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Cover Page

Order ID : Q3108

Project ID : 61 Laurel Street

Client : G Environmental

Lab Sample Number	Client Sample Number
Q3108-01	MW2

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

Signature : _____

Date: 9/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: 61 Laurel Street
Project # N/A
Order ID # Q3108
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 09/16/2025.

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

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

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

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

The %RSD is greater than 20% in the Initial Calibration method (82N082125W.M) for Methylene Chloride passing on Linear regression.

The Continuous Calibration File ID VN087847.D met the requirements except for Bromochloromethane and Bromoform are failing high but no positive hit in associate sample while 4-Bromofluorobenzene and Dibromofluoromethane are failing high which are not our target compound, therefore no corrective action taken.

The Tuning criteria met requirements.

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

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Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____

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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 #: **Q3108**

	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:** **09/25/2025**

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LAB CHRONICLE

OrderID:	Q3108	**OrderDate:**	9/16/2025 10:59:00 AM
Client:	G Environmental	**Project:**	61 Laurel Street
Contact:	Gary Landis	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3108-01	**MW2**	**Water**			**09/15/25**			**09/16/25**
			VOCMS Group1	8260-Low			09/16/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3108

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q3108-01	MW2	Water	Cyclohexane		38.6		1.50	5.00	ug/L
Q3108-01	MW2	Water	Methylcyclohexane		20.1		0.16	1.00	ug/L
Q3108-01	MW2	Water	Benzene		0.90	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	Toluene		10.1		0.14	1.00	ug/L
Q3108-01	MW2	Water	Ethyl Benzene		67.7		0.13	1.00	ug/L
Q3108-01	MW2	Water	m/p-Xylenes		110		0.24	2.00	ug/L
Q3108-01	MW2	Water	o-Xylene		45.2		0.12	1.00	ug/L
Q3108-01	MW2	Water	Isopropylbenzene		19.7		0.12	1.00	ug/L
			Total Voc :		312				
Q3108-01	MW2	Water	Butane, 2-methyl-	*	48.0	J	0	0	ug/L
Q3108-01	MW2	Water	Butane, 2,3-dimethyl-	*	13.7	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 3-methyl-	*	35.9	J	0	0	ug/L
Q3108-01	MW2	Water	Cyclopentane, methyl-	*	54.5	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2-methyl-	*	46.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane	*	24.4	J	0	0	ug/L
Q3108-01	MW2	Water	Pentane, 2,3-dimethyl-	*	14.0	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 1-ethyl-2-methyl-	*	38.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	19.2	J	0	0	ug/L
Q3108-01	MW2	Water	Benzene, 2-ethenyl-1,4-dimeth	*	25.7	J	0	0	ug/L
Q3108-01	MW2	Water	n-propylbenzene	*	61.2	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	1,3,5-Trimethylbenzene	*	40.8	J	0.15	1.00	ug/L
Q3108-01	MW2	Water	1,2,4-Trimethylbenzene	*	150	J	0.14	1.00	ug/L
Q3108-01	MW2	Water	sec-Butylbenzene	*	3.90	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	p-Isopropyltoluene	*	1.40	J	0.13	1.00	ug/L
Q3108-01	MW2	Water	n-Butylbenzene	*	5.10	J	0.15	1.00	ug/L
			Total Tics :		582				
			Total Concentration:		895				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3108

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3108-01	MW2	1,2-Dichloroethane-d4	50	48.2	96		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
VN0916WBL01	VN0916WBL01	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	47.1	94		86	113
		4-Bromofluorobenzene	50	45.7	91		77	121
VN0916WBS01	VN0916WBS01	1,2-Dichloroethane-d4	50	44.1	88		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	45.0	90		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121
VN0916WBSD0	VN0916WBSD01	1,2-Dichloroethane-d4	50	43.5	87		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	45.6	91		86	113
		4-Bromofluorobenzene	50	46.4	93		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3108**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	Dichlorodifluoromethane	20	18.5	ug/L	93			69	116	
	Chloromethane	20	19.0	ug/L	95			65	116	
	Vinyl chloride	20	17.9	ug/L	90			65	117	
	Bromomethane	20	19.8	ug/L	99			58	125	
	Chloroethane	20	18.1	ug/L	91			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92			80	112	
	Tert butyl alcohol	100	90.0	ug/L	90			48	142	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acetone	100	75.9	ug/L	76			60	125	
	Carbon disulfide	20	19.4	ug/L	97			64	112	
	Methyl tert-butyl Ether	20	18.0	ug/L	90			78	114	
	Methyl Acetate	20	19.6	ug/L	98			67	125	
	Methylene Chloride	20	19.2	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	108	
	1,1-Dichloroethane	20	18.0	ug/L	90			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	87.0	ug/L	87			65	122	
	Carbon Tetrachloride	20	19.2	ug/L	96			77	113	
	cis-1,2-Dichloroethene	20	19.4	ug/L	97			77	110	
	Bromochloromethane	20	17.9	ug/L	90			70	124	
	Chloroform	20	18.9	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			80	108	
	Methylcyclohexane	20	17.4	ug/L	87			72	115	
	Benzene	20	19.1	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.1	ug/L	91			80	115	
	Trichloroethene	20	18.9	ug/L	95			77	113	
	1,2-Dichloropropane	20	18.4	ug/L	92			83	111	
	Bromodichloromethane	20	19.1	ug/L	96			83	110	
	4-Methyl-2-Pentanone	100	92.8	ug/L	93			74	118	
	Toluene	20	18.6	ug/L	93			82	110	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			83	112	
	2-Hexanone	100	90.1	ug/L	90			73	117	
	Dibromochloromethane	20	18.9	ug/L	95			82	110	
	1,2-Dibromoethane	20	19.0	ug/L	95			81	110	
	Tetrachloroethene	20	19.2	ug/L	96			67	123	
	Chlorobenzene	20	19.2	ug/L	96			82	109	
	Ethyl Benzene	20	18.2	ug/L	91			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.8	ug/L	94			83	109	
	Styrene	20	18.8	ug/L	94			80	111	
	Bromoform	20	21.0	ug/L	105			79	109	
	Isopropylbenzene	20	16.7	ug/L	84			83	112	
	1,1,2,2-Tetrachloroethane	20	17.5	ug/L	88			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			82	107	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087850.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBS01	1,2-Dichlorobenzene	20	17.9	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	18.0	ug/L	90			75	113	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3108**	**Analytical Method:**	**SW8260-Low**
Client:	**G Environmental**	**Datafile :**	VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	Dichlorodifluoromethane	20	19.0	ug/L	95	2		69	116	19
	Chloromethane	20	18.4	ug/L	92	3		65	116	21
	Vinyl chloride	20	18.4	ug/L	92	2		65	117	19
	Bromomethane	20	19.5	ug/L	98	1		58	125	20
	Chloroethane	20	16.9	ug/L	85	7		56	128	20
	Trichlorofluoromethane	20	19.7	ug/L	99	2		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	1		80	112	15
	Tert butyl alcohol	100	92.9	ug/L	93	3		48	142	30
	1,1-Dichloroethene	20	17.6	ug/L	88	3		74	110	20
	Acetone	100	71.9	ug/L	72	5		60	125	20
	Carbon disulfide	20	18.7	ug/L	94	3		64	112	20
	Methyl tert-butyl Ether	20	17.0	ug/L	85	6		78	114	20
	Methyl Acetate	20	18.6	ug/L	93	5		67	125	20
	Methylene Chloride	20	18.4	ug/L	92	4		72	114	20
	trans-1,2-Dichloroethene	20	17.6	ug/L	88	4		75	108	16
	1,1-Dichloroethane	20	17.5	ug/L	88	2		78	112	20
	Cyclohexane	20	18.1	ug/L	91	2		75	110	20
	2-Butanone	100	84.2	ug/L	84	4		65	122	26
	Carbon Tetrachloride	20	19.7	ug/L	99	3		77	113	15
	cis-1,2-Dichloroethene	20	18.2	ug/L	91	6		77	110	20
	Bromochloromethane	20	17.4	ug/L	87	3		70	124	20
	Chloroform	20	18.0	ug/L	90	5		79	113	20
	1,1,1-Trichloroethane	20	18.1	ug/L	91	3		80	108	20
	Methylcyclohexane	20	18.5	ug/L	93	7		72	115	20
	Benzene	20	18.9	ug/L	95	1		82	109	15
	1,2-Dichloroethane	20	18.0	ug/L	90	1		80	115	20
	Trichloroethene	20	19.8	ug/L	99	4		77	113	15
	1,2-Dichloropropane	20	18.4	ug/L	92	0		83	111	16
	Bromodichloromethane	20	19.2	ug/L	96	0		83	110	16
	4-Methyl-2-Pentanone	100	92.1	ug/L	92	1		74	118	25
	Toluene	20	18.7	ug/L	94	1		82	110	16
	t-1,3-Dichloropropene	20	18.3	ug/L	92	2		79	110	20
	cis-1,3-Dichloropropene	20	17.9	ug/L	90	4		82	110	16
	1,1,2-Trichloroethane	20	20.1	ug/L	101	4		83	112	20
	2-Hexanone	100	89.5	ug/L	90	0		73	117	25
	Dibromochloromethane	20	19.1	ug/L	96	1		82	110	20
	1,2-Dibromoethane	20	18.6	ug/L	93	2		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	3		67	123	15
	Chlorobenzene	20	19.0	ug/L	95	1		82	109	15
	Ethyl Benzene	20	18.7	ug/L	94	3		83	109	16
	m/p-Xylenes	40	39.2	ug/L	98	4		82	110	15
	o-Xylene	20	19.5	ug/L	98	4		83	109	20
	Styrene	20	19.0	ug/L	95	1		80	111	17
	Bromoform	20	21.1	ug/L	106	1		79	109	20
	Isopropylbenzene	20	17.4	ug/L	87	4		83	112	29
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93	6		76	118	20
	1,3-Dichlorobenzene	20	18.8	ug/L	94	4		82	108	20
	1,4-Dichlorobenzene	20	18.2	ug/L	91	0		82	107	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VN087851.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0916WBSD01	1,2-Dichlorobenzene	20	19.3	ug/L	97	7		82	109	20
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	4		68	112	20
	1,2,4-Trichlorobenzene	20	19.0	ug/L	95	5		75	113	29
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93	4		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0916WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: VN087849.D | Lab Sample ID: VN0916WBL01

Date Analyzed: 09/16/2025 | Time Analyzed: 15:04

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
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025
MW2	Q3108-01	VN087853.D	09/16/2025

COMMENTS:

Raw Data: **VN087614.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3108
Lab File ID: VN087614.D
BFB Injection Date: 08/21/2025
Instrument ID: MSVOA_N
BFB Injection Time: 09:30
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	25.8
75	30.0 - 60.0% of mass 95	58.1
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	69
175	5.0 - 9.0% of mass 174	5.6 (8.1) 1
176	95.0 - 101.0% of mass 174	67.7 (98.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087619.D	08/21/2025	12:09
VSTDICC005	VSTDICC005	VN087620.D	08/21/2025	13:08
VSTDICC020	VSTDICC020	VN087621.D	08/21/2025	13:41
VSTDICCC050	VSTDICCC050	VN087622.D	08/21/2025	14:02
VSTDICC100	VSTDICC100	VN087623.D	08/21/2025	14:23
VSTDICC150	VSTDICC150	VN087624.D	08/21/2025	14:44

Raw Data: **VN087846.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q3108
Lab File ID: VN087846.D
BFB Injection Date: 09/16/2025
Instrument ID: MSVOA_N
BFB Injection Time: 11:25
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	22.6
75	30.0 - 60.0% of mass 95	55.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.2
175	5.0 - 9.0% of mass 174	4.5 (6.2) 1
176	95.0 - 101.0% of mass 174	70.1 (97.1) 1
177	5.0 - 9.0% of mass 176	4.5 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087847.D	09/16/2025	13:55
VN0916WBL01	VN0916WBL01	VN087849.D	09/16/2025	15:04
VN0916WBS01	VN0916WBS01	VN087850.D	09/16/2025	15:25
VN0916WBSD01	VN0916WBSD01	VN087851.D	09/16/2025	15:46
MW2	Q3108-01	VN087853.D	09/16/2025	16:29

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

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	239136	8.21	433645	9.08	409197	11.85
UPPER LIMIT	478272	8.706	867290	9.583	818394	12.347
LOWER LIMIT	119568	7.706	216823	8.583	204599	11.347
EPA SAMPLE NO.						
MW2	185269	8.21	420719	9.08	413257	11.85
VN0916WBL01	184438	8.21	413572	9.08	397360	11.85
VN0916WBS01	212441	8.21	416535	9.08	384629	11.85
VN0916WBSD01	229272	8.21	433869	9.08	392898	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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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: VN087847.D Date Analyzed: 09/16/2025

Instrument ID: MSVOA_N Time Analyzed: 13:55

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

	IS4 AREA #	RT #				
12 HOUR STD	226483	13.77				
UPPER LIMIT	452966	14.27				
LOWER LIMIT	113242	13.27				
EPA SAMPLE NO.						
MW2	214606	13.77				
VN0916WBL01	180365	13.77				
VN0916WBS01	210239	13.77				
VN0916WBSD01	209579	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: **VN087853.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:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	38.6		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.16	1.00	ug/L
71-43-2	Benzene	0.90	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VN087853.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:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	10.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	67.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	2.00	ug/L
95-47-6	o-Xylene	45.2		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	8.206			
540-36-3	1,4-Difluorobenzene	421000	9.083			
3114-55-4	Chlorobenzene-d5	413000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

Raw Data: **VN087853.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:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087853.D	1	09/16/25 16:29	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	48.0	J		3.27	ug/L
000109-66-0	Pentane	24.4	J		3.65	ug/L
000079-29-8	Butane, 2,3-dimethyl-	13.7	J		5.26	ug/L
000107-83-5	Pentane, 2-methyl-	46.4	J		5.33	ug/L
000096-14-0	Pentane, 3-methyl-	35.9	J		5.80	ug/L
000096-37-7	Cyclopentane, methyl-	54.5	J		7.31	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.0	J		8.31	ug/L
103-65-1	n-propylbenzene	61.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	40.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	38.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	150	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.90	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.40	J		13.7	ug/L
104-51-8	n-Butylbenzene	5.10	J		14.0	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	19.2	J		14.3	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	25.7	J		15.0	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: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	185269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	420719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	413257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	183121	48.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.480%			
35) Dibromofluoromethane	8.147	113	153469	50.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.040%			
50) Toluene-d8	10.547	98	555814	48.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.829	95	202863	50.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.340%			
Target Compounds						Qvalue
31) Cyclohexane	8.236	56	184130	38.565	ug/l #	96
39) Methylcyclohexane	9.582	83	103304	20.135	ug/l	98
40) Benzene	8.594	78	12906	0.903	ug/l #	81
52) Toluene	10.606	92	89671	10.120	ug/l	99
67) Ethyl Benzene	11.941	91	1205763	67.735	ug/l	100
68) m/p-Xylenes	12.047	106	726410	111.268	ug/l	96
69) o-Xylene	12.376	106	289309	45.220	ug/l	100
73) Isopropylbenzene	12.671	105	341010	19.664	ug/l	100
78) n-propylbenzene	13.012	91	1306539	61.166	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	599688	40.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	2248350	152.671	ug/l	99
85) sec-Butylbenzene	13.594	105	71233	3.916	ug/l #	69
86) p-Isopropyltoluene	13.706	119	20461	1.362	ug/l #	75
89) n-Butylbenzene	14.035	91	75518m	5.062	ug/l	

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

Sample Results: **VN087853.D**

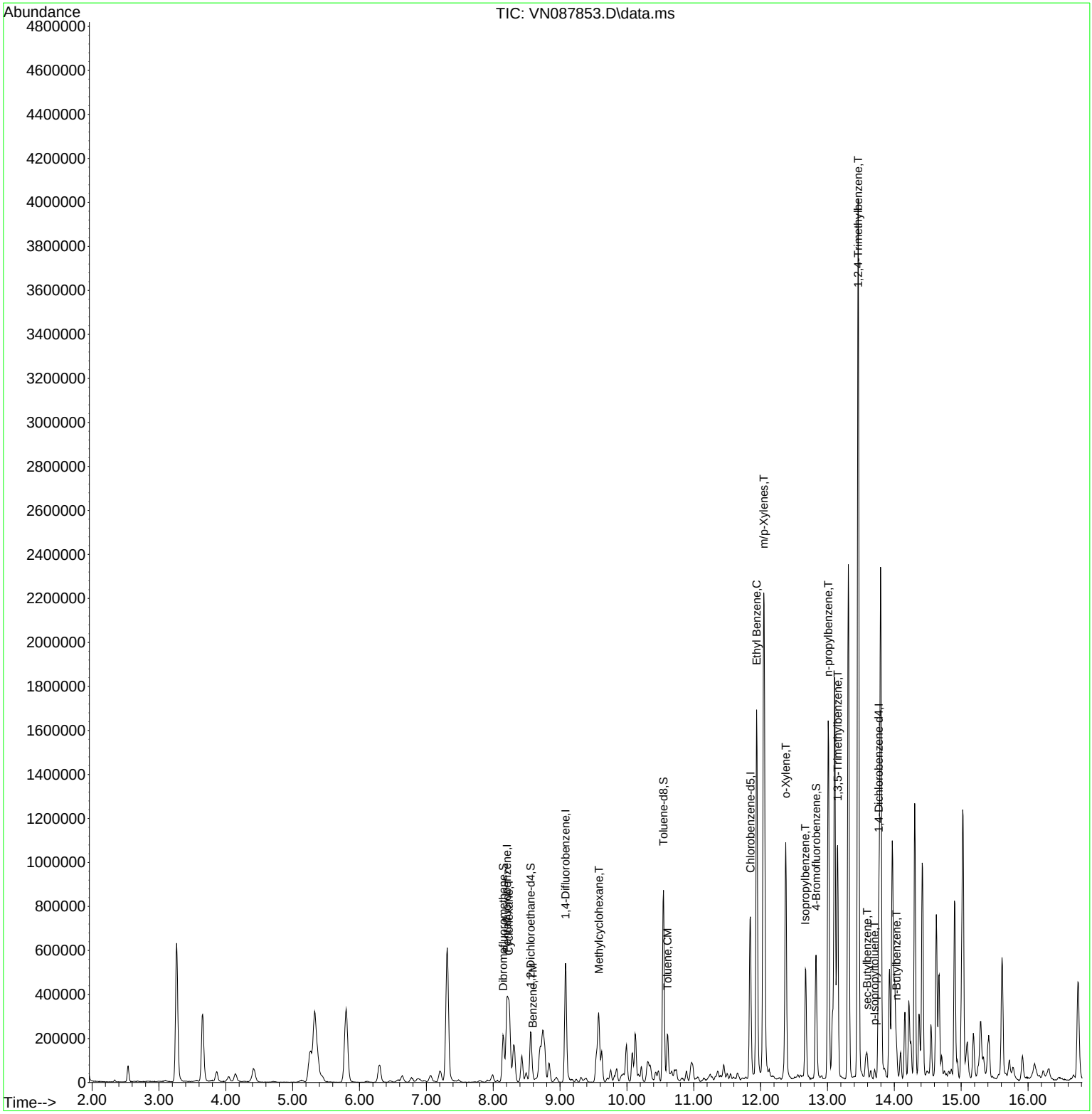
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

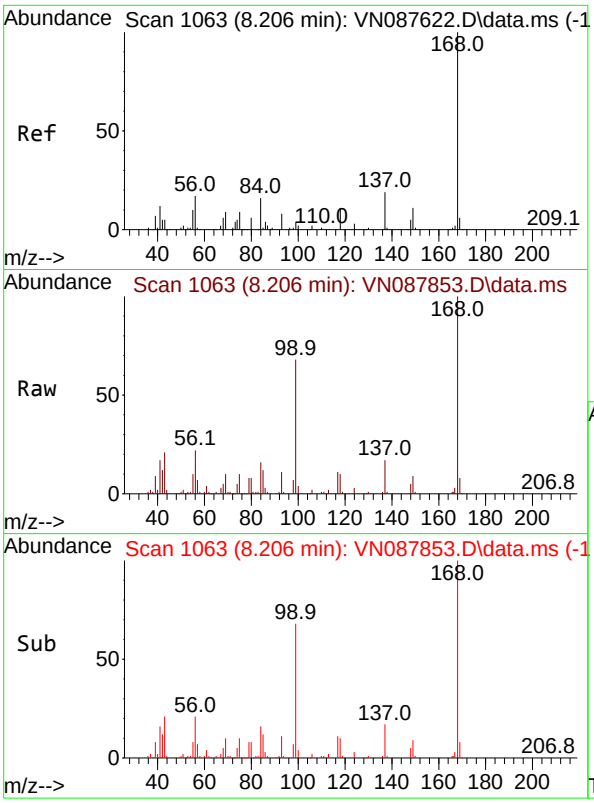
Quant Time: Sep 17 01:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

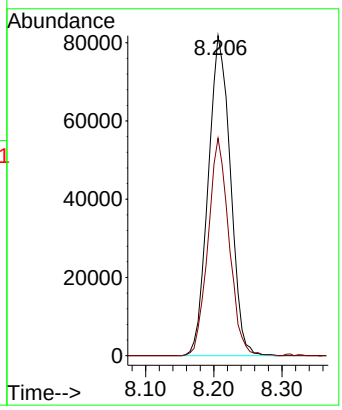
Tgt Ion:168 Resp: 18526

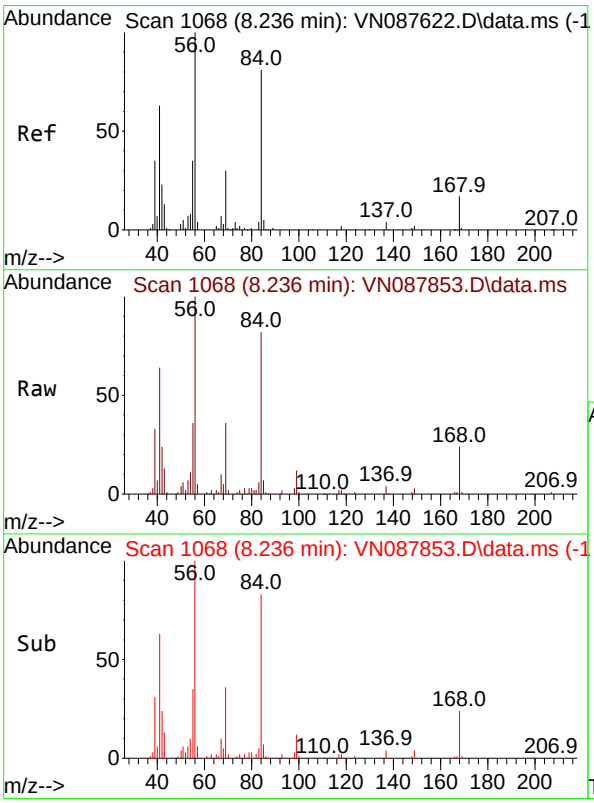
Ion	Ratio	Lower	Upper
168	100		
99	68.0	57.2	85.8

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

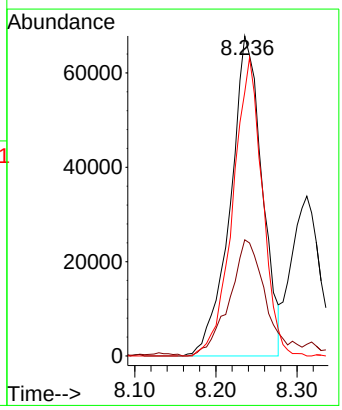


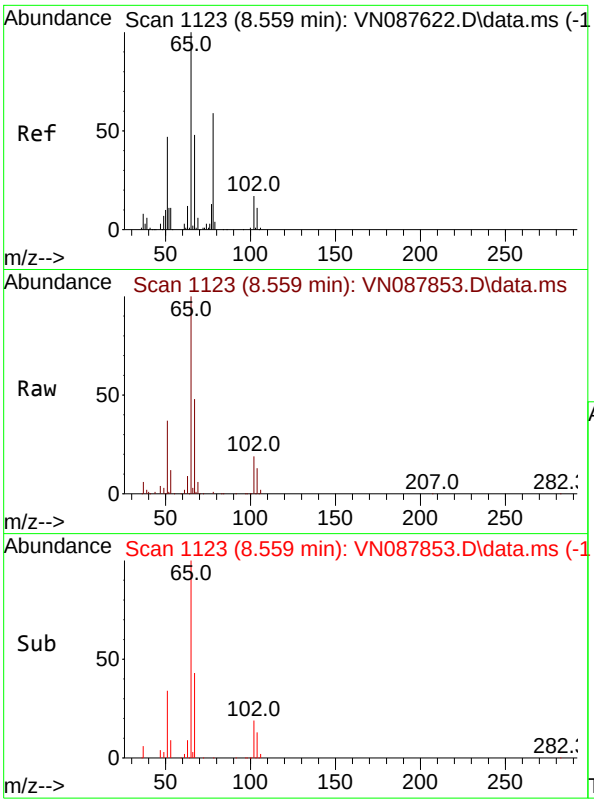


#31
Cyclohexane
Concen: 38.565 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 56 Resp: 184130

Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.7	35.5#
84	82.4	64.7	97.1





#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

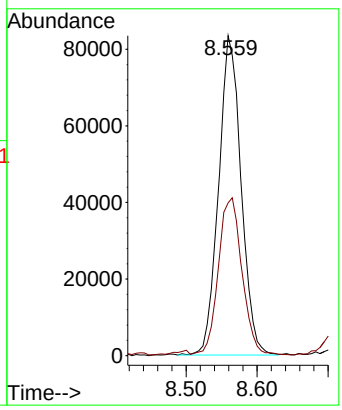
Tgt Ion: 65 Resp: 18312

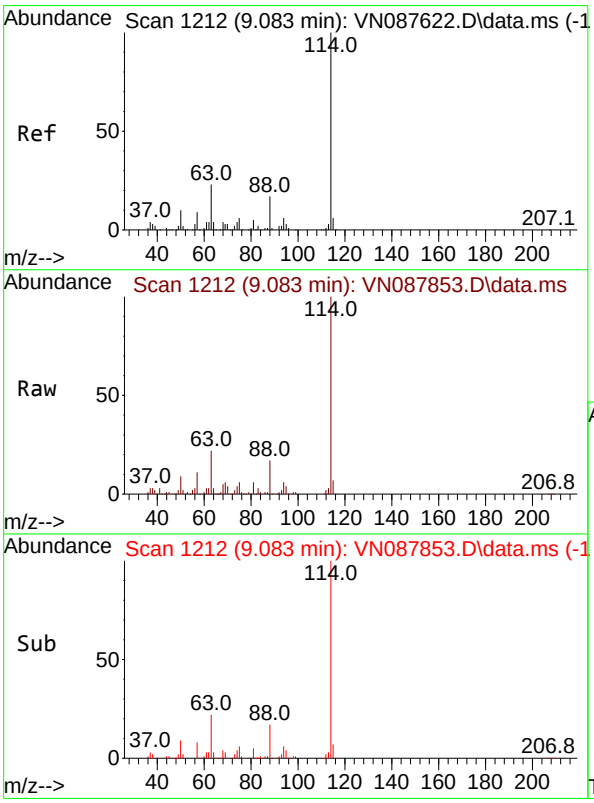
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.0

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

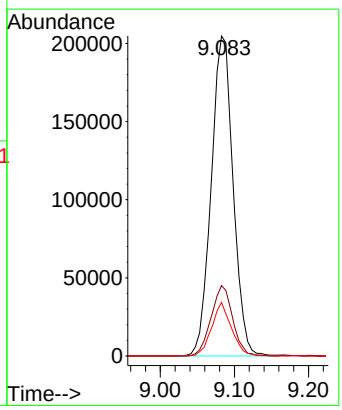


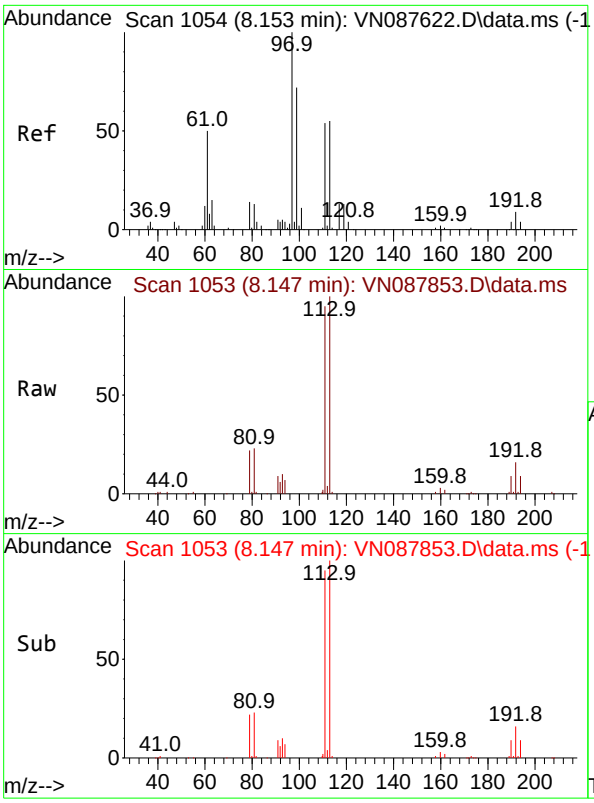


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:114 Resp: 420719

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	16.7	0.0	33.4

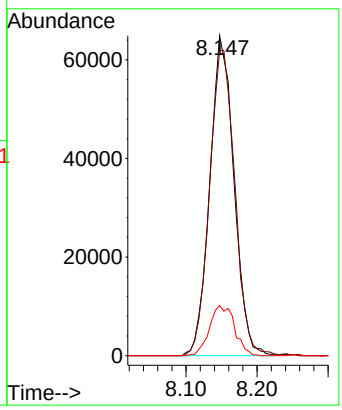




#35
Dibromofluoromethane
Concen: 50.523 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:113 Resp: 153469

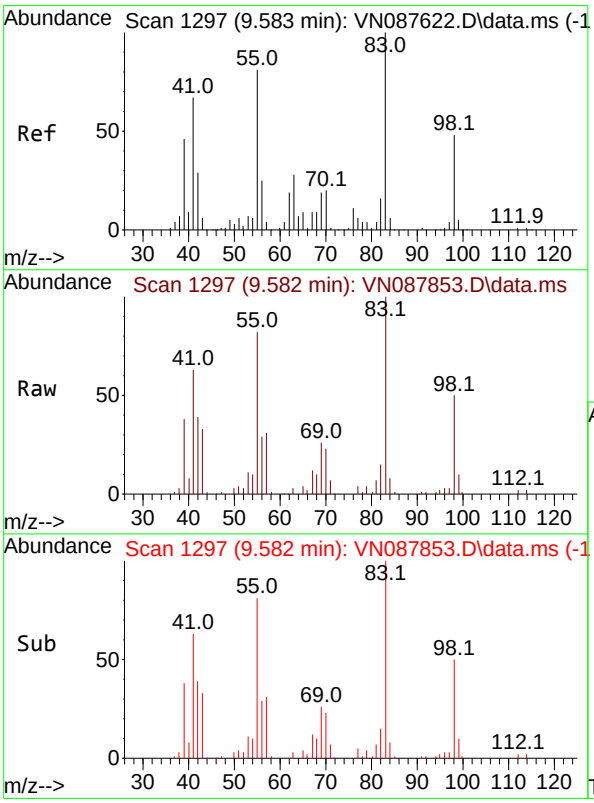
Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.8	124.2
192	16.3	12.8	19.2



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

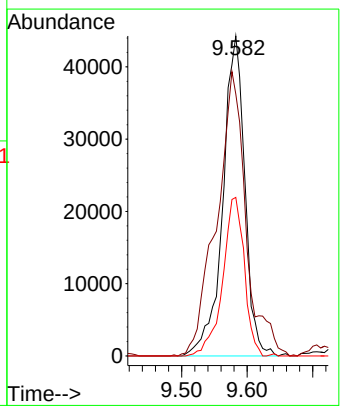
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

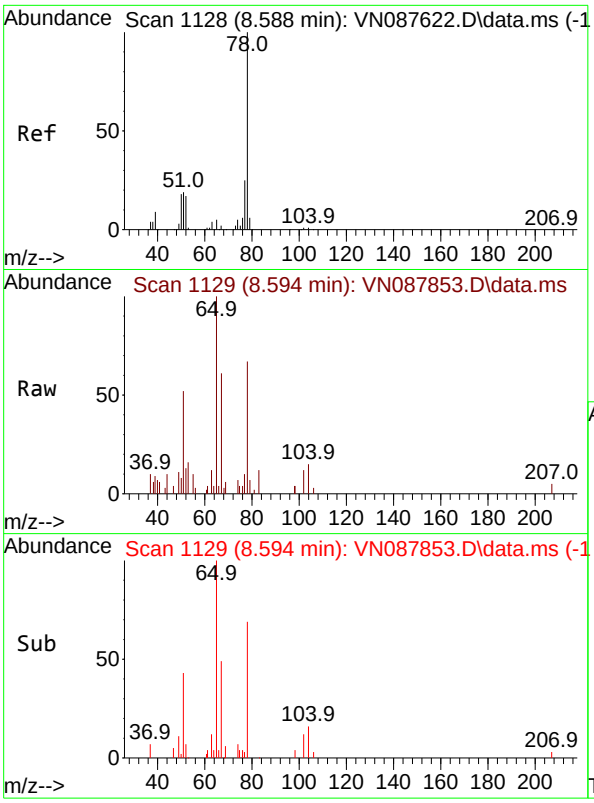


#39
Methylcyclohexane
Concen: 20.135 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 83 Resp: 103304

Ion	Ratio	Lower	Upper
83	100		
55	81.9	64.6	96.8
98	49.6	38.4	57.6





#40
Benzene
Concen: 0.903 ug/l
RT: 8.594 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 78 Resp: 1290

Ion	Ratio	Lower	Upper
78	100		
77	15.1	19.7	29.5

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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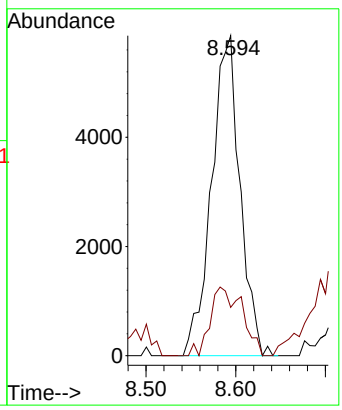
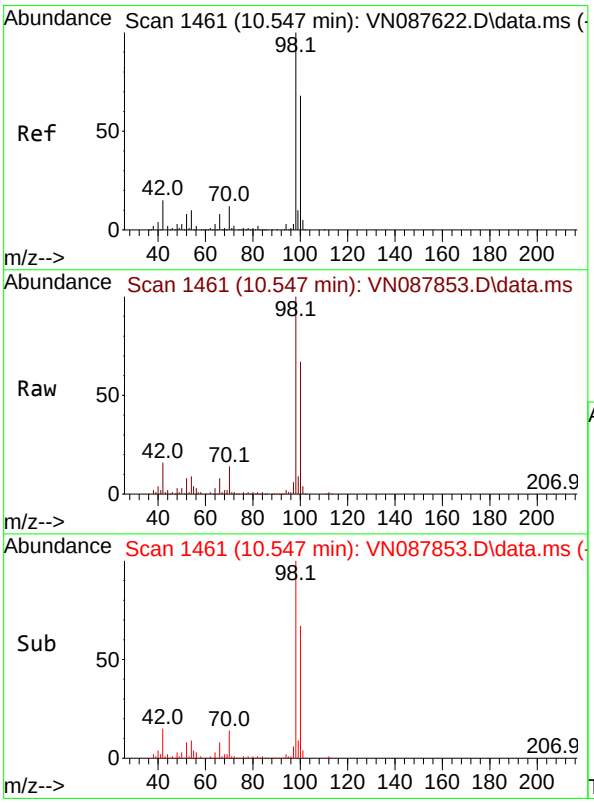
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

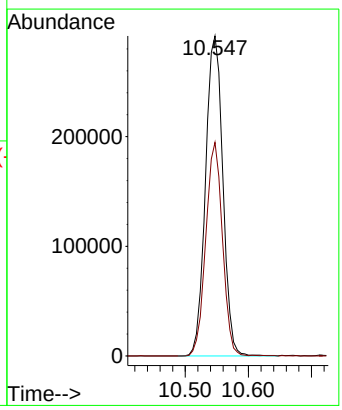


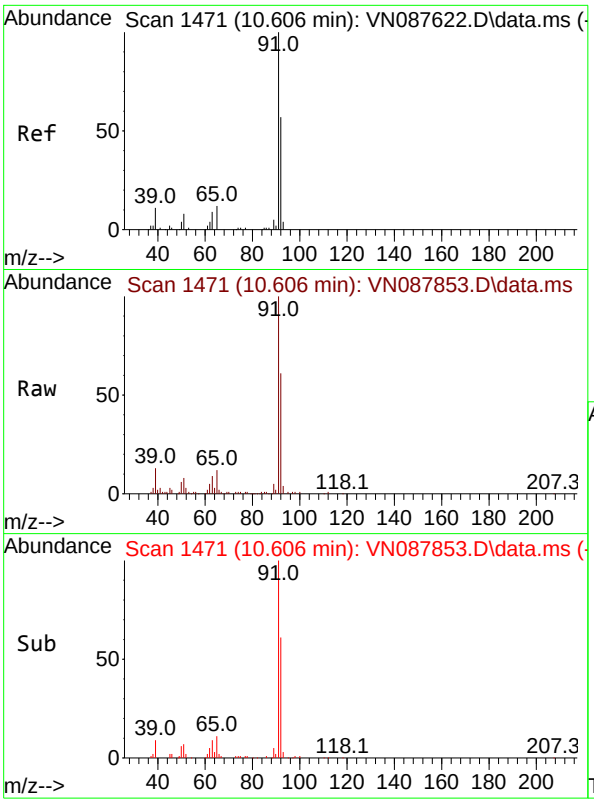


#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 98 Resp: 555814

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.8	79.2





#52
Toluene
Concen: 10.120 ug/l
RT: 10.606 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 92 Resp: 8967

Ion	Ratio	Lower	Upper
92	100		
91	177.1	140.4	210.6

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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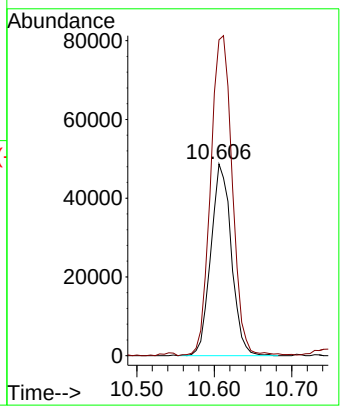
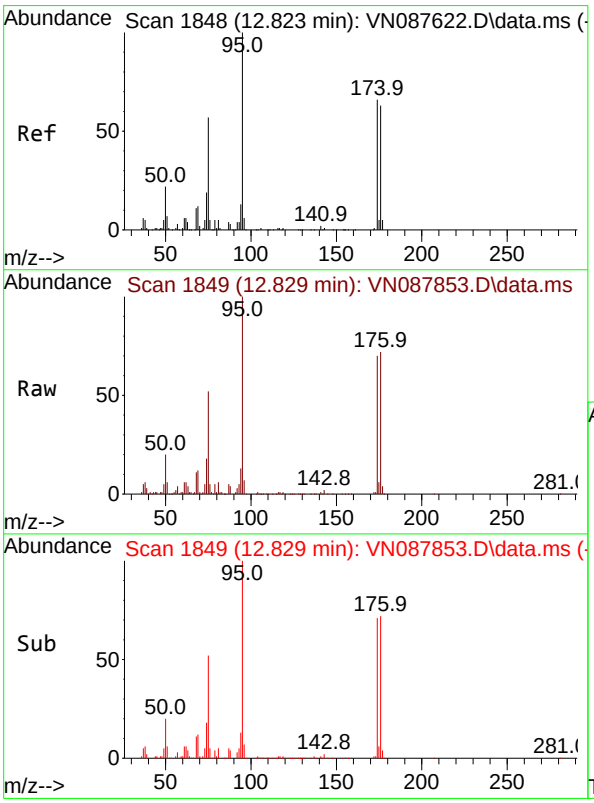
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

