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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : ANDREWS ST SITE - NYSDEC E828144

DAY ENVIRONMENTAL, INC.

Canalside Business Center, 1563 Lyell Avenue

Rochester, NY - 14606

Phone No: 585-454-0210

ORDER ID : Q2816

ATTENTION : Jeff Danzinger

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2816

Project ID : Andrews St Site - NYSDEC E828144

Client : Day Environmental, Inc.

Lab Sample Number	Client Sample Number
Q2816-01	1055-MW-01(23)
Q2816-02	1056-MW-02(23.8)
Q2816-03	1056-MW-02(23.8)MS
Q2816-04	1056-MW-02(23.8)MSD
Q2816-05	1057-MW-03A(17)
Q2816-06	1058-MW-11(15)
Q2816-07	1059-MW-17A(15.5)
Q2816-08	1060-FB080725
Q2816-09	1061-TB080725

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

Signature : **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:24 am, Aug 20, 2025

Date: 8/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Day Environmental, Inc.
Project Name: Andrews St Site - NYSDEC E828144
Project # N/A
Order ID # Q2816
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
9 Water samples were received on 08/11/2025.

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

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_N were done using GC colu mn Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for 1055-MW-01(23)DL [1,2-Dichloroethane-d4 - 129%] due to high concentration of compound, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.

The RPD for {Q2816-04MSD} with File ID: VN087522.D met criteria except for Bromomethane[23%] due to difference in results of MS and MSD.

The Blank Spike for {VN0813WBS01} with File ID: VN087528.D met requirements for all compounds except for Bromochloromethane[133%], Dichlorodifluoromethane[117%] and Methyl tert-butyl Ether[115%] are failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82N071625W.M) for Methylene chloride passing on Linear regression.

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The Continuous Calibration File ID VN087502.D met the requirements except for Dichlorodifluoromethane,Isopropylbenzene and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VN087525.D met the requirements except for Dichlorodifluoromethane is failing high but no positive hit in associate sample therefore no corrective action taken.
The Tuning criteria met requirements.

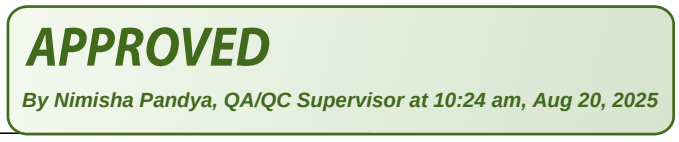
Samples 1055-MW-01(23), 1057-MW-03A(17) were diluted due to high concentrations.

E. Additional Comments:
The Sample #1055-MW-01(23), 1056-MW-02(23.8), 1058-MW-11(15) and 1059-MW-17A(15.5) have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

Signature 

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2816 MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The %RSD is greater than 20% in the Initial Calibration method (82N071625W.M) for Methylene chloride passing on Linear regression. The Continuous Calibration File ID VN087502.D met the requirements except for Dichlorodifluoromethane,Isopropylbenzene and Methyl tert-butyl Ether are failing high but no positive hit in associate sample therefore no corrective action taken. The Continuous Calibration File ID VN087525.D met the requirements except for Dichlorodifluoromethane is failing high but no positive hit in associate sample therefore no corrective action taken.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for 1055-MW-01(23)DL [1,2-Dichloroethane-d4 - 129%] due to high concentration of compound, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.		✓	

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike for {VN0813WBS01} with File ID: VN087528.D met requirements for all compounds except for Bromochloromethane[133%], Dichlorodifluoromethane[117%] and Methyl tert-butyl Ether[115%] are failing high but no positive hit in associate sample therefore no corrective action taken. The RPD for {Q2816-04MSD} with File ID: VN087522.D met criteria except for Bromomethane[23%] due to difference in results of MS and MSD.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Samples 1055-MW-01(23), 1057-MW-03A(17) were diluted due to high concentrations.

The Sample #1055-MW-01(23), 1056-MW-02(23.8), 1058-MW-11(15) and 1059-MW-17A(15.5) have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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.

QA REVIEW

REVIEWED
Sohil Jodhani, QA/QC Director , 8/20/2025, 10:17:44 AM

Date

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2816

	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:** 08/19/2025

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LAB CHRONICLE

OrderID:	Q2816	**OrderDate:**	8/11/2025 10:53:00 AM
Client:	Day Environmental, Inc.	**Project:**	Andrews St Site - NYSDEC E828144
Contact:	Jeff Danzinger	**Location:**	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2816-01	**1055-MW-01(23)**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2816-01DL	**1055-MW-01(23)DL**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2816-02	**1056-MW-02(23.8)**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2816-05	**1057-MW-03A(17)**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2816-05DL	**1057-MW-03A(17)DL**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2816-06	**1058-MW-11(15)**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2816-07	**1059-MW-17A(15.5)**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2816-08	**1060-FB080725**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2816-09	**1061-TB080725**	**Water**			**08/07/25**			**08/11/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2816

Client: Day Environmental, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**1055-MW-01(23)**								
Q2816-01	1055-MW-01(23)	Water	Vinyl Chloride		13.3		0.26	1.00	ug/L
Q2816-01	1055-MW-01(23)	Water	Acetone		13.5		1.50	5.00	ug/L
Q2816-01	1055-MW-01(23)	Water	trans-1,2-Dichloroethene		2.20		0.23	1.00	ug/L
Q2816-01	1055-MW-01(23)	Water	cis-1,2-Dichloroethene		140		0.19	1.00	ug/L
Q2816-01	1055-MW-01(23)	Water	Trichloroethene		160	E	0.090	1.00	ug/L
Q2816-01	1055-MW-01(23)	Water	Tetrachloroethene		1000	E	0.23	1.00	ug/L
			Total Voc :		1330				
Q2816-01	1055-MW-01(23)	Water	Naphthalene, 1,7-dimethyl-	*	14.1	J	0	0	ug/L
Q2816-01	1055-MW-01(23)	Water	Naphthalene, 1,6-dimethyl-	*	37.9	J	0	0	ug/L
Q2816-01	1055-MW-01(23)	Water	Naphthalene, 2,7-dimethyl-	*	10.8	J	0	0	ug/L
Q2816-01	1055-MW-01(23)	Water	Naphthalene, 1-ethyl-	*	11.1	J	0	0	ug/L
			Total Tics :		73.9				
			Total Concentration:		1400				
Client ID:	**1055-MW-01(23)DL**								
Q2816-01DL	1055-MW-01(23)DL	Water	cis-1,2-Dichloroethene		120	D	3.80	20.0	ug/L
Q2816-01DL	1055-MW-01(23)DL	Water	Trichloroethene		120	D	1.90	20.0	ug/L
Q2816-01DL	1055-MW-01(23)DL	Water	Tetrachloroethene		650	D	4.60	20.0	ug/L
			Total Voc :		890				
			Total Concentration:		890				
Client ID:	**1056-MW-02(23.8)**								
Q2816-02	1056-MW-02(23.8)	Water	Vinyl Chloride		2.50		0.26	1.00	ug/L
Q2816-02	1056-MW-02(23.8)	Water	Acetone		15.0		1.50	5.00	ug/L
Q2816-02	1056-MW-02(23.8)	Water	trans-1,2-Dichloroethene		1.10		0.23	1.00	ug/L
Q2816-02	1056-MW-02(23.8)	Water	cis-1,2-Dichloroethene		30.1		0.19	1.00	ug/L
Q2816-02	1056-MW-02(23.8)	Water	Trichloroethene		26.5		0.090	1.00	ug/L
Q2816-02	1056-MW-02(23.8)	Water	Tetrachloroethene		54.0		0.23	1.00	ug/L
			Total Voc :		129				
Q2816-02	1056-MW-02(23.8)	Water	Tetrahydrofuran	*	1.10	J	0.99	5.00	ug/L
			Total Tics :		1.10				
			Total Concentration:		130				
Client ID:	**1057-MW-03A(17)**								
Q2816-05	1057-MW-03A(17)	Water	Acetone		13.6		1.50	5.00	ug/L
Q2816-05	1057-MW-03A(17)	Water	trans-1,2-Dichloroethene		5.90		0.23	1.00	ug/L
Q2816-05	1057-MW-03A(17)	Water	cis-1,2-Dichloroethene		70.4		0.19	1.00	ug/L
Q2816-05	1057-MW-03A(17)	Water	Trichloroethene		120		0.090	1.00	ug/L
Q2816-05	1057-MW-03A(17)	Water	Tetrachloroethene		160	E	0.23	1.00	ug/L
			Total Voc :		370				

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Hit Summary Sheet
SW-846

SDG No.: Q2816

Client: Day Environmental, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		370				
Client ID:	**1057-MW-03A(17)DL**								
Q2816-05DL	1057-MW-03A(17)I	Water	Acetone		24.3	JD	7.60	25.0	ug/L
Q2816-05DL	1057-MW-03A(17)I	Water	cis-1,2-Dichloroethene		66.7	D	0.95	5.00	ug/L
Q2816-05DL	1057-MW-03A(17)I	Water	Trichloroethene		110	D	0.47	5.00	ug/L
Q2816-05DL	1057-MW-03A(17)I	Water	Tetrachloroethene		160	D	1.20	5.00	ug/L
			Total Voc :		361				
			Total Concentration:		361				
Client ID:	**1058-MW-11(15)**								
Q2816-06	1058-MW-11(15)	Water	Chloromethane		0.35	J	0.32	1.00	ug/L
Q2816-06	1058-MW-11(15)	Water	Vinyl Chloride		2.10		0.26	1.00	ug/L
Q2816-06	1058-MW-11(15)	Water	Acetone		17.1		1.50	5.00	ug/L
Q2816-06	1058-MW-11(15)	Water	trans-1,2-Dichloroethene		0.55	J	0.23	1.00	ug/L
Q2816-06	1058-MW-11(15)	Water	2-Butanone		2.90	J	0.98	5.00	ug/L
Q2816-06	1058-MW-11(15)	Water	cis-1,2-Dichloroethene		24.4		0.19	1.00	ug/L
Q2816-06	1058-MW-11(15)	Water	Trichloroethene		29.1		0.090	1.00	ug/L
Q2816-06	1058-MW-11(15)	Water	Tetrachloroethene		140		0.23	1.00	ug/L
			Total Voc :		217				
Q2816-06	1058-MW-11(15)	Water	Methanethiol	*	21.8	J	0	0	ug/L
Q2816-06	1058-MW-11(15)	Water	Dimethyl sulfide	*	29.2	J	0	0	ug/L
Q2816-06	1058-MW-11(15)	Water	Disulfide, dimethyl	*	12.5	J	0	0	ug/L
			Total Tics :		63.5				
			Total Concentration:		280				
Client ID:	**1059-MW-17A(15.5)**								
Q2816-07	1059-MW-17A(15.5	Water	Vinyl Chloride		7.00		0.26	1.00	ug/L
Q2816-07	1059-MW-17A(15.5	Water	Acetone		14.9		1.50	5.00	ug/L
Q2816-07	1059-MW-17A(15.5	Water	trans-1,2-Dichloroethene		7.40		0.23	1.00	ug/L
Q2816-07	1059-MW-17A(15.5	Water	cis-1,2-Dichloroethene		150		0.19	1.00	ug/L
Q2816-07	1059-MW-17A(15.5	Water	Trichloroethene		26.5		0.090	1.00	ug/L
Q2816-07	1059-MW-17A(15.5	Water	Tetrachloroethene		5.00		0.23	1.00	ug/L
			Total Voc :		211				
			Total Concentration:		211				
Client ID:	**1060-FB080725**								
Q2816-08	1060-FB080725	Water	Acetone		15.6		1.50	5.00	ug/L
			Total Voc :		15.6				
			Total Concentration:		15.6				

QC SUMMARY

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

SDG No.: Q2816

Client: Day Environmental, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q2816-01	1055-MW-01(23)	1,2-Dichloroethane-d4	50	59.5	119		74	125
		Dibromofluoromethane	50	49.2	98		75	124
		Toluene-d8	50	52.0	104		86	113
		4-Bromofluorobenzene	50	52.5	105		77	121
Q2816-01DL	1055-MW-01(23)DL	1,2-Dichloroethane-d4	50	64.3	129	*	74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	52.0	104		86	113
		4-Bromofluorobenzene	50	51.7	103		77	121
Q2816-02	1056-MW-02(23.8)	1,2-Dichloroethane-d4	50	60.4	121		74	125
		Dibromofluoromethane	50	49.4	99		75	124
		Toluene-d8	50	51.3	103		86	113
		4-Bromofluorobenzene	50	50.8	102		77	121
Q2816-03MS	1056-MW-02(23.8)MS	1,2-Dichloroethane-d4	50	50.3	100		74	125
		Dibromofluoromethane	50	44.3	89		75	124
		Toluene-d8	50	43.5	87		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121
Q2816-04MSD	1056-MW-02(23.8)MSD	1,2-Dichloroethane-d4	50	53.3	107		74	125
		Dibromofluoromethane	50	44.8	90		75	124
		Toluene-d8	50	46.0	92		86	113
		4-Bromofluorobenzene	50	48.5	97		77	121
Q2816-05	1057-MW-03A(17)	1,2-Dichloroethane-d4	50	60.6	121		74	125
		Dibromofluoromethane	50	49.0	98		75	124
		Toluene-d8	50	51.4	103		86	113
		4-Bromofluorobenzene	50	51.9	104		77	121
Q2816-05DL	1057-MW-03A(17)DL	1,2-Dichloroethane-d4	50	62.5	125		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	51.2	102		86	113
		4-Bromofluorobenzene	50	49.5	99		77	121
Q2816-06	1058-MW-11(15)	1,2-Dichloroethane-d4	50	61.3	123		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	52.2	104		86	113
		4-Bromofluorobenzene	50	52.4	105		77	121
Q2816-07	1059-MW-17A(15.5)	1,2-Dichloroethane-d4	50	61.3	123		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
Q2816-08	1060-FB080725	1,2-Dichloroethane-d4	50	62.2	124		74	125
		Dibromofluoromethane	50	49.6	99		75	124
		Toluene-d8	50	52.0	104		86	113
		4-Bromofluorobenzene	50	50.4	101		77	121
Q2816-09	1061-TB080725	1,2-Dichloroethane-d4	50	60.5	121		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	51.3	103		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
VN0812WBL01	VN0812WBL01	1,2-Dichloroethane-d4	50	58.4	117		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	51.3	103		86	113
		4-Bromofluorobenzene	50	50.1	100		77	121
VN0812WBS01	VN0812WBS01	1,2-Dichloroethane-d4	50	53.3	107		74	125
		Dibromofluoromethane	50	44.8	90		75	124

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Surrogate Summary

SDG No.: Q2816

Client: Day Environmental, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VN0812WBS01	VN0812WBS01	Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	48.7	97		77	121
VN0813WBL01	VN0813WBL01	1,2-Dichloroethane-d4	50	59.6	119		74	125
		Dibromofluoromethane	50	49.7	99		75	124
		Toluene-d8	50	52.0	104		86	113
		4-Bromofluorobenzene	50	50.2	100		77	121
VN0813WBS01	VN0813WBS01	1,2-Dichloroethane-d4	50	58.5	117		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	51.1	102		86	113
		4-Bromofluorobenzene	50	52.4	105		77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087521.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2816-03MS		**Client Sample ID : 1056-MW-02(23.8)MS**									
Dichlorodifluoromethane	50	0	54.0	ug/L	108				73	120	
Chloromethane	50	0	45.7	ug/L	91				58	133	
Vinyl chloride	50	2.50	52.8	ug/L	101				69	125	
Bromomethane	50	0	46.1	ug/L	92				28	165	
Chloroethane	50	0	51.8	ug/L	104				70	141	
Trichlorofluoromethane	50	0	47.6	ug/L	95				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	48.8	ug/L	98				75	117	
1,1-Dichloroethene	50	0	47.3	ug/L	95				53	162	
Acetone	250	15.0	250	ug/L	94				44	150	
Carbon disulfide	50	0	44.4	ug/L	89				44	135	
Methyl tert-butyl Ether	50	0	55.2	ug/L	110				82	133	
Methyl Acetate	50	0	50.7	ug/L	101				76	138	
Methylene Chloride	50	0	49.4	ug/L	99				79	115	
trans-1,2-Dichloroethene	50	1.10	47.7	ug/L	93				76	118	
1,1-Dichloroethane	50	0	49.4	ug/L	99				78	122	
Cyclohexane	50	0	48.0	ug/L	96				71	119	
2-Butanone	250	0	250	ug/L	100				67	137	
Carbon Tetrachloride	50	0	44.2	ug/L	88				66	133	
cis-1,2-Dichloroethene	50	30.1	81.4	ug/L	103				82	124	
Bromochloromethane	50	0	55.6	ug/L	111				72	130	
Chloroform	50	0	51.9	ug/L	104				83	119	
1,1,1-Trichloroethane	50	0	50.0	ug/L	100				83	117	
Methylcyclohexane	50	0	47.0	ug/L	94				64	120	
Benzene	50	0	45.9	ug/L	92				81	128	
1,2-Dichloroethane	50	0	47.5	ug/L	95				76	120	
Trichloroethene	50	26.5	72.7	ug/L	92				28	175	
1,2-Dichloropropane	50	0	46.2	ug/L	92				85	116	
Bromodichloromethane	50	0	47.7	ug/L	95				54	157	
4-Methyl-2-Pentanone	250	0	240	ug/L	96				72	137	
Toluene	50	0	46.8	ug/L	94				85	115	
t-1,3-Dichloropropene	50	0	48.1	ug/L	96				60	141	
cis-1,3-Dichloropropene	50	0	47.4	ug/L	95				36	161	
1,1,2-Trichloroethane	50	0	45.8	ug/L	92				27	175	
2-Hexanone	250	0	240	ug/L	96				75	131	
Dibromochloromethane	50	0	46.2	ug/L	92				59	164	
1,2-Dibromoethane	50	0	47.1	ug/L	94				85	119	
Tetrachloroethene	50	54.0	99.2	ug/L	90				48	153	
Chlorobenzene	50	0	44.2	ug/L	88				85	114	
Ethyl Benzene	50	0	47.9	ug/L	96				81	128	
m/p-Xylenes	100	0	95.5	ug/L	96				69	129	
o-Xylene	50	0	49.9	ug/L	100				75	127	
Styrene	50	0	51.6	ug/L	103				84	128	
Bromoform	50	0	44.5	ug/L	89				73	147	
Isopropylbenzene	50	0	50.4	ug/L	101				76	121	
1,1,2,2-Tetrachloroethane	50	0	47.7	ug/L	95				81	131	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087521.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	45.9	ug/L	92				84	110	
1,4-Dichlorobenzene	50	0	43.8	ug/L	88				81	111	
1,2-Dichlorobenzene	50	0	46.9	ug/L	94				82	113	
1,2-Dibromo-3-Chloropropane	50	0	44.0	ug/L	88				79	137	
1,2,4-Trichlorobenzene	50	0	46.4	ug/L	93				73	120	
1,2,3-Trichlorobenzene	50	0	44.7	ug/L	89				75	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087522.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q2816-04MSD		**Client Sample ID : 1056-MW-02(23.8)MSD**									
Dichlorodifluoromethane	50	0	60.2	ug/L	120		11		73	120	20
Chloromethane	50	0	50.6	ug/L	101		10		58	133	20
Vinyl chloride	50	2.50	58.9	ug/L	113		11		69	125	20
Bromomethane	50	0	58.2	ug/L	116		23	*	28	165	20
Chloroethane	50	0	57.0	ug/L	114		10		70	141	20
Trichlorofluoromethane	50	0	53.7	ug/L	107		12		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	53.6	ug/L	107		9		75	117	20
1,1-Dichloroethene	50	0	52.7	ug/L	105		11		53	162	20
Acetone	250	15.0	290	ug/L	110		16		44	150	20
Carbon disulfide	50	0	50.1	ug/L	100		12		44	135	20
Methyl tert-butyl Ether	50	0	63.0	ug/L	126		13		82	133	20
Methyl Acetate	50	0	57.1	ug/L	114		12		76	138	20
Methylene Chloride	50	0	56.6	ug/L	113		14		79	115	20
trans-1,2-Dichloroethene	50	1.10	53.3	ug/L	104		11		76	118	20
1,1-Dichloroethane	50	0	55.8	ug/L	112		12		78	122	20
Cyclohexane	50	0	51.7	ug/L	103		7		71	119	20
2-Butanone	250	0	290	ug/L	116		15		67	137	20
Carbon Tetrachloride	50	0	49.8	ug/L	100		12		66	133	20
cis-1,2-Dichloroethene	50	30.1	86.3	ug/L	112		8		82	124	20
Bromochloromethane	50	0	56.4	ug/L	113		1		72	130	20
Chloroform	50	0	58.6	ug/L	117		12		83	119	20
1,1,1-Trichloroethane	50	0	56.9	ug/L	114		13		83	117	20
Methylcyclohexane	50	0	53.2	ug/L	106		12		64	120	20
Benzene	50	0	51.8	ug/L	104		12		81	128	20
1,2-Dichloroethane	50	0	55.4	ug/L	111		15		76	120	20
Trichloroethene	50	26.5	76.4	ug/L	100		8		28	175	20
1,2-Dichloropropane	50	0	52.1	ug/L	104		12		85	116	20
Bromodichloromethane	50	0	53.5	ug/L	107		11		54	157	20
4-Methyl-2-Pentanone	250	0	280	ug/L	112		15		72	137	20
Toluene	50	0	53.2	ug/L	106		13		85	115	20
t-1,3-Dichloropropene	50	0	56.3	ug/L	113		16		60	141	20
cis-1,3-Dichloropropene	50	0	54.8	ug/L	110		14		36	161	20
1,1,2-Trichloroethane	50	0	53.5	ug/L	107		16		27	175	20
2-Hexanone	250	0	290	ug/L	116		19		75	131	20
Dibromochloromethane	50	0	52.5	ug/L	105		13		59	164	20
1,2-Dibromoethane	50	0	54.2	ug/L	108		14		85	119	20
Tetrachloroethene	50	54.0	100	ug/L	92		2		48	153	20
Chlorobenzene	50	0	50.1	ug/L	100		13		85	114	20
Ethyl Benzene	50	0	54.7	ug/L	109		13		81	128	20
m/p-Xylenes	100	0	110	ug/L	110		14		69	129	20
o-Xylene	50	0	55.5	ug/L	111		11		75	127	20
Styrene	50	0	57.4	ug/L	115		11		84	128	20
Bromoform	50	0	49.7	ug/L	99		11		73	147	20
Isopropylbenzene	50	0	58.9	ug/L	118		16		76	121	20
1,1,2,2-Tetrachloroethane	50	0	54.7	ug/L	109		14		81	131	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087522.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	52.7	ug/L	105		14		84	110	20
1,4-Dichlorobenzene	50	0	50.7	ug/L	101		15		81	111	20
1,2-Dichlorobenzene	50	0	53.9	ug/L	108		14		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	52.6	ug/L	105		18		79	137	20
1,2,4-Trichlorobenzene	50	0	55.4	ug/L	111		18		73	120	20
1,2,3-Trichlorobenzene	50	0	53.0	ug/L	106		17		75	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087505.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0812WBS01	Dichlorodifluoromethane	20	22.2	ug/L	111			69	116	
	Chloromethane	20	18.1	ug/L	91			65	116	
	Vinyl chloride	20	19.3	ug/L	97			65	117	
	Bromomethane	20	19.8	ug/L	99			58	125	
	Chloroethane	20	20.3	ug/L	102			56	128	
	Trichlorofluoromethane	20	19.5	ug/L	98			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			80	112	
	1,1-Dichloroethene	20	18.6	ug/L	93			74	110	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	18.3	ug/L	92			64	112	
	Methyl tert-butyl Ether	20	21.8	ug/L	109			78	114	
	Methyl Acetate	20	21.4	ug/L	107			67	125	
	Methylene Chloride	20	19.2	ug/L	96			72	114	
	trans-1,2-Dichloroethene	20	19.1	ug/L	96			75	108	
	1,1-Dichloroethane	20	20.1	ug/L	101			78	112	
	Cyclohexane	20	19.6	ug/L	98			75	110	
	2-Butanone	100	98.5	ug/L	99			65	122	
	Carbon Tetrachloride	20	17.6	ug/L	88			77	113	
	cis-1,2-Dichloroethene	20	20.6	ug/L	103			77	110	
	Bromochloromethane	20	19.4	ug/L	97			70	124	
	Chloroform	20	20.7	ug/L	104			79	113	
	1,1,1-Trichloroethane	20	20.3	ug/L	102			80	108	
	Methylcyclohexane	20	19.4	ug/L	97			72	115	
	Benzene	20	18.3	ug/L	92			82	109	
	1,2-Dichloroethane	20	19.9	ug/L	100			80	115	
	Trichloroethene	20	17.1	ug/L	86			77	113	
	1,2-Dichloropropane	20	19.3	ug/L	97			83	111	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	93.9	ug/L	94			74	118	
	Toluene	20	18.8	ug/L	94			82	110	
	t-1,3-Dichloropropene	20	20.2	ug/L	101			79	110	
	cis-1,3-Dichloropropene	20	19.9	ug/L	100			82	110	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			83	112	
	2-Hexanone	100	92.3	ug/L	92			73	117	
	Dibromochloromethane	20	18.7	ug/L	94			82	110	
	1,2-Dibromoethane	20	19.0	ug/L	95			81	110	
	Tetrachloroethene	20	16.2	ug/L	81			67	123	
	Chlorobenzene	20	17.8	ug/L	89			82	109	
	Ethyl Benzene	20	19.4	ug/L	97			83	109	
	m/p-Xylenes	40	37.5	ug/L	94			82	110	
	o-Xylene	20	19.6	ug/L	98			83	109	
	Styrene	20	19.1	ug/L	96			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	21.4	ug/L	107			83	112	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			76	118	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			82	108	
	1,4-Dichlorobenzene	20	18.6	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.8	ug/L	99			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2816**	**Analytical Method:**	**SW8260-Low**
Client:	**Day Environmental, Inc.**	**Datafile :**	VN087505.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0812WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			68	112	
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104			75	113	
	1,2,3-Trichlorobenzene	20	19.0	ug/L	95			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2816 **Analytical Method:** SW8260-Low

Client: Day Environmental, Inc. **Datafile :** VN087528.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0813WBS01	Dichlorodifluoromethane	20	23.3	ug/L	117		*	69	116	
	Chloromethane	20	18.4	ug/L	92			65	116	
	Vinyl chloride	20	20.8	ug/L	104			65	117	
	Bromomethane	20	21.9	ug/L	110			58	125	
	Chloroethane	20	20.7	ug/L	104			56	128	
	Trichlorofluoromethane	20	20.9	ug/L	104			73	115	
	1,1,2-Trichlorotrifluoroethane	20	21.4	ug/L	107			80	112	
	1,1-Dichloroethene	20	19.2	ug/L	96			74	110	
	Acetone	100	120	ug/L	120			60	125	
	Carbon disulfide	20	18.1	ug/L	91			64	112	
	Methyl tert-butyl Ether	20	22.9	ug/L	115		*	78	114	
	Methyl Acetate	20	22.7	ug/L	114			67	125	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			75	108	
	1,1-Dichloroethane	20	21.1	ug/L	106			78	112	
	Cyclohexane	20	20.8	ug/L	104			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.5	ug/L	93			77	113	
	cis-1,2-Dichloroethene	20	21.2	ug/L	106			77	110	
	Bromochloromethane	20	26.6	ug/L	133		*	70	124	
	Chloroform	20	21.8	ug/L	109			79	113	
	1,1,1-Trichloroethane	20	20.7	ug/L	104			80	108	
	Methylcyclohexane	20	20.0	ug/L	100			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	20.8	ug/L	104			80	115	
	Trichloroethene	20	17.5	ug/L	88			77	113	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Bromodichloromethane	20	19.7	ug/L	99			83	110	
	4-Methyl-2-Pentanone	100	99.2	ug/L	99			74	118	
	Toluene	20	19.3	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	20.8	ug/L	104			79	110	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			82	110	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			83	112	
	2-Hexanone	100	98.5	ug/L	99			73	117	
	Dibromochloromethane	20	18.9	ug/L	95			82	110	
	1,2-Dibromoethane	20	18.9	ug/L	95			81	110	
	Tetrachloroethene	20	17.0	ug/L	85			67	123	
	Chlorobenzene	20	18.8	ug/L	94			82	109	
	Ethyl Benzene	20	19.6	ug/L	98			83	109	
	m/p-Xylenes	40	38.5	ug/L	96			82	110	
	o-Xylene	20	19.8	ug/L	99			83	109	
	Styrene	20	20.2	ug/L	101			80	111	
	Bromoform	20	17.3	ug/L	86			79	109	
	Isopropylbenzene	20	21.3	ug/L	106			83	112	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/L	102			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	19.6	ug/L	98			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2816**	**Analytical Method:**	**SW8260-Low**
Client:	**Day Environmental, Inc.**	**Datafile :**	VN087528.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0813WBS01	1,2-Dibromo-3-Chloropropane	20	18.6	ug/L	93			68	112	
	1,2,4-Trichlorobenzene	20	20.2	ug/L	101			75	113	
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0812WBL01

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG NO.: Q2816

Lab File ID: VN087504.D Lab Sample ID: VN0812WBL01

Date Analyzed: 08/12/2025 Time Analyzed: 11:07

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
VN0812WBS01	VN0812WBS01	VN087505.D	08/12/2025
1055-MW-01(23)	Q2816-01	VN087512.D	08/12/2025
1057-MW-03A(17)	Q2816-05	VN087513.D	08/12/2025
1058-MW-11(15)	Q2816-06	VN087514.D	08/12/2025
1059-MW-17A(15.5)	Q2816-07	VN087515.D	08/12/2025
1061-TB080725	Q2816-09	VN087517.D	08/12/2025
1056-MW-02(23.8)	Q2816-02	VN087520.D	08/12/2025
1056-MW-02(23.8)MS	Q2816-03MS	VN087521.D	08/12/2025
1056-MW-02(23.8)MSD	Q2816-04MSD	VN087522.D	08/12/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VN0813WBL01

Lab Name: Alliance | Contract: DAYE01

Lab Code: ACE | SDG NO.: Q2816

Lab File ID: VN087527.D | Lab Sample ID: VN0813WBL01

Date Analyzed: 08/13/2025 | Time Analyzed: 11:41

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
VN0813WBS01	VN0813WBS01	VN087528.D	08/13/2025
1057-MW-03A(17)DL	Q2816-05DL	VN087531.D	08/13/2025
1055-MW-01(23)DL	Q2816-01DL	VN087532.D	08/13/2025
1060-FB080725	Q2816-08	VN087533.D	08/13/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: DAYE01

Lab Code: ACE | SDG NO.: Q2816

Lab File ID: VN087327.D | BFB Injection Date: 07/16/2025

Instrument ID: MSVOA_N | BFB Injection Time: 16:10

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	19.8
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	70.9
175	5.0 - 9.0% of mass 174	3.6 (5.1) 1
176	95.0 - 101.0% of mass 174	68.7 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN087328.D	07/16/2025	17:05
VSTDICC005	VSTDICC005	VN087329.D	07/16/2025	17:27
VSTDICC020	VSTDICC020	VN087330.D	07/16/2025	17:49
VSTDICCC050	VSTDICCC050	VN087331.D	07/16/2025	18:11
VSTDICC100	VSTDICC100	VN087332.D	07/16/2025	18:32
VSTDICC150	VSTDICC150	VN087333.D	07/16/2025	18:54

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: DAYE01
Lab Code: ACE
SDG NO.: Q2816
Lab File ID: VN087501.D
BFB Injection Date: 08/12/2025
Instrument ID: MSVOA_N
BFB Injection Time: 07:57
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 60.0% of mass 95	55.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	5 (7.5) 1
176	95.0 - 101.0% of mass 174	64.5 (96.7) 1
177	5.0 - 9.0% of mass 176	5.1 (7.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087502.D	08/12/2025	10:24
VN0812WBL01	VN0812WBL01	VN087504.D	08/12/2025	11:07
VN0812WBS01	VN0812WBS01	VN087505.D	08/12/2025	11:42
1055-MW-01(23)	Q2816-01	VN087512.D	08/12/2025	14:24
1057-MW-03A(17)	Q2816-05	VN087513.D	08/12/2025	14:46
1058-MW-11(15)	Q2816-06	VN087514.D	08/12/2025	15:07
1059-MW-17A(15.5)	Q2816-07	VN087515.D	08/12/2025	15:29
1061-TB080725	Q2816-09	VN087517.D	08/12/2025	16:13
1056-MW-02(23.8)	Q2816-02	VN087520.D	08/12/2025	17:19
1056-MW-02(23.8)MS	Q2816-03MS	VN087521.D	08/12/2025	17:41
1056-MW-02(23.8)MSD	Q2816-04MSD	VN087522.D	08/12/2025	18:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	Alliance	Contract:	DAYE01
Lab Code:	ACE	SDG NO.:	Q2816
Lab File ID:	VN087524.D	BFB Injection Date:	08/13/2025
Instrument ID:	MSVOA_N	BFB Injection Time:	09:04
GC Column:	RXI-624 ID: 0.25 (mm)	Heated Purge: Y/N	N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.3
75	30.0 - 60.0% of mass 95	57
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	66
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.9 (96.8) 1
177	5.0 - 9.0% of mass 176	3.8 (6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN087525.D	08/13/2025	10:57
VN0813WBL01	VN0813WBL01	VN087527.D	08/13/2025	11:41
VN0813WBS01	VN0813WBS01	VN087528.D	08/13/2025	12:39
1057-MW-03A(17)DL	Q2816-05DL	VN087531.D	08/13/2025	13:45
1055-MW-01(23)DL	Q2816-01DL	VN087532.D	08/13/2025	14:07
1060-FB080725	Q2816-08	VN087533.D	08/13/2025	14:29

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG NO.: Q2816

Lab File ID: VN087502.D Date Analyzed: 08/12/2025

Instrument ID: MSVOA_N Time Analyzed: 10:24

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	330662	8.21	639180	9.08	587049	11.85
UPPER LIMIT	661324	8.712	1278360	9.582	1174100	12.347
LOWER LIMIT	165331	7.712	319590	8.582	293525	11.347
EPA SAMPLE NO.						
1055-MW-01(23)	256280	8.21	555349	9.08	509191	11.85
1056-MW-02(23.8)	238630	8.21	517594	9.08	473697	11.85
1056-MW-02(23.8)MS	257892	8.21	515665	9.09	470061	11.85
1056-MW-02(23.8)MSD	271903	8.21	540888	9.08	499161	11.85
1057-MW-03A(17)	248546	8.21	554436	9.08	512804	11.85
1058-MW-11(15)	245218	8.21	533590	9.08	497794	11.85
1059-MW-17A(15.5)	245518	8.21	544156	9.08	499181	11.85
1061-TB080725	236735	8.21	521055	9.08	471277	11.85
VN0812WBL01	271221	8.21	578160	9.08	521832	11.85
VN0812WBS01	292778	8.21	576676	9.08	523240	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG NO.: Q2816

Lab File ID: VN087502.D Date Analyzed: 08/12/2025

Instrument ID: MSVOA_N Time Analyzed: 10:24

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

	IS4 AREA #	RT #				
12 HOUR STD	291692	13.77				
UPPER LIMIT	583384	14.27				
LOWER LIMIT	145846	13.27				
EPA SAMPLE NO.						
1055-MW-01(23)	246455	13.77				
1056-MW-02(23.8)	220538	13.77				
1056-MW-02(23.8)MS	243472	13.77				
1056-MW-02(23.8)MSD	251240	13.77				
1057-MW-03A(17)	233578	13.77				
1058-MW-11(15)	234425	13.77				
1059-MW-17A(15.5)	232946	13.77				
1061-TB080725	215113	13.77				
VN0812WBL01	242445	13.77				
VN0812WBS01	256652	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG NO.: Q2816

Lab File ID: VN087525.D Date Analyzed: 08/13/2025

Instrument ID: MSVOA_N Time Analyzed: 10:57

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	297883	8.21	560249	9.09	506486	11.85
UPPER LIMIT	595766	8.706	1120500	9.588	1012970	12.347
LOWER LIMIT	148942	7.706	280125	8.588	253243	11.347
EPA SAMPLE NO.						
1055-MW-01(23)DL	249299	8.21	549507	9.09	507445	11.85
1057-MW-03A(17)DL	242235	8.21	538435	9.09	477328	11.85
1060-FB080725	221955	8.21	492245	9.08	450681	11.85
VN0813WBL01	240605	8.21	517097	9.09	472576	11.85
VN0813WBS01	271136	8.21	532074	9.09	483502	11.85

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG NO.: Q2816

Lab File ID: VN087525.D Date Analyzed: 08/13/2025

Instrument ID: MSVOA_N Time Analyzed: 10:57

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

	IS4 AREA #	RT #				
12 HOUR STD	261423	13.77				
UPPER LIMIT	522846	14.27				
LOWER LIMIT	130712	13.27				
EPA SAMPLE NO.						
1055-MW-01(23)DL	235933	13.77				
1057-MW-03A(17)DL	224016	13.77				
1060-FB080725	210279	13.77				
VN0813WBL01	217582	13.77				
VN0813WBS01	246357	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)	SDG No.:	Q2816
Lab Sample ID:	Q2816-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087512.D	1	08/12/25 14:24	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	13.3		0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	13.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	2.20		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	140		0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	160	E	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)	SDG No.:	Q2816
Lab Sample ID:	Q2816-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087512.D	1	08/12/25 14:24	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1000	E	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.5		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	256000	8.212			
540-36-3	1,4-Difluorobenzene	555000	9.082			
3114-55-4	Chlorobenzene-d5	509000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	246000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)	SDG No.:	Q2816
Lab Sample ID:	Q2816-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087512.D	1	08/12/25 14:24	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
001127-76-0	Naphthalene, 1-ethyl-	11.1	J		13.2	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	14.1	J		13.6	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	37.9	J		13.9	ug/L
000582-16-1	Naphthalene, 2,7-dimethyl-	10.8	J		14.5	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Time: Aug 13 03:04:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

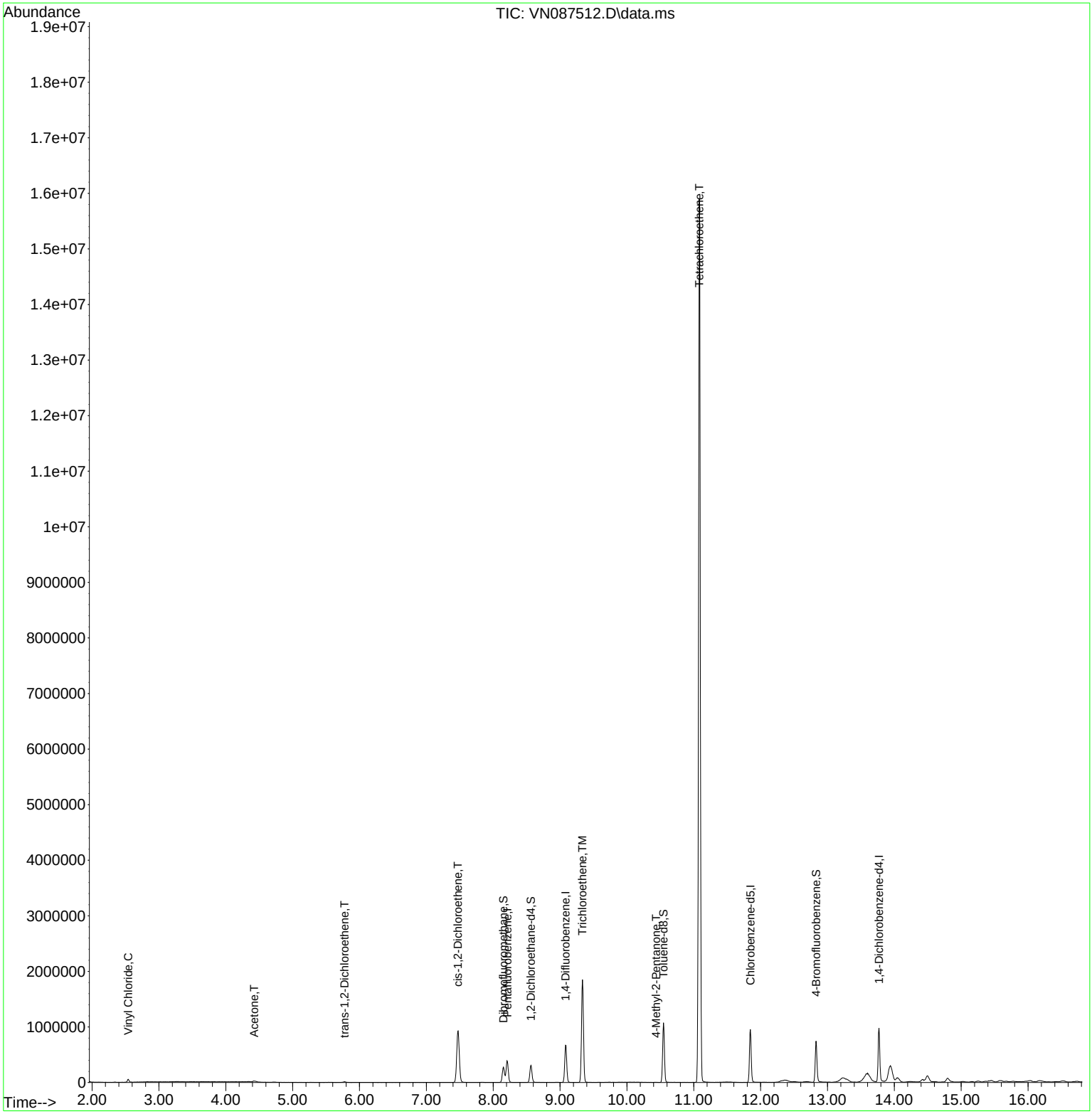
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	256280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	555349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	509191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	258727	59.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.000%			
35) Dibromofluoromethane	8.153	113	188525	49.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	10.547	98	710694	52.009	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.829	95	265076	52.506	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.020%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.542	62	45371	13.338	ug/l	98
16) Acetone	4.424	43	27475	13.475	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	7205	2.184	ug/l #	75
27) cis-1,2-Dichloroethene	7.471	96	541229	142.486	ug/l	93
44) Trichloroethene	9.335	130	613549	158.741	ug/l	90
51) 4-Methyl-2-Pentanone	10.435	43	3474	0.484	ug/l #	74
64) Tetrachloroethene	11.082	164	3301374	1007.382	ug/l	95

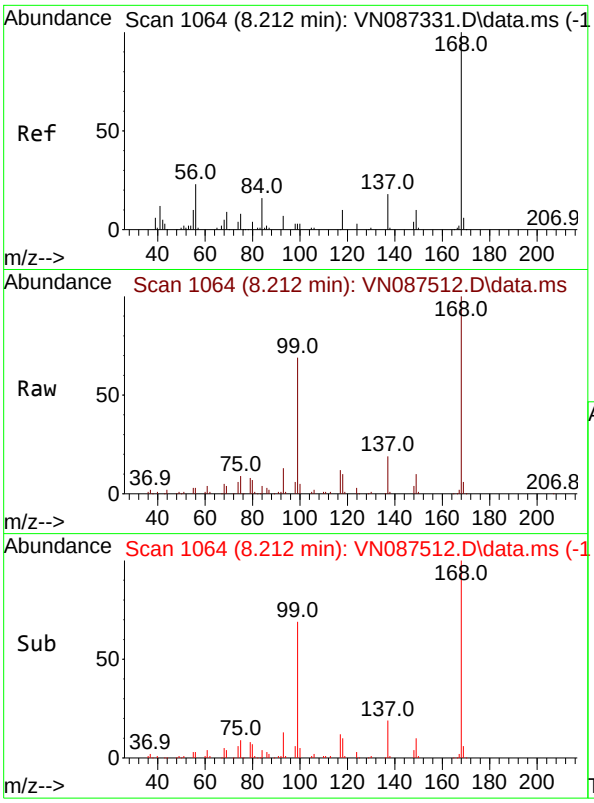
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Time: Aug 13 03:04:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



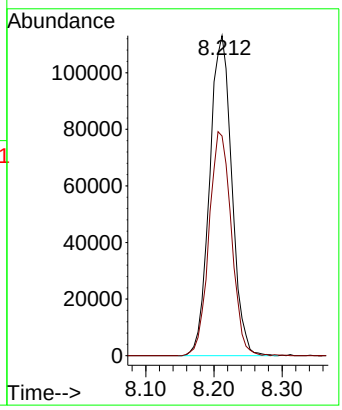


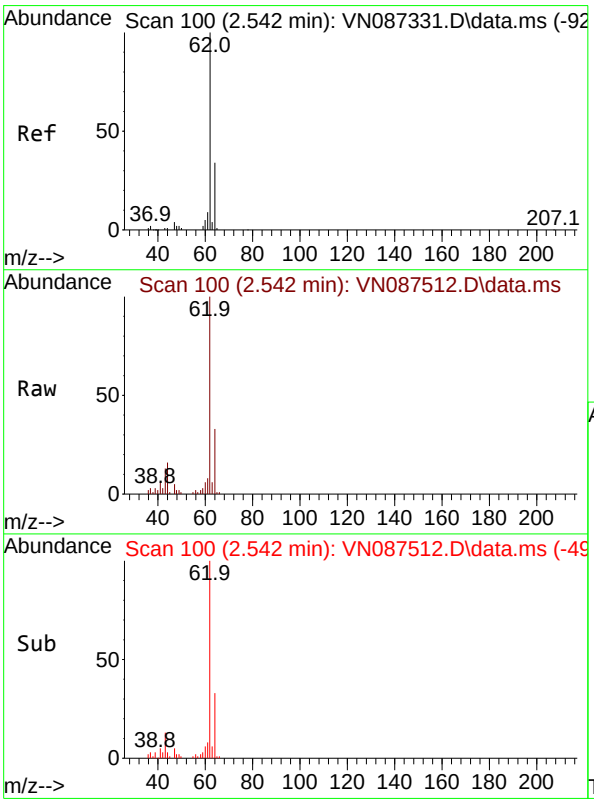
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion:168 Resp: 256280

Ion	Ratio	Lower	Upper
168	100		
99	68.6	47.9	71.9

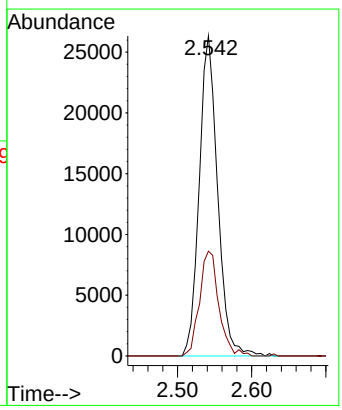


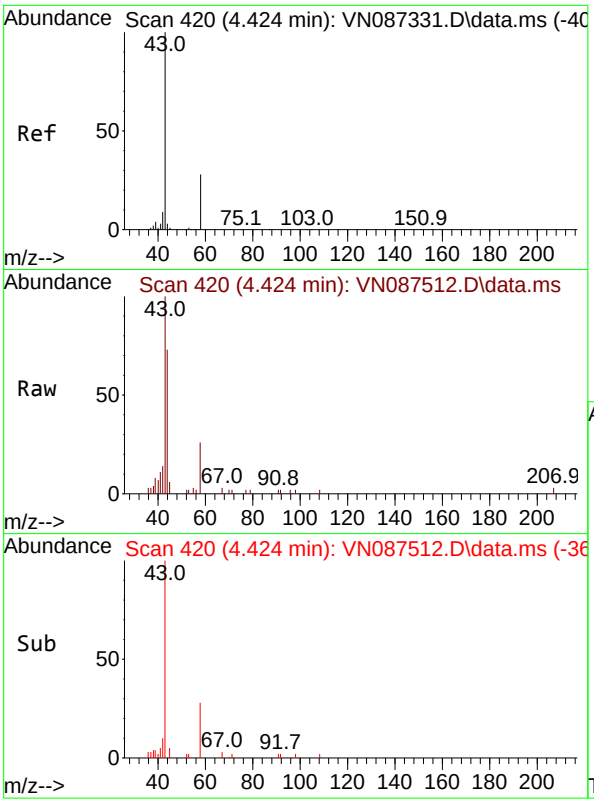


#4
Vinyl Chloride
Concen: 13.338 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 62 Resp: 45371

Ion	Ratio	Lower	Upper
62	100		
64	32.7	27.0	40.6



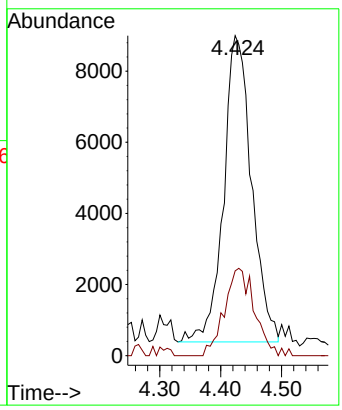


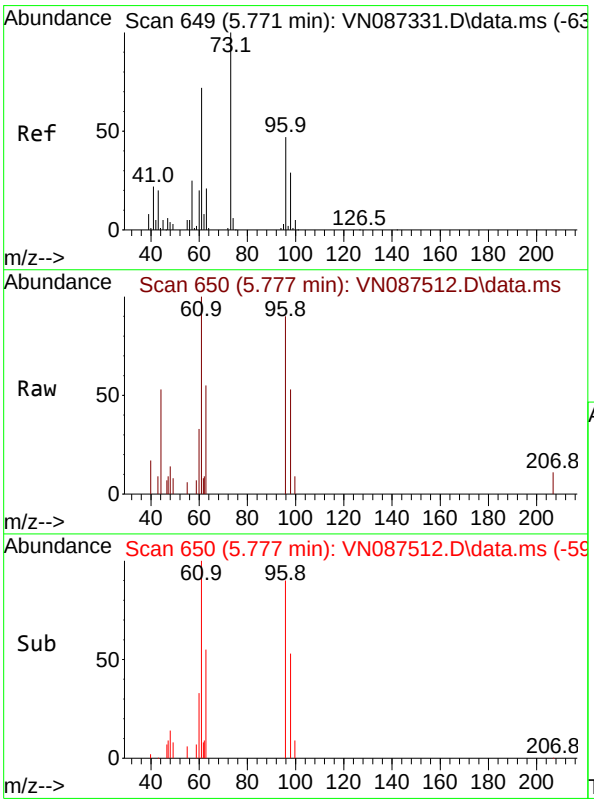
#16
Acetone
Concen: 13.475 ug/l
RT: 4.424 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion: 43 Resp: 27475

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.3	33.5

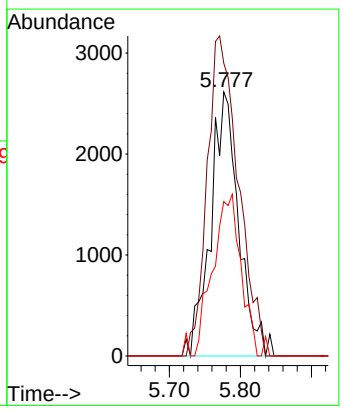


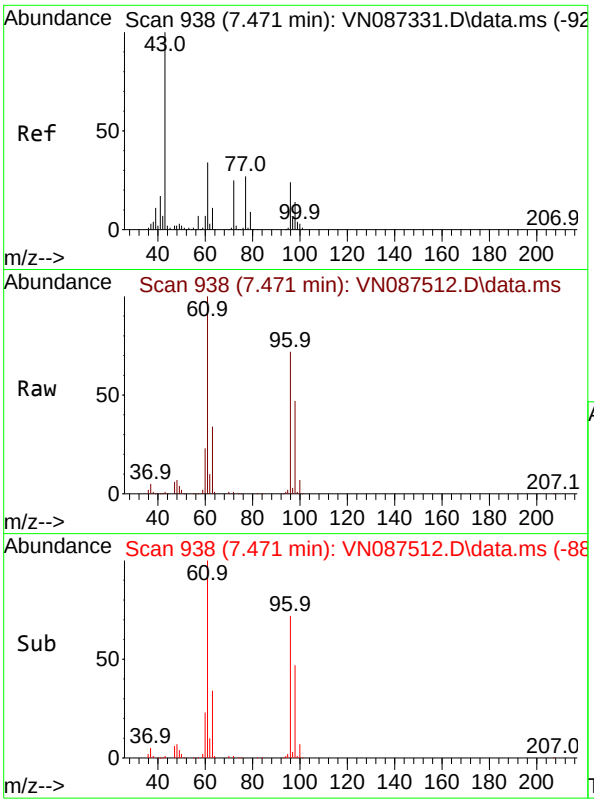


#21
trans-1,2-Dichloroethene
Concen: 2.184 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 96 Resp: 7205

Ion	Ratio	Lower	Upper
96	100		
61	110.8	122.0	183.0#
98	58.5	50.0	75.0



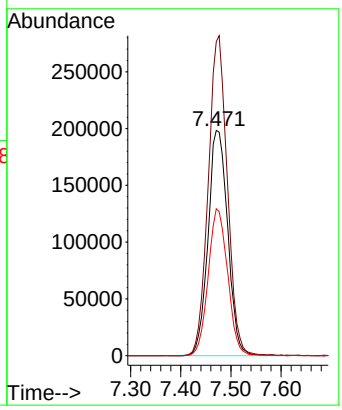


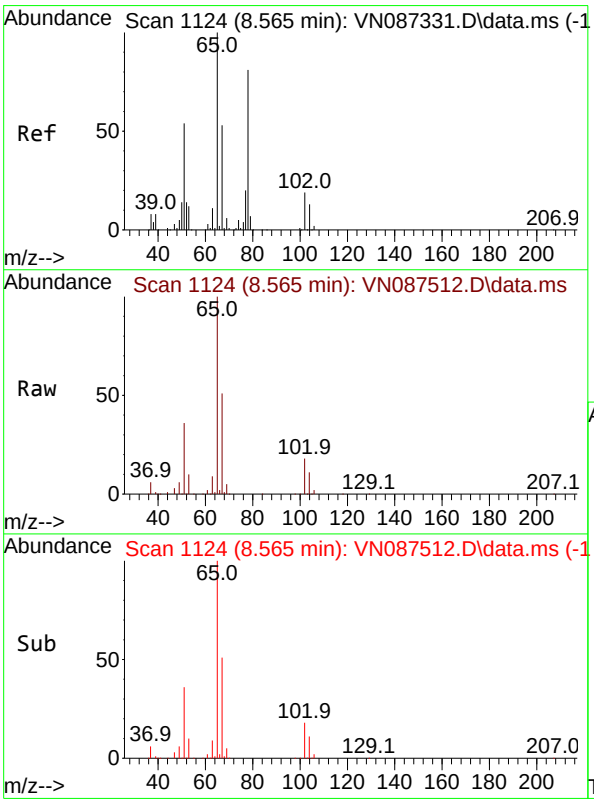
#27
cis-1,2-Dichloroethene
Concen: 142.486 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion: 96 Resp: 541229

Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	297.8
98	64.3	0.0	132.4

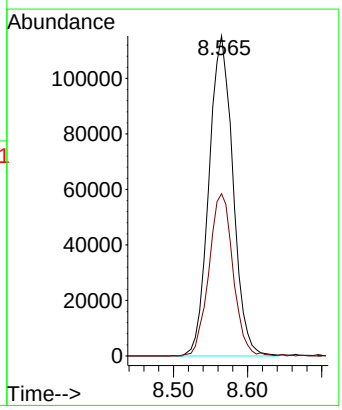


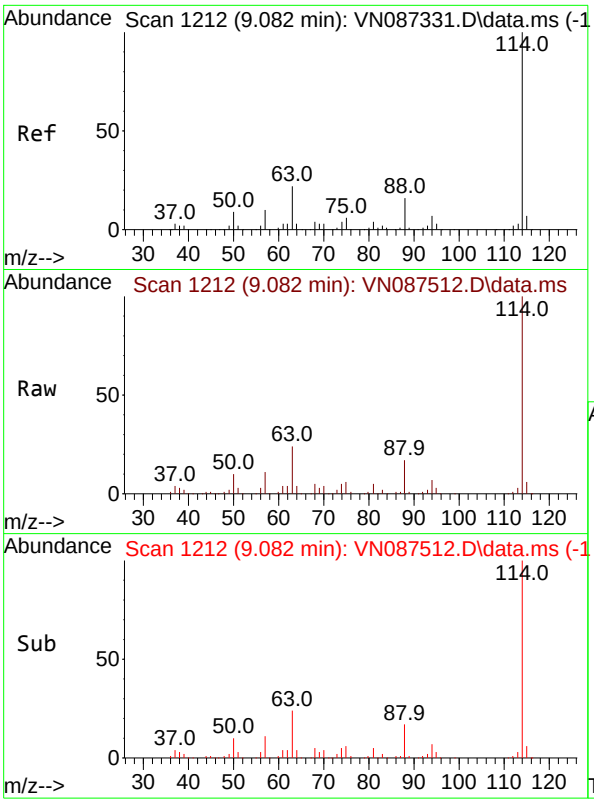


#33
1,2-Dichloroethane-d4
Concen: 59.498 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 65 Resp: 258727

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.0



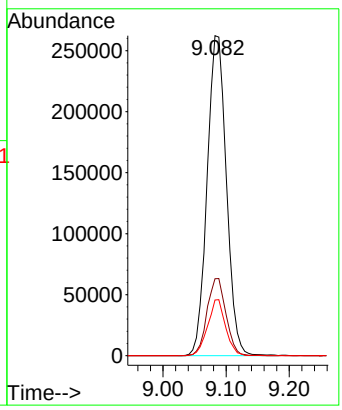


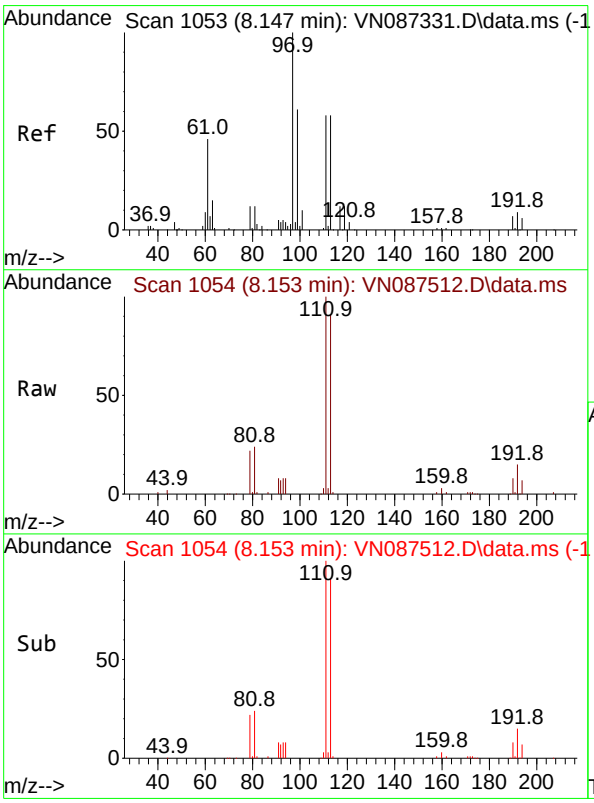
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion:114 Resp: 555349

