D	23 Sep 2025 08:31		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN087923.D	23 Sep 2025 08:51	Not used	JC\MD	Not Ok
3	VSTDICC005	VSTDICC005	VN087924.D	23 Sep 2025 09:33		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN087925.D	23 Sep 2025 09:54	Spiked Low	JC\MD	Not Ok
5	VSTDICCC050	VSTDICCC050	VN087926.D	23 Sep 2025 10:15		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN087927.D	23 Sep 2025 10:36		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN087928.D	23 Sep 2025 10:56		JC\MD	Ok,M
8	IBLK	IBLK	VN087929.D	23 Sep 2025 11:17		JC\MD	Ok
9	VSTDICC020	VSTDICC020	VN087930.D	23 Sep 2025 11:47		JC\MD	Ok,M
10	VSTDICV050	ICVVN092325	VN087931.D	23 Sep 2025 15:08		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:24:42 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:28:46 AM		
SubDirectory	VN100325	HP Acquire Method		HP Processing Method	82N092325W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135737
Initial Calibration Stds	
CCC	VP135738,VP135739
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	VN088012.D	03 Oct 2025 09:34		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN088013.D	03 Oct 2025 10:17		JC\MD	Ok,M
3	VN1003MBL01	VN1003MBL01	VN088014.D	03 Oct 2025 10:50		JC\MD	Ok
4	VN1003WBL01	VN1003WBL01	VN088015.D	03 Oct 2025 11:11		JC\MD	Ok
5	VN1003WBS01	VN1003WBS01	VN088016.D	03 Oct 2025 12:07		JC\MD	Ok,M
6	VN1003MBS01	VN1003MBS01	VN088017.D	03 Oct 2025 12:40		JC\MD	Ok,M
7	Q3272-03	R7	VN088018.D	03 Oct 2025 13:01	Need Soil Run	JC\MD	Not Ok
8	IBLK	IBLK	VN088019.D	03 Oct 2025 13:21		JC\MD	Ok
9	IBLK	IBLK	VN088020.D	03 Oct 2025 13:57		JC\MD	Ok
10	Q3274-01	MW4	VN088021.D	03 Oct 2025 14:17	vial A pH<2 Need 10X	JC\MD	Dilution
11	Q3274-02	MW5	VN088022.D	03 Oct 2025 14:38	vial A pH<2 Need 5X	JC\MD	Dilution
12	Q3224-02	60490	VN088023.D	03 Oct 2025 14:59	vial A pH<2	JC\MD	Ok
13	IBLK	IBLK	VN088024.D	03 Oct 2025 15:34		JC\MD	Ok
14	VN1003WBSD01	VN1003WBSD01	VN088025.D	03 Oct 2025 15:55		JC\MD	Ok,M
15	Q3274-02DL	MW5DL	VN088026.D	03 Oct 2025 16:16	vial B pH<2	JC\MD	Ok
16	Q3274-01DL	MW4DL	VN088027.D	03 Oct 2025 16:37	vial B pH<2	JC\MD	Ok,M
17	VSTDCCC050	VSTDCCC050EC	VN088028.D	03 Oct 2025 16:58		JC\MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3274
COC Number 2047918

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: ANN
PROJECT NO.: LOCATION:
PROJECT MANAGER: GV
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G ENVIRONMENTAL PO#:
ADDRESS: 8 CARRIAGE
CITY SUCCASUNNA STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: TCL VOCs 2: TCL BNAs (NO phenols) (NO SIMS) 3: 4: 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
									HCl								← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW4	GW		X	10/1/25	1350	4		X	X							
2.	MW5	GW		X	10/1/25	1430	2		X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10/2/25 1540	1.
2.	DATE/TIME:	2.
3.	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: LP Grp #1

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

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

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

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3274 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 10/2/2025 3:37:00 PM
Project Name : ANN
Receive DateTime : 10/2/2025 3:40:00 PM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3274-01	MW4	Water	10/01/2025	13:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3274-02	MW5	Water	10/01/2025	14:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

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

Received By : Sam
Date / Time : 10/03/25 8:10 Night 5

Storage Area : VOA Refridgerator Room