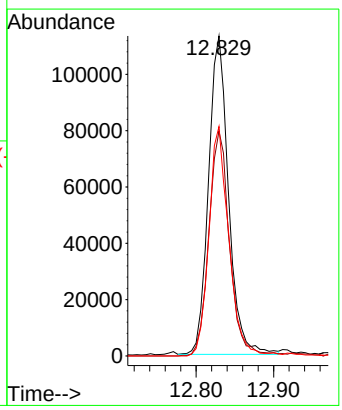


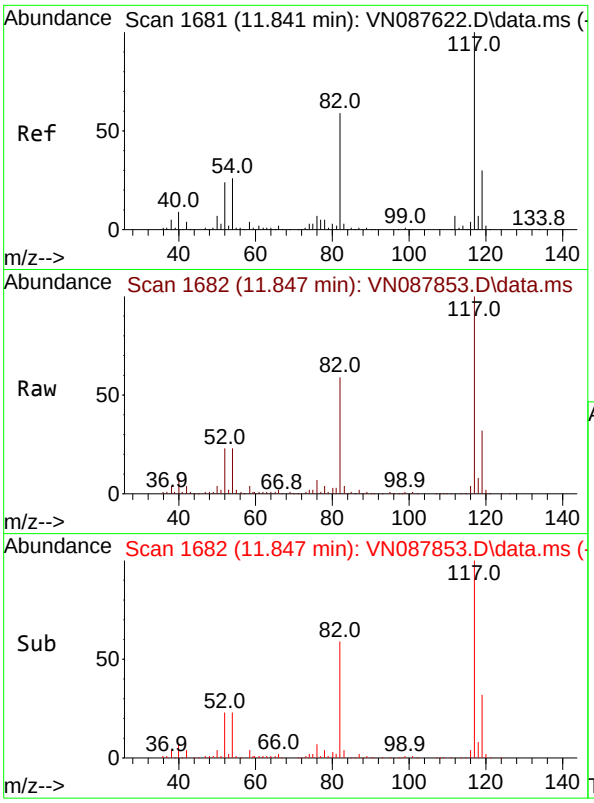


#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 95 Resp: 202863

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	138.4
176	71.3	0.0	132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :
MW2

Tgt Ion:117 Resp: 41325

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.9	24.3	36.5

Manual Integrations
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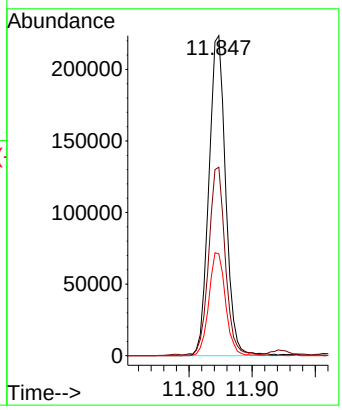
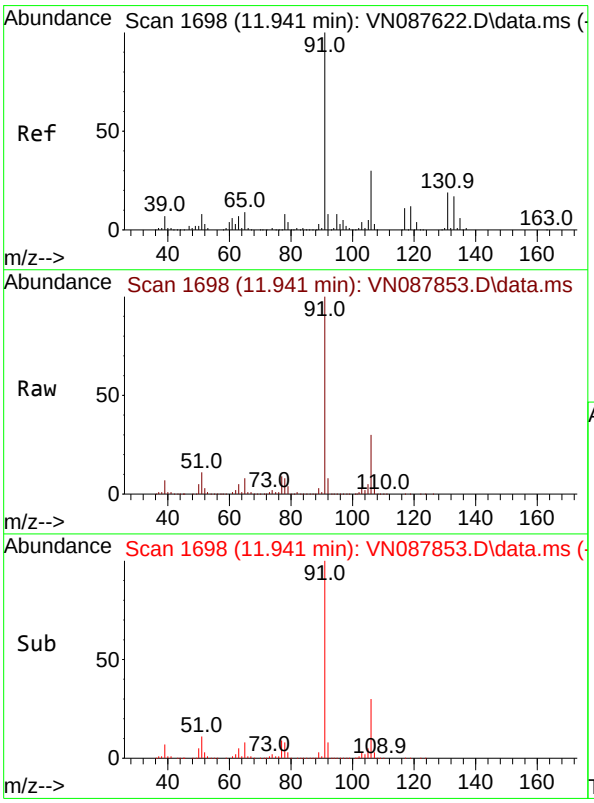
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

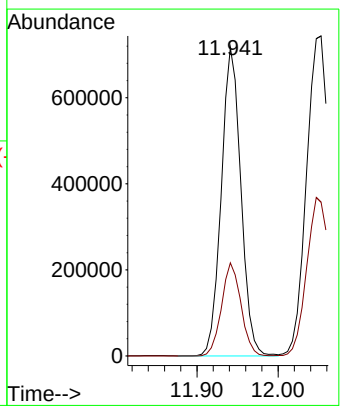


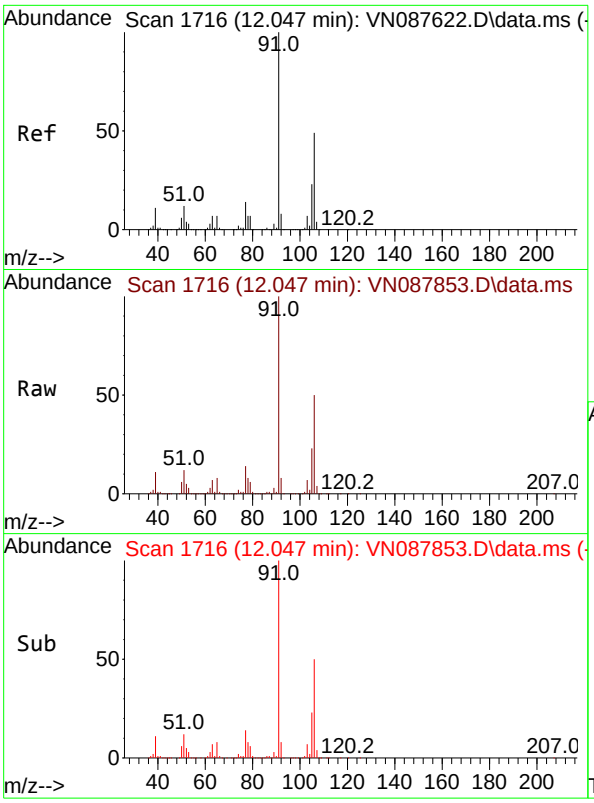


#67
Ethyl Benzene
Concen: 67.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 1205763

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1





#68
m/p-Xylenes
Concen: 111.268 ug/l
RT: 12.047 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 72641

Ion	Ratio	Lower	Upper
106	100		
91	205.8	169.3	253.9

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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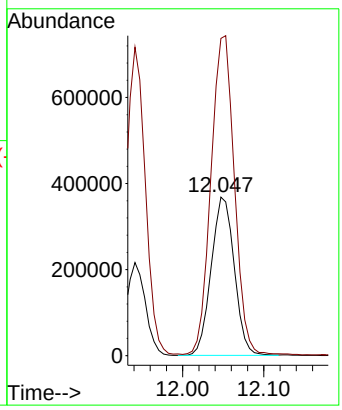
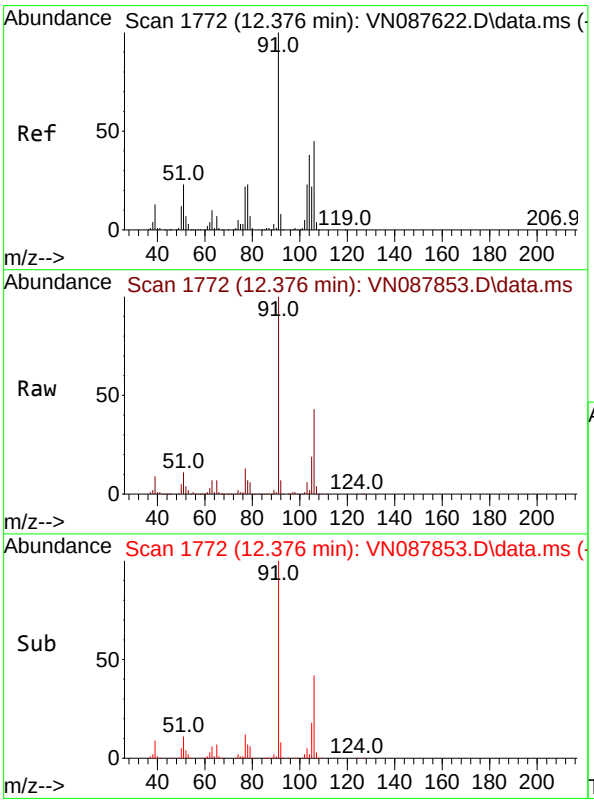
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

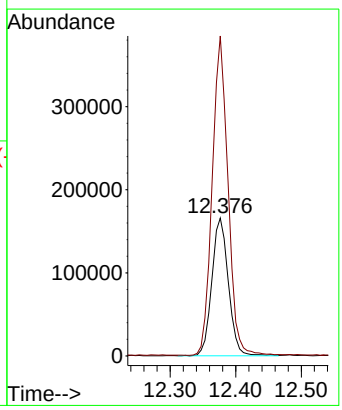


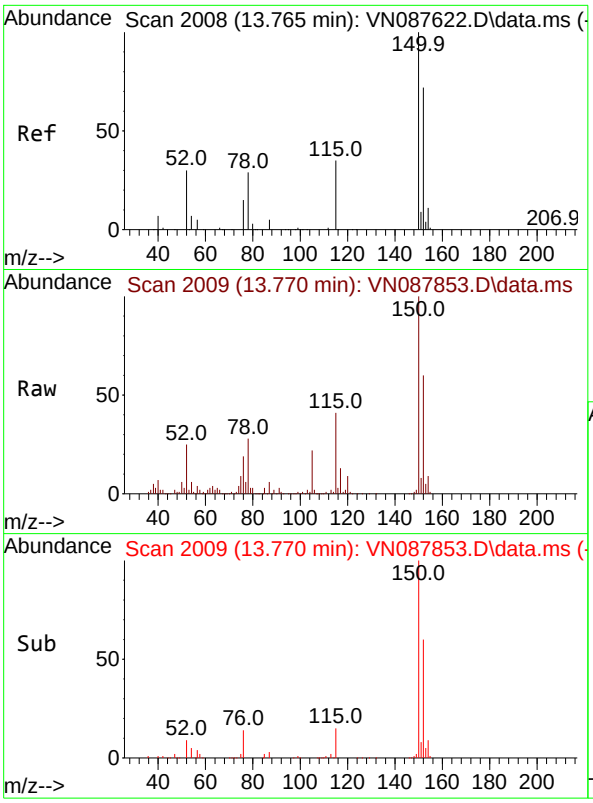


#69
o-Xylene
Concen: 45.220 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 289309

Ion	Ratio	Lower	Upper
106	100		
91	222.4	111.4	334.2

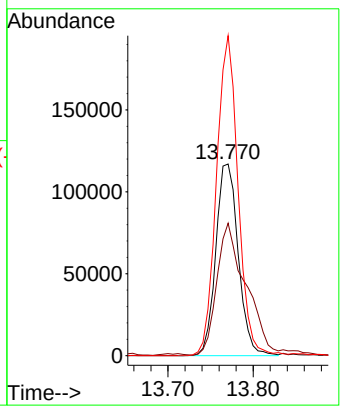




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:152 Resp: 21460

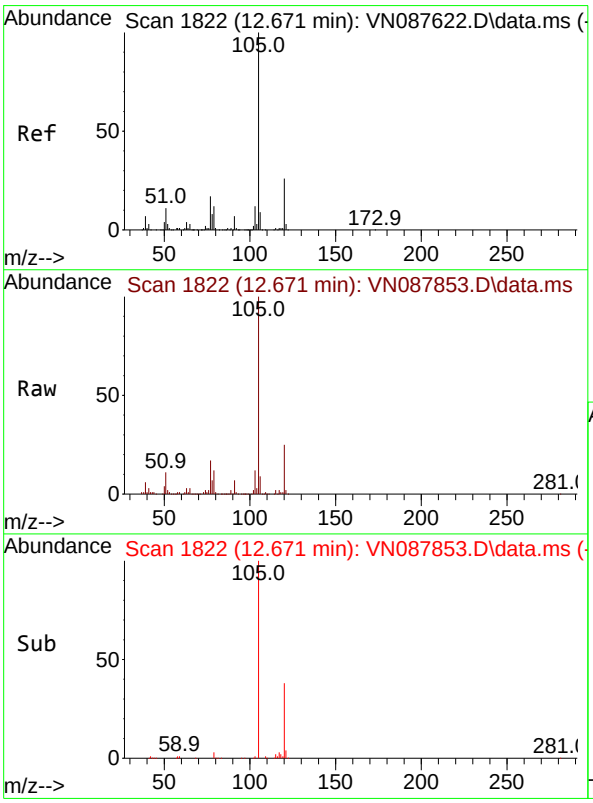
Ion	Ratio	Lower	Upper
152	100		
115	91.5	32.3	96.8
150	160.4	0.0	351.0



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

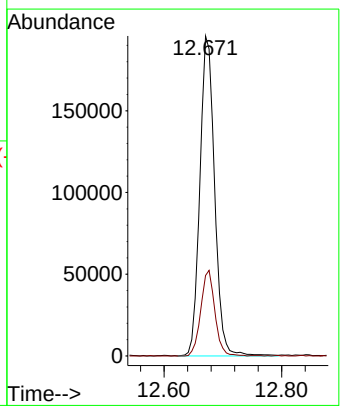
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

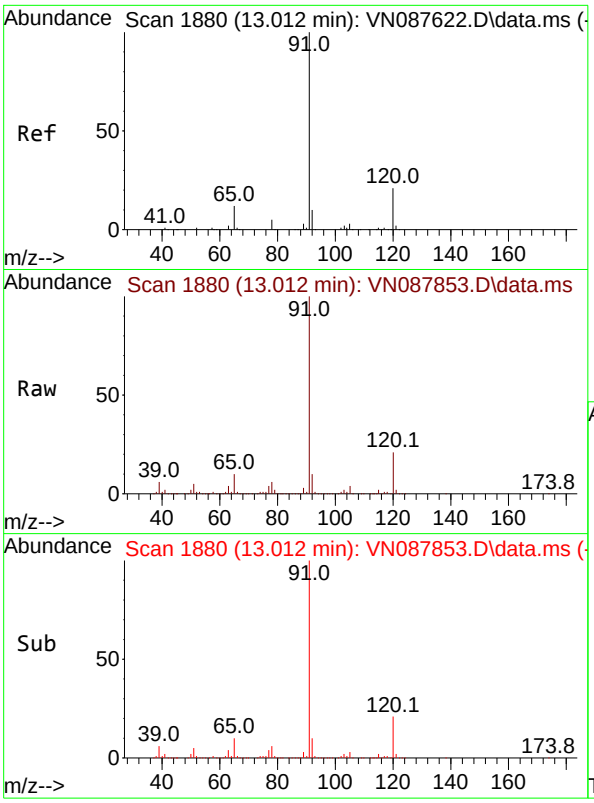


#73
Isopropylbenzene
Concen: 19.664 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 341010

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3





#78
n-propylbenzene
Concen: 61.166 ug/l
RT: 13.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

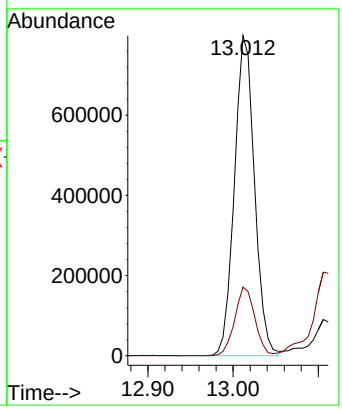
Tgt Ion: 91 Resp: 130653

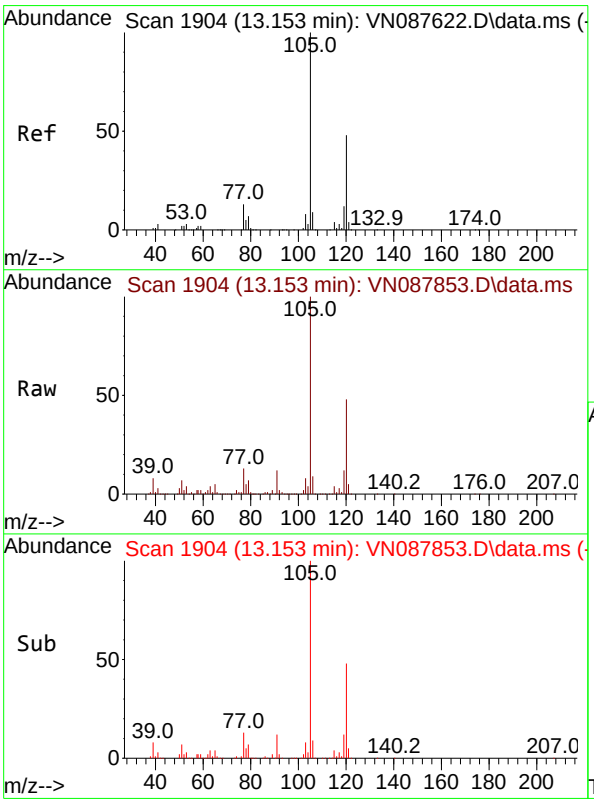
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.7	32.1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

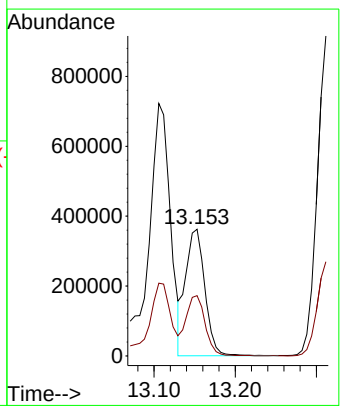


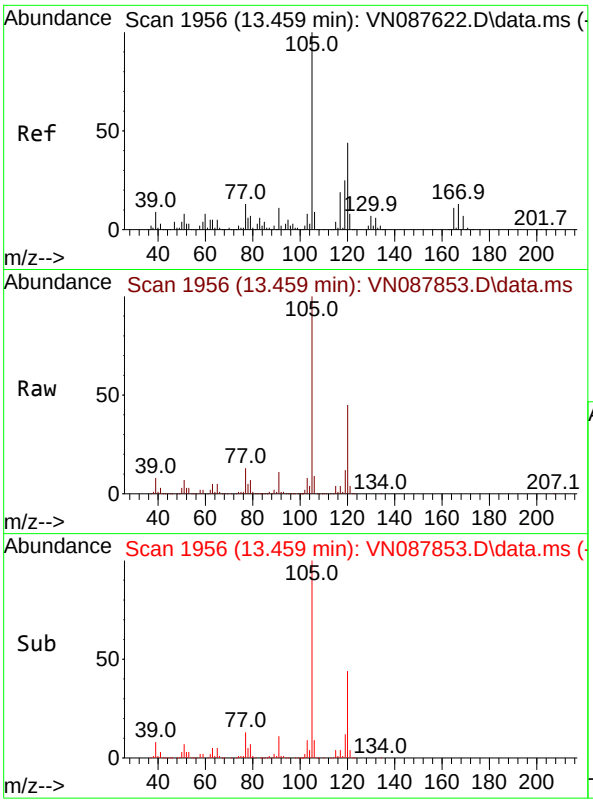


#80
1,3,5-Trimethylbenzene
Concen: 40.764 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 599688

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6





#84
1,2,4-Trimethylbenzene
Concen: 152.671 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 224835

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0

Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
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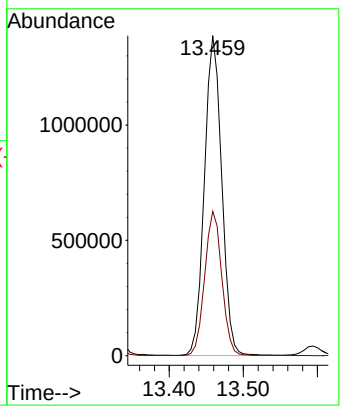
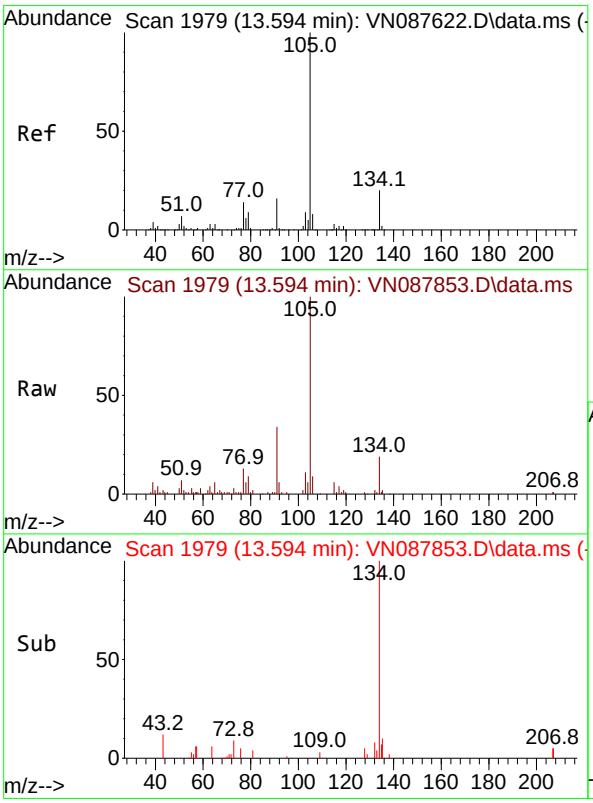
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

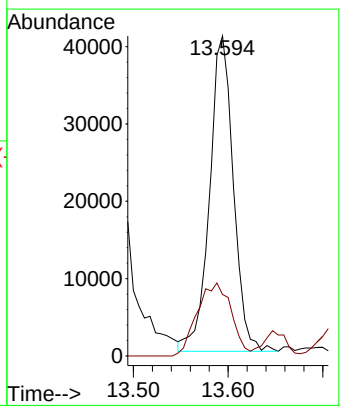


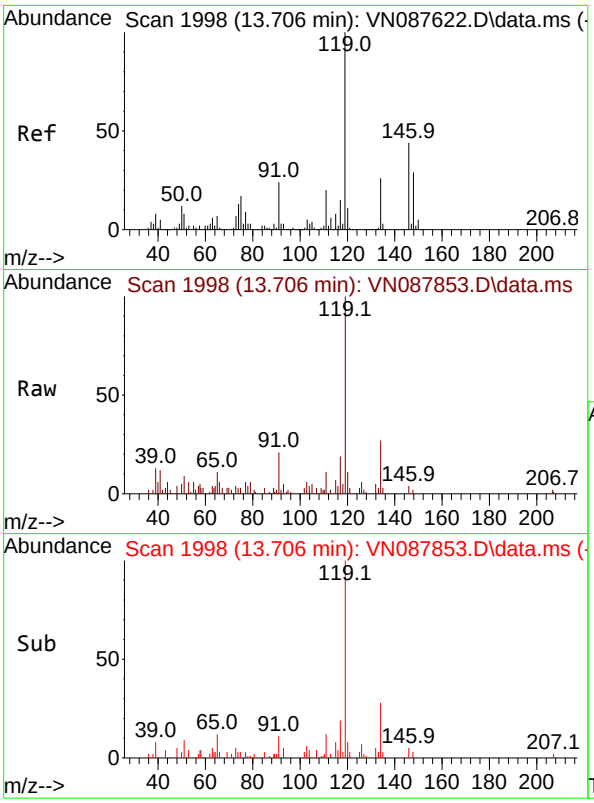


#85
sec-Butylbenzene
Concen: 3.916 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:105 Resp: 71233

Ion	Ratio	Lower	Upper
105	100		
134	33.1	9.6	28.6#

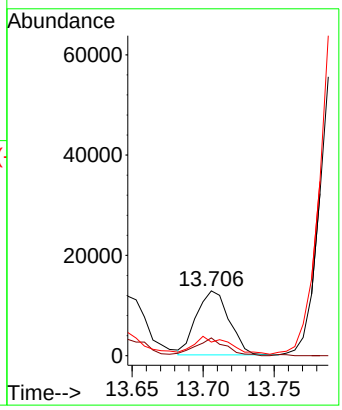




#86
p-Isopropyltoluene
Concen: 1.362 ug/l
RT: 13.706 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:119 Resp: 2046

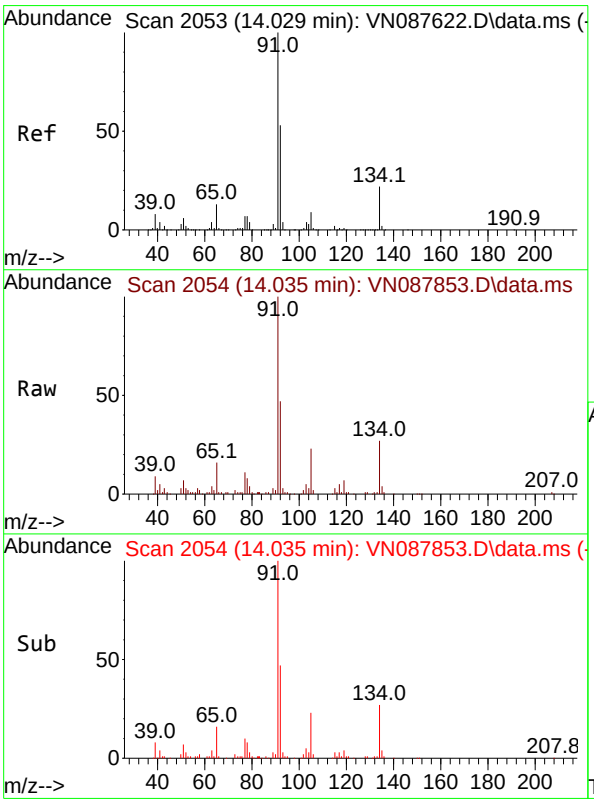
Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	0.0	12.5	37.5#



Instrument :
MSVOA_N
ClientSampleId :
MW2

Manual Integrations
APPROVED

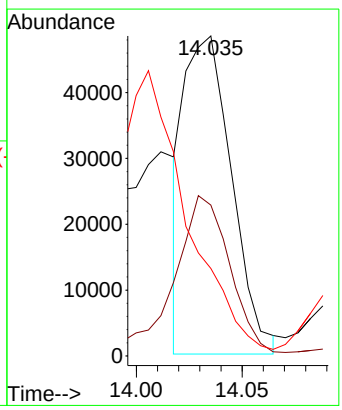
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#89
n-Butylbenzene
Concen: 5.062 ug/l m
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 75518

Ion	Ratio	Lower	Upper
91	100		
92	55.5	25.9	77.8
134	0.0	11.7	35.0#



Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087853.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.542	93	100	106	rBV	71483	125749	1.96%	0.168%
2	3.265	212	223	241	rBV	629159	1530180	23.79%	2.043%
3	3.653	279	289	299	rBV2	303285	776866	12.08%	1.037%
4	3.865	317	325	336	rVB4	44690	118734	1.85%	0.158%
5	4.048	346	356	365	rBV2	21659	64372	1.00%	0.086%
6	4.142	365	372	385	rVB2	35518	105241	1.64%	0.140%
7	4.412	405	418	434	rVB4	61404	223033	3.47%	0.298%
8	5.265	550	563	566	rBV2	138561	437988	6.81%	0.585%
9	5.330	567	574	605	rVB4	321107	1480864	23.02%	1.977%
10	5.800	639	654	669	rBV2	333371	1145337	17.81%	1.529%
11	6.300	728	739	752	rVB5	77625	244074	3.79%	0.326%
12	6.642	791	797	806	rVB3	29428	78563	1.22%	0.105%
13	6.777	809	820	828	rBV5	21572	65180	1.01%	0.087%
14	7.059	859	868	876	rBV5	28500	85202	1.32%	0.114%
15	7.206	882	893	901	rBV4	49451	149855	2.33%	0.200%
16	7.312	901	911	930	rVB	606394	1738717	27.03%	2.321%
17	7.994	1019	1027	1033	rVB4	31643	78831	1.23%	0.105%
18	8.147	1043	1053	1058	rBV	212946	516725	8.03%	0.690%
19	8.212	1058	1064	1075	rVV3	388223	1594242	24.79%	2.128%
20	8.306	1075	1080	1092	rVB2	168205	447378	6.96%	0.597%
21	8.430	1092	1101	1107	rBV2	118494	268518	4.17%	0.358%
22	8.494	1107	1112	1116	rVV4	38647	79300	1.23%	0.106%
23	8.559	1116	1123	1133	rVV	223505	534240	8.31%	0.713%
24	8.706	1133	1148	1149	rVV6	158068	364678	5.67%	0.487%
25	8.741	1150	1154	1165	rVV2	230660	761172	11.83%	1.016%
26	8.835	1165	1170	1179	rVB2	84447	189994	2.95%	0.254%
27	8.947	1179	1189	1199	rVB5	21680	65355	1.02%	0.087%
28	9.083	1202	1212	1225	rBV	540875	1186738	18.45%	1.584%
29	9.577	1281	1296	1301	rBV4	315795	934266	14.53%	1.247%
30	9.624	1301	1304	1313	rVB	139261	243016	3.78%	0.324%
31	9.759	1321	1327	1332	rVB2	47812	86965	1.35%	0.116%
32	9.847	1332	1342	1348	rVB2	54381	135253	2.10%	0.181%
33	9.994	1361	1367	1375	rVB	165810	340648	5.30%	0.455%
34	10.082	1375	1382	1385	rBV2	129043	248428	3.86%	0.332%
35	10.124	1385	1389	1395	rVB	189491	352427	5.48%	0.470%
36	10.218	1401	1405	1412	rVB2	67645	116229	1.81%	0.155%

Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

37	10.312	1412	1421	1425	rBV5	90863	242656	3.77%	0.324%
38	10.430	1436	1441	1445	rBV3	35579	70114	1.09%	0.094%
39	10.471	1445	1448	1453	rVB3	46441	76810	1.19%	0.103%
40	10.547	1453	1461	1467	rBV	866917	1646289	25.59%	2.198%
41	10.606	1467	1471	1478	rVB	180077	322714	5.02%	0.431%
42	10.888	1514	1519	1525	rBV3	43776	79891	1.24%	0.107%
43	10.971	1525	1533	1541	rVV7	85193	262768	4.09%	0.351%
44	11.247	1570	1580	1583	rBV6	26252	64576	1.00%	0.086%
45	11.447	1609	1614	1619	rVB3	55763	94190	1.46%	0.126%
46	11.653	1645	1649	1657	rVB6	31365	68032	1.06%	0.091%
47	11.847	1674	1682	1690	rBV	735578	1365026	21.22%	1.822%
48	11.941	1691	1698	1708	rVV	1672766	2889548	44.92%	3.857%
49	12.047	1708	1716	1727	rVV	2200625	4511212	70.14%	6.022%
50	12.376	1761	1772	1786	rBV	1075396	1939372	30.15%	2.589%
51	12.671	1816	1822	1834	rVB	501657	891832	13.87%	1.190%
52	12.829	1841	1849	1860	rBV	561660	1026454	15.96%	1.370%
53	13.012	1873	1880	1886	rBV	1624299	2676631	41.61%	3.573%
54	13.106	1886	1896	1900	rVV	1817344	3406014	52.95%	4.547%
55	13.153	1900	1904	1911	rVB	1050889	1727838	26.86%	2.306%
56	13.312	1924	1931	1942	rBV	2337631	3890514	60.49%	5.193%
57	13.459	1949	1956	1970	rBV	3989424	6432087	100.00%	8.586%
58	13.588	1970	1978	1984	rVB3	112054	276311	4.30%	0.369%
59	13.706	1994	1998	2002	rBV3	42686	66680	1.04%	0.089%
60	13.794	2002	2013	2021	rBV2	2320136	5090137	79.14%	6.795%
61	13.929	2030	2036	2039	rBV	491667	828006	12.87%	1.105%
62	13.970	2039	2043	2047	rBV	856701	1387991	21.58%	1.853%
63	14.094	2059	2064	2069	rVB2	116335	190442	2.96%	0.254%
64	14.159	2069	2075	2080	rBV2	299932	503244	7.82%	0.672%
65	14.217	2080	2085	2089	rBV	332955	569002	8.85%	0.760%
66	14.306	2094	2100	2106	rVV	1241195	1957312	30.43%	2.613%
67	14.370	2106	2111	2114	rVV	282375	464268	7.22%	0.620%
68	14.417	2114	2119	2127	rVV2	967356	1710238	26.59%	2.283%
69	14.547	2136	2141	2147	rVB	233225	371883	5.78%	0.496%
70	14.629	2147	2155	2159	rBV	733558	1242580	19.32%	1.659%
71	14.670	2159	2162	2166	rVV	450958	662262	10.30%	0.884%
72	14.706	2166	2168	2172	rVB2	81990	100795	1.57%	0.135%
73	14.900	2196	2201	2207	rBV	787404	1325575	20.61%	1.769%
74	15.023	2213	2222	2228	rBV2	1218173	2619839	40.73%	3.497%
75	15.094	2228	2234	2243	rVB3	162014	377466	5.87%	0.504%
76	15.182	2243	2249	2256	rBV3	202169	378036	5.88%	0.505%

Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260

77	15.294	2256	2268	2273	rBV3	248603	633801	9.85%	0.846%
78	15.412	2280	2288	2295	rVB2	190229	452268	7.03%	0.604%
79	15.612	2315	2322	2330	rBV	530783	1012391	15.74%	1.351%
80	15.723	2335	2341	2346	rVV3	77894	165599	2.57%	0.221%
81	15.770	2346	2349	2361	rVB5	55552	137457	2.14%	0.183%
82	15.917	2366	2374	2382	rBV	112037	253737	3.94%	0.339%
83	16.100	2391	2405	2414	rBV4	68363	239566	3.72%	0.320%
84	16.223	2421	2426	2432	rBV5	30825	68591	1.07%	0.092%
85	16.306	2433	2440	2453	rVB3	50877	169096	2.63%	0.226%
86	16.682	2492	2504	2508	rBV7	25010	70063	1.09%	0.094%
87	16.747	2508	2515	2522	rBV	433020	990843	15.40%	1.323%

Sum of corrected areas: 74914405

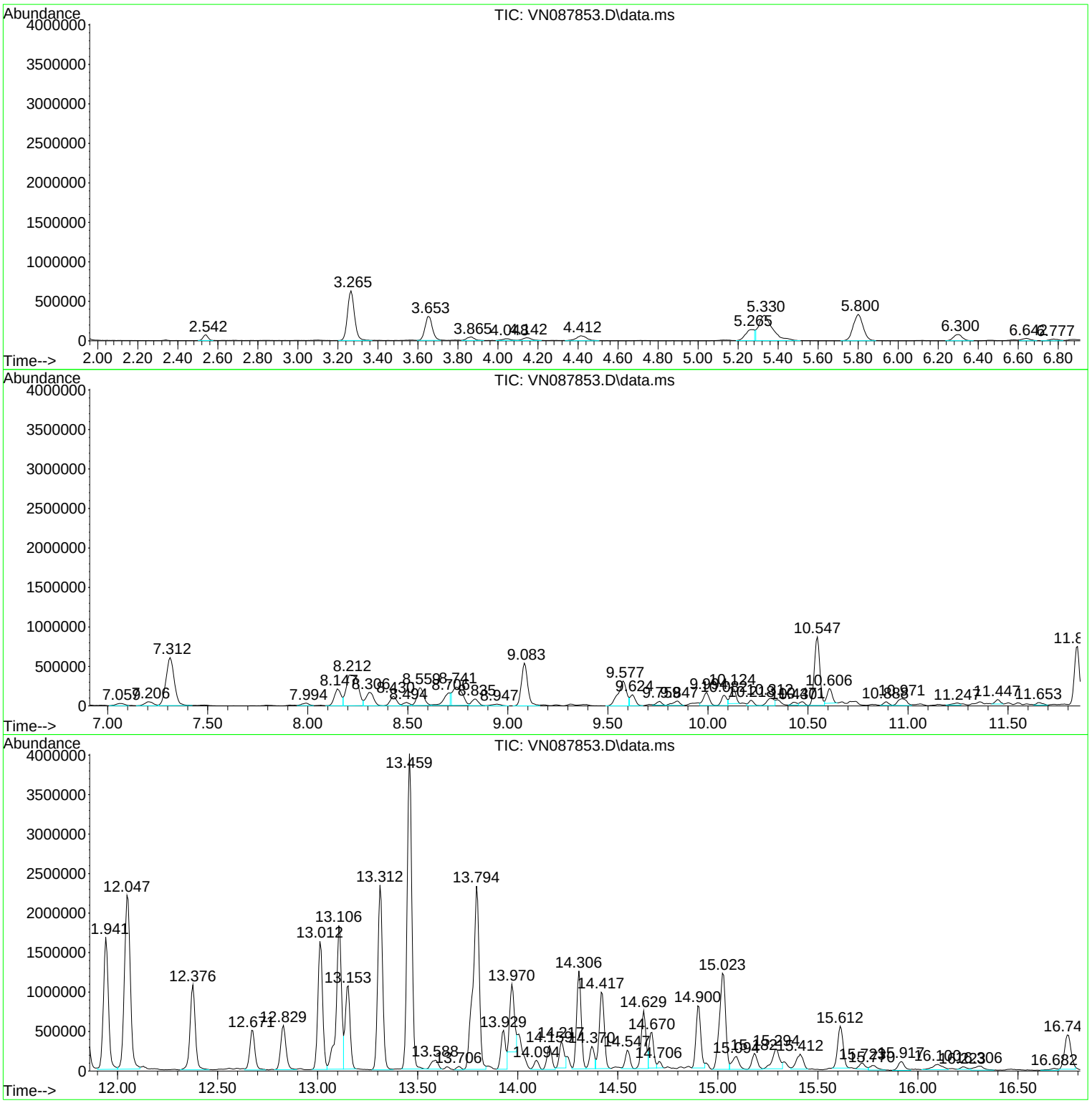
Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