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	44.6
88	17.4	0.0	32.8

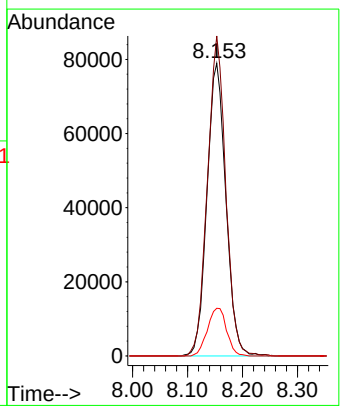


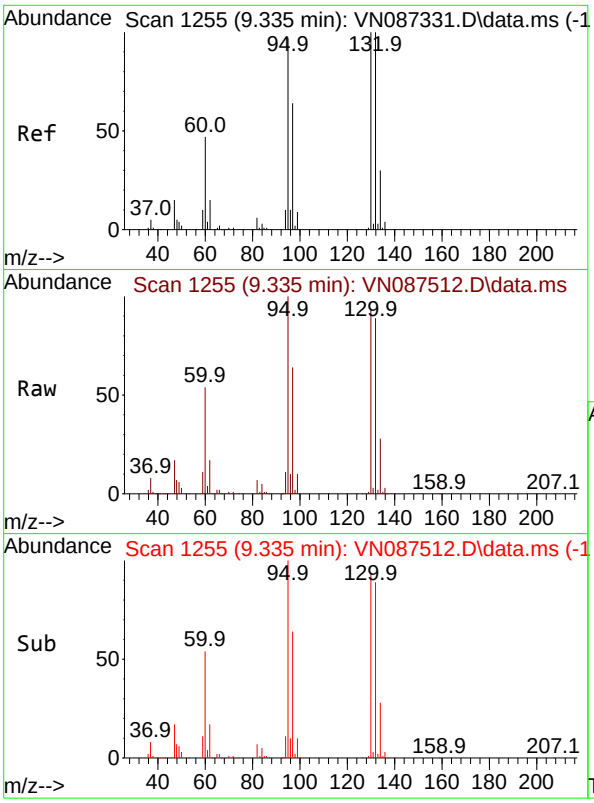


#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion:113 Resp: 188525

Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.5	123.7
192	16.6	13.7	20.5



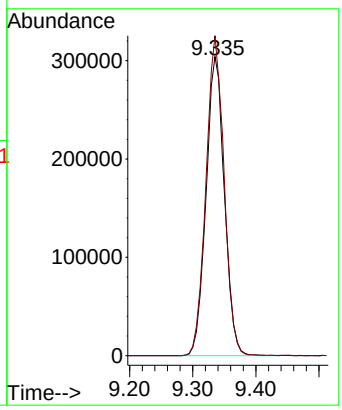


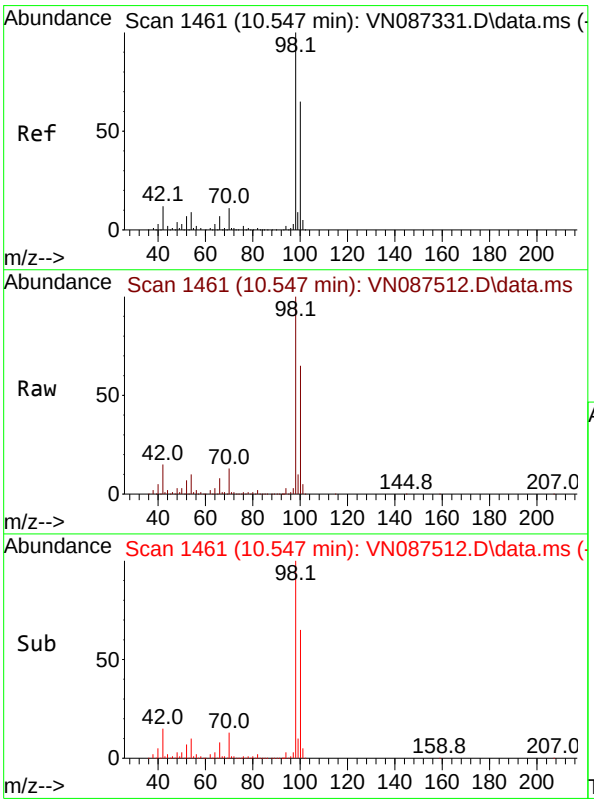
#44
Trichloroethene
Concen: 158.741 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion:130 Resp: 613549

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	195.2

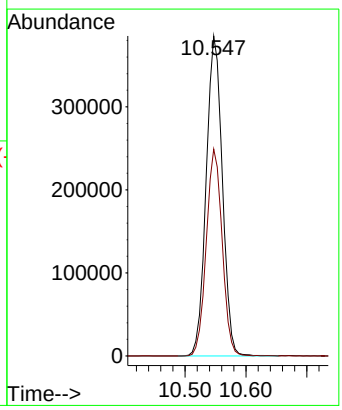


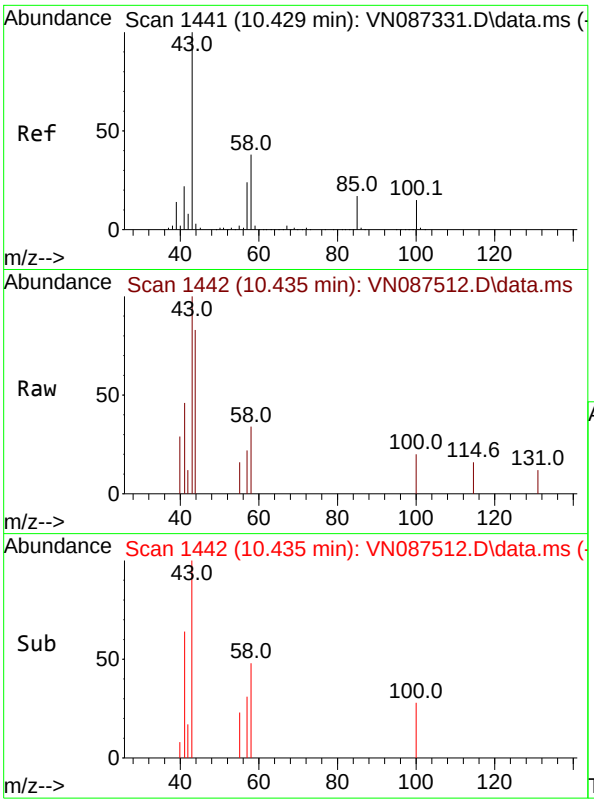


#50
Toluene-d8
Concen: 52.009 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 98 Resp: 710694

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.1	78.1



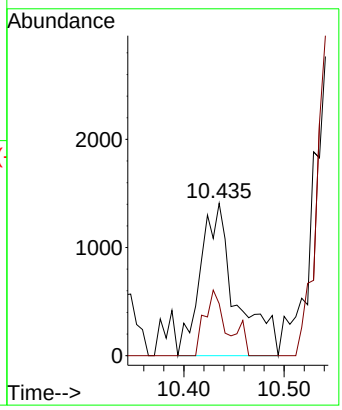


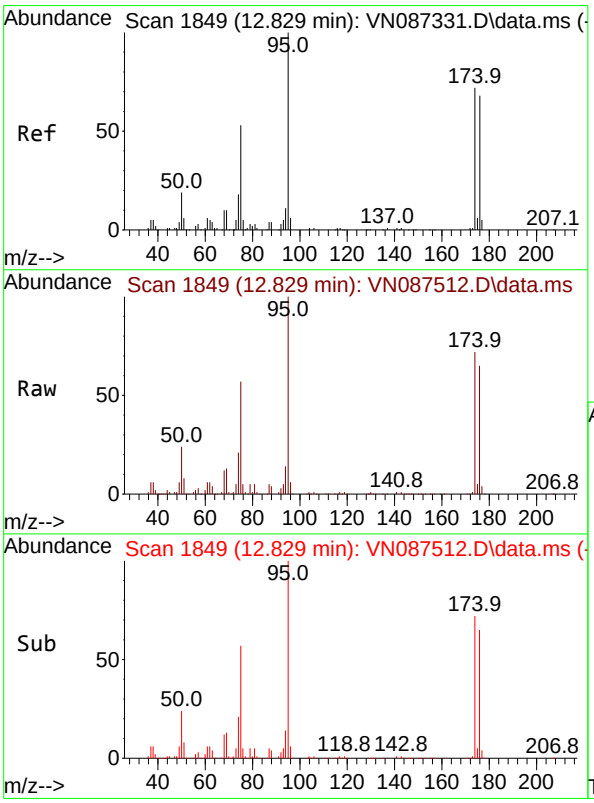
#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 10.435 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion: 43 Resp: 3474

Ion	Ratio	Lower	Upper
43	100		
58	22.5	30.8	46.2#

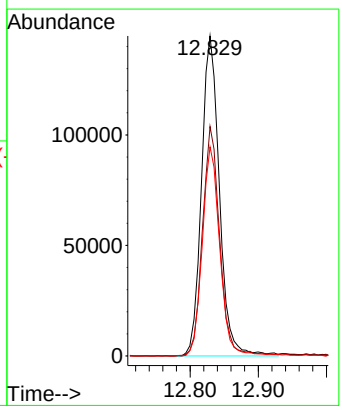


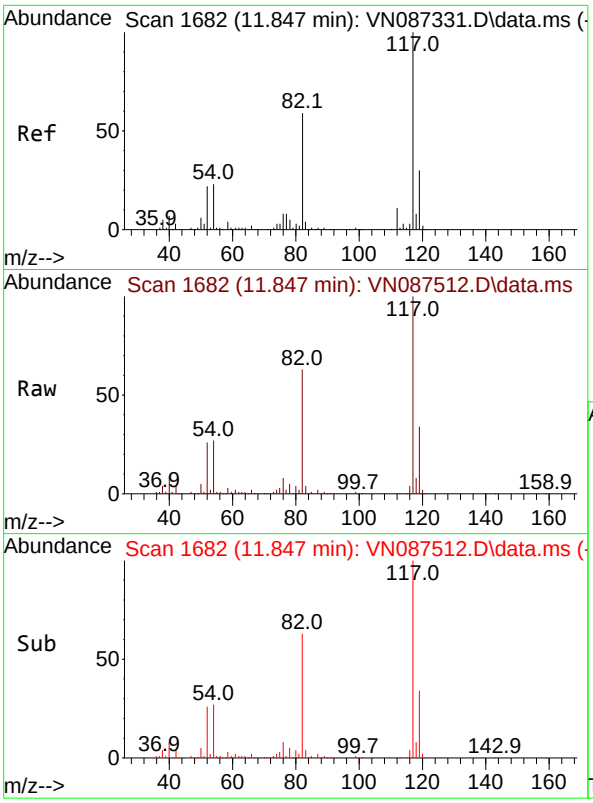


#62
4-Bromofluorobenzene
Concen: 52.506 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion: 95 Resp: 265076

Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	149.4
176	64.1	0.0	141.2



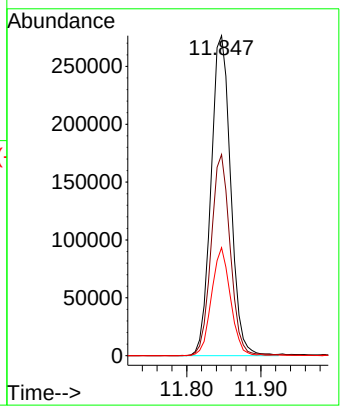


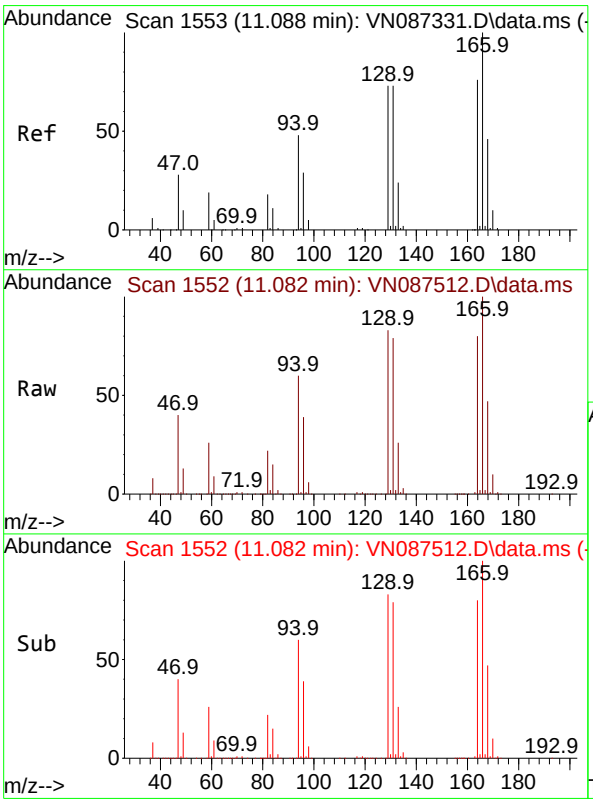
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion:117 Resp: 509191

Ion	Ratio	Lower	Upper
117	100		
82	62.8	47.4	71.2
119	33.8	23.8	35.8

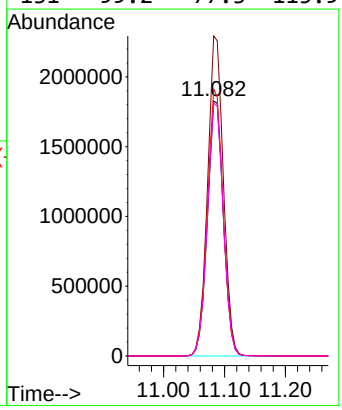


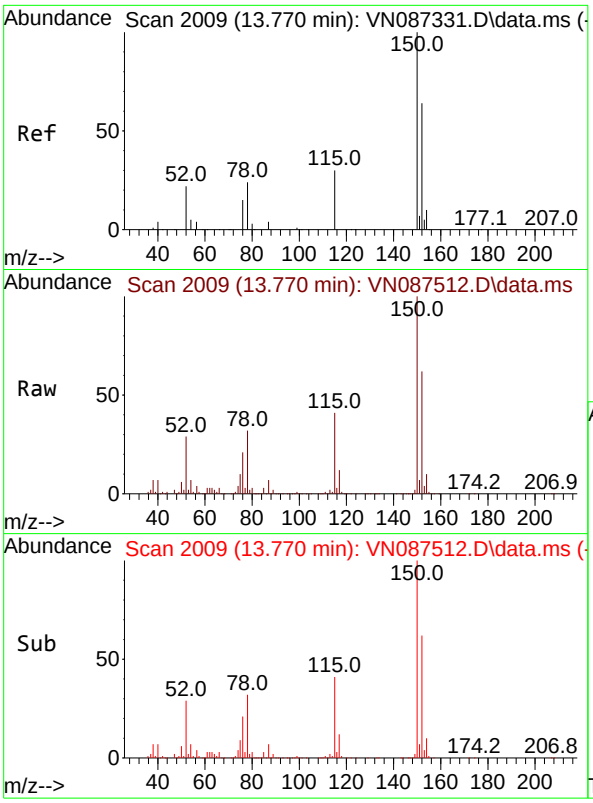


#64
Tetrachloroethene
Concen: 1007.382 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Tgt Ion:164 Resp: 3301374

Ion	Ratio	Lower	Upper
164	100		
166	125.5	105.5	158.3
129	104.7	77.4	116.2
131	99.2	77.3	115.9



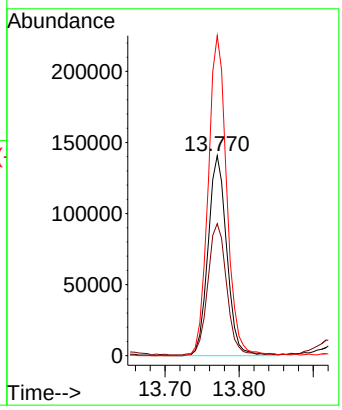


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087512.D
Acq: 12 Aug 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Tgt Ion:152 Resp: 246455

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.1	93.5
150	159.3	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.477	925	939	953	rBV	929115	2500410	8.68%	5.212%
2	8.153	1042	1054	1059	rBV	274437	676823	2.35%	1.411%
3	8.206	1059	1063	1076	rVB	389012	854621	2.97%	1.781%
4	8.565	1114	1124	1136	rBV	307636	702745	2.44%	1.465%
5	9.082	1203	1212	1223	rBV	670935	1411501	4.90%	2.942%
6	9.335	1246	1255	1266	rBV	1849274	3714890	12.89%	7.743%
7	10.547	1449	1461	1471	rBV	1074626	1980199	6.87%	4.127%
8	11.082	1543	1552	1570	rBV	15897113	28815416	100.00%	60.060%
9	11.847	1674	1682	1694	rBV	952779	1738436	6.03%	3.623%
10	12.829	1842	1849	1864	rBV	740691	1342849	4.66%	2.799%
11	13.223	1898	1916	1924	rBV4	73889	381221	1.32%	0.795%
12	13.588	1959	1978	1979	rBV4	142950	482046	1.67%	1.005%
13	13.770	2002	2009	2020	rBV	965893	1711496	5.94%	3.567%
14	13.941	2023	2038	2050	rVV5	292031	1297426	4.50%	2.704%
15	14.494	2123	2132	2146	rVB3	106285	367944	1.28%	0.767%

Sum of corrected areas: 47978023

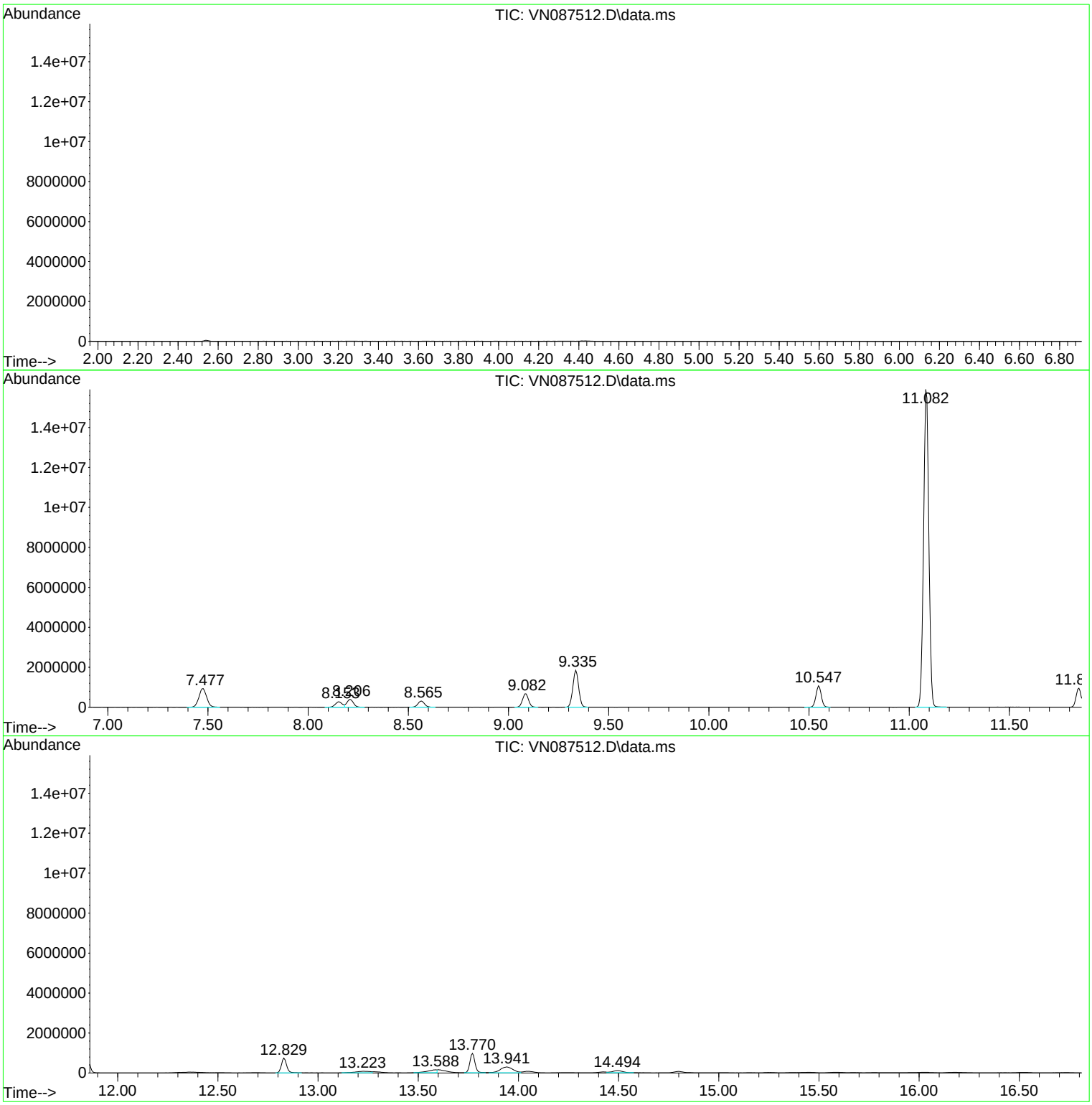
Sample Results: **VN087512.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

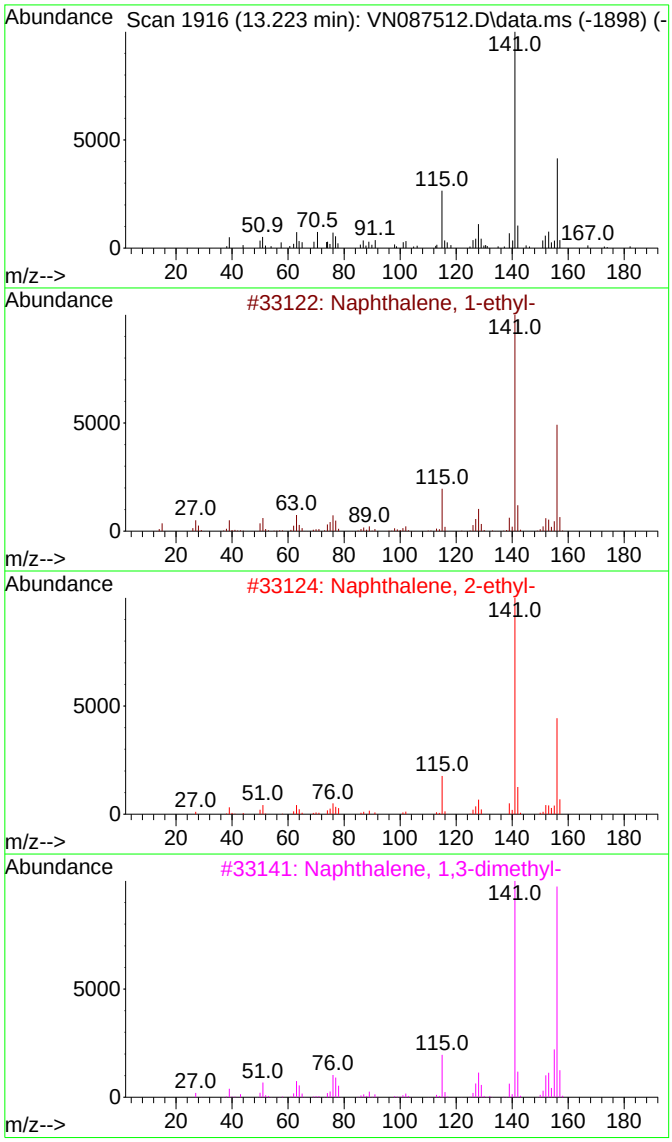
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

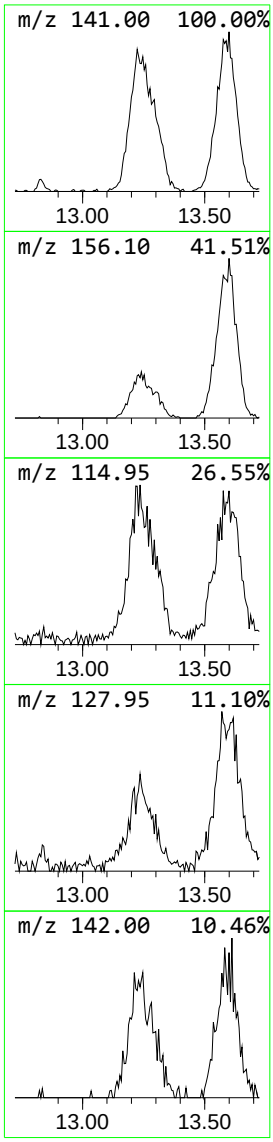
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.223	11.14 ug/l	381221	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

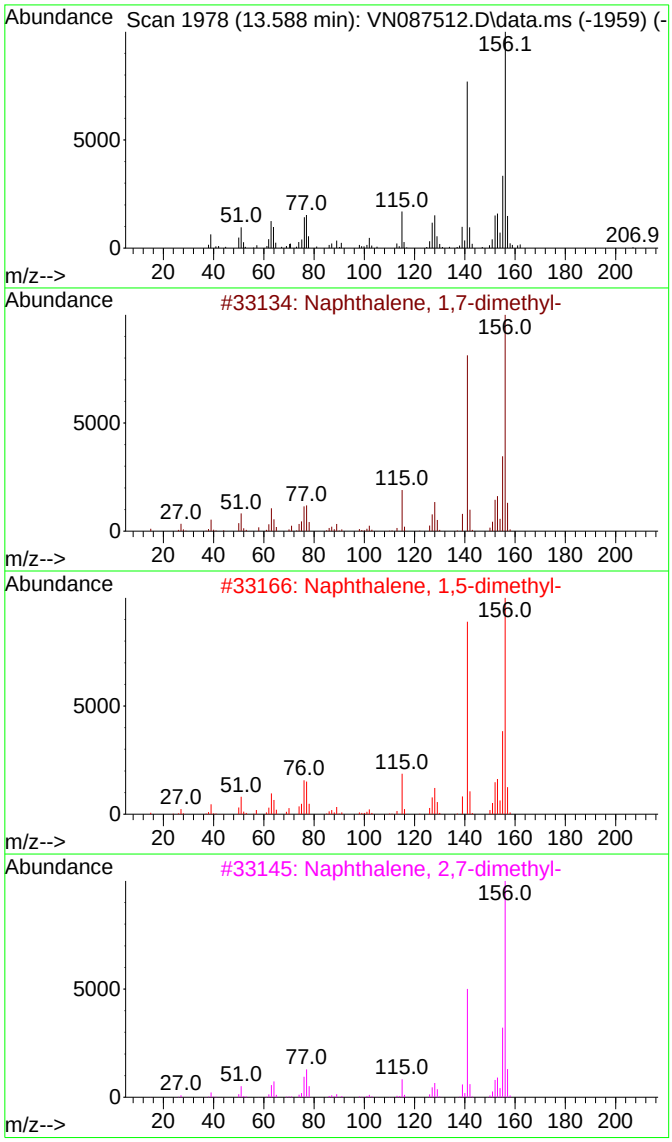
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

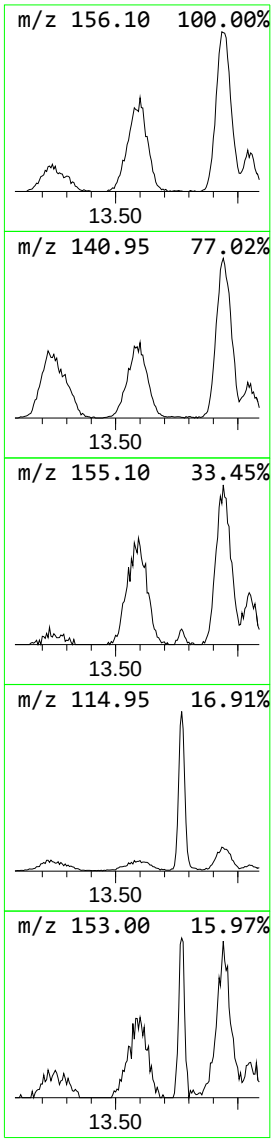
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Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.588	14.08 ug/l	482046	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

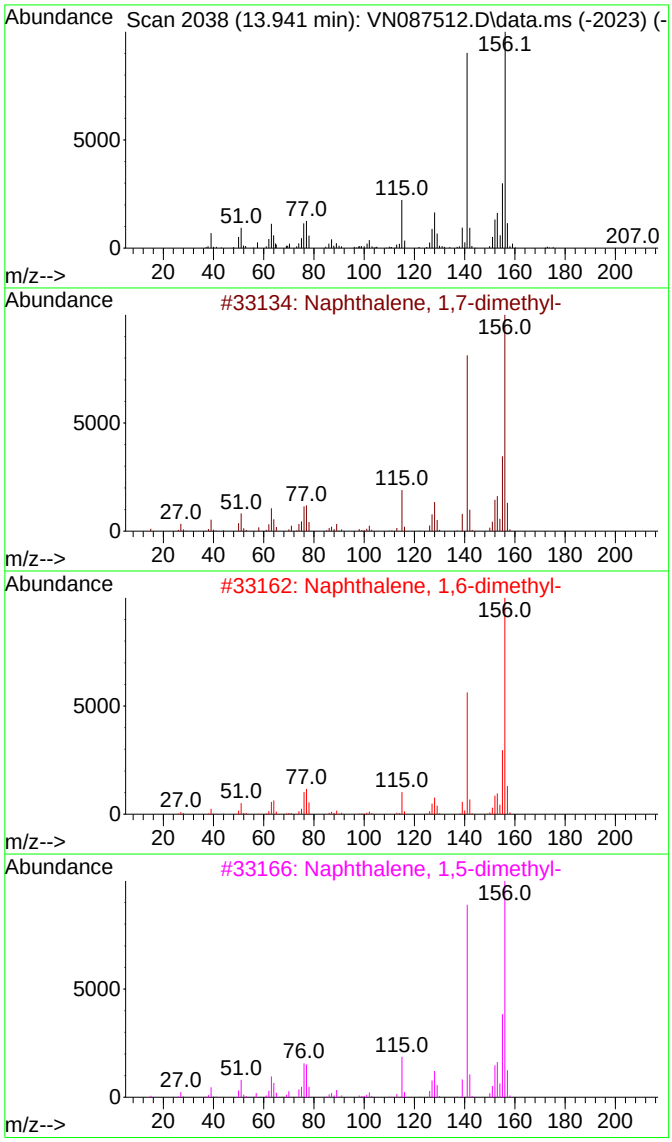
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

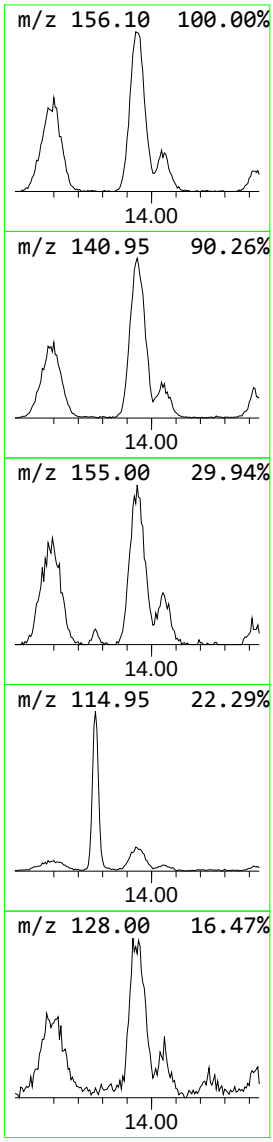
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.941	37.90 ug/l	1297430	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

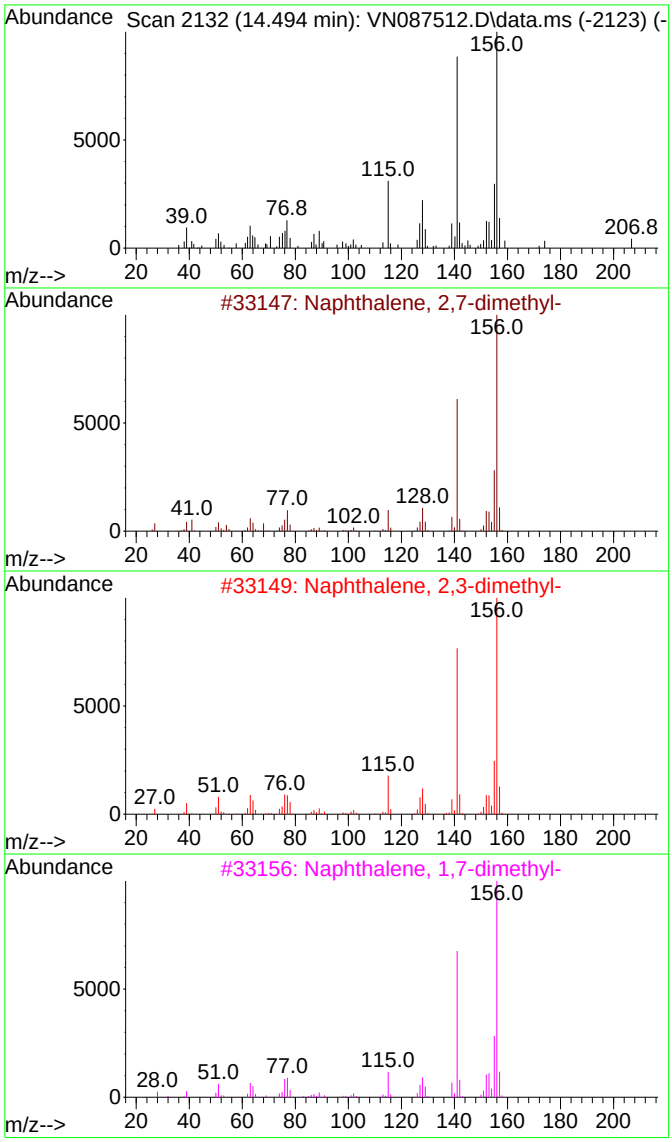
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TIC Integration Parameters: LSCINT.P

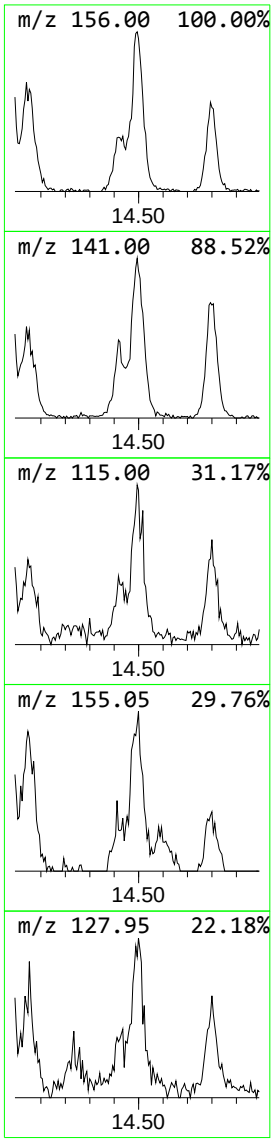
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Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	10.75 ug/l	367944	1,4-Dichlorobenzene-d4	13.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087512.D
Acq On : 12 Aug 2025 14:24
Operator : JC\MD
Sample : Q2816-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-...	13.223	11.1	ug/l	381221	4	13.770	1711500	50.0
Naphthalene, 1,...	13.588	14.1	ug/l	482046	4	13.770	1711500	50.0
Naphthalene, 1,...	13.941	37.9	ug/l	1297430	4	13.770	1711500	50.0
Naphthalene, 2,...	14.494	10.8	ug/l	367944	4	13.770	1711500	50.0

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087532.D	20	08/13/25 14:07	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.0	UDQ	4.40	20.0	ug/L
74-87-3	Chloromethane	20.0	UD	6.40	20.0	ug/L
75-01-4	Vinyl Chloride	20.0	UD	5.20	20.0	ug/L
74-83-9	Bromomethane	100	UD	28.8	100	ug/L
75-00-3	Chloroethane	20.0	UD	9.40	20.0	ug/L
75-69-4	Trichlorofluoromethane	20.0	UD	6.60	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0	UD	5.00	20.0	ug/L
75-35-4	1,1-Dichloroethene	20.0	UD	4.60	20.0	ug/L
67-64-1	Acetone	100	UD	30.2	100	ug/L
75-15-0	Carbon Disulfide	20.0	UD	4.20	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	20.0	UDQ	3.20	20.0	ug/L
79-20-9	Methyl Acetate	20.0	UD	5.40	20.0	ug/L
75-09-2	Methylene Chloride	20.0	UD	5.60	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	20.0	UD	4.60	20.0	ug/L
75-34-3	1,1-Dichloroethane	20.0	UD	4.60	20.0	ug/L
110-82-7	Cyclohexane	100	UD	29.0	100	ug/L
78-93-3	2-Butanone	100	UD	19.6	100	ug/L
56-23-5	Carbon Tetrachloride	20.0	UD	5.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	120	D	3.80	20.0	ug/L
74-97-5	Bromochloromethane	20.0	UDQ	4.40	20.0	ug/L
67-66-3	Chloroform	20.0	UD	5.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	4.00	20.0	ug/L
108-87-2	Methylcyclohexane	20.0	UD	3.20	20.0	ug/L
71-43-2	Benzene	20.0	UD	3.00	20.0	ug/L
107-06-2	1,2-Dichloroethane	20.0	UD	4.40	20.0	ug/L
79-01-6	Trichloroethene	120	D	1.90	20.0	ug/L
78-87-5	1,2-Dichloropropane	20.0	UD	4.00	20.0	ug/L
75-27-4	Bromodichloromethane	20.0	UD	4.40	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	100	UD	13.6	100	ug/L
108-88-3	Toluene	20.0	UD	2.80	20.0	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087532.D	20	08/13/25 14:07	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.0	UD	3.40	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.0	UD	3.20	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	20.0	UD	4.20	20.0	ug/L
591-78-6	2-Hexanone	100	UD	17.8	100	ug/L
124-48-1	Dibromochloromethane	20.0	UD	3.60	20.0	ug/L
106-93-4	1,2-Dibromoethane	20.0	UD	3.00	20.0	ug/L
127-18-4	Tetrachloroethene	650	D	4.60	20.0	ug/L
108-90-7	Chlorobenzene	20.0	UD	2.40	20.0	ug/L
100-41-4	Ethyl Benzene	20.0	UD	2.60	20.0	ug/L
179601-23-1	m/p-Xylenes	40.0	UD	4.80	40.0	ug/L
95-47-6	o-Xylene	20.0	UD	2.40	20.0	ug/L
100-42-5	Styrene	20.0	UD	3.00	20.0	ug/L
75-25-2	Bromoform	20.0	UD	3.80	20.0	ug/L
98-82-8	Isopropylbenzene	20.0	UD	2.40	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0	UD	5.20	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	20.0	UD	3.20	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	20.0	UD	3.80	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	20.0	UD	3.20	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0	UD	10.6	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.0	UD	4.00	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.0	UD	4.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.3	*	74 - 125	129%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	249000	8.212			
540-36-3	1,4-Difluorobenzene	550000	9.088			
3114-55-4	Chlorobenzene-d5	507000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	236000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1055-MW-01(23)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087532.D	20	08/13/25 14:07	VN081325

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\VN081325\
Data File : VN087532.D
Acq On : 13 Aug 2025 14:07
Operator : JC\MD
Sample : Q2816-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Quant Time: Aug 14 04:00:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

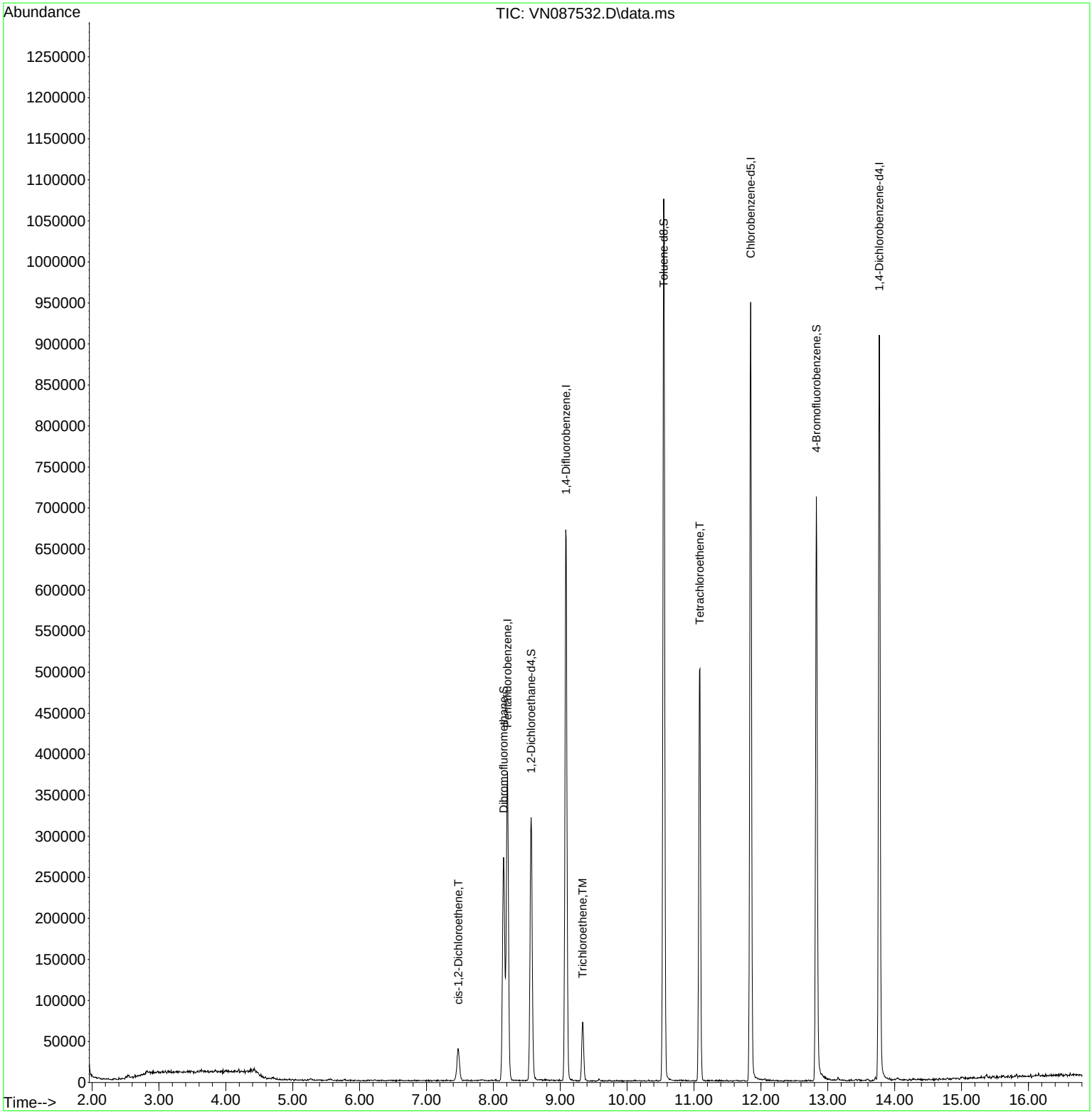
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	249299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	549507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	507445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	235933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	271979	64.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.600%#			
35) Dibromofluoromethane	8.153	113	192193	50.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	10.547	98	702828	51.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.829	95	258230	51.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.380%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.477	96	21638	5.856	ug/l	96
44) Trichloroethene	9.335	130	22821	5.967	ug/l	83
64) Tetrachloroethene	11.088	164	105782	32.389	ug/l	95

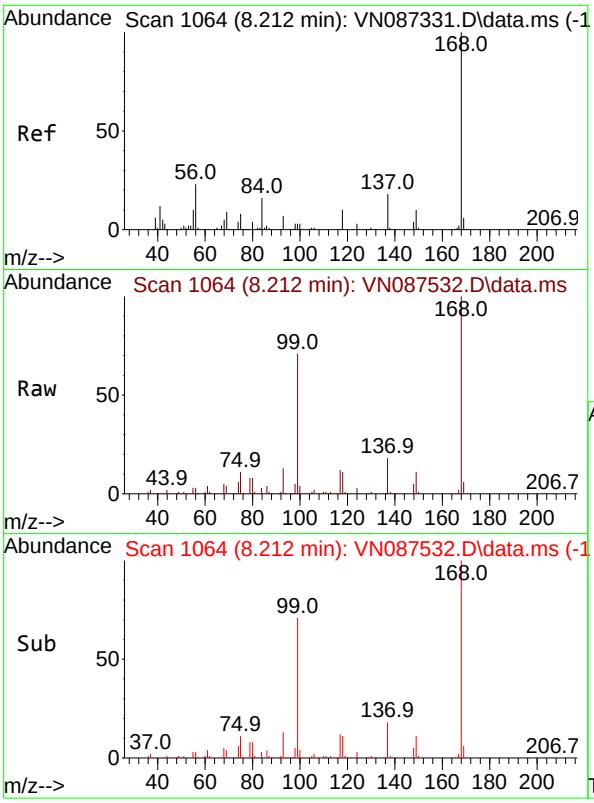
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087532.D
Acq On : 13 Aug 2025 14:07
Operator : JC\MD
Sample : Q2816-01DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Quant Time: Aug 14 04:00:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



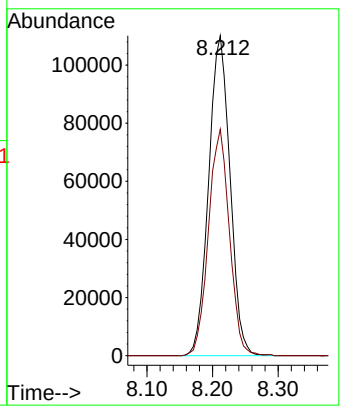


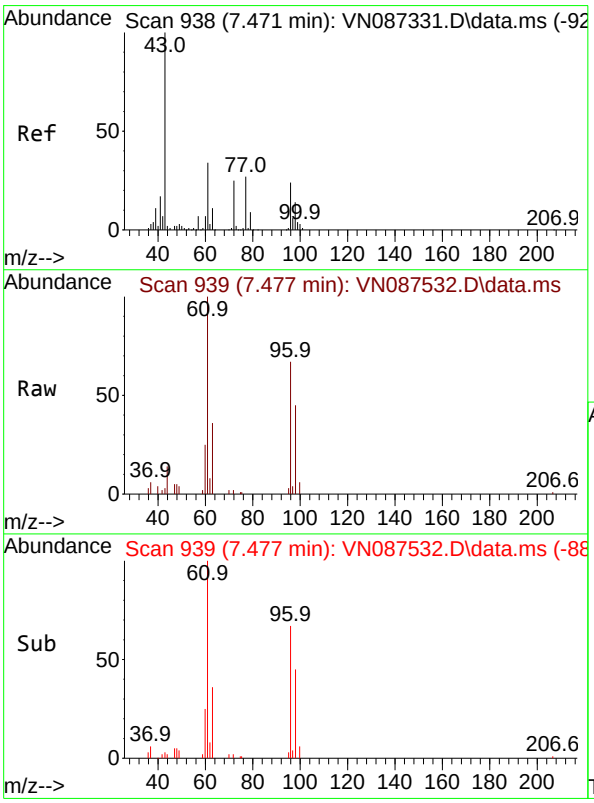
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion:168 Resp: 249299

Ion	Ratio	Lower	Upper
168	100		
99	70.7	47.9	71.9

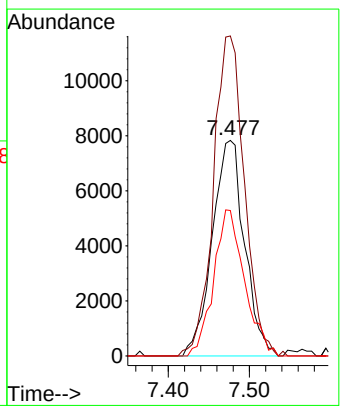


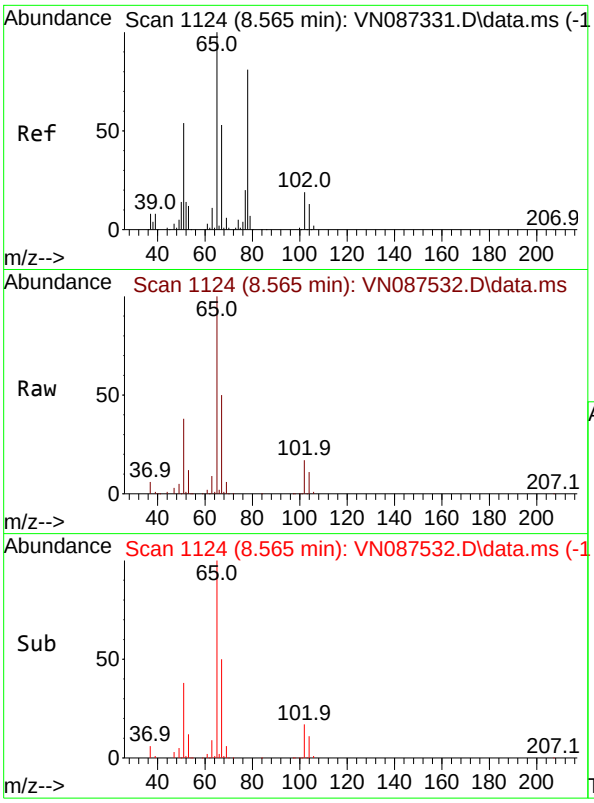


#27
cis-1,2-Dichloroethene
Concen: 5.856 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion: 96 Resp: 21638

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	297.8
98	64.8	0.0	132.4



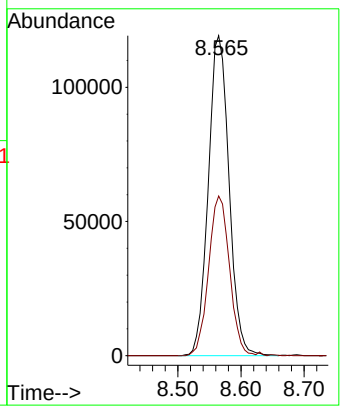


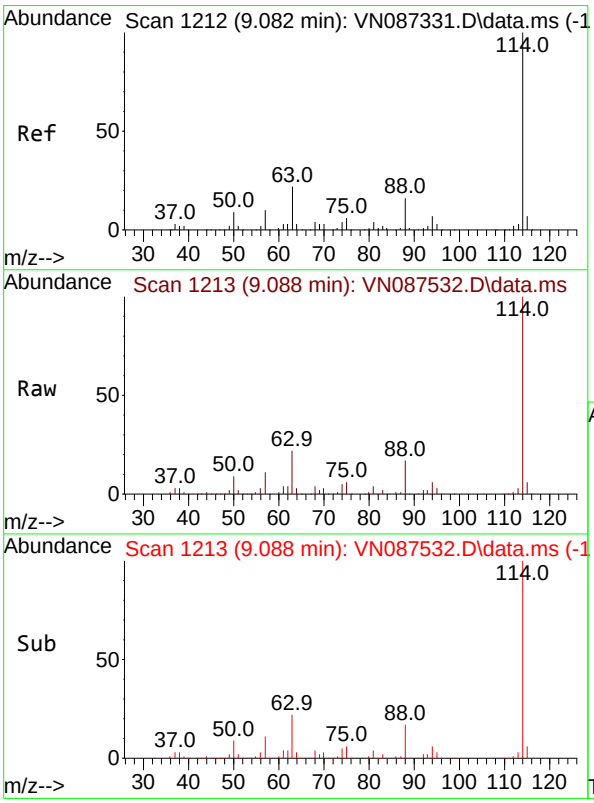
#33
1,2-Dichloroethane-d4
Concen: 64.297 ug/l
RT: 8.565 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion: 65 Resp: 271979

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.0

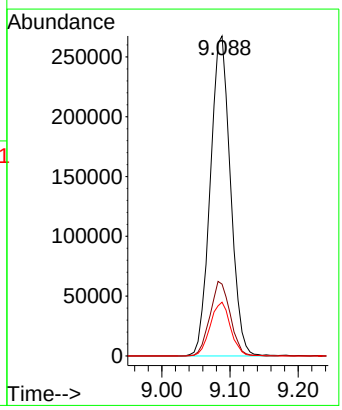


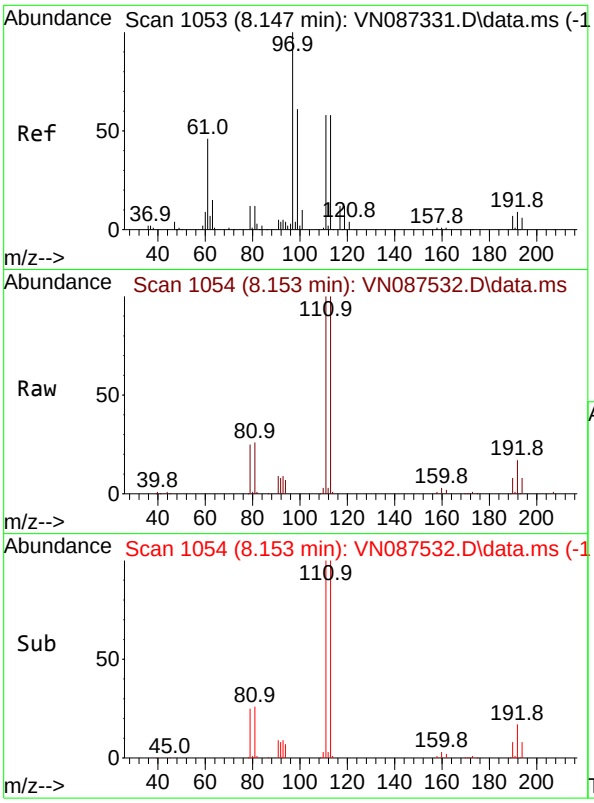


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion:114 Resp: 549507

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.6
88	16.8	0.0	32.8



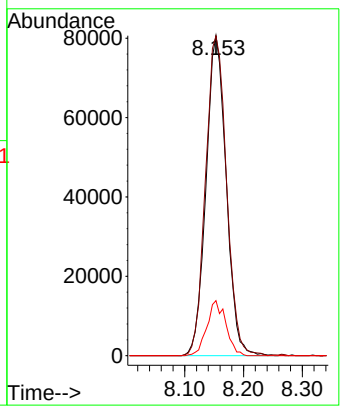


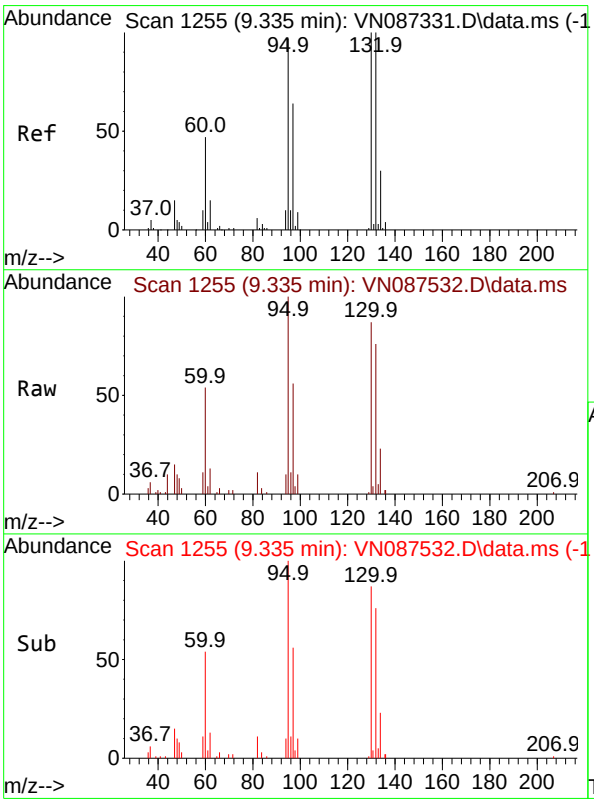
#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion:113 Resp: 192193

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.5	123.7
192	16.1	13.7	20.5

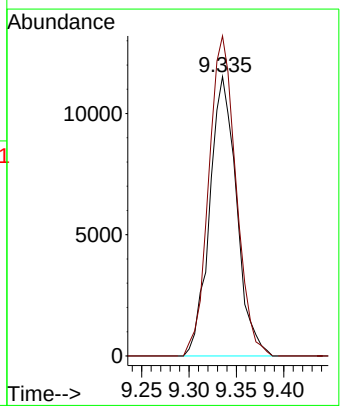


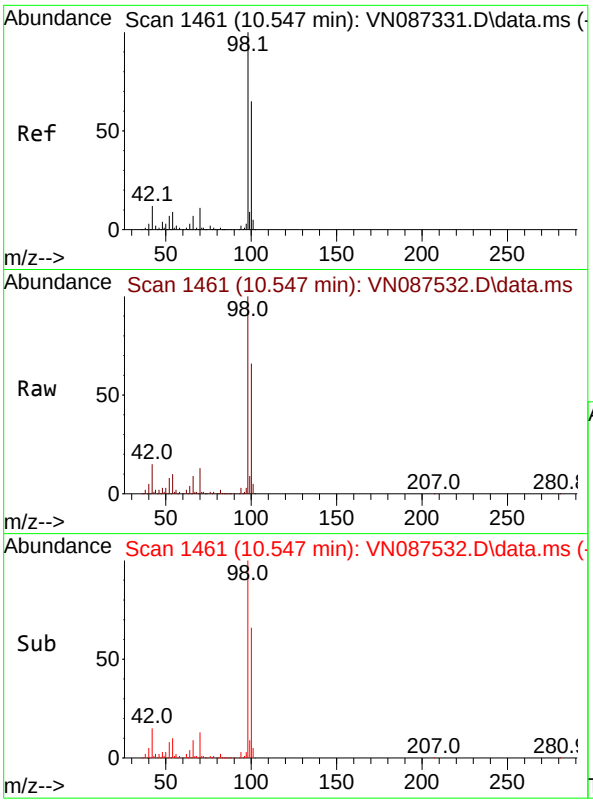


#44
Trichloroethene
Concen: 5.967 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion:130 Resp: 22821