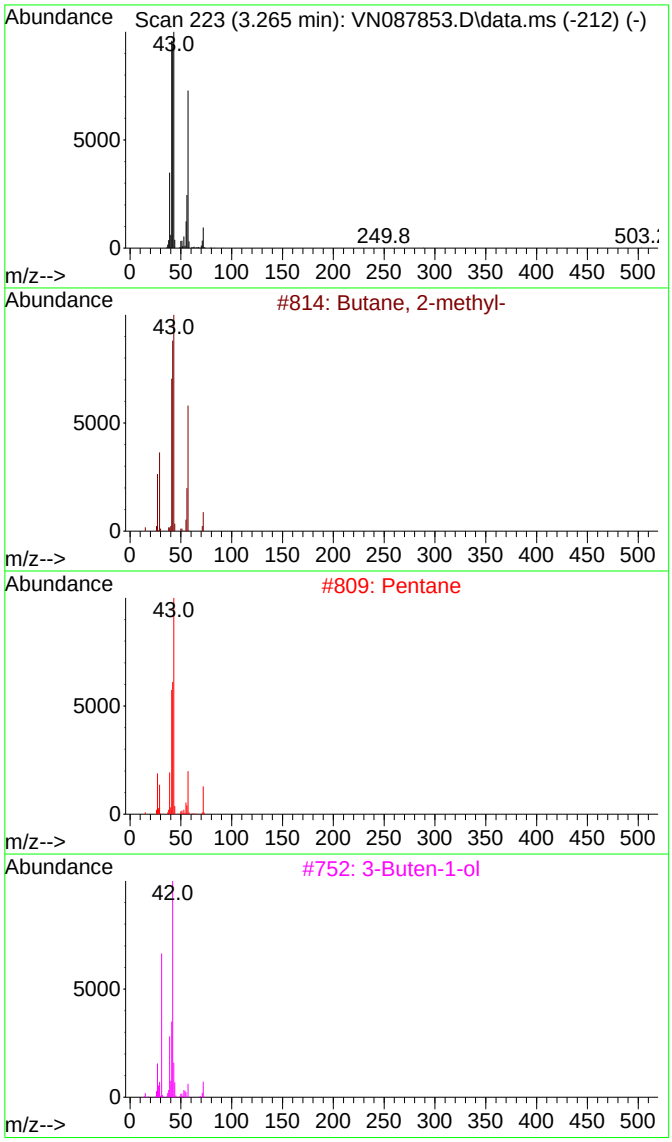
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

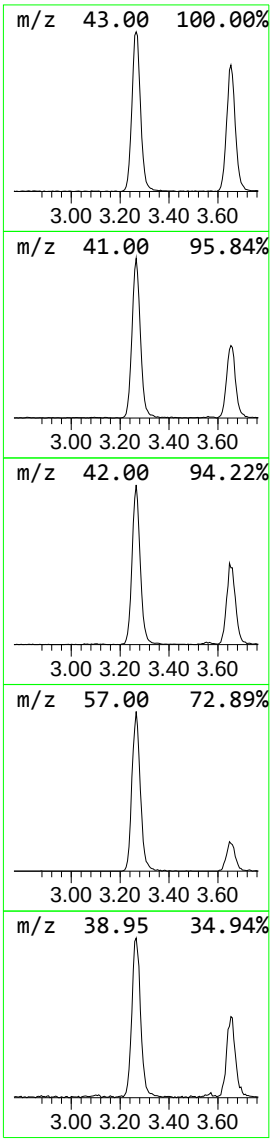
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.265	47.99 ug/l	1530180	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	10
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

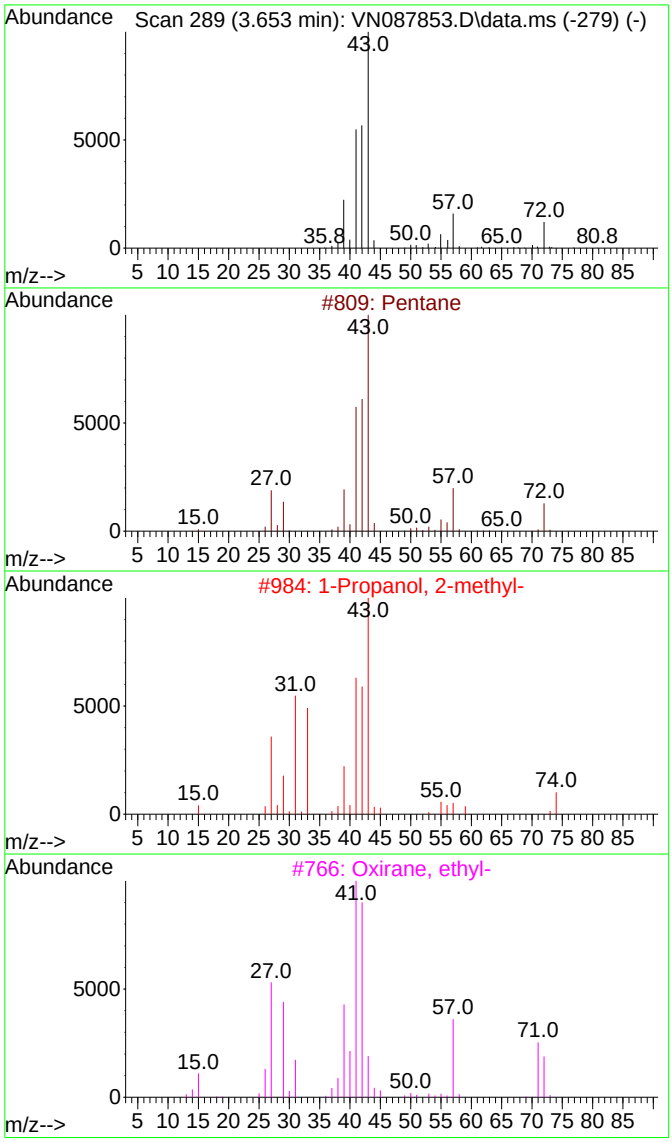
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

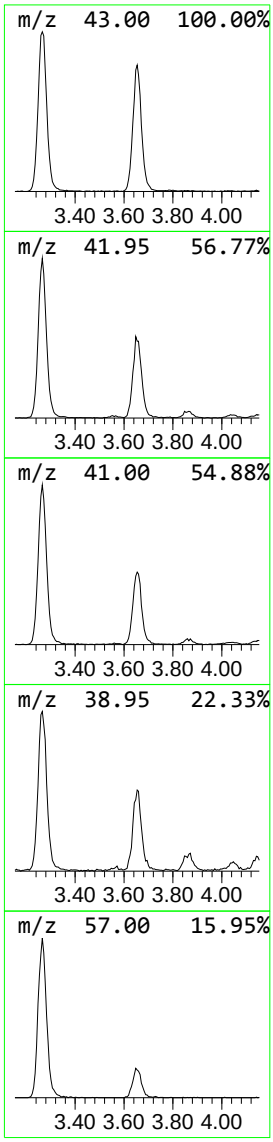
****

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.653	24.36 ug/l	776866	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	64
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4	Butane, 2-methyl-	72	C5H12	000078-78-4	42
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

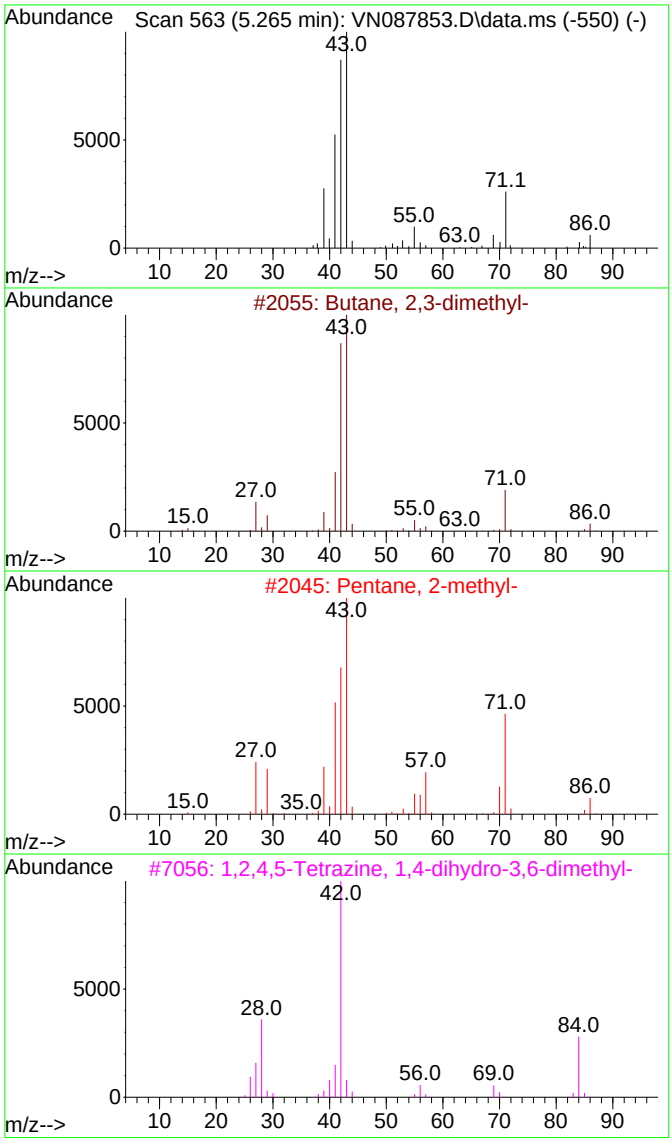
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

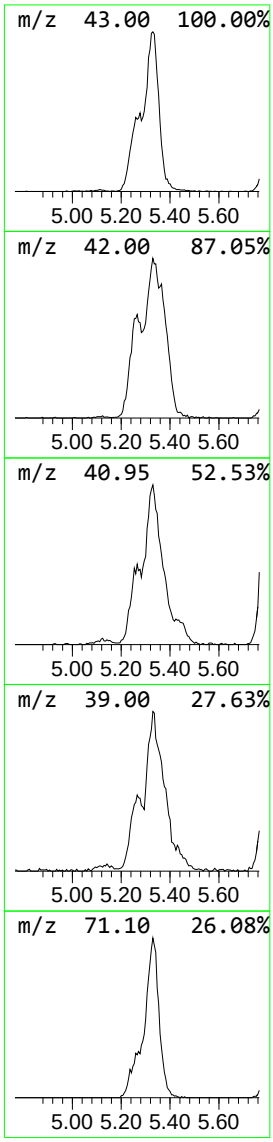
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.265	13.74 ug/l	437988	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	28
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	22
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

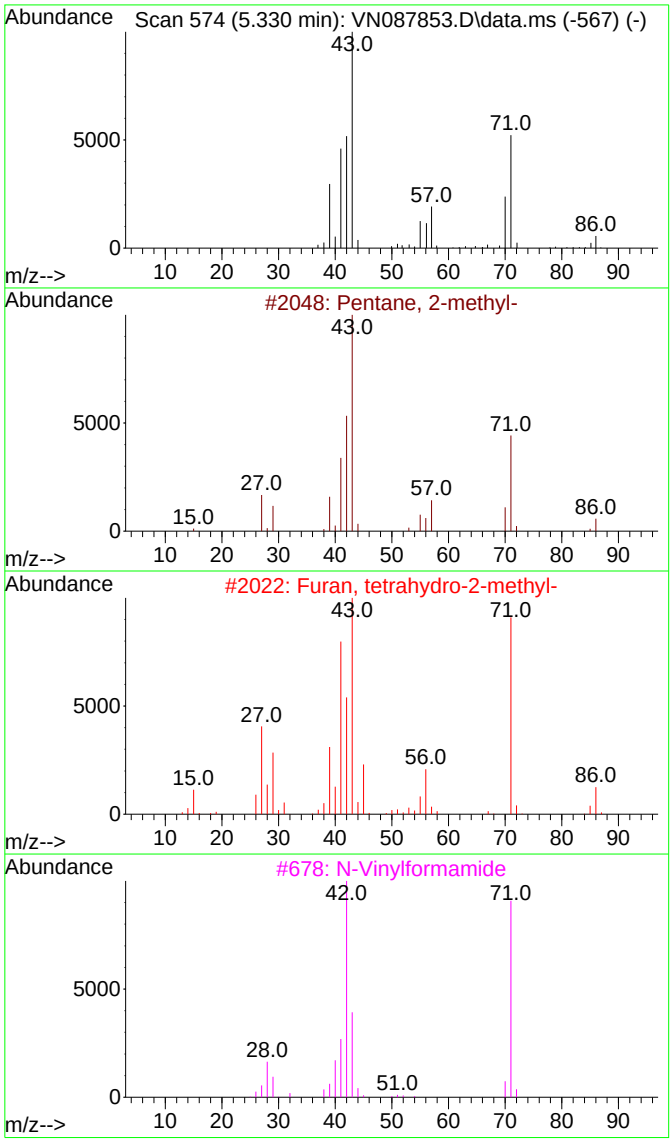
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

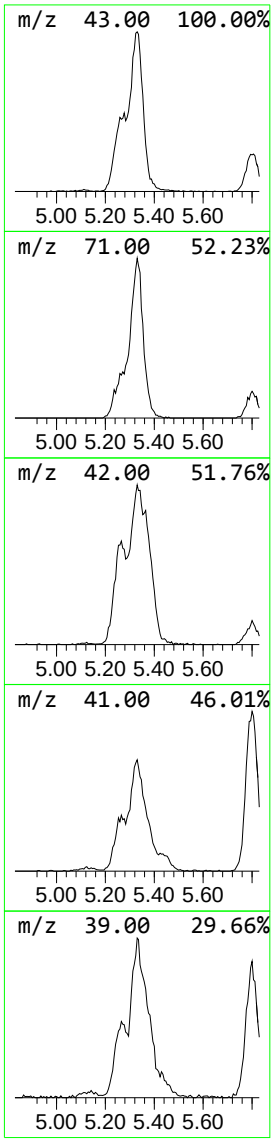
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.330	46.44 ug/l	1480860	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	52
3	N-Vinylformamide	71	C3H5NO	013162-05-5	50
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	43





Sample Results: **VN087853.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

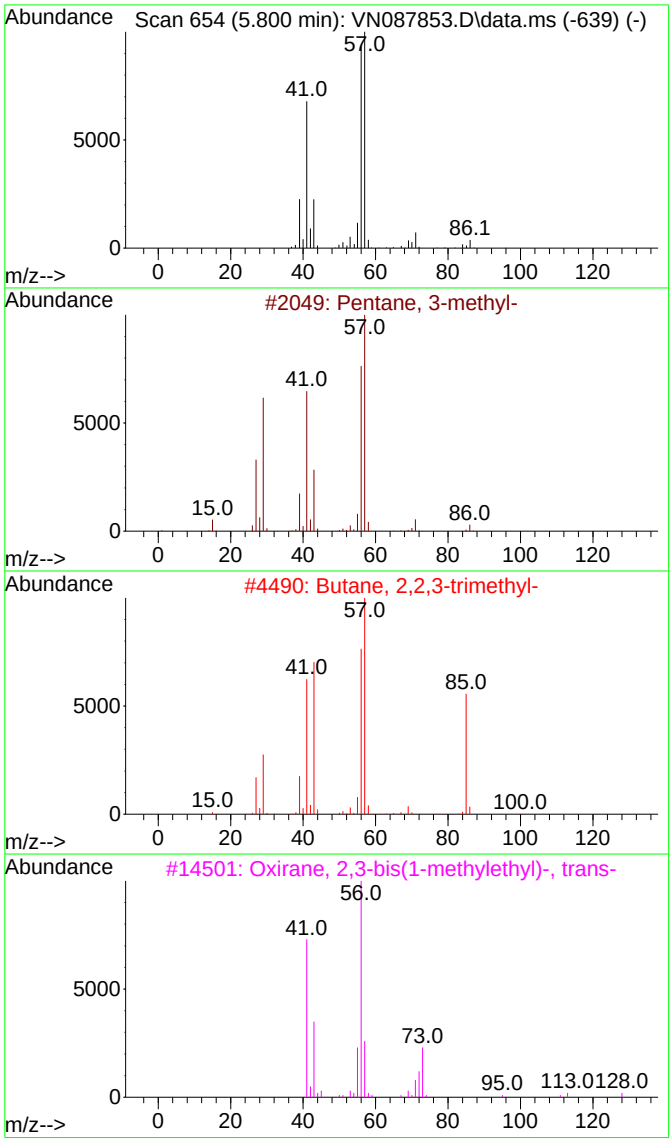
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

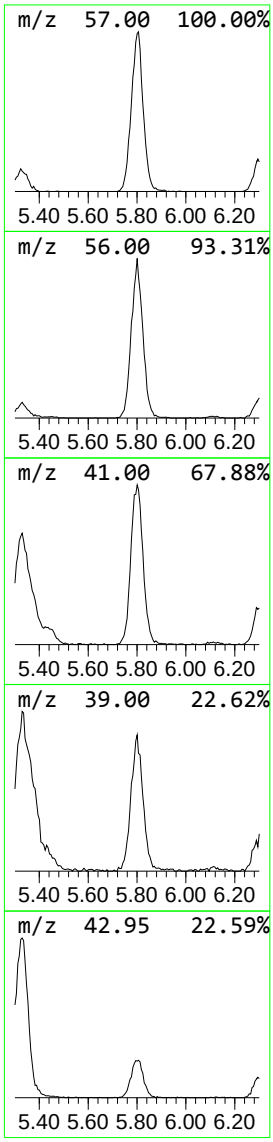
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.800	35.92 ug/l	1145340	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	50
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	43
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

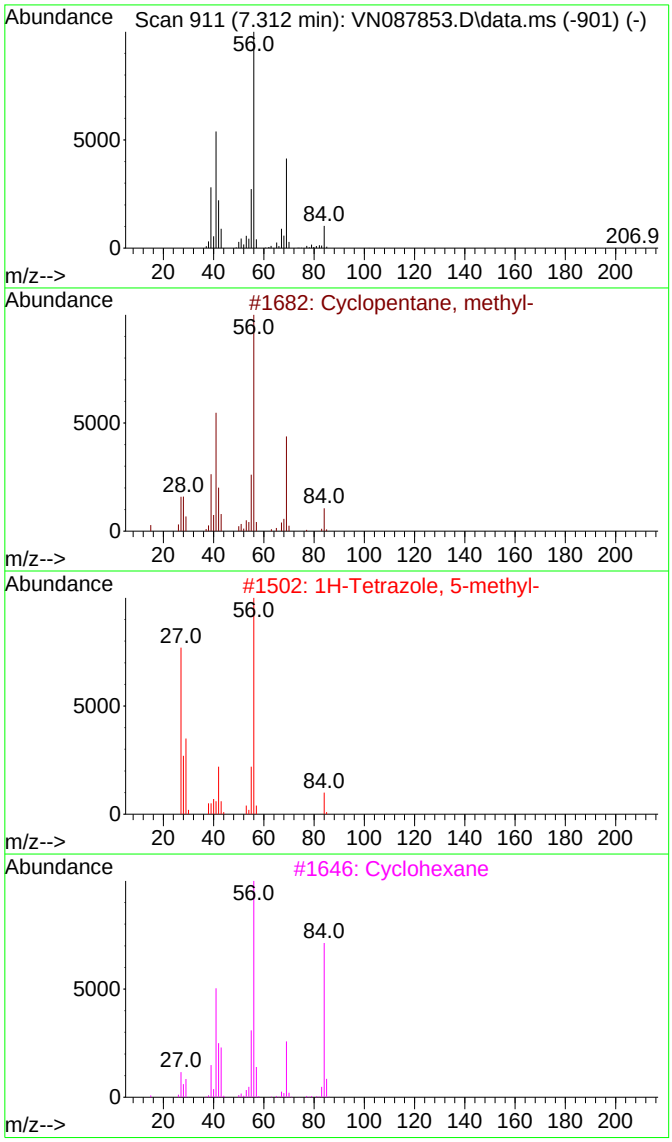
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

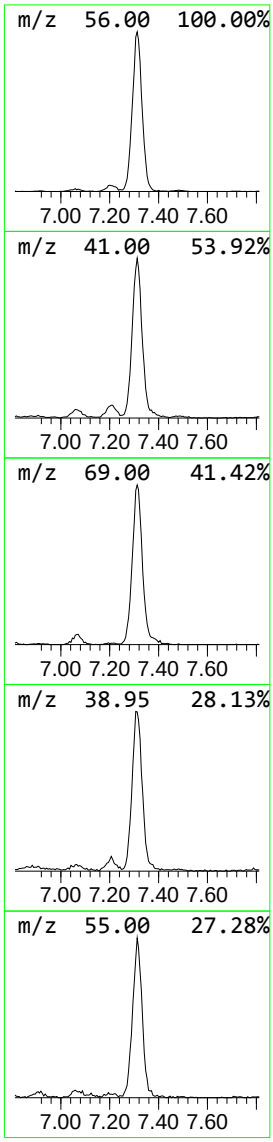
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	54.53 ug/l	1738720	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

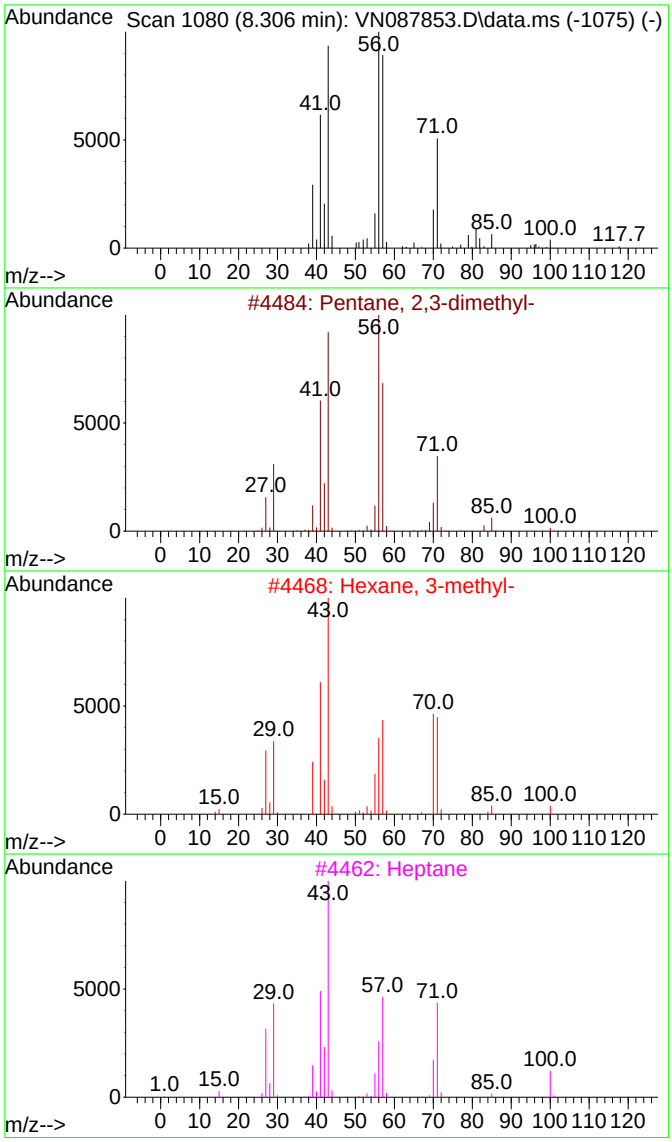
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

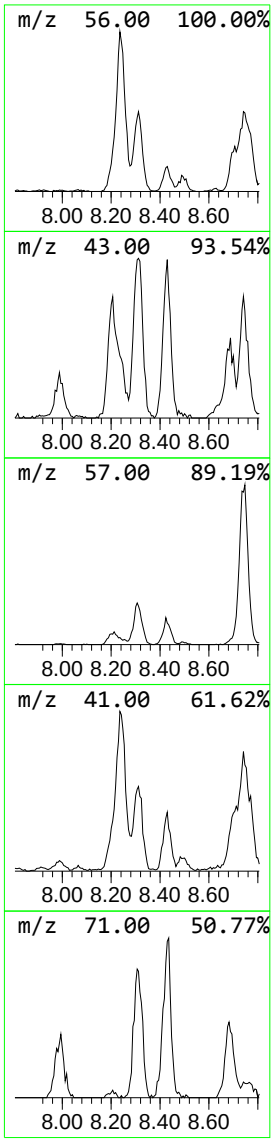
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.306	14.03 ug/l	447378	Pentafluorobenzene	8.206

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	46
3	Heptane	100	C7H16	000142-82-5	43
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	43
5	Ethane, isocyanato-	71	C3H5NO	000109-90-0	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

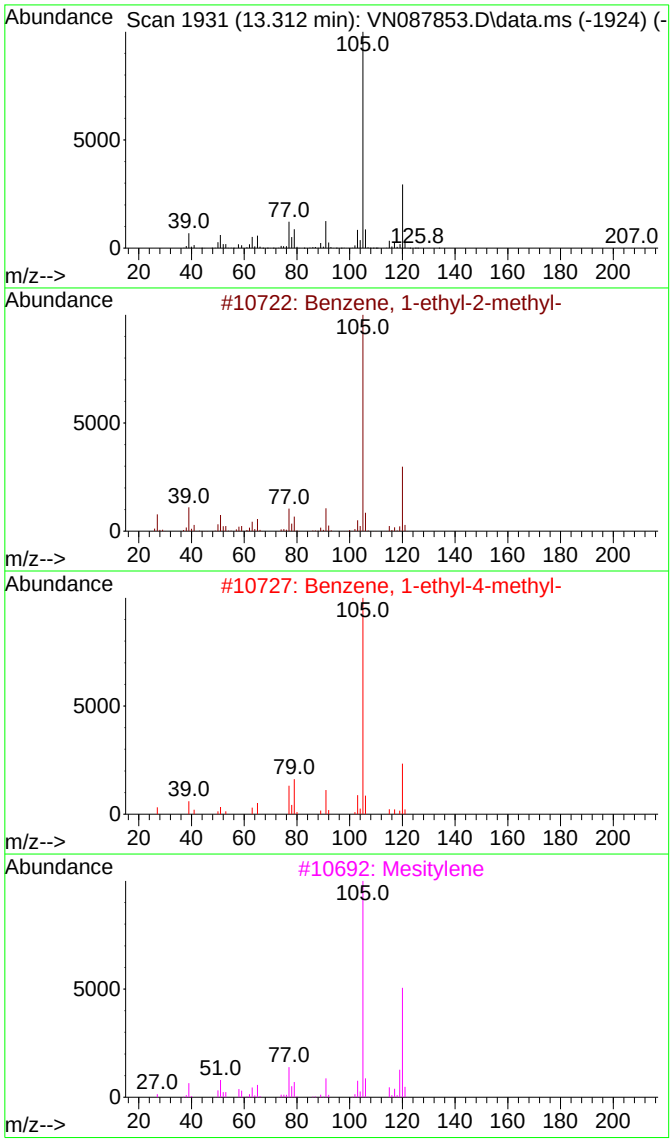
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

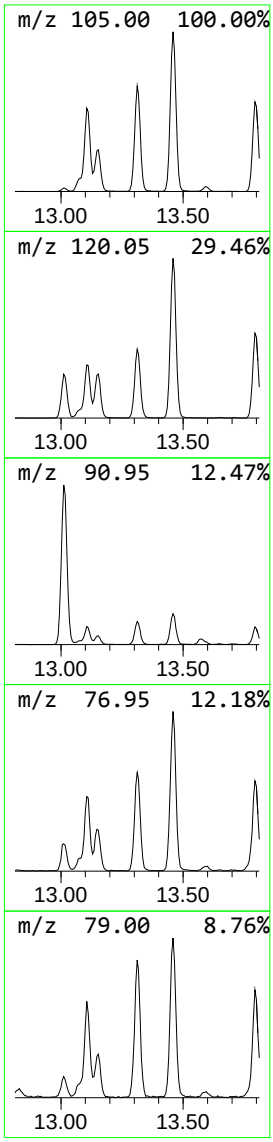
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	38.22 ug/l	3890510	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

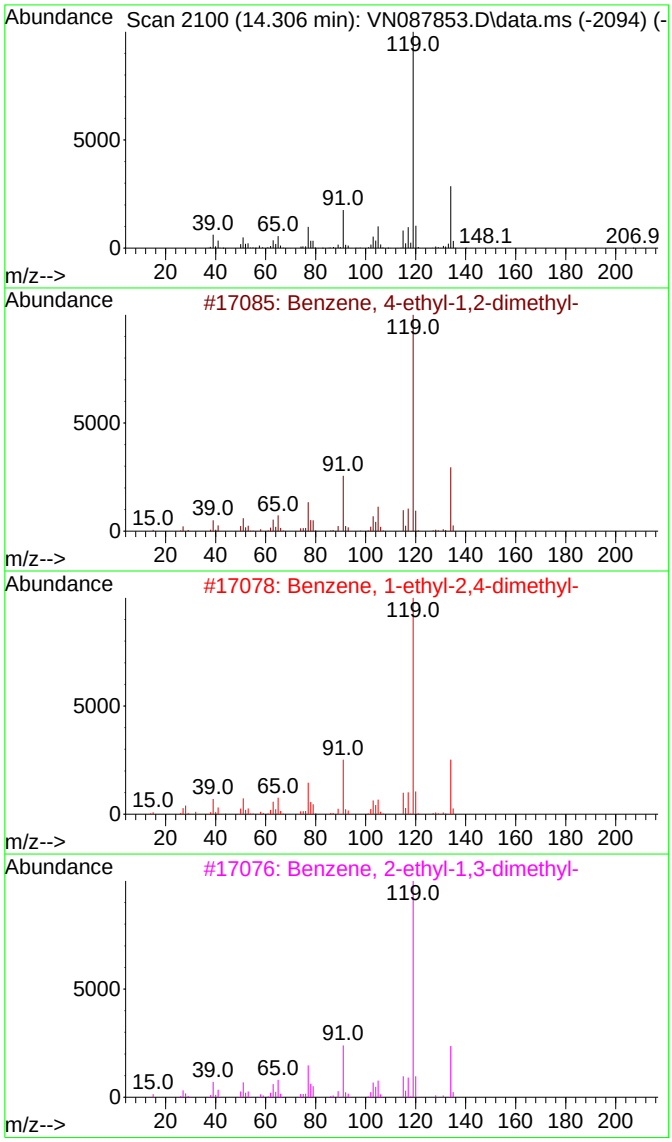
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

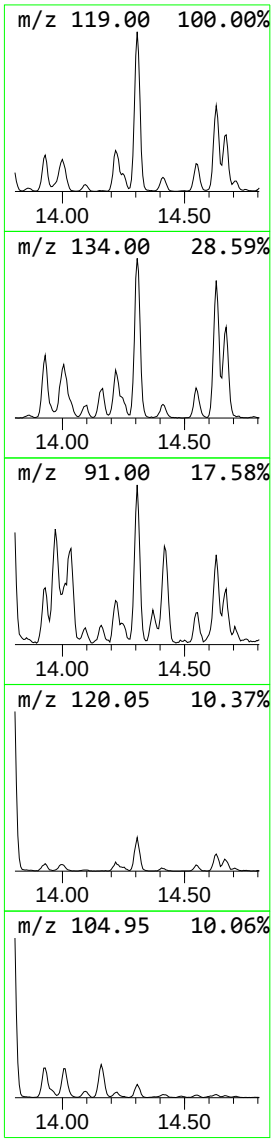
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	19.23 ug/l	1957310	1,4-Dichlorobenzene-d4	13.771

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

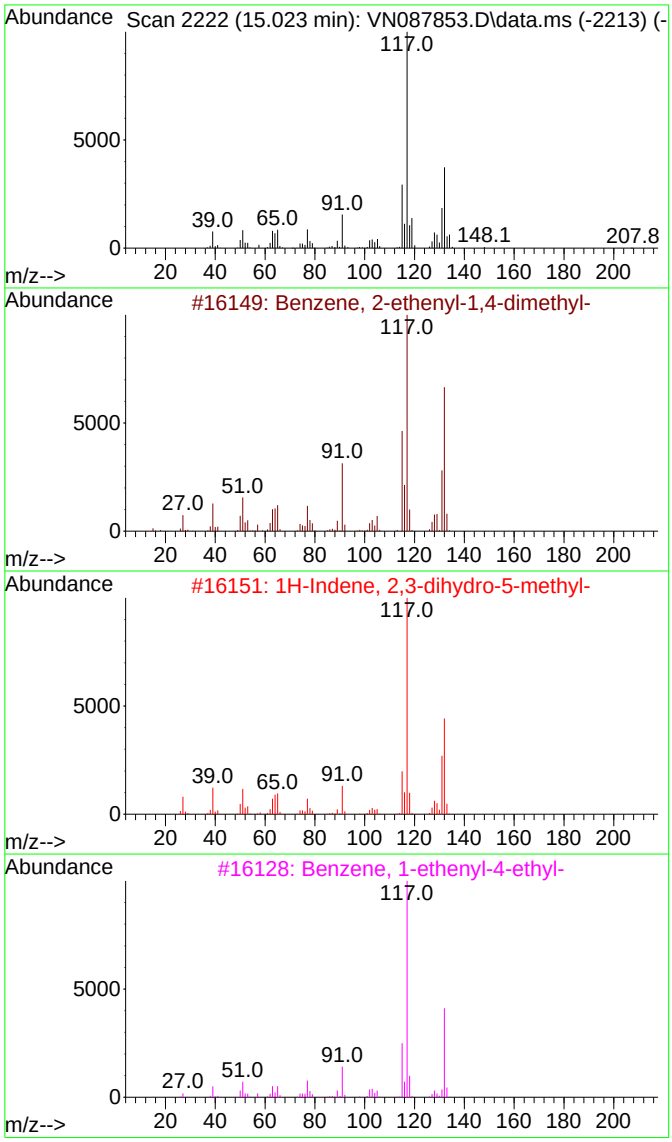
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

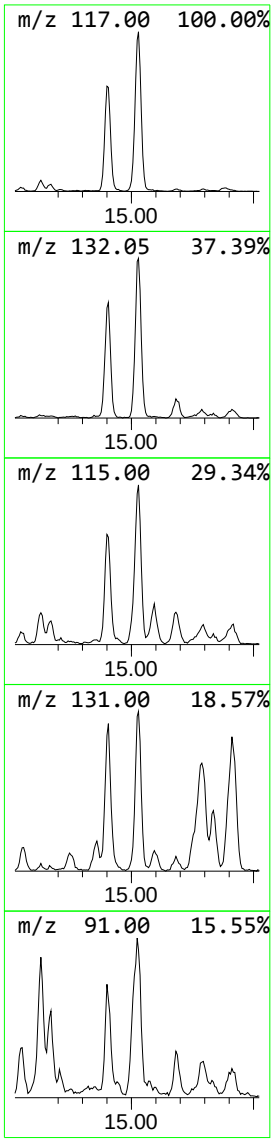
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.023	25.73 ug/l	2619840	1,4-Dichlorobenzene-d4	13.771

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	94
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087853.D
Acq On : 16 Sep 2025 16:29
Operator : JC\MD
Sample : Q3108-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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
Butane, 2-methyl-	3.265	48.0	ug/l	1530180	1	8.206	1594240	50.0
Pentane	3.653	24.4	ug/l	776866	1	8.206	1594240	50.0
Butane, 2,3-dim...	5.265	13.7	ug/l	437988	1	8.206	1594240	50.0
Pentane, 2-methyl-	5.330	46.4	ug/l	1480860	1	8.206	1594240	50.0
Pentane, 3-methyl-	5.800	35.9	ug/l	1145340	1	8.206	1594240	50.0
Cyclopentane, m...	7.312	54.5	ug/l	1738720	1	8.206	1594240	50.0
Pentane, 2,3-di...	8.306	14.0	ug/l	447378	1	8.206	1594240	50.0
Benzene, 1-ethy...	13.312	38.2	ug/l	3890510	4	13.771	5090140	50.0
Benzene, 4-ethy...	14.306	19.2	ug/l	1957310	4	13.771	5090140	50.0
Benzene, 2-ethe...	15.023	25.7	ug/l	2619840	4	13.771	5090140	50.0

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.: Q3108

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.7
Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.3
Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.3
Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.2
Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.9
Trichlorofluoromethane	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.9
1,1,2-Trichlorotrifluoroethane	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.6
Tert butyl alcohol		0.170	0.187	0.184	0.174	0.174	0.178	4
1,1-Dichloroethene	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.3
Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.3
Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.5
Methyl tert-butyl Ether	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.4
Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.3
Methylene Chloride	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.8
trans-1,2-Dichloroethene	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.8
1,1-Dichloroethane	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.3
Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.4
2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.3
Carbon Tetrachloride	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.1
cis-1,2-Dichloroethene	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.7
Bromochloromethane	0.800	0.781	0.722	0.701	0.748	0.731	0.747	5
Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4
1,1,1-Trichloroethane	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.8
Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.3
Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.9
1,2-Dichloroethane	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.5
Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.5
1,2-Dichloropropane	0.544	0.435	0.447	0.433	0.415	0.412	0.448	11
Bromodichloromethane	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3
4-Methyl-2-Pentanone	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.5

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

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.: Q3108

Instrument ID: MSVOA_N Calibration Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:09 14:44

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

LAB FILE ID: RRF001 = VN087619.D RRF005 = VN087620.D RRF020 = VN087621.D
RRF050 = VN087622.D RRF100 = VN087623.D RRF150 = VN087624.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5
t-1,3-Dichloropropene	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.1
cis-1,3-Dichloropropene	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.3
1,1,2-Trichloroethane	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.7
2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.8
Dibromochloromethane	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.8
1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.4
Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.9
Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.9
Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4
m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.3
o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.3
Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	11
Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.3
Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.3
1,1,2,2-Tetrachloroethane	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.1
1,3-Dichlorobenzene	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.3
1,4-Dichlorobenzene	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.2
1,2-Dichlorobenzene	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.7
1,2-Dibromo-3-Chloropropane	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.2
1,2,4-Trichlorobenzene	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.4
1,2,3-Trichlorobenzene	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.7
1,2-Dichloroethane-d4		1.025	1.016	0.959	1.035	1.089	1.024	4.5
Dibromofluoromethane		0.369	0.344	0.334	0.373	0.386	0.361	6
Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.7
4-Bromofluorobenzene		0.446	0.454	0.450	0.514	0.540	0.481	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.

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 2025
Response Via : Initial Calibration

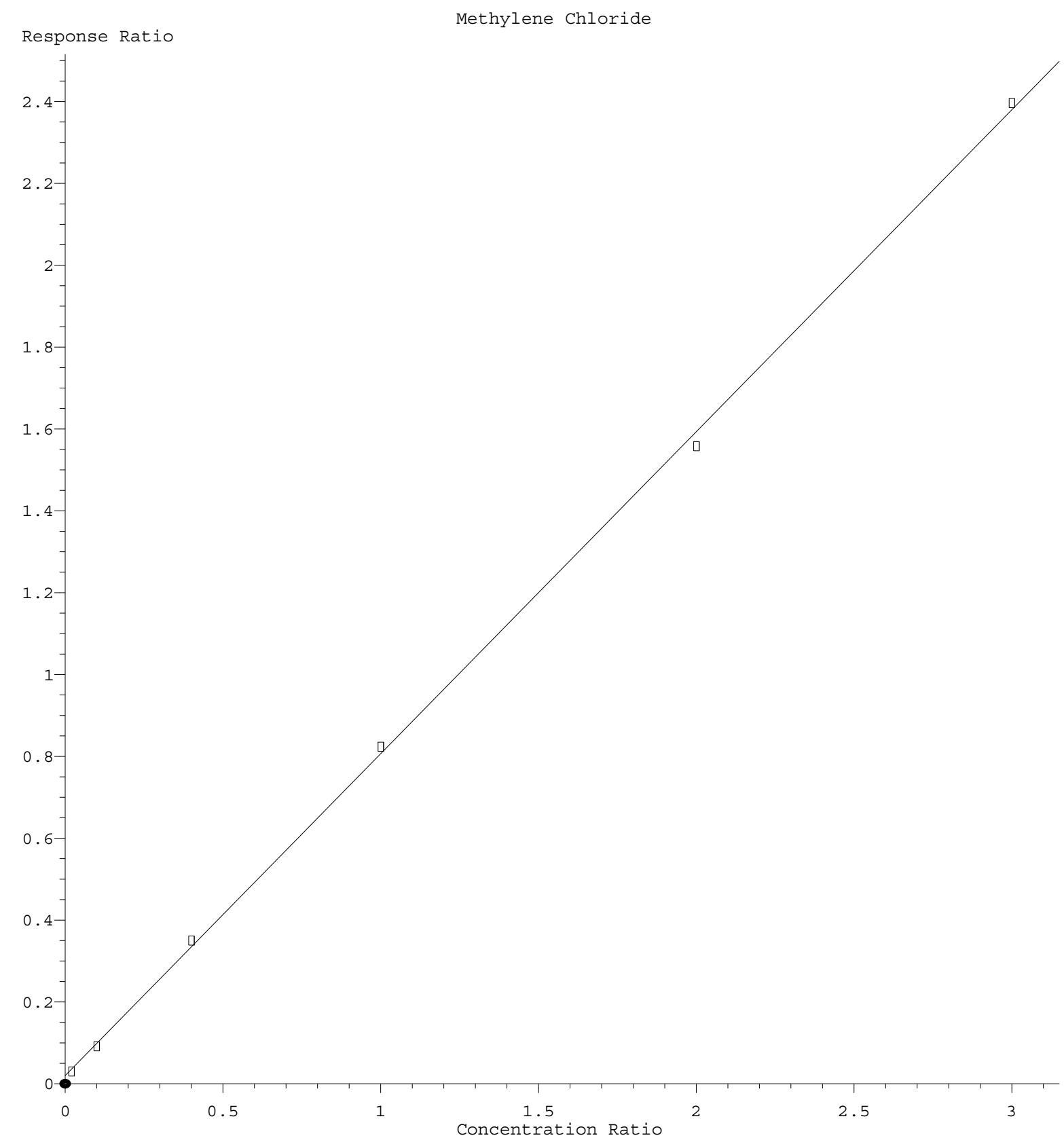
Calibration Files
1 =VN087619.D 5 =VN087620.D 20 =VN087621.D 50 =VN087622.D 100 =VN087623.D 150 =VN087624.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.707	0.579	0.606	0.810	0.777	0.782	0.710	13.74
3)	P	Chloromethane	0.739	0.637	0.710	0.795	0.752	0.747	0.730	7.27
4)	C	Vinyl Chloride	0.909	0.739	0.832	0.903	0.847	0.846	0.846	7.29#
5)	T	Bromomethane		0.388	0.393	0.448	0.466	0.488	0.437	10.17
6)	T	Chloroethane	0.727	0.528	0.599	0.603	0.558	0.554	0.595	11.88
7)	T	Trichlorofluor...	1.323	1.139	1.242	1.274	1.227	1.233	1.240	4.91
8)	T	Diethyl Ether	0.637	0.501	0.544	0.529	0.510	0.519	0.540	9.22
9)	T	1,1,2-Trichlor...	0.879	0.648	0.677	0.695	0.654	0.656	0.701	12.62
10)	T	Methyl Iodide		0.265	0.355	0.481	0.562	0.586	0.450	30.46
11)	T	Tert butyl alc...		0.170	0.187	0.184	0.174	0.174	0.178	4.02
12)	CM	1,1-Dichloroet...	0.892	0.649	0.730	0.700	0.667	0.687	0.721	12.28#
13)	T	Acrolein		0.251	0.198	0.215	0.196	0.233	0.219	10.78
14)	T	Allyl chloride	1.577	1.184	1.254	1.240	1.208	1.376	1.306	11.34
15)	T	Acrylonitrile	0.555	0.466	0.510	0.498	0.487	0.493	0.502	6.00
16)	T	Acetone	0.633	0.634	0.584	0.522	0.484	0.489	0.558	12.34
17)	T	Carbon Disulfide	2.272	1.746	1.970	2.003	1.937	1.979	1.985	8.51
18)	T	Methyl Acetate	1.450	1.043	1.097	1.157	1.117	1.141	1.168	12.33
19)	T	Methyl tert-bu...	2.859	2.508	2.740	2.733	2.643	2.742	2.704	4.37
20)	T	Methylene Chlo...	1.494	0.916	0.875	0.823	0.779	0.799	0.948	28.76
21)	T	trans-1,2-Dich...	0.952	0.734	0.768	0.750	0.737	0.745	0.781	10.83
22)	T	Diisopropyl ether	2.977	2.591	2.903	2.870	2.766	2.807	2.819	4.74
23)	T	Vinyl Acetate	2.629	2.379	2.484	2.692	2.576	2.629	2.565	4.46
24)	P	1,1-Dichloroet...	1.798	1.500	1.549	1.501	1.454	1.471	1.546	8.28
25)	T	2-Butanone	0.783	0.722	0.757	0.732	0.700	0.707	0.734	4.31
26)	T	2,2-Dichloropr...	1.500	1.243	1.326	1.317	1.277	1.296	1.327	6.78
27)	T	cis-1,2-Dichlo...	0.997	0.916	0.937	0.941	0.908	0.905	0.934	3.67
28)	T	Bromochloromet...	0.800	0.781	0.722	0.701	0.748	0.731	0.747	4.95
29)	T	Tetrahydrofuran	0.520	0.432	0.479	0.474	0.461	0.468	0.472	6.01
30)	C	Chloroform	1.677	1.535	1.629	1.579	1.519	1.528	1.578	4.03#
31)	T	Cyclohexane		1.490	1.310	1.234	1.201	1.207	1.289	9.38
32)	T	1,1,1-Trichlor...	1.510	1.297	1.359	1.303	1.265	1.288	1.337	6.75
33)	S	1,2-Dichloroet...		1.025	1.016	0.959	1.035	1.089	1.024	4.53
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.369	0.344	0.334	0.373	0.386	0.361	5.97
36)	T	1,1-Dichloropr...	0.700	0.508	0.550	0.528	0.522	0.514	0.554	13.21
37)	T	Ethyl Acetate	0.877	0.700	0.761	0.742	0.731	0.731	0.757	8.20
38)	T	Carbon Tetrach...	0.571	0.509	0.568	0.542	0.549	0.542	0.547	4.12
39)	T	Methylcyclohexane	0.686	0.580	0.610	0.590	0.597	0.596	0.610	6.33
40)	TM	Benzene	1.853	1.637	1.727	1.684	1.639	1.652	1.699	4.88
41)	T	Methacrylonitrile	0.466	0.346	0.388	0.389	0.384	0.379	0.392	10.06
42)	TM	1,2-Dichloroet...	0.714	0.627	0.675	0.650	0.624	0.626	0.653	5.48
43)	T	Isopropyl Acetate	1.236	1.076	1.215	1.198	1.187	1.178	1.182	4.71
44)	TM	Trichloroethene	0.435	0.387	0.390	0.377	0.367	0.370	0.388	6.46
45)	C	1,2-Dichloropr...	0.544	0.435	0.447	0.433	0.415	0.412	0.448	10.96#
46)	T	Dibromomethane	0.351	0.294	0.327	0.318	0.310	0.312	0.319	6.06
47)	T	Bromodichlorom...	0.686	0.649	0.667	0.638	0.638	0.639	0.653	3.01
48)	T	Methyl methacr...	0.598	0.493	0.572	0.558	0.565	0.567	0.559	6.26
49)	T	1,4-Dioxane	0.006	0.007	0.008	0.008	0.008	0.007	0.007	11.46
50)	S	Toluene-d8		1.384	1.266	1.223	1.408	1.475	1.351	7.68
51)	T	4-Methyl-2-Pen...	0.701	0.675	0.744	0.736	0.718	0.704	0.713	3.55
52)	CM	Toluene	1.148	0.987	1.062	1.050	1.037	1.033	1.053	5.03#
53)	T	t-1,3-Dichloro...	0.620	0.628	0.691	0.703	0.699	0.715	0.676	6.08
54)	T	cis-1,3-Dichlo...	0.717	0.640	0.712	0.718	0.714	0.710	0.702	4.32
55)	T	1,1,2-Trichlor...	0.439	0.383	0.417	0.408	0.400	0.397	0.407	4.69
56)	T	Ethyl methacry...	0.532	0.546	0.681	0.705	0.715	0.727	0.651	13.55

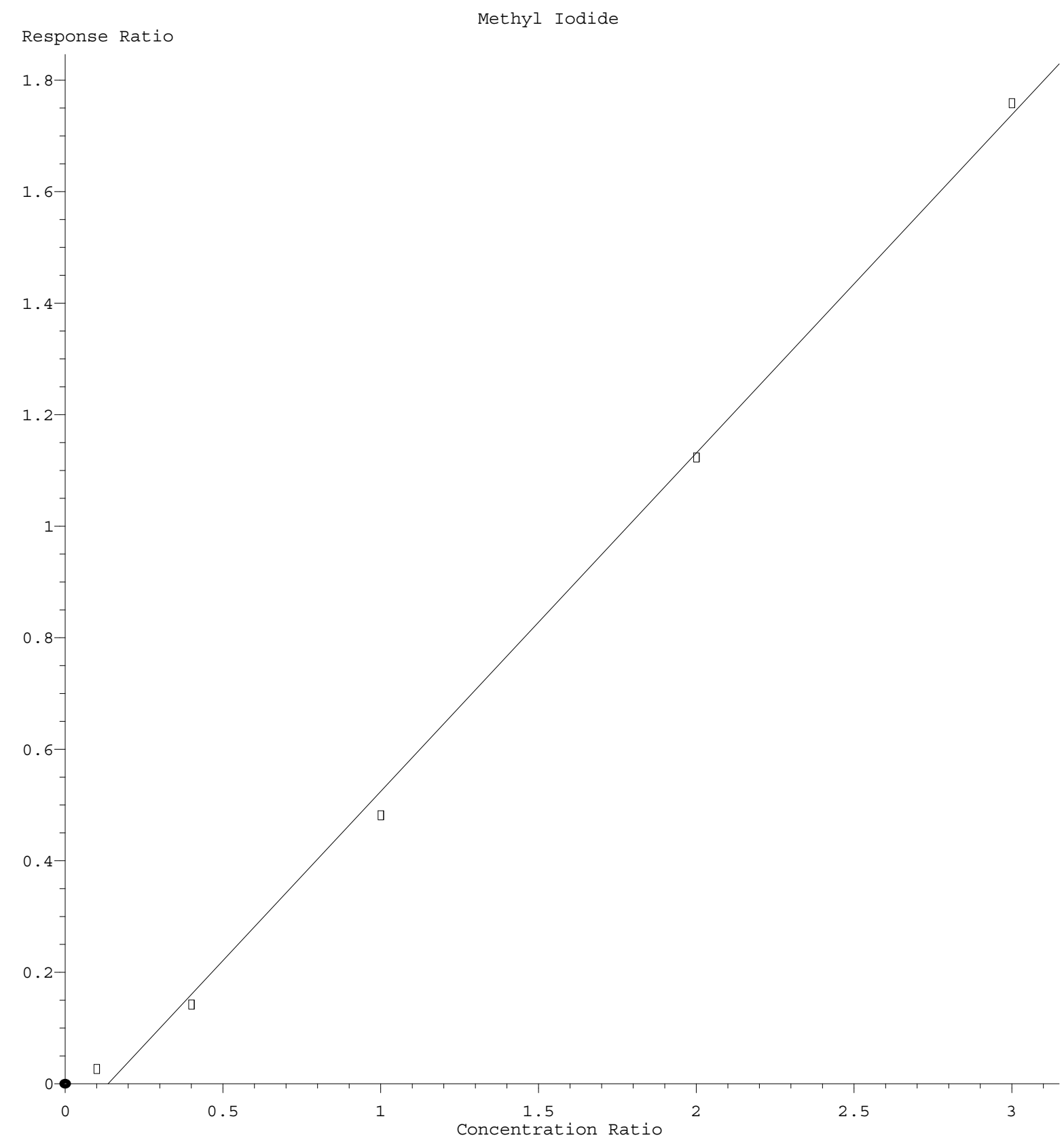
Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N082125W.M

57)	T	1,3-Dichloropr...	0.781	0.656	0.743	0.731	0.708	0.706	0.721	5.80
58)	T	2-Chloroethyl ...	0.360	0.333	0.305	0.354	0.374	0.388	0.352	8.40
59)	T	2-Hexanone	0.295	0.390	0.493	0.510	0.508	0.507	0.451	19.77
60)	T	Dibromochlorom...	0.535	0.440	0.458	0.466	0.465	0.468	0.472	6.85
61)	T	1,2-Dibromoethane	0.412	0.433	0.444	0.432	0.429	0.427	0.430	2.44
62)	S	4-Bromofluorob...		0.446	0.454	0.450	0.514	0.540	0.481	8.99
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.447	0.353	0.340	0.313	0.315	0.313	0.347	14.89
65)	PM	Chlorobenzene	1.408	1.164	1.253	1.210	1.216	1.212	1.244	6.85
66)	T	1,1,1,2-Tetrac...	0.391	0.404	0.427	0.421	0.416	0.418	0.413	3.14
67)	C	Ethyl Benzene	2.232	1.993	2.224	2.144	2.152	2.178	2.154	4.03#
68)	T	m/p-Xylenes	0.759	0.735	0.811	0.812	0.808	0.814	0.790	4.33
69)	T	o-Xylene	0.777	0.707	0.794	0.796	0.788	0.784	0.774	4.35
70)	T	Styrene	1.142	1.086	1.391	1.382	1.386	1.393	1.297	10.99
71)	P	Bromoform	0.303	0.285	0.320	0.320	0.336	0.336	0.317	6.27
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.328	3.674	4.096	4.026	3.998	4.120	4.040	5.29
74)	T	N-amyl acetate	1.569	1.538	1.265	1.555	1.527	1.733	1.531	9.86
75)	P	1,1,2,2-Tetrac...	1.488	1.381	1.421	1.363	1.322	1.371	1.391	4.12
76)	T	1,2,3-Trichlor...	1.274	1.171	1.188	1.073	1.074	1.256	1.173	7.36
77)	T	Bromobenzene	1.019	0.901	0.988	0.941	0.929	0.938	0.953	4.51
78)	T	n-propylbenzene	5.137	4.545	5.125	5.024	4.965	5.064	4.977	4.44
79)	T	2-Chlorotoluene	2.911	2.953	3.116	2.976	2.975	3.037	2.995	2.41
80)	T	1,3,5-Trimethy...	3.586	3.159	3.498	3.471	3.398	3.452	3.428	4.24
81)	T	trans-1,4-Dich...		0.332	0.416	0.451	0.493	0.523	0.443	16.70
82)	T	4-Chlorotoluene	3.352	3.001	3.225	3.153	3.069	3.093	3.149	3.98
83)	T	tert-Butylbenzene	2.913	2.674	2.899	2.911	2.857	2.884	2.856	3.22
84)	T	1,2,4-Trimethy...	3.502	3.091	3.551	3.496	3.471	3.476	3.431	4.93
85)	T	sec-Butylbenzene	4.464	4.019	4.367	4.225	4.163	4.194	4.239	3.71
86)	T	p-Isopropyltol...	3.656	3.249	3.550	3.530	3.502	3.512	3.500	3.85
87)	T	1,3-Dichlorobe...	2.087	1.770	1.940	1.827	1.806	1.826	1.876	6.29
88)	T	1,4-Dichlorobe...	2.348	1.884	1.956	1.867	1.818	1.841	1.952	10.22
89)	T	n-Butylbenzene	3.764	3.208	3.589	3.461	3.398	3.435	3.476	5.40
90)	T	Hexachloroethane	0.742	0.606	0.680	0.655	0.649	0.669	0.667	6.69
91)	T	1,2-Dichlorobe...	1.942	1.662	1.853	1.755	1.723	1.743	1.780	5.66
92)	T	1,2-Dibromo-3-...	0.370	0.323	0.329	0.317	0.313	0.330	0.330	6.21
93)	T	1,2,4-Trichlor...	1.192	0.995	1.081	1.026	1.040	1.079	1.069	6.43
94)	T	Hexachlorobuta...	0.469	0.371	0.385	0.355	0.346	0.361	0.381	11.80
95)	T	Naphthalene	3.989	3.240	3.724	3.754	3.917	4.089	3.786	7.95
96)	T	1,2,3-Trichlor...	1.140	0.972	1.059	1.006	1.019	1.072	1.045	5.68

(#) = Out of Range



Response = 7.866e-001 * Amt + 2.003e-002
Coef of Det (r^2) = 0.999518 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N082125W.M
Calibration Table Last Updated: Fri Aug 22 02:55:42 2025



Response = 6.069e-001 * Amt - 8.267e-002
Coef of Det (r^2) = 0.997633 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N082125W.M
Calibration Table Last Updated: Fri Aug 22 02:55:42 2025

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	214194	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	425894	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	384310	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	174637	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	3030	0.996	ug/l		75
3) Chloromethane	2.389	50	3165	1.012	ug/l	#	87
4) Vinyl Chloride	2.542	62	3896	1.075	ug/l		98
6) Chloroethane	3.142	64	3113	1.222	ug/l		89
7) Trichlorofluoromethane	3.518	101	5667	1.067	ug/l		88
8) Diethyl Ether	3.977	74	2728m	1.179	ug/l		
9) 1,1,2-Trichlorotrifluo...	4.371	101	3764	1.253	ug/l	#	68
12) 1,1-Dichloroethene	4.353	96	3823	1.238	ug/l	#	55
14) Allyl chloride	5.024	41	6754	1.207	ug/l	#	70
15) Acrylonitrile	5.706	53	11893	5.535	ug/l	#	90
16) Acetone	4.424	43	13568	5.679	ug/l	#	75
17) Carbon Disulfide	4.700	76	9734	1.145	ug/l	#	90
18) Methyl Acetate	5.012	43	6213m	1.242	ug/l		
19) Methyl tert-butyl Ether	5.794	73	12249	1.057	ug/l		91
20) Methylene Chloride	5.277	84	6402	0.627	ug/l	#	57
21) trans-1,2-Dichloroethene	5.777	96	4079	1.219	ug/l		93
22) Diisopropyl ether	6.665	45	12751	1.056	ug/l	#	76
23) Vinyl Acetate	6.588	43	56320	5.126	ug/l	#	90
24) 1,1-Dichloroethane	6.541	63	7704	1.163	ug/l	#	94
25) 2-Butanone	7.471	43	16779	5.338	ug/l		95
26) 2,2-Dichloropropane	7.477	77	6425	1.131	ug/l		77
27) cis-1,2-Dichloroethene	7.477	96	4272	1.068	ug/l		94
28) Bromochloromethane	7.794	49	3426	1.070	ug/l	#	91
29) Tetrahydrofuran	7.830	42	11129	5.502	ug/l		98
30) Chloroform	7.953	83	7183	1.063	ug/l		97
32) 1,1,1-Trichloroethane	8.159	97	6468	1.129	ug/l	#	52
36) 1,1-Dichloropropene	8.353	75	5965	1.264	ug/l		90
37) Ethyl Acetate	7.547	43	7468m	1.159	ug/l		
38) Carbon Tetrachloride	8.347	117	4866	1.045	ug/l		90
39) Methylcyclohexane	9.582	83	5843	1.125	ug/l	#	87
40) Benzene	8.588	78	15783	1.091	ug/l		100
41) Methacrylonitrile	7.771	41	3967	1.188	ug/l	#	71
42) 1,2-Dichloroethane	8.659	62	6078	1.093	ug/l		95
43) Isopropyl Acetate	8.677	43	10524	1.046	ug/l	#	64
44) Trichloroethene	9.329	130	3709	1.123	ug/l		96
45) 1,2-Dichloropropane	9.594	63	4636	1.216	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.694	93	2989	1.101	ug/l		96
47) Bromodichloromethane	9.871	83	5845	1.051	ug/l	#	90
48) Methyl methacrylate	9.671	41	5091	1.069	ug/l		94
49) 1,4-Dioxane	9.700	88	1008	16.337	ug/l	#	13
51) 4-Methyl-2-Pentanone	10.423	43	29834	4.913	ug/l		99
52) Toluene	10.606	92	9776	1.090	ug/l		92
53) t-1,3-Dichloropropene	10.818	75	5278	0.917	ug/l	#	80
54) cis-1,3-Dichloropropene	10.300	75	6105	1.021	ug/l	#	80
55) 1,1,2-Trichloroethane	10.994	97	3739	1.078	ug/l	#	87
56) Ethyl methacrylate	10.865	69	4529	0.817	ug/l	#	89
57) 1,3-Dichloropropane	11.141	76	6652	1.083	ug/l		90
58) 2-Chloroethyl Vinyl ether	10.141	63	15333	5.109	ug/l		100
59) 2-Hexanone	11.200	43	12564	3.274	ug/l		94
60) Dibromochloromethane	11.347	129	4554	1.133	ug/l		93
61) 1,2-Dibromoethane	11.447	107	3511	0.960	ug/l		93
64) Tetrachloroethene	11.076	164	3433	1.288	ug/l	#	84
65) Chlorobenzene	11.876	112	10823	1.132	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	3009	0.948	ug/l	#	64
67) Ethyl Benzene	11.941	91	17159	1.037	ug/l		92
68) m/p-Xylenes	12.047	106	11663	1.921	ug/l		90
69) o-Xylene	12.376	106	5970	1.003	ug/l		100
70) Styrene	12.394	104	8781	0.881	ug/l		97
71) Bromoform	12.559	173	2328	0.956	ug/l	#	84
73) Isopropylbenzene	12.676	105	15118	1.071	ug/l		92
74) N-amyl acetate	13.012	43	5481m	1.010	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	5198	1.070	ug/l		95
76) 1,2,3-Trichloropropane	12.970	75	4451m	1.084	ug/l		
77) Bromobenzene	12.970	156	3560	1.070	ug/l		96
78) n-propylbenzene	13.017	91	17943	1.032	ug/l		98
79) 2-Chlorotoluene	13.112	91	10167	0.972	ug/l		85
80) 1,3,5-Trimethylbenzene	13.147	105	12525	1.046	ug/l		92
82) 4-Chlorotoluene	13.200	91	11708	1.065	ug/l		96
83) tert-Butylbenzene	13.417	119	10175	1.020	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	12231	1.021	ug/l		99
85) sec-Butylbenzene	13.588	105	15591	1.053	ug/l		95
86) p-Isopropyltoluene	13.706	119	12768	1.044	ug/l		98
87) 1,3-Dichlorobenzene	13.717	146	7290	1.113	ug/l		89
88) 1,4-Dichlorobenzene	13.782	146	8201m	1.203	ug/l		
89) n-Butylbenzene	14.029	91	13148	1.083	ug/l		96
90) Hexachloroethane	14.311	117	2591	1.113	ug/l		100
91) 1,2-Dichlorobenzene	14.094	146	6783	1.091	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1293	1.120	ug/l		83
93) 1,2,4-Trichlorobenzene	15.376	180	4163	1.115	ug/l		88
94) Hexachlorobutadiene	15.470	225	1637	1.230	ug/l		97
95) Naphthalene	15.617	128	13934	1.054	ug/l		98
96) 1,2,3-Trichlorobenzene	15.811	180	3983	1.091	ug/l		89

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

ICAL Form

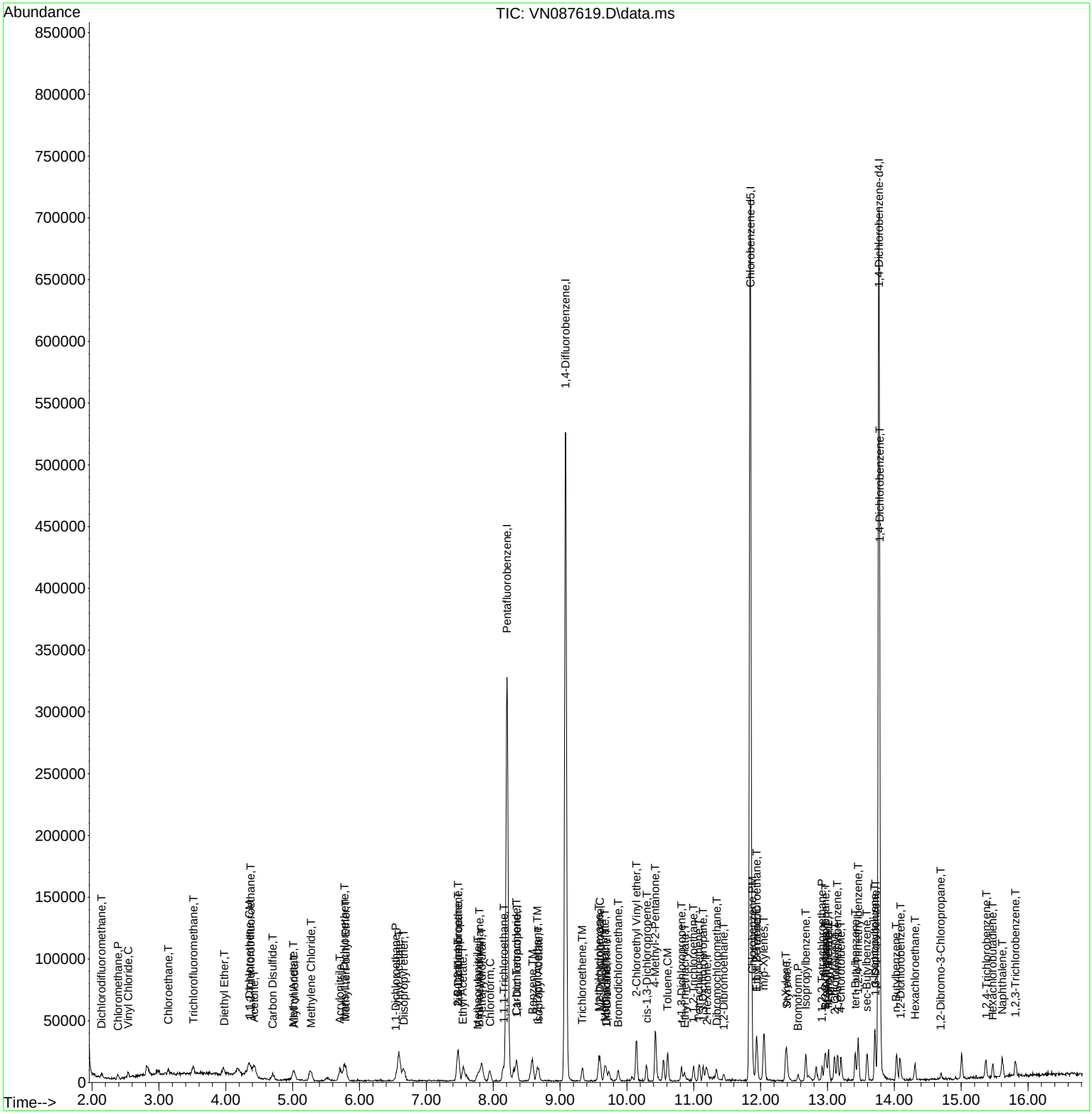
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087619.D
Acq On : 21 Aug 2025 12:09
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 02:28:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	230389	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	446380	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.841	117	411161	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194457	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	23607	5.001	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.000%#			
35) Dibromofluoromethane	8.141	113	16452	5.105	ug/l		-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#			
50) Toluene-d8	10.547	98	61777	5.121	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%#			
62) 4-Bromofluorobenzene	12.829	95	19896	4.638	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.280%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	13341	4.077	ug/l		91
3) Chloromethane	2.383	50	14670	4.363	ug/l	#	87
4) Vinyl Chloride	2.542	62	17021	4.366	ug/l		96
5) Bromomethane	2.971	94	8950	4.449	ug/l	#	67
6) Chloroethane	3.130	64	12160	4.437	ug/l		99
7) Trichlorofluoromethane	3.512	101	26231	4.592	ug/l	#	69
8) Diethyl Ether	3.959	74	11532	4.635	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.371	101	14929	4.619	ug/l	#	85
10) Methyl Iodide	4.583	142	6109	8.995	ug/l		90
11) Tert butyl alcohol	5.530	59	19630	23.954	ug/l	#	71
12) 1,1-Dichloroethene	4.336	96	14950	4.501	ug/l		89
13) Acrolein	4.183	56	28918	28.704	ug/l		96
14) Allyl chloride	5.012	41	27277	4.532	ug/l		94
15) Acrylonitrile	5.706	53	53640	23.209	ug/l		99
16) Acetone	4.418	43	73025	28.418	ug/l		97
17) Carbon Disulfide	4.694	76	40223	4.399	ug/l	#	94
18) Methyl Acetate	5.012	43	24038	4.468	ug/l	#	61
19) Methyl tert-butyl Ether	5.783	73	57783	4.637	ug/l		98
20) Methylene Chloride	5.253	84	21101	4.549	ug/l	#	80
21) trans-1,2-Dichloroethene	5.777	96	16922	4.701	ug/l		96
22) Diisopropyl ether	6.653	45	59705	4.596	ug/l		99
23) Vinyl Acetate	6.588	43	274045	23.189	ug/l		98
24) 1,1-Dichloroethane	6.565	63	34563	4.853	ug/l		98
25) 2-Butanone	7.477	43	83189	24.607	ug/l		93
26) 2,2-Dichloropropane	7.482	77	28641	4.685	ug/l		97
27) cis-1,2-Dichloroethene	7.465	96	21105	4.904	ug/l		95
28) Bromochloromethane	7.788	49	17986	5.224	ug/l	#	98
29) Tetrahydrofuran	7.830	42	49801	22.890	ug/l		97
30) Chloroform	7.953	83	35366	4.865	ug/l		89
31) Cyclohexane	8.241	56	34337	5.783	ug/l	#	96
32) 1,1,1-Trichloroethane	8.147	97	29878	4.850	ug/l		90
36) 1,1-Dichloropropene	8.353	75	22697	4.591	ug/l		96
37) Ethyl Acetate	7.547	43	31230m	4.622	ug/l		
38) Carbon Tetrachloride	8.341	117	22716	4.653	ug/l	#	84
39) Methylcyclohexane	9.576	83	25902	4.758	ug/l		91
40) Benzene	8.582	78	73071	4.818	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	15464	4.419	ug/l	#	95
42) 1,2-Dichloroethane	8.653	62	27989	4.803	ug/l		95
43) Isopropyl Acetate	8.671	43	48032	4.554	ug/l		99
44) Trichloroethene	9.329	130	17267	4.987	ug/l		91
45) 1,2-Dichloropropane	9.606	63	19397	4.853	ug/l		95
46) Dibromomethane	9.694	93	13115	4.611	ug/l		91
47) Bromodichloromethane	9.865	83	28992	4.973	ug/l		99
48) Methyl methacrylate	9.659	41	22006	4.411	ug/l		94
49) 1,4-Dioxane	9.682	88	6079	94.002	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.423	43	150608	23.665	ug/l		97
52) Toluene	10.606	92	44071	4.688	ug/l		98
53) t-1,3-Dichloropropene	10.812	75	28043	4.647	ug/l		92
54) cis-1,3-Dichloropropene	10.288	75	28580	4.561	ug/l		95
55) 1,1,2-Trichloroethane	10.994	97	17105	4.703	ug/l		96
56) Ethyl methacrylate	10.853	69	24379	4.194	ug/l	#	92
57) 1,3-Dichloropropane	11.141	76	29300	4.552	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.141	63	74236	23.598	ug/l		100
59) 2-Hexanone	11.182	43	87097	21.654	ug/l		98
60) Dibromochloromethane	11.335	129	19653	4.664	ug/l		100
61) 1,2-Dibromoethane	11.447	107	19347	5.045	ug/l		93
64) Tetrachloroethene	11.082	164	14530	5.094	ug/l	#	82
65) Chlorobenzene	11.870	112	47879	4.681	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.935	131	16599	4.888	ug/l		88
67) Ethyl Benzene	11.941	91	81935	4.626	ug/l		98
68) m/p-Xylenes	12.053	106	60444	9.306	ug/l		96
69) o-Xylene	12.376	106	29064	4.566	ug/l		98
70) Styrene	12.388	104	44658	4.188	ug/l		93
71) Bromoform	12.559	173	11710	4.496	ug/l	#	92
73) Isopropylbenzene	12.670	105	71448	4.547	ug/l		98
74) N-amyl acetate	12.670	43	29903m	4.946	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	26850	4.963	ug/l		95
76) 1,2,3-Trichloropropane	12.976	75	22762m	4.980	ug/l		
77) Bromobenzene	12.959	156	17527	4.731	ug/l		97
78) n-propylbenzene	13.012	91	88388	4.567	ug/l		99
79) 2-Chlorotoluene	13.100	91	57432	4.931	ug/l		94
80) 1,3,5-Trimethylbenzene	13.153	105	61434	4.609	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	6458	3.749	ug/l		87
82) 4-Chlorotoluene	13.200	91	58355	4.765	ug/l		96
83) tert-Butylbenzene	13.417	119	51989	4.680	ug/l		98
84) 1,2,4-Trimethylbenzene	13.464	105	60099	4.504	ug/l		98
85) sec-Butylbenzene	13.594	105	78154	4.741	ug/l		98
86) p-Isopropyltoluene	13.706	119	63187	4.642	ug/l		98
87) 1,3-Dichlorobenzene	13.711	146	34424	4.718	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	36629	4.824	ug/l		95
89) n-Butylbenzene	14.035	91	62374	4.614	ug/l		99
90) Hexachloroethane	14.306	117	11787	4.545	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	32320	4.669	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6280	4.887	ug/l		86
93) 1,2,4-Trichlorobenzene	15.364	180	19345	4.654	ug/l		97
94) Hexachlorobutadiene	15.470	225	7207	4.864	ug/l		96
95) Naphthalene	15.611	128	63009	4.280	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	18896	4.650	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

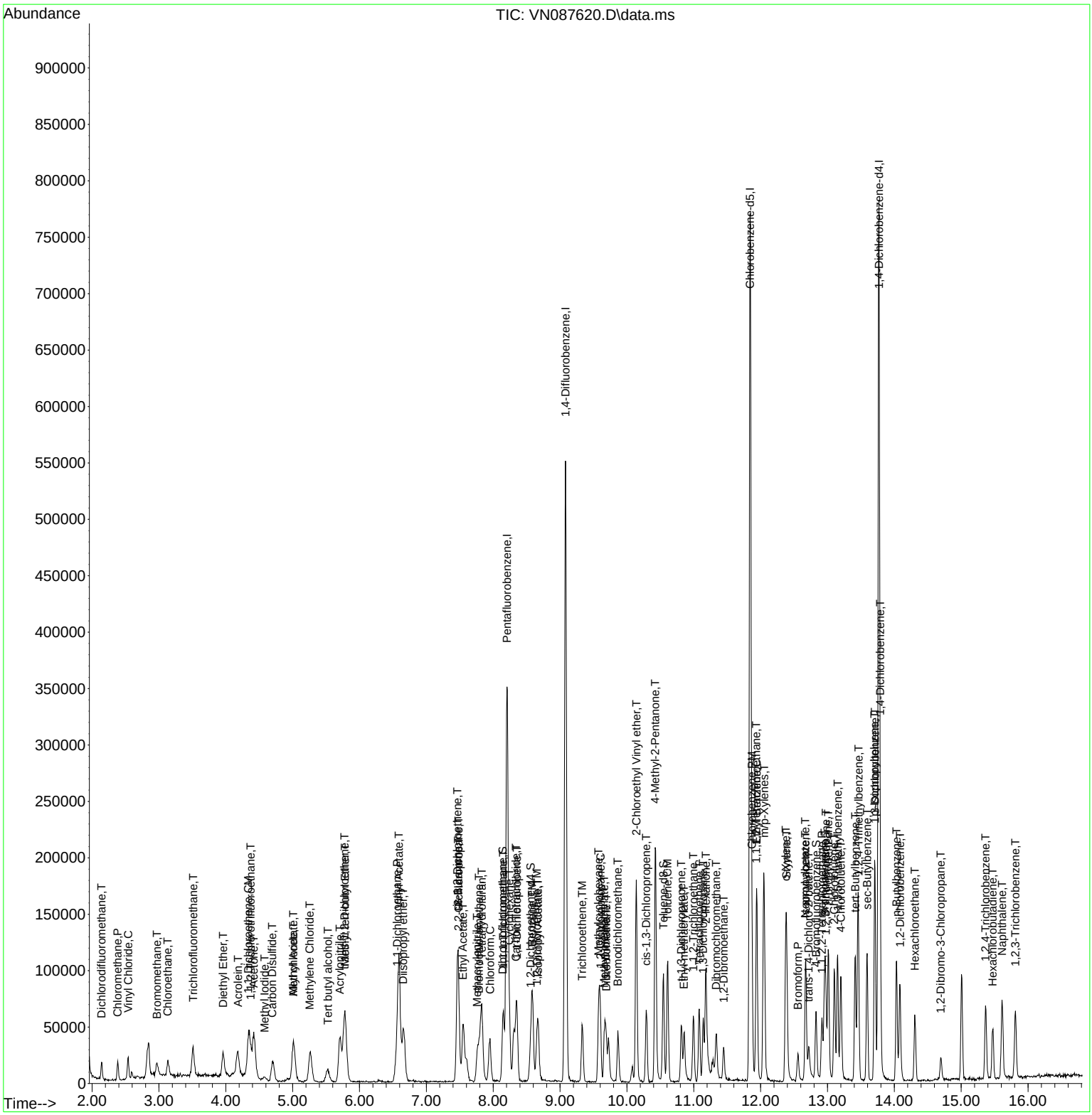
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087620.D
Acq On : 21 Aug 2025 13:08
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 22 02:29:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	225514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	446006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	409187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	204594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	91607	19.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.660%#		
35) Dibromofluoromethane	8.153	113	61315	19.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.080%#		
50) Toluene-d8	10.547	98	225931	18.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.500%#		
62) 4-Bromofluorobenzene	12.829	95	80936	18.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	37.760%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	54651	17.063	ug/l	96
3) Chloromethane	2.383	50	64072	19.466	ug/l	95
4) Vinyl Chloride	2.536	62	75059	19.667	ug/l	99
5) Bromomethane	2.971	94	35415	17.984	ug/l	90
6) Chloroethane	3.136	64	54039	20.146	ug/l	98
7) Trichlorofluoromethane	3.506	101	112067	20.042	ug/l	92
8) Diethyl Ether	3.954	74	49068	20.150	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	61080	19.305	ug/l	96
10) Methyl Iodide	4.583	142	32047	18.518	ug/l #	97
11) Tert butyl alcohol	5.524	59	84156	104.914	ug/l	98
12) 1,1-Dichloroethene	4.336	96	65870	20.259	ug/l	93
13) Acrolein	4.171	56	89266	90.522	ug/l	99
14) Allyl chloride	5.012	41	113139	19.202	ug/l	96
15) Acrylonitrile	5.706	53	230008	101.673	ug/l	99
16) Acetone	4.418	43	263348	104.700	ug/l	97
17) Carbon Disulfide	4.701	76	177734	19.857	ug/l	100
18) Methyl Acetate	5.012	43	98949	18.789	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	247157	20.264	ug/l	99
20) Methylene Chloride	5.265	84	78920	20.972	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	69321	19.672	ug/l	95
22) Diisopropyl ether	6.653	45	261888	20.597	ug/l	97
23) Vinyl Acetate	6.589	43	1120284	96.845	ug/l	99
24) 1,1-Dichloroethane	6.553	63	139765	20.048	ug/l	99
25) 2-Butanone	7.465	43	341538	103.210	ug/l	99
26) 2,2-Dichloropropane	7.477	77	119616	19.991	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	84502	20.059	ug/l	97
28) Bromochloromethane	7.800	49	65173	19.338	ug/l	97
29) Tetrahydrofuran	7.830	42	215847	101.354	ug/l	98
30) Chloroform	7.947	83	146915	20.647	ug/l	99
31) Cyclohexane	8.241	56	118194	20.337	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	122634	20.336	ug/l	99
36) 1,1-Dichloropropene	8.353	75	98127	19.863	ug/l	98
37) Ethyl Acetate	7.547	43	135691	20.101	ug/l	97
38) Carbon Tetrachloride	8.341	117	101311	20.771	ug/l	92
39) Methylcyclohexane	9.577	83	108801	20.005	ug/l	97
40) Benzene	8.588	78	308160	20.338	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	69274	19.811	ug/l		98
42) 1,2-Dichloroethane	8.653	62	120495	20.694	ug/l		98
43) Isopropyl Acetate	8.671	43	216674	20.559	ug/l		99
44) Trichloroethene	9.336	130	69650	20.134	ug/l		92
45) 1,2-Dichloropropane	9.600	63	79779	19.975	ug/l		99
46) Dibromomethane	9.688	93	58410	20.551	ug/l		99
47) Bromodichloromethane	9.871	83	118959	20.423	ug/l		90
48) Methyl methacrylate	9.665	41	101988	20.458	ug/l		99
49) 1,4-Dioxane	9.688	88	29266	452.929	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	663566	104.353	ug/l		100
52) Toluene	10.612	92	189511	20.175	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	123317	20.453	ug/l		98
54) cis-1,3-Dichloropropene	10.294	75	127086	20.300	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	74360	20.463	ug/l		96
56) Ethyl methacrylate	10.859	69	121534	20.928	ug/l		97
57) 1,3-Dichloropropane	11.141	76	132575	20.615	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	272481	86.689	ug/l		100
59) 2-Hexanone	11.177	43	439624	109.392	ug/l		99
60) Dibromochloromethane	11.335	129	81730	19.411	ug/l		99
61) 1,2-Dibromoethane	11.447	107	79247	20.682	ug/l		97
64) Tetrachloroethene	11.082	164	55688	19.616	ug/l		97
65) Chlorobenzene	11.871	112	205088	20.146	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.935	131	69837	20.664	ug/l		99
67) Ethyl Benzene	11.941	91	364023	20.653	ug/l		98
68) m/p-Xylenes	12.053	106	265461	41.067	ug/l		99
69) o-Xylene	12.377	106	129958	20.515	ug/l		99
70) Styrene	12.388	104	227729	21.458	ug/l		100
71) Bromoform	12.559	173	52443	20.233	ug/l	#	98
73) Isopropylbenzene	12.676	105	335219	20.276	ug/l		99
74) N-amyl acetate	12.547	43	103508m	16.273	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	116302	20.433	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	97260m	20.223	ug/l		
77) Bromobenzene	12.959	156	80835	20.737	ug/l		98
78) n-propylbenzene	13.012	91	419422	20.596	ug/l		99
79) 2-Chlorotoluene	13.106	91	255043	20.812	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	286272	20.412	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	34072	18.801	ug/l		88
82) 4-Chlorotoluene	13.200	91	263916	20.483	ug/l		99
83) tert-Butylbenzene	13.418	119	237268	20.302	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	290636	20.701	ug/l		99
85) sec-Butylbenzene	13.594	105	357394	20.607	ug/l		99
86) p-Isopropyltoluene	13.706	119	290561	20.288	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	158749	20.680	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	160067	20.037	ug/l		98
89) n-Butylbenzene	14.035	91	293738	20.652	ug/l		99
90) Hexachloroethane	14.312	117	55637	20.391	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	151644	20.823	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	26895	19.891	ug/l		96
93) 1,2,4-Trichlorobenzene	15.365	180	88494	20.236	ug/l		97
94) Hexachlorobutadiene	15.476	225	31498	20.203	ug/l		97
95) Naphthalene	15.612	128	304789	19.677	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	86694	20.278	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