Ion	Ratio	Lower	Upper
130	100		
95	114.5	0.0	195.2



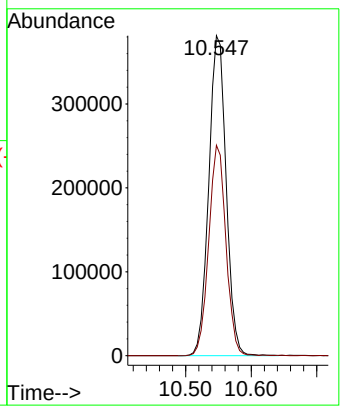


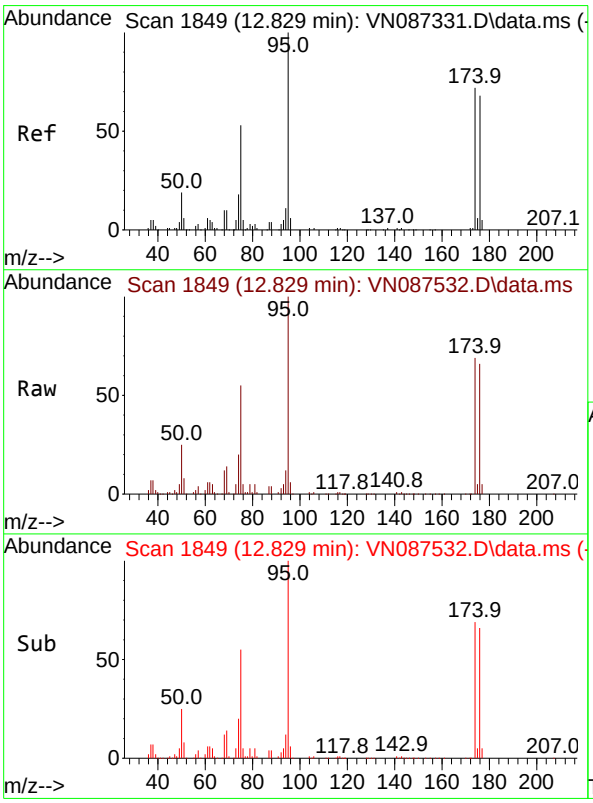
#50
Toluene-d8
Concen: 51.980 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion: 98 Resp: 702828

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1

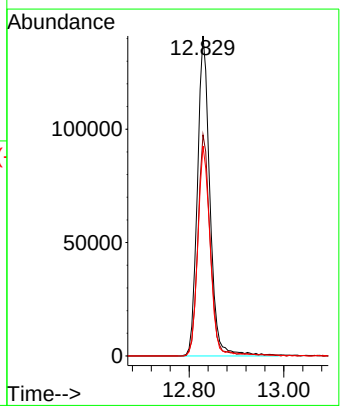


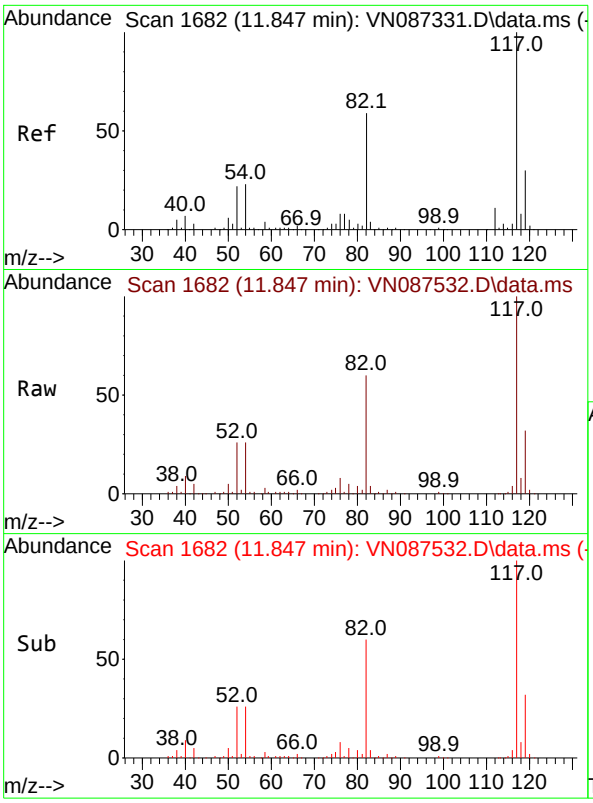


#62
4-Bromofluorobenzene
Concen: 51.693 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion: 95 Resp: 258230

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	149.4
176	65.2	0.0	141.2



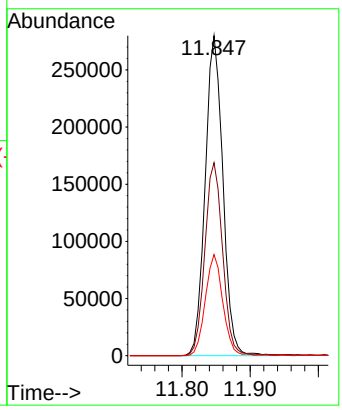


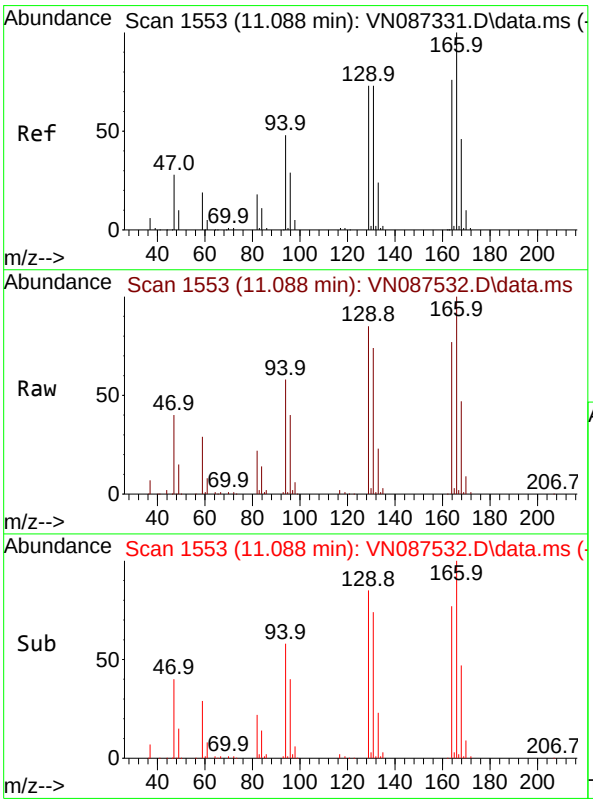
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion:117 Resp: 507445

Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	31.6	23.8	35.8

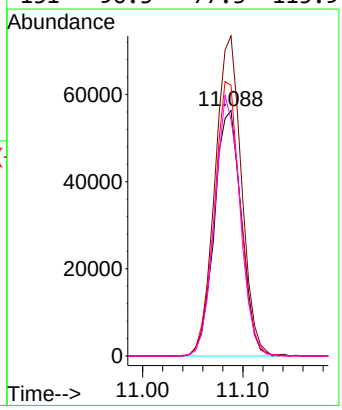


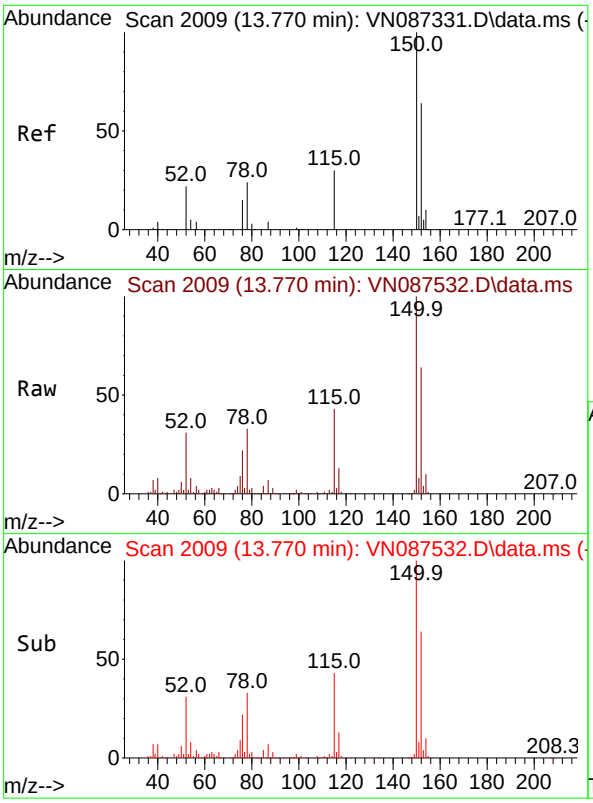


#64
Tetrachloroethene
Concen: 32.389 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Tgt Ion:164 Resp: 105782

Ion	Ratio	Lower	Upper
164	100		
166	130.4	105.5	158.3
129	110.2	77.4	116.2
131	96.3	77.3	115.9



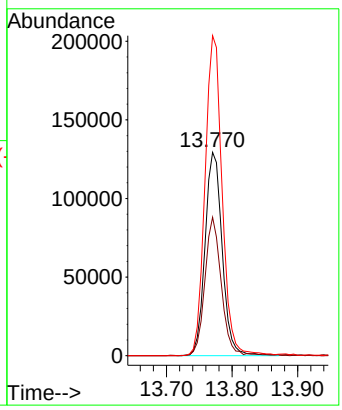


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087532.D
Acq: 13 Aug 2025 14:07

Instrument :
MSVOA_N
ClientSampleId :
1055-MW-01(23)DL

Tgt Ion:152 Resp: 235933

Ion	Ratio	Lower	Upper
152	100		
115	65.2	31.1	93.5
150	156.6	0.0	349.0



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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)	SDG No.:	Q2816
Lab Sample ID:	Q2816-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087520.D	1	08/12/25 17:19	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	2.50		0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	15.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.10		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	30.1		0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	26.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)	SDG No.:	Q2816
Lab Sample ID:	Q2816-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087520.D	1	08/12/25 17:19	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	54.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.4		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	239000	8.212			
540-36-3	1,4-Difluorobenzene	518000	9.083			
3114-55-4	Chlorobenzene-d5	474000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	221000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)	SDG No.:	Q2816
Lab Sample ID:	Q2816-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087520.D	1	08/12/25 17:19	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
109-99-9	Tetrahydrofuran	1.10	J		7.84	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Quant Time: Aug 13 03:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

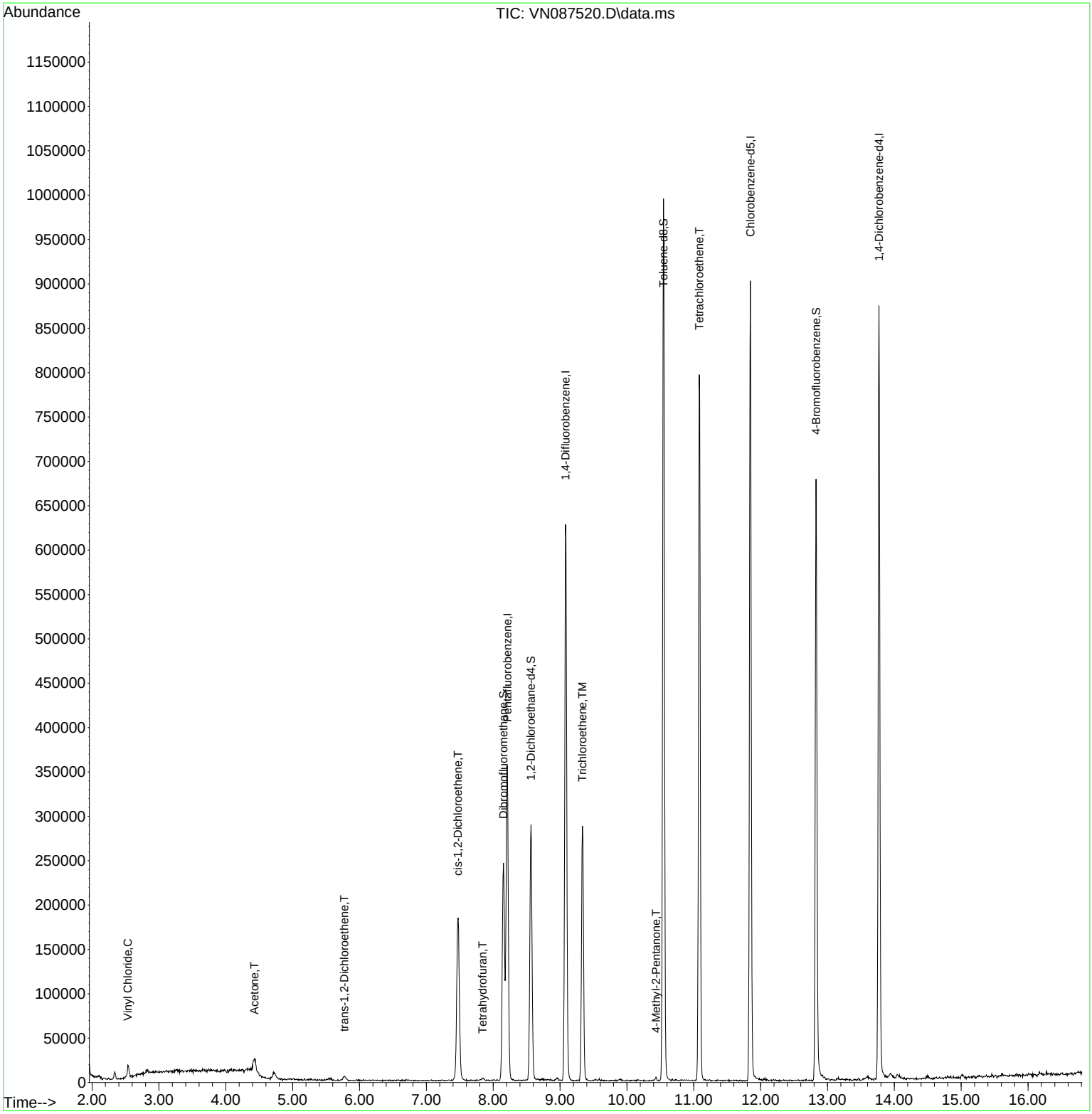
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.212	168	238630	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.083	114	517594	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	473697	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220538	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	244400	60.360	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.720%				
35) Dibromofluoromethane	8.153	113	176216	49.355	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%				
50) Toluene-d8	10.547	98	653820	51.337	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%				
62) 4-Bromofluorobenzene	12.829	95	239200	50.836	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.680%				
Target Compounds							Qvalue
4) Vinyl Chloride	2.536	62	7940	2.507	ug/l		92
16) Acetone	4.430	43	28412	14.966	ug/l	#	89
21) trans-1,2-Dichloroethene	5.771	96	3503	1.140	ug/l	#	80
27) cis-1,2-Dichloroethene	7.471	96	106477	30.105	ug/l		93
29) Tetrahydrofuran	7.841	42	2171	1.139	ug/l	#	72
44) Trichloroethene	9.335	130	95371	26.475	ug/l		87
51) 4-Methyl-2-Pentanone	10.435	43	2672	0.399	ug/l	#	85
64) Tetrachloroethene	11.082	164	164586	53.985	ug/l		93

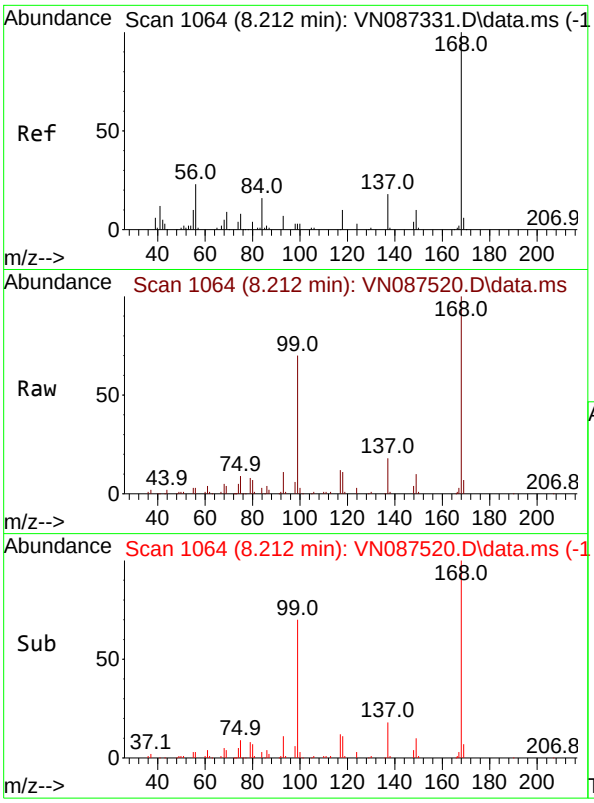
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Quant Time: Aug 13 03:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



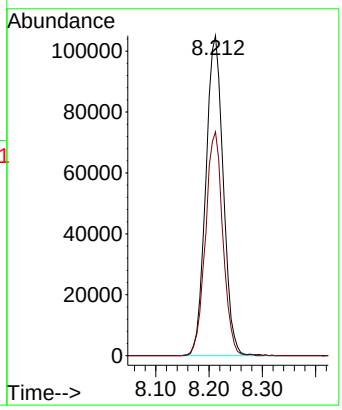


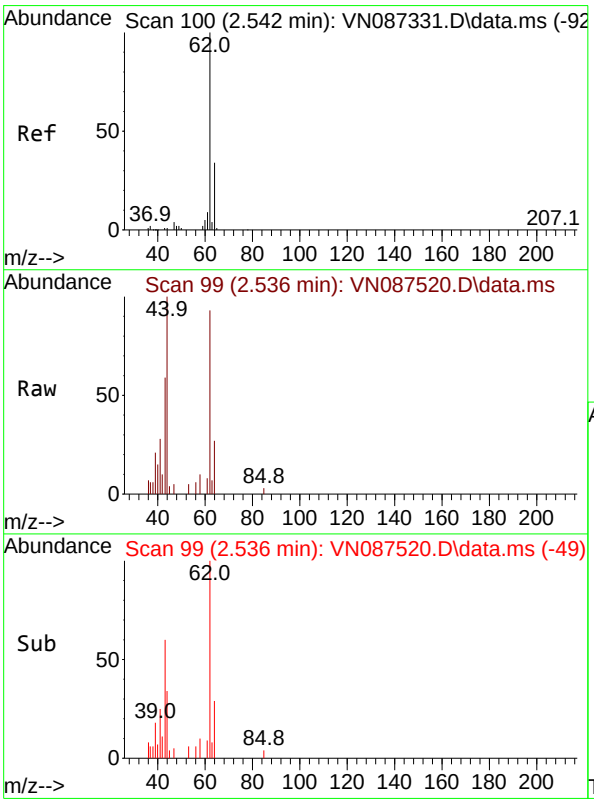
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion:168 Resp: 238630

Ion	Ratio	Lower	Upper
168	100		
99	70.0	47.9	71.9

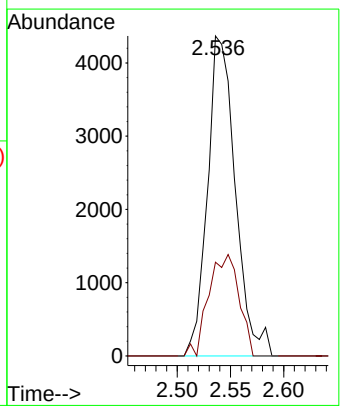


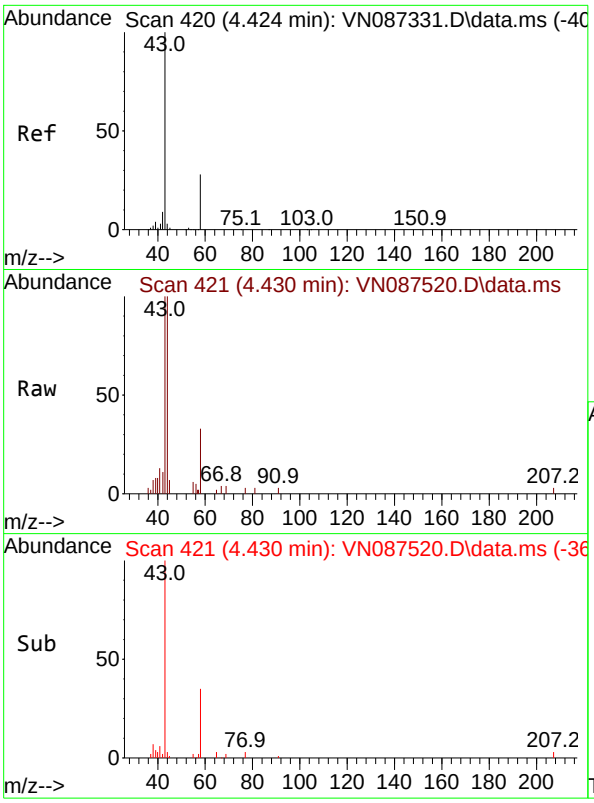


#4
Vinyl Chloride
Concen: 2.507 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 62 Resp: 7940

Ion	Ratio	Lower	Upper
62	100		
64	29.3	27.0	40.6



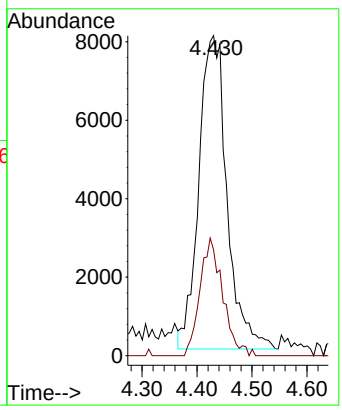


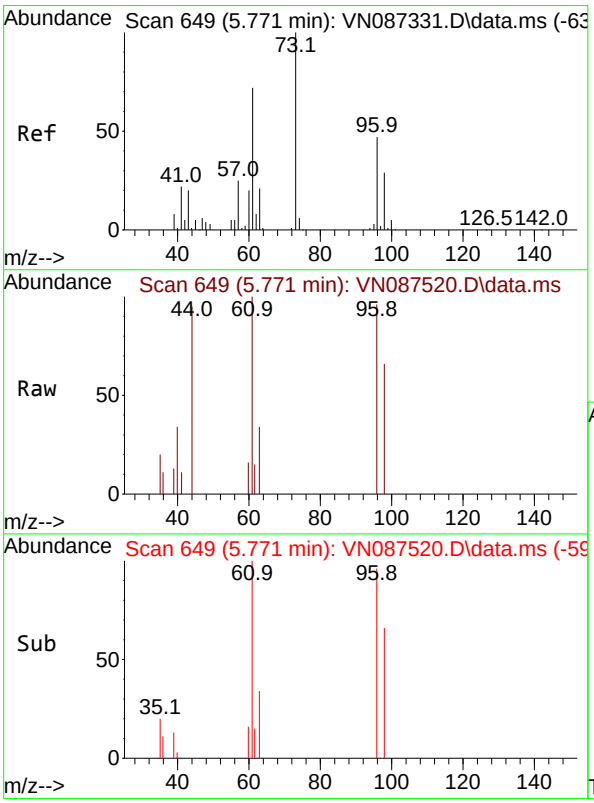
#16
Acetone
Concen: 14.966 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion: 43 Resp: 28412

Ion	Ratio	Lower	Upper
43	100		
58	33.8	22.3	33.5#

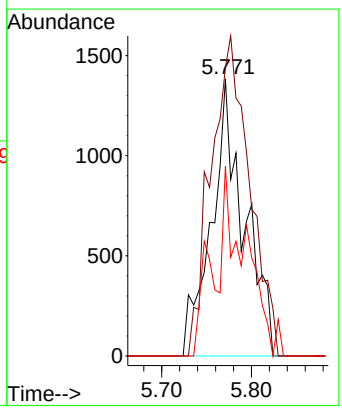


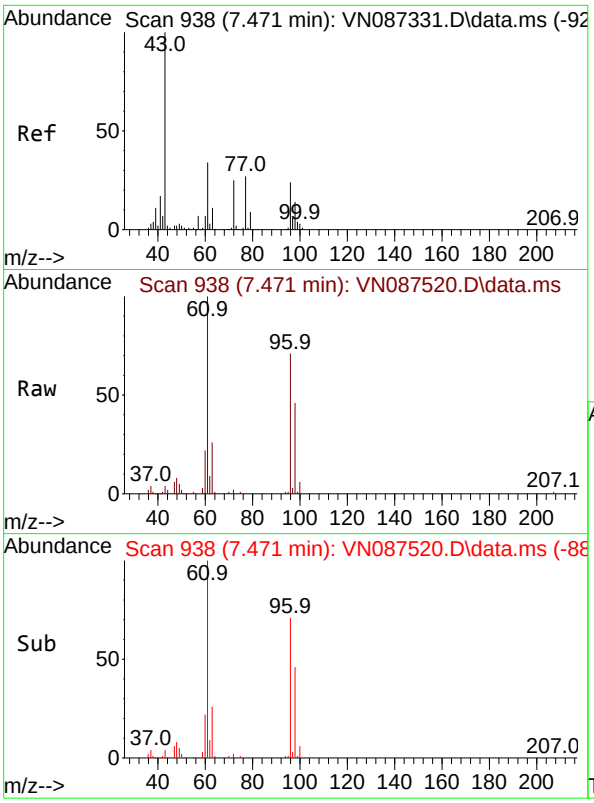


#21
trans-1,2-Dichloroethene
Concen: 1.140 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 96 Resp: 3503

Ion	Ratio	Lower	Upper
96	100		
61	119.9	122.0	183.0#
98	68.5	50.0	75.0



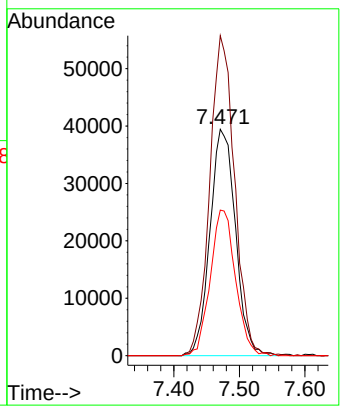


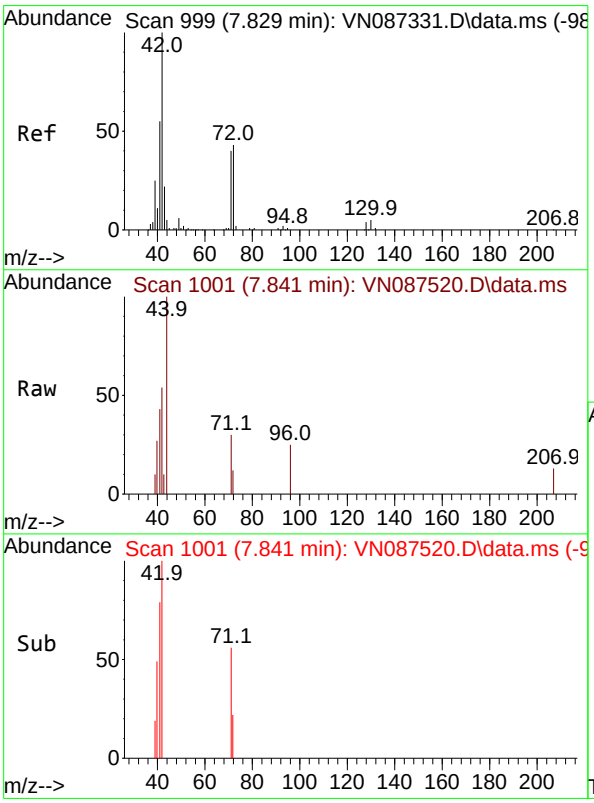
#27
cis-1,2-Dichloroethene
Concen: 30.105 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion: 96 Resp: 106477

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	297.8
98	63.7	0.0	132.4

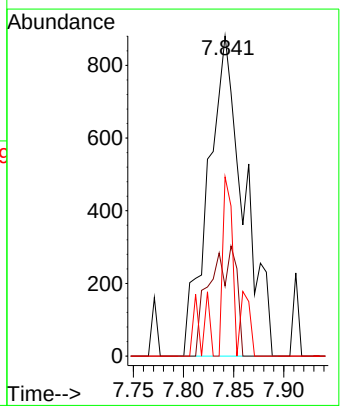


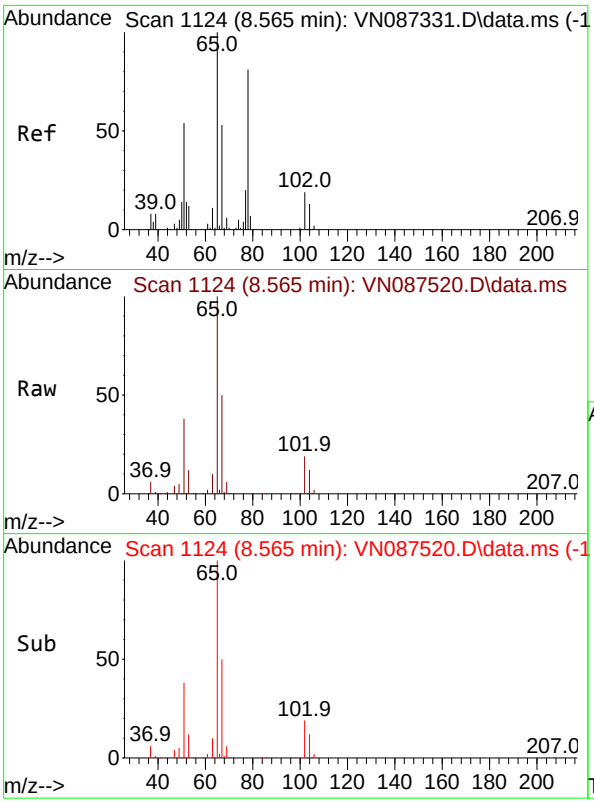


#29
Tetrahydrofuran
Concen: 1.139 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 42 Resp: 2171

Ion	Ratio	Lower	Upper
42	100		
72	26.1	33.4	50.0#
71	20.0	31.2	46.8#



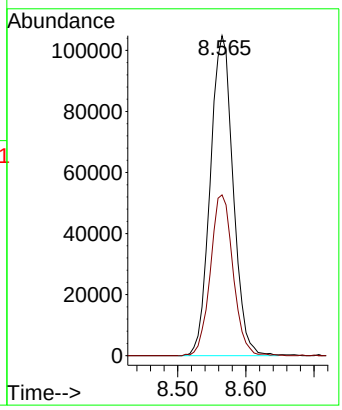


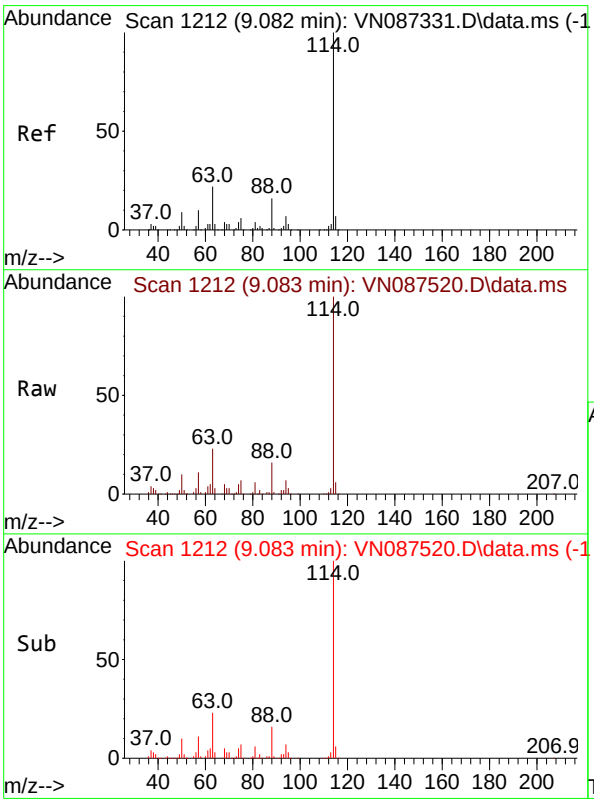
#33
1,2-Dichloroethane-d4
Concen: 60.360 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion: 65 Resp: 244400

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	104.0

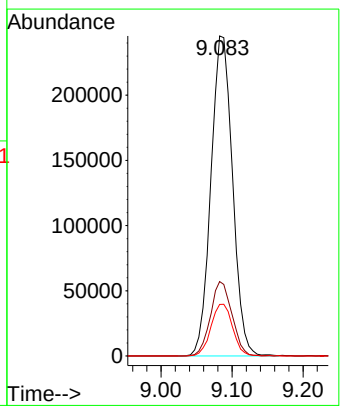


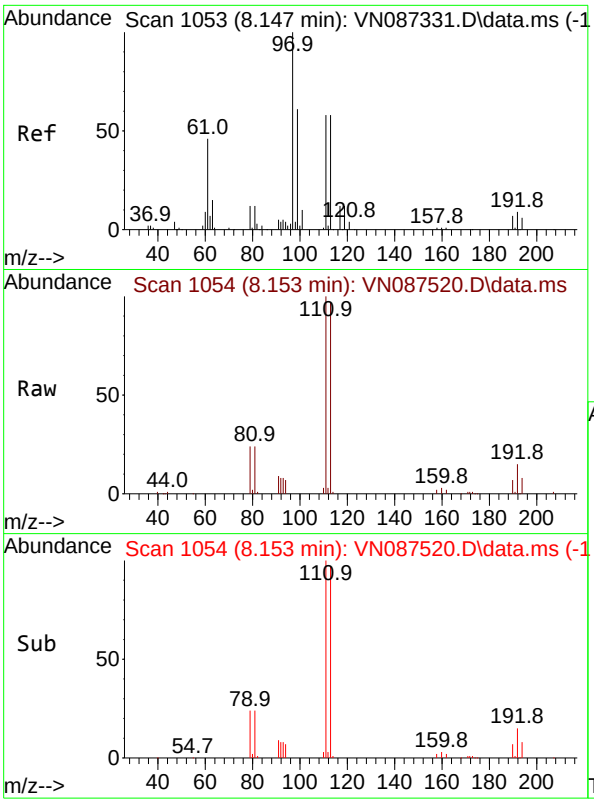


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion:114 Resp: 517594

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.6
88	16.1	0.0	32.8



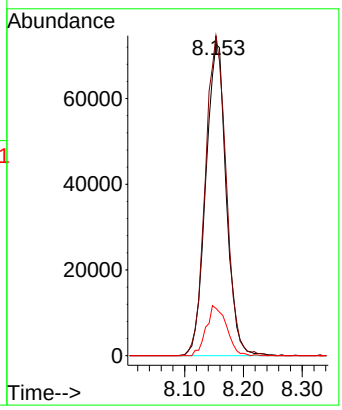


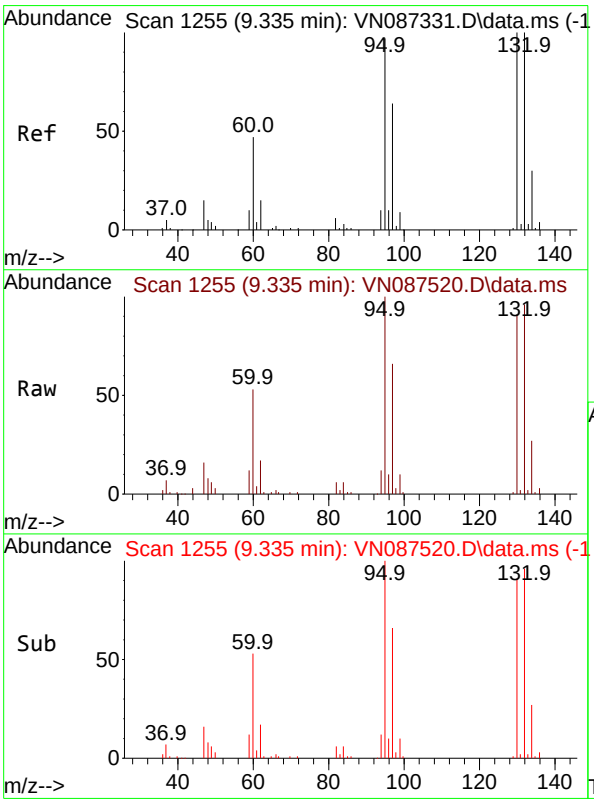
#35
Dibromofluoromethane
Concen: 49.355 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion:113 Resp: 176216

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.5	123.7
192	15.9	13.7	20.5

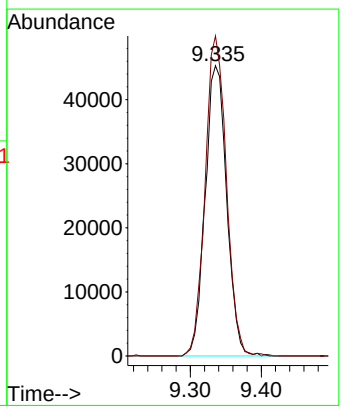


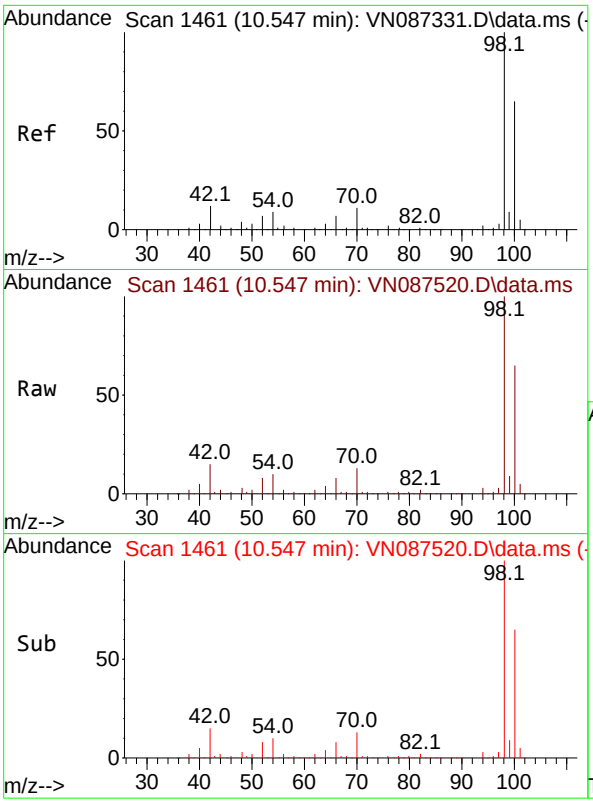


#44
Trichloroethene
Concen: 26.475 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion:130 Resp: 95371

Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	195.2



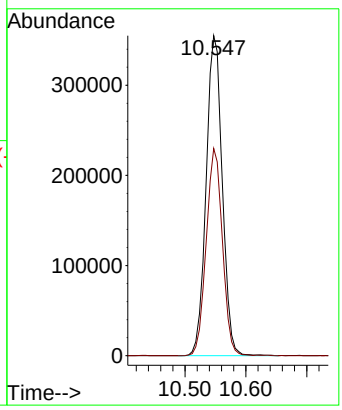


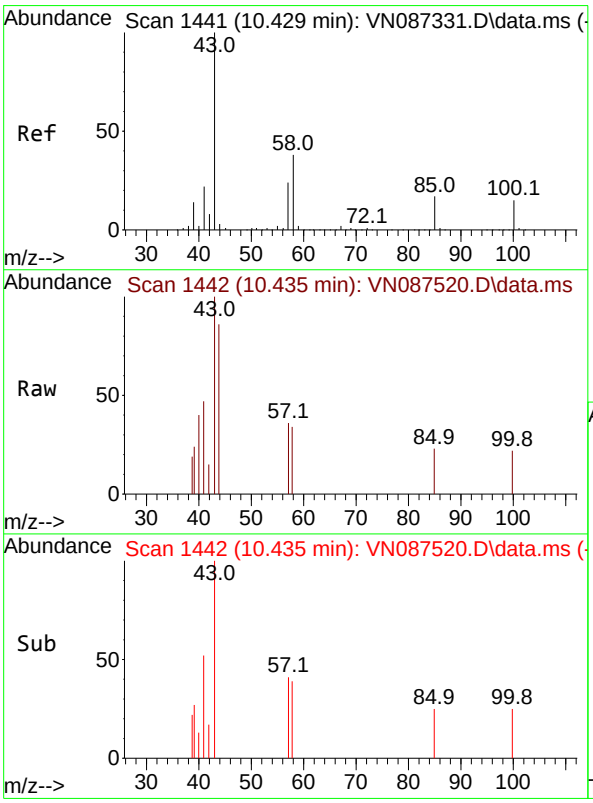
#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion: 98 Resp: 653820

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1

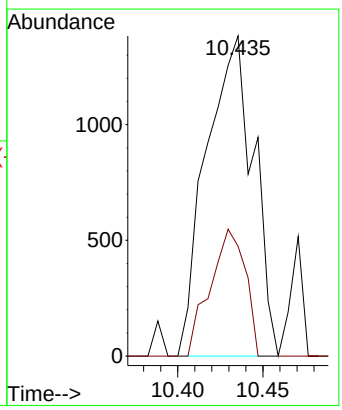


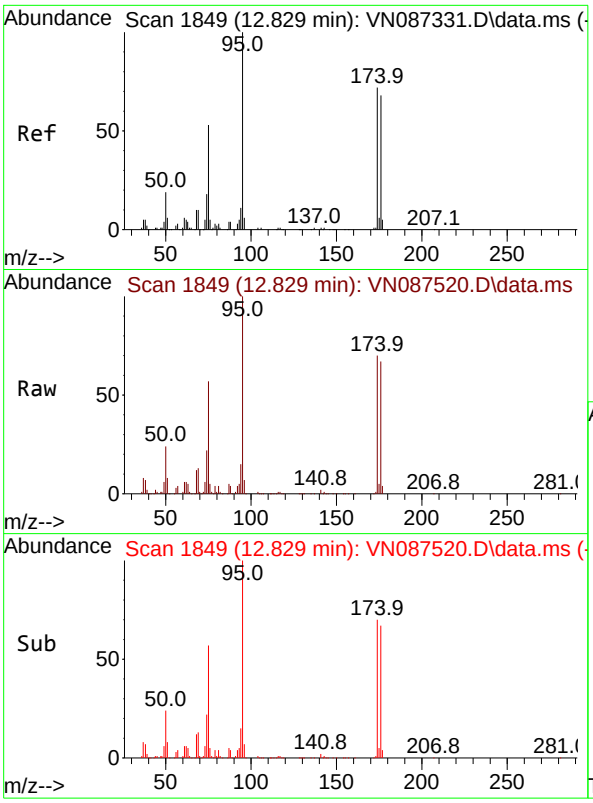


#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion: 43 Resp: 2672

Ion	Ratio	Lower	Upper
43	100		
58	29.6	30.8	46.2#



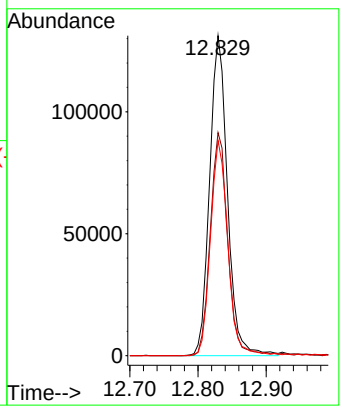


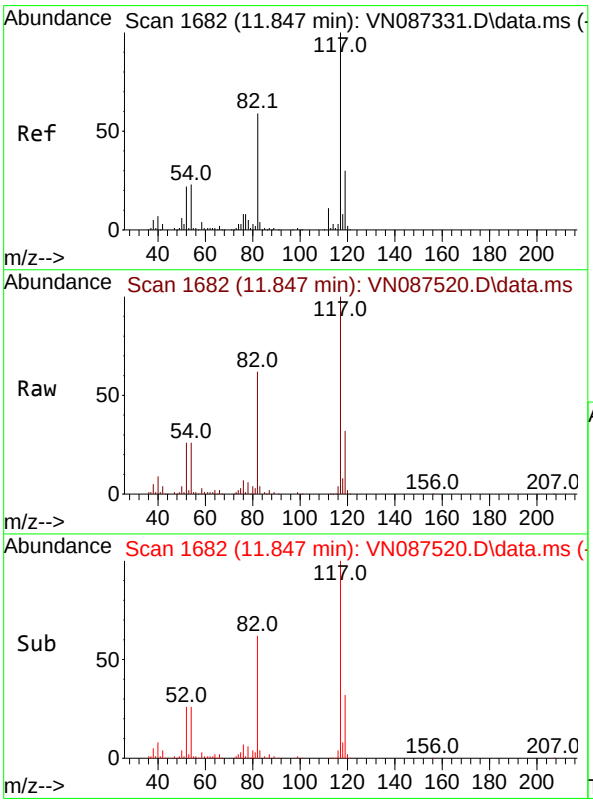
#62
4-Bromofluorobenzene
Concen: 50.836 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion: 95 Resp: 239200

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	149.4
176	65.2	0.0	141.2

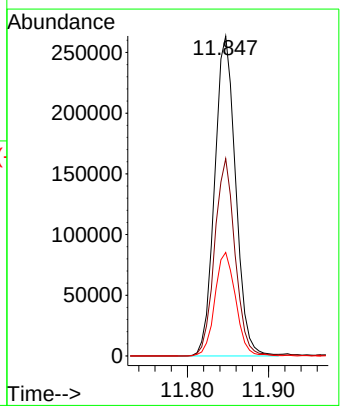


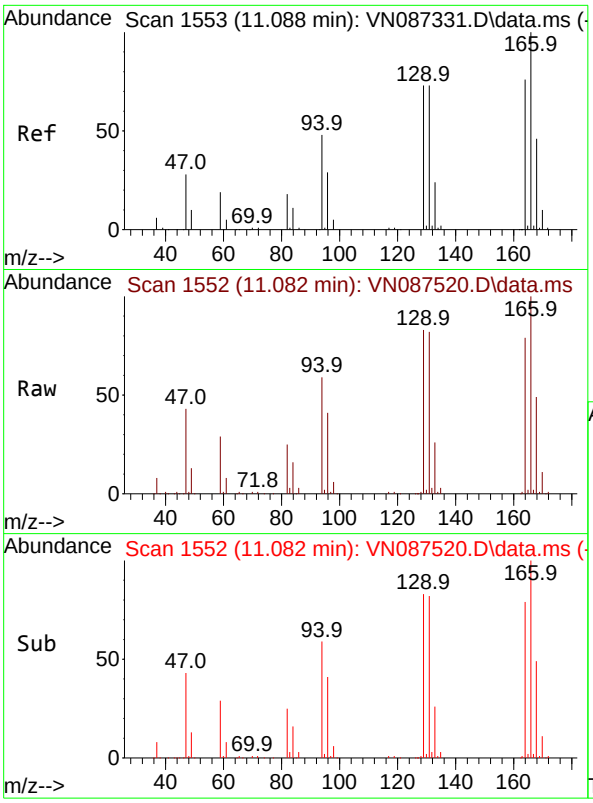


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion:117 Resp: 473697

Ion	Ratio	Lower	Upper
117	100		
82	61.7	47.4	71.2
119	32.4	23.8	35.8



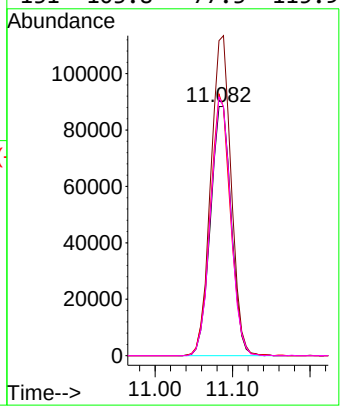


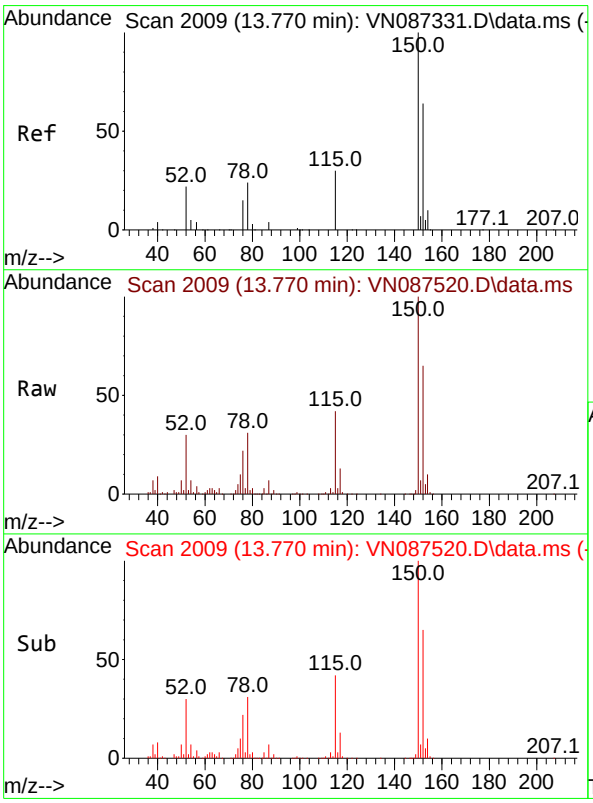
#64
Tetrachloroethene
Concen: 53.985 ug/l
RT: 11.082 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Tgt Ion:164 Resp: 164586

Ion	Ratio	Lower	Upper
164	100		
166	126.4	105.5	158.3
129	104.9	77.4	116.2
131	103.8	77.3	115.9

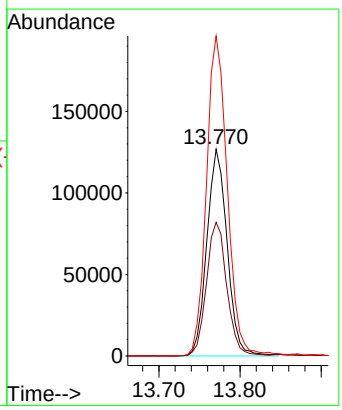




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087520.D
Acq: 12 Aug 2025 17:19

Tgt Ion:152 Resp: 220538

Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.1	93.5
150	158.8	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.536	94	99	105	rVB4	13128	22570	1.22%	0.184%
2	4.430	413	421	428	rVB2	15009	44106	2.39%	0.360%
3	7.477	926	939	955	rBV2	183000	507294	27.47%	4.137%
4	8.153	1043	1054	1058	rBV2	245300	581076	31.46%	4.739%
5	8.212	1058	1064	1077	rVB	353923	834674	45.19%	6.807%
6	8.565	1115	1124	1133	rBV	287187	656655	35.55%	5.355%
7	9.083	1203	1212	1225	rBV	626748	1317566	71.34%	10.745%
8	9.335	1247	1255	1270	rBV	287398	604678	32.74%	4.931%
9	10.547	1450	1461	1477	rBV	994081	1846931	100.00%	15.062%
10	11.082	1544	1552	1564	rBV	795356	1462386	79.18%	11.926%
11	11.847	1674	1682	1696	rBV	901781	1625166	87.99%	13.254%
12	12.829	1840	1849	1862	rBV	678366	1219648	66.04%	9.947%
13	13.770	2001	2009	2024	rBV	872325	1539242	83.34%	12.553%

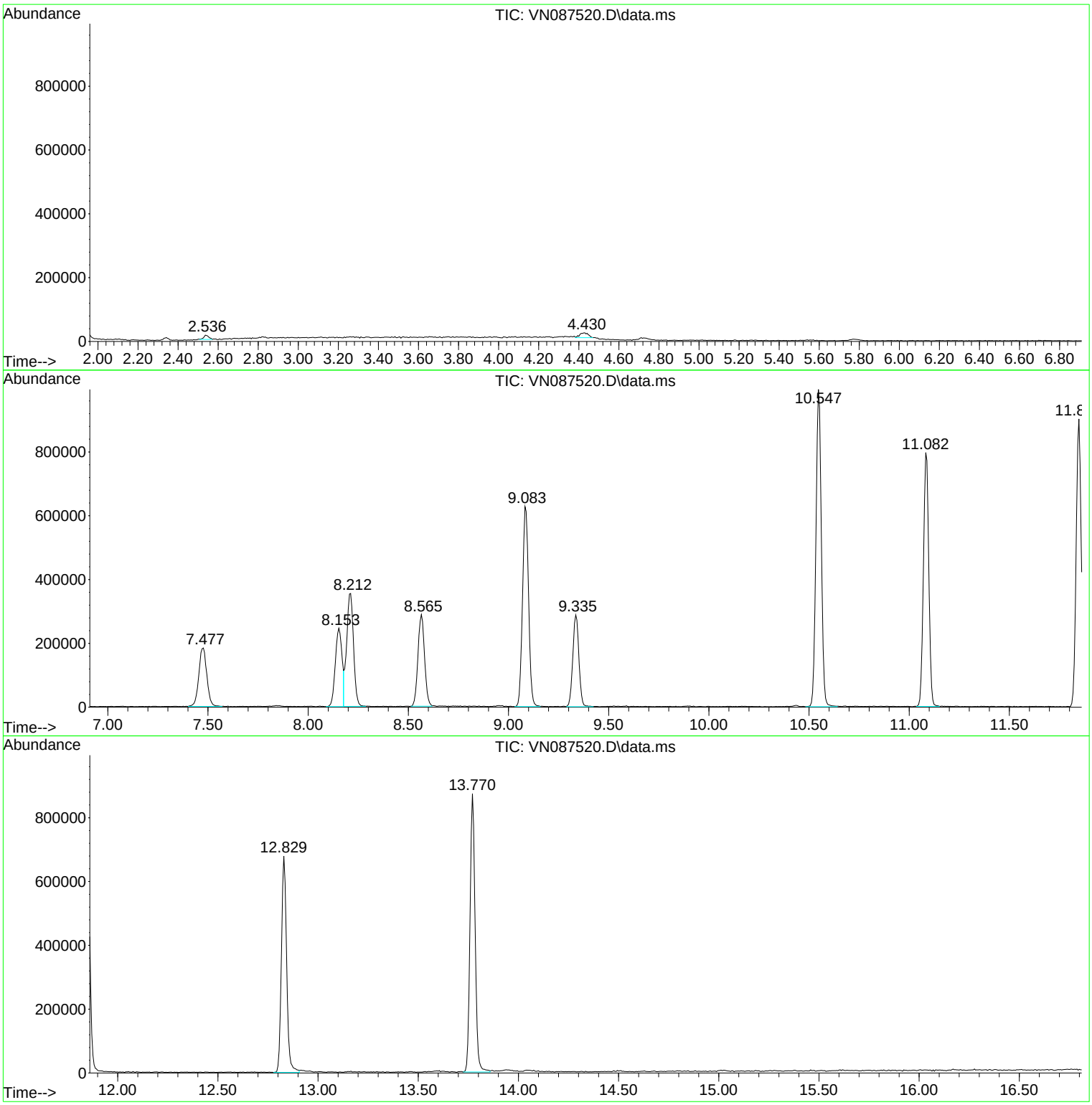
Sum of corrected areas: 12261992

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087520.D
Acq On : 12 Aug 2025 17:19
Operator : JC\MD
Sample : Q2816-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)	SDG No.:	Q2816
Lab Sample ID:	Q2816-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087513.D	1	08/12/25 14:46	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	13.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.90		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	70.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	120		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)	SDG No.:	Q2816
Lab Sample ID:	Q2816-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087513.D	1	08/12/25 14:46	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	160	E	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.6		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	51.4		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	249000	8.206			
540-36-3	1,4-Difluorobenzene	554000	9.083			
3114-55-4	Chlorobenzene-d5	513000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	234000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)	SDG No.:	Q2816
Lab Sample ID:	Q2816-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087513.D	1	08/12/25 14:46	VN081225

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\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Quant Time: Aug 13 03:05:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

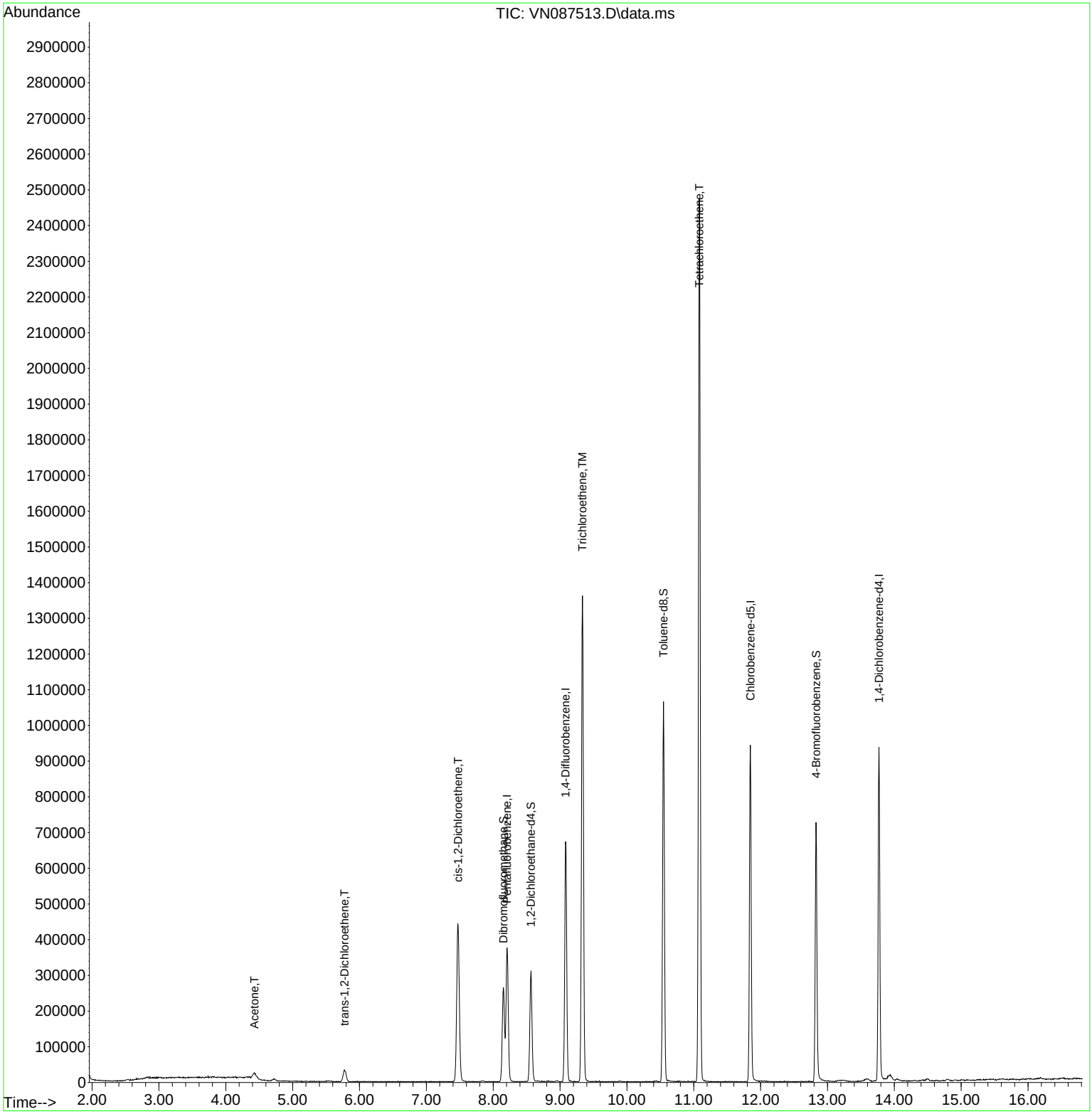
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	248546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	554436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	512804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	255488	60.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.160%			
35) Dibromofluoromethane	8.153	113	187535	49.035	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.080%			
50) Toluene-d8	10.547	98	700794	51.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.829	95	261737	51.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.860%			
Target Compounds						Qvalue
16) Acetone	4.430	43	26946	13.627	ug/l #	87
21) trans-1,2-Dichloroethene	5.777	96	18909	5.910	ug/l	96
27) cis-1,2-Dichloroethene	7.477	96	259520	70.448	ug/l	93
44) Trichloroethene	9.335	130	450946	116.863	ug/l	88
64) Tetrachloroethene	11.082	164	515186	156.096	ug/l	95