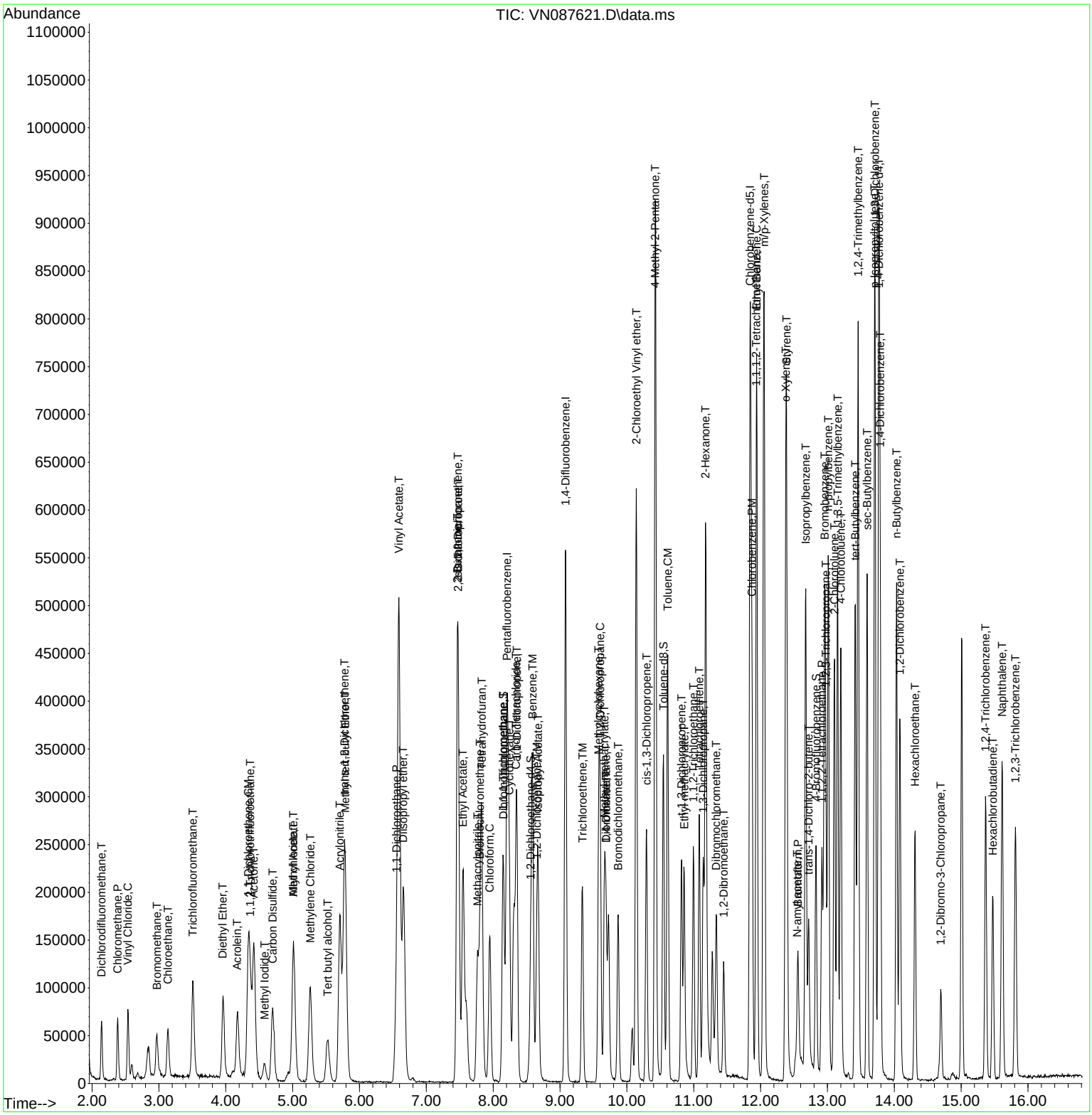
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087621.D
Acq On : 21 Aug 2025 13:41
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 02:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	234546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	468145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	438262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	220862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	224856	46.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.580%			
35) Dibromofluoromethane	8.153	113	156332	46.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.500%			
50) Toluene-d8	10.547	98	572648	45.266	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.540%			
62) 4-Bromofluorobenzene	12.823	95	210592	46.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	189901	57.007	ug/l	100
3) Chloromethane	2.383	50	186373	54.441	ug/l	100
4) Vinyl Chloride	2.542	62	211909	53.387	ug/l	100
5) Bromomethane	2.971	94	105105	51.318	ug/l	100
6) Chloroethane	3.136	64	141335	50.661	ug/l	100
7) Trichlorofluoromethane	3.512	101	298853	51.389	ug/l	100
8) Diethyl Ether	3.953	74	124074	48.989	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	162971	49.526	ug/l	100
10) Methyl Iodide	4.577	142	112901	46.467	ug/l	100
11) Tert butyl alcohol	5.518	59	216189	259.137	ug/l	100
12) 1,1-Dichloroethene	4.336	96	164165	48.547	ug/l	100
13) Acrolein	4.171	56	251949	245.655	ug/l	100
14) Allyl chloride	5.006	41	290757	47.448	ug/l	100
15) Acrylonitrile	5.706	53	584519	248.432	ug/l	100
16) Acetone	4.424	43	612147	234.001	ug/l	100
17) Carbon Disulfide	4.700	76	469891	50.475	ug/l	100
18) Methyl Acetate	5.012	43	271363	49.542	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	641051	50.534	ug/l	100
20) Methylene Chloride	5.265	84	193144	51.071	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	175989	48.020	ug/l	100
22) Diisopropyl ether	6.659	45	673069	50.897	ug/l	100
23) Vinyl Acetate	6.589	43	3156445	262.358	ug/l	100
24) 1,1-Dichloroethane	6.547	63	352088	48.560	ug/l	100
25) 2-Butanone	7.465	43	858584	249.467	ug/l	100
26) 2,2-Dichloropropane	7.477	77	308944	49.645	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	220668	50.366	ug/l	100
28) Bromochloromethane	7.800	49	164506	46.931	ug/l	100
29) Tetrahydrofuran	7.824	42	555506	250.802	ug/l	100
30) Chloroform	7.947	83	370301	50.036	ug/l	100
31) Cyclohexane	8.236	56	289400	47.878	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	305533	48.715	ug/l	100
36) 1,1-Dichloropropene	8.353	75	247135	47.660	ug/l	100
37) Ethyl Acetate	7.547	43	347439	49.034	ug/l	100
38) Carbon Tetrachloride	8.341	117	253643	49.543	ug/l	100
39) Methylcyclohexane	9.583	83	276006	48.348	ug/l	100
40) Benzene	8.588	78	788238	49.562	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	182028	49.594	ug/l		100
42) 1,2-Dichloroethane	8.653	62	304323	49.794	ug/l		100
43) Isopropyl Acetate	8.671	43	560899	50.703	ug/l		100
44) Trichloroethene	9.330	130	176493	48.607	ug/l		100
45) 1,2-Dichloropropane	9.600	63	202893	48.398	ug/l		100
46) Dibromomethane	9.688	93	148909	49.915	ug/l		100
47) Bromodichloromethane	9.871	83	298888	48.886	ug/l		100
48) Methyl methacrylate	9.665	41	261445	49.964	ug/l		100
49) 1,4-Dioxane	9.683	88	72780	1073.097	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.424	43	1722397	258.056	ug/l		100
52) Toluene	10.606	92	491725	49.872	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	329003	51.987	ug/l		100
54) cis-1,3-Dichloropropene	10.288	75	335961	51.127	ug/l		100
55) 1,1,2-Trichloroethane	10.994	97	190842	50.035	ug/l		100
56) Ethyl methacrylate	10.853	69	330271	54.182	ug/l		100
57) 1,3-Dichloropropane	11.141	76	342170	50.690	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	829191	251.329	ug/l		100
59) 2-Hexanone	11.177	43	1194193	283.100	ug/l		100
60) Dibromochloromethane	11.335	129	218275	49.389	ug/l		100
61) 1,2-Dibromoethane	11.447	107	202283	50.296	ug/l		100
64) Tetrachloroethene	11.082	164	137281	45.149	ug/l		100
65) Chlorobenzene	11.871	112	530421	48.648	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	184496	50.970	ug/l		100
67) Ethyl Benzene	11.941	91	939520	49.767	ug/l		100
68) m/p-Xylenes	12.047	106	711871	102.820	ug/l		100
69) o-Xylene	12.376	106	348655	51.386	ug/l		100
70) Styrene	12.388	104	605599	53.277	ug/l		100
71) Bromoform	12.559	173	140399	50.575	ug/l		100
73) Isopropylbenzene	12.671	105	889165	49.821	ug/l		100
74) N-amyl acetate	12.500	43	343435m	50.016	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	301018	48.990	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	236877m	45.626	ug/l		
77) Bromobenzene	12.959	156	207789	49.379	ug/l		100
78) n-propylbenzene	13.012	91	1109533	50.472	ug/l		100
79) 2-Chlorotoluene	13.100	91	657210	49.679	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	766722	50.642	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	99551	50.885	ug/l		100
82) 4-Chlorotoluene	13.200	91	696270	50.059	ug/l		100
83) tert-Butylbenzene	13.418	119	642869	50.955	ug/l		100
84) 1,2,4-Trimethylbenzene	13.459	105	772176	50.948	ug/l		100
85) sec-Butylbenzene	13.594	105	933105	49.838	ug/l		100
86) p-Isopropyltoluene	13.706	119	779657	50.430	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	403466	48.688	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	412346	47.815	ug/l		100
89) n-Butylbenzene	14.029	91	764482	49.789	ug/l		100
90) Hexachloroethane	14.312	117	144635	49.105	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	387612	49.303	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	70059	47.997	ug/l		100
93) 1,2,4-Trichlorobenzene	15.365	180	226580	47.995	ug/l		100
94) Hexachlorobutadiene	15.476	225	78424	46.597	ug/l		100
95) Naphthalene	15.612	128	829102	49.583	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	222211	48.148	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

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

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

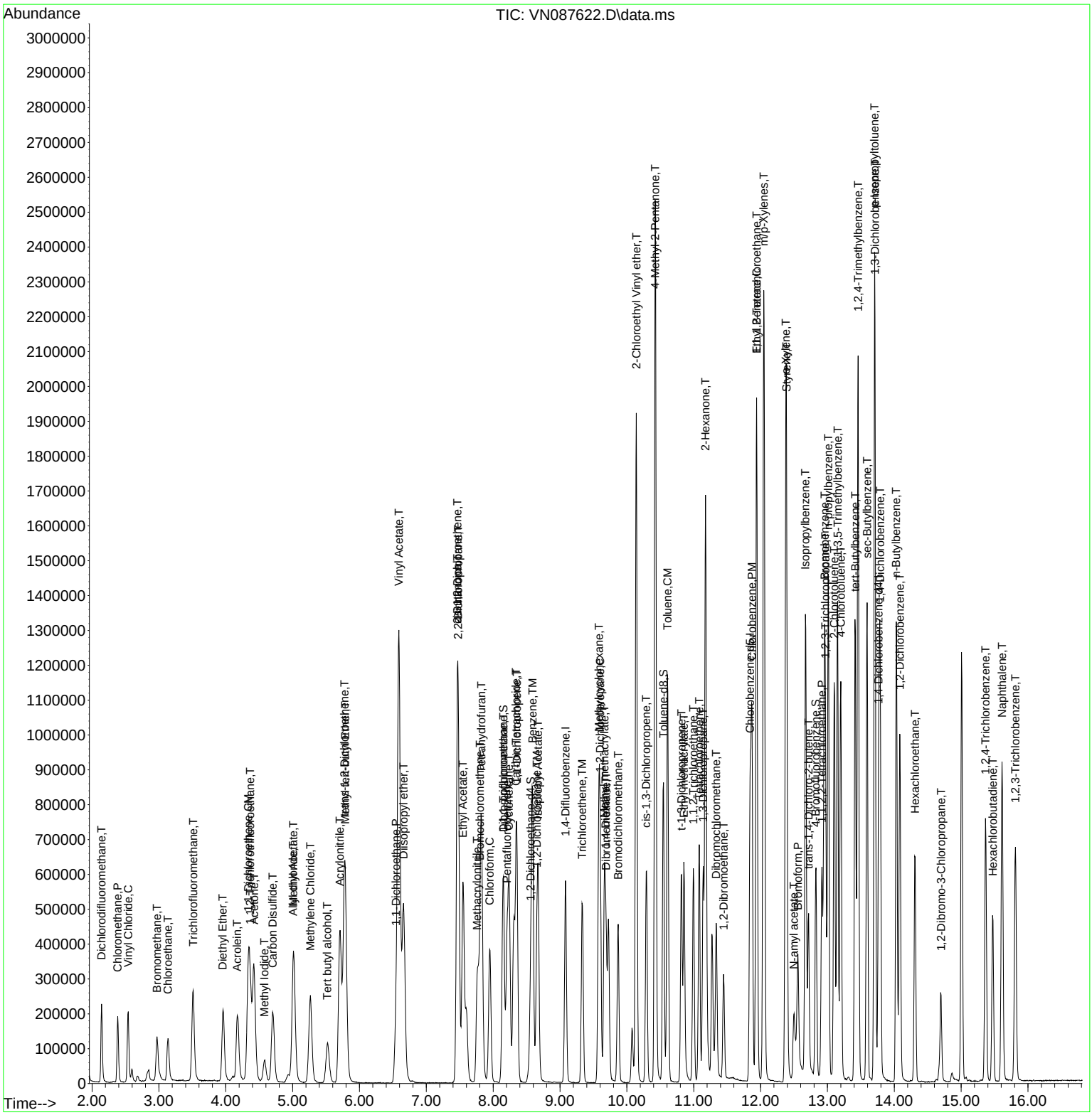
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087622.D
Acq On : 21 Aug 2025 14:02
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 22 02:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	247255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	481199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	447994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	511669	101.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.000%#			
35) Dibromofluoromethane	8.147	113	358663	103.235	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 206.460%#			
50) Toluene-d8	10.547	98	1354664	104.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 208.360%#			
62) 4-Bromofluorobenzene	12.829	95	494494	106.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.860%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	384461	109.480	ug/l	97
3) Chloromethane	2.383	50	371688	102.992	ug/l	99
4) Vinyl Chloride	2.536	62	418975	100.128	ug/l	97
5) Bromomethane	2.959	94	230328	106.679	ug/l	97
6) Chloroethane	3.124	64	276071	93.871	ug/l	99
7) Trichlorofluoromethane	3.506	101	606894	98.995	ug/l	100
8) Diethyl Ether	3.959	74	252092	94.419	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	323480	93.250	ug/l	99
10) Methyl Iodide	4.577	142	277692	99.335	ug/l	96
11) Tert butyl alcohol	5.530	59	430345	489.322	ug/l	99
12) 1,1-Dichloroethene	4.330	96	329881	92.539	ug/l	95
13) Acrolein	4.171	56	484654	448.258	ug/l	100
14) Allyl chloride	5.012	41	597335	92.467	ug/l	99
15) Acrylonitrile	5.706	53	1204622	485.671	ug/l	99
16) Acetone	4.424	43	1195609	433.545	ug/l	99
17) Carbon Disulfide	4.700	76	957812	97.598	ug/l	98
18) Methyl Acetate	5.012	43	552409	95.669	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	1306892	97.726	ug/l	98
20) Methylene Chloride	5.259	84	385191	97.752	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	364392	94.317	ug/l	95
22) Diisopropyl ether	6.659	45	1368059	98.135	ug/l	98
23) Vinyl Acetate	6.588	43	6369332	502.195	ug/l	98
24) 1,1-Dichloroethane	6.553	63	719127	94.084	ug/l	98
25) 2-Butanone	7.471	43	1730205	476.881	ug/l	98
26) 2,2-Dichloropropane	7.471	77	631604	96.278	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	449130	97.241	ug/l	100
28) Bromochloromethane	7.794	49	369878	100.097	ug/l	99
29) Tetrahydrofuran	7.824	42	1140137	488.295	ug/l	100
30) Chloroform	7.947	83	751186	96.286	ug/l	97
31) Cyclohexane	8.235	56	593829	93.193	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	625473	94.602	ug/l	98
36) 1,1-Dichloropropene	8.353	75	502476	94.275	ug/l	99
37) Ethyl Acetate	7.547	43	703230	96.555	ug/l	99
38) Carbon Tetrachloride	8.341	117	528406	100.412	ug/l	93
39) Methylcyclohexane	9.582	83	574374	97.883	ug/l	98
40) Benzene	8.588	78	1577387	96.490	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	369145	97.845	ug/l		99
42) 1,2-Dichloroethane	8.653	62	600726	95.625	ug/l		99
43) Isopropyl Acetate	8.671	43	1142494	100.474	ug/l		99
44) Trichloroethene	9.329	130	353426	94.694	ug/l		99
45) 1,2-Dichloropropane	9.600	63	399209	92.644	ug/l		99
46) Dibromomethane	9.688	93	298076	97.207	ug/l		99
47) Bromodichloromethane	9.871	83	613683	97.651	ug/l		95
48) Methyl methacrylate	9.665	41	543991	101.141	ug/l		99
49) 1,4-Dioxane	9.682	88	148991	2137.188	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.423	43	3455510	503.673	ug/l		99
52) Toluene	10.612	92	998331	98.507	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	672690	103.410	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	686982	101.709	ug/l		98
55) 1,1,2-Trichloroethane	10.994	97	385129	98.234	ug/l		96
56) Ethyl methacrylate	10.853	69	688119	109.827	ug/l		99
57) 1,3-Dichloropropane	11.141	76	681646	98.241	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1799387	530.602	ug/l		99
59) 2-Hexanone	11.176	43	2445031	563.903	ug/l		100
60) Dibromochloromethane	11.335	129	447781	98.572	ug/l		100
61) 1,2-Dibromoethane	11.447	107	412721	99.836	ug/l		98
64) Tetrachloroethene	11.082	164	282055	90.747	ug/l		95
65) Chlorobenzene	11.870	112	1089532	97.756	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	373160	100.851	ug/l		99
67) Ethyl Benzene	11.941	91	1928084	99.914	ug/l		99
68) m/p-Xylenes	12.047	106	1448543	204.677	ug/l		100
69) o-Xylene	12.376	106	705872	101.775	ug/l		99
70) Styrene	12.388	104	1242271	106.913	ug/l		99
71) Bromoform	12.559	173	300919	106.042	ug/l	#	98
73) Isopropylbenzene	12.670	105	1813905	98.947	ug/l		99
74) N-amyl acetate	12.488	43	692783	98.225	ug/l	#	92
75) 1,1,2,2-Tetrachloroethane	12.917	83	599955	95.058	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	487205m	91.360	ug/l		
77) Bromobenzene	12.959	156	421382	97.488	ug/l		100
78) n-propylbenzene	13.011	91	2252725	99.764	ug/l		100
79) 2-Chlorotoluene	13.100	91	1350026	99.349	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	1541753	99.138	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	223478	111.207	ug/l		85
82) 4-Chlorotoluene	13.200	91	1392464	97.464	ug/l		98
83) tert-Butylbenzene	13.417	119	1296218	100.022	ug/l		100
84) 1,2,4-Trimethylbenzene	13.459	105	1574771	101.155	ug/l		100
85) sec-Butylbenzene	13.594	105	1888785	98.213	ug/l		100
86) p-Isopropyltoluene	13.706	119	1589055	100.064	ug/l		99
87) 1,3-Dichlorobenzene	13.711	146	819384	96.262	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	824944	93.128	ug/l		99
89) n-Butylbenzene	14.029	91	1541853	97.761	ug/l		99
90) Hexachloroethane	14.306	117	294494	97.338	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	781928	96.828	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	142185	94.833	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	471693	97.272	ug/l		99
94) Hexachlorobutadiene	15.476	225	157139	90.896	ug/l		99
95) Naphthalene	15.611	128	1777069	103.462	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	462335	97.526	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

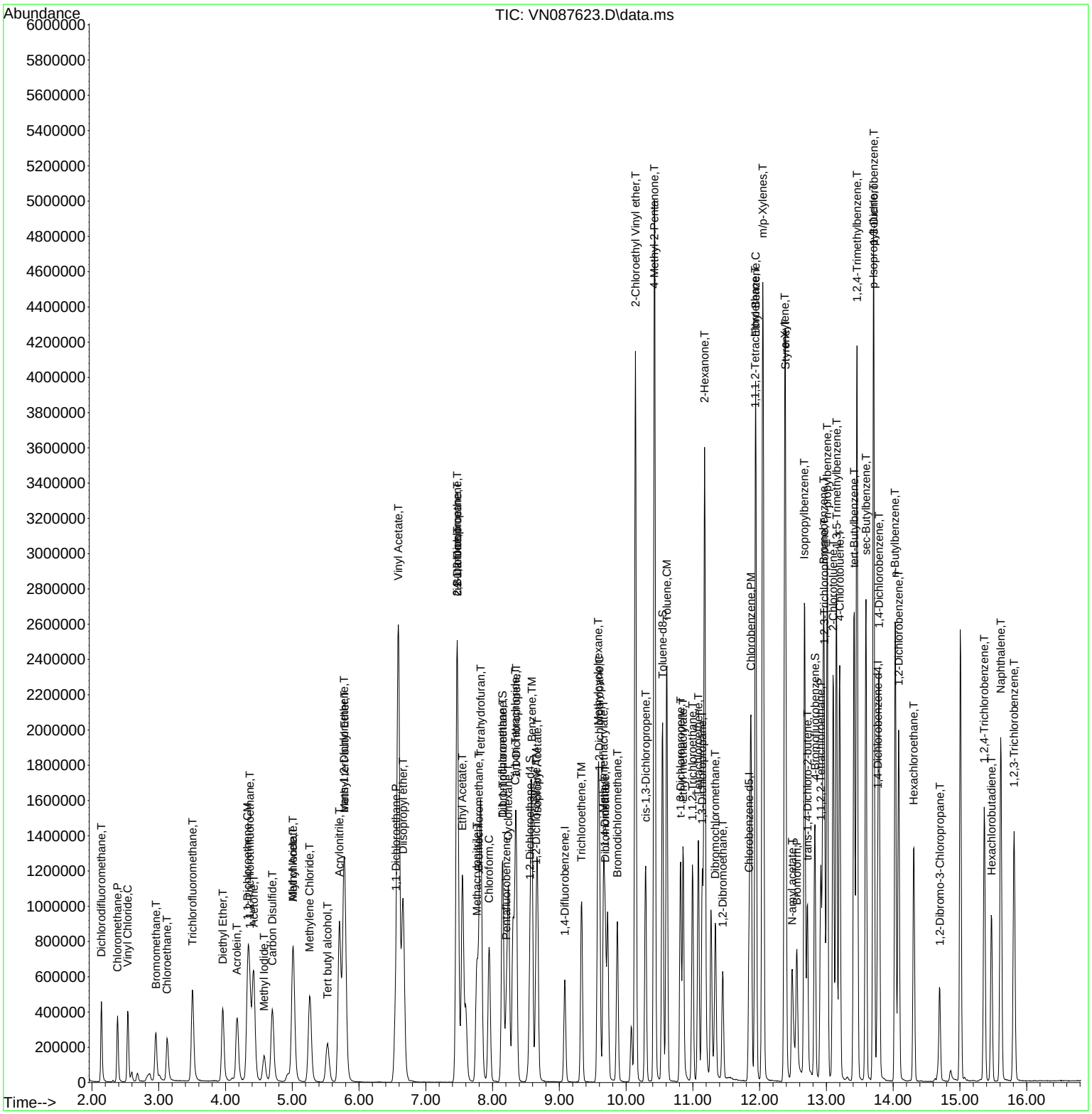
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087623.D
Acq On : 21 Aug 2025 14:23
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 22 02:33:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	245979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	485482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	220585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	803343	159.399	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 318.800%#			
35) Dibromofluoromethane	8.147	113	562370	160.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 320.880%#			
50) Toluene-d8	10.547	98	2147647	163.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 327.400%#			
62) 4-Bromofluorobenzene	12.823	95	785776	168.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 336.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	576704	165.075	ug/l	97
3) Chloromethane	2.383	50	550985	153.466	ug/l	98
4) Vinyl Chloride	2.536	62	624259	149.961	ug/l	96
5) Bromomethane	2.942	94	360172	167.683	ug/l	96
6) Chloroethane	3.124	64	408766	139.711	ug/l	99
7) Trichlorofluoromethane	3.506	101	909991	149.205	ug/l	94
8) Diethyl Ether	3.959	74	383278	144.299	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	484239	140.317	ug/l	98
10) Methyl Iodide	4.577	142	432564	151.685	ug/l	97
11) Tert butyl alcohol	5.530	59	641433	733.123	ug/l	98
12) 1,1-Dichloroethene	4.336	96	506728	142.886	ug/l	97
13) Acrolein	4.171	56	861137	800.600	ug/l	99
14) Allyl chloride	5.012	41	1015124	157.956	ug/l	93
15) Acrylonitrile	5.706	53	1818844	737.113	ug/l	99
16) Acetone	4.424	43	1805178	657.978	ug/l	98
17) Carbon Disulfide	4.700	76	1460081	149.550	ug/l	100
18) Methyl Acetate	5.012	43	842183	146.610	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	2023752	152.117	ug/l	97
20) Methylene Chloride	5.259	84	589373	151.029	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	549970	143.089	ug/l	98
22) Diisopropyl ether	6.659	45	2071435	149.361	ug/l	99
23) Vinyl Acetate	6.589	43	9699326	768.719	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1085255	142.721	ug/l	98
25) 2-Butanone	7.471	43	2610414	723.217	ug/l	99
26) 2,2-Dichloropropane	7.471	77	956513	146.562	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	667748	145.324	ug/l	98
28) Bromochloromethane	7.794	49	539576	146.779	ug/l	99
29) Tetrahydrofuran	7.824	42	1725889	742.994	ug/l	100
30) Chloroform	7.947	83	1127250	145.239	ug/l	98
31) Cyclohexane	8.241	56	890974	140.551	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	950731	144.543	ug/l	97
36) 1,1-Dichloropropene	8.353	75	748756	139.242	ug/l	99
37) Ethyl Acetate	7.547	43	1064446	144.861	ug/l	98
38) Carbon Tetrachloride	8.341	117	789246	148.656	ug/l	98
39) Methylcyclohexane	9.583	83	867837	146.589	ug/l	98
40) Benzene	8.588	78	2405823	145.868	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.765	41	552329	145.108 ug/l		97
42) 1,2-Dichloroethane	8.653	62	912127	143.914 ug/l		99
43) Isopropyl Acetate	8.671	43	1715458	149.531 ug/l		98
44) Trichloroethene	9.335	130	538839	143.098 ug/l		99
45) 1,2-Dichloropropane	9.600	63	600437	138.113 ug/l		100
46) Dibromomethane	9.688	93	454128	146.791 ug/l		99
47) Bromodichloromethane	9.865	83	931257	146.876 ug/l		96
48) Methyl methacrylate	9.665	41	826047	152.226 ug/l		99
49) 1,4-Dioxane	9.683	88	204489	2907.396 ug/l	#	99
51) 4-Methyl-2-Pentanone	10.424	43	5127143	740.736 ug/l		99
52) Toluene	10.612	92	1505069	147.197 ug/l		100
53) t-1,3-Dichloropropene	10.818	75	1040899	158.602 ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	1034308	151.780 ug/l		99
55) 1,1,2-Trichloroethane	10.994	97	578828	146.338 ug/l		97
56) Ethyl methacrylate	10.853	69	1058252	167.411 ug/l		99
57) 1,3-Dichloropropane	11.141	76	1028391	146.908 ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	2825105	825.716 ug/l		99
59) 2-Hexanone	11.177	43	3690702	843.686 ug/l		100
60) Dibromochloromethane	11.335	129	680951	148.578 ug/l		100
61) 1,2-Dibromoethane	11.447	107	621238	148.950 ug/l		98
64) Tetrachloroethene	11.082	164	421013	135.369 ug/l		96
65) Chlorobenzene	11.871	112	1629434	146.105 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	562761	151.997 ug/l		99
67) Ethyl Benzene	11.941	91	2928525	151.661 ug/l		98
68) m/p-Xylenes	12.047	106	2189611	309.193 ug/l		99
69) o-Xylene	12.376	106	1053696	151.829 ug/l		99
70) Styrene	12.388	104	1873074	161.099 ug/l		99
71) Bromoform	12.559	173	451851	159.129 ug/l	#	98
73) Isopropylbenzene	12.671	105	2726116	152.940 ug/l		100
74) N-amyl acetate	12.482	43	1146975	167.250 ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	907151	147.822 ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	830843m	160.233 ug/l		
77) Bromobenzene	12.959	156	620711	147.691 ug/l		98
78) n-propylbenzene	13.012	91	3351021	152.627 ug/l		100
79) 2-Chlorotoluene	13.100	91	2010067	152.133 ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	2284564	151.084 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.712	75	345953	177.054 ug/l		84
82) 4-Chlorotoluene	13.200	91	2047130	147.365 ug/l		98
83) tert-Butylbenzene	13.418	119	1908253	151.441 ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	2300224	151.960 ug/l		100
85) sec-Butylbenzene	13.594	105	2775113	148.408 ug/l		100
86) p-Isopropyltoluene	13.706	119	2324153	150.520 ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	1208472	146.014 ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	1218359	141.456 ug/l		99
89) n-Butylbenzene	14.035	91	2273344	148.244 ug/l		99
90) Hexachloroethane	14.312	117	442763	150.511 ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	1153653	146.927 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	218577	149.934 ug/l		97
93) 1,2,4-Trichlorobenzene	15.365	180	714001	151.432 ug/l		99
94) Hexachlorobutadiene	15.476	225	238563	141.923 ug/l		99
95) Naphthalene	15.612	128	2705715	162.013 ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	709644	153.956 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 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

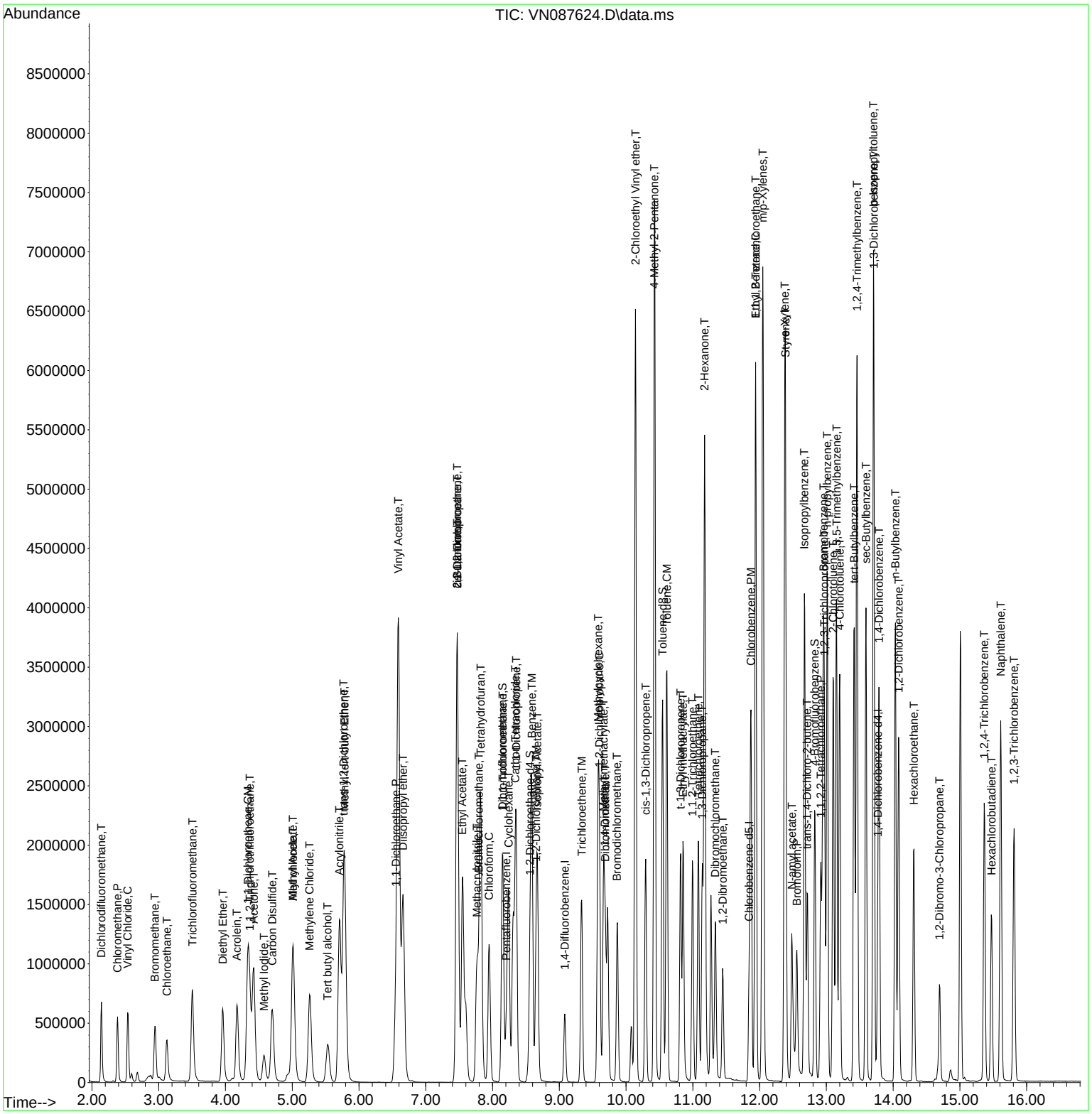
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087624.D
Acq On : 21 Aug 2025 14:44
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 22 02:36:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	236538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	462145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	426678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	211874	43.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.440%		
35) Dibromofluoromethane	8.153	113	144206	43.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.440%		
50) Toluene-d8	10.547	98	538430	43.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.220%		
62) 4-Bromofluorobenzene	12.829	95	197985	44.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	166005	49.414	ug/l	98
3) Chloromethane	2.383	50	164410	47.621	ug/l	99
4) Vinyl Chloride	2.536	62	181981	45.461	ug/l	97
5) Bromomethane	2.971	94	104036	50.369	ug/l	90
6) Chloroethane	3.136	64	119563	42.496	ug/l	99
7) Trichlorofluoromethane	3.512	101	258055	44.000	ug/l	99
8) Diethyl Ether	3.959	74	106479	41.688	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	138202	41.645	ug/l	99
10) Methyl Iodide	4.577	142	101477	42.154	ug/l	96
11) Tert butyl alcohol	5.518	59	188337	223.850	ug/l	99
12) 1,1-Dichloroethene	4.342	96	143630	42.117	ug/l	94
13) Acrolein	4.177	56	214366	207.251	ug/l	99
14) Allyl chloride	5.012	41	251818	40.748	ug/l	98
15) Acrylonitrile	5.712	53	512416	215.953	ug/l	98
16) Acetone	4.424	43	534765	202.699	ug/l	100
17) Carbon Disulfide	4.700	76	403340	42.961	ug/l	99
18) Methyl Acetate	5.012	43	239686	43.391	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	554938	43.377	ug/l	95
20) Methylene Chloride	5.259	84	171230	44.741	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	155031	41.945	ug/l	95
22) Diisopropyl ether	6.659	45	570242	42.758	ug/l	98
23) Vinyl Acetate	6.588	43	2684129	221.221	ug/l	100
24) 1,1-Dichloroethane	6.553	63	308870	42.240	ug/l	97
25) 2-Butanone	7.471	43	748996	215.792	ug/l	98
26) 2,2-Dichloropropane	7.471	77	266418	42.451	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	187583	42.454	ug/l	98
28) Bromochloromethane	7.794	49	162438	45.951	ug/l	98
29) Tetrahydrofuran	7.824	42	468943	209.937	ug/l	99
30) Chloroform	7.947	83	321565	43.085	ug/l	99
31) Cyclohexane	8.241	56	255575	41.926	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	268667	42.477	ug/l	98
36) 1,1-Dichloropropene	8.353	75	213398	41.688	ug/l	99
37) Ethyl Acetate	7.547	43	286649	40.980	ug/l	97
38) Carbon Tetrachloride	8.341	117	220428	43.614	ug/l	96
39) Methylcyclohexane	9.582	83	234965	41.693	ug/l	99
40) Benzene	8.588	78	677138	43.129	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.765	41	154175	42.550 ug/l	97
42) 1,2-Dichloroethane	8.653	62	260576	43.189 ug/l	98
43) Isopropyl Acetate	8.671	43	475910	43.578 ug/l	98
44) Trichloroethene	9.329	130	150412	41.962 ug/l	98
45) 1,2-Dichloropropane	9.600	63	170592	41.221 ug/l	97
46) Dibromomethane	9.688	93	127636	43.340 ug/l	99
47) Bromodichloromethane	9.871	83	260671	43.189 ug/l	95
48) Methyl methacrylate	9.665	41	224953	43.548 ug/l	99
49) 1,4-Dioxane	9.682	88	62435	932.518 ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	1463763	222.154 ug/l	100
52) Toluene	10.612	92	421282	43.282 ug/l	99
53) t-1,3-Dichloropropene	10.818	75	278049	44.506 ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	284560	43.867 ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	165061	43.838 ug/l	99
56) Ethyl methacrylate	10.853	69	283473	47.109 ug/l	98
57) 1,3-Dichloropropane	11.141	76	287664	43.169 ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	842734	258.751 ug/l	100
59) 2-Hexanone	11.176	43	1001252	240.442 ug/l	100
60) Dibromochloromethane	11.335	129	187315	42.934 ug/l	98
61) 1,2-Dibromoethane	11.447	107	173643	43.736 ug/l	99
64) Tetrachloroethene	11.082	164	117611	39.730 ug/l	94
65) Chlorobenzene	11.870	112	449967	42.389 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	156161	44.313 ug/l	100
67) Ethyl Benzene	11.941	91	803704	43.729 ug/l	100
68) m/p-Xylenes	12.047	106	605035	89.762 ug/l	100
69) o-Xylene	12.376	106	289138	43.771 ug/l	96
70) Styrene	12.388	104	506439	45.763 ug/l	99
71) Bromoform	12.559	173	121336	44.894 ug/l #	98
73) Isopropylbenzene	12.670	105	761746	43.745 ug/l	98
74) N-amyl acetate	12.500	43	294763m	44.668 ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	264712	44.155 ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	246217m	48.723 ug/l	
77) Bromobenzene	12.959	156	177807	43.307 ug/l	98
78) n-propylbenzene	13.012	91	946175	44.113 ug/l	99
79) 2-Chlorotoluene	13.100	91	559855	43.374 ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	645684	43.710 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	85496	44.790 ug/l	86
82) 4-Chlorotoluene	13.200	91	598781	44.123 ug/l	99
83) tert-Butylbenzene	13.417	119	547166	44.450 ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	666050	45.041 ug/l	98
85) sec-Butylbenzene	13.594	105	802373	43.924 ug/l	99
86) p-Isopropyltoluene	13.706	119	658963	43.685 ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	346038	42.798 ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	359327	42.705 ug/l	99
89) n-Butylbenzene	14.035	91	654734	43.704 ug/l	100
90) Hexachloroethane	14.311	117	119987	41.752 ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	329254	42.924 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	60532	42.504 ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	197383	42.852 ug/l	99
94) Hexachlorobutadiene	15.476	225	67769	41.269 ug/l	99
95) Naphthalene	15.611	128	706917	43.329 ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	191126	42.444 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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