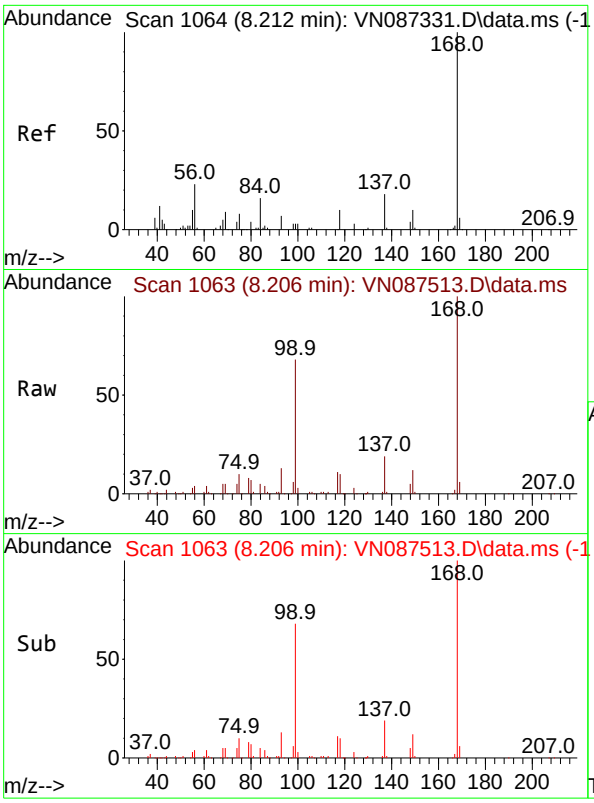
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Quant Time: Aug 13 03:05:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



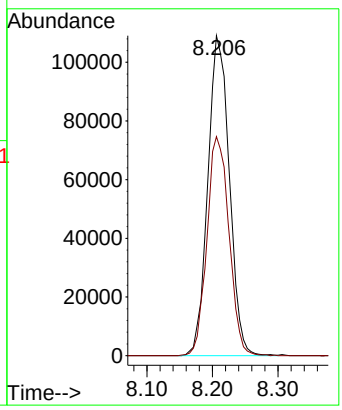


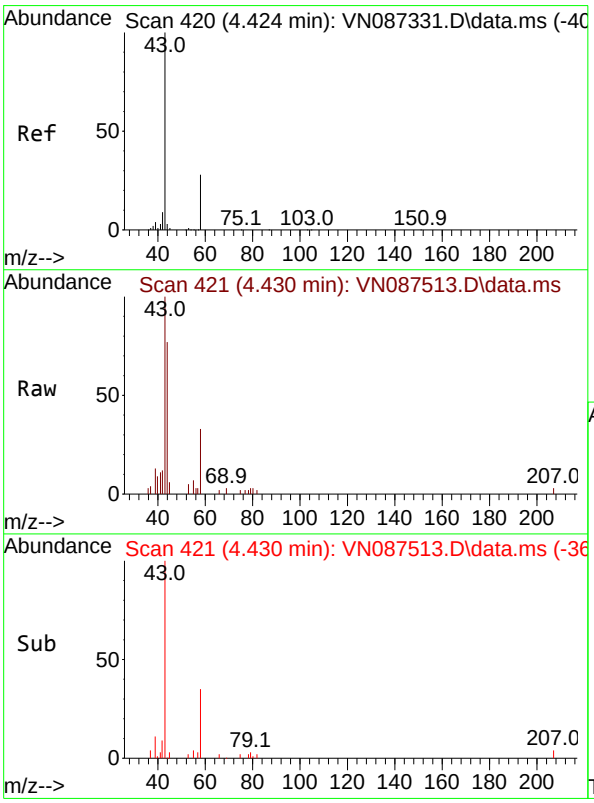
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion:168 Resp: 248546

Ion	Ratio	Lower	Upper
168	100		
99	68.4	47.9	71.9

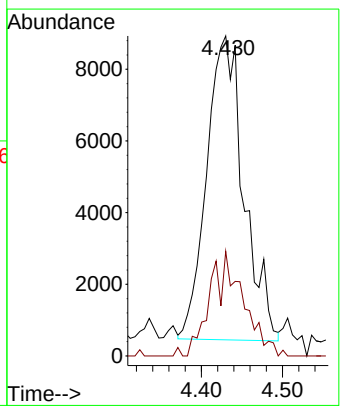


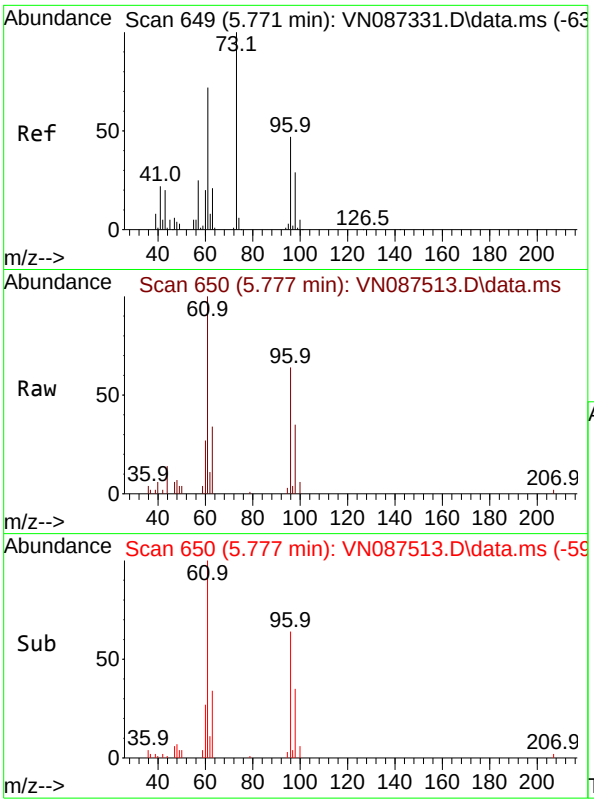


#16
Acetone
Concen: 13.627 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion: 43 Resp: 26946

Ion	Ratio	Lower	Upper
43	100		
58	34.9	22.3	33.5#



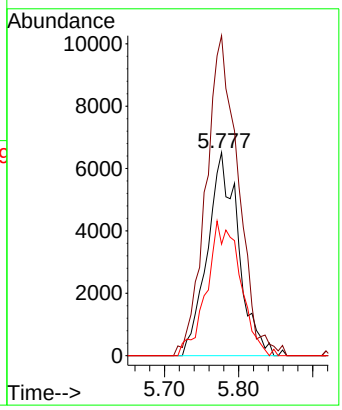


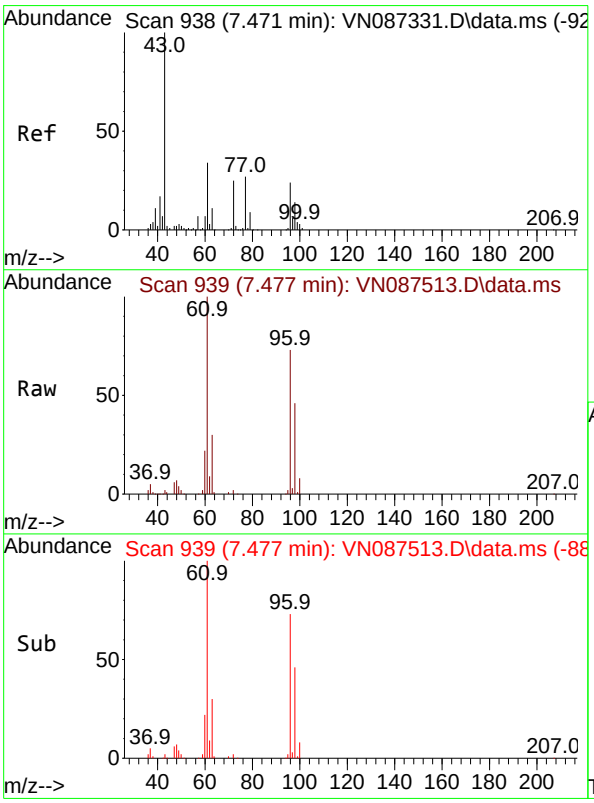
#21
trans-1,2-Dichloroethene
Concen: 5.910 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion: 96 Resp: 18909

Ion	Ratio	Lower	Upper
96	100		
61	155.0	122.0	183.0
98	54.9	50.0	75.0

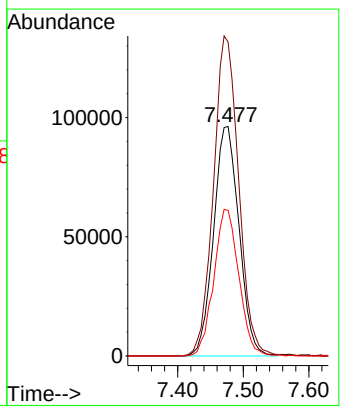


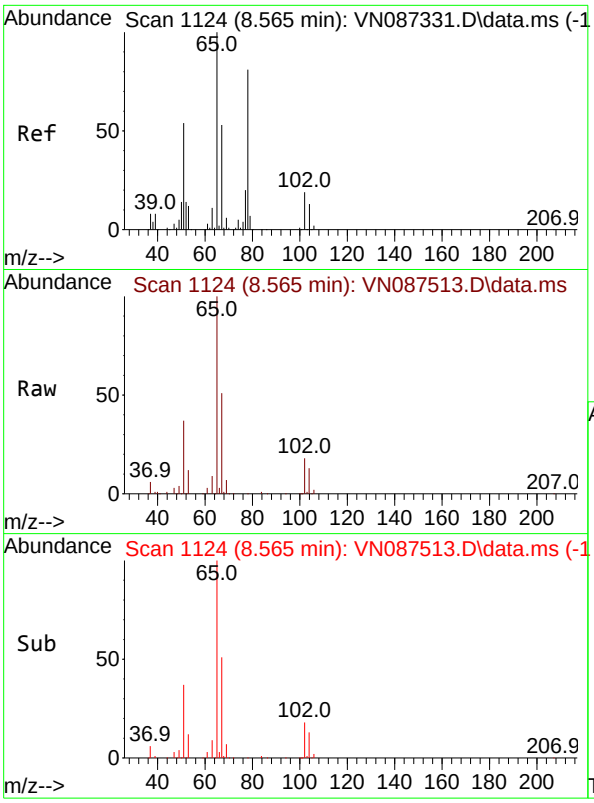


#27
cis-1,2-Dichloroethene
Concen: 70.448 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion: 96 Resp: 259520

Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	297.8
98	62.8	0.0	132.4



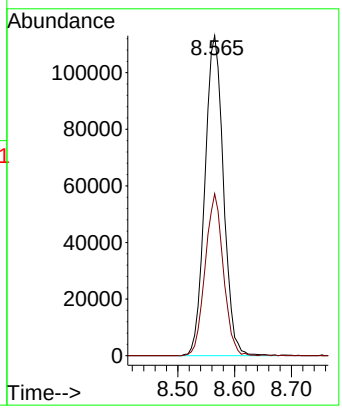


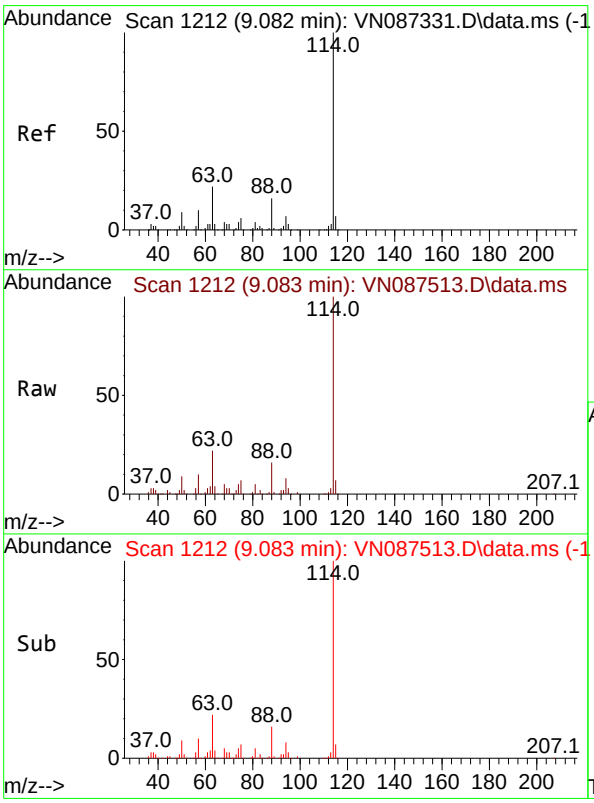
#33
1,2-Dichloroethane-d4
Concen: 60.581 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion: 65 Resp: 255488

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	104.0

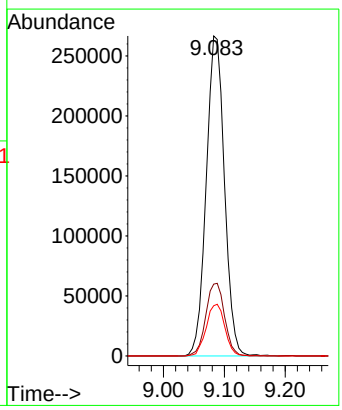


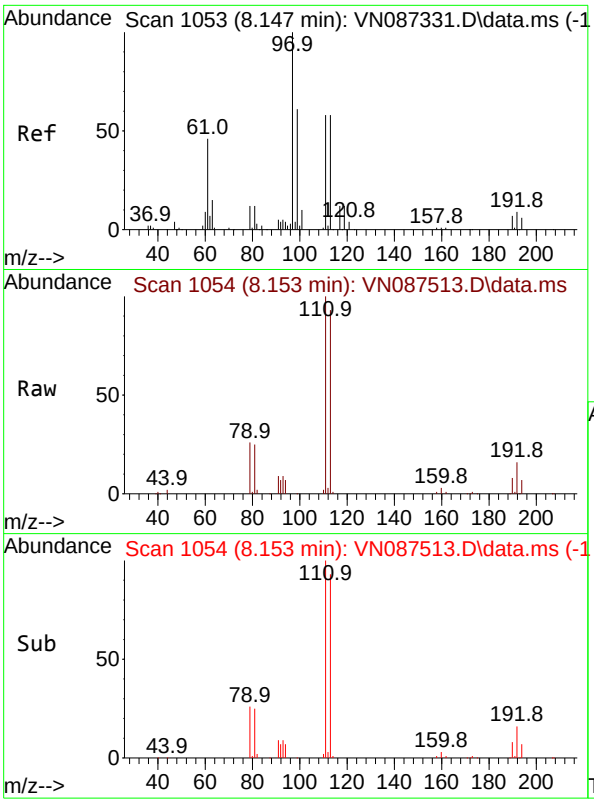


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion:114 Resp: 554436

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.6
88	15.7	0.0	32.8



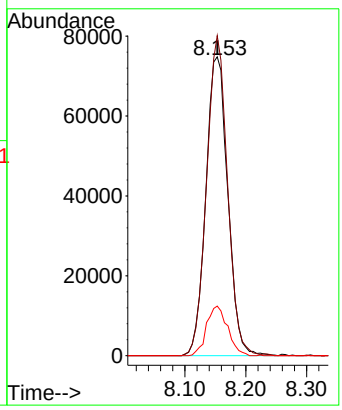


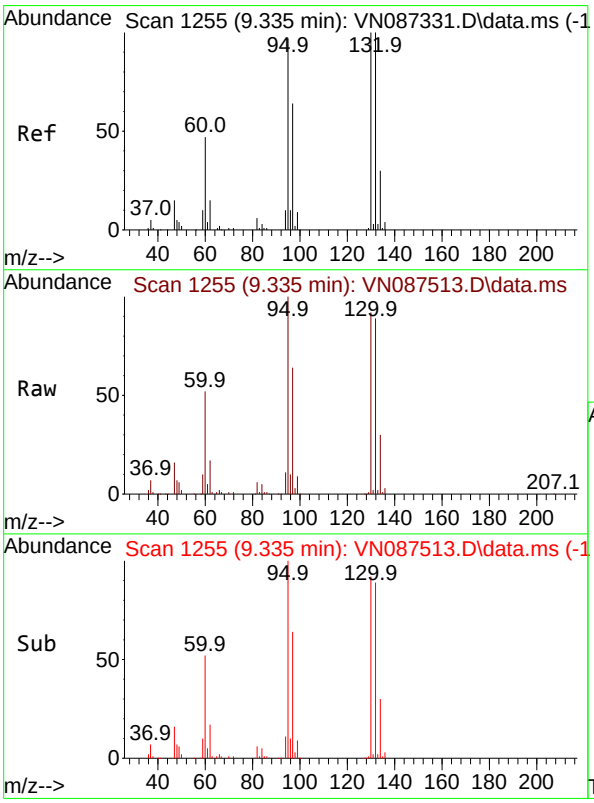
#35
Dibromofluoromethane
Concen: 49.035 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion:113 Resp: 187535

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.5	123.7
192	16.0	13.7	20.5

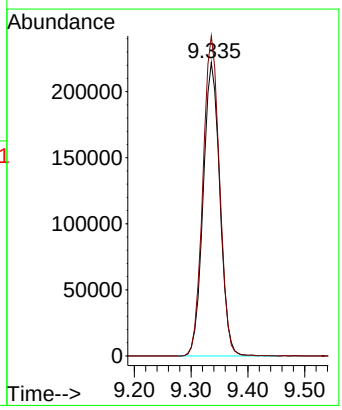


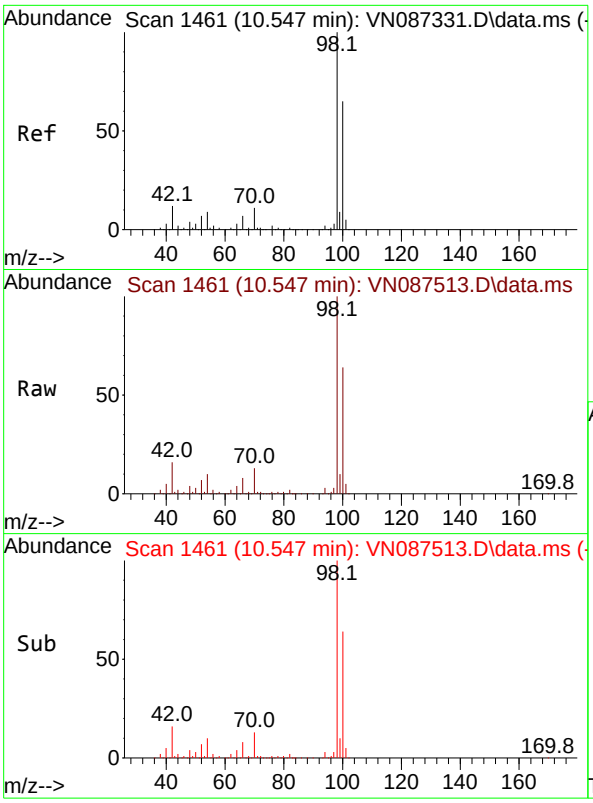


#44
Trichloroethene
Concen: 116.863 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion:130 Resp: 450946

Ion	Ratio	Lower	Upper
130	100		
95	109.1	0.0	195.2



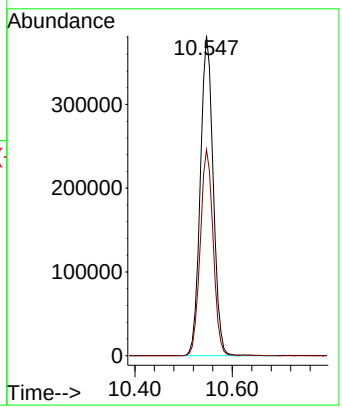


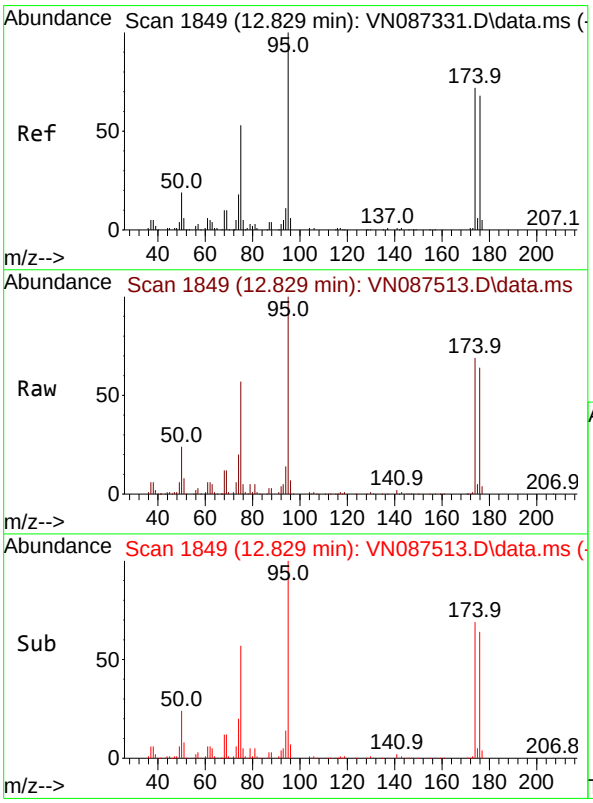
#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion: 98 Resp: 700794

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

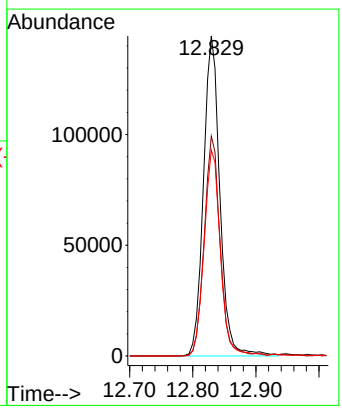


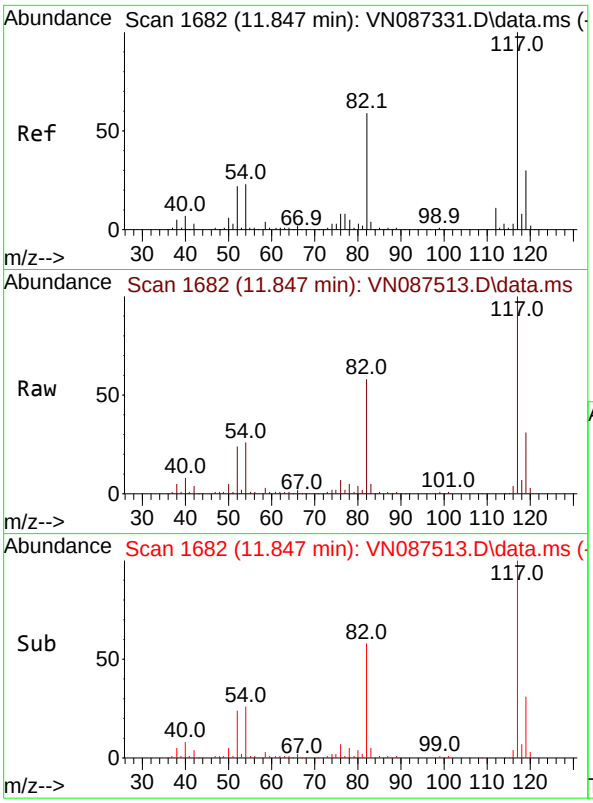


#62
4-Bromofluorobenzene
Concen: 51.930 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion: 95 Resp: 261737

Ion	Ratio	Lower	Upper
95	100		
174	66.5	0.0	149.4
176	63.7	0.0	141.2



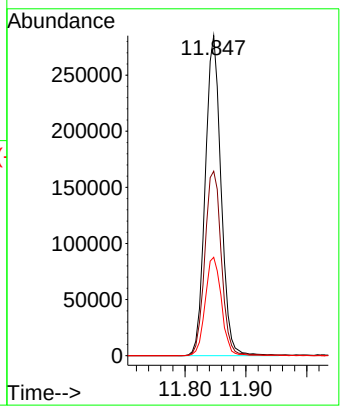


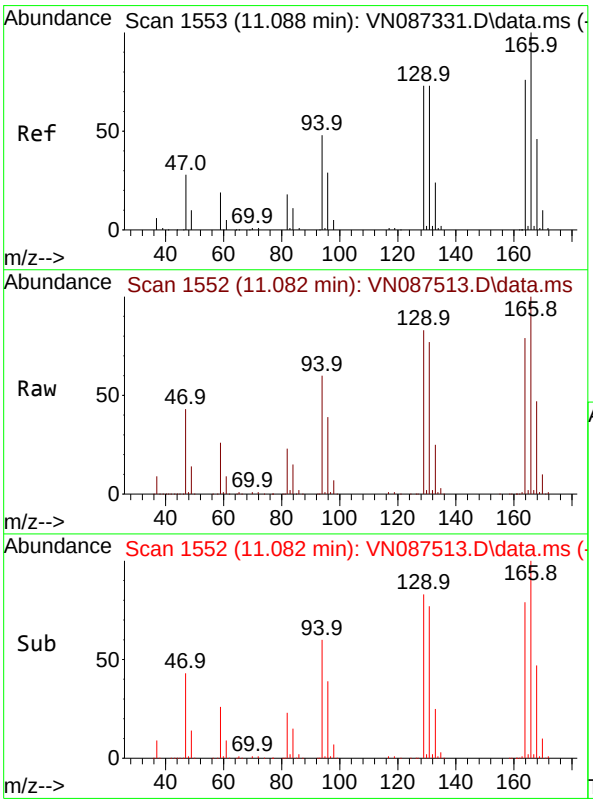
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion:117 Resp: 512804

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	30.7	23.8	35.8

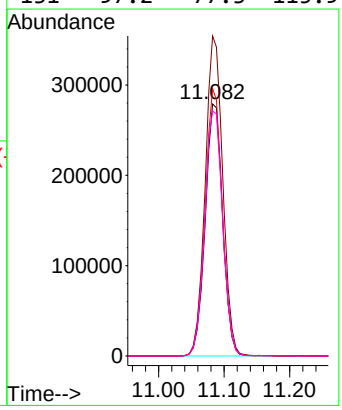


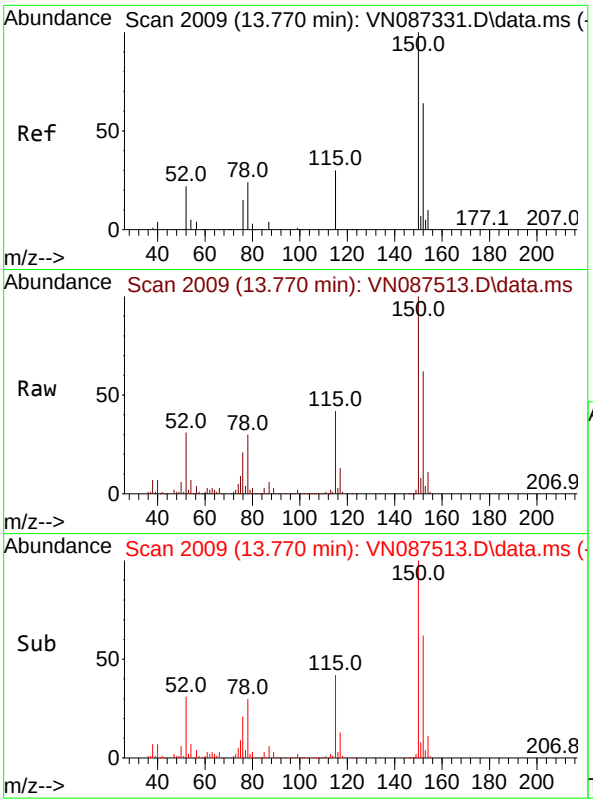


#64
Tetrachloroethene
Concen: 156.096 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Tgt Ion:164 Resp: 515186

Ion	Ratio	Lower	Upper
164	100		
166	126.9	105.5	158.3
129	106.0	77.4	116.2
131	97.2	77.3	115.9



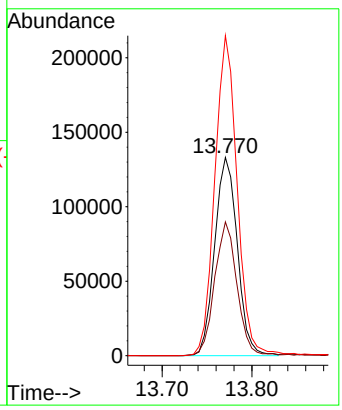


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087513.D
Acq: 12 Aug 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Tgt Ion:152 Resp: 233578

Ion	Ratio	Lower	Upper
152	100		
115	66.5	31.1	93.5
150	159.8	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.771	640	649	661	rVB2	32491	103714	2.25%	0.548%
2	7.471	927	938	958	rVB2	442353	1193552	25.93%	6.309%
3	8.153	1043	1054	1058	rBV	263819	620497	13.48%	3.280%
4	8.206	1058	1063	1078	rVB2	375052	878323	19.08%	4.643%
5	8.565	1111	1124	1136	rBV	310343	706400	15.34%	3.734%
6	9.083	1203	1212	1222	rBV	671839	1399483	30.40%	7.397%
7	9.335	1244	1255	1267	rBV	1361639	2787953	60.56%	14.736%
8	10.547	1452	1461	1471	rBV	1064503	1958949	42.55%	10.354%
9	11.082	1542	1552	1564	rBV	2473340	4603623	100.00%	24.333%
10	11.847	1673	1682	1697	rBV	942982	1734446	37.68%	9.168%
11	12.829	1841	1849	1861	rBV	726788	1299790	28.23%	6.870%
12	13.770	2002	2009	2022	rBV	933963	1632147	35.45%	8.627%

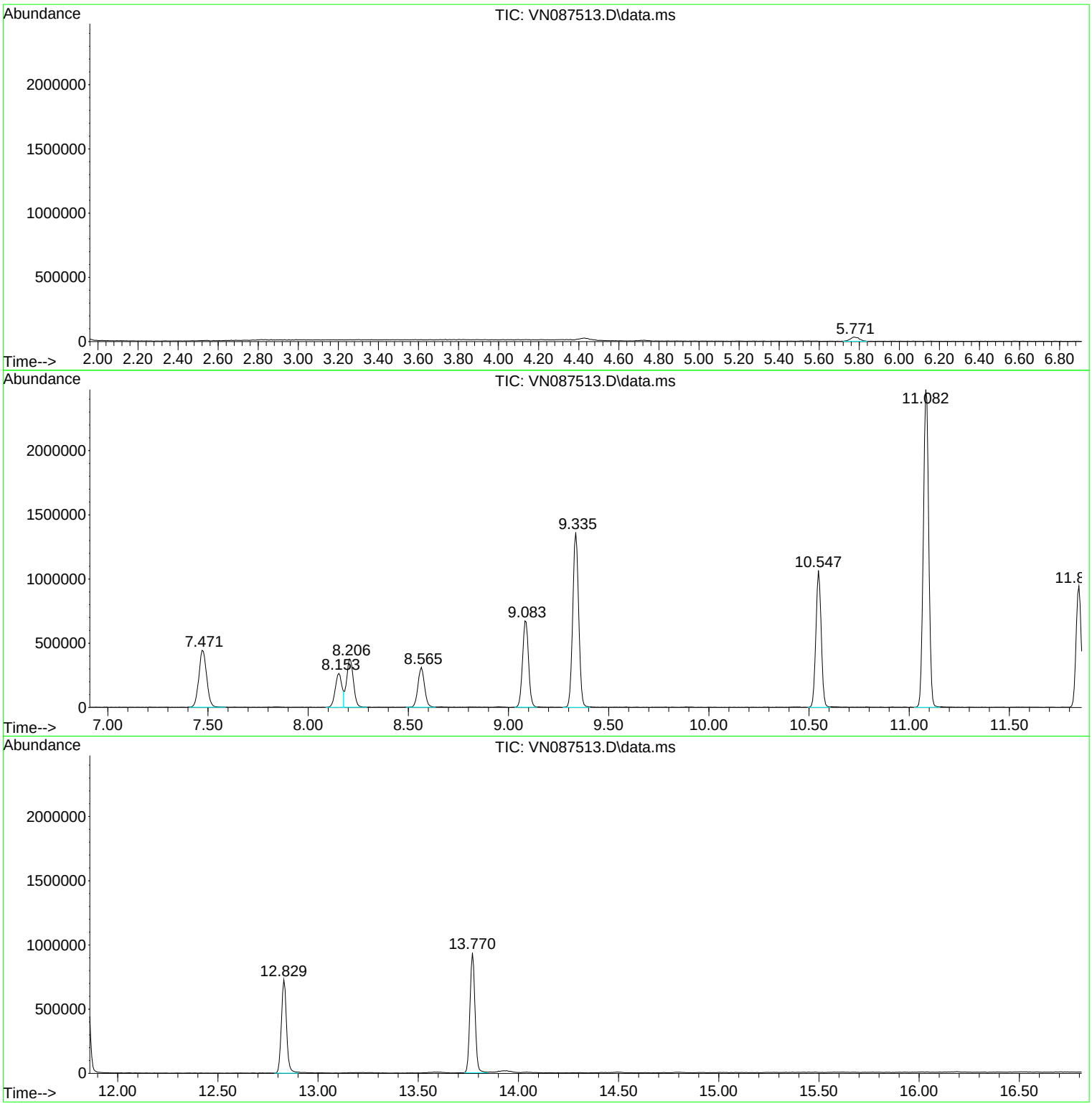
Sum of corrected areas: 18918877

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087513.D
Acq On : 12 Aug 2025 14:46
Operator : JC\MD
Sample : Q2816-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087531.D	5	08/13/25 13:45	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.00	UDQ	1.10	5.00	ug/L
74-87-3	Chloromethane	5.00	UD	1.60	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	UD	1.30	5.00	ug/L
74-83-9	Bromomethane	25.0	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	5.00	UD	2.40	5.00	ug/L
75-69-4	Trichlorofluoromethane	5.00	UD	1.70	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	1.30	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	UD	1.20	5.00	ug/L
67-64-1	Acetone	24.3	JD	7.60	25.0	ug/L
75-15-0	Carbon Disulfide	5.00	UD	1.10	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	5.00	UDQ	0.80	5.00	ug/L
79-20-9	Methyl Acetate	5.00	UD	1.40	5.00	ug/L
75-09-2	Methylene Chloride	5.00	UD	1.40	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	UD	1.20	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	UD	1.20	5.00	ug/L
110-82-7	Cyclohexane	25.0	UD	7.30	25.0	ug/L
78-93-3	2-Butanone	25.0	UD	4.90	25.0	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	1.30	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	66.7	D	0.95	5.00	ug/L
74-97-5	Bromochloromethane	5.00	UDQ	1.10	5.00	ug/L
67-66-3	Chloroform	5.00	UD	1.30	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	UD	1.00	5.00	ug/L
108-87-2	Methylcyclohexane	5.00	UD	0.80	5.00	ug/L
71-43-2	Benzene	5.00	UD	0.75	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	UD	1.10	5.00	ug/L
79-01-6	Trichloroethene	110	D	0.47	5.00	ug/L
78-87-5	1,2-Dichloropropane	5.00	UD	1.00	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	UD	1.10	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	25.0	UD	3.40	25.0	ug/L
108-88-3	Toluene	5.00	UD	0.70	5.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087531.D	5	08/13/25 13:45	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	5.00	UD	0.85	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	0.80	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	UD	1.10	5.00	ug/L
591-78-6	2-Hexanone	25.0	UD	4.50	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	UD	0.90	5.00	ug/L
106-93-4	1,2-Dibromoethane	5.00	UD	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	160	D	1.20	5.00	ug/L
108-90-7	Chlorobenzene	5.00	UD	0.60	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	UD	0.65	5.00	ug/L
179601-23-1	m/p-Xylenes	10.0	UD	1.20	10.0	ug/L
95-47-6	o-Xylene	5.00	UD	0.60	5.00	ug/L
100-42-5	Styrene	5.00	UD	0.75	5.00	ug/L
75-25-2	Bromoform	5.00	UD	0.95	5.00	ug/L
98-82-8	Isopropylbenzene	5.00	UD	0.60	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	1.30	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	5.00	UD	0.80	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	5.00	UD	0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	5.00	UD	0.80	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	2.70	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	1.00	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	1.00	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.5		74 - 125	125%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	242000	8.212			
540-36-3	1,4-Difluorobenzene	538000	9.088			
3114-55-4	Chlorobenzene-d5	477000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	224000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1057-MW-03A(17)DL	SDG No.:	Q2816
Lab Sample ID:	Q2816-05DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087531.D	5	08/13/25 13:45	VN081325

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\VN081325\
Data File : VN087531.D
Acq On : 13 Aug 2025 13:45
Operator : JC\MD
Sample : Q2816-05DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Quant Time: Aug 14 03:59:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

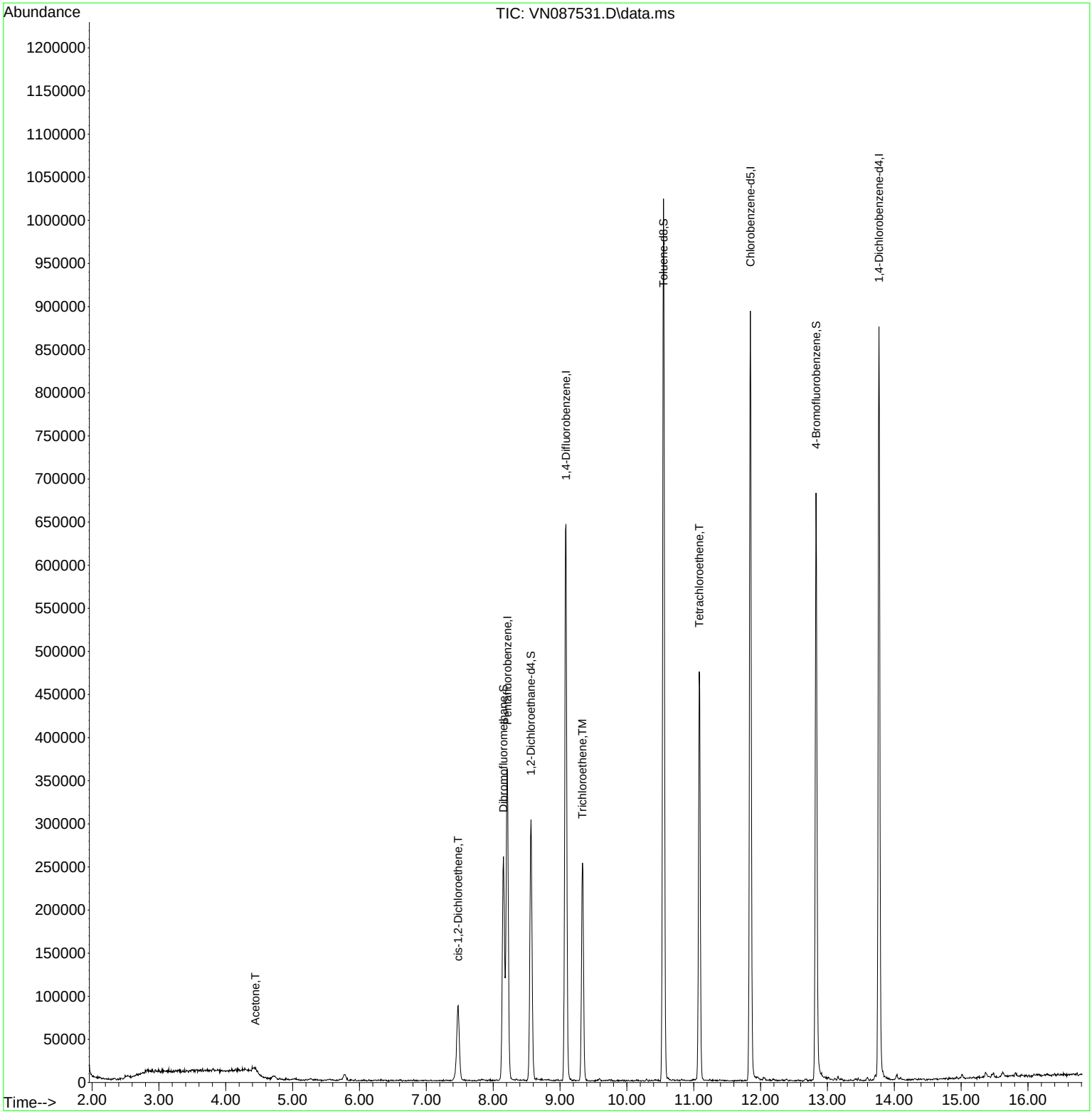
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	242235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	538435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	477328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	224016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	257078	62.546	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.100%#			
35) Dibromofluoromethane	8.153	113	182278	49.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.547	98	678568	51.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.829	95	242040	49.449	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.900%			
Target Compounds						Qvalue
16) Acetone	4.442	43	9349	4.851	ug/l #	89
27) cis-1,2-Dichloroethene	7.477	96	47912	13.345	ug/l	95
44) Trichloroethene	9.335	130	85704	22.870	ug/l	87
64) Tetrachloroethene	11.082	164	96136	31.293	ug/l	96

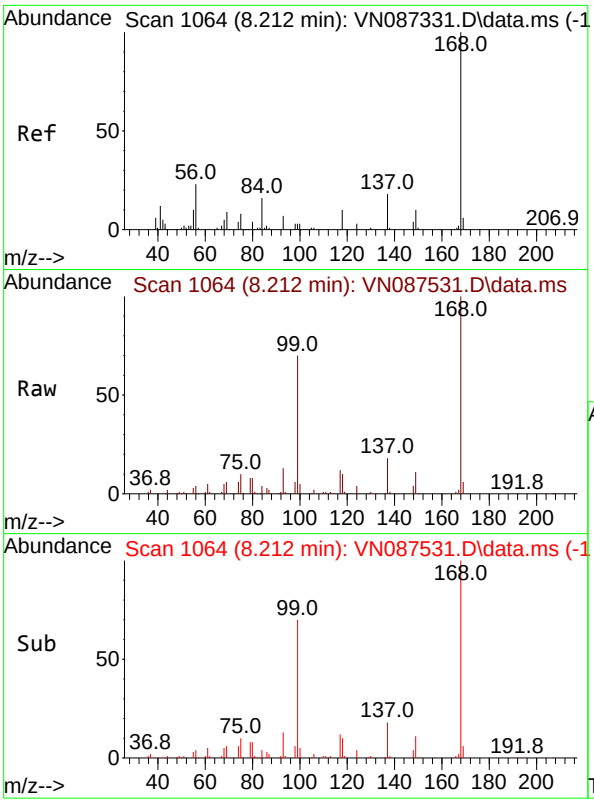
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087531.D
Acq On : 13 Aug 2025 13:45
Operator : JC\MD
Sample : Q2816-05DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Quant Time: Aug 14 03:59:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



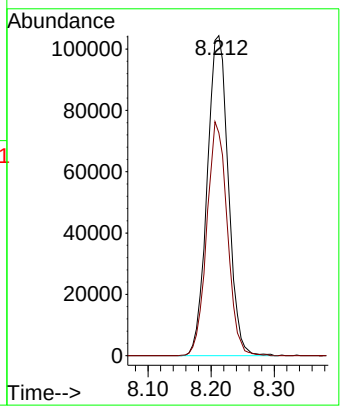


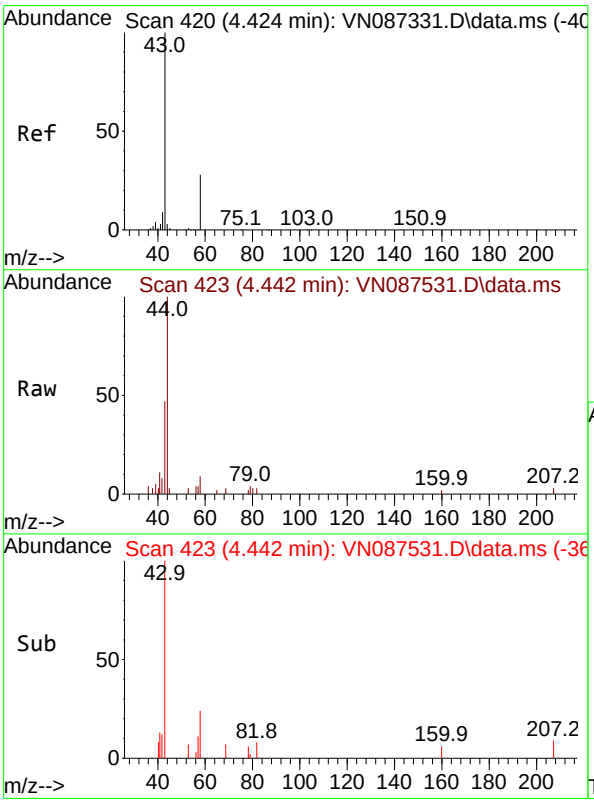
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion:168 Resp: 242235

Ion	Ratio	Lower	Upper
168	100		
99	69.6	47.9	71.9

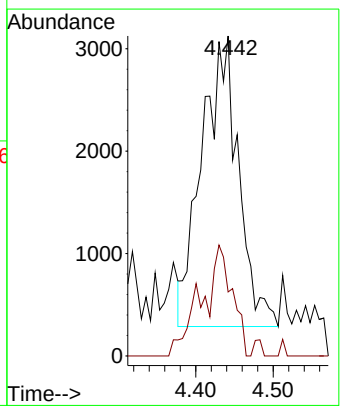


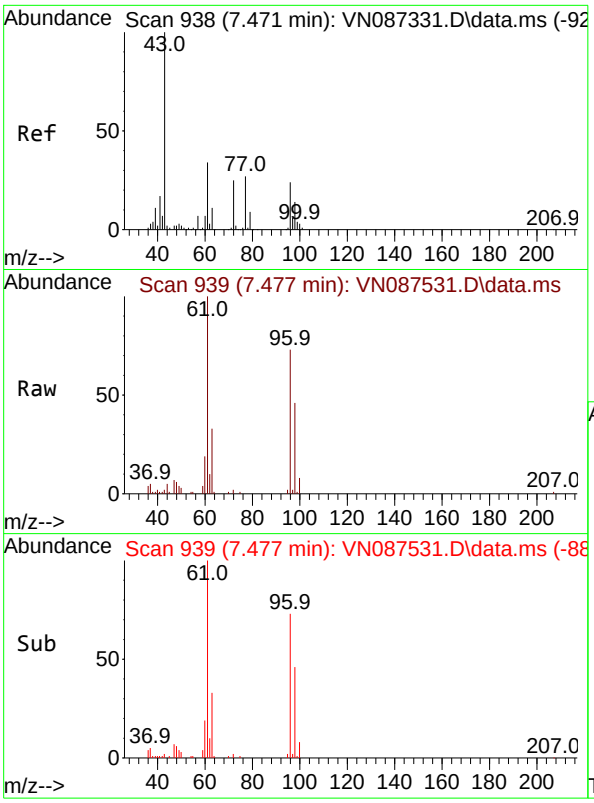


#16
Acetone
Concen: 4.851 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 43 Resp: 9349

Ion	Ratio	Lower	Upper
43	100		
58	22.0	22.3	33.5#



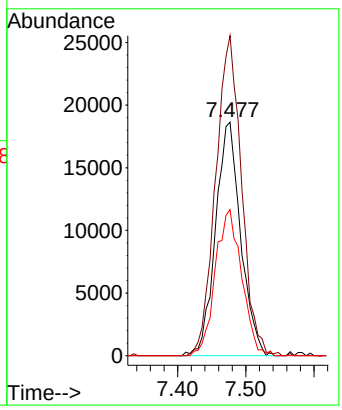


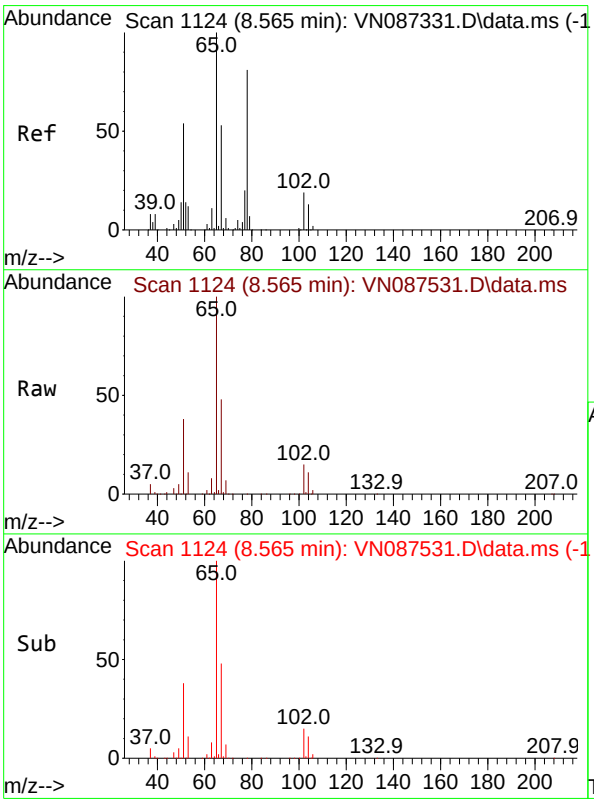
#27
cis-1,2-Dichloroethene
Concen: 13.345 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion: 96 Resp: 47912

Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	297.8
98	65.4	0.0	132.4

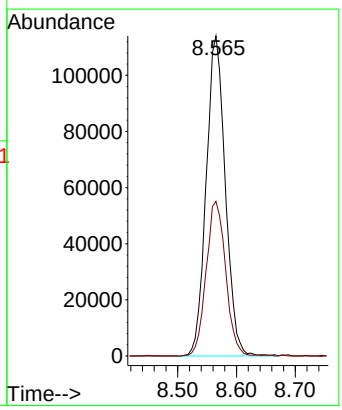


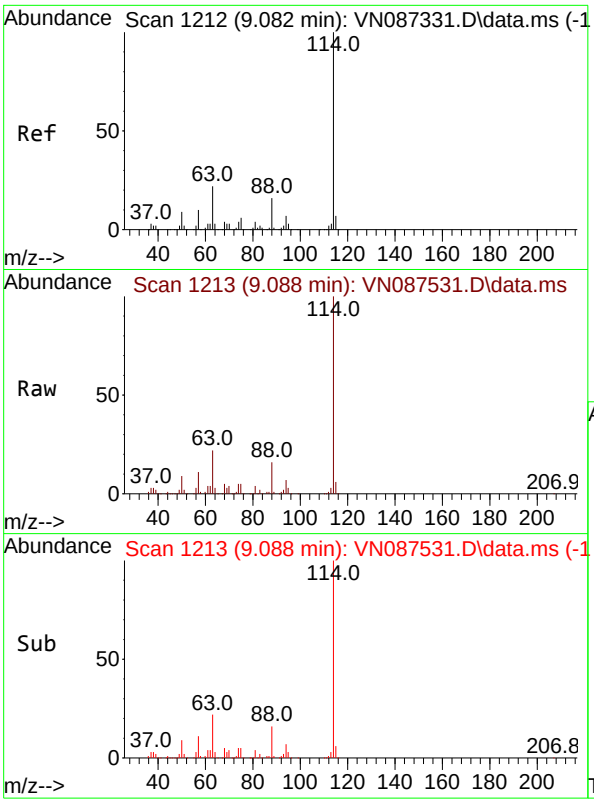


#33
1,2-Dichloroethane-d4
Concen: 62.546 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 65 Resp: 257078

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	104.0



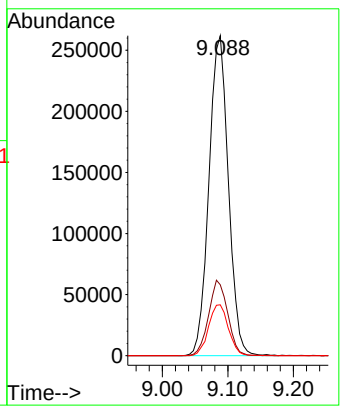


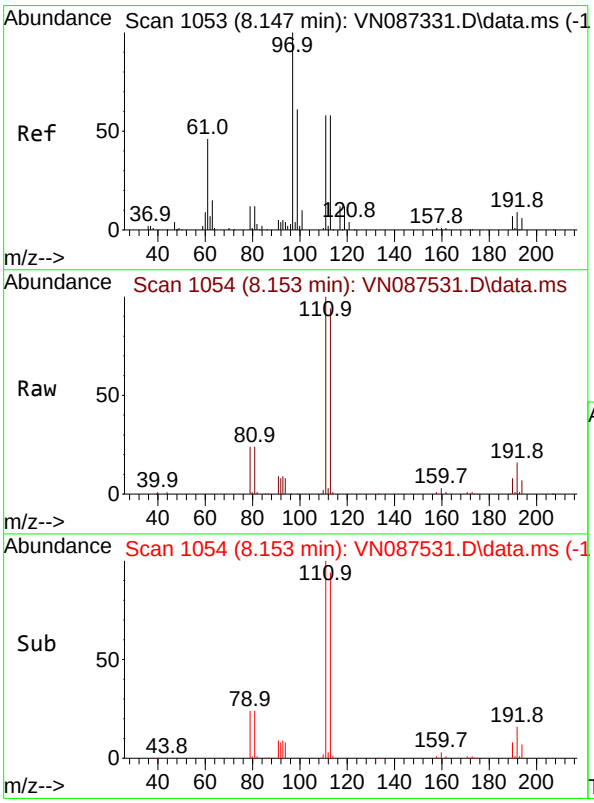
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion:114 Resp: 538435

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.6
88	15.9	0.0	32.8

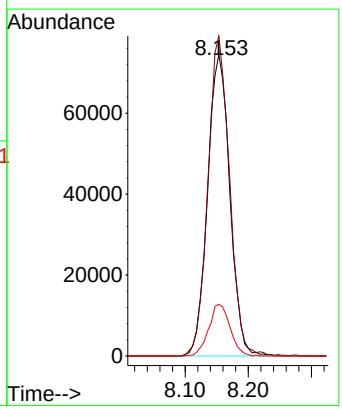


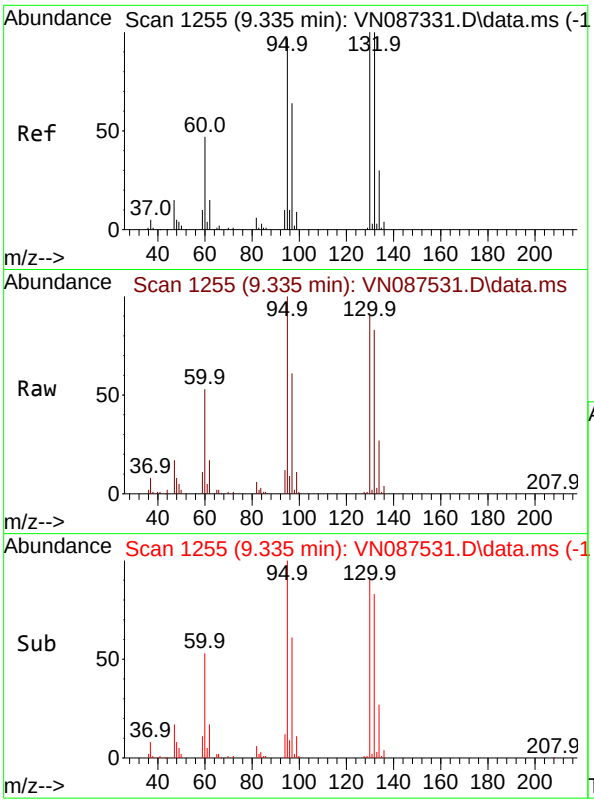


#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion:113 Resp: 182278

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	16.5	13.7	20.5



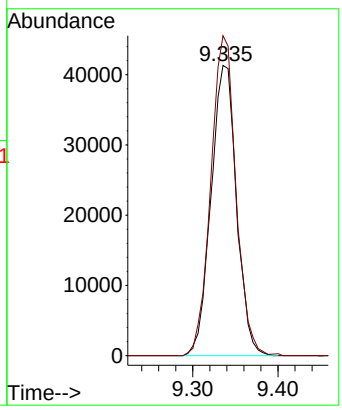


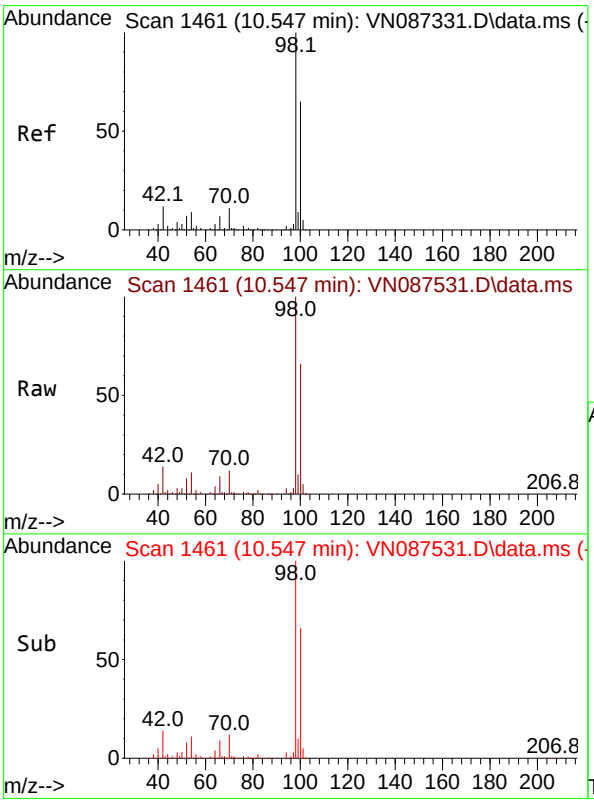
#44
Trichloroethene
Concen: 22.870 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion:130 Resp: 85704

Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	195.2

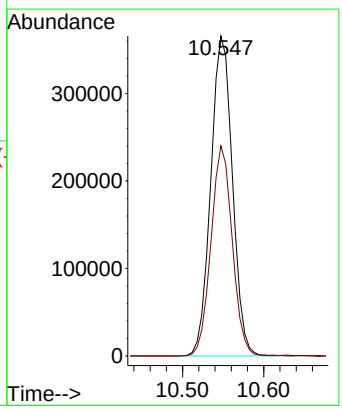


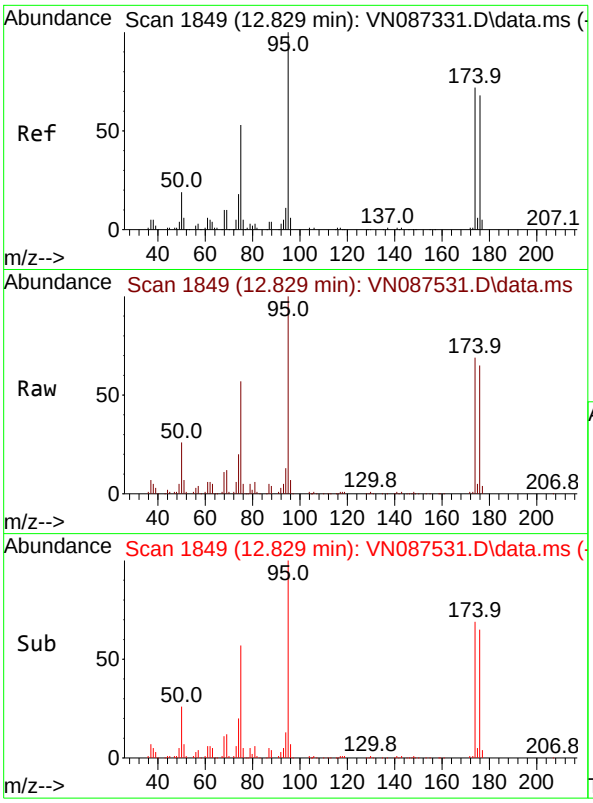


#50
Toluene-d8
Concen: 51.218 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 98 Resp: 678568

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



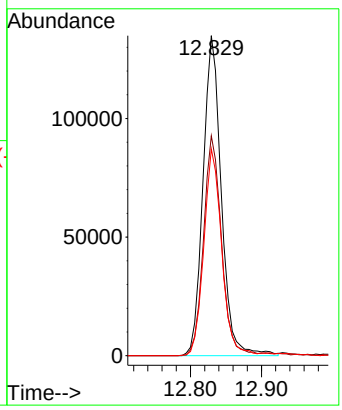


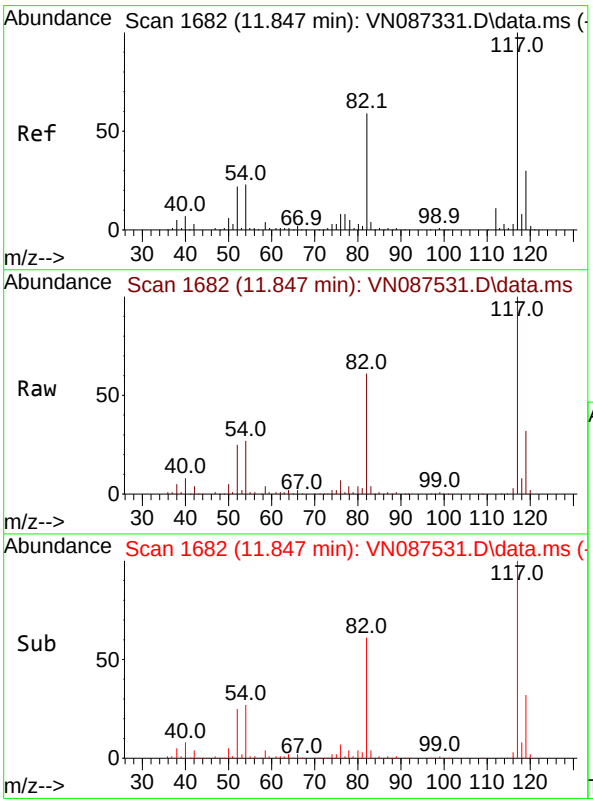
#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion: 95 Resp: 242040

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	149.4
176	63.1	0.0	141.2

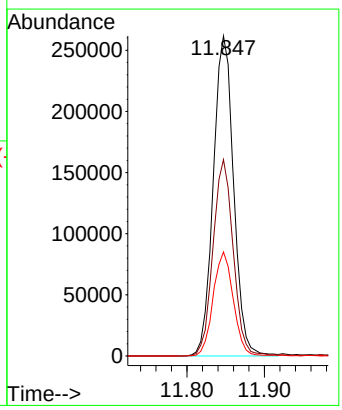


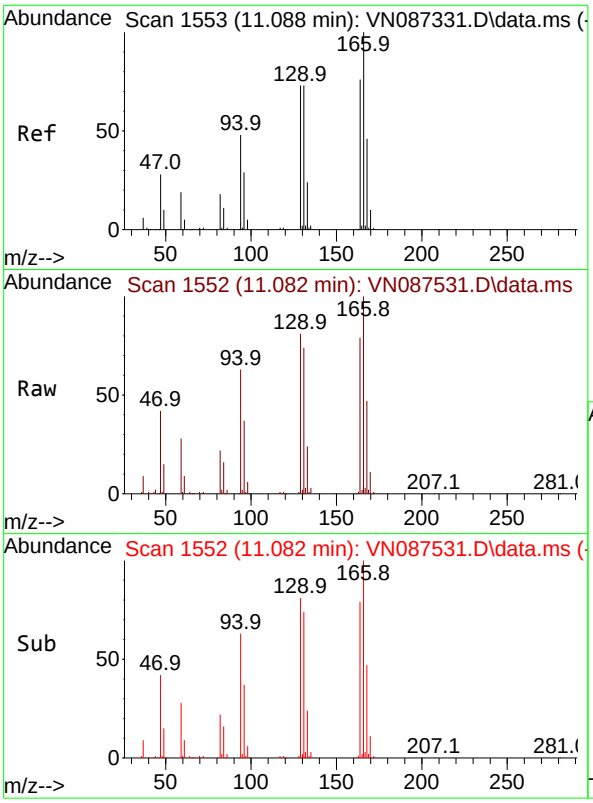


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion:117 Resp: 477328

Ion	Ratio	Lower	Upper
117	100		
82	61.3	47.4	71.2
119	32.5	23.8	35.8



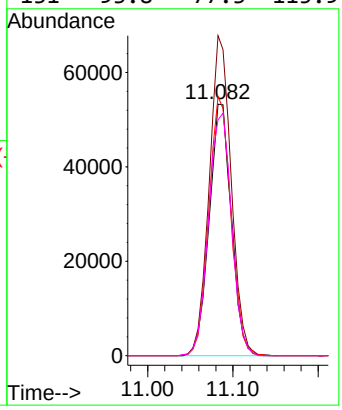


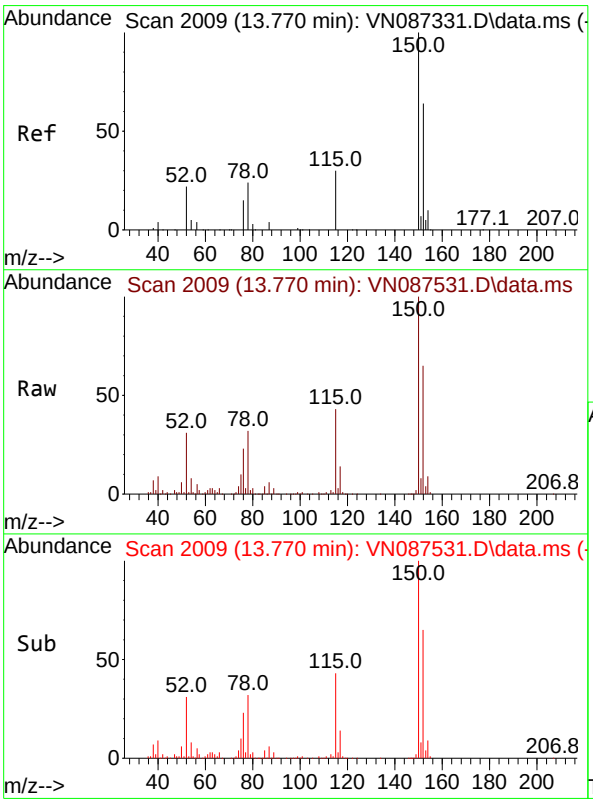
#64
Tetrachloroethene
Concen: 31.293 ug/l
RT: 11.082 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Instrument :
MSVOA_N
ClientSampleId :
1057-MW-03A(17)DL

Tgt Ion:164 Resp: 96136

Ion	Ratio	Lower	Upper
164	100		
166	127.2	105.5	158.3
129	103.0	77.4	116.2
131	93.8	77.3	115.9

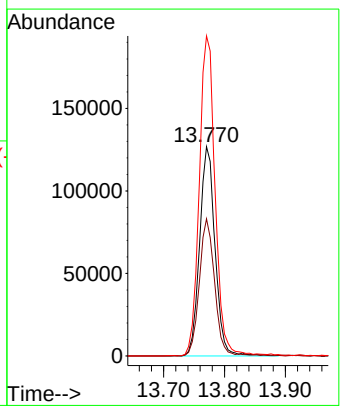




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087531.D
Acq: 13 Aug 2025 13:45

Tgt Ion:152 Resp: 224016

Ion	Ratio	Lower	Upper
152	100		
115	64.9	31.1	93.5
150	157.2	0.0	349.0



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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1058-MW-11(15)	SDG No.:	Q2816
Lab Sample ID:	Q2816-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087514.D	1	08/12/25 15:07	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.35	J	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	2.10		0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	17.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.55	J	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	2.90	J	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	24.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	29.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1058-MW-11(15)	SDG No.:	Q2816
Lab Sample ID:	Q2816-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087514.D	1	08/12/25 15:07	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	140		0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.3		74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	52.2		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	245000	8.212			
540-36-3	1,4-Difluorobenzene	534000	9.082			
3114-55-4	Chlorobenzene-d5	498000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	234000	13.77			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1058-MW-11(15)	SDG No.:	Q2816
Lab Sample ID:	Q2816-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087514.D	1	08/12/25 15:07	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000074-93-1	Methanethiol	21.8	J		2.87	ug/L
000075-18-3	Dimethyl sulfide	29.2	J		4.52	ug/L
000624-92-0	Disulfide, dimethyl	12.5	J		10.4	ug/L

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Time: Aug 13 03:05:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

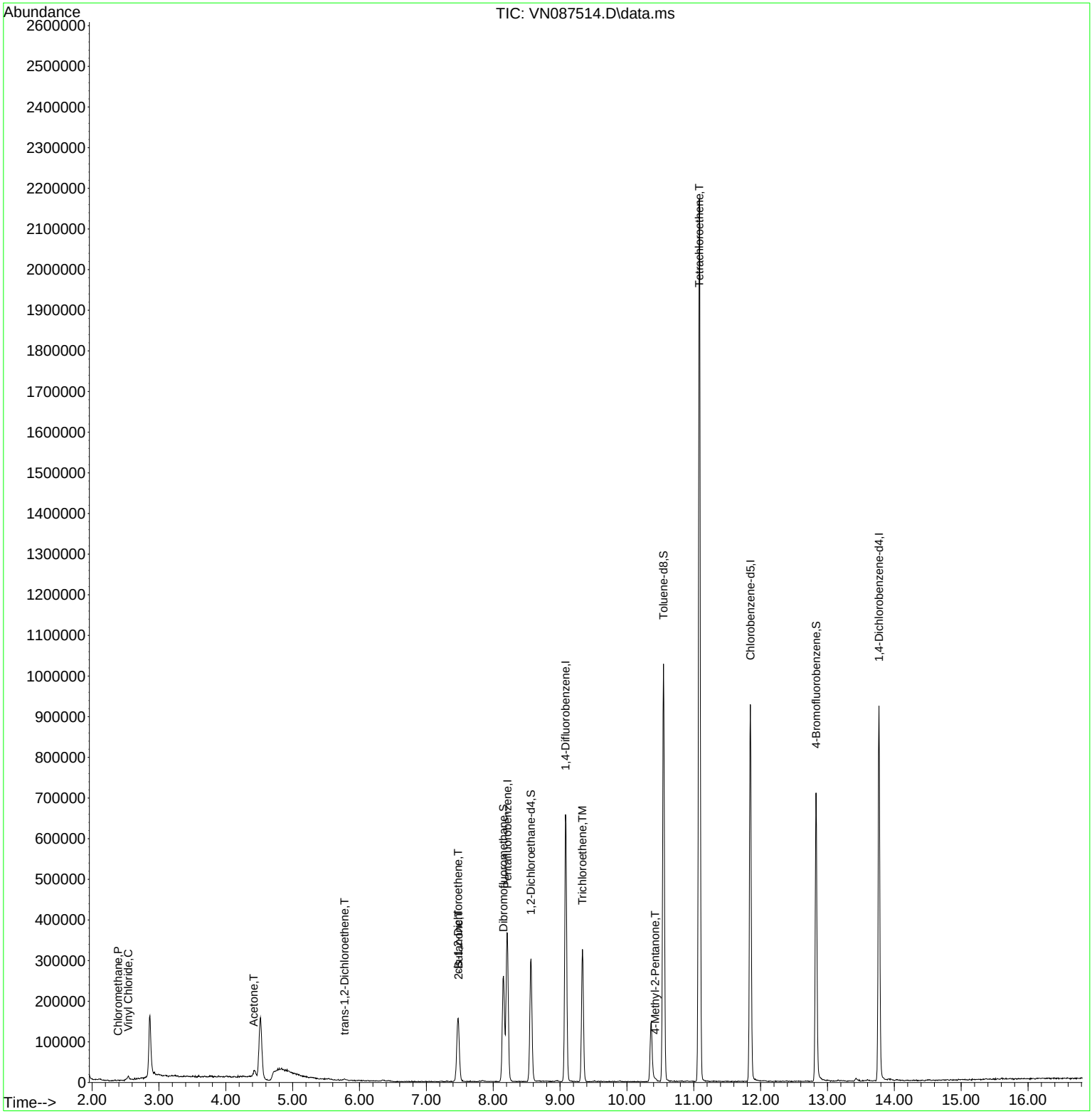
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	245218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	533590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	497794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	234425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	255216	61.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.680%			
35) Dibromofluoromethane	8.153	113	183717	49.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	10.547	98	685529	52.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.420%			
62) 4-Bromofluorobenzene	12.829	95	253983	52.360	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.720%			
Target Compounds						Qvalue
3) Chloromethane	2.389	50	1146	0.350	ug/l #	86
4) Vinyl Chloride	2.542	62	6862	2.108	ug/l	96
16) Acetone	4.418	43	33399	17.120	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	1745	0.553	ug/l	90
25) 2-Butanone	7.483	43	8824	2.927	ug/l #	82
27) cis-1,2-Dichloroethene	7.477	96	88700	24.405	ug/l	92
44) Trichloroethene	9.335	130	108002	29.082	ug/l	98
51) 4-Methyl-2-Pentanone	10.424	43	3226	0.468	ug/l #	75
64) Tetrachloroethene	11.082	164	457072	142.664	ug/l	96

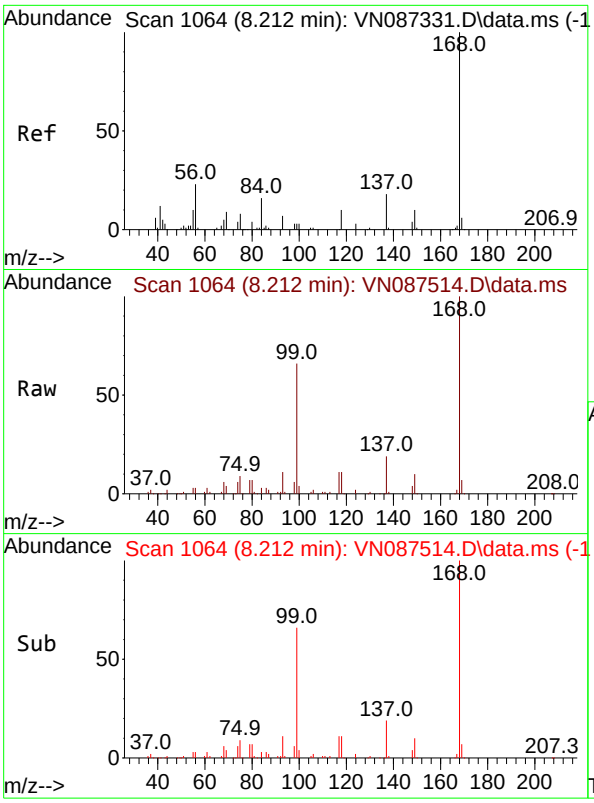
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Time: Aug 13 03:05:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



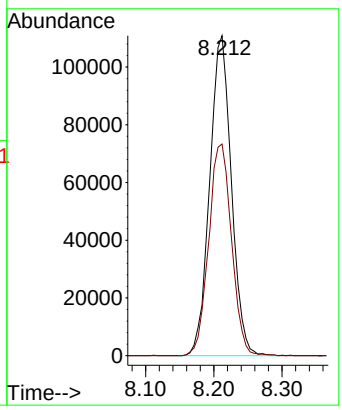


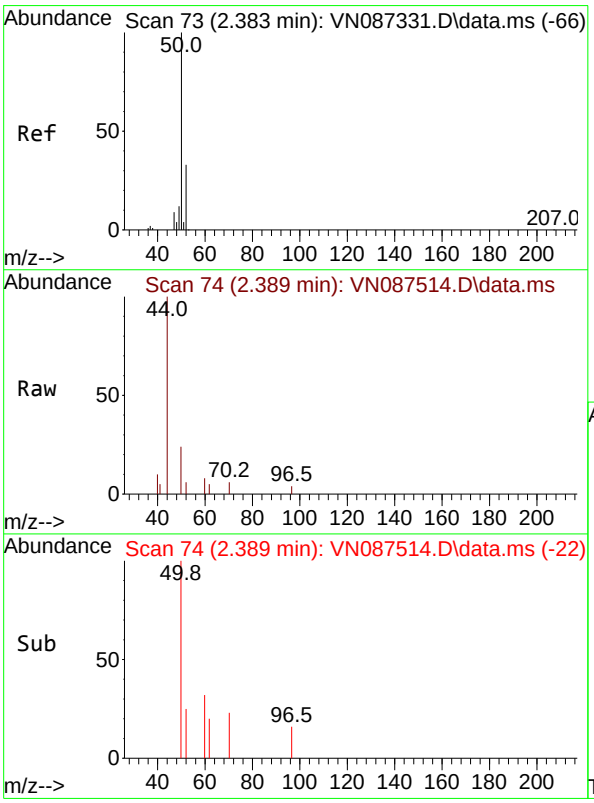
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion:168 Resp: 245218

Ion	Ratio	Lower	Upper
168	100		
99	66.1	47.9	71.9

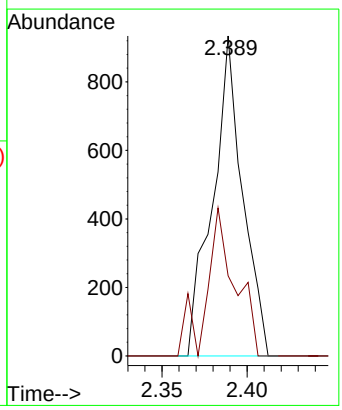


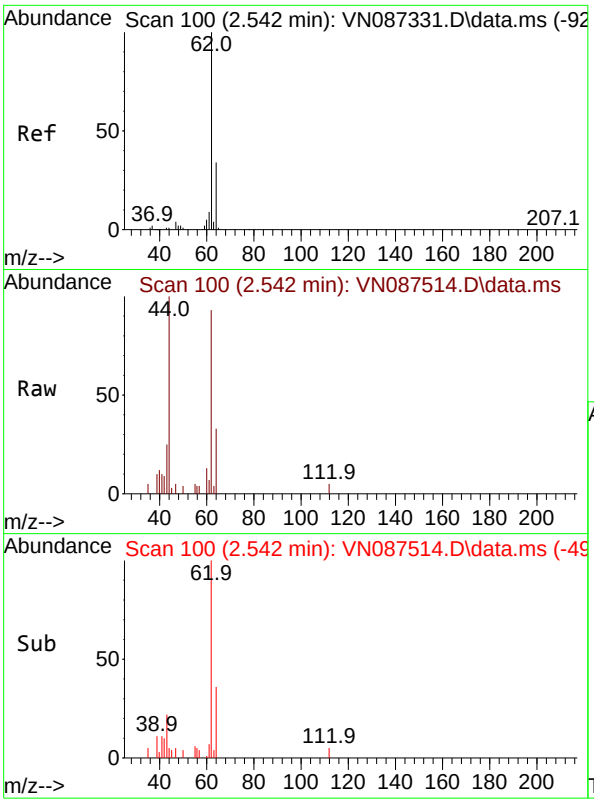


#3
Chloromethane
Concen: 0.350 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 50 Resp: 1146

Ion	Ratio	Lower	Upper
50	100		
52	25.1	26.3	39.5#



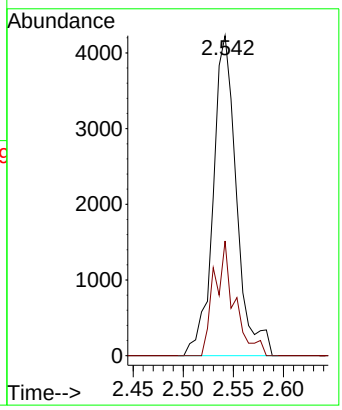


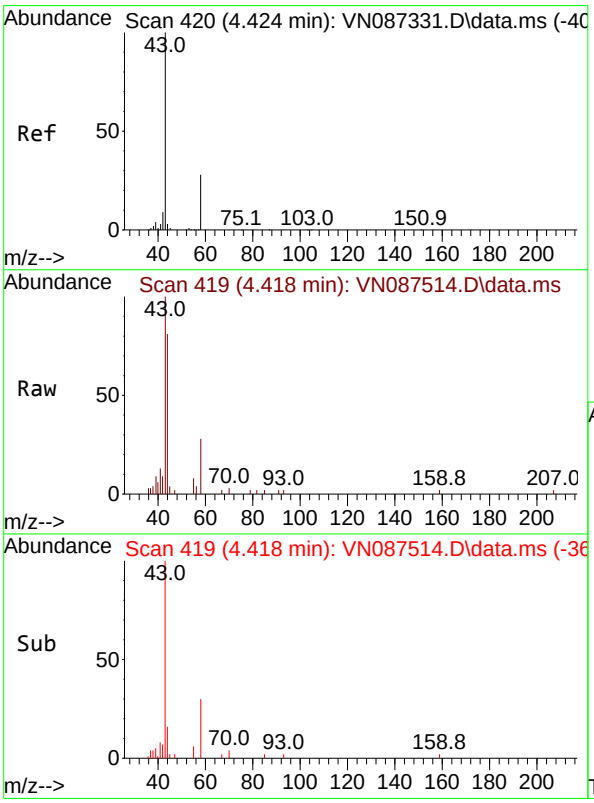
#4
Vinyl Chloride
Concen: 2.108 ug/l
RT: 2.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion: 62 Resp: 6862

Ion	Ratio	Lower	Upper
62	100		
64	35.8	27.0	40.6

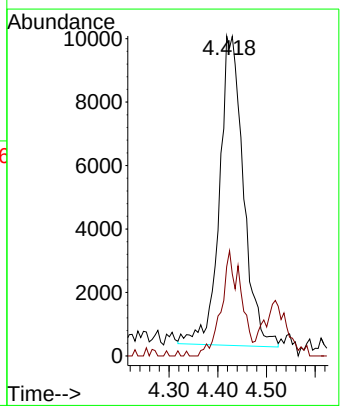


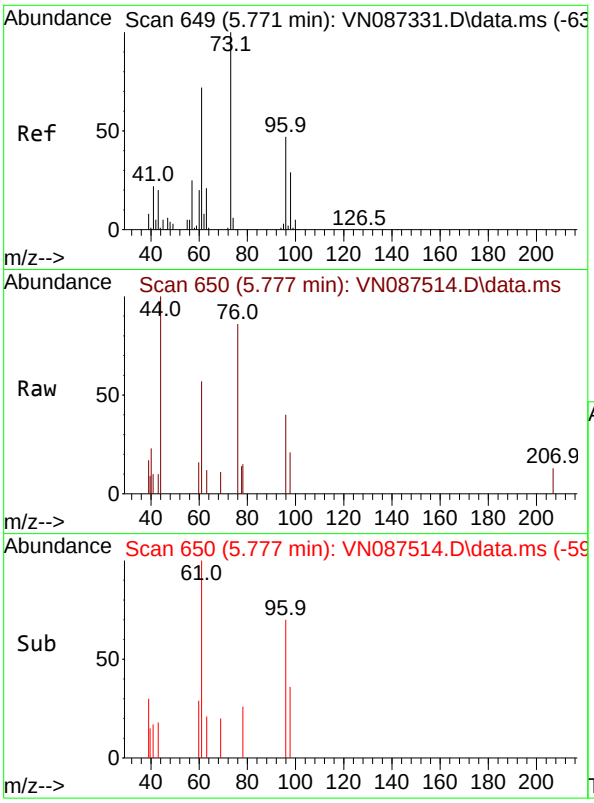


#16
Acetone
Concen: 17.120 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 43 Resp: 33399

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5



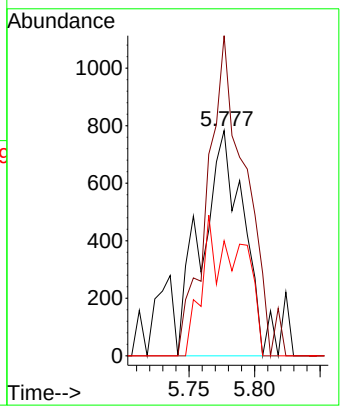


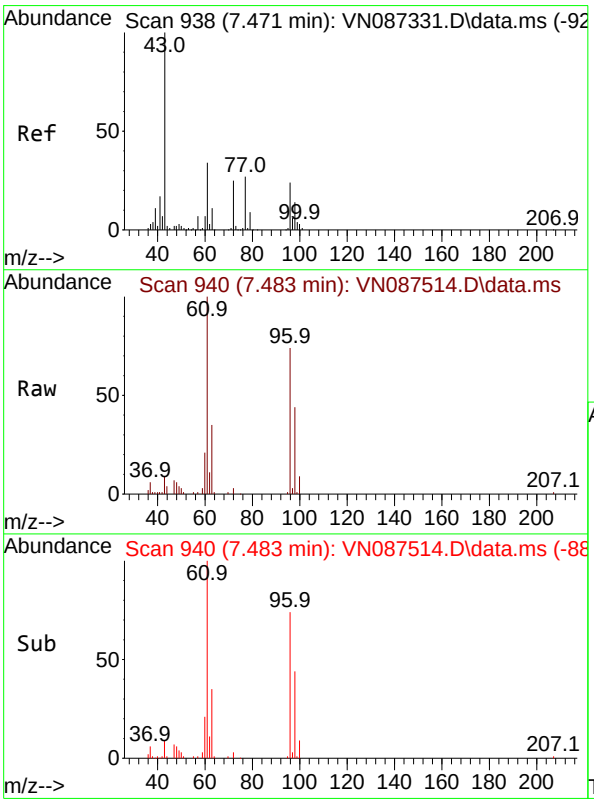
#21
trans-1,2-Dichloroethene
Concen: 0.553 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion: 96 Resp: 1745

Ion	Ratio	Lower	Upper
96	100		
61	142.1	122.0	183.0
98	51.1	50.0	75.0

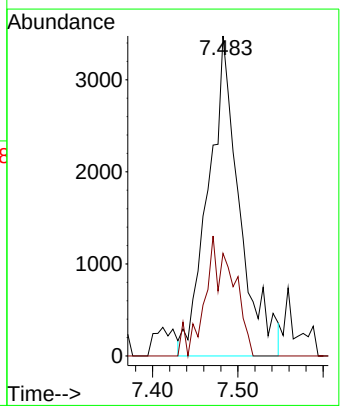


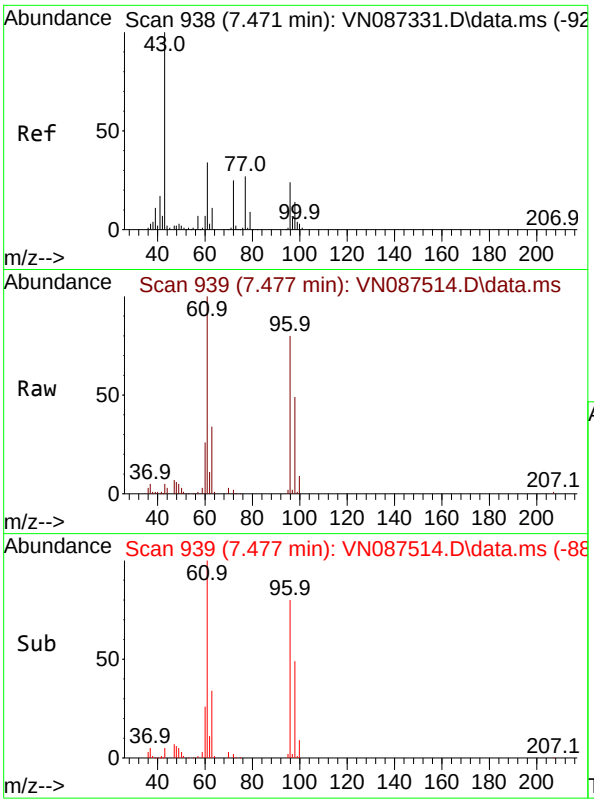


#25
2-Butanone
Concen: 2.927 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 43 Resp: 8824

Ion	Ratio	Lower	Upper
43	100		
72	33.6	19.6	29.4#



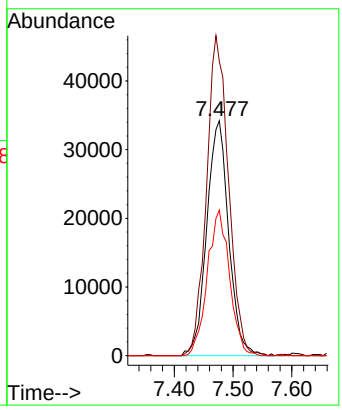


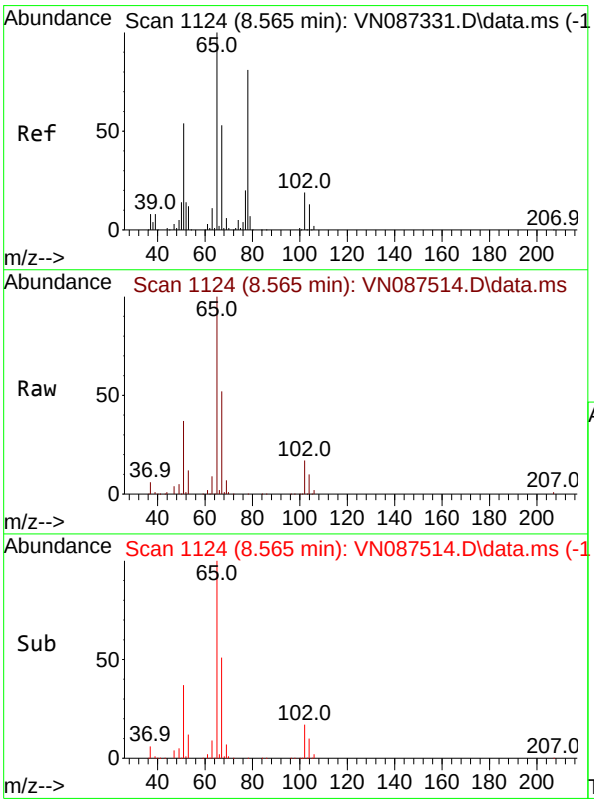
#27
cis-1,2-Dichloroethene
Concen: 24.405 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion: 96 Resp: 88700

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	297.8
98	62.6	0.0	132.4

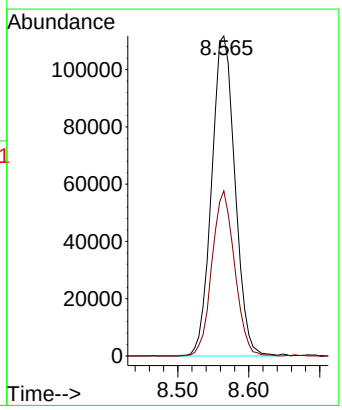


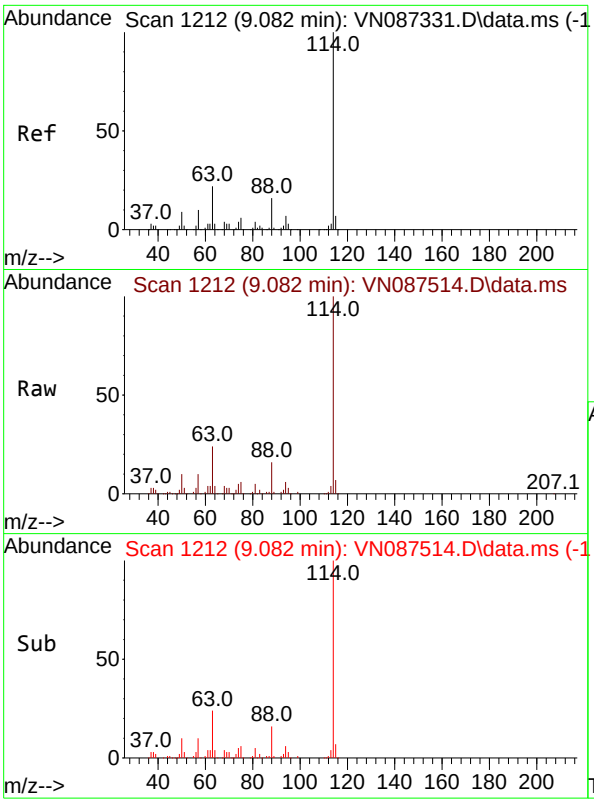


#33
1,2-Dichloroethane-d4
Concen: 61.338 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 65 Resp: 255216

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.0



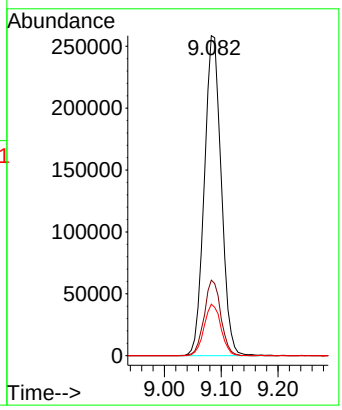


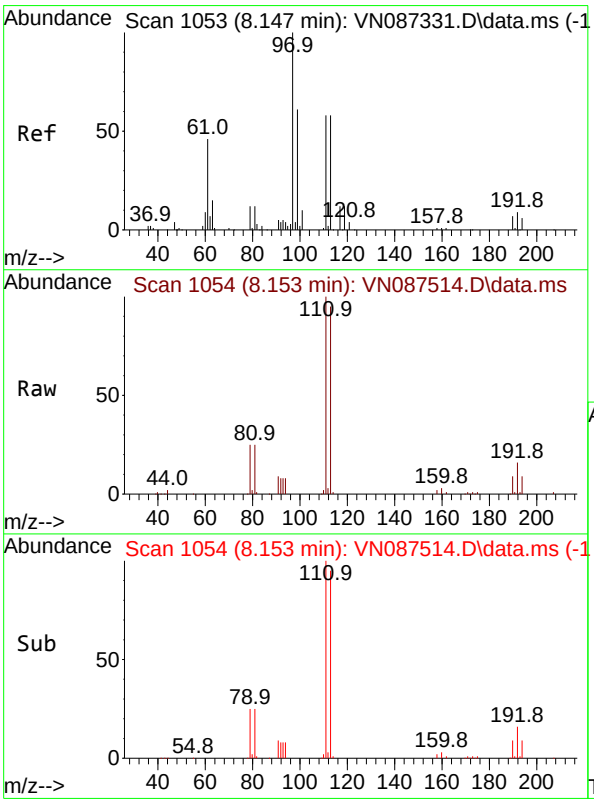
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion:114 Resp: 533590

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	44.6
88	16.1	0.0	32.8

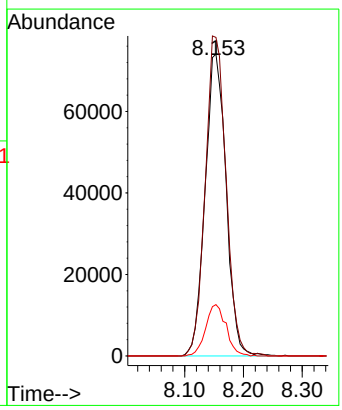


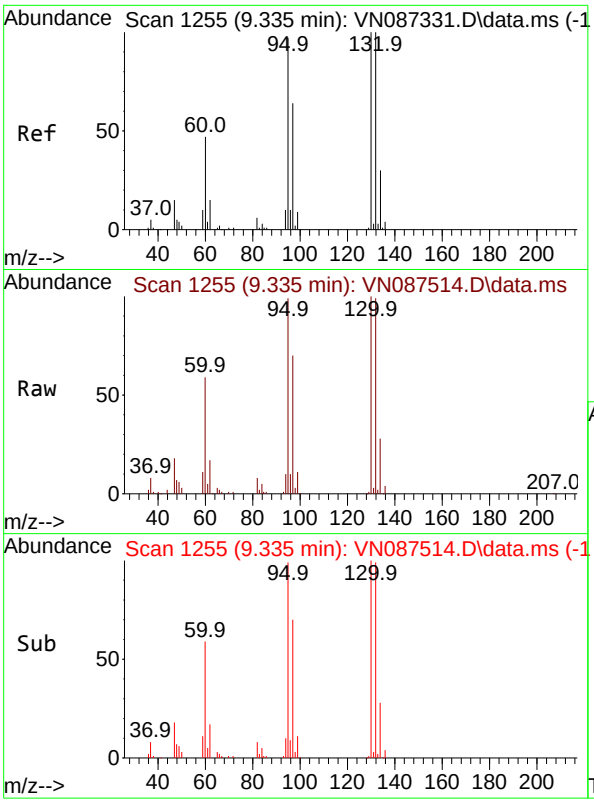


#35
Dibromofluoromethane
Concen: 49.914 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion:113 Resp: 183717

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.5	123.7
192	16.6	13.7	20.5



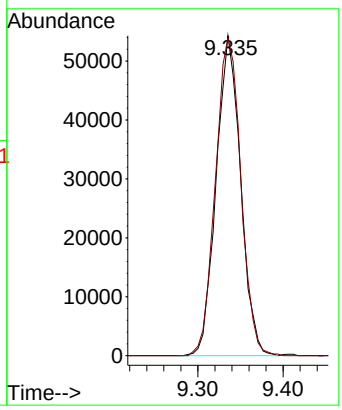


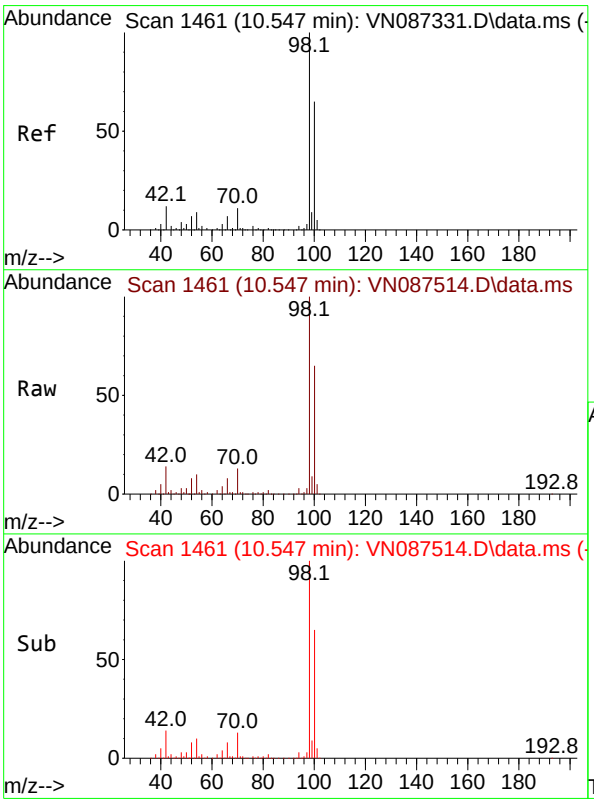
#44
Trichloroethene
Concen: 29.082 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion:130 Resp: 108002

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	195.2

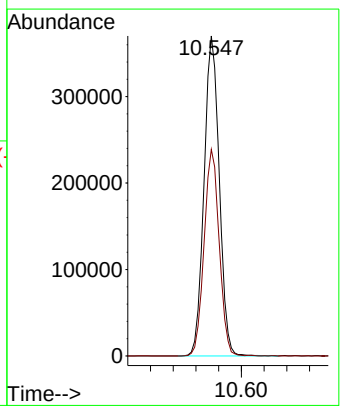


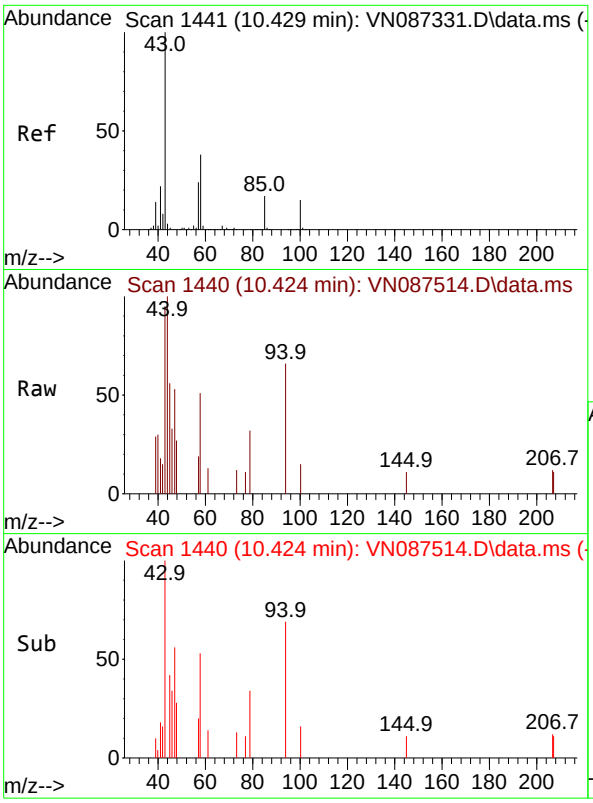


#50
Toluene-d8
Concen: 52.213 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 98 Resp: 685529

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1



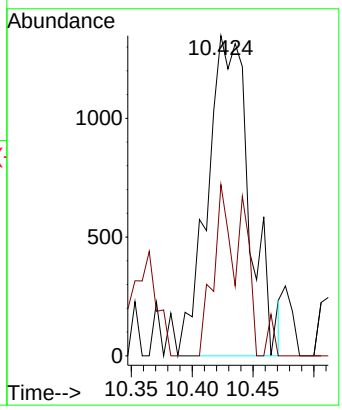


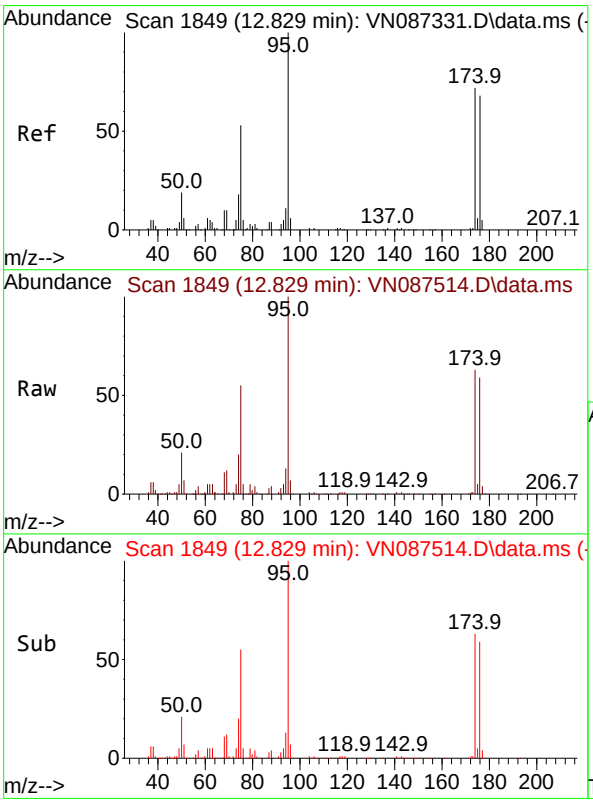
#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 10.424 min Scan# 14
Delta R.T. -0.005 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion: 43 Resp: 3226

Ion	Ratio	Lower	Upper
43	100		
58	23.1	30.8	46.2#

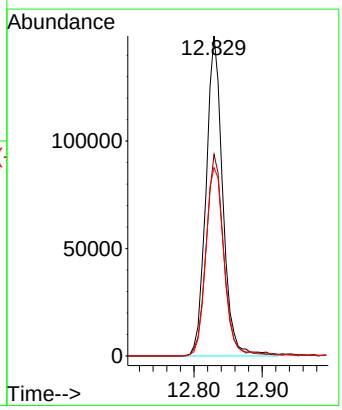


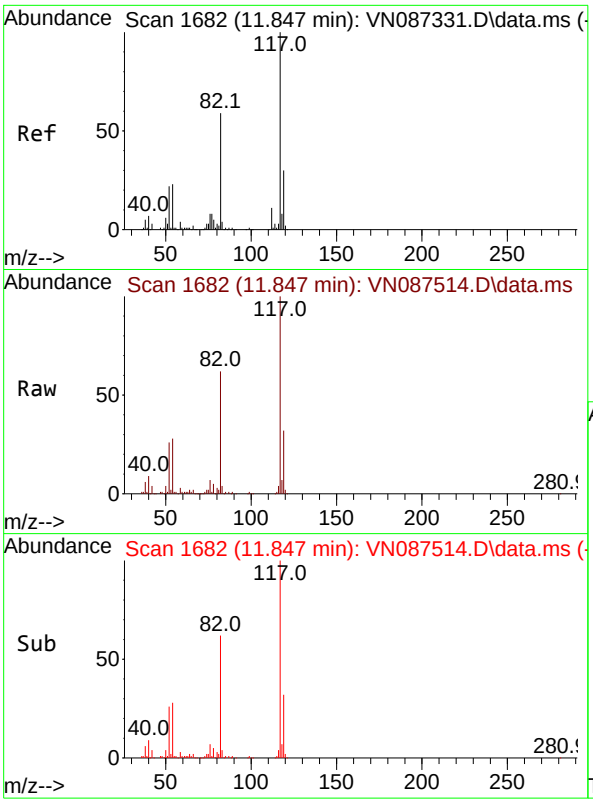


#62
4-Bromofluorobenzene
Concen: 52.360 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion: 95 Resp: 253983

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	149.4
176	64.8	0.0	141.2



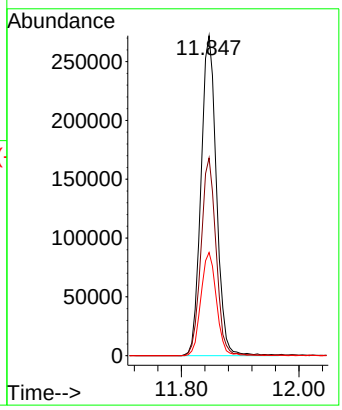


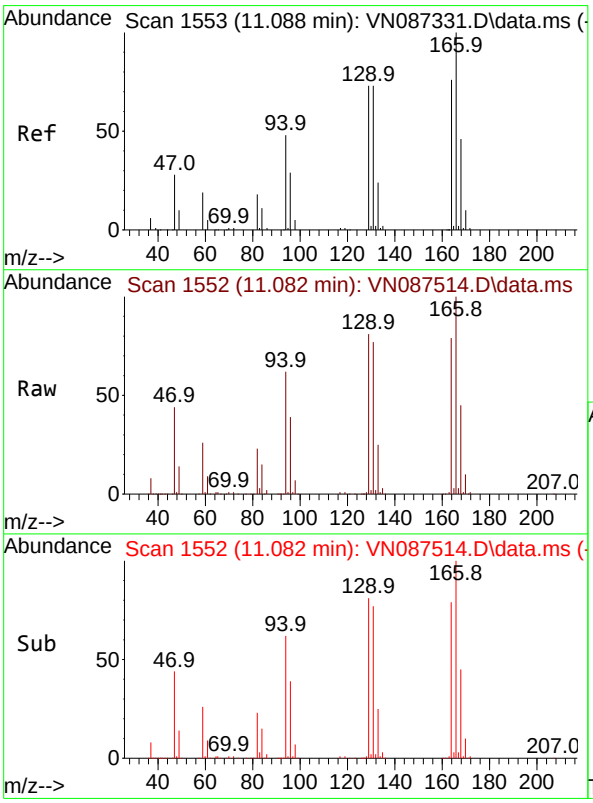
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion:117 Resp: 497794

Ion	Ratio	Lower	Upper
117	100		
82	61.8	47.4	71.2
119	32.2	23.8	35.8

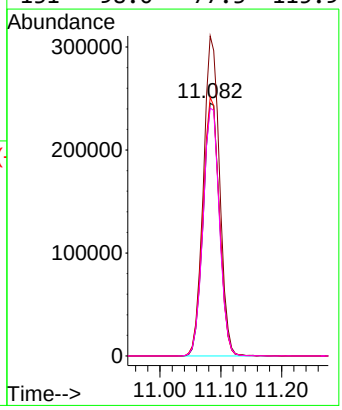


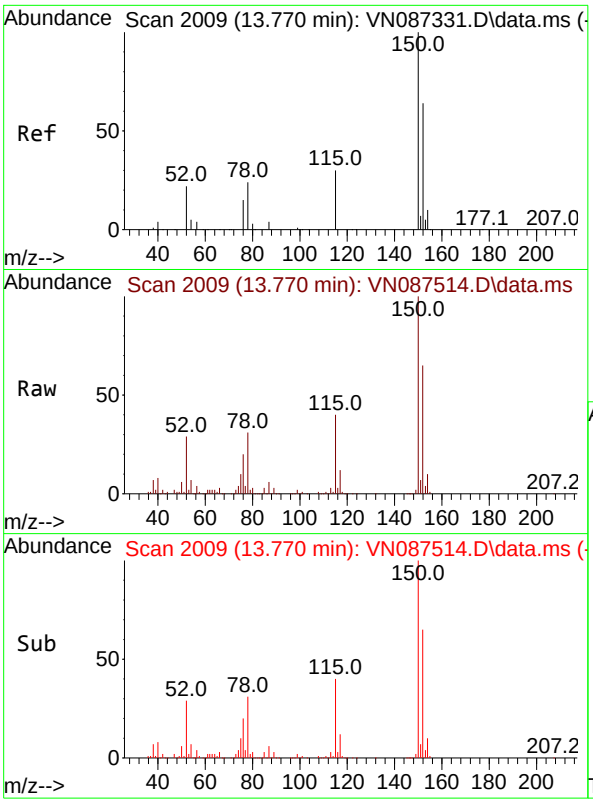


#64
Tetrachloroethene
Concen: 142.664 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Tgt Ion:164 Resp: 457072

Ion	Ratio	Lower	Upper
164	100		
166	126.6	105.5	158.3
129	102.4	77.4	116.2
131	98.0	77.3	115.9



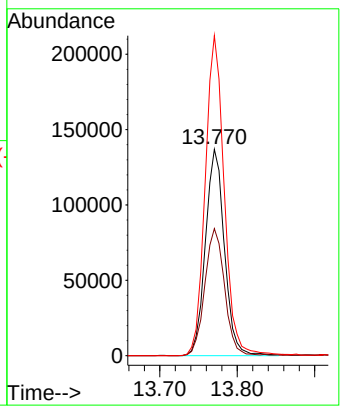


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087514.D
Acq: 12 Aug 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Tgt Ion:152 Resp: 234425

Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.1	93.5
150	155.0	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.865	146	155	164	rBV	151270	353703	8.84%	2.163%
2	4.430	414	421	427	rBV2	15040	42820	1.07%	0.262%
3	4.518	427	436	452	rVB2	153275	473648	11.83%	2.896%
4	4.724	460	471	472	rBV	22065	51936	1.30%	0.318%
5	7.477	926	939	949	rBV3	155499	422239	10.55%	2.582%
6	8.153	1043	1054	1059	rBV	259412	652643	16.31%	3.991%
7	8.206	1059	1063	1074	rVB	364229	810844	20.26%	4.958%
8	8.565	1115	1124	1138	rBV	301945	690358	17.25%	4.221%
9	9.082	1201	1212	1225	rBV	657799	1358657	33.95%	8.307%
10	9.335	1245	1255	1265	rBV	325308	658044	16.44%	4.024%
11	10.365	1421	1430	1447	rBV	146022	340042	8.50%	2.079%
12	10.547	1453	1461	1472	rBV	1027195	1916742	47.89%	11.720%
13	11.082	1540	1552	1562	rBV	2171933	4002146	100.00%	24.471%
14	11.847	1674	1682	1693	rBV	927587	1685623	42.12%	10.307%
15	12.829	1840	1849	1865	rBV	710059	1280416	31.99%	7.829%
16	13.770	2001	2009	2026	rBV	923569	1614985	40.35%	9.875%

Sum of corrected areas: 16354846

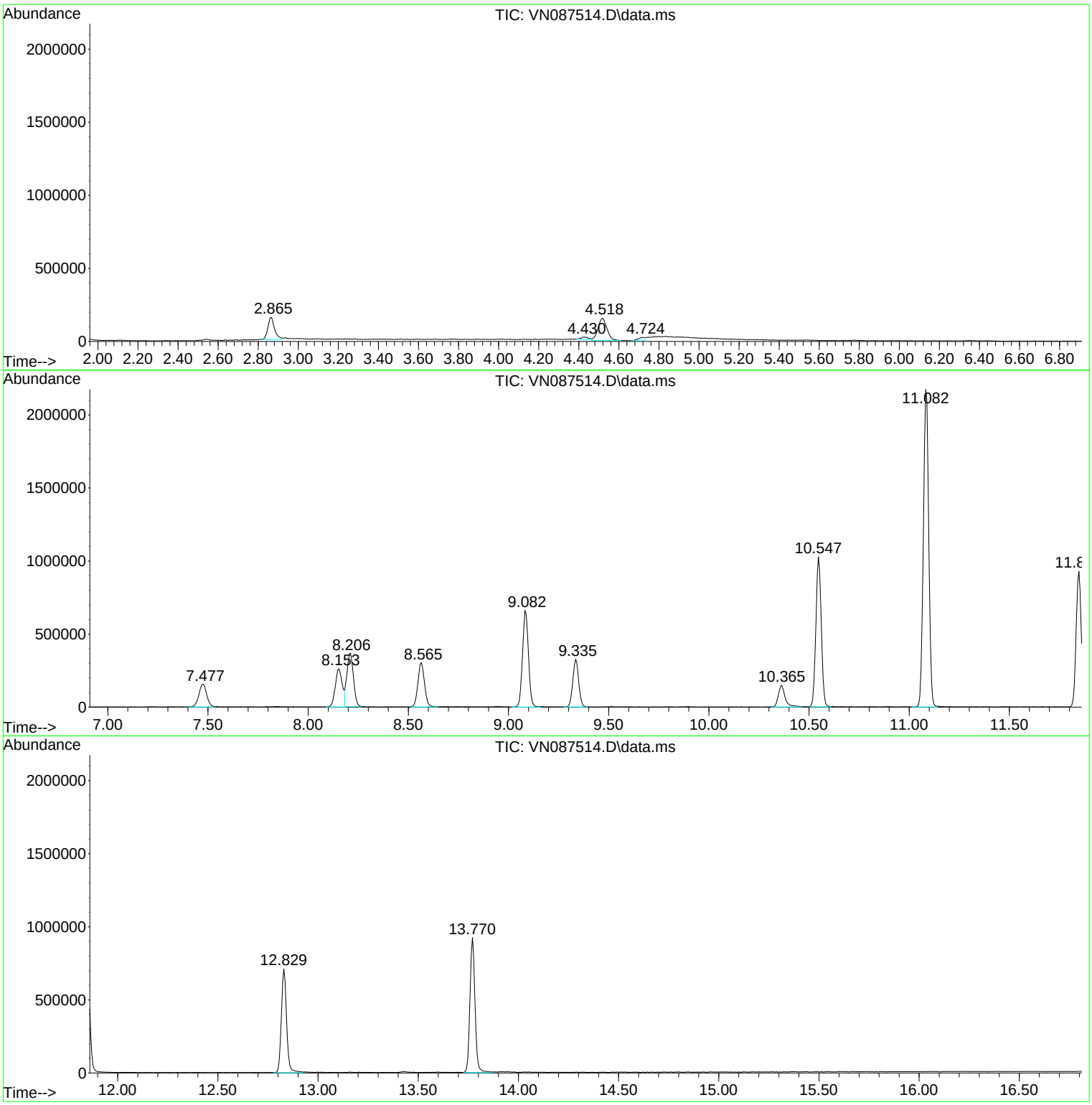
Sample Results: **VN087514.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