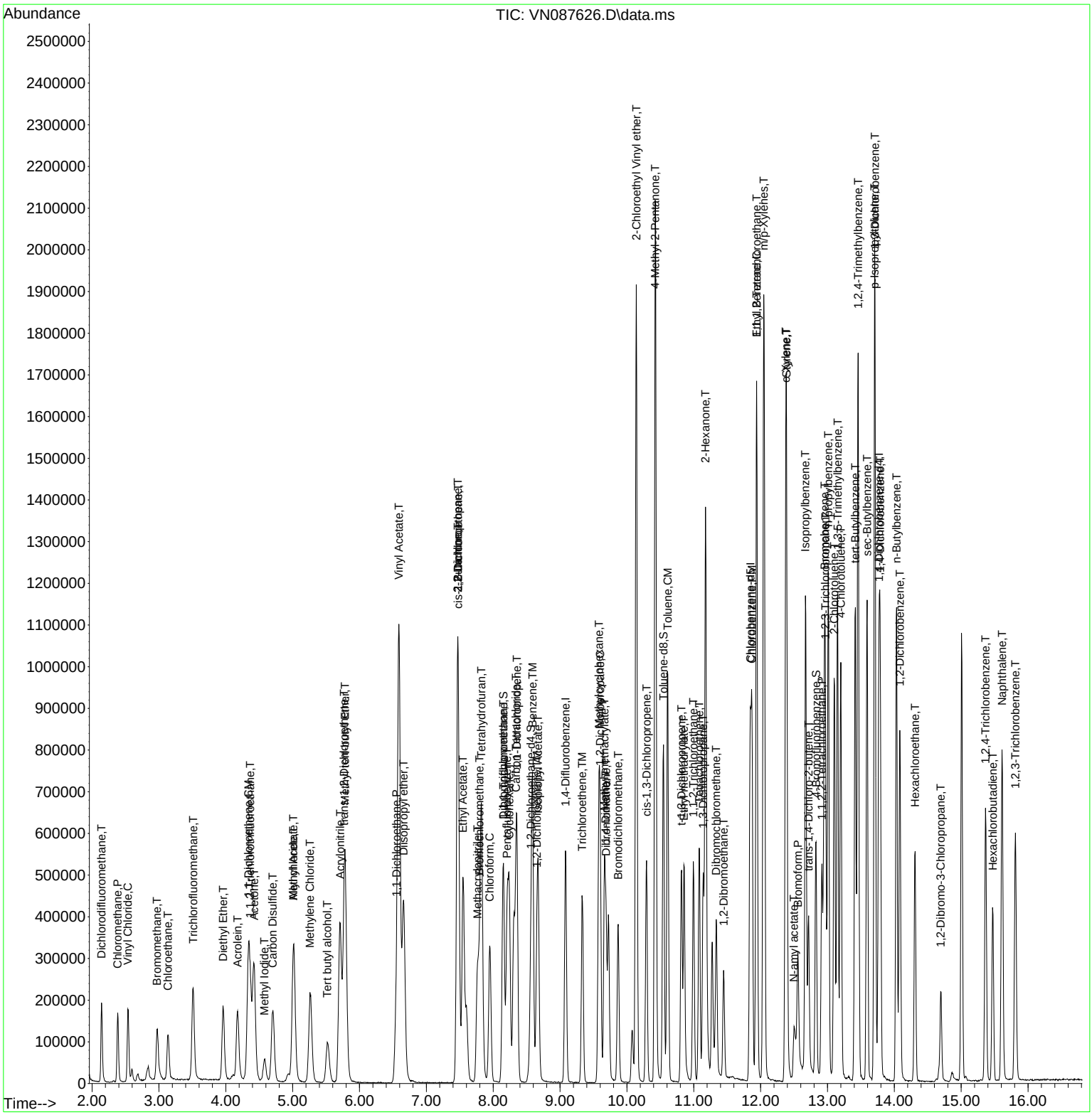
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Manual Integrations APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	101	0.00
2	T	Dichlorodifluoromethane	0.710	0.702	1.1	87	0.00
3	P	Chloromethane	0.730	0.695	4.8	88	0.00
4	C	Vinyl Chloride	0.846	0.769	9.1#	86	0.00
5	T	Bromomethane	0.437	0.440	-0.7	99	0.00
6	T	Chloroethane	0.595	0.505	15.1	85	0.00
7	T	Trichlorofluoromethane	1.240	1.091	12.0	86	0.00
8	T	Diethyl Ether	0.540	0.450	16.7	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.701	0.584	16.7	85	0.00
10	T	Methyl Iodide	0.450	0.429	4.7	90	0.00
11	T	Tert butyl alcohol	0.178	0.159	10.7	87	0.00
12	CM	1,1-Dichloroethene	0.721	0.607	15.8#	87	0.00
13	T	Acrolein	0.219	0.181	17.4	85	0.00
14	T	Allyl chloride	1.306	1.065	18.5	87	0.00
15	T	Acrylonitrile	0.502	0.433	13.7	88	0.00
16	T	Acetone	0.558	0.452	19.0	87	0.00
17	T	Carbon Disulfide	1.985	1.705	14.1	86	0.00
18	T	Methyl Acetate	1.168	1.013	13.3	88	0.00
19	T	Methyl tert-butyl Ether	2.704	2.346	13.2	87	0.00
20	T	Methylene Chloride	0.948	0.724	23.6	89	0.00
21	T	trans-1,2-Dichloroethene	0.781	0.655	16.1	88	0.00
22	T	Diisopropyl ether	2.819	2.411	14.5	85	0.00
23	T	Vinyl Acetate	2.565	2.270	11.5	85	0.00
24	P	1,1-Dichloroethane	1.546	1.306	15.5	88	0.00
25	T	2-Butanone	0.734	0.633	13.8	87	0.00
26	T	2,2-Dichloropropane	1.327	1.126	15.1	86	0.00
27	T	cis-1,2-Dichloroethene	0.934	0.793	15.1	85	0.01
28	T	Bromochloromethane	0.747	0.687	8.0	99	0.00
29	T	Tetrahydrofuran	0.472	0.397	15.9	84	0.00
30	C	Chloroform	1.578	1.359	13.9#	87	0.00
31	T	Cyclohexane	1.289	1.080	16.2	88	0.00
32	T	1,1,1-Trichloroethane	1.337	1.136	15.0	88	0.00
33	S	1,2-Dichloroethane-d4	1.024	0.896	12.5	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.361	0.312	13.6	92	0.00
36	T	1,1-Dichloropropene	0.554	0.462	16.6	86	0.00
37	T	Ethyl Acetate	0.757	0.620	18.1	83	0.00
38	T	Carbon Tetrachloride	0.547	0.477	12.8	87	0.00
39	T	Methylcyclohexane	0.610	0.508	16.7	85	0.00
40	TM	Benzene	1.699	1.465	13.8	86	0.00
41	T	Methacrylonitrile	0.392	0.334	14.8	85	0.00
42	TM	1,2-Dichloroethane	0.653	0.564	13.6	86	0.00
43	T	Isopropyl Acetate	1.182	1.030	12.9	85	0.00
44	TM	Trichloroethene	0.388	0.325	16.2	85	0.00
45	C	1,2-Dichloropropane	0.448	0.369	17.6#	84	0.00
46	T	Dibromomethane	0.319	0.276	13.5	86	0.00
47	T	Bromodichloromethane	0.653	0.564	13.6	87	0.00
48	T	Methyl methacrylate	0.559	0.487	12.9	86	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	0.007	0.007	0.0	86	0.00
50	S	Toluene-d8	1.351	1.165	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.633	11.2	85	0.00
52	CM	Toluene	1.053	0.912	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	0.676	0.602	10.9	85	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.616	12.3	85	0.00
55	T	1,1,2-Trichloroethane	0.407	0.357	12.3	86	0.00
56	T	Ethyl methacrylate	0.651	0.613	5.8	86	0.00
57	T	1,3-Dichloropropane	0.721	0.622	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.365	-3.7	102	0.00
59	T	2-Hexanone	0.451	0.433	4.0	84	0.00
60	T	Dibromochloromethane	0.472	0.405	14.2	86	0.00
61	T	1,2-Dibromoethane	0.430	0.376	12.6	86	0.00
62	S	4-Bromofluorobenzene	0.481	0.428	11.0	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.347	0.276	20.5	86	0.00
65	PM	Chlorobenzene	1.244	1.055	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.366	11.4	85	0.00
67	C	Ethyl Benzene	2.154	1.884	12.5#	86	0.00
68	T	m/p-Xylenes	0.790	0.709	10.3	85	0.00
69	T	o-Xylene	0.774	0.678	12.4	83	0.00
70	T	Styrene	1.297	1.187	8.5	84	0.00
71	P	Bromoform	0.317	0.284	10.4	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.040	3.535	12.5	86	0.00
74	T	N-amyl acetate	1.531	1.368	10.6	86	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.228	11.7	88	0.00
76	T	1,2,3-Trichloropropane	1.173	1.143	2.6	104	0.00
77	T	Bromobenzene	0.953	0.825	13.4	86	0.00
78	T	n-propylbenzene	4.977	4.391	11.8	85	0.00
79	T	2-Chlorotoluene	2.995	2.598	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	3.428	2.996	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.397	10.4	86	0.00
82	T	4-Chlorotoluene	3.149	2.779	11.7	86	0.00
83	T	tert-Butylbenzene	2.856	2.539	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.091	9.9	86	0.00
85	T	sec-Butylbenzene	4.239	3.723	12.2	86	0.00
86	T	p-Isopropyltoluene	3.500	3.058	12.6	85	0.00
87	T	1,3-Dichlorobenzene	1.876	1.606	14.4	86	0.00
88	T	1,4-Dichlorobenzene	1.952	1.667	14.6	87	0.00
89	T	n-Butylbenzene	3.476	3.038	12.6	86	0.00
90	T	Hexachloroethane	0.667	0.557	16.5	83	0.00
91	T	1,2-Dichlorobenzene	1.780	1.528	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.281	14.8	86	0.00
93	T	1,2,4-Trichlorobenzene	1.069	0.916	14.3	87	0.00
94	T	Hexachlorobutadiene	0.381	0.314	17.6	86	0.00
95	T	Naphthalene	3.786	3.280	13.4	85	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	1.045	0.887	15.1	86	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\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	49.414	1.2	87	0.00
3	P	Chloromethane	50.000	47.621	4.8	88	0.00
4	C	Vinyl Chloride	50.000	45.461	9.1#	86	0.00
5	T	Bromomethane	50.000	50.369	-0.7	99	0.00
6	T	Chloroethane	50.000	42.496	15.0	85	0.00
7	T	Trichlorofluoromethane	50.000	44.000	12.0	86	0.00
8	T	Diethyl Ether	50.000	41.688	16.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.645	16.7	85	0.00
10	T	Methyl Iodide	50.000	42.154	15.7	90	0.00
11	T	Tert butyl alcohol	250.000	223.850	10.5	87	0.00
12	CM	1,1-Dichloroethene	50.000	42.117	15.8#	87	0.00
13	T	Acrolein	250.000	207.251	17.1	85	0.00
14	T	Allyl chloride	50.000	40.748	18.5	87	0.00
15	T	Acrylonitrile	250.000	215.953	13.6	88	0.00
16	T	Acetone	250.000	202.699	18.9	87	0.00
17	T	Carbon Disulfide	50.000	42.961	14.1	86	0.00
18	T	Methyl Acetate	50.000	43.391	13.2	88	0.00
19	T	Methyl tert-butyl Ether	50.000	43.377	13.2	87	0.00
20	T	Methylene Chloride	50.000	44.741	10.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	41.945	16.1	88	0.00
22	T	Diisopropyl ether	50.000	42.758	14.5	85	0.00
23	T	Vinyl Acetate	250.000	221.221	11.5	85	0.00
24	P	1,1-Dichloroethane	50.000	42.240	15.5	88	0.00
25	T	2-Butanone	250.000	215.792	13.7	87	0.00
26	T	2,2-Dichloropropane	50.000	42.451	15.1	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	42.454	15.1	85	0.01
28	T	Bromochloromethane	50.000	45.951	8.1	99	0.00
29	T	Tetrahydrofuran	250.000	209.937	16.0	84	0.00
30	C	Chloroform	50.000	43.085	13.8#	87	0.00
31	T	Cyclohexane	50.000	41.926	16.1	88	0.00
32	T	1,1,1-Trichloroethane	50.000	42.477	15.0	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.718	12.6	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	43.218	13.6	92	0.00
36	T	1,1-Dichloropropene	50.000	41.688	16.6	86	0.00
37	T	Ethyl Acetate	50.000	40.980	18.0	83	0.00
38	T	Carbon Tetrachloride	50.000	43.614	12.8	87	0.00
39	T	Methylcyclohexane	50.000	41.693	16.6	85	0.00
40	TM	Benzene	50.000	43.129	13.7	86	0.00
41	T	Methacrylonitrile	50.000	42.550	14.9	85	0.00
42	TM	1,2-Dichloroethane	50.000	43.189	13.6	86	0.00
43	T	Isopropyl Acetate	50.000	43.578	12.8	85	0.00
44	TM	Trichloroethene	50.000	41.962	16.1	85	0.00
45	C	1,2-Dichloropropane	50.000	41.221	17.6#	84	0.00
46	T	Dibromomethane	50.000	43.340	13.3	86	0.00
47	T	Bromodichloromethane	50.000	43.189	13.6	87	0.00
48	T	Methyl methacrylate	50.000	43.548	12.9	86	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	932.518	6.7	86	0.00
50	S	Toluene-d8	50.000	43.114	13.8	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.154	11.1	85	0.00
52	CM	Toluene	50.000	43.282	13.4#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	44.506	11.0	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.867	12.3	85	0.00
55	T	1,1,2-Trichloroethane	50.000	43.838	12.3	86	0.00
56	T	Ethyl methacrylate	50.000	47.109	5.8	86	0.00
57	T	1,3-Dichloropropane	50.000	43.169	13.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.751	-3.5	102	0.00
59	T	2-Hexanone	250.000	240.442	3.8	84	0.00
60	T	Dibromochloromethane	50.000	42.934	14.1	86	0.00
61	T	1,2-Dibromoethane	50.000	43.736	12.5	86	0.00
62	S	4-Bromofluorobenzene	50.000	44.578	10.8	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	39.730	20.5	86	0.00
65	PM	Chlorobenzene	50.000	42.389	15.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.313	11.4	85	0.00
67	C	Ethyl Benzene	50.000	43.729	12.5#	86	0.00
68	T	m/p-Xylenes	100.000	89.762	10.2	85	0.00
69	T	o-Xylene	50.000	43.771	12.5	83	0.00
70	T	Styrene	50.000	45.763	8.5	84	0.00
71	P	Bromoform	50.000	44.894	10.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	43.745	12.5	86	0.00
74	T	N-amyl acetate	50.000	44.668	10.7	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.155	11.7	88	0.00
76	T	1,2,3-Trichloropropane	50.000	48.723	2.6	104	0.00
77	T	Bromobenzene	50.000	43.307	13.4	86	0.00
78	T	n-propylbenzene	50.000	44.113	11.8	85	0.00
79	T	2-Chlorotoluene	50.000	43.374	13.3	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.710	12.6	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.790	10.4	86	0.00
82	T	4-Chlorotoluene	50.000	44.123	11.8	86	0.00
83	T	tert-Butylbenzene	50.000	44.450	11.1	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.041	9.9	86	0.00
85	T	sec-Butylbenzene	50.000	43.924	12.2	86	0.00
86	T	p-Isopropyltoluene	50.000	43.685	12.6	85	0.00
87	T	1,3-Dichlorobenzene	50.000	42.798	14.4	86	0.00
88	T	1,4-Dichlorobenzene	50.000	42.705	14.6	87	0.00
89	T	n-Butylbenzene	50.000	43.704	12.6	86	0.00
90	T	Hexachloroethane	50.000	41.752	16.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	42.924	14.2	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.504	15.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.852	14.3	87	0.00
94	T	Hexachlorobutadiene	50.000	41.269	17.5	86	0.00
95	T	Naphthalene	50.000	43.329	13.3	85	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087626.D
Acq On : 21 Aug 2025 15:47
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN082125

Quant Time: Aug 22 02:59:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:54:13 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	42.444	15.1	86	0.00

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

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.: Q3108

Instrument ID: MSVOA_N | Calibration Date/Time: 09/16/2025 13:55

Lab File ID: VN087847.D | Init. Calib. Date(s): 08/21/2025 08/21/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.710	0.736		3.66	20
Chloromethane	0.730	0.729	0.1	-0.14	20
Vinyl Chloride	0.846	0.823		-2.72	20
Bromomethane	0.437	0.498		13.96	20
Chloroethane	0.595	0.553		-7.06	20
Trichlorofluoromethane	1.240	1.264		1.93	20
1,1,2-Trichlorotrifluoroethane	0.701	0.697		-0.57	20
Tert butyl alcohol	0.178	0.175		-1.68	20
1,1-Dichloroethene	0.721	0.682		-5.41	20
Acetone	0.558	0.489		-12.37	20
Carbon Disulfide	1.985	1.984		-0.05	20
Methyl tert-butyl Ether	2.704	2.774		2.59	20
Methyl Acetate	1.168	1.247		6.76	20
Methylene Chloride	0.948	0.841		-11.29	20
trans-1,2-Dichloroethene	0.781	0.753		-3.59	20
1,1-Dichloroethane	1.546	1.477	0.1	-4.46	20
Cyclohexane	1.289	1.230		-4.58	20
2-Butanone	0.734	0.712		-3	20
Carbon Tetrachloride	0.547	0.611		11.7	20
cis-1,2-Dichloroethene	0.934	0.931		-0.32	20
Bromochloromethane	0.747	1.029		37.75	20
Chloroform	1.578	1.590		0.76	20
1,1,1-Trichloroethane	1.337	1.305		-2.39	20
Methylcyclohexane	0.610	0.672		10.16	20
Benzene	1.699	1.798		5.83	20
1,2-Dichloroethane	0.653	0.690		5.67	20
Trichloroethene	0.388	0.426		9.79	20
1,2-Dichloropropane	0.448	0.470		4.91	20
Bromodichloromethane	0.653	0.728		11.48	20
4-Methyl-2-Pentanone	0.713	0.781		9.54	20
Toluene	1.053	1.143		8.55	20
t-1,3-Dichloropropene	0.676	0.768		13.61	20
cis-1,3-Dichloropropene	0.702	0.788		12.25	20
1,1,2-Trichloroethane	0.407	0.467		14.74	20
2-Hexanone	0.451	0.533		18.18	20
Dibromochloromethane	0.472	0.542		14.83	20
1,2-Dibromoethane	0.430	0.497		15.58	20
Tetrachloroethene	0.347	0.372		7.2	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	GENV01
Lab Code:	ACE	SDG No.:	Q3108
Instrument ID:	MSVOA_N	Calibration Date/Time:	09/16/2025 13:55
Lab File ID:	VN087847.D	Init. Calib. Date(s):	08/21/2025 08/21/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	12:09 14:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.244	1.326	0.3	6.59	20
Ethyl Benzene	2.154	2.347		8.96	20
m/p-Xylenes	0.790	0.894		13.16	20
o-Xylene	0.774	0.861		11.24	20
Styrene	1.297	1.504		15.96	20
Bromoform	0.317	0.404	0.1	27.44	20
Isopropylbenzene	4.040	4.015		-0.62	20
1,1,2,2-Tetrachloroethane	1.391	1.401	0.3	0.72	20
1,3-Dichlorobenzene	1.876	1.967		4.85	20
1,4-Dichlorobenzene	1.952	2.018		3.38	20
1,2-Dichlorobenzene	1.780	1.885		5.9	20
1,2-Dibromo-3-Chloropropane	0.330	0.328		-0.61	20
1,2,4-Trichlorobenzene	1.069	1.207		12.91	20
1,2,3-Trichlorobenzene	1.045	1.157		10.72	20
1,2-Dichloroethane-d4	1.024	1.103		7.72	20
Dibromofluoromethane	0.361	0.457		26.59	20
Toluene-d8	1.351	1.598		18.28	20
4-Bromofluorobenzene	0.481	0.616		28.07	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\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	239136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263710	53.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.147	113	198358	63.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.700%#			
50) Toluene-d8	10.547	98	693078	59.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.280%#			
62) 4-Bromofluorobenzene	12.829	95	266909	64.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 128.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	176013	51.823	ug/l	99
3) Chloromethane	2.383	50	174247	49.922	ug/l	95
4) Vinyl Chloride	2.536	62	196704	48.605	ug/l	99
5) Bromomethane	2.954	94	119010	56.992	ug/l	93
6) Chloroethane	3.130	64	132207	46.480	ug/l	93
7) Trichlorofluoromethane	3.501	101	302201	50.968	ug/l	98
8) Diethyl Ether	3.953	74	121893	47.204	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	166711	49.690	ug/l	97
10) Methyl Iodide	4.577	142	125052	49.892	ug/l	91
11) Tert butyl alcohol	5.530	59	208783	245.456	ug/l	99
12) 1,1-Dichloroethene	4.330	96	163096	47.305	ug/l	94
13) Acrolein	4.177	56	320278	306.284	ug/l	98
14) Allyl chloride	5.012	41	314832	50.391	ug/l	90
15) Acrylonitrile	5.706	53	605404	252.369	ug/l	98
16) Acetone	4.424	43	584245	219.048	ug/l	98
17) Carbon Disulfide	4.695	76	474332	49.974	ug/l	98
18) Methyl Acetate	5.012	43	298186	53.395	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	663246	51.280	ug/l	99
20) Methylene Chloride	5.259	84	201058	52.170	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	180140	48.209	ug/l	98
22) Diisopropyl ether	6.659	45	664049	49.251	ug/l	98
23) Vinyl Acetate	6.589	43	3041175	247.925	ug/l	98
24) 1,1-Dichloroethane	6.547	63	353124	47.768	ug/l	99
25) 2-Butanone	7.471	43	851474	242.652	ug/l	100
26) 2,2-Dichloropropane	7.471	77	307392	48.448	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	222747	49.864	ug/l	98
28) Bromochloromethane	7.794	49	245962	68.823	ug/l	94
29) Tetrahydrofuran	7.824	42	567261	251.193	ug/l	100
30) Chloroform	7.947	83	380295	50.401	ug/l	98
31) Cyclohexane	8.236	56	294041	47.712	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	312119	48.810	ug/l	97
36) 1,1-Dichloropropene	8.347	75	245212	51.052	ug/l	97
37) Ethyl Acetate	7.541	43	345834	52.691	ug/l	97
38) Carbon Tetrachloride	8.347	117	265088	55.898	ug/l	97
39) Methylcyclohexane	9.583	83	291228	55.073	ug/l	96
40) Benzene	8.588	78	779652	52.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.759	41	178403	52.473	ug/l		98
42) 1,2-Dichloroethane	8.653	62	299001	52.815	ug/l		99
43) Isopropyl Acetate	8.677	43	547228	53.402	ug/l		98
44) Trichloroethene	9.335	130	184521	54.860	ug/l		94
45) 1,2-Dichloropropane	9.600	63	203980	52.528	ug/l		100
46) Dibromomethane	9.688	93	155428	56.246	ug/l		96
47) Bromodichloromethane	9.871	83	315780	55.758	ug/l		99
48) Methyl methacrylate	9.665	41	258081	53.245	ug/l		96
49) 1,4-Dioxane	9.688	88	73308	1166.875	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.424	43	1693751	273.953	ug/l		98
52) Toluene	10.612	92	495572	54.261	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	332853	56.779	ug/l		99
54) cis-1,3-Dichloropropene	10.294	75	341604	56.121	ug/l		96
55) 1,1,2-Trichloroethane	10.994	97	202706	57.374	ug/l		97
56) Ethyl methacrylate	10.859	69	327855	58.065	ug/l		96
57) 1,3-Dichloropropane	11.141	76	345485	55.253	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	782005	255.885	ug/l		97
59) 2-Hexanone	11.177	43	1154791	295.539	ug/l		98
60) Dibromochloromethane	11.341	129	235020	57.409	ug/l		98
61) 1,2-Dibromoethane	11.447	107	215454	57.833	ug/l		99
64) Tetrachloroethene	11.082	164	152293	53.644	ug/l		95
65) Chlorobenzene	11.871	112	542528	53.293	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	198995	58.880	ug/l		99
67) Ethyl Benzene	11.941	91	960475	54.491	ug/l		99
68) m/p-Xylenes	12.047	106	731633	113.180	ug/l		95
69) o-Xylene	12.376	106	352248	55.603	ug/l		98
70) Styrene	12.388	104	615294	57.974	ug/l		99
71) Bromoform	12.559	173	165142	63.713	ug/l	#	98
73) Isopropylbenzene	12.676	105	909235	49.681	ug/l		99
74) N-amyl acetate	12.506	43	298290m	43.009	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	317356	50.367	ug/l		99
76) 1,2,3-Trichloropropane	12.971	75	256155m	48.230	ug/l		
77) Bromobenzene	12.959	156	228891	53.044	ug/l		93
78) n-propylbenzene	13.012	91	1139368	50.543	ug/l		98
79) 2-Chlorotoluene	13.106	91	672391	49.565	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	792404	51.039	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.718	75	107938	53.803	ug/l	#	80
82) 4-Chlorotoluene	13.200	91	701460	49.180	ug/l		96
83) tert-Butylbenzene	13.418	119	674001	52.096	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	808453	52.018	ug/l		100
85) sec-Butylbenzene	13.594	105	1007598	52.481	ug/l		98
86) p-Isopropyltoluene	13.706	119	841554	53.083	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	445525	52.429	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	456948	51.672	ug/l		98
89) n-Butylbenzene	14.035	91	834441	52.997	ug/l		99
90) Hexachloroethane	14.312	117	165831	54.904	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	426983	52.963	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	74222	49.587	ug/l		91
93) 1,2,4-Trichlorobenzene	15.370	180	273253	56.445	ug/l		98
94) Hexachlorobutadiene	15.476	225	103689	60.079	ug/l		100
95) Naphthalene	15.612	128	923574	53.862	ug/l		100
96) 1,2,3-Trichlorobenzene	15.812	180	262091	55.379	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

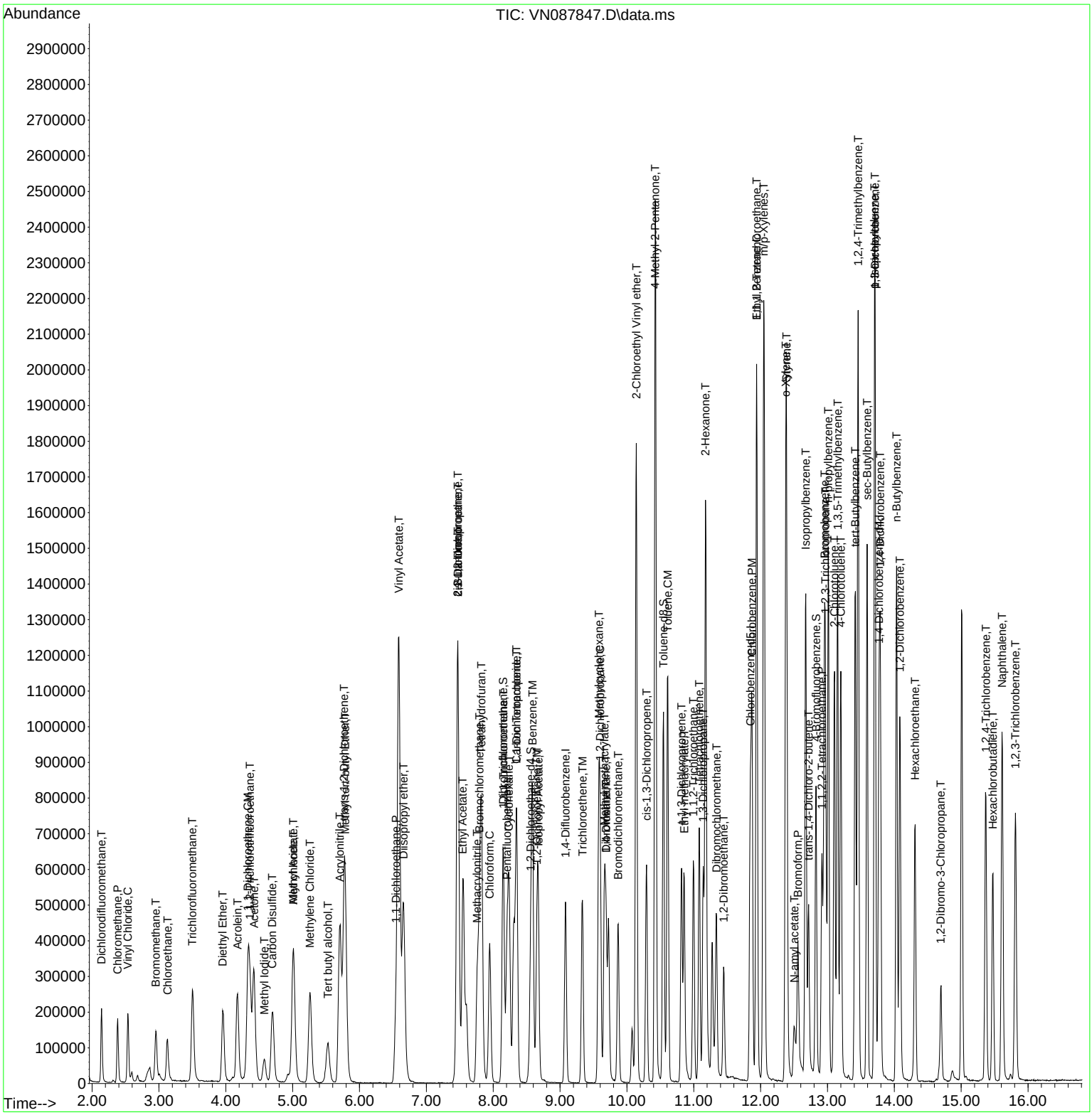
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Sample Results: **VN087847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	102	0.00
2	T	Dichlorodifluoromethane	0.710	0.736	-3.7	93	0.00
3	P	Chloromethane	0.730	0.729	0.1	93	0.00
4	C	Vinyl Chloride	0.846	0.823	2.7#	93	0.00
5	T	Bromomethane	0.437	0.498	-14.0	113	-0.02
6	T	Chloroethane	0.595	0.553	7.1	94	0.00
7	T	Trichlorofluoromethane	1.240	1.264	-1.9	101	-0.01
8	T	Diethyl Ether	0.540	0.510	5.6	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.701	0.697	0.6	102	0.00
10	T	Methyl Iodide	0.450	0.523	-16.2	111	0.00
11	T	Tert butyl alcohol	0.178	0.175	1.7	97	0.01
12	CM	1,1-Dichloroethene	0.721	0.682	5.4#	99	0.00
13	T	Acrolein	0.219	0.268	-22.4	127	0.00
14	T	Allyl chloride	1.306	1.317	-0.8	108	0.00
15	T	Acrylonitrile	0.502	0.506	-0.8	104	0.00
16	T	Acetone	0.558	0.489	12.4	95	0.00
17	T	Carbon Disulfide	1.985	1.984	0.1	101	0.00
18	T	Methyl Acetate	1.168	1.247	-6.8	110	0.00
19	T	Methyl tert-butyl Ether	2.704	2.774	-2.6	103	0.00
20	T	Methylene Chloride	0.948	0.841	11.3	104	0.00
21	T	trans-1,2-Dichloroethene	0.781	0.753	3.6	102	0.00
22	T	Diisopropyl ether	2.819	2.777	1.5	99	0.00
23	T	Vinyl Acetate	2.565	2.543	0.9	96	0.00
24	P	1,1-Dichloroethane	1.546	1.477	4.5	100	0.00
25	T	2-Butanone	0.734	0.712	3.0	99	0.00
26	T	2,2-Dichloropropane	1.327	1.285	3.2	99	0.00
27	T	cis-1,2-Dichloroethene	0.934	0.931	0.3	101	0.00
28	T	Bromochloromethane	0.747	1.029	-37.8#	150	0.00
29	T	Tetrahydrofuran	0.472	0.474	-0.4	102	0.00
30	C	Chloroform	1.578	1.590	-0.8#	103	0.00
31	T	Cyclohexane	1.289	1.230	4.6	102	0.00
32	T	1,1,1-Trichloroethane	1.337	1.305	2.4	102	0.00
33	S	1,2-Dichloroethane-d4	1.024	1.103	-7.7	117	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.361	0.457	-26.6#	127	0.00
36	T	1,1-Dichloropropene	0.554	0.565	-2.0	99	0.00
37	T	Ethyl Acetate	0.757	0.798	-5.4	100	0.00
38	T	Carbon Tetrachloride	0.547	0.611	-11.7	105	0.00
39	T	Methylcyclohexane	0.610	0.672	-10.2	106	0.00
40	TM	Benzene	1.699	1.798	-5.8	99	0.00
41	T	Methacrylonitrile	0.392	0.411	-4.8	98	0.00
42	TM	1,2-Dichloroethane	0.653	0.690	-5.7	98	0.00
43	T	Isopropyl Acetate	1.182	1.262	-6.8	98	0.00
44	TM	Trichloroethene	0.388	0.426	-9.8	105	0.00
45	C	1,2-Dichloropropane	0.448	0.470	-4.9#	101	0.00
46	T	Dibromomethane	0.319	0.358	-12.2	104	0.00
47	T	Bromodichloromethane	0.653	0.728	-11.5	106	0.00
48	T	Methyl methacrylate	0.559	0.595	-6.4	99	0.00

Sample Results: **VN087847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	0.007	0.008	-14.3	101	0.00
50	S	Toluene-d8	1.351	1.598	-18.3	121	0.00
51	T	4-Methyl-2-Pentanone	0.713	0.781	-9.5	98	0.00
52	CM	Toluene	1.053	1.143	-8.5#	101	0.00
53	T	t-1,3-Dichloropropene	0.676	0.768	-13.6	101	0.00
54	T	cis-1,3-Dichloropropene	0.702	0.788	-12.3	102	0.00
55	T	1,1,2-Trichloroethane	0.407	0.467	-14.7	106	0.00
56	T	Ethyl methacrylate	0.651	0.756	-16.1	99	0.00
57	T	1,3-Dichloropropane	0.721	0.797	-10.5	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.352	0.361	-2.6	94	0.00
59	T	2-Hexanone	0.451	0.533	-18.2	97	0.00
60	T	Dibromochloromethane	0.472	0.542	-14.8	108	0.00
61	T	1,2-Dibromoethane	0.430	0.497	-15.6	107	0.00
62	S	4-Bromofluorobenzene	0.481	0.616	-28.1#	127	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.347	0.372	-7.2	111	0.00
65	PM	Chlorobenzene	1.244	1.326	-6.6	102	0.00
66	T	1,1,1,2-Tetrachloroethane	0.413	0.486	-17.7	108	0.00
67	C	Ethyl Benzene	2.154	2.347	-9.0#	102	0.00
68	T	m/p-Xylenes	0.790	0.894	-13.2	103	0.00
69	T	o-Xylene	0.774	0.861	-11.2	101	0.00
70	T	Styrene	1.297	1.504	-16.0	102	0.00
71	P	Bromoform	0.317	0.404	-27.4#	118	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	4.040	4.015	0.6	102	0.00
74	T	N-amyl acetate	1.531	1.317	14.0	87	0.00
75	P	1,1,2,2-Tetrachloroethane	1.391	1.401	-0.7	105	0.00
76	T	1,2,3-Trichloropropane	1.173	1.131	3.6	108	0.00
77	T	Bromobenzene	0.953	1.011	-6.1	110	0.00
78	T	n-propylbenzene	4.977	5.031	-1.1	103	0.00
79	T	2-Chlorotoluene	2.995	2.969	0.9	102	0.00
80	T	1,3,5-Trimethylbenzene	3.428	3.499	-2.1	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.443	0.477	-7.7	108	0.00
82	T	4-Chlorotoluene	3.149	3.097	1.7	101	0.00
83	T	tert-Butylbenzene	2.856	2.976	-4.2	105	0.00
84	T	1,2,4-Trimethylbenzene	3.431	3.570	-4.1	105	0.00
85	T	sec-Butylbenzene	4.239	4.449	-5.0	108	0.00
86	T	p-Isopropyltoluene	3.500	3.716	-6.2	108	0.00
87	T	1,3-Dichlorobenzene	1.876	1.967	-4.9	110	0.00
88	T	1,4-Dichlorobenzene	1.952	2.018	-3.4	111	0.00
89	T	n-Butylbenzene	3.476	3.684	-6.0	109	0.00
90	T	Hexachloroethane	0.667	0.732	-9.7	115	0.00
91	T	1,2-Dichlorobenzene	1.780	1.885	-5.9	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.330	0.328	0.6	106	0.00
93	T	1,2,4-Trichlorobenzene	1.069	1.207	-12.9	121	0.00
94	T	Hexachlorobutadiene	0.381	0.458	-20.2	132	0.00
95	T	Naphthalene	3.786	4.078	-7.7	111	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	1.045	1.157	-10.7	118	0.00