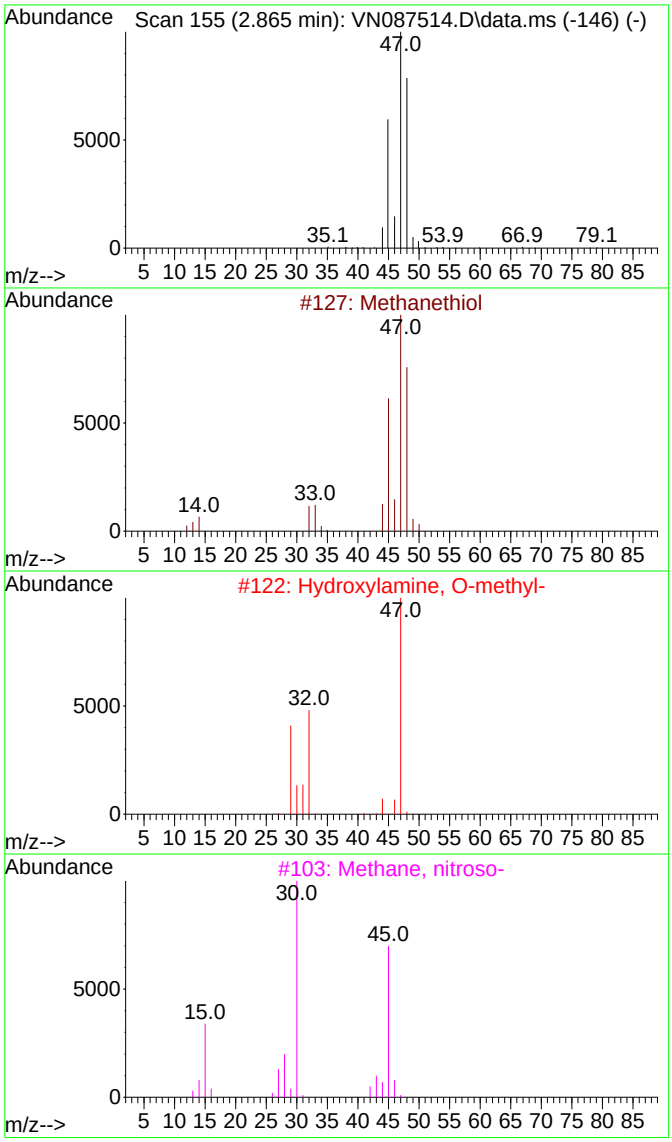
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

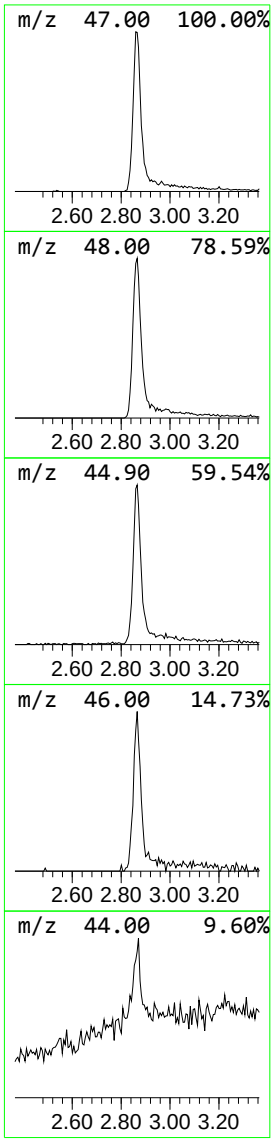
****

Peak Number 1 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.865	21.81 ug/l	353703	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
3	Methane, nitroso-	45	CH3NO	000865-40-7	5
4	Ethanol	46	C2H6O	000064-17-5	4
5	Ethane, fluoro-	48	C2H5F	000353-36-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

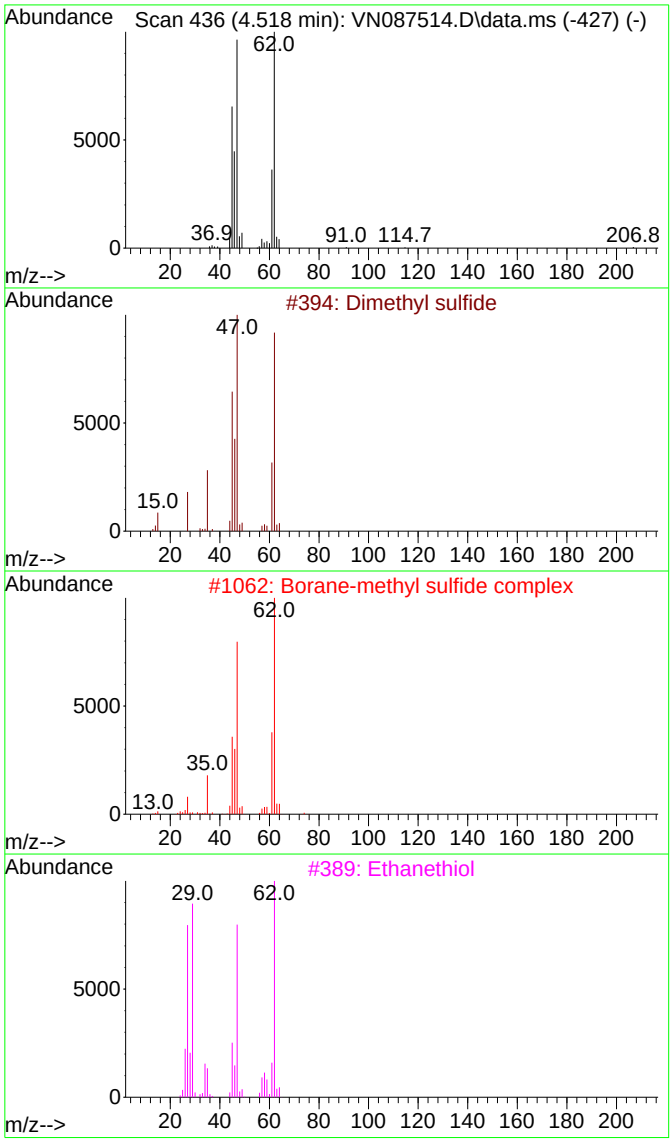
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

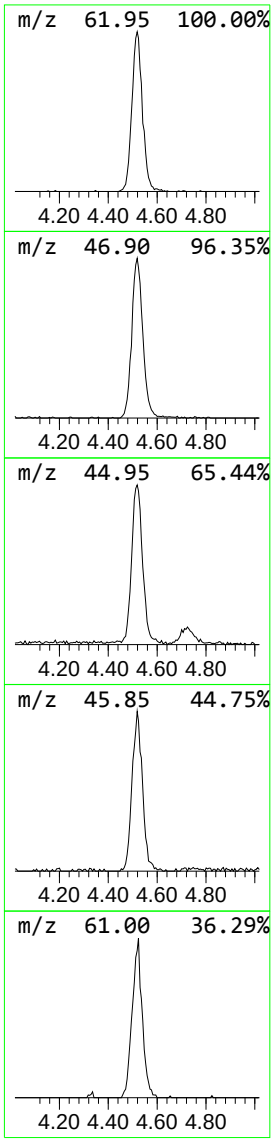
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.518	29.21 ug/l	473648	Pentafluorobenzene	8.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	78
3	Ethanethiol	62	C2H6S	000075-08-1	72
4	Propanoic acid, 2,3-dichloro-	142	C3H4Cl2O2	000565-64-0	33
5	Acetic acid, mercapto-, methyl e...	106	C3H6O2S	002365-48-2	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

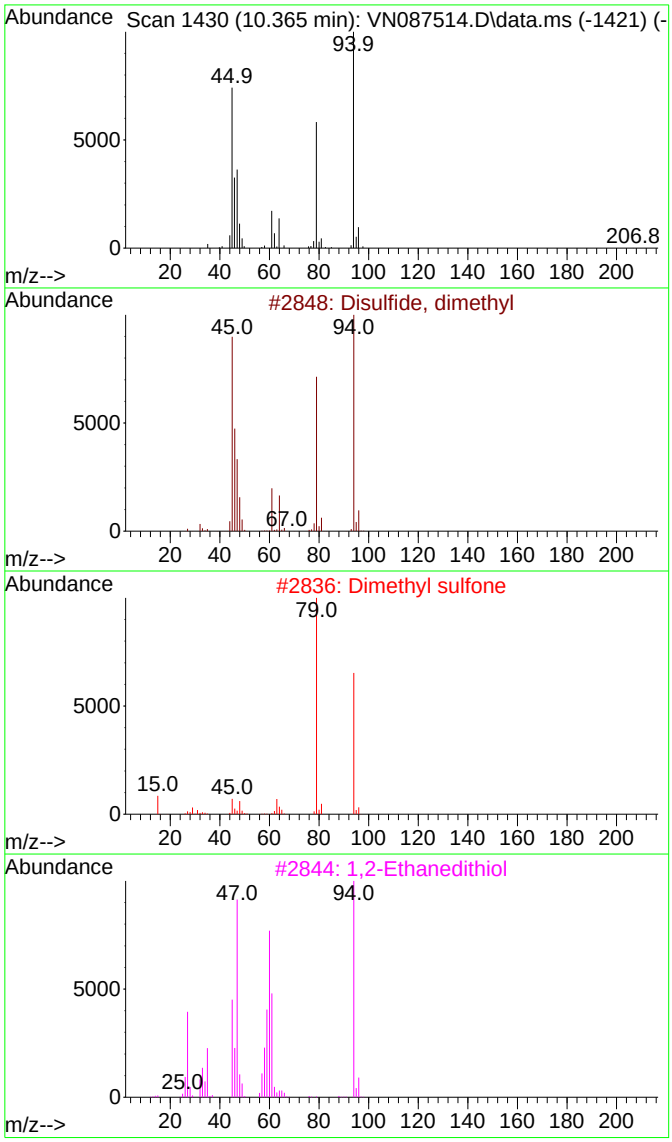
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

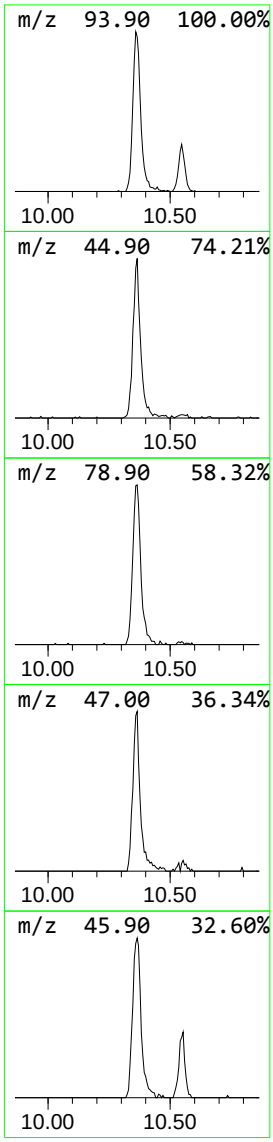
****

Peak Number 3 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.365	12.51 ug/l	340042	1,4-Difluorobenzene	9.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Dimethyl sulfone	94	C2H6O2S	000067-71-0	72
3	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	37
4	2-Hexen-4-yne, 2-methyl-	94	C7H10	058275-93-7	12
5	Chloroformic acid 2-methoxyethyl...	138	C4H7ClO3	1000431-21-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087514.D
Acq On : 12 Aug 2025 15:07
Operator : JC\MD
Sample : Q2816-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1058-MW-11(15)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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
Methanethiol	2.865	21.8	ug/l	353703	1	8.212	810844	50.0
Dimethyl sulfide	4.518	29.2	ug/l	473648	1	8.212	810844	50.0
Disulfide, dime...	10.365	12.5	ug/l	340042	2	9.082	1358660	50.0

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1059-MW-17A(15.5)	SDG No.:	Q2816
Lab Sample ID:	Q2816-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087515.D	1	08/12/25 15:29	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	7.00		0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	14.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	7.40		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	150		0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	26.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1059-MW-17A(15.5)	SDG No.:	Q2816
Lab Sample ID:	Q2816-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087515.D	1	08/12/25 15:29	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	5.00		0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.3		74 - 125	123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	246000	8.212			
540-36-3	1,4-Difluorobenzene	544000	9.083			
3114-55-4	Chlorobenzene-d5	499000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	233000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1059-MW-17A(15.5)	SDG No.:	Q2816
Lab Sample ID:	Q2816-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087515.D	1	08/12/25 15:29	VN081225

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\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Quant Time: Aug 13 03:06:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

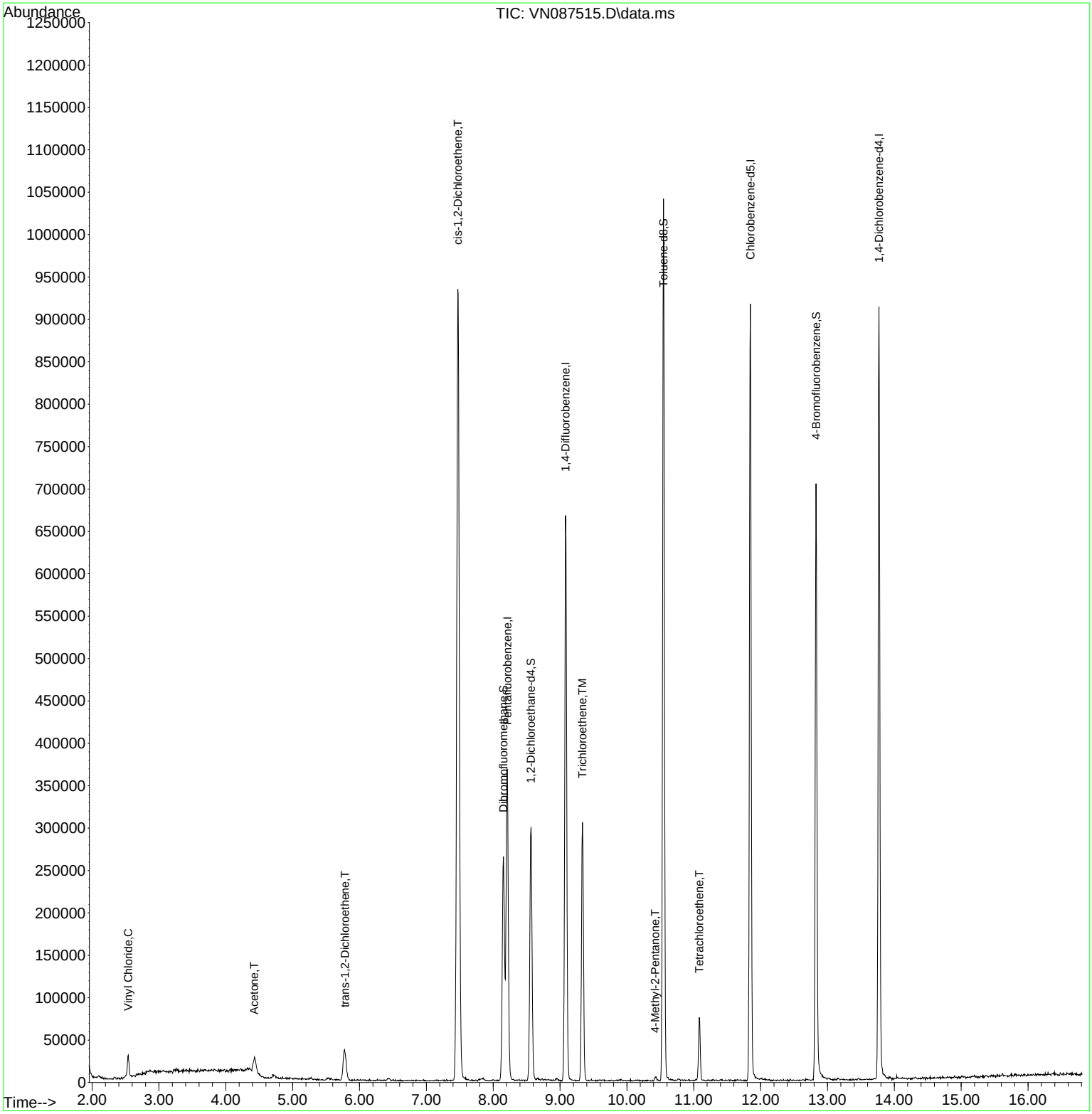
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	245518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.083	114	544156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	499181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	255388	61.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.600%			
35) Dibromofluoromethane	8.153	113	188310	50.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	10.547	98	680121	50.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.829	95	251013	50.743	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.480%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.542	62	22708	6.968	ug/l	98
16) Acetone	4.424	43	29045	14.870	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	23476	7.427	ug/l	86
27) cis-1,2-Dichloroethene	7.471	96	541413	148.782	ug/l	94
44) Trichloroethene	9.335	130	100249	26.470	ug/l	94
51) 4-Methyl-2-Pentanone	10.424	43	3598	0.512	ug/l #	76
64) Tetrachloroethene	11.082	164	16057	4.998	ug/l	90

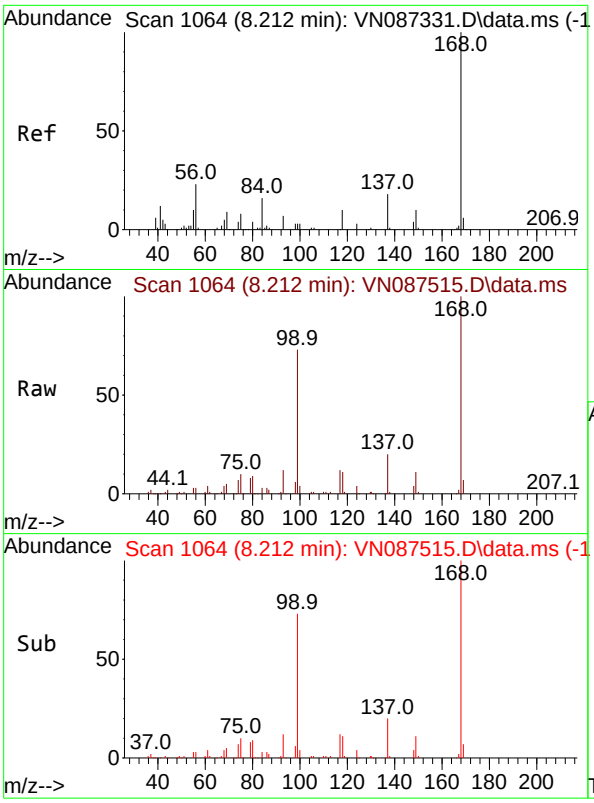
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Quant Time: Aug 13 03:06:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



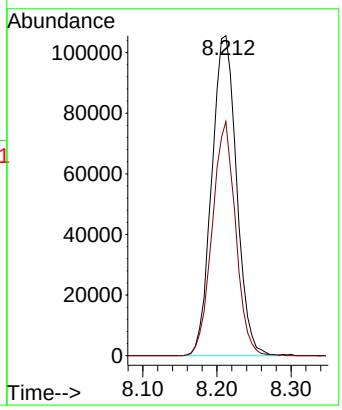


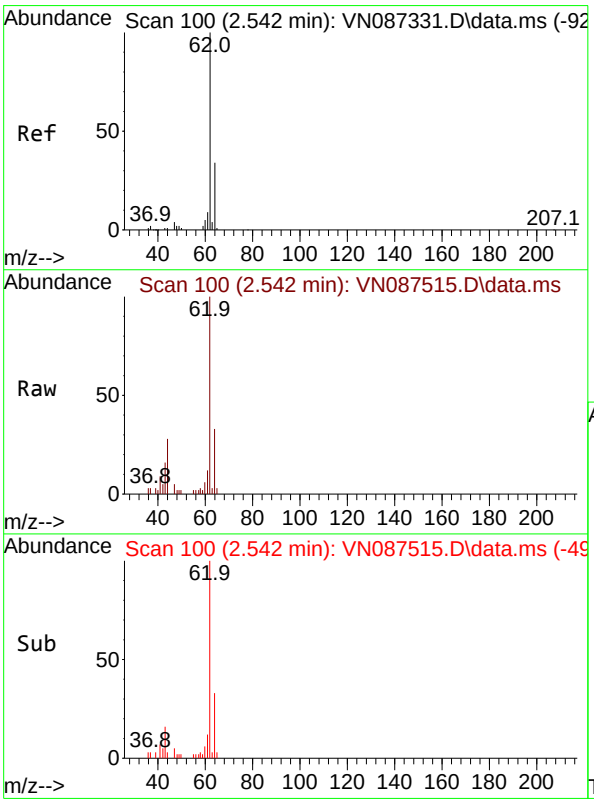
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion:168 Resp: 245518

Ion	Ratio	Lower	Upper
168	100		
99	73.1	47.9	71.9#

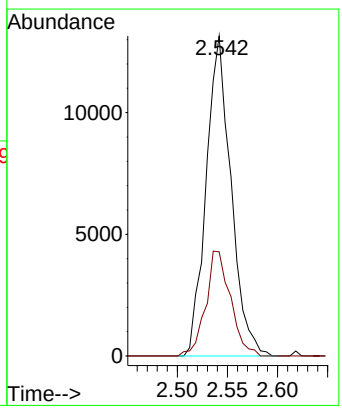


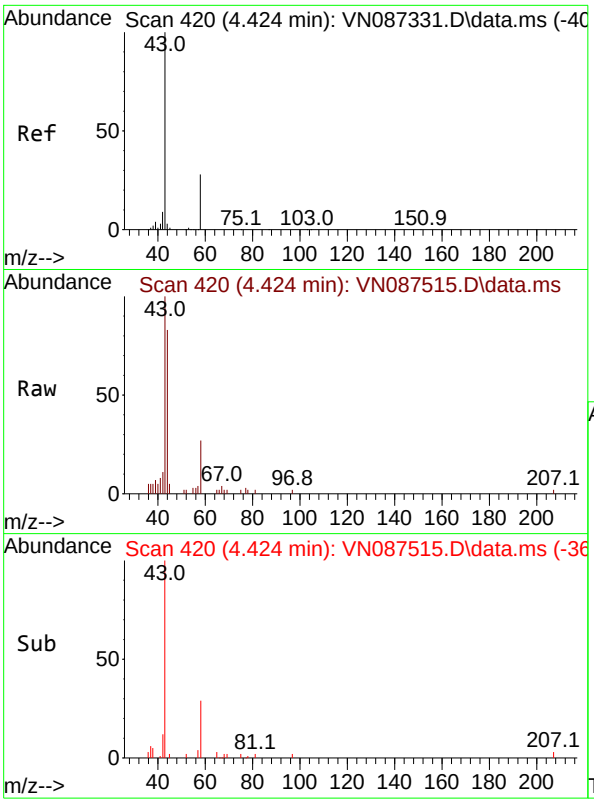


#4
Vinyl Chloride
Concen: 6.968 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 62 Resp: 22708

Ion	Ratio	Lower	Upper
62	100		
64	32.5	27.0	40.6



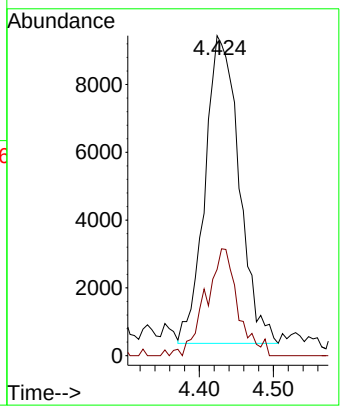


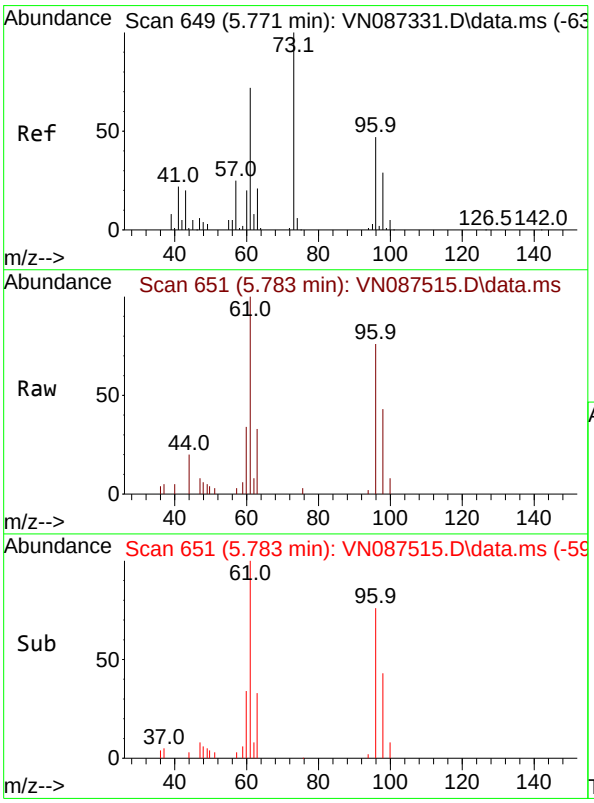
#16
Acetone
Concen: 14.870 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion: 43 Resp: 29045

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5

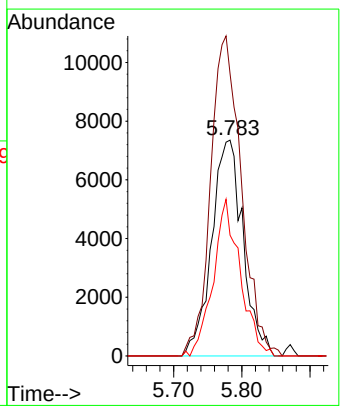


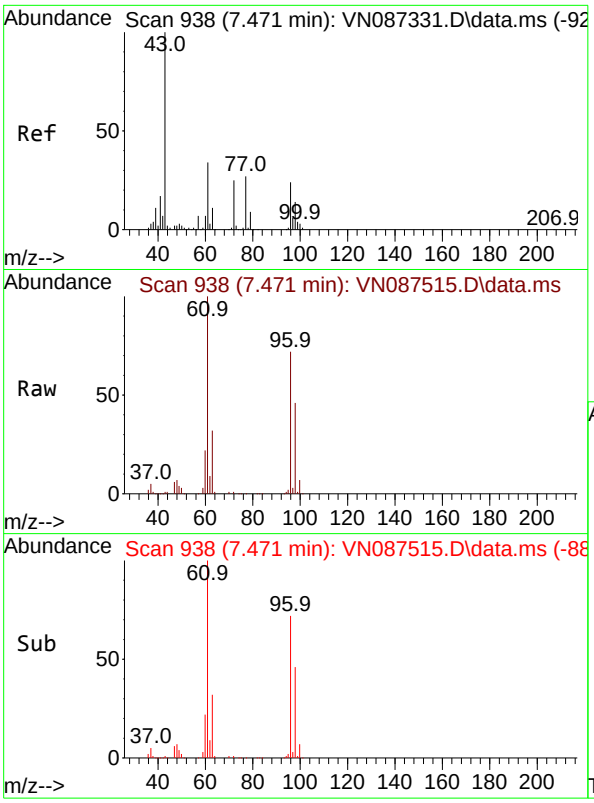


#21
trans-1,2-Dichloroethene
Concen: 7.427 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 96 Resp: 23476

Ion	Ratio	Lower	Upper
96	100		
61	130.9	122.0	183.0
98	56.0	50.0	75.0



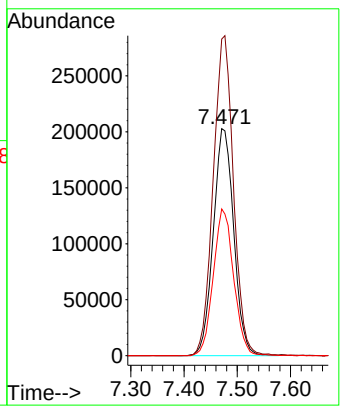


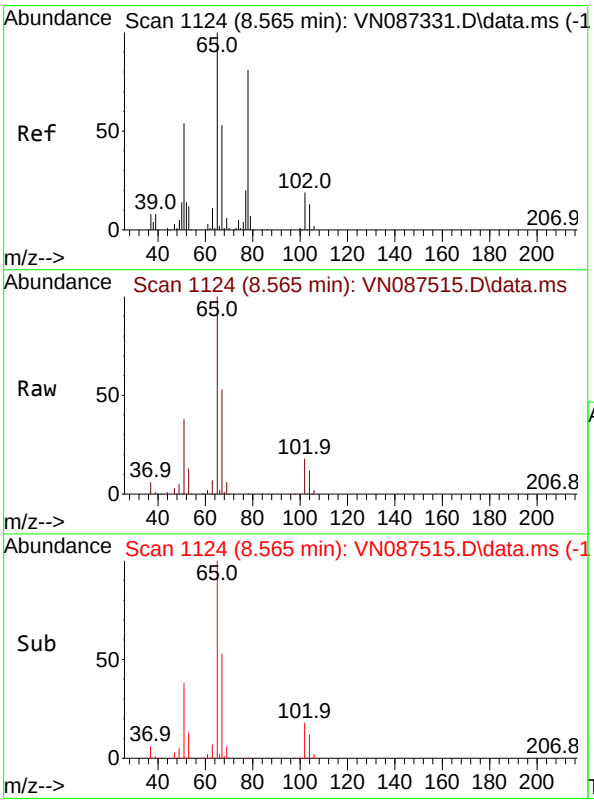
#27
cis-1,2-Dichloroethene
Concen: 148.782 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion: 96 Resp: 541413

Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	297.8
98	64.3	0.0	132.4

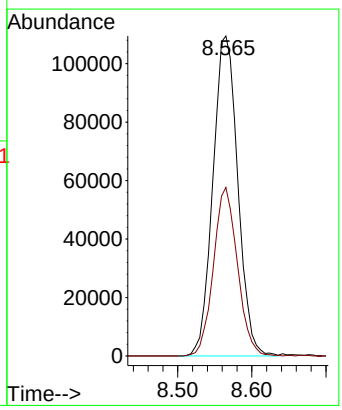


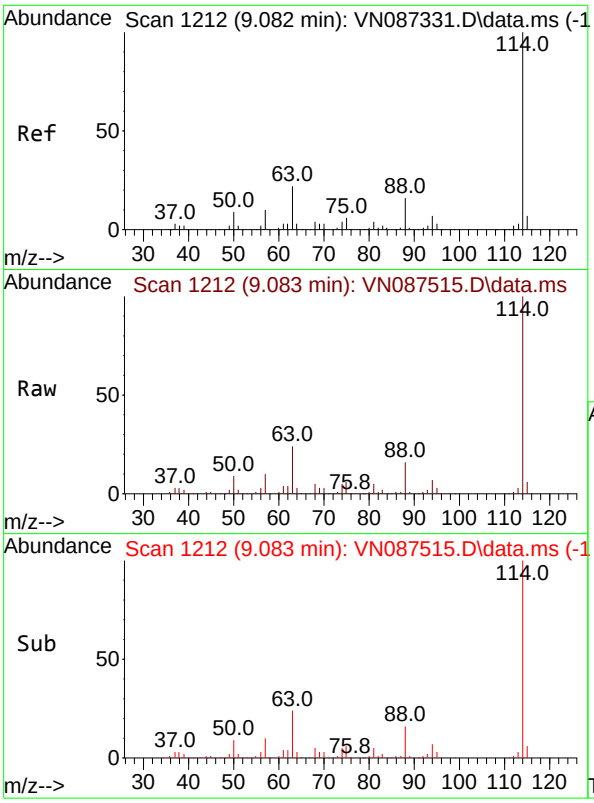


#33
1,2-Dichloroethane-d4
Concen: 61.304 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 65 Resp: 255388

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.0



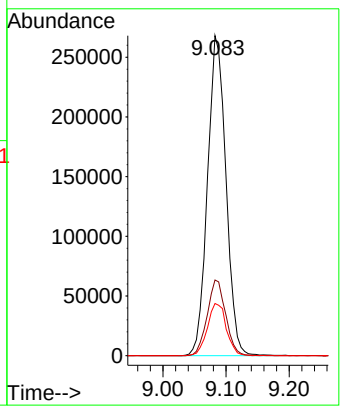


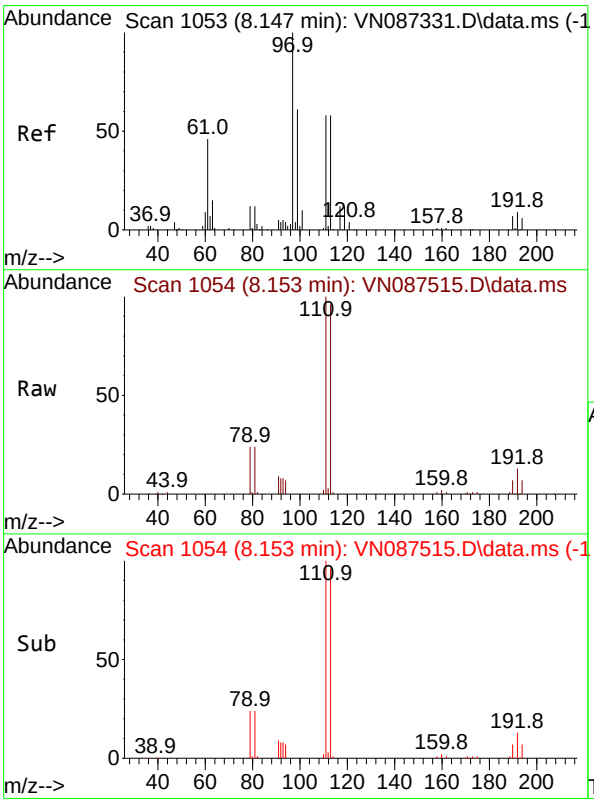
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion:114 Resp: 544156

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	44.6
88	16.3	0.0	32.8

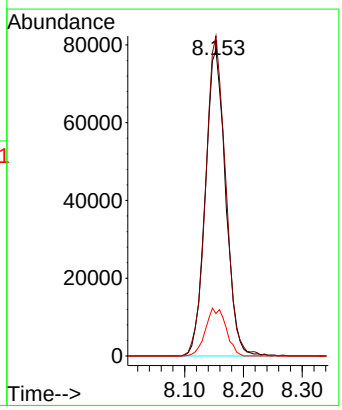


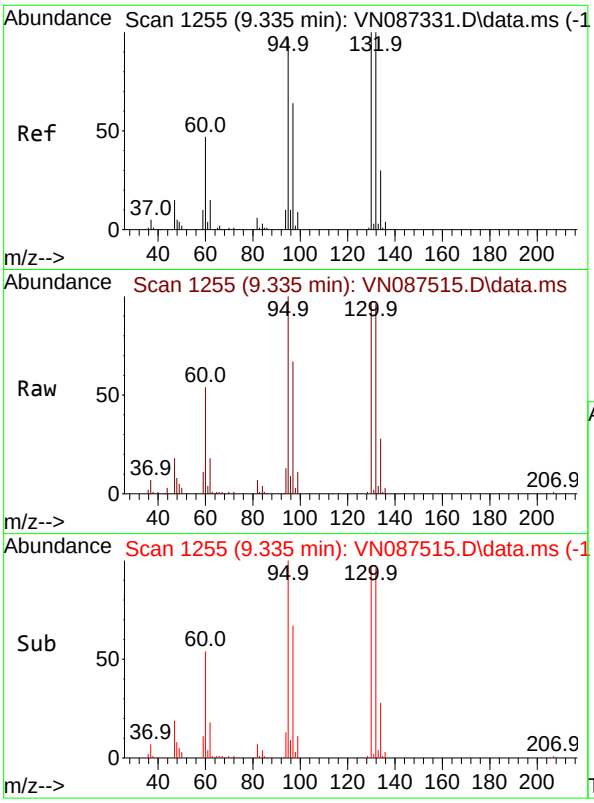


#35
Dibromofluoromethane
Concen: 50.168 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion:113 Resp: 188310

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	15.9	13.7	20.5



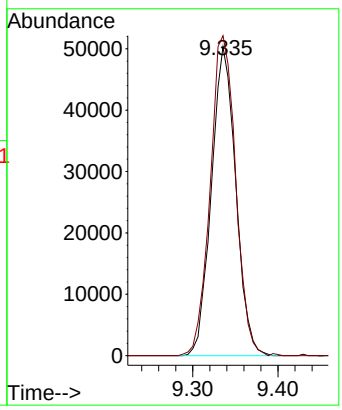


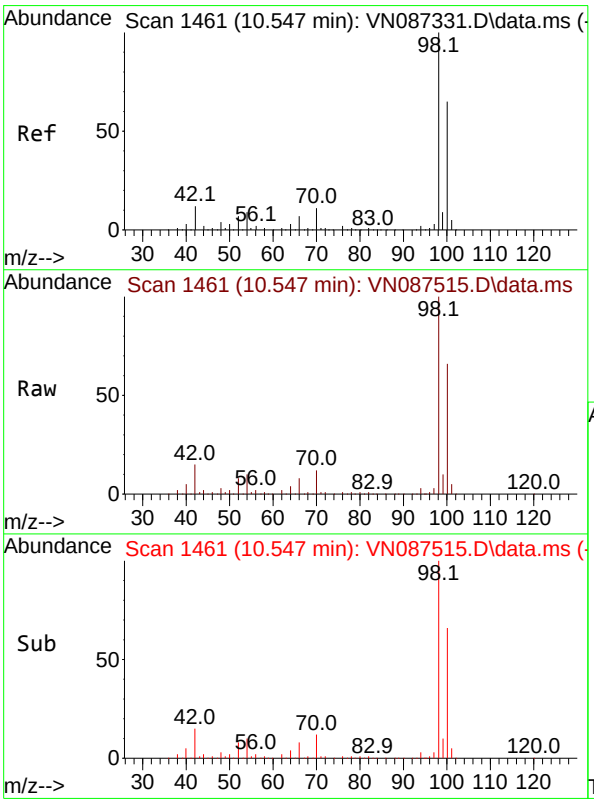
#44
Trichloroethene
Concen: 26.470 ug/l
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion:130 Resp: 100249

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	195.2

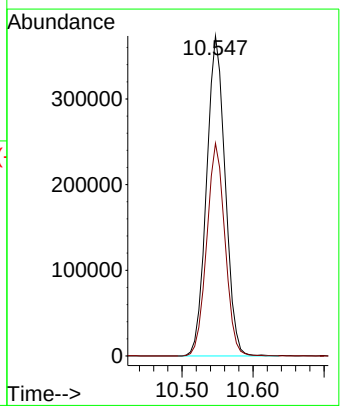


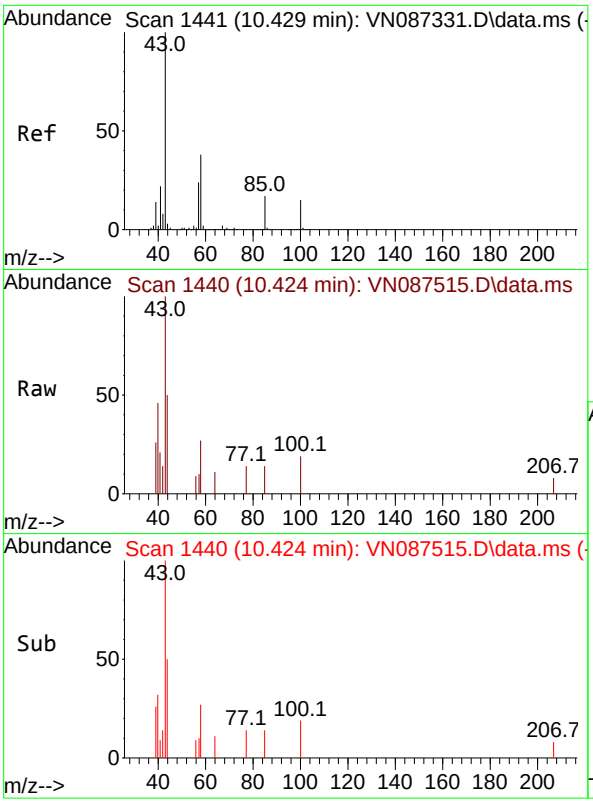


#50
Toluene-d8
Concen: 50.795 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 98 Resp: 680121

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1



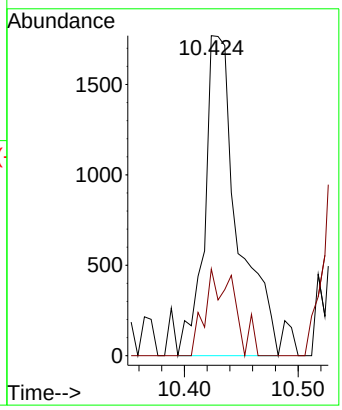


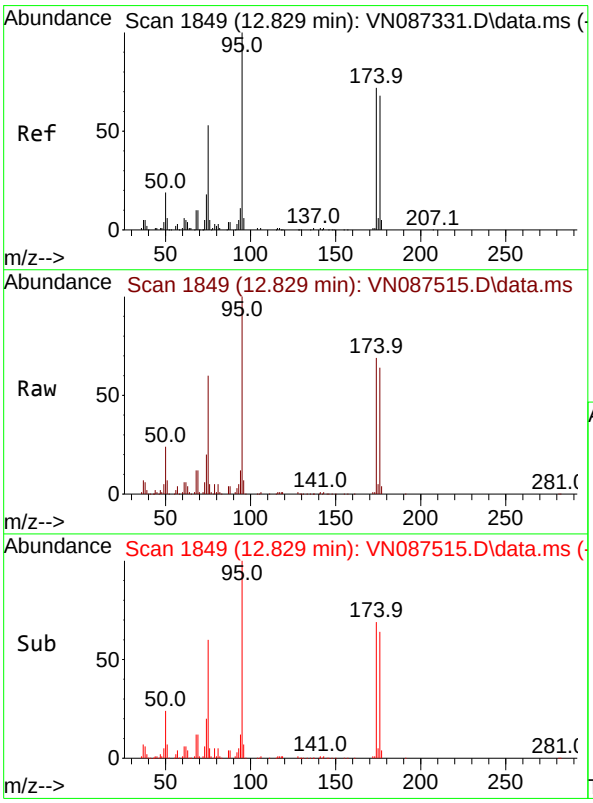
#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 10.424 min Scan# 14
Delta R.T. -0.005 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion: 43 Resp: 3598

Ion	Ratio	Lower	Upper
43	100		
58	24.0	30.8	46.2#

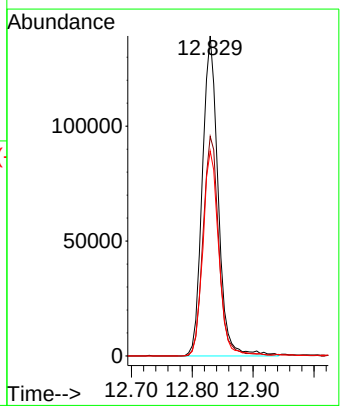


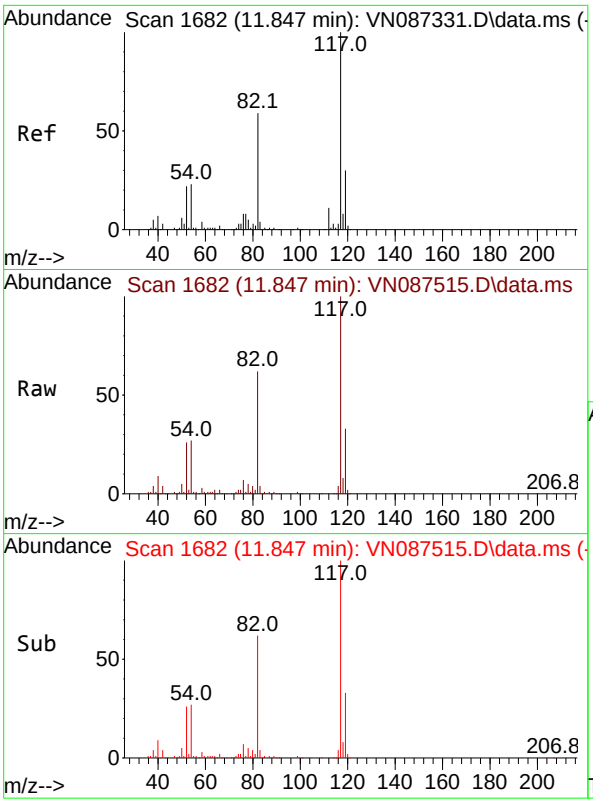


#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion: 95 Resp: 251013

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	149.4
176	64.6	0.0	141.2



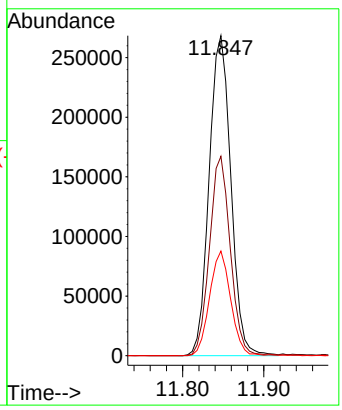


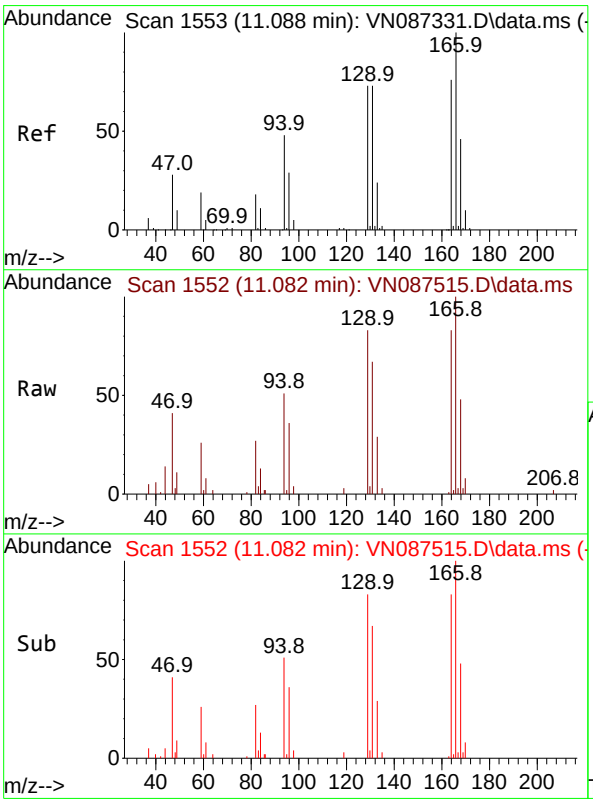
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion:117 Resp: 499181

Ion	Ratio	Lower	Upper
117	100		
82	62.3	47.4	71.2
119	32.7	23.8	35.8

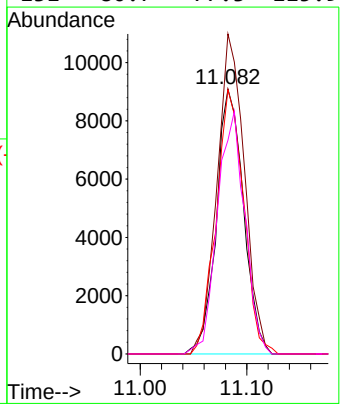


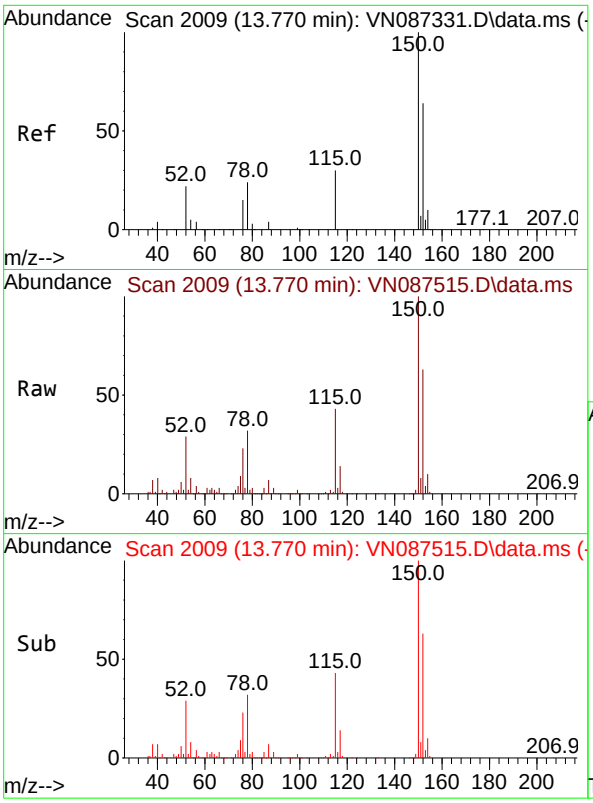


#64
Tetrachloroethene
Concen: 4.998 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Tgt Ion:164 Resp: 16057

Ion	Ratio	Lower	Upper
164	100		
166	120.8	105.5	158.3
129	99.8	77.4	116.2
131	80.7	77.3	115.9



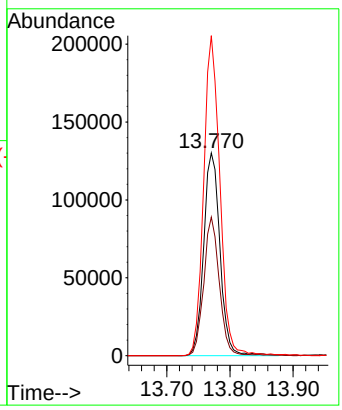


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087515.D
Acq: 12 Aug 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Tgt Ion:152 Resp: 232946

Ion	Ratio	Lower	Upper
152	100		
115	65.6	31.1	93.5
150	157.5	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087515.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	94	100	107	rVB	24491	40822	1.63%	0.302%
2	4.430	414	421	437	rVB3	22684	82379	3.29%	0.609%
3	5.777	638	650	662	rBV3	36385	118104	4.72%	0.873%
4	7.471	926	938	952	rBV	933373	2501177	100.00%	18.485%
5	8.153	1044	1054	1059	rBV	263667	654264	26.16%	4.835%
6	8.206	1059	1063	1076	rVB	366577	819515	32.77%	6.057%
7	8.565	1113	1124	1136	rBV	299034	703907	28.14%	5.202%
8	9.083	1203	1212	1223	rBV	667088	1384580	55.36%	10.233%
9	9.335	1246	1255	1265	rBV	305203	626125	25.03%	4.627%
10	10.547	1452	1461	1470	rBV	1040570	1907705	76.27%	14.099%
11	11.082	1545	1552	1559	rBV3	73779	132902	5.31%	0.982%
12	11.847	1672	1682	1694	rBV	916586	1695465	67.79%	12.531%
13	12.829	1842	1849	1862	rBV	703256	1262869	50.49%	9.333%
14	13.770	2001	2009	2021	rBV	910360	1600852	64.00%	11.831%

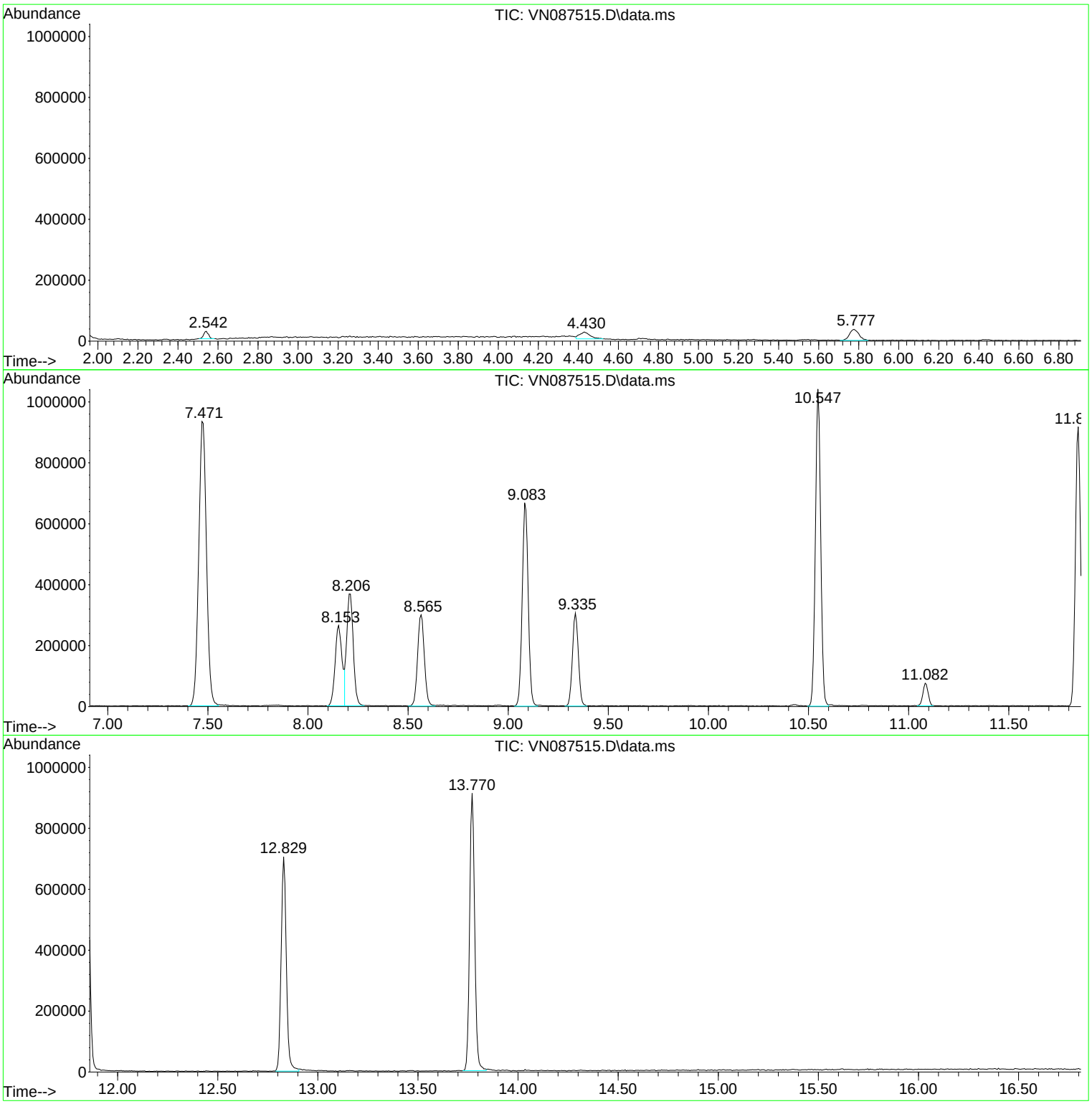
Sum of corrected areas: 13530666

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087515.D
Acq On : 12 Aug 2025 15:29
Operator : JC\MD
Sample : Q2816-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1059-MW-17A(15.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1060-FB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087533.D	1	08/13/25 14:29	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	UQ	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	15.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	UQ	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	UQ	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1060-FB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087533.D	1	08/13/25 14:29	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.2		74 - 125	124%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	222000	8.212			
540-36-3	1,4-Difluorobenzene	492000	9.082			
3114-55-4	Chlorobenzene-d5	451000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.77			

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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1060-FB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087533.D	1	08/13/25 14:29	VN081325

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\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Time: Aug 14 04:00:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

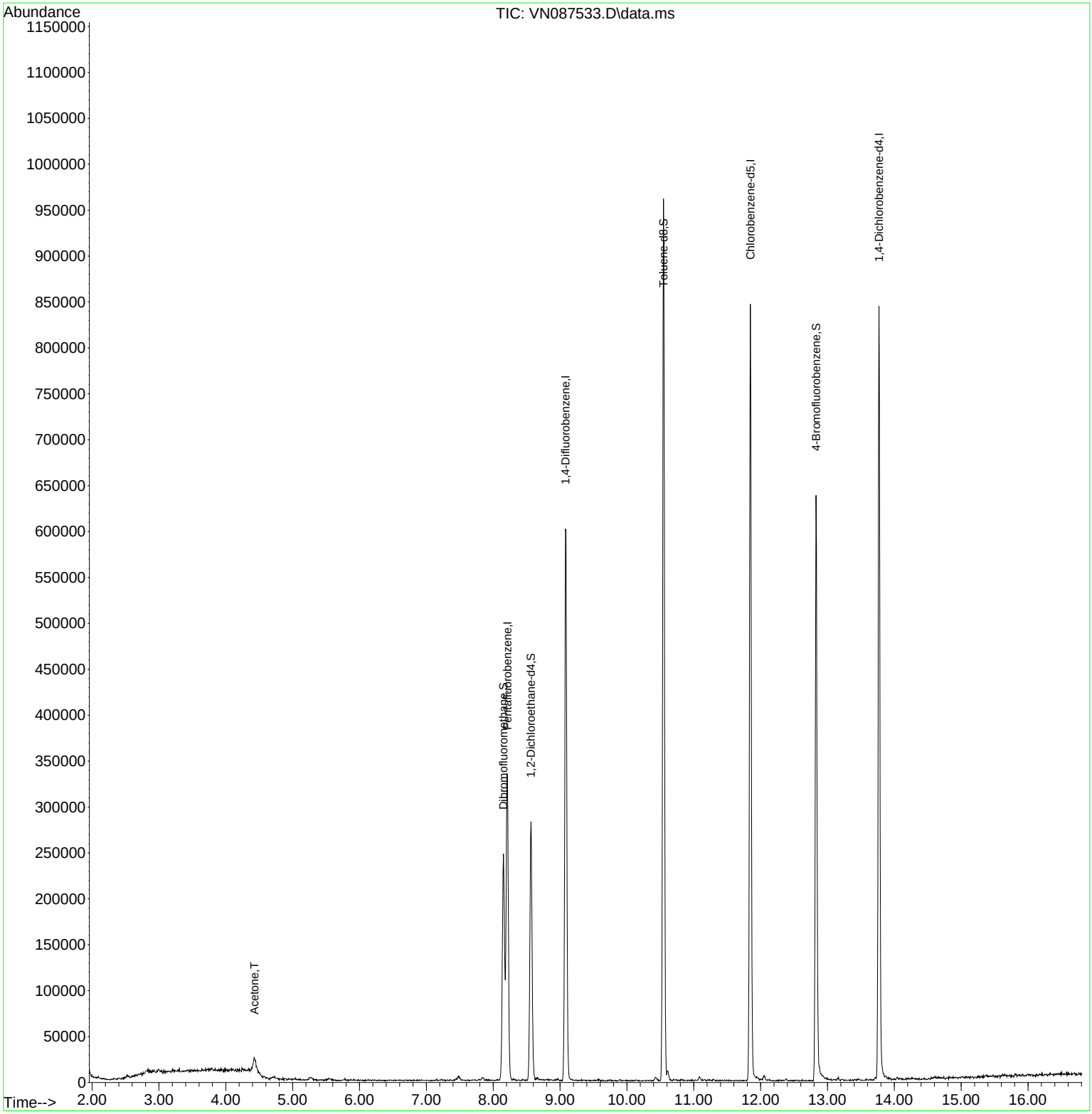
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	221955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	492245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	450681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	234128	62.167	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.340%			
35) Dibromofluoromethane	8.153	113	168497	49.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.240%			
50) Toluene-d8	10.547	98	629280	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.829	95	225507	50.394	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.780%			
Target Compounds						Qvalue
16) Acetone	4.430	43	27489	15.567	ug/l	97