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

Sample Results: **VN087847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	51.823	-3.6	93	0.00
3	P	Chloromethane	50.000	49.922	0.2	93	0.00
4	C	Vinyl Chloride	50.000	48.605	2.8#	93	0.00
5	T	Bromomethane	50.000	56.992	-14.0	113	-0.02
6	T	Chloroethane	50.000	46.480	7.0	94	0.00
7	T	Trichlorofluoromethane	50.000	50.968	-1.9	101	-0.01
8	T	Diethyl Ether	50.000	47.204	5.6	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.690	0.6	102	0.00
10	T	Methyl Iodide	50.000	49.892	0.2	111	0.00
11	T	Tert butyl alcohol	250.000	245.456	1.8	97	0.01
12	CM	1,1-Dichloroethene	50.000	47.305	5.4#	99	0.00
13	T	Acrolein	250.000	306.284	-22.5	127	0.00
14	T	Allyl chloride	50.000	50.391	-0.8	108	0.00
15	T	Acrylonitrile	250.000	252.369	-0.9	104	0.00
16	T	Acetone	250.000	219.048	12.4	95	0.00
17	T	Carbon Disulfide	50.000	49.974	0.1	101	0.00
18	T	Methyl Acetate	50.000	53.395	-6.8	110	0.00
19	T	Methyl tert-butyl Ether	50.000	51.280	-2.6	103	0.00
20	T	Methylene Chloride	50.000	52.170	-4.3	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.209	3.6	102	0.00
22	T	Diisopropyl ether	50.000	49.251	1.5	99	0.00
23	T	Vinyl Acetate	250.000	247.925	0.8	96	0.00
24	P	1,1-Dichloroethane	50.000	47.768	4.5	100	0.00
25	T	2-Butanone	250.000	242.652	2.9	99	0.00
26	T	2,2-Dichloropropane	50.000	48.448	3.1	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.864	0.3	101	0.00
28	T	Bromochloromethane	50.000	68.823	-37.6#	150	0.00
29	T	Tetrahydrofuran	250.000	251.193	-0.5	102	0.00
30	C	Chloroform	50.000	50.401	-0.8#	103	0.00
31	T	Cyclohexane	50.000	47.712	4.6	102	0.00
32	T	1,1,1-Trichloroethane	50.000	48.810	2.4	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.823	-7.6	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	63.355	-26.7#	127	0.00
36	T	1,1-Dichloropropene	50.000	51.052	-2.1	99	0.00
37	T	Ethyl Acetate	50.000	52.691	-5.4	100	0.00
38	T	Carbon Tetrachloride	50.000	55.898	-11.8	105	0.00
39	T	Methylcyclohexane	50.000	55.073	-10.1	106	0.00
40	TM	Benzene	50.000	52.922	-5.8	99	0.00
41	T	Methacrylonitrile	50.000	52.473	-4.9	98	0.00
42	TM	1,2-Dichloroethane	50.000	52.815	-5.6	98	0.00
43	T	Isopropyl Acetate	50.000	53.402	-6.8	98	0.00
44	TM	Trichloroethene	50.000	54.860	-9.7	105	0.00
45	C	1,2-Dichloropropane	50.000	52.528	-5.1#	101	0.00
46	T	Dibromomethane	50.000	56.246	-12.5	104	0.00
47	T	Bromodichloromethane	50.000	55.758	-11.5	106	0.00
48	T	Methyl methacrylate	50.000	53.245	-6.5	99	0.00

Sample Results: **VN087847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	1166.875	-16.7	101	0.00
50	S	Toluene-d8	50.000	59.144	-18.3	121	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.953	-9.6	98	0.00
52	CM	Toluene	50.000	54.261	-8.5#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	56.779	-13.6	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.121	-12.2	102	0.00
55	T	1,1,2-Trichloroethane	50.000	57.374	-14.7	106	0.00
56	T	Ethyl methacrylate	50.000	58.065	-16.1	99	0.00
57	T	1,3-Dichloropropane	50.000	55.253	-10.5	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.885	-2.4	94	0.00
59	T	2-Hexanone	250.000	295.539	-18.2	97	0.00
60	T	Dibromochloromethane	50.000	57.409	-14.8	108	0.00
61	T	1,2-Dibromoethane	50.000	57.833	-15.7	107	0.00
62	S	4-Bromofluorobenzene	50.000	64.046	-28.1#	127	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	53.644	-7.3	111	0.00
65	PM	Chlorobenzene	50.000	53.293	-6.6	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.880	-17.8	108	0.00
67	C	Ethyl Benzene	50.000	54.491	-9.0#	102	0.00
68	T	m/p-Xylenes	100.000	113.180	-13.2	103	0.00
69	T	o-Xylene	50.000	55.603	-11.2	101	0.00
70	T	Styrene	50.000	57.974	-15.9	102	0.00
71	P	Bromoform	50.000	63.713	-27.4#	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	49.681	0.6	102	0.00
74	T	N-amyl acetate	50.000	43.009	14.0	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.367	-0.7	105	0.00
76	T	1,2,3-Trichloropropane	50.000	48.230	3.5	108	0.00
77	T	Bromobenzene	50.000	53.044	-6.1	110	0.00
78	T	n-propylbenzene	50.000	50.543	-1.1	103	0.00
79	T	2-Chlorotoluene	50.000	49.565	0.9	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.039	-2.1	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.803	-7.6	108	0.00
82	T	4-Chlorotoluene	50.000	49.180	1.6	101	0.00
83	T	tert-Butylbenzene	50.000	52.096	-4.2	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.018	-4.0	105	0.00
85	T	sec-Butylbenzene	50.000	52.481	-5.0	108	0.00
86	T	p-Isopropyltoluene	50.000	53.083	-6.2	108	0.00
87	T	1,3-Dichlorobenzene	50.000	52.429	-4.9	110	0.00
88	T	1,4-Dichlorobenzene	50.000	51.672	-3.3	111	0.00
89	T	n-Butylbenzene	50.000	52.997	-6.0	109	0.00
90	T	Hexachloroethane	50.000	54.904	-9.8	115	0.00
91	T	1,2-Dichlorobenzene	50.000	52.963	-5.9	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.587	0.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.445	-12.9	121	0.00
94	T	Hexachlorobutadiene	50.000	60.079	-20.2	132	0.00
95	T	Naphthalene	50.000	53.862	-7.7	111	0.00

Sample Results: **VN087847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087847.D
Acq On : 16 Sep 2025 13:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Sep 17 01:19:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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	55.379	-10.8	118	0.00

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

QC SAMPLE DATA

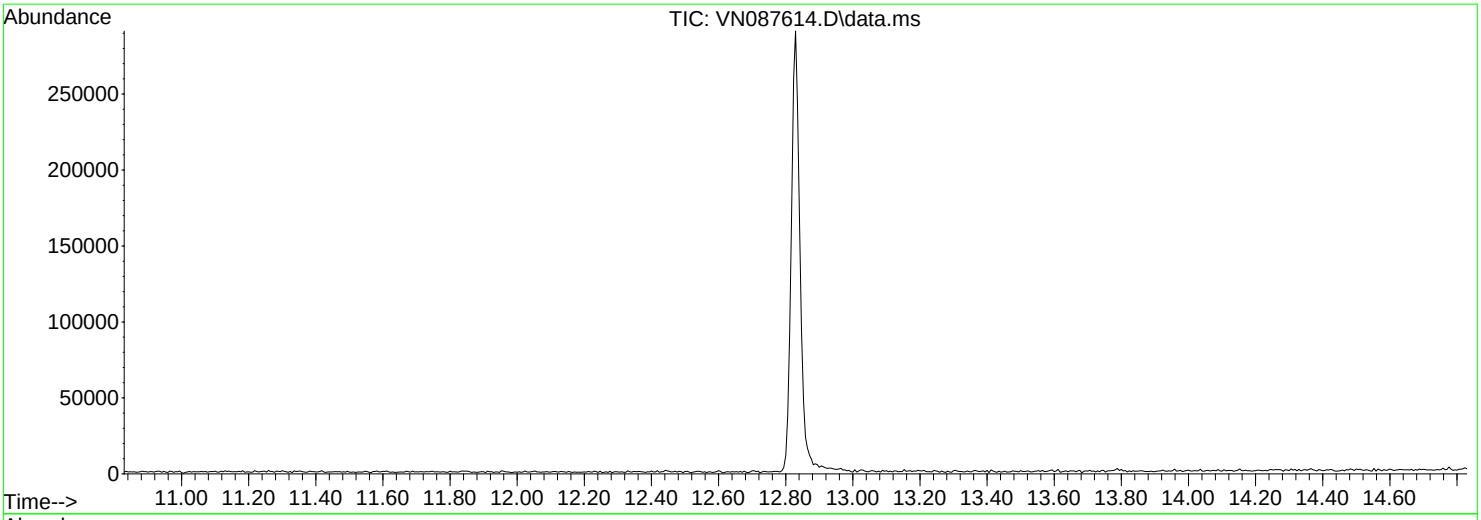
Sample Results: **VN087614.D**

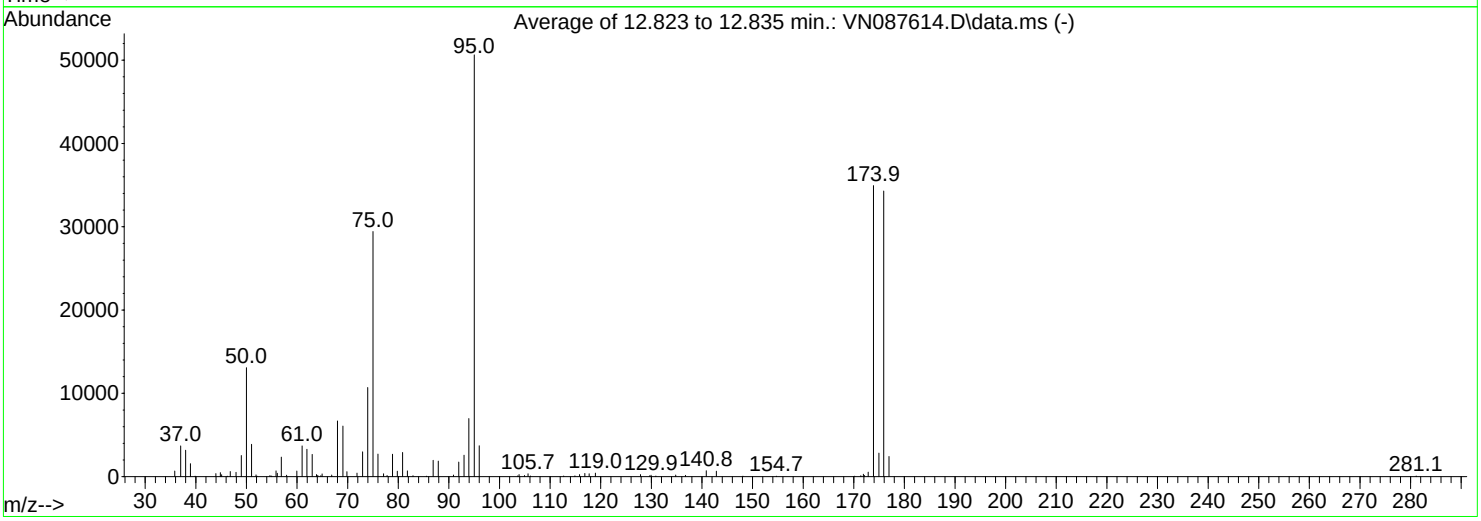
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
Data File : VN087614.D
Acq On : 21 Aug 2025 09:30
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 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	25.8	13089	PASS
75	95	30	60	58.1	29435	PASS
95	95	100	100	100.0	50640	PASS
96	95	5	9	7.3	3712	PASS
173	174	0.00	2	1.6	548	PASS
174	95	50	100	69.0	34952	PASS
175	174	5	9	8.1	2829	PASS
176	174	95	101	98.1	34291	PASS
177	176	5	9	7.1	2426	PASS

Average of 12.823 to 12.835 min.: VN087614.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.85	675	49.00	2529	59.95	672	69.85	59
37.00	3688	50.00	13089	61.00	3695	71.85	41
38.00	3178	51.00	3882	61.95	3294	72.95	297
38.95	1555	51.90	219	63.00	2681	73.95	1069
39.85	60	52.10	64	63.85	251	75.00	29435
43.95	374	54.65	128	64.10	153	76.00	2714
44.85	476	55.00	70	64.70	121	77.10	352
45.10	237	55.85	685	64.95	324	77.80	133
46.20	55	56.10	397	66.85	193	78.85	2691
46.80	616	56.90	2340	68.00	6681	79.80	662
47.95	526	57.95	176	69.05	6065	80.85	2901

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087614.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
81.80	684	103.60	98	127.85	257	171.40	114
82.90	109	103.85	252	129.70	113	171.90	297
85.60	55	104.95	136	129.95	176	172.10	131
86.90	1959	105.65	343	130.90	79	172.85	548
87.90	1858	106.10	71	134.80	197	173.90	34952
90.90	194	112.70	85	136.75	152	174.95	2829
91.95	1755	114.90	88	140.85	705	175.90	34291
93.00	2573	115.80	249	142.85	649	176.95	2426
93.95	6967	116.85	391	148.10	51	281.10	79
95.00	50640	117.70	342	154.70	64		
96.00	3712	118.95	421	170.20	52		

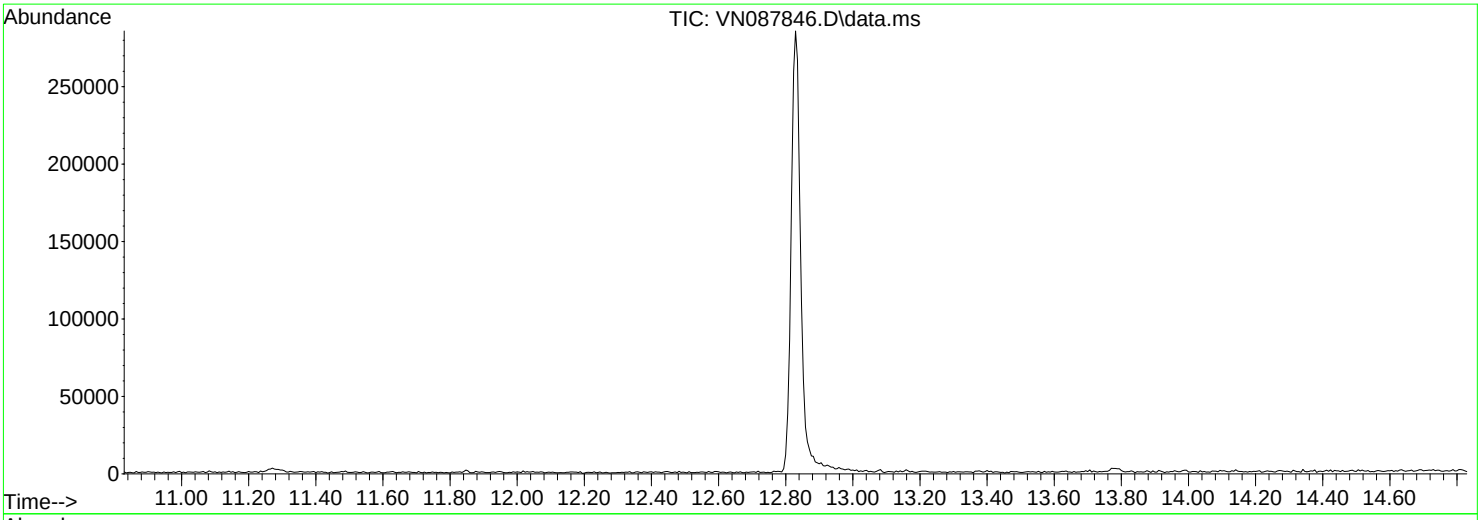
Sample Results: **VN087846.D**

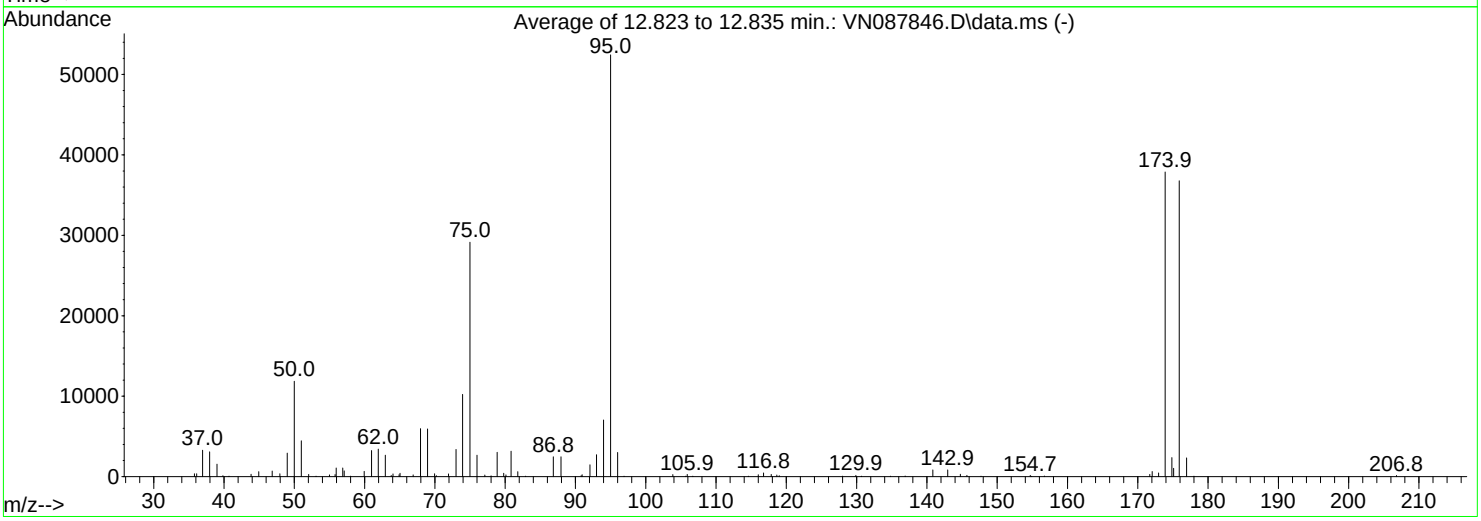
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087846.D
Acq On : 16 Sep 2025 11:25
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 02:55:42 2025





AutoFind: Scans 1848, 1849, 1850; Background Corrected with Scan 1839

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	11850	PASS
75	95	30	60	55.6	29149	PASS
95	95	100	100	100.0	52435	PASS
96	95	5	9	5.7	2999	PASS
173	174	0.00	2	1.2	466	PASS
174	95	50	100	72.2	37872	PASS
175	174	5	9	6.2	2358	PASS
176	174	95	101	97.1	36771	PASS
177	176	5	9	6.4	2336	PASS

Average of 12.823 to 12.835 min.: VN087846.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.80	361	49.00	2930	59.95	667	69.95	36
36.10	361	50.00	11850	61.00	3247	70.20	12
36.95	3281	51.00	4457	61.95	3431	71.95	34
37.95	3093	52.05	288	62.95	2675	73.00	338
39.00	1561	53.10	63	63.80	144	73.95	10235
39.85	116	55.00	226	64.05	348	75.00	29149
40.70	59	55.80	251	64.90	231	76.00	2657
43.85	301	55.95	1085	65.05	429	77.10	206
44.95	618	56.90	1074	66.90	225	78.00	109
46.85	705	57.10	720	67.95	5973	78.85	3026
47.95	367	58.00	68	68.95	5920	79.80	422

Instrument :
MSVOA_N
ClientSampleId :
BFB

Average of 12.823 to 12.835 min.: VN087846.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
80.10	228	95.00	52435	118.65	204	147.70	52
80.85	3158	96.00	2999	119.00	126	154.70	155
81.80	617	96.90	59	128.00	56	154.90	50
82.90	65	103.85	258	129.90	169	156.70	77
86.85	2475	105.70	66	130.70	55	171.70	277
87.95	2474	105.90	277	134.80	63	172.05	640
90.80	113	106.70	61	136.90	80	172.95	466
90.95	239	114.60	54	140.85	831	173.90	37872
92.05	1472	116.00	233	142.95	841	174.85	2358
93.00	2719	116.75	469	144.75	295	175.10	1042
94.00	7032	117.85	274	145.70	154	175.90	36771

Average of 12.823 to 12.835 min.: VN087846.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
176.95	2336						
178.00	53						
206.80	138						

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBL01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VN087849.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	61 Laurel Street		Date Received:		
Client Sample ID:	VN0916WBL01		SDG No.:	Q3108	
Lab Sample ID:	VN0916WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	47.1		86 - 113	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.7		77 - 121	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	184000	8.206			
540-36-3	1,4-Difluorobenzene	414000	9.082			
3114-55-4	Chlorobenzene-d5	397000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.77			

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBL01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087849.D	1	09/16/25 15:04	VN091625

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\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	184438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	413572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	397360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	185379	49.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	8.153	113	151424	50.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.547	98	526852	47.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.280%			
62) 4-Bromofluorobenzene	12.829	95	181702	45.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.440%			
Target Compounds						Qvalue

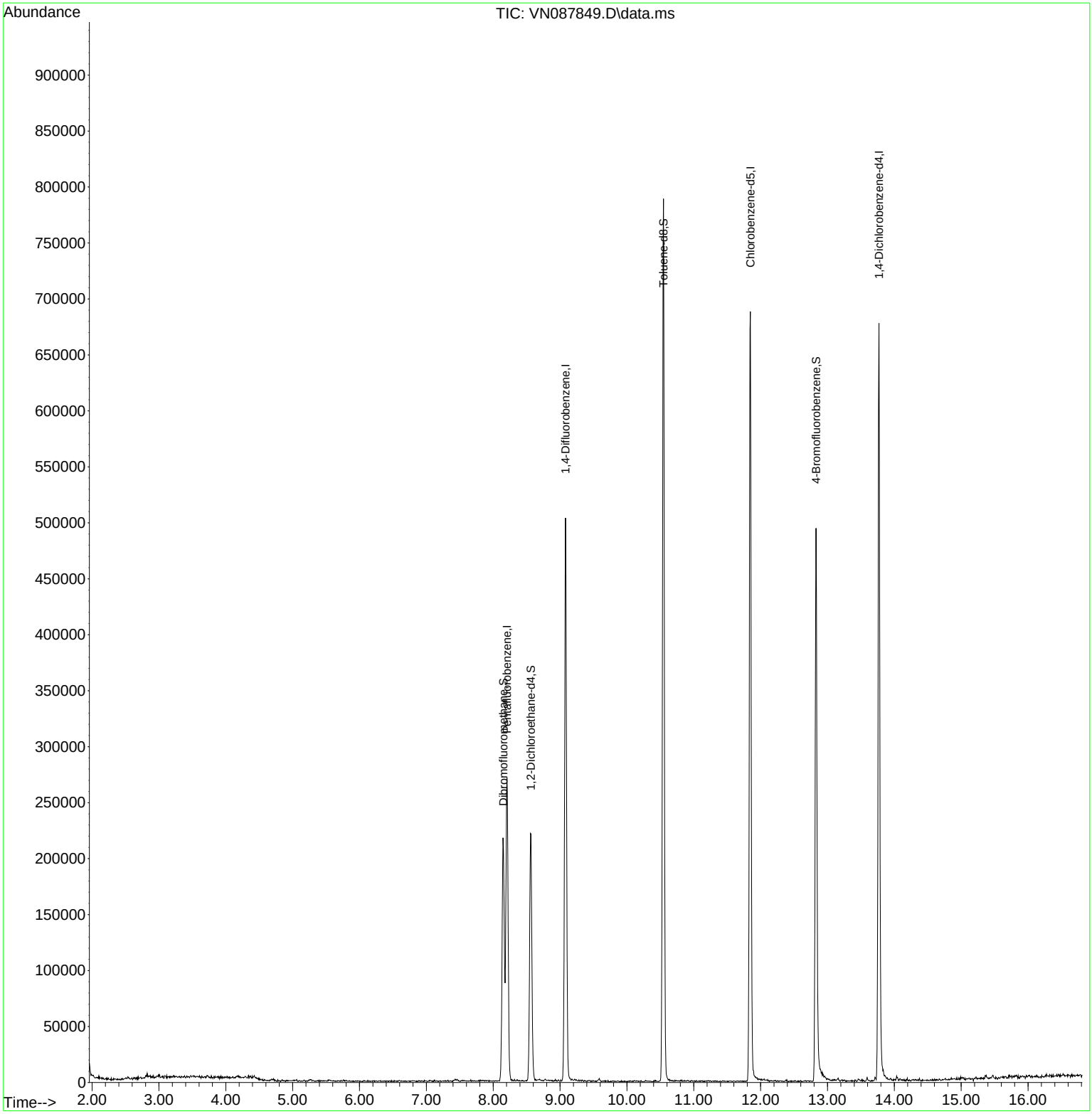
(#) = qualifier out of range (m) = manual integration (+) = signals summed

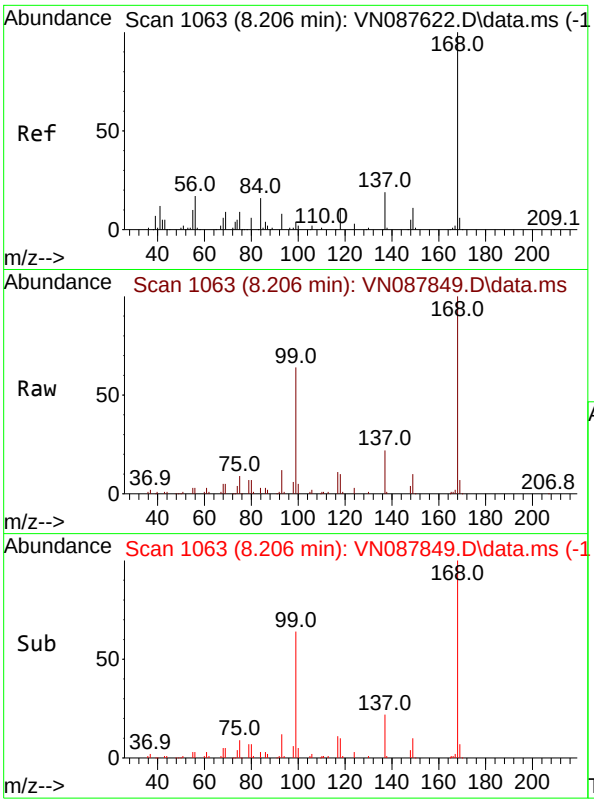
Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Time: Sep 17 01:20:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



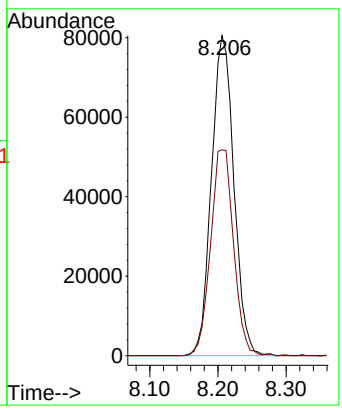


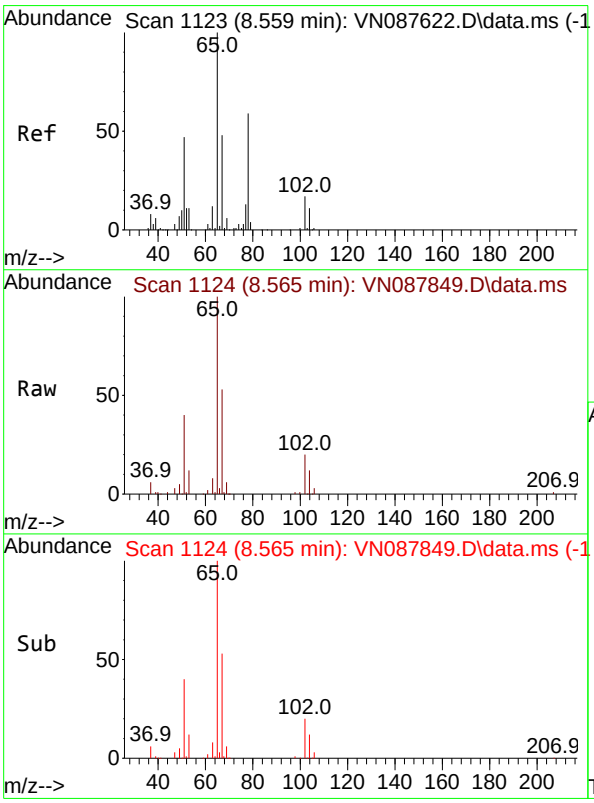
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:168 Resp: 184438

Ion	Ratio	Lower	Upper
168	100		
99	64.4	57.2	85.8

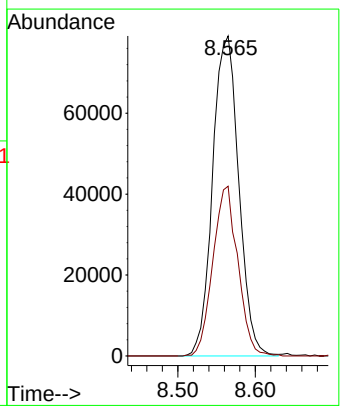


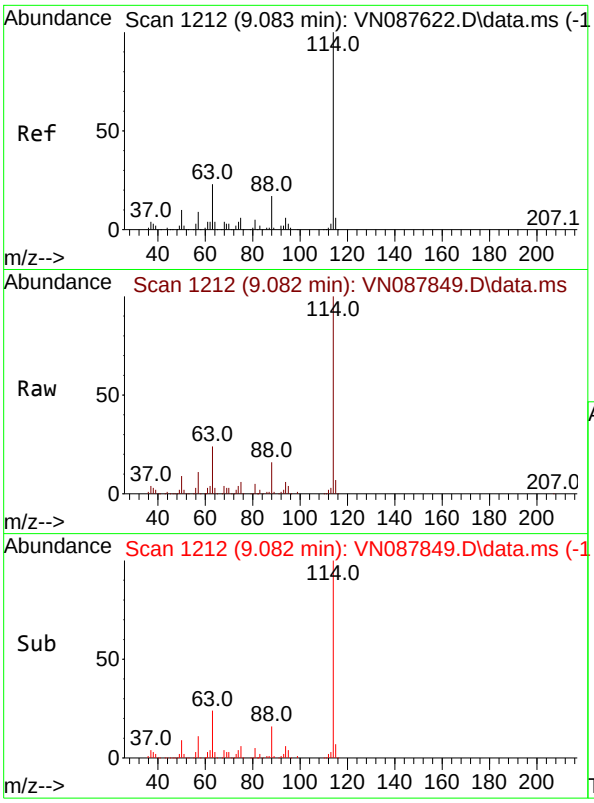


#33
1,2-Dichloroethane-d4
Concen: 49.056 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 65 Resp: 185379

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.0



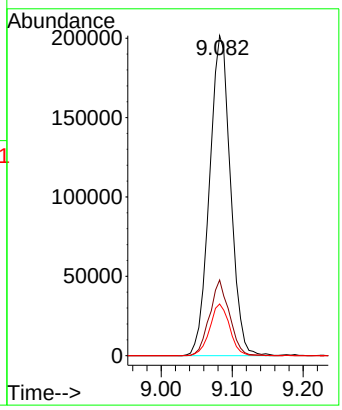


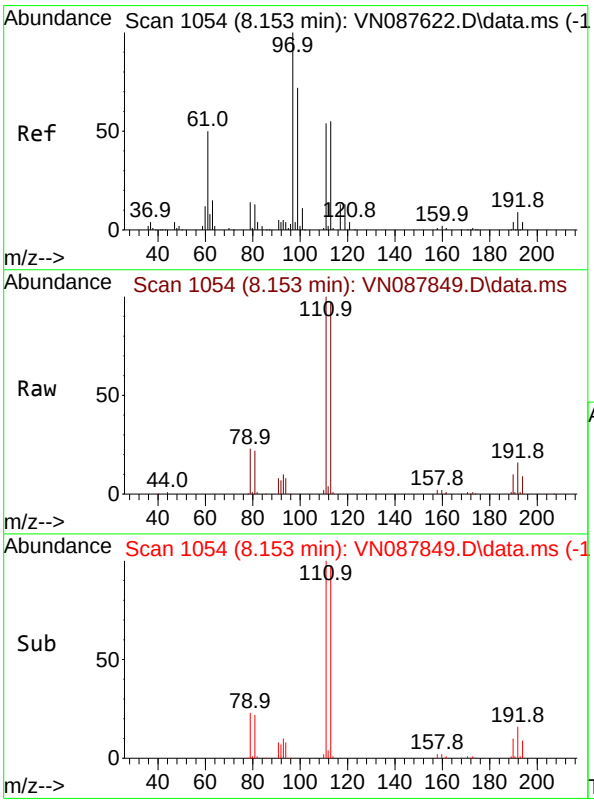
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:114 Resp: 413572

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.2
88	16.1	0.0	33.4

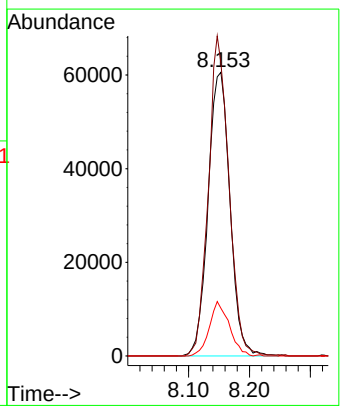


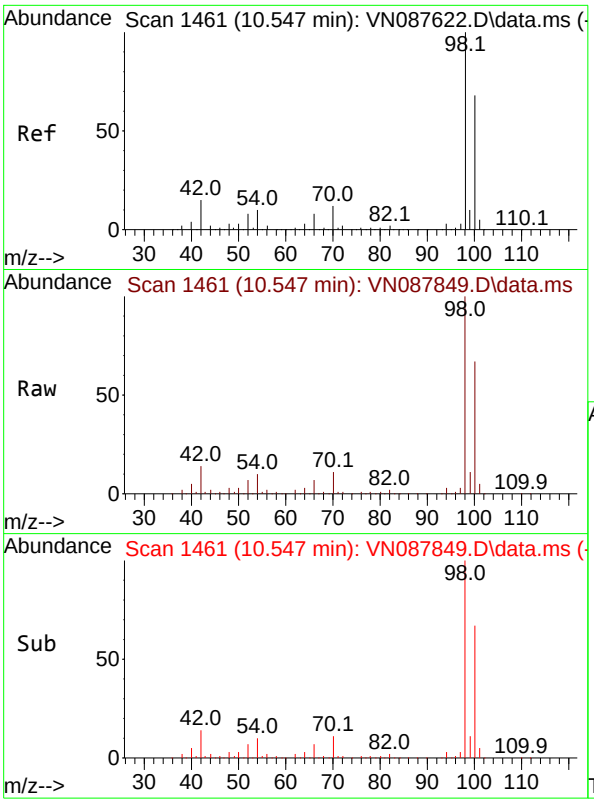


#35
Dibromofluoromethane
Concen: 50.712 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:113 Resp: 151424

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.8	124.2
192	17.5	12.8	19.2



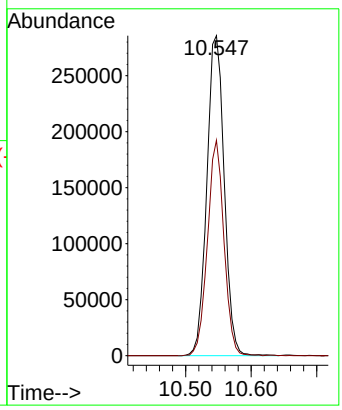


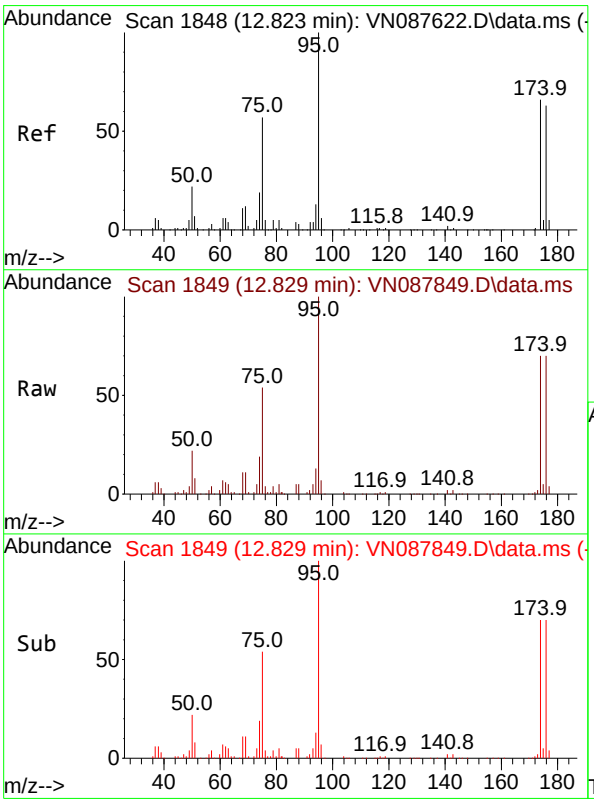
#50
Toluene-d8
Concen: 47.141 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion: 98 Resp: 526852

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.8	79.2

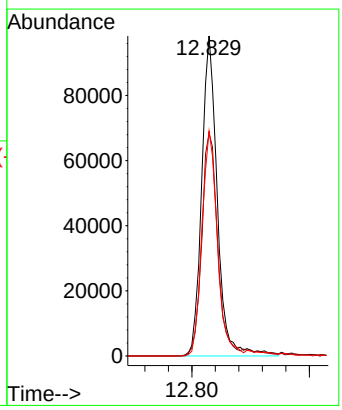


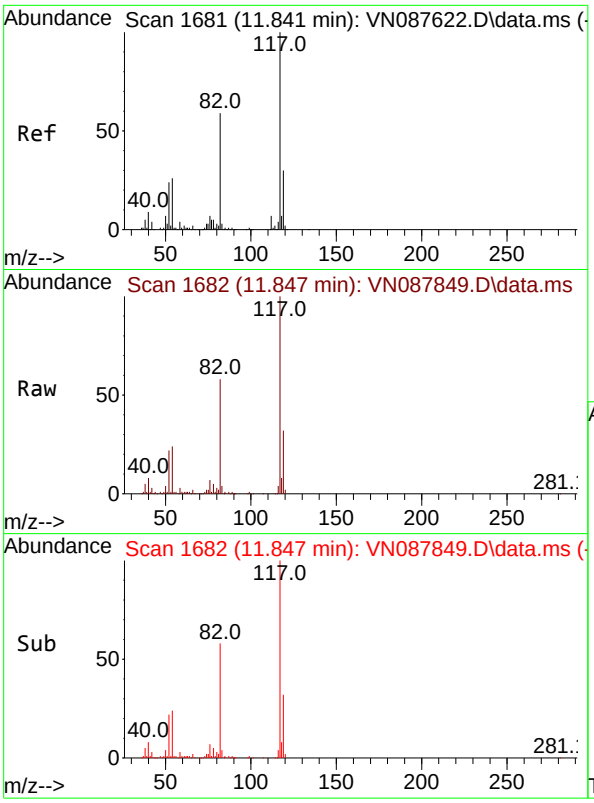


#62
4-Bromofluorobenzene
Concen: 45.717 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion: 95 Resp: 181702

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	138.4
176	69.5	0.0	132.6



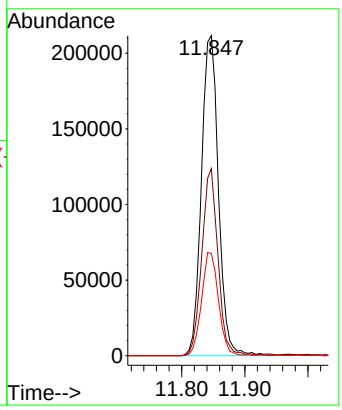


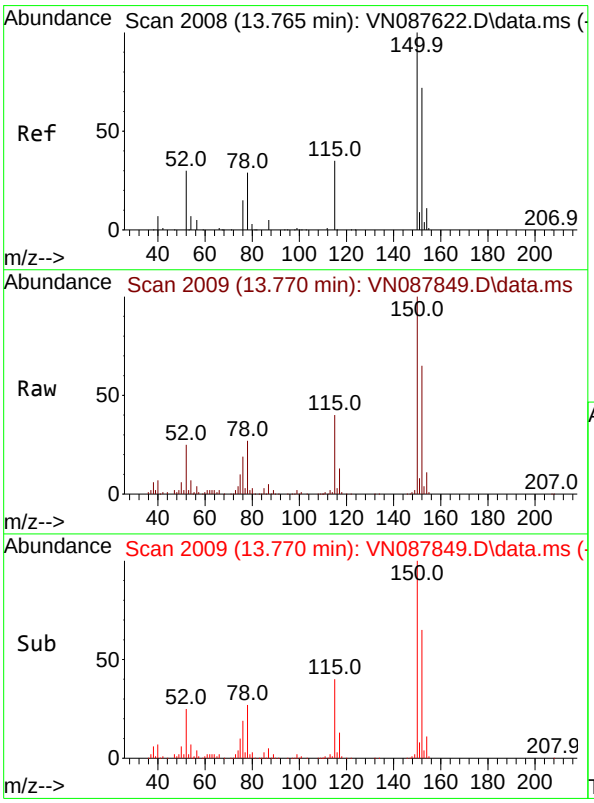
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:117 Resp: 397360

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	32.0	24.3	36.5

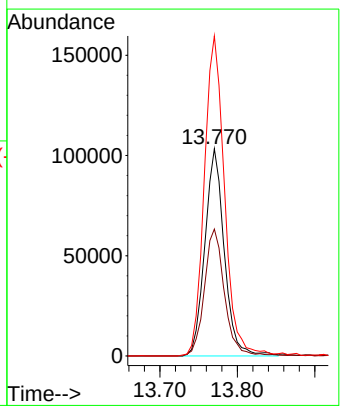




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087849.D
Acq: 16 Sep 2025 15:04

Tgt Ion:152 Resp: 180365

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	160.4	0.0	351.0



Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

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\82N082125W.M
Title : SW846 8260

Signal : TIC: VN087849.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	1044	1053	1058	rBV	217286	512837	35.66%	6.825%
2	8.206	1058	1063	1073	rVB	270213	615648	42.81%	8.193%
3	8.559	1113	1123	1134	rBV	221203	516141	35.89%	6.869%
4	9.082	1202	1212	1222	rBV	503112	1018929	70.85%	13.560%
5	10.547	1452	1461	1473	rBV	787892	1438217	100.00%	19.140%
6	11.847	1673	1682	1694	rBV	687777	1276705	88.77%	16.990%
7	12.829	1840	1849	1864	rBV	494300	931268	64.75%	12.393%
8	13.770	2002	2009	2023	rBV	675612	1204512	83.75%	16.030%

Sum of corrected areas: 7514257

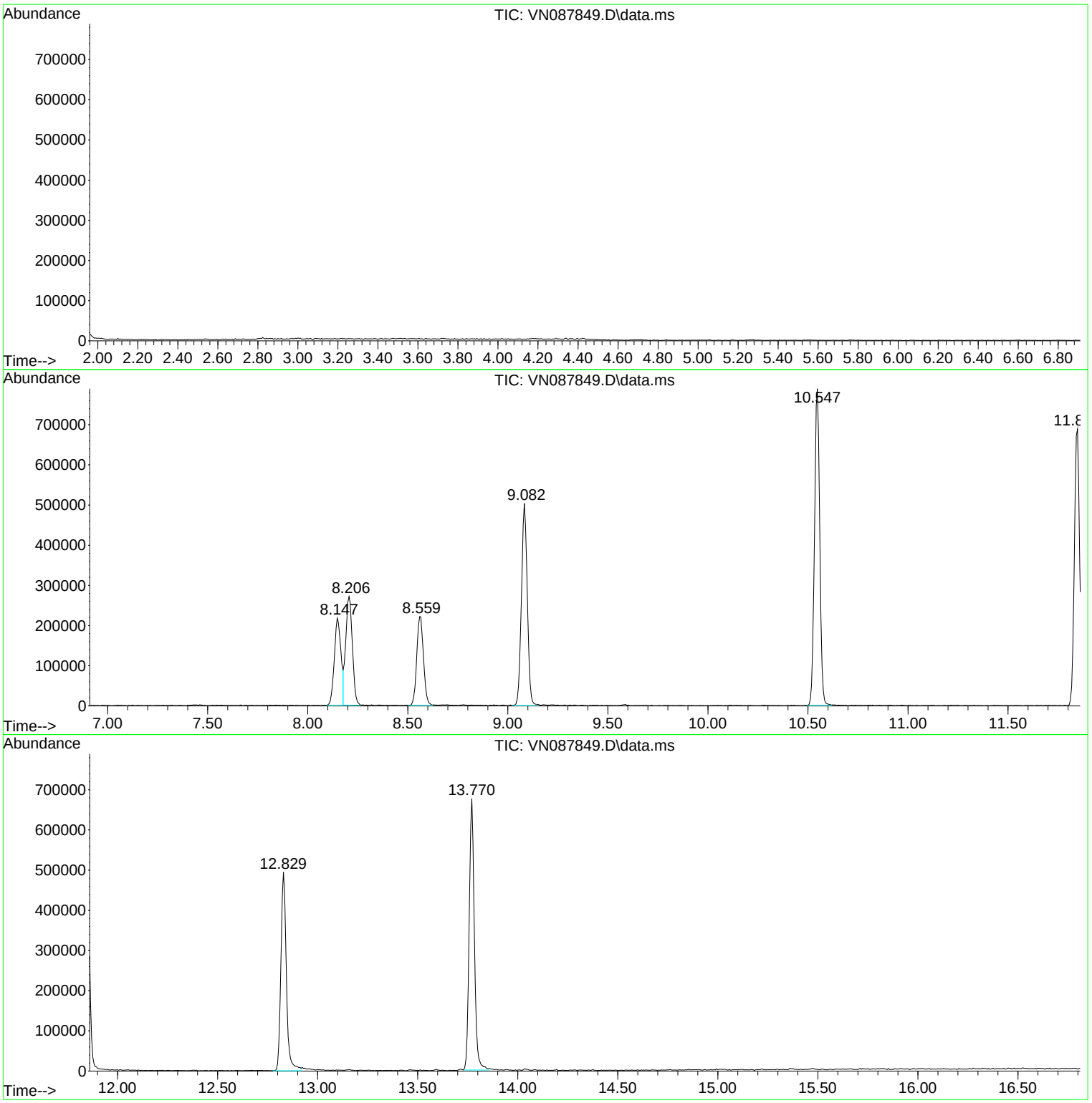
Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VN087849.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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\VN091625\
Data File : VN087849.D
Acq On : 16 Sep 2025 15:04
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.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:	61 Laurel Street		Date Received:		
Client Sample ID:	VN0916WBS01		SDG No.:	Q3108	
Lab Sample ID:	VN0916WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	75.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	19.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.0		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.9		0.22	1.00	ug/L
67-66-3	Chloroform	18.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.4		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.8		0.68	5.00	ug/L

Raw Data: **VN087850.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:	61 Laurel Street		Date Received:		
Client Sample ID:	VN0916WBS01		SDG No.:	Q3108	
Lab Sample ID:	VN0916WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	90.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.24	2.00	ug/L
95-47-6	o-Xylene	18.8		0.12	1.00	ug/L
100-42-5	Styrene	18.8		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		74 - 125	88%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	45.0		86 - 113	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	8.206			
540-36-3	1,4-Difluorobenzene	417000	9.082			
3114-55-4	Chlorobenzene-d5	385000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.77			

Raw Data: **VN087850.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:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBS01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBS01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087850.D	1	09/16/25 15:25	VN091625

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

Sample Results: **VN087850.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	212441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	384629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	191875	44.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.160%			
35) Dibromofluoromethane	8.153	113	142797	47.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.960%			
50) Toluene-d8	10.547	98	506575	45.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.000%			
62) 4-Bromofluorobenzene	12.829	95	187364	46.806	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55904	18.528	ug/l	97
3) Chloromethane	2.383	50	59012	19.032	ug/l	97
4) Vinyl Chloride	2.536	62	64459	17.929	ug/l	98
5) Bromomethane	2.977	94	36769	19.821	ug/l	92
6) Chloroethane	3.142	64	45770	18.113	ug/l	94
7) Trichlorofluoromethane	3.506	101	102174	19.398	ug/l	97
8) Diethyl Ether	3.959	74	40276	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	54564	18.307	ug/l	96
10) Methyl Iodide	4.583	142	30221	18.530	ug/l #	95
11) Tert butyl alcohol	5.530	59	68041	90.044	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55667	18.175	ug/l	85
13) Acrolein	4.183	56	67595	72.764	ug/l	93
14) Allyl chloride	5.012	41	87373	15.742	ug/l	93
15) Acrylonitrile	5.706	53	198074	92.945	ug/l	98
16) Acetone	4.424	43	179741	75.857	ug/l	97
17) Carbon Disulfide	4.706	76	163482	19.388	ug/l	97
18) Methyl Acetate	5.012	43	97217	19.596	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	206909	18.008	ug/l	96
20) Methylene Chloride	5.265	84	68413	19.197	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	60716	18.291	ug/l	93
22) Diisopropyl ether	6.653	45	208232	17.385	ug/l	95
23) Vinyl Acetate	6.594	43	952603	87.417	ug/l	100
24) 1,1-Dichloroethane	6.553	63	118103	17.984	ug/l	95
25) 2-Butanone	7.471	43	271281	87.024	ug/l	98
26) 2,2-Dichloropropane	7.477	77	96026	17.036	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	77168	19.446	ug/l	93
28) Bromochloromethane	7.794	49	56730	17.868	ug/l	93
29) Tetrahydrofuran	7.830	42	177067	88.261	ug/l	98
30) Chloroform	7.947	83	126732	18.906	ug/l	99
31) Cyclohexane	8.235	56	96759	17.673	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	106285	18.710	ug/l	96
36) 1,1-Dichloropropene	8.353	75	81154	17.590	ug/l	96
37) Ethyl Acetate	7.553	43	109179	17.318	ug/l	99
38) Carbon Tetrachloride	8.347	117	87614	19.234	ug/l	94
39) Methylcyclohexane	9.582	83	88595	17.442	ug/l	94
40) Benzene	8.588	78	269680	19.058	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	54678	16.743	ug/l		92
42) 1,2-Dichloroethane	8.653	62	98286	18.074	ug/l		100
43) Isopropyl Acetate	8.677	43	174715	17.750	ug/l		98
44) Trichloroethene	9.335	130	60956	18.867	ug/l		93
45) 1,2-Dichloropropane	9.606	63	68739	18.429	ug/l		100
46) Dibromomethane	9.688	93	49768	18.750	ug/l		94
47) Bromodichloromethane	9.871	83	103785	19.078	ug/l	#	95
48) Methyl methacrylate	9.665	41	78208	16.798	ug/l		97
49) 1,4-Dioxane	9.682	88	22511	373.036	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.423	43	551309	92.834	ug/l		100
52) Toluene	10.612	92	163565	18.645	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	100551	17.857	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	109621	18.749	ug/l		97
55) 1,1,2-Trichloroethane	10.994	97	65951	19.433	ug/l		98
56) Ethyl methacrylate	10.853	69	95504	17.609	ug/l		96
57) 1,3-Dichloropropane	11.141	76	114165	19.008	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.141	63	260397	88.706	ug/l		98
59) 2-Hexanone	11.176	43	338058	90.071	ug/l		98
60) Dibromochloromethane	11.335	129	74413	18.924	ug/l		99
61) 1,2-Dibromoethane	11.447	107	67826	18.954	ug/l		97
64) Tetrachloroethene	11.082	164	51220	19.194	ug/l		92
65) Chlorobenzene	11.870	112	183474	19.174	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	64982	20.455	ug/l		99
67) Ethyl Benzene	11.941	91	301786	18.215	ug/l		99
68) m/p-Xylenes	12.053	106	228624	37.626	ug/l		97
69) o-Xylene	12.376	106	111964	18.803	ug/l		95
70) Styrene	12.388	104	187752	18.820	ug/l		98
71) Bromoform	12.559	173	51182	21.008	ug/l	#	95
73) Isopropylbenzene	12.670	105	283155	16.667	ug/l		99
74) N-amyl acetate	12.676	43	116357m	18.073	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	102369	17.502	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	86649m	17.575	ug/l		
77) Bromobenzene	12.959	156	71443	17.836	ug/l		93
78) n-propylbenzene	13.012	91	357472	17.083	ug/l		99
79) 2-Chlorotoluene	13.100	91	213896	16.985	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	240227	16.669	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	28031	15.052	ug/l		84
82) 4-Chlorotoluene	13.200	91	219802	16.601	ug/l		94
83) tert-Butylbenzene	13.412	119	204658	17.041	ug/l		96
84) 1,2,4-Trimethylbenzene	13.459	105	249090	17.265	ug/l		99
85) sec-Butylbenzene	13.594	105	306232	17.183	ug/l		99
86) p-Isopropyltoluene	13.706	119	248091	16.858	ug/l		98
87) 1,3-Dichlorobenzene	13.711	146	141726	17.967	ug/l		97
88) 1,4-Dichlorobenzene	13.788	146	149128	18.166	ug/l		99
89) n-Butylbenzene	14.035	91	239567	16.391	ug/l		100
90) Hexachloroethane	14.306	117	50166	17.892	ug/l		92
91) 1,2-Dichlorobenzene	14.082	146	134043	17.912	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22750	16.373	ug/l		94
93) 1,2,4-Trichlorobenzene	15.370	180	80915	18.006	ug/l		100
94) Hexachlorobutadiene	15.470	225	30415	18.985	ug/l		96
95) Naphthalene	15.611	128	259960	16.332	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	78003	17.755	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

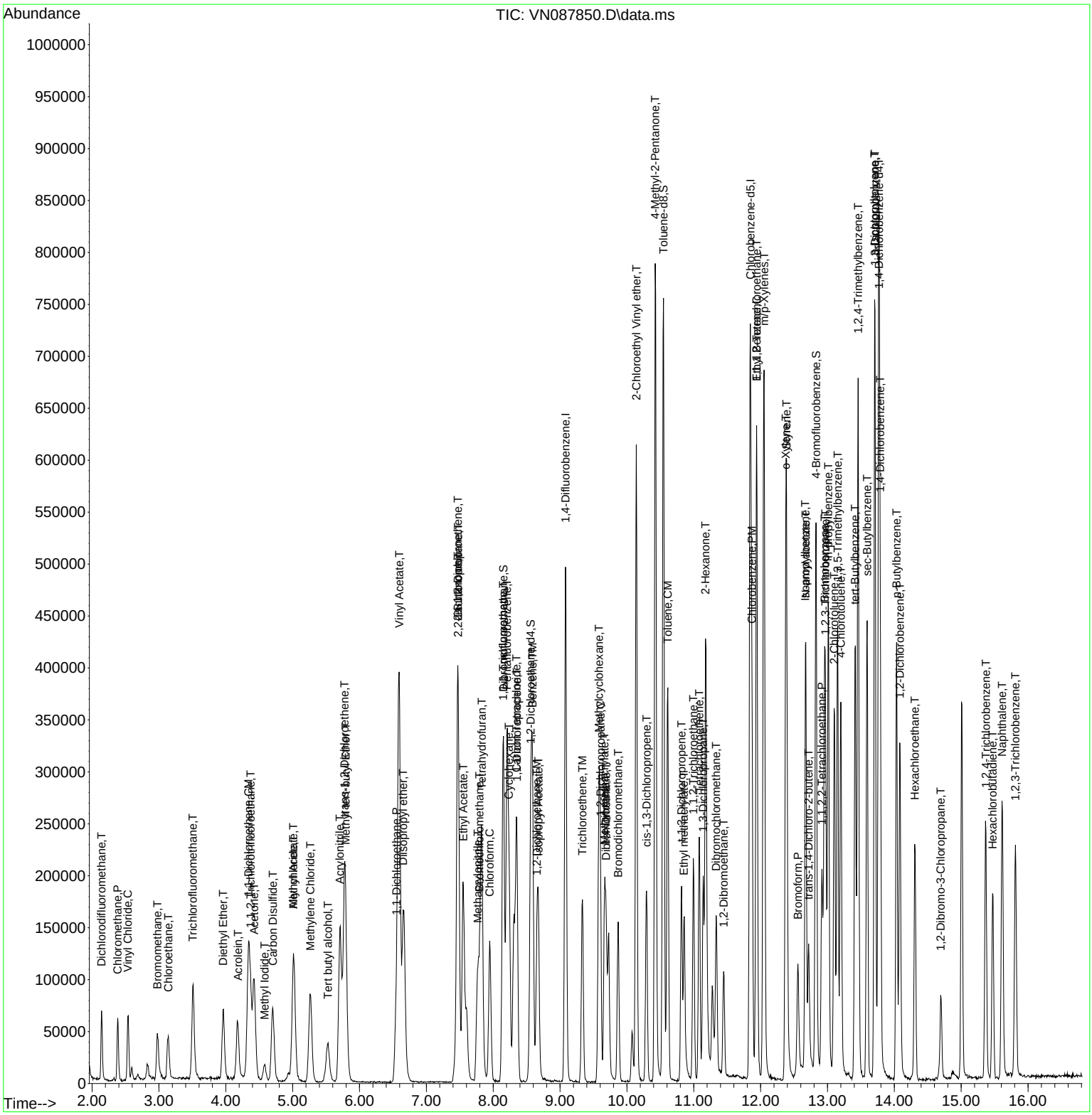
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087850.D
Acq On : 16 Sep 2025 15:25
Operator : JC\MD
Sample : VN0916WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 01:21:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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:	61 Laurel Street	Date Received:	
Client Sample ID:	VN0916WBSD01	SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	18.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.26	1.00	ug/L
74-83-9	Bromomethane	19.5		1.40	5.00	ug/L
75-00-3	Chloroethane	16.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
67-64-1	Acetone	71.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.50	5.00	ug/L
78-93-3	2-Butanone	84.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.4		0.22	1.00	ug/L
67-66-3	Chloroform	18.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.0		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.1		0.68	5.00	ug/L

Raw Data: **VN087851.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:	61 Laurel Street		Date Received:		
Client Sample ID:	VN0916WBSD01		SDG No.:	Q3108	
Lab Sample ID:	VN0916WBSD01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	18.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	21.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.5		74 - 125	87%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	45.6		86 - 113	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	229000	8.206			
540-36-3	1,4-Difluorobenzene	434000	9.083			
3114-55-4	Chlorobenzene-d5	393000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.771			

Raw Data: **VN087851.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:	61 Laurel Street			Date Received:	
Client Sample ID:	VN0916WBSD01			SDG No.:	Q3108
Lab Sample ID:	VN0916WBSD01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087851.D	1	09/16/25 15:46	VN091625

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

Sample Results: **VN087851.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	229272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	392898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	209579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204194	43.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.940%			
35) Dibromofluoromethane	8.147	113	152219	48.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.180%			
50) Toluene-d8	10.547	98	534604	45.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.200%			
62) 4-Bromofluorobenzene	12.829	95	193287	46.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61714	18.952	ug/l	99
3) Chloromethane	2.383	50	61485	18.373	ug/l	96
4) Vinyl Chloride	2.536	62	71328	18.383	ug/l	90
5) Bromomethane	2.983	94	39000	19.480	ug/l	87
6) Chloroethane	3.136	64	46084	16.899	ug/l	94
7) Trichlorofluoromethane	3.512	101	111716	19.652	ug/l	96
8) Diethyl Ether	3.959	74	40444	16.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	59552	18.514	ug/l	97
10) Methyl Iodide	4.577	142	35235	19.471	ug/l	97
11) Tert butyl alcohol	5.524	59	75759	92.898	ug/l	95
12) 1,1-Dichloroethene	4.330	96	58163	17.596	ug/l	90
13) Acrolein	4.177	56	74339	74.149	ug/l	100
14) Allyl chloride	5.012	41	90094	15.040	ug/l	93
15) Acrylonitrile	5.706	53	204541	88.934	ug/l	97
16) Acetone	4.424	43	183819	71.883	ug/l	96
17) Carbon Disulfide	4.706	76	170001	18.681	ug/l	100
18) Methyl Acetate	5.018	43	99443	18.573	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	210306	16.960	ug/l	98
20) Methylene Chloride	5.265	84	70838	18.366	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	63180	17.636	ug/l	90
22) Diisopropyl ether	6.659	45	220735	17.076	ug/l	95
23) Vinyl Acetate	6.589	43	882321	75.024	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123788	17.466	ug/l	97
25) 2-Butanone	7.471	43	283126	84.156	ug/l	100
26) 2,2-Dichloropropane	7.471	77	101171	16.632	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	77871	18.182	ug/l	98
28) Bromochloromethane	7.794	49	59450	17.350	ug/l	90
29) Tetrahydrofuran	7.824	42	179559	82.933	ug/l	97
30) Chloroform	7.947	83	129921	17.959	ug/l	98
31) Cyclohexane	8.236	56	107126	18.131	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	110851	18.081	ug/l	98
36) 1,1-Dichloropropene	8.353	75	86206	17.938	ug/l	98
37) Ethyl Acetate	7.542	43	108447	16.514	ug/l #	94
38) Carbon Tetrachloride	8.341	117	93570	19.721	ug/l	91
39) Methylcyclohexane	9.583	83	97980	18.519	ug/l	96
40) Benzene	8.588	78	278225	18.876	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	59964	17.628	ug/l		98
42) 1,2-Dichloroethane	8.653	62	101742	17.962	ug/l		99
43) Isopropyl Acetate	8.677	43	179617	17.519	ug/l		97
44) Trichloroethene	9.335	130	66656	19.807	ug/l		97
45) 1,2-Dichloropropane	9.606	63	71366	18.369	ug/l		97
46) Dibromomethane	9.688	93	53658	19.408	ug/l		96
47) Bromodichloromethane	9.871	83	108569	19.160	ug/l	#	94
48) Methyl methacrylate	9.665	41	82168	16.943	ug/l		98
49) 1,4-Dioxane	9.677	88	21945	349.128	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.424	43	569808	92.115	ug/l		100
52) Toluene	10.612	92	170728	18.684	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	107103	18.261	ug/l		95
54) cis-1,3-Dichloropropene	10.294	75	108830	17.870	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	71066	20.104	ug/l		92
56) Ethyl methacrylate	10.859	69	100359	17.765	ug/l		98
57) 1,3-Dichloropropane	11.141	76	119059	19.031	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.141	63	263312	86.115	ug/l		96
59) 2-Hexanone	11.177	43	349848	89.488	ug/l		99
60) Dibromochloromethane	11.335	129	78365	19.133	ug/l		100
61) 1,2-Dibromoethane	11.447	107	69424	18.625	ug/l		96
64) Tetrachloroethene	11.082	164	53603	19.664	ug/l		93
65) Chlorobenzene	11.871	112	185603	18.988	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65603	20.216	ug/l		99
67) Ethyl Benzene	11.941	91	316873	18.723	ug/l		98
68) m/p-Xylenes	12.047	106	243049	39.158	ug/l		96
69) o-Xylene	12.376	106	118378	19.462	ug/l		96
70) Styrene	12.388	104	193858	19.023	ug/l		97
71) Bromoform	12.553	173	52426	21.065	ug/l	#	98
73) Isopropylbenzene	12.671	105	294667	17.400	ug/l		99
74) N-amyl acetate	12.665	43	121778m	18.975	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	107892	18.504	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	86475m	17.595	ug/l		
77) Bromobenzene	12.959	156	75614	18.936	ug/l		93
78) n-propylbenzene	13.012	91	377345	18.089	ug/l		100
79) 2-Chlorotoluene	13.106	91	218388	17.397	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	255538	17.787	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	29446	15.861	ug/l		89
82) 4-Chlorotoluene	13.200	91	227013	17.200	ug/l		97
83) tert-Butylbenzene	13.412	119	221104	18.468	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	259126	18.018	ug/l		100
85) sec-Butylbenzene	13.594	105	326968	18.404	ug/l		99
86) p-Isopropyltoluene	13.706	119	276556	18.851	ug/l		100
87) 1,3-Dichlorobenzene	13.712	146	147792	18.795	ug/l		96
88) 1,4-Dichlorobenzene	13.788	146	148845	18.189	ug/l		98
89) n-Butylbenzene	14.035	91	257806	17.694	ug/l		99
90) Hexachloroethane	14.306	117	53872	19.275	ug/l		88
91) 1,2-Dichlorobenzene	14.082	146	143628	19.253	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23465	16.941	ug/l		91
93) 1,2,4-Trichlorobenzene	15.365	180	85112	18.999	ug/l		98
94) Hexachlorobutadiene	15.470	225	33396	20.911	ug/l		97
95) Naphthalene	15.617	128	273883	17.261	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	81446	18.597	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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

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

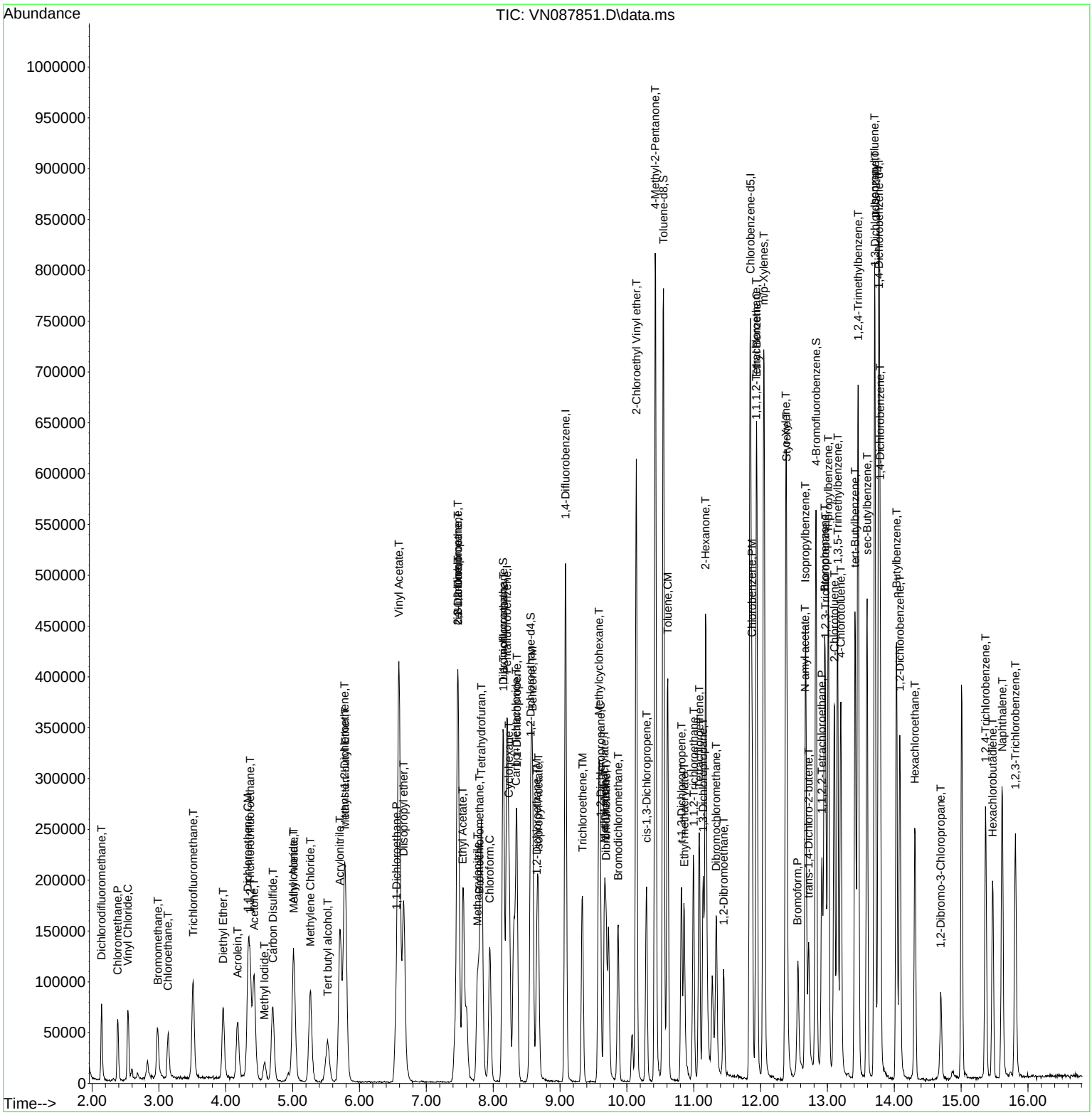
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
Data File : VN087851.D
Acq On : 16 Sep 2025 15:46
Operator : JC\MD
Sample : VN0916WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



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

Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087619.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	1,4-Dichlorobenzene	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Diethyl Ether	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Ethyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	Methyl Acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC001	VN087619.D	N-amyl acetate	JOHN	8/22/2025 9:16:40 AM	MMDadoda	8/25/2025 8:11:19 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	Ethyl Acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC005	VN087620.D	N-amyl acetate	JOHN	8/22/2025 9:16:49 AM	MMDadoda	8/25/2025 8:11:20 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICC020	VN087621.D	N-amyl acetate	JOHN	8/22/2025 9:17:20 AM	MMDadoda	8/25/2025 8:11:22 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software
VSTDICCC050	VN087622.D	N-amyl acetate	JOHN	8/22/2025 9:17:24 AM	MMDadoda	8/25/2025 8:11:23 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN082125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087623.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:28 AM	MMDadoda	8/25/2025 8:11:24 AM	Peak Integrated by Software
VSTDICC150	VN087624.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:33 AM	MMDadoda	8/25/2025 8:11:26 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	1,2,3-Trichloropropane	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software
VSTDICV050	VN087626.D	N-amyl acetate	JOHN	8/22/2025 9:17:37 AM	MMDadoda	8/25/2025 8:11:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN091625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087847.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VSTDCCC050	VN087847.D	N-amyl acetate	JOHN	9/17/2025 8:20:26 AM	MMDadoda	9/18/2025 3:21:22 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBS01	VN087850.D	N-amyl acetate	JOHN	9/17/2025 8:20:32 AM	MMDadoda	9/18/2025 3:21:23 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
VN0916WBSD01	VN087851.D	N-amyl acetate	JOHN	9/17/2025 8:20:36 AM	MMDadoda	9/18/2025 3:21:25 PM	Peak Integrated by Software
Q3108-01	VN087853.D	n-Butylbenzene	JOHN	9/17/2025 8:20:41 AM	MMDadoda	9/18/2025 3:21:26 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 PM	Peak Integrated by Software
VSTDCCC050	VN087867.D	N-amyl acetate	JOHN	9/17/2025 8:20:54 AM	MMDadoda	9/18/2025 3:21:30 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087614.D	21 Aug 2025 09:30	JC\MD	Ok
2	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	JC\MD	Not Ok
3	VN0821WBS01	VN087616.D	21 Aug 2025 10:37	JC\MD	Not Ok
4	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11	JC\MD	Not Ok
5	VN0821WBL01	VN087618.D	21 Aug 2025 11:36	JC\MD	Not Ok
6	VSTDICC001	VN087619.D	21 Aug 2025 12:09	JC\MD	Ok,M
7	VSTDICC005	VN087620.D	21 Aug 2025 13:08	JC\MD	Ok,M
8	VSTDICC020	VN087621.D	21 Aug 2025 13:41	JC\MD	Ok,M
9	VSTDICCC050	VN087622.D	21 Aug 2025 14:02	JC\MD	Ok,M
10	VSTDICC100	VN087623.D	21 Aug 2025 14:23	JC\MD	Ok,M
11	VSTDICC150	VN087624.D	21 Aug 2025 14:44	JC\MD	Ok,M
12	IBLK	VN087625.D	21 Aug 2025 15:05	JC\MD	Ok
13	VSTDICV050	VN087626.D	21 Aug 2025 15:47	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087846.D	16 Sep 2025 11:25	JC\MD	Ok
2	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	JC\MD	Ok,M
3	VN0916MBL01	VN087848.D	16 Sep 2025 14:43	JC\MD	Ok
4	VN0916WBL01	VN087849.D	16 Sep 2025 15:04	JC\MD	Ok
5	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	JC\MD	Ok,M
6	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	JC\MD	Ok,M
7	Q3103-01	VN087852.D	16 Sep 2025 16:08	JC\MD	Ok
8	Q3108-01	VN087853.D	16 Sep 2025 16:29	JC\MD	Ok,M
9	Q3109-01	VN087854.D	16 Sep 2025 16:50	JC\MD	Ok
10	Q3109-02	VN087855.D	16 Sep 2025 17:11	JC\MD	Dilution
11	VN0916MBS01	VN087856.D	16 Sep 2025 17:32	JC\MD	Ok,M
12	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54	JC\MD	Ok,M
13	Q3077-01	VN087858.D	16 Sep 2025 18:15	JC\MD	Ok
14	Q3021-01	VN087859.D	16 Sep 2025 18:36	JC\MD	Ok
15	Q3021-03	VN087860.D	16 Sep 2025 18:58	JC\MD	Ok
16	Q3021-05	VN087861.D	16 Sep 2025 19:19	JC\MD	Ok
17	IBLK	VN087862.D	16 Sep 2025 19:40	JC\MD	Ok
18	Q3087-01	VN087863.D	16 Sep 2025 20:01	JC\MD	Ok
19	Q3087-02	VN087864.D	16 Sep 2025 20:22	JC\MD	Ok
20	Q3087-03	VN087865.D	16 Sep 2025 20:43	JC\MD	Ok
21	Q3087-04	VN087866.D	16 Sep 2025 21:05	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VN087867.D	16 Sep 2025 21:26	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN082125

Review By	John Carlone	Review On	8/22/2025 9:17:52 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/25/2025 8:11:38 AM		
SubDirectory	VN082125	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135214
Initial Calibration Stds	VP135215,VP135216,VP135217,VP135218,VP135219,VP135220
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135221
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087614.D	21 Aug 2025 09:30		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN087615.D	21 Aug 2025 10:04	Need ICAL	JC\MD	Not Ok
3	VN0821WBS01	VN0821WBS01	VN087616.D	21 Aug 2025 10:37		JC\MD	Not Ok
4	VN0821WBSD01	VN0821WBSD01	VN087617.D	21 Aug 2025 11:11		JC\MD	Not Ok
5	VN0821WBL01	VN0821WBL01	VN087618.D	21 Aug 2025 11:36		JC\MD	Not Ok
6	VSTDICC001	VSTDICC001	VN087619.D	21 Aug 2025 12:09	LR-10,20	JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN087620.D	21 Aug 2025 13:08		JC\MD	Ok,M
8	VSTDICC020	VSTDICC020	VN087621.D	21 Aug 2025 13:41	method not used for #N-amyle Acetate	JC\MD	Ok,M
9	VSTDICCC050	VSTDICCC050	VN087622.D	21 Aug 2025 14:02		JC\MD	Ok,M
10	VSTDICC100	VSTDICC100	VN087623.D	21 Aug 2025 14:23		JC\MD	Ok,M
11	VSTDICC150	VSTDICC150	VN087624.D	21 Aug 2025 14:44		JC\MD	Ok,M
12	IBLK	IBLK	VN087625.D	21 Aug 2025 15:05		JC\MD	Ok
13	VSTDICV050	ICVVN082125	VN087626.D	21 Aug 2025 15:47	Icv Failed for Com.# 64 for DOD	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
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	VN087846.D	16 Sep 2025 11:25		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087847.D	16 Sep 2025 13:55	pH#Lot#V12668	JC\MD	Ok,M
3	VN0916MBL01	VN0916MBL01	VN087848.D	16 Sep 2025 14:43		JC\MD	Ok
4	VN0916WBL01	VN0916WBL01	VN087849.D	16 Sep 2025 15:04		JC\MD	Ok
5	VN0916WBS01	VN0916WBS01	VN087850.D	16 Sep 2025 15:25	BS Failed Low For Com.#80,81	JC\MD	Ok,M
6	VN0916WBSD01	VN0916WBSD01	VN087851.D	16 Sep 2025 15:46	BSD Failed Low For Comp.#23	JC\MD	Ok,M
7	Q3103-01	TW-WTS-14	VN087852.D	16 Sep 2025 16:08	vial A pH<2	JC\MD	Ok
8	Q3108-01	MW2	VN087853.D	16 Sep 2025 16:29	vial A pH<2	JC\MD	Ok,M
9	Q3109-01	MW1D	VN087854.D	16 Sep 2025 16:50	vial A pH<2	JC\MD	Ok
10	Q3109-02	MW1	VN087855.D	16 Sep 2025 17:11	vial A pH<2, Need 20X	JC\MD	Dilution
11	VN0916MBS01	VN0916MBS01	VN087856.D	16 Sep 2025 17:32		JC\MD	Ok,M
12	VN0916MBSD01	VN0916MBSD01	VN087857.D	16 Sep 2025 17:54		JC\MD	Ok,M
13	Q3077-01	LAW-25-0137	VN087858.D	16 Sep 2025 18:15	cloth material	JC\MD	Ok
14	Q3021-01	821-B	VN087859.D	16 Sep 2025 18:36	sample is oil	JC\MD	Ok
15	Q3021-03	821-D	VN087860.D	16 Sep 2025 18:58	sample is oil	JC\MD	Ok
16	Q3021-05	821-I	VN087861.D	16 Sep 2025 19:19	sample is oil	JC\MD	Ok
17	IBLK	IBLK	VN087862.D	16 Sep 2025 19:40		JC\MD	Ok
18	Q3087-01	STORAGE-BLANK-SAI	VN087863.D	16 Sep 2025 20:01	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN091625

Review By	John Carlone	Review On	9/17/2025 8:23:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:21:51 PM		
SubDirectory	VN091625	HP Acquire Method		HP Processing Method	82N082125W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135496
Initial Calibration Stds	
CCC	VP135497,VP135498
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3087-02	STORAGE-BLANK-WA	VN087864.D	16 Sep 2025 20:22	vial A pH<2	JC\MD	Ok
20	Q3087-03	STORAGE-BLANK-WA	VN087865.D	16 Sep 2025 20:43	vial A pH<2	JC\MD	Ok
21	Q3087-04	STORAGE-BLANK-SA	VN087866.D	16 Sep 2025 21:05	vial A pH<2	JC\MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VN087867.D	16 Sep 2025 21:26	Low Spike	JC\MD	Not Ok

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

QUOTE NO. Q 3108
COC Number 2047923

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP INC
ADDRESS: 8 Clarence
CITY Secaucus STATE NJ ZIP: 0787
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 61 Laurel
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 Clarence
CITY Secaucus STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: 2 TCL VOCs 3. TCL BNAs (w/ Naphthalene) 4 5: (NJ Reduced) 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	X							← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW2	GW		X	9/15/25	1000	4		X	X							
2.																	
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:	DATE/TIME:
1.	9-16-25 1055	1.	9-16-25 1055
2.		2.	
3.		3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.3 °C
Comments: MW2 VOC | BN +15 (naphthalene) (No Sims)

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3108 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 9/16/2025 10:59:00 AM
Project Name : 61 Laurel Street
Receive DateTime : 9/16/2025 10:55:00 AM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3108-01	MW2	Water	09/15/2025	10:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : [signature]
Date / Time : 9/16/25 1215

Received By : Sam
Date / Time : 09/16/25 12:25 Rq #4
Storage Area : VOA Refridgerator Room