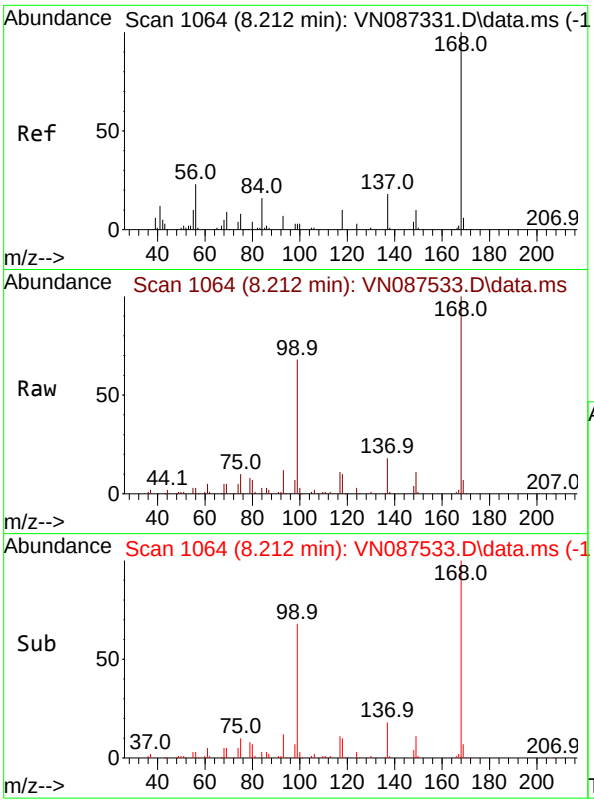
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Time: Aug 14 04:00:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



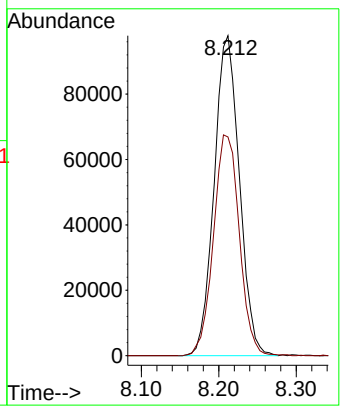


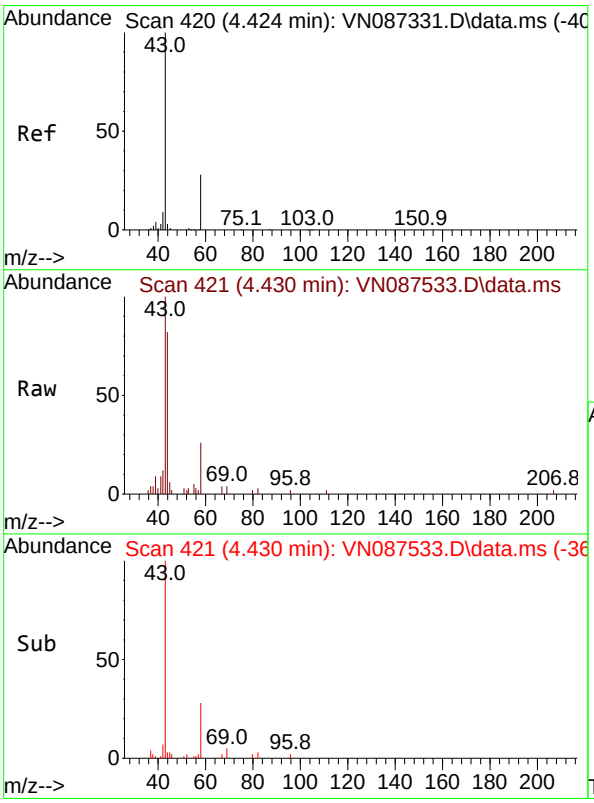
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Tgt Ion:168 Resp: 221955

Ion	Ratio	Lower	Upper
168	100		
99	68.3	47.9	71.9

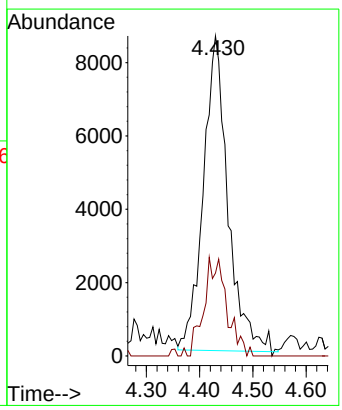


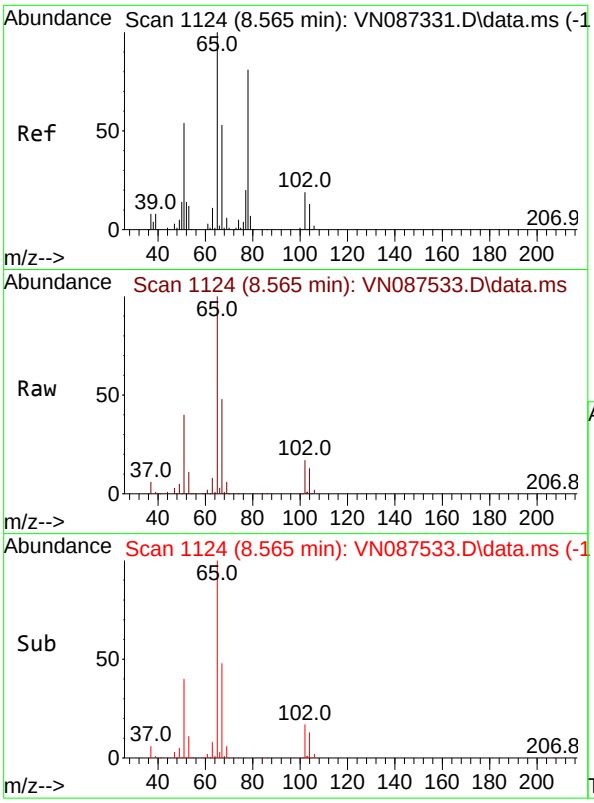


#16
Acetone
Concen: 15.567 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Tgt Ion: 43 Resp: 27489

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.3	33.5



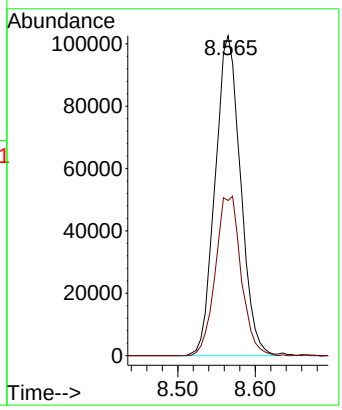


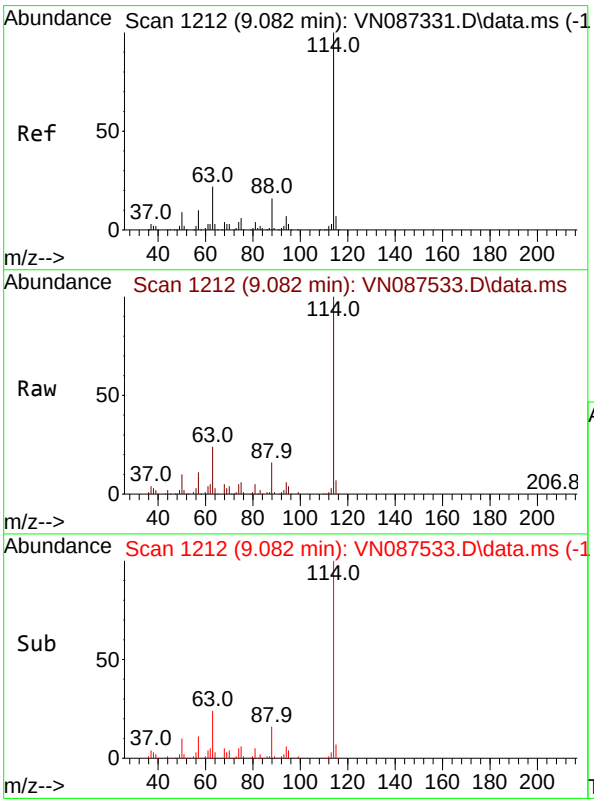
#33
1,2-Dichloroethane-d4
Concen: 62.167 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Tgt Ion: 65 Resp: 234128

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.0

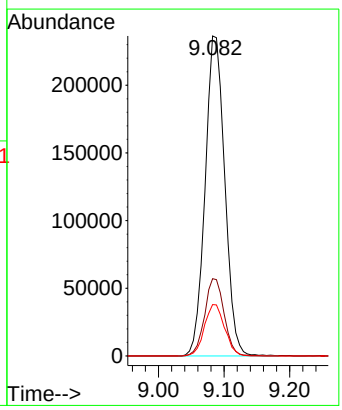


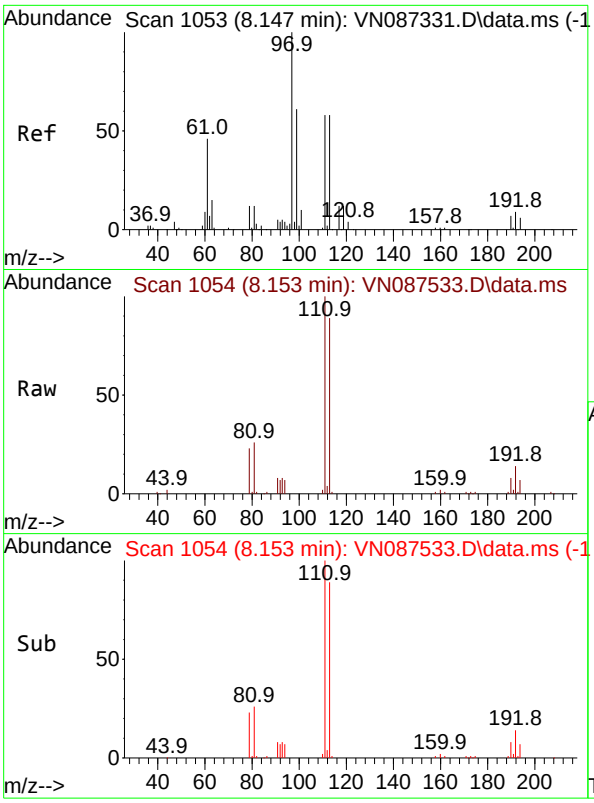


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Tgt Ion:114 Resp: 492245

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	44.6
88	16.1	0.0	32.8



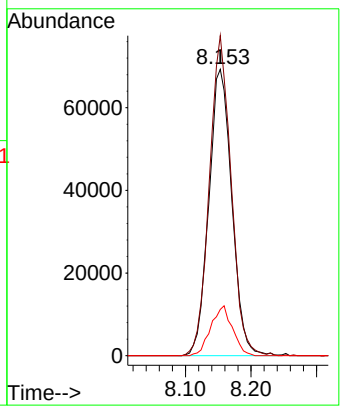


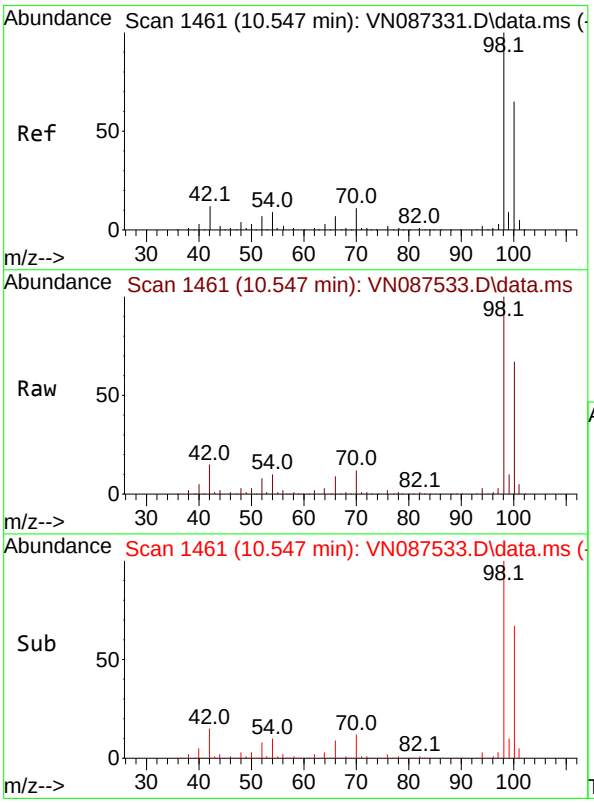
#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Tgt Ion:113 Resp: 168497

Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.5	123.7
192	16.4	13.7	20.5

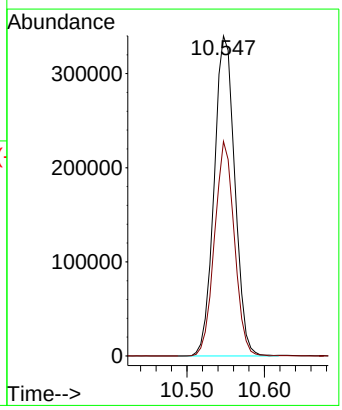


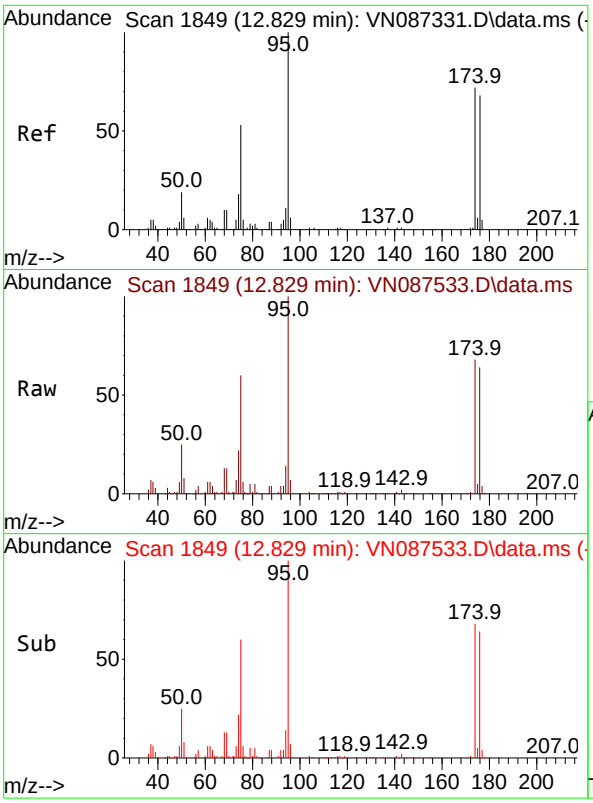


#50
Toluene-d8
Concen: 51.954 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Tgt Ion: 98 Resp: 629280

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



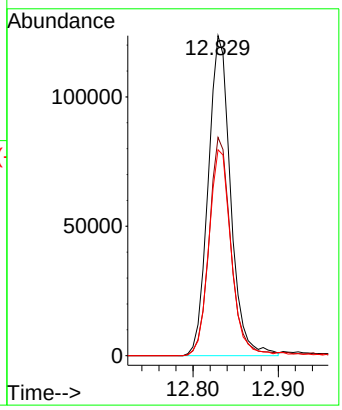


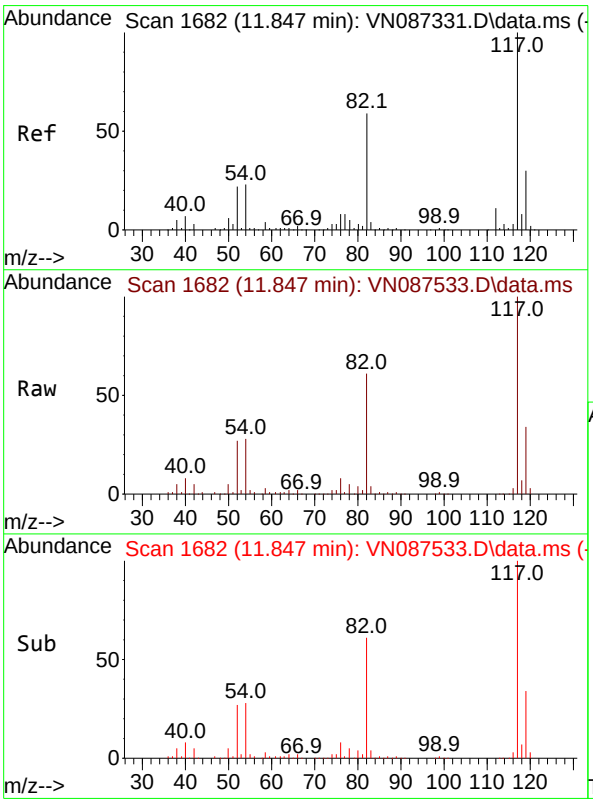
#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Tgt Ion: 95 Resp: 225507

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	149.4
176	64.0	0.0	141.2

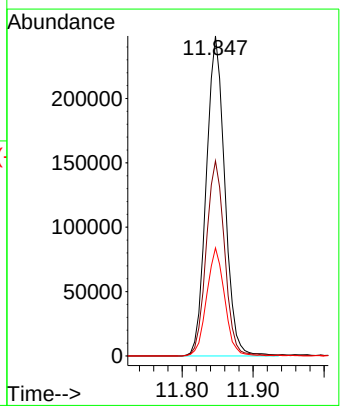


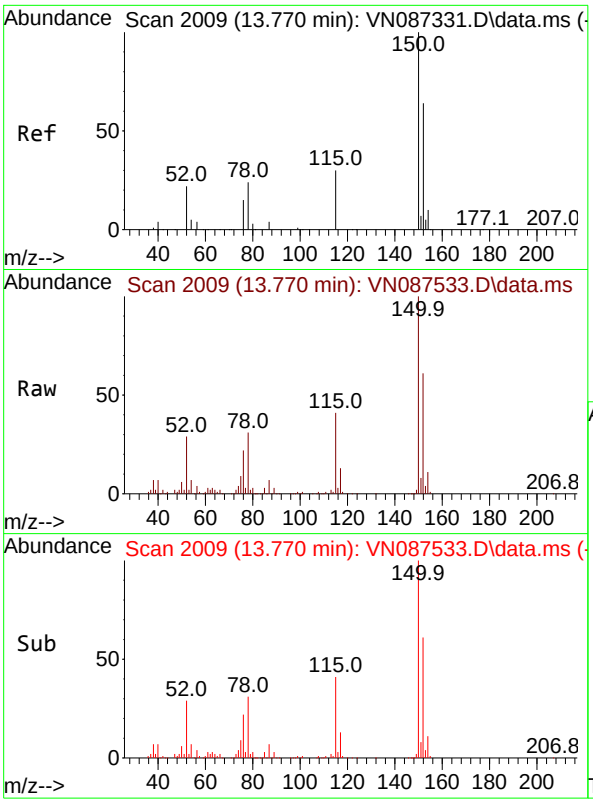


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Tgt Ion:117 Resp: 450681

Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.4	71.2
119	33.7	23.8	35.8



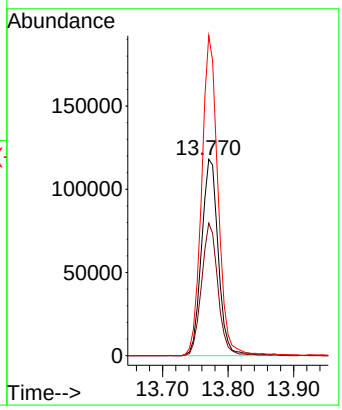


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087533.D
Acq: 13 Aug 2025 14:29

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Tgt Ion:152 Resp: 210279

Ion	Ratio	Lower	Upper
152	100		
115	65.9	31.1	93.5
150	159.1	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.424	412	420	423	rBV2	14224	31531	1.78%	0.342%
2	8.153	1043	1054	1059	rBV2	246555	601635	34.02%	6.526%
3	8.206	1059	1063	1075	rVB	333666	751105	42.47%	8.147%
4	8.565	1115	1124	1135	rBV2	281945	643164	36.36%	6.976%
5	9.082	1204	1212	1225	rBV	600903	1259014	71.19%	13.656%
6	10.547	1452	1461	1469	rBV	960585	1768638	100.00%	19.184%
7	10.606	1469	1471	1478	rVB3	10279	18707	1.06%	0.203%
8	11.847	1673	1682	1697	rBV	845741	1549004	87.58%	16.802%
9	12.829	1842	1849	1861	rBV	637692	1138786	64.39%	12.352%
10	13.770	2002	2009	2023	rBV	841153	1457598	82.41%	15.810%

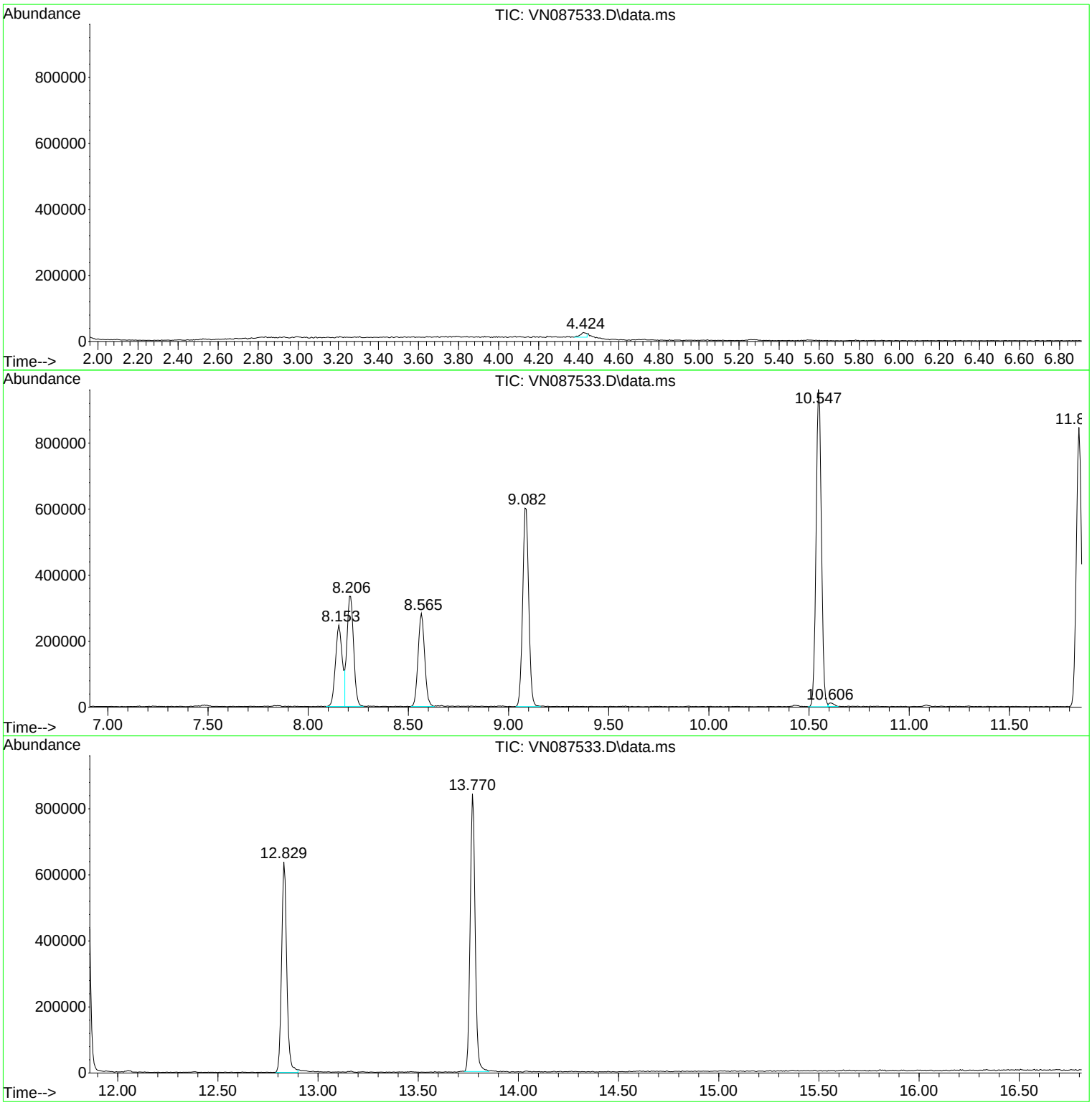
Sum of corrected areas: 9219182

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087533.D
Acq On : 13 Aug 2025 14:29
Operator : JC\MD
Sample : Q2816-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1060-FB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1061-TB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087517.D	1	08/12/25 16:13	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1061-TB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087517.D	1	08/12/25 16:13	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.5		74 - 125	121%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	237000	8.212			
540-36-3	1,4-Difluorobenzene	521000	9.082			
3114-55-4	Chlorobenzene-d5	471000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1061-TB080725	SDG No.:	Q2816
Lab Sample ID:	Q2816-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087517.D	1	08/12/25 16:13	VN081225

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Quant Time: Aug 13 03:06:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	236735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	521055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	471277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	242926	60.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.960%			
35) Dibromofluoromethane	8.153	113	180468	50.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	10.547	98	657992	51.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.829	95	240314	50.734	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.460%			

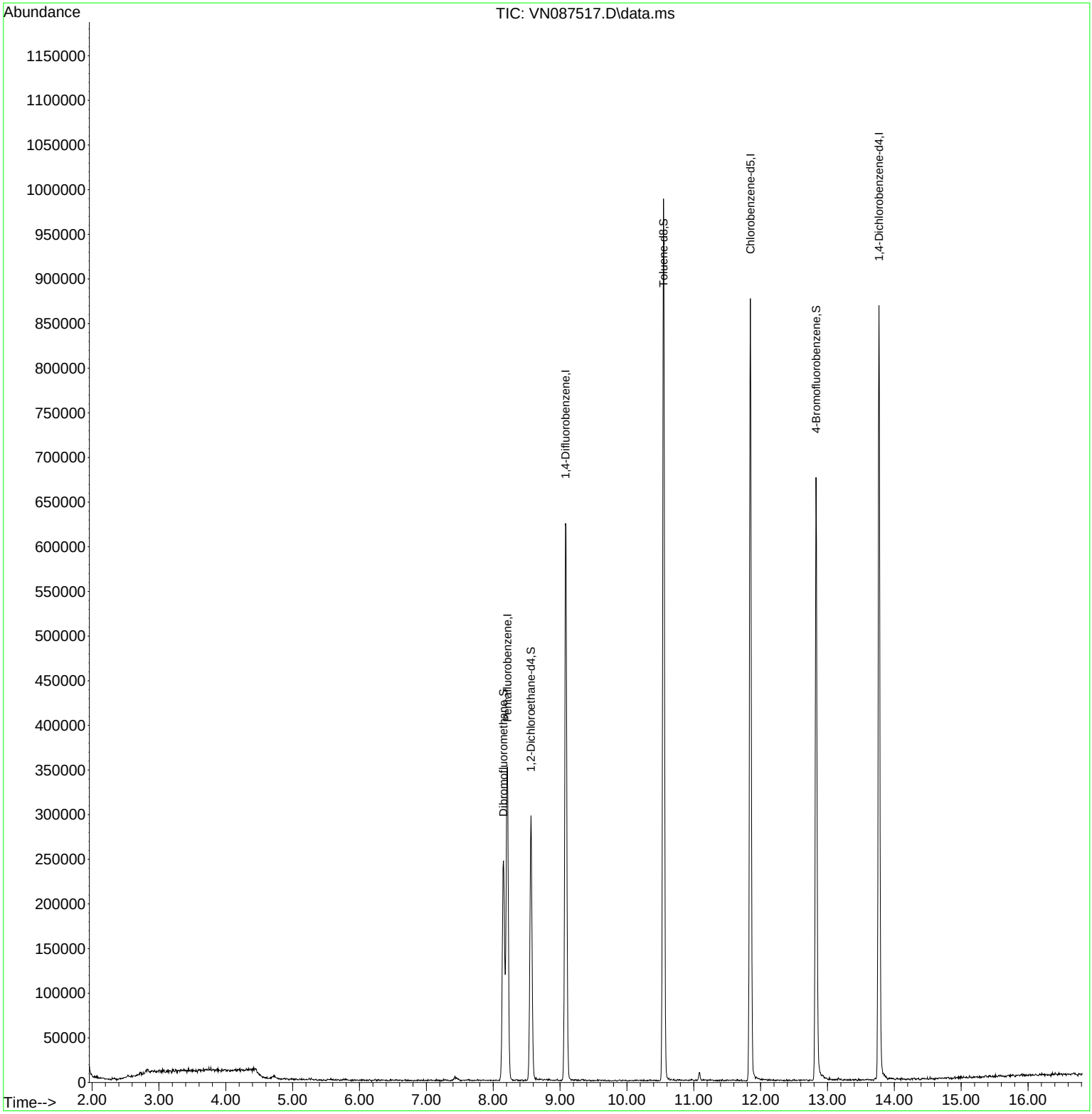
Target Compounds Qvalue

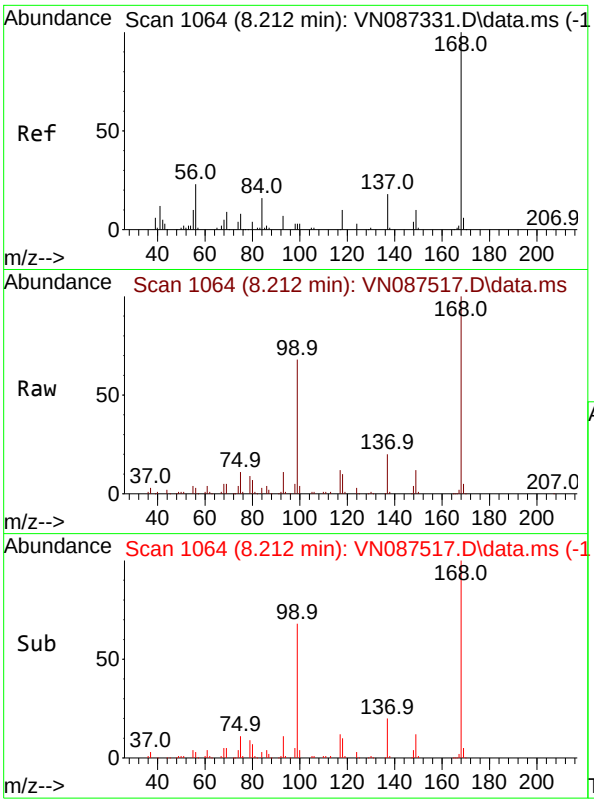
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Quant Time: Aug 13 03:06:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



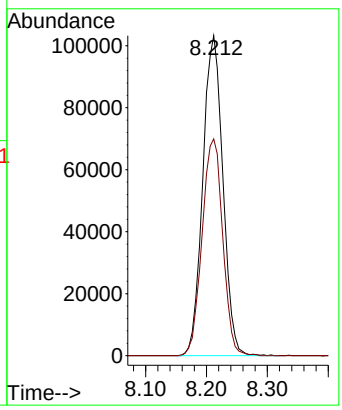


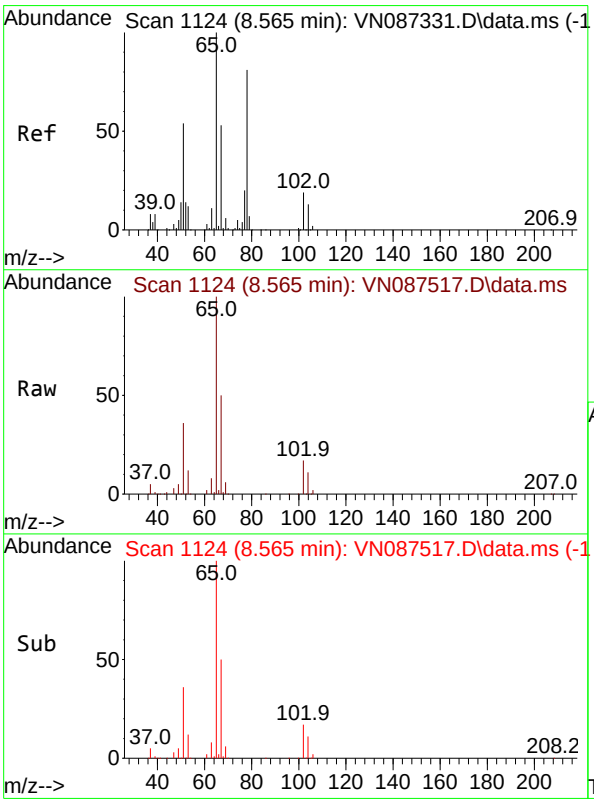
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Tgt Ion:168 Resp: 236735

Ion	Ratio	Lower	Upper
168	100		
99	67.7	47.9	71.9

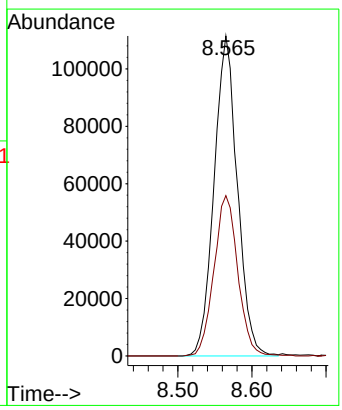


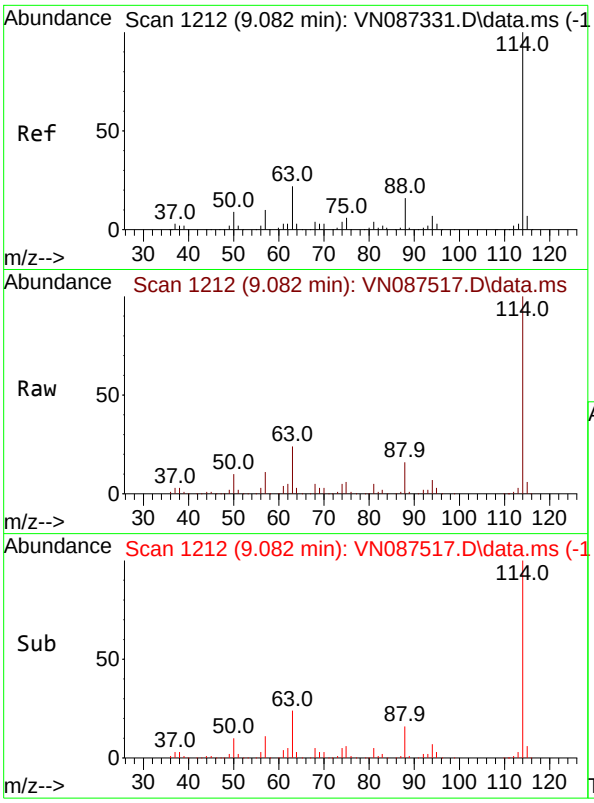


#33
1,2-Dichloroethane-d4
Concen: 60.476 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Tgt Ion: 65 Resp: 242926

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0



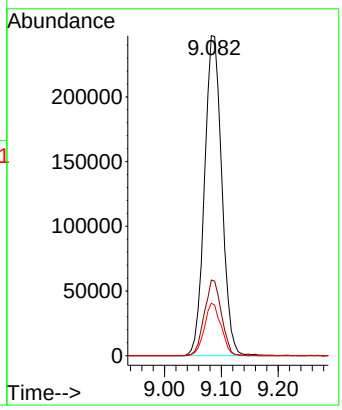


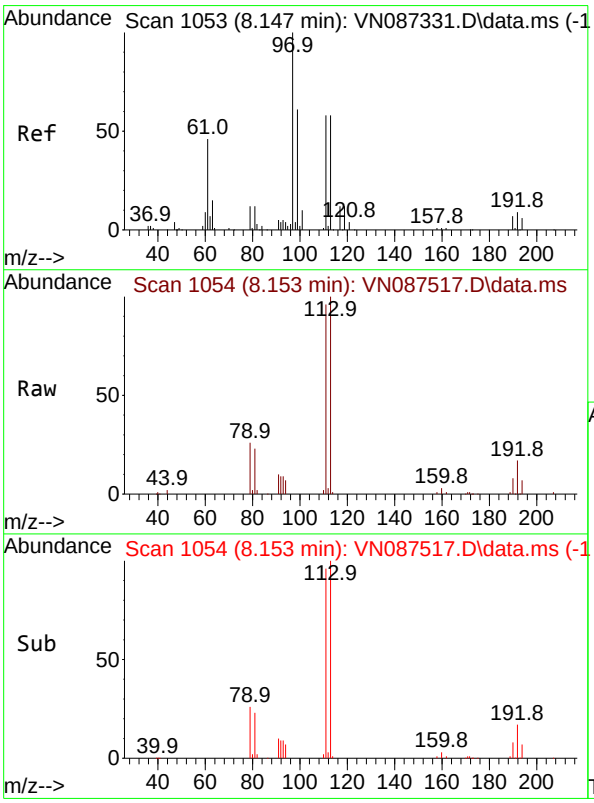
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Tgt Ion:114 Resp: 521055

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	44.6
88	16.4	0.0	32.8

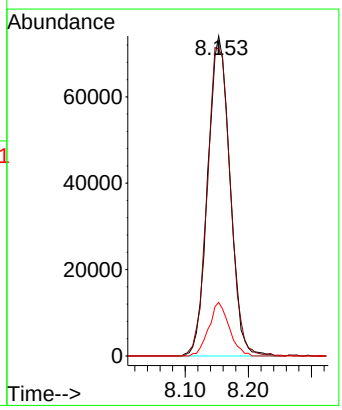


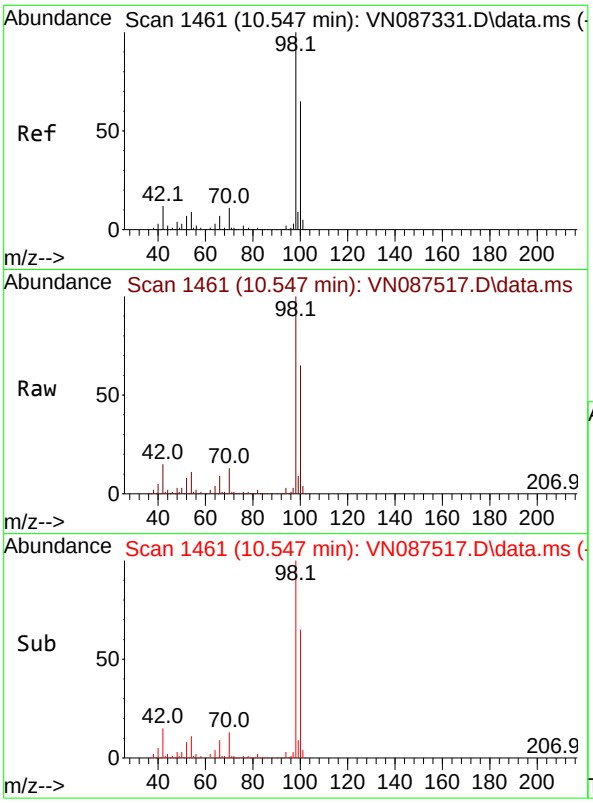


#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Tgt Ion:113 Resp: 180468

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.5	123.7
192	15.4	13.7	20.5



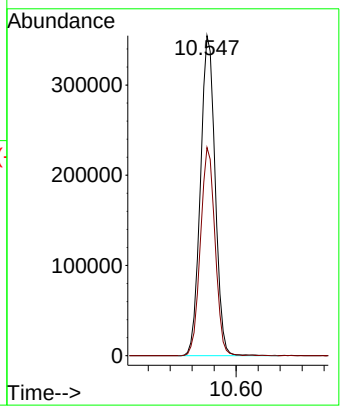


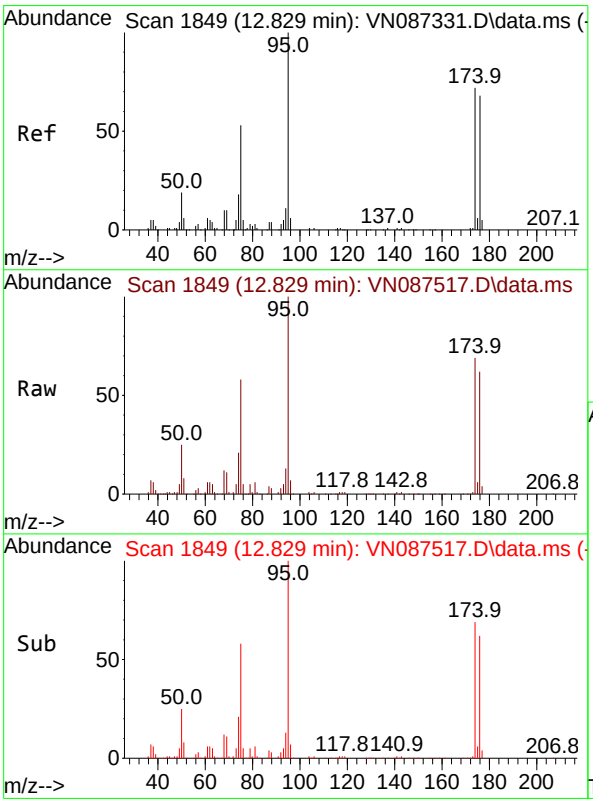
#50
Toluene-d8
Concen: 51.321 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Tgt Ion: 98 Resp: 657992

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1

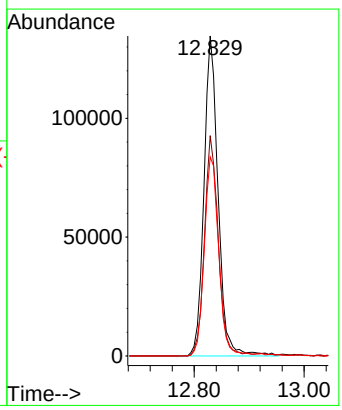


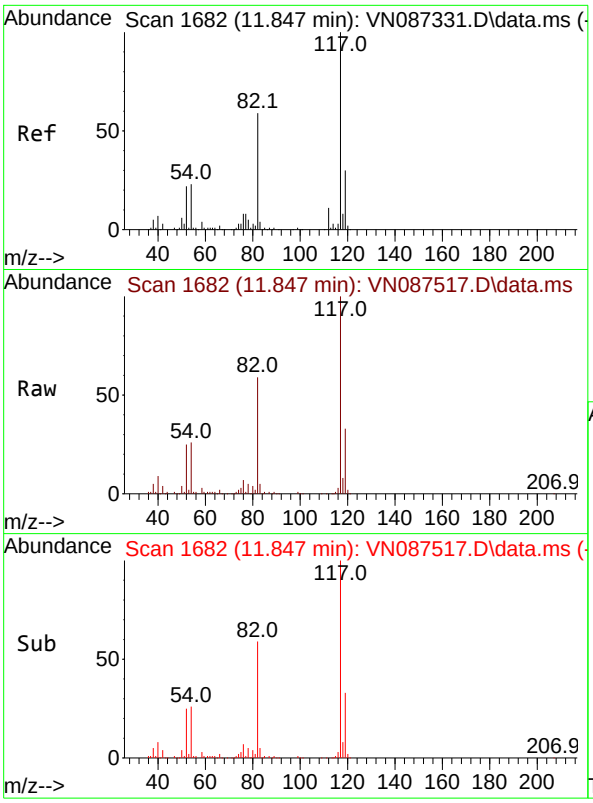


#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Tgt Ion: 95 Resp: 240314

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	149.4
176	63.5	0.0	141.2



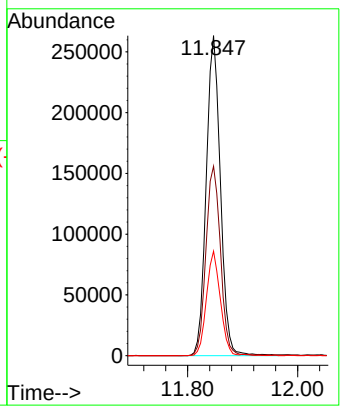


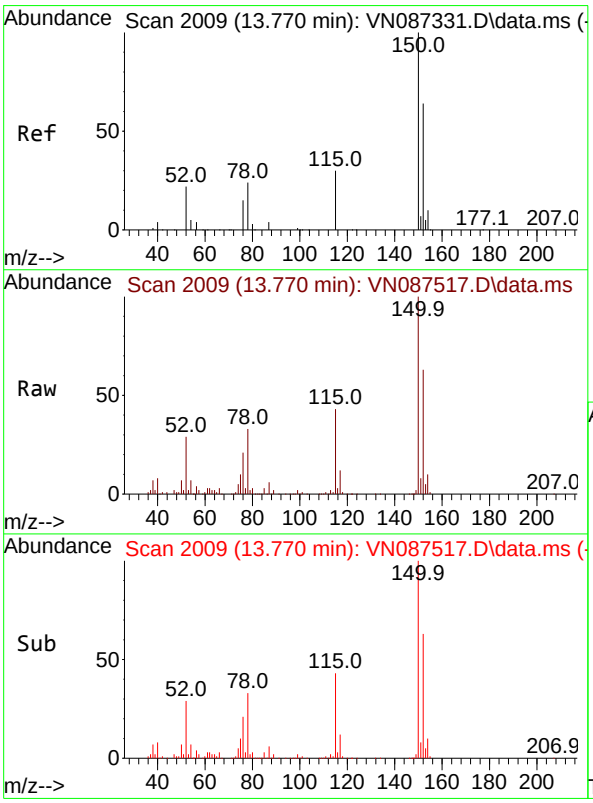
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Tgt Ion:117 Resp: 471277

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	32.7	23.8	35.8

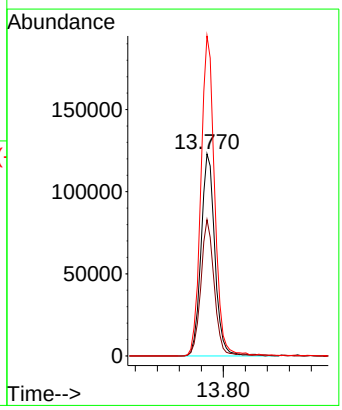




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087517.D
Acq: 12 Aug 2025 16:13

Tgt Ion:152 Resp: 215113

Ion	Ratio	Lower	Upper
152	100		
115	65.1	31.1	93.5
150	156.5	0.0	349.0



Sample Results: **VN087517.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1044	1054	1058	rBV	246288	586295	31.98%	6.145%
2	8.212	1058	1064	1077	rVB	351482	836106	45.60%	8.764%
3	8.565	1114	1124	1136	rBV	296145	661170	36.06%	6.930%
4	9.082	1202	1212	1228	rBV	624404	1321698	72.09%	13.854%
5	10.547	1452	1461	1471	rBV	987691	1833485	100.00%	19.218%
6	11.847	1673	1682	1695	rBV	876395	1603911	87.48%	16.812%
7	12.829	1839	1849	1862	rBV	675580	1206530	65.81%	12.647%
8	13.770	2001	2009	2019	rBV	866631	1491169	81.33%	15.630%

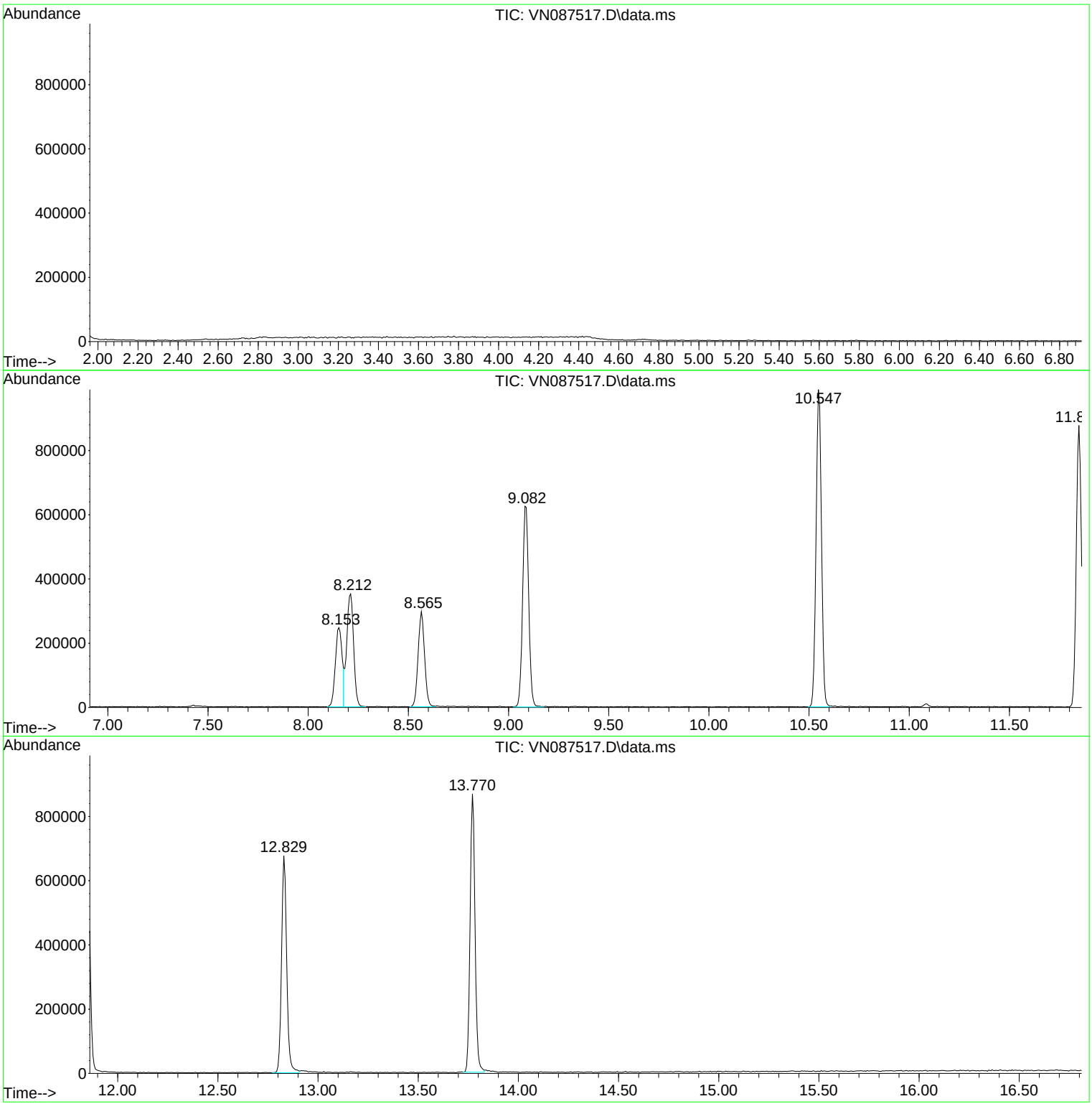
Sum of corrected areas: 9540364

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087517.D
Acq On : 12 Aug 2025 16:13
Operator : JC\MD
Sample : Q2816-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1061-TB080725

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG No.: Q2816

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

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

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.443	0.443	0.623	0.606	0.625	0.531	18
Chloromethane	0.714	0.659	0.588	0.690	0.659	0.698	0.668	6.7
Vinyl Chloride	0.554	0.665	0.623	0.728	0.692	0.720	0.664	9.9
Bromomethane		0.328	0.308	0.355	0.356	0.370	0.344	7.2
Chloroethane	0.396	0.485	0.431	0.441	0.415	0.429	0.433	7
Trichlorofluoromethane	0.959	0.975	0.963	1.025	0.960	1.007	0.981	2.8
1,1,2-Trichlorotrifluoroethane	0.463	0.495	0.539	0.525	0.491	0.509	0.504	5.3
1,1-Dichloroethene	0.635	0.641	0.553	0.545	0.514	0.537	0.571	9.4
Acetone	0.455	0.426	0.393	0.387	0.361	0.366	0.398	9.2
Carbon Disulfide	1.686	1.685	1.669	1.733	1.643	1.739	1.693	2.2
Methyl tert-butyl Ether	1.911	2.099	2.106	2.167	2.129	2.213	2.104	4.9
Methyl Acetate	1.007	1.052	0.991	0.991	0.962	0.993	0.999	3
Methylene Chloride	1.107	0.788	0.700	0.672	0.655	0.672	0.766	22.7
trans-1,2-Dichloroethene	0.667	0.669	0.643	0.653	0.618	0.613	0.644	3.7
1,1-Dichloroethane	1.304	1.325	1.254	1.222	1.185	1.212	1.250	4.4
Cyclohexane		1.148	1.039	1.046	0.981	1.002	1.043	6.2
2-Butanone	0.552	0.608	0.650	0.643	0.617	0.618	0.615	5.7
Carbon Tetrachloride	0.453	0.523	0.498	0.517	0.504	0.518	0.502	5.1
cis-1,2-Dichloroethene	0.704	0.737	0.747	0.767	0.740	0.751	0.741	2.8
Bromochloromethane	0.596	0.640	0.578	0.595	0.597	0.584	0.598	3.6
Chloroform	1.181	1.299	1.303	1.279	1.214	1.234	1.251	4
1,1,1-Trichloroethane	1.043	1.146	1.096	1.084	1.049	1.085	1.084	3.4
Methylcyclohexane	0.447	0.442	0.482	0.529	0.519	0.541	0.493	8.6
Benzene	1.370	1.430	1.502	1.553	1.483	1.499	1.473	4.3
1,2-Dichloroethane	0.553	0.565	0.569	0.567	0.544	0.552	0.558	1.8
Trichloroethene	0.373	0.330	0.337	0.356	0.339	0.352	0.348	4.5
1,2-Dichloropropane	0.335	0.367	0.395	0.395	0.376	0.378	0.374	5.9
Bromodichloromethane	0.568	0.572	0.559	0.569	0.553	0.565	0.564	1.2
4-Methyl-2-Pentanone	0.551	0.641	0.685	0.689	0.658	0.652	0.646	7.8
Toluene	0.774	0.849	0.940	0.963	0.916	0.929	0.895	7.9

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: DAYE01

Lab Code: ACE SDG No.: Q2816

Instrument ID: MSVOA_N Calibration Date(s): 07/16/2025 07/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:05 18:54

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

LAB FILE ID: RRF001 = VN087328.D RRF005 = VN087329.D RRF020 = VN087330.D
RRF050 = VN087331.D RRF100 = VN087332.D RRF150 = VN087333.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.459	0.536	0.586	0.621	0.607	0.619	0.571	11.1
cis-1,3-Dichloropropene	0.489	0.564	0.602	0.632	0.620	0.632	0.590	9.4
1,1,2-Trichloroethane	0.367	0.364	0.365	0.367	0.357	0.354	0.362	1.6
2-Hexanone	0.279	0.373	0.465	0.495	0.481	0.479	0.429	19.9
Dibromochloromethane	0.352	0.416	0.425	0.430	0.424	0.433	0.413	7.4
1,2-Dibromoethane	0.367	0.373	0.391	0.385	0.381	0.389	0.381	2.5
Tetrachloroethene	0.329	0.338	0.317	0.320	0.310	0.317	0.322	3.2
Chlorobenzene	1.139	1.131	1.133	1.119	1.092	1.122	1.123	1.5
Ethyl Benzene	1.643	1.738	1.882	1.942	1.905	1.979	1.848	7
m/p-Xylenes	0.541	0.646	0.717	0.758	0.734	0.756	0.692	12.2
o-Xylene	0.491	0.606	0.702	0.723	0.710	0.734	0.661	14.4
Styrene	0.726	1.032	1.186	1.255	1.217	1.257	1.112	18.6
Bromoform	0.246	0.302	0.314	0.328	0.322	0.337	0.308	10.7
Isopropylbenzene	2.524	2.889	3.242	3.396	3.302	3.529	3.147	11.9
1,1,2,2-Tetrachloroethane	1.159	1.181	1.228	1.207	1.156	1.174	1.184	2.4
1,3-Dichlorobenzene	1.448	1.592	1.651	1.658	1.588	1.674	1.602	5.2
1,4-Dichlorobenzene	1.807	1.709	1.742	1.703	1.627	1.677	1.711	3.6
1,2-Dichlorobenzene	1.303	1.534	1.596	1.577	1.510	1.583	1.517	7.2
1,2-Dibromo-3-Chloropropane	0.339	0.325	0.304	0.302	0.290	0.305	0.311	5.8
1,2,4-Trichlorobenzene	0.761	0.860	0.875	0.937	0.921	0.994	0.891	8.9
1,2,3-Trichlorobenzene	0.803	0.844	0.887	0.922	0.917	0.992	0.894	7.4
1,2-Dichloroethane-d4		0.939	0.820	0.802	0.818	0.863	0.848	6.6
Dibromofluoromethane		0.347	0.341	0.332	0.348	0.356	0.345	2.6
Toluene-d8		1.180	1.176	1.224	1.255	1.316	1.230	4.7
4-Bromofluorobenzene		0.405	0.433	0.455	0.476	0.505	0.455	8.5

* 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.

Response Factor Report MSVOA_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025
Response Via : Initial Calibration

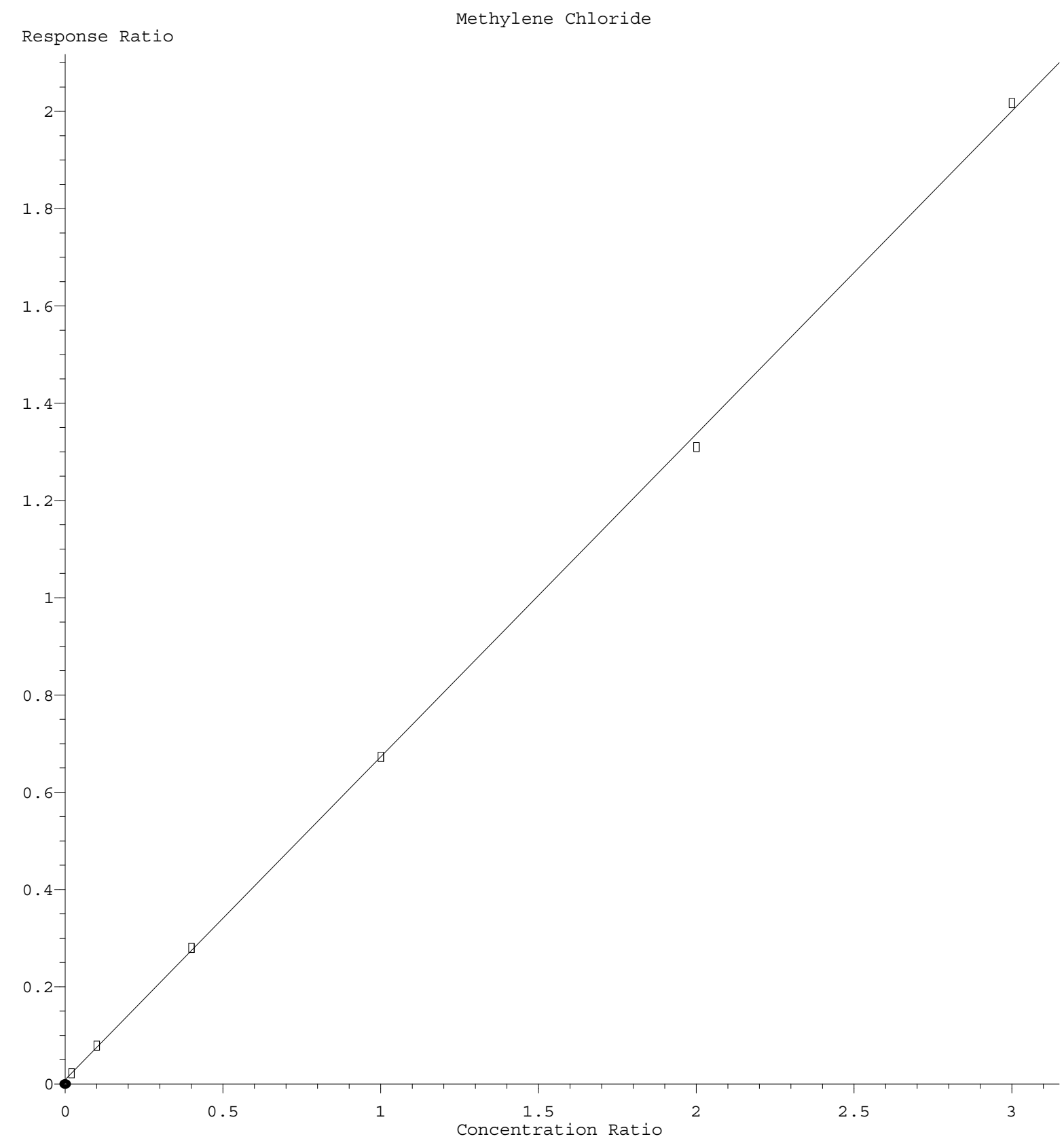
Calibration Files
1 =VN087328.D 5 =VN087329.D 20 =VN087330.D 50 =VN087331.D 100 =VN087332.D 150 =VN087333.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.443	0.443	0.623	0.606	0.625	0.531	17.98
3)	P	Chloromethane	0.714	0.659	0.588	0.690	0.659	0.698	0.668	6.70
4)	C	Vinyl Chloride	0.554	0.665	0.623	0.728	0.692	0.720	0.664	9.93#
5)	T	Bromomethane		0.328	0.308	0.355	0.356	0.370	0.344	7.22
6)	T	Chloroethane	0.396	0.485	0.431	0.441	0.415	0.429	0.433	6.96
7)	T	Trichlorofluor...	0.959	0.975	0.963	1.025	0.960	1.007	0.981	2.83
8)	T	Diethyl Ether	0.335	0.391	0.399	0.395	0.371	0.393	0.381	6.40
9)	T	1,1,2-Trichlor...	0.463	0.495	0.539	0.525	0.491	0.509	0.504	5.34
10)	T	Methyl Iodide		0.288	0.360	0.494	0.554	0.564	0.452	27.17
11)	T	Tert butyl alc...		0.164	0.155	0.161	0.161	0.164	0.161	2.41
12)	CM	1,1-Dichloroet...	0.635	0.641	0.553	0.545	0.514	0.537	0.571	9.41#
13)	T	Acrolein		0.140	0.112	0.121	0.130	0.143	0.129	9.85
14)	T	Allyl chloride	0.949	0.978	1.134	1.002	0.995	1.141	1.033	8.02
15)	T	Acrylonitrile	0.419	0.419	0.455	0.453	0.436	0.440	0.437	3.57
16)	T	Acetone	0.455	0.426	0.393	0.387	0.361	0.366	0.398	9.15
17)	T	Carbon Disulfide	1.686	1.685	1.669	1.733	1.643	1.739	1.693	2.20
18)	T	Methyl Acetate	1.007	1.052	0.991	0.991	0.962	0.993	0.999	2.99
19)	T	Methyl tert-bu...	1.911	2.099	2.106	2.167	2.129	2.213	2.104	4.93
20)	T	Methylene Chlo...	1.107	0.788	0.700	0.672	0.655	0.672	0.766	22.70
21)	T	trans-1,2-Dich...	0.667	0.669	0.643	0.653	0.618	0.613	0.644	3.69
22)	T	Diisopropyl ether	1.797	2.199	2.353	2.286	2.165	2.201	2.167	8.94
23)	T	Vinyl Acetate	1.421	1.685	2.101	2.114	2.007	2.044	1.895	14.81
24)	P	1,1-Dichloroet...	1.304	1.325	1.254	1.222	1.185	1.212	1.250	4.38
25)	T	2-Butanone	0.552	0.608	0.650	0.643	0.617	0.618	0.615	5.65
26)	T	2,2-Dichloropr...	1.013	0.963	1.001	0.982	0.933	0.941	0.972	3.34
27)	T	cis-1,2-Dichlo...	0.704	0.737	0.747	0.767	0.740	0.751	0.741	2.83
28)	T	Bromochloromet...	0.596	0.640	0.578	0.595	0.597	0.584	0.598	3.64
29)	T	Tetrahydrofuran	0.360	0.397	0.413	0.425	0.400	0.401	0.399	5.52
30)	C	Chloroform	1.181	1.299	1.303	1.279	1.214	1.234	1.251	3.97#
31)	T	Cyclohexane		1.148	1.039	1.046	0.981	1.002	1.043	6.16
32)	T	1,1,1-Trichlor...	1.043	1.146	1.096	1.084	1.049	1.085	1.084	3.42
33)	S	1,2-Dichloroet...		0.939	0.820	0.802	0.818	0.863	0.848	6.56
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.347	0.341	0.332	0.348	0.356	0.345	2.55
36)	T	1,1-Dichloropr...	0.387	0.437	0.459	0.487	0.477	0.487	0.456	8.47
37)	T	Ethyl Acetate	0.587	0.671	0.655	0.706	0.660	0.669	0.658	5.94
38)	T	Carbon Tetrach...	0.453	0.523	0.498	0.517	0.504	0.518	0.502	5.10
39)	T	Methylcyclohexane	0.447	0.442	0.482	0.529	0.519	0.541	0.493	8.62
40)	TM	Benzene	1.370	1.430	1.502	1.553	1.483	1.499	1.473	4.34
41)	T	Methacrylonitrile	0.289	0.330	0.362	0.368	0.353	0.363	0.344	8.81
42)	TM	1,2-Dichloroet...	0.553	0.565	0.569	0.567	0.544	0.552	0.558	1.78
43)	T	Isopropyl Acetate	0.938	0.999	1.029	1.071	1.038	1.055	1.022	4.64
44)	TM	Trichloroethene	0.373	0.330	0.337	0.356	0.339	0.352	0.348	4.49
45)	C	1,2-Dichloropr...	0.335	0.367	0.395	0.395	0.376	0.378	0.374	5.90#
46)	T	Dibromomethane	0.265	0.296	0.279	0.289	0.274	0.278	0.280	3.94
47)	T	Bromodichlorom...	0.568	0.572	0.559	0.569	0.553	0.565	0.564	1.21
48)	T	Methyl methacr...	0.372	0.412	0.475	0.505	0.493	0.503	0.460	12.06
49)	T	1,4-Dioxane	0.006	0.007	0.007	0.008	0.008	0.008	0.007	12.52
50)	S	Toluene-d8		1.180	1.176	1.224	1.255	1.316	1.230	4.72
51)	T	4-Methyl-2-Pen...	0.551	0.641	0.685	0.689	0.658	0.652	0.646	7.79
52)	CM	Toluene	0.774	0.849	0.940	0.963	0.916	0.929	0.895	7.93#
53)	T	t-1,3-Dichloro...	0.459	0.536	0.586	0.621	0.607	0.619	0.571	11.08
54)	T	cis-1,3-Dichlo...	0.489	0.564	0.602	0.632	0.620	0.632	0.590	9.40
55)	T	1,1,2-Trichlor...	0.367	0.364	0.365	0.367	0.357	0.354	0.362	1.57
56)	T	Ethyl methacry...	0.348	0.486	0.567	0.627	0.626	0.656	0.552	21.20

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N071625W.M

57)	T	1,3-Dichloropr...	0.556	0.621	0.652	0.655	0.636	0.640	0.627	5.82
58)	T	2-Chloroethyl ...	0.220	0.273	0.303	0.346	0.310	0.332	0.297	15.20
59)	T	2-Hexanone	0.279	0.373	0.465	0.495	0.481	0.479	0.429	19.95
60)	T	Dibromochlorom...	0.352	0.416	0.425	0.430	0.424	0.433	0.413	7.39
61)	T	1,2-Dibromoethane	0.367	0.373	0.391	0.385	0.381	0.389	0.381	2.49
62)	S	4-Bromofluorob...		0.405	0.433	0.455	0.476	0.505	0.455	8.46
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.329	0.338	0.317	0.320	0.310	0.317	0.322	3.16
65)	PM	Chlorobenzene	1.139	1.131	1.133	1.119	1.092	1.122	1.123	1.48
66)	T	1,1,1,2-Tetrac...	0.324	0.406	0.393	0.393	0.381	0.394	0.382	7.64
67)	C	Ethyl Benzene	1.643	1.738	1.882	1.942	1.905	1.979	1.848	7.04#
68)	T	m/p-Xylenes	0.541	0.646	0.717	0.758	0.734	0.756	0.692	12.20
69)	T	o-Xylene	0.491	0.606	0.702	0.723	0.710	0.734	0.661	14.39
70)	T	Styrene	0.726	1.032	1.186	1.255	1.217	1.257	1.112	18.59
71)	P	Bromoform	0.246	0.302	0.314	0.328	0.322	0.337	0.308	10.69
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.524	2.889	3.242	3.396	3.302	3.529	3.147	11.86
74)	T	N-amyl acetate	1.309	1.256	1.249	1.138	1.378	1.515	1.307	9.83
75)	P	1,1,2,2-Tetrac...	1.159	1.181	1.228	1.207	1.156	1.174	1.184	2.37
76)	T	1,2,3-Trichlor...	1.208	1.238	1.101	1.191	0.969	1.019	1.121	9.79
77)	T	Bromobenzene	0.669	0.791	0.862	0.869	0.830	0.876	0.816	9.63
78)	T	n-propylbenzene	3.252	3.716	4.089	4.294	4.109	4.295	3.959	10.25
79)	T	2-Chlorotoluene	2.085	2.348	2.535	2.533	2.493	2.605	2.433	7.84
80)	T	1,3,5-Trimethy...	2.069	2.517	2.816	2.928	2.799	2.959	2.681	12.62
81)	T	trans-1,4-Dich...		0.327	0.448	0.404	0.417	0.453	0.410	12.30
82)	T	4-Chlorotoluene	2.225	2.460	2.618	2.647	2.552	2.699	2.533	6.79
83)	T	tert-Butylbenzene	1.781	2.068	2.303	2.423	2.376	2.485	2.239	11.92
84)	T	1,2,4-Trimethy...	2.201	2.411	2.906	3.003	2.872	3.034	2.738	12.64
85)	T	sec-Butylbenzene	3.120	3.136	3.460	3.565	3.387	3.570	3.373	5.98
86)	T	p-Isopropyltol...	2.081	2.417	2.806	2.991	2.893	3.032	2.703	13.90
87)	T	1,3-Dichlorobe...	1.448	1.592	1.651	1.657	1.588	1.674	1.602	5.19
88)	T	1,4-Dichlorobe...	1.807	1.709	1.742	1.703	1.627	1.677	1.711	3.56
89)	T	n-Butylbenzene	2.278	2.425	2.648	2.761	2.614	2.762	2.581	7.49
90)	T	Hexachloroethane	0.593	0.564	0.562	0.576	0.552	0.590	0.573	2.86
91)	T	1,2-Dichlorobe...	1.303	1.534	1.596	1.577	1.510	1.583	1.517	7.23
92)	T	1,2-Dibromo-3-...	0.339	0.325	0.304	0.302	0.290	0.305	0.311	5.76
93)	T	1,2,4-Trichlor...	0.761	0.860	0.875	0.937	0.921	0.994	0.891	8.94
94)	T	Hexachlorobuta...	0.351	0.337	0.324	0.329	0.316	0.331	0.331	3.57
95)	T	Naphthalene	2.486	2.658	3.113	3.441	3.451	3.797	3.158	16.01
96)	T	1,2,3-Trichlor...	0.803	0.844	0.887	0.922	0.917	0.992	0.894	7.37

(#) = Out of Range



Response = 6.638e-001 * Amt + 8.611e-003
Coef of Det (r^2) = 0.999669 Curve Fit: Linear
Method: C:\Chrom\Archive\HPCHEM1\MSVOA N\methods\82N071625W.M
Calibration Table Last Updated: Thu Jul 17 02:56:13 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.212	168	166177	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	312474	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	274838	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	128808	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	1484	0.841	ug/l		98
3) Chloromethane	2.389	50	2372	1.069	ug/l		96
4) Vinyl Chloride	2.542	62	1841	0.835	ug/l	#	68
6) Chloroethane	3.153	64	1316	0.915	ug/l		93
7) Trichlorofluoromethane	3.506	101	3187	0.977	ug/l		92
8) Diethyl Ether	3.965	74	1114	0.880	ug/l		79
9) 1,1,2-Trichlorotrifluo...	4.371	101	1539	0.919	ug/l	#	31
12) 1,1-Dichloroethene	4.347	96	2112	1.113	ug/l	#	53
14) Allyl chloride	5.012	41	3155m	0.919	ug/l		
15) Acrylonitrile	5.712	53	6965	4.794	ug/l	#	80
16) Acetone	4.430	43	7566m	5.660	ug/l		
17) Carbon Disulfide	4.700	76	5602	0.996	ug/l	#	71
18) Methyl Acetate	5.018	43	3347	1.008	ug/l	#	74
19) Methyl tert-butyl Ether	5.789	73	6351m	0.908	ug/l		
20) Methylene Chloride	5.271	84	3679	1.019	ug/l	#	74
21) trans-1,2-Dichloroethene	5.777	96	2216	1.036	ug/l	#	53
22) Diisopropyl ether	6.659	45	5973	0.829	ug/l	#	75
23) Vinyl Acetate	6.600	43	23617	3.749	ug/l	#	93
24) 1,1-Dichloroethane	6.547	63	4333	1.043	ug/l	#	83
25) 2-Butanone	7.477	43	9174	4.491	ug/l		99
26) 2,2-Dichloropropane	7.471	77	3368	1.043	ug/l	#	67
27) cis-1,2-Dichloroethene	7.471	96	2340	0.950	ug/l		99
28) Bromochloromethane	7.794	49	1982	0.997	ug/l	#	85
29) Tetrahydrofuran	7.835	42	5981	4.507	ug/l		94
30) Chloroform	7.953	83	3924	0.943	ug/l	#	71
32) 1,1,1-Trichloroethane	8.165	97	3468	0.963	ug/l	#	45
36) 1,1-Dichloropropene	8.353	75	2421	0.850	ug/l		96
37) Ethyl Acetate	7.547	43	3670	0.892	ug/l	#	82
38) Carbon Tetrachloride	8.341	117	2833	0.903	ug/l	#	83
39) Methylcyclohexane	9.588	83	2794	0.906	ug/l	#	86
40) Benzene	8.588	78	8561	0.930	ug/l		97
41) Methacrylonitrile	7.771	41	1805	0.839	ug/l	#	87
42) 1,2-Dichloroethane	8.653	62	3456	0.990	ug/l		89
43) Isopropyl Acetate	8.677	43	5865	0.919	ug/l	#	95
44) Trichloroethene	9.341	130	2331	1.072	ug/l		70
45) 1,2-Dichloropropane	9.606	63	2094	0.895	ug/l	#	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.694	93	1657	0.946	ug/l	#	87
47) Bromodichloromethane	9.871	83	3549	1.006	ug/l	#	91
48) Methyl methacrylate	9.671	41	2322	0.808	ug/l		94
49) 1,4-Dioxane	9.682	88	696	15.810	ug/l	#	53
51) 4-Methyl-2-Pentanone	10.429	43	17216	4.263	ug/l		91
52) Toluene	10.612	92	4834	0.864	ug/l		91
53) t-1,3-Dichloropropene	10.818	75	2869	0.804	ug/l	#	56
54) cis-1,3-Dichloropropene	10.294	75	3059	0.830	ug/l		94
55) 1,1,2-Trichloroethane	11.000	97	2294	1.013	ug/l	#	83
56) Ethyl methacrylate	10.859	69	2173	1.217	ug/l	#	90
57) 1,3-Dichloropropane	11.141	76	3477	0.888	ug/l		95
58) 2-Chloroethyl Vinyl ether	10.141	63	6887	3.707	ug/l		96
59) 2-Hexanone	11.182	43	8707	3.250	ug/l		87
60) Dibromochloromethane	11.347	129	2200	0.852	ug/l		82
61) 1,2-Dibromoethane	11.459	107	2291	0.962	ug/l		90
64) Tetrachloroethene	11.088	164	1807	1.022	ug/l	#	75
65) Chlorobenzene	11.870	112	6259	1.014	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	1783	0.850	ug/l	#	50
67) Ethyl Benzene	11.941	91	9031	0.889	ug/l		92
68) m/p-Xylenes	12.053	106	5952	1.565	ug/l		97
69) o-Xylene	12.388	106	2700	0.743	ug/l		91
70) Styrene	12.400	104	3989	0.653	ug/l		91
71) Bromoform	12.559	173	1351	0.797	ug/l	#	94
73) Isopropylbenzene	12.682	105	6501	0.802	ug/l		95
74) N-amyl acetate	12.841	43	3372m	1.065	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	2986	0.979	ug/l	#	78
76) 1,2,3-Trichloropropane	12.976	75	3113m	1.089	ug/l		
77) Bromobenzene	12.953	156	1724	0.820	ug/l		79
78) n-propylbenzene	13.017	91	8378	0.821	ug/l		95
79) 2-Chlorotoluene	13.100	91	5372	0.857	ug/l		93
80) 1,3,5-Trimethylbenzene	13.147	105	5329	0.772	ug/l		93
82) 4-Chlorotoluene	13.200	91	5733	0.878	ug/l		96
83) tert-Butylbenzene	13.412	119	4588	0.795	ug/l		90
84) 1,2,4-Trimethylbenzene	13.464	105	5671	0.804	ug/l		87
85) sec-Butylbenzene	13.594	105	8037	0.925	ug/l		97
86) p-Isopropyltoluene	13.712	119	5360	0.770	ug/l		92
87) 1,3-Dichlorobenzene	13.712	146	3731	0.904	ug/l		89
88) 1,4-Dichlorobenzene	13.794	146	4655m	1.056	ug/l		
89) n-Butylbenzene	14.035	91	5869	0.883	ug/l		91
90) Hexachloroethane	14.317	117	1527	1.035	ug/l		87
91) 1,2-Dichlorobenzene	14.088	146	3358	0.859	ug/l		85
92) 1,2-Dibromo-3-Chloropr...	14.711	75	874	1.091	ug/l	#	56
93) 1,2,4-Trichlorobenzene	15.376	180	1960	0.854	ug/l		78
94) Hexachlorobutadiene	15.476	225	903	1.058	ug/l		76
95) Naphthalene	15.611	128	6404	0.787	ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.806	180	2068	0.898	ug/l		99

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

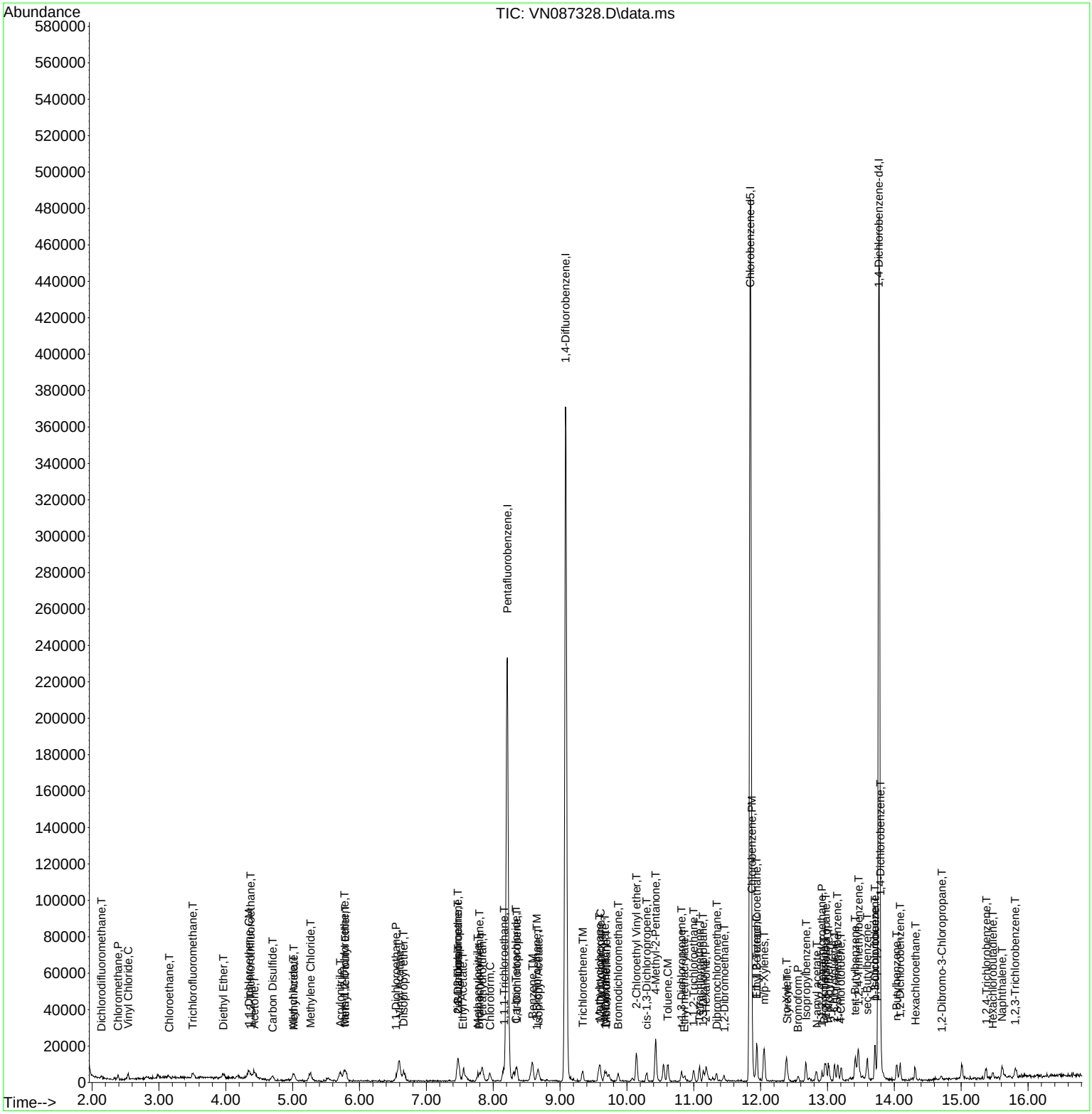
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Data File : VN087328.D
Acq On : 16 Jul 2025 17:05
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

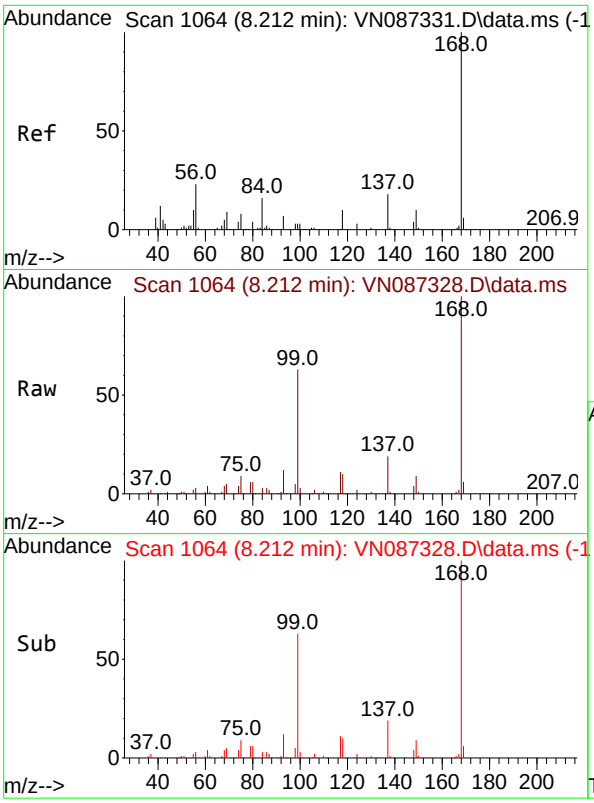
Quant Time: Jul 17 02:16:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

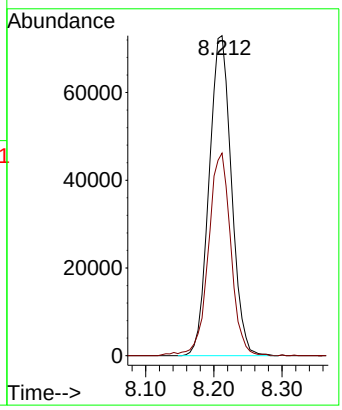




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:168 Resp: 16617

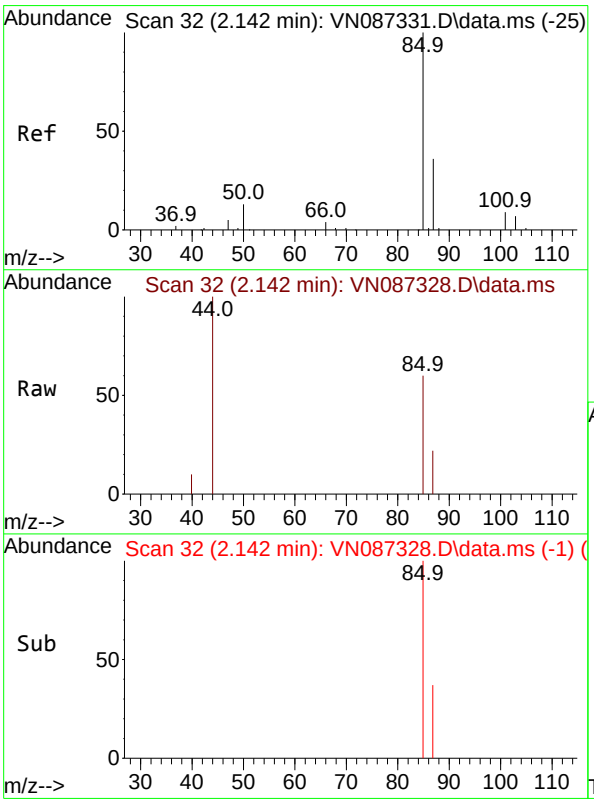
Ion	Ratio	Lower	Upper
168	100		
99	63.3	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

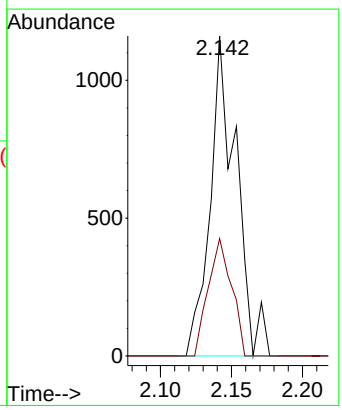
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

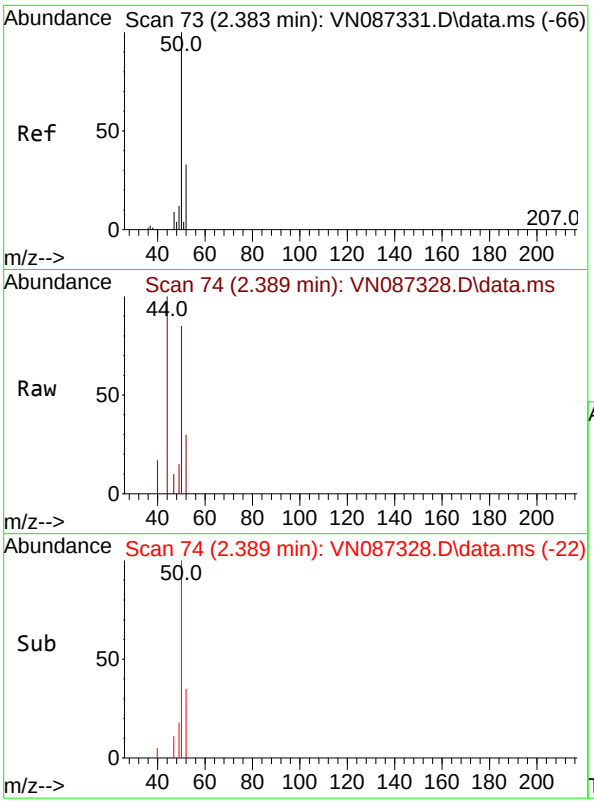


#2
Dichlorodifluoromethane
Concen: 0.841 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 85 Resp: 1484

Ion	Ratio	Lower	Upper
85	100		
87	36.7	17.8	53.3

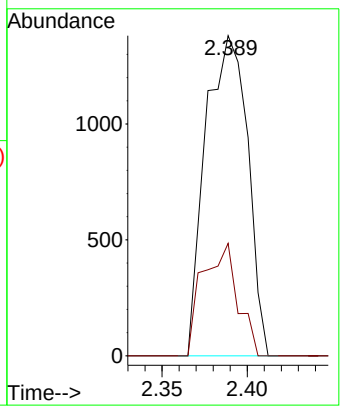




#3
Chloromethane
Concen: 1.069 ug/l
RT: 2.389 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 50 Resp: 237

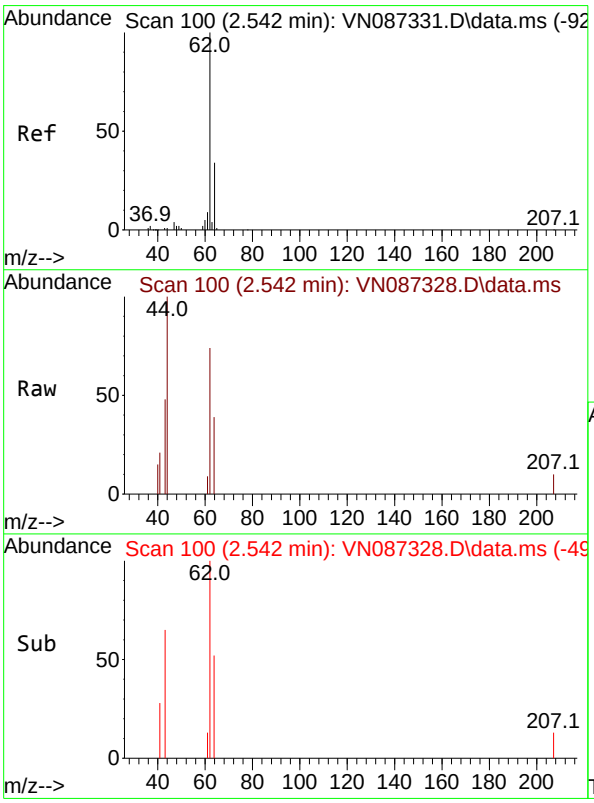
Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

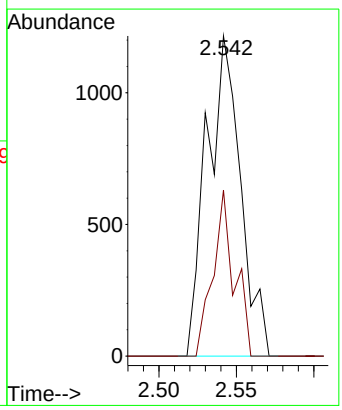
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

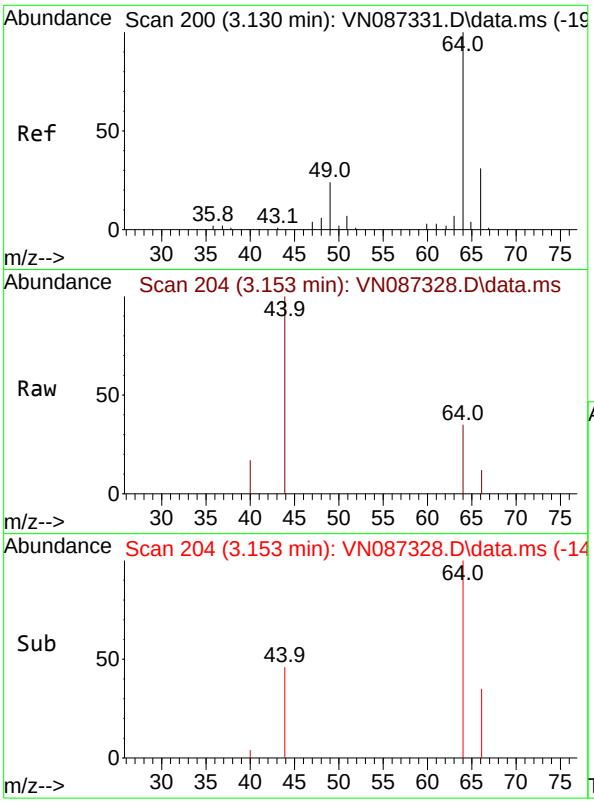


#4
Vinyl Chloride
Concen: 0.835 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 62 Resp: 1841

Ion	Ratio	Lower	Upper
62	100		
64	51.9	27.0	40.6#

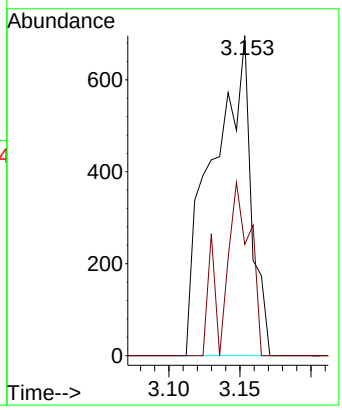




#6
Chloroethane
Concen: 0.915 ug/l
RT: 3.153 min Scan# 2(
Delta R.T. 0.024 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 64 Resp: 131(

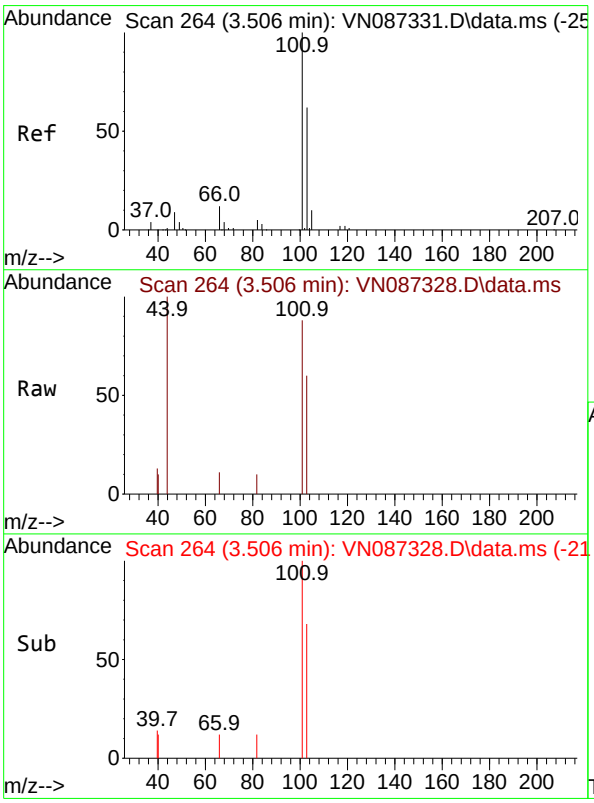
Ion	Ratio	Lower	Upper
64	100		
66	34.8	24.6	36.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

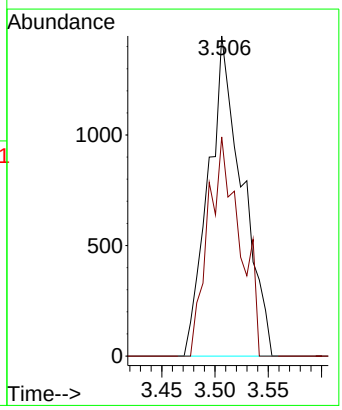
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

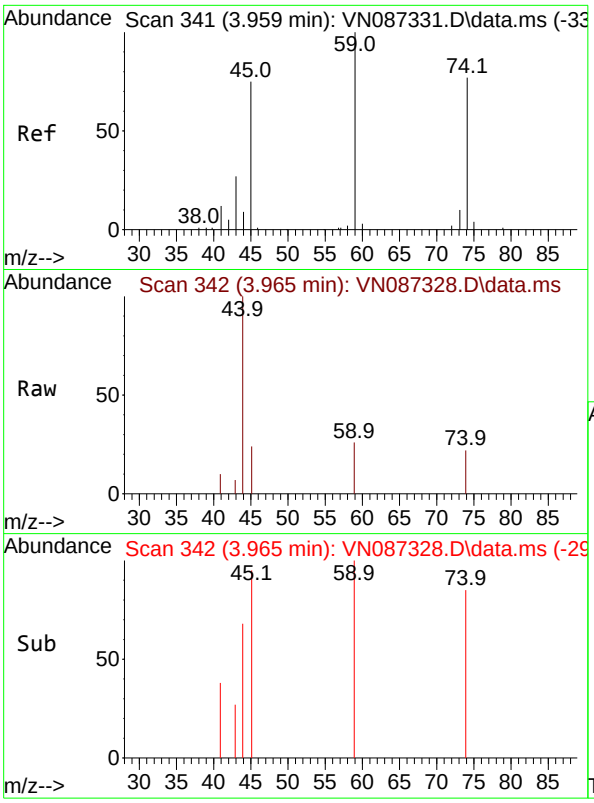


#7
Trichlorofluoromethane
Concen: 0.977 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:101 Resp: 3187

Ion	Ratio	Lower	Upper
101	100		
103	68.4	49.8	74.6





#8
Diethyl Ether
Concen: 0.880 ug/l
RT: 3.965 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

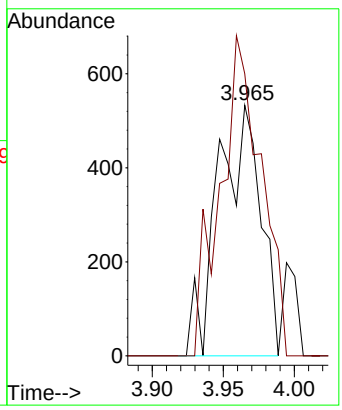
Tgt Ion: 74 Resp: 111

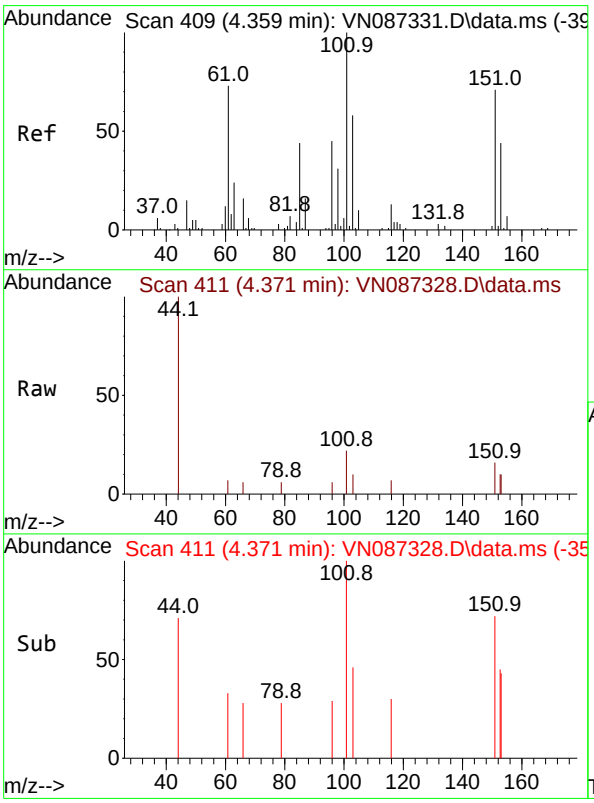
Ion	Ratio	Lower	Upper
74	100		
45	122.6	50.8	152.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

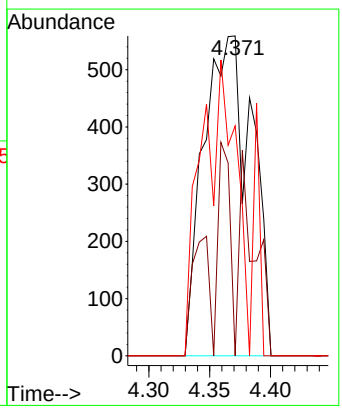


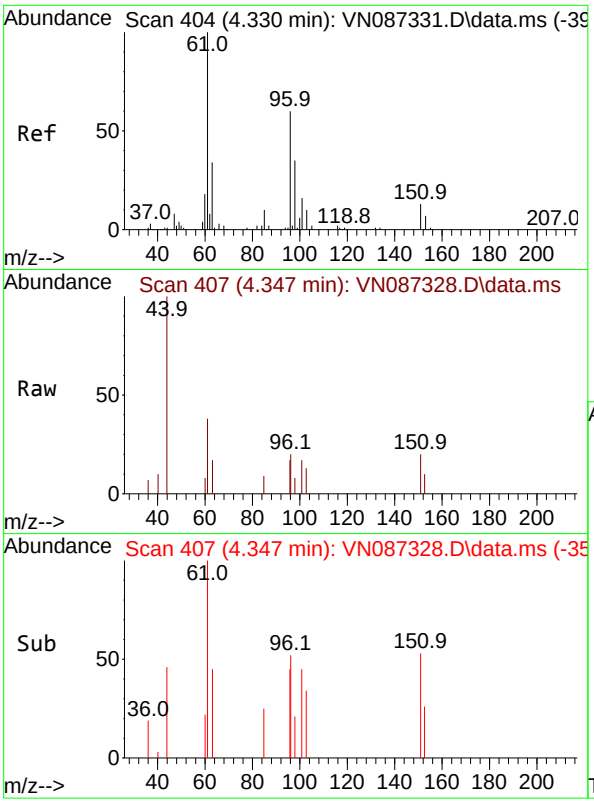


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.919 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:101 Resp: 1539

Ion	Ratio	Lower	Upper
101	100		
85	20.5	37.3	55.9#
151	0.0	58.9	88.3#

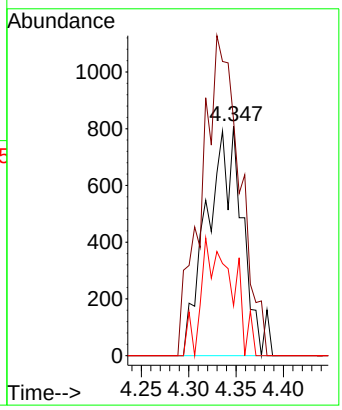




#12
1,1-Dichloroethene
Concen: 1.113 ug/l
RT: 4.347 min Scan# 4(
Delta R.T. 0.018 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 96 Resp: 211

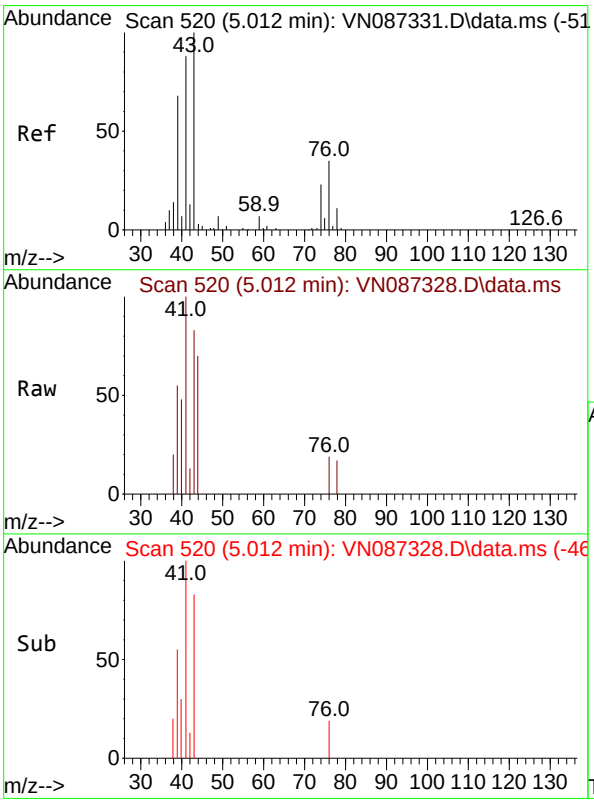
Ion	Ratio	Lower	Upper
96	100		
61	102.7	132.3	198.5#
98	21.8	46.8	70.2#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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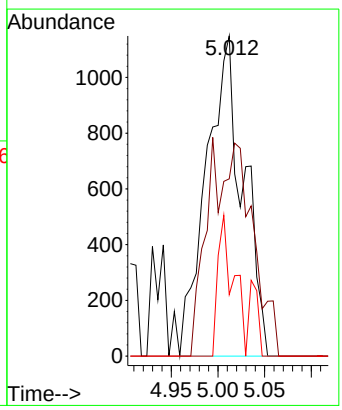
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

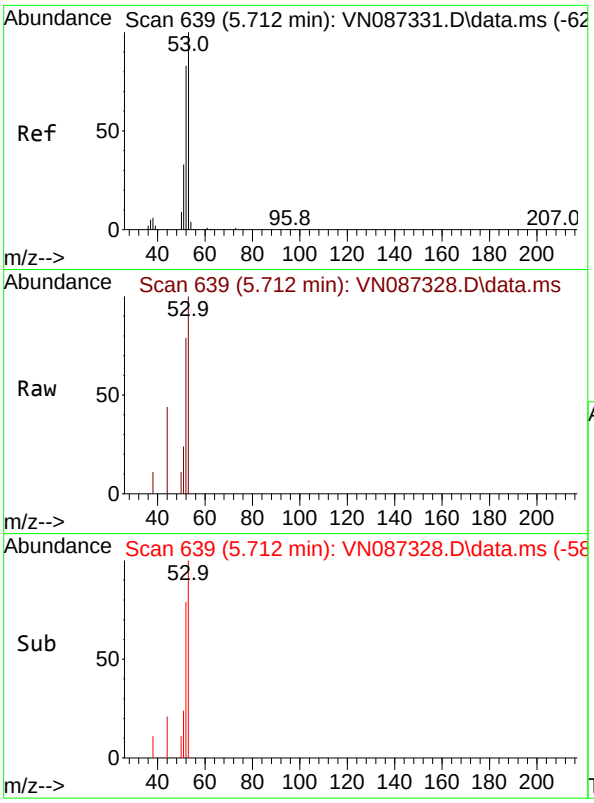


#14
Allyl chloride
Concen: 0.919 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 41 Resp: 3155

Ion	Ratio	Lower	Upper
41	100		
39	46.1	59.0	88.6#
76	18.6	28.7	43.1#

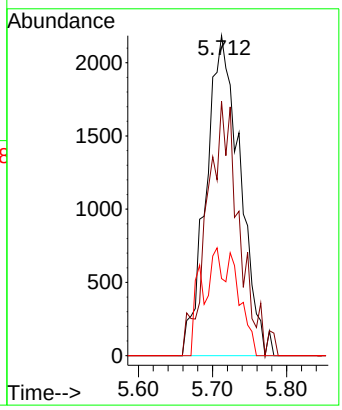




#15
Acrylonitrile
Concen: 4.794 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 53 Resp: 696

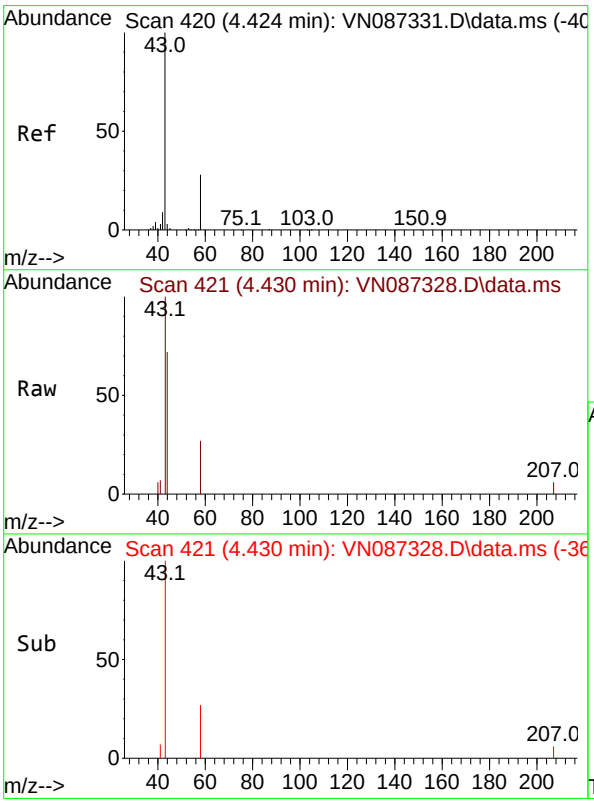
Ion	Ratio	Lower	Upper
53	100		
52	75.2	65.5	98.3
51	7.2	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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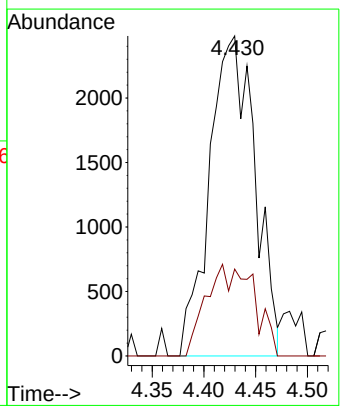
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

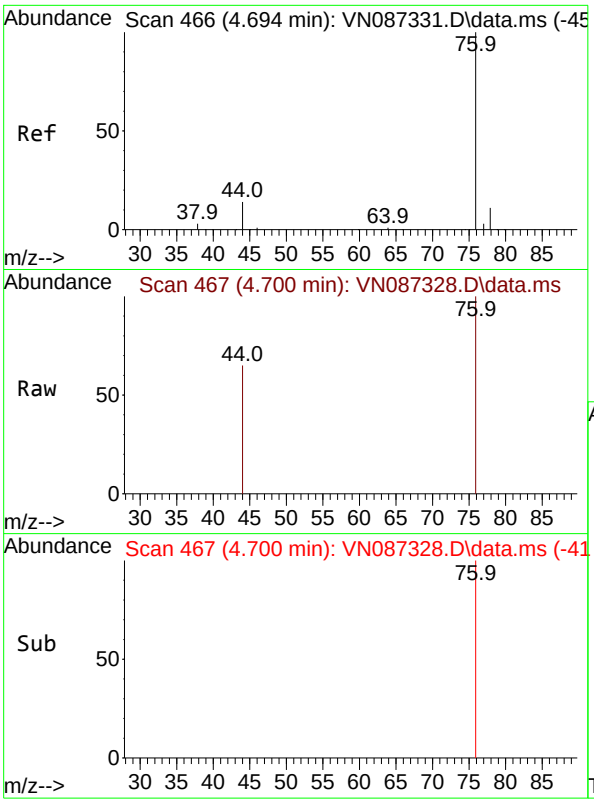


#16
Acetone
Concen: 5.660 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 7566

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.3	33.5





#17
Carbon Disulfide
Concen: 0.996 ug/l
RT: 4.700 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

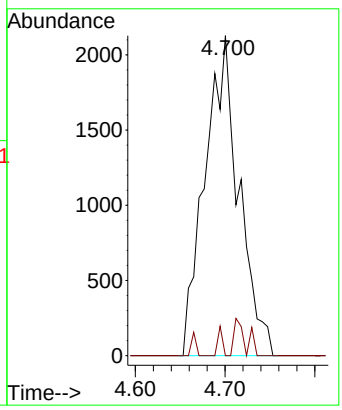
Tgt Ion: 76 Resp: 560

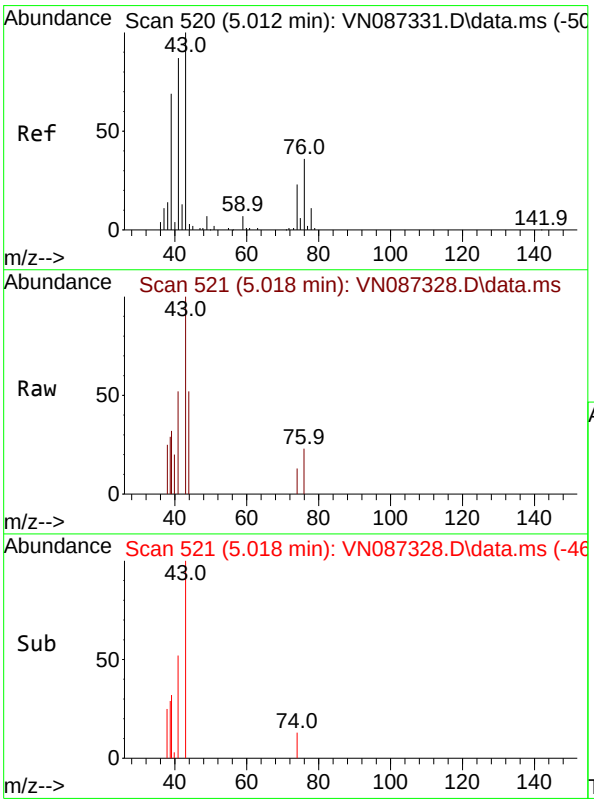
Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.6	13.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

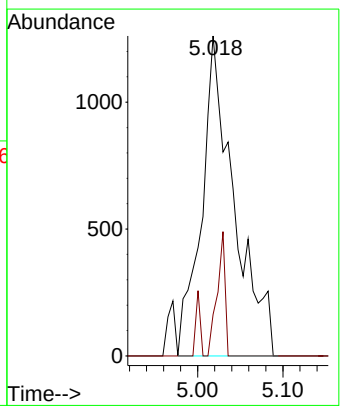


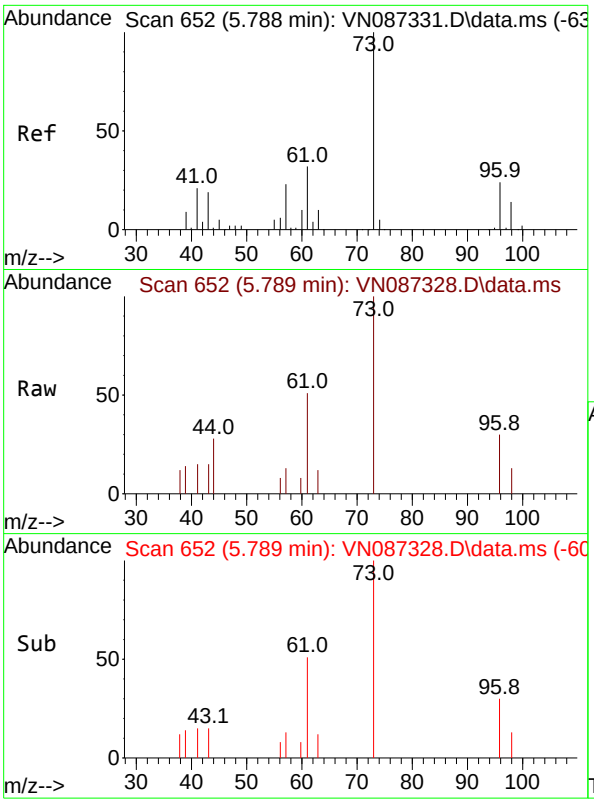


#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 3347

Ion	Ratio	Lower	Upper
43	100		
74	9.5	17.8	26.6#

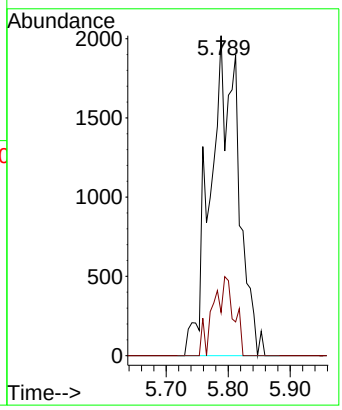




#19
Methyl tert-butyl Ether
Concen: 0.908 ug/l m
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 73 Resp: 635

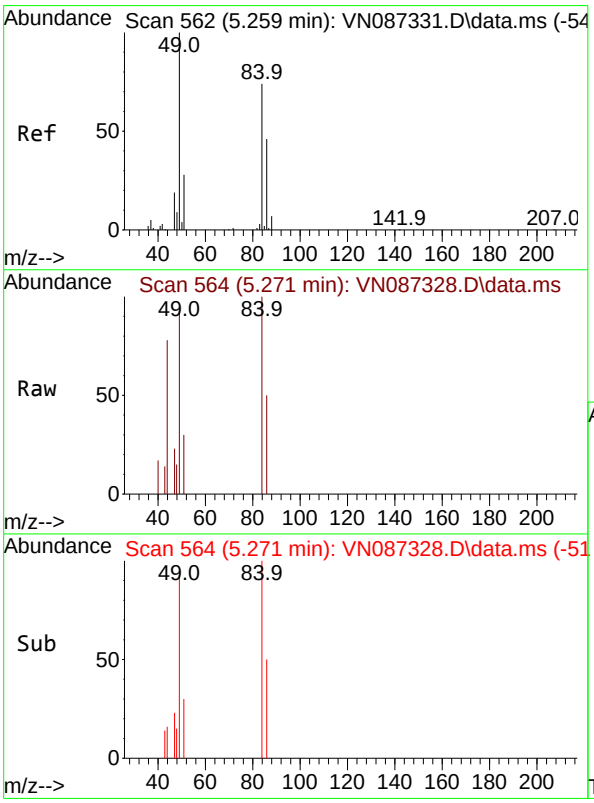
Ion	Ratio	Lower	Upper
73	100		
57	13.5	18.6	27.8#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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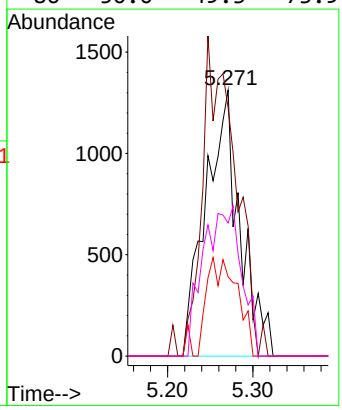
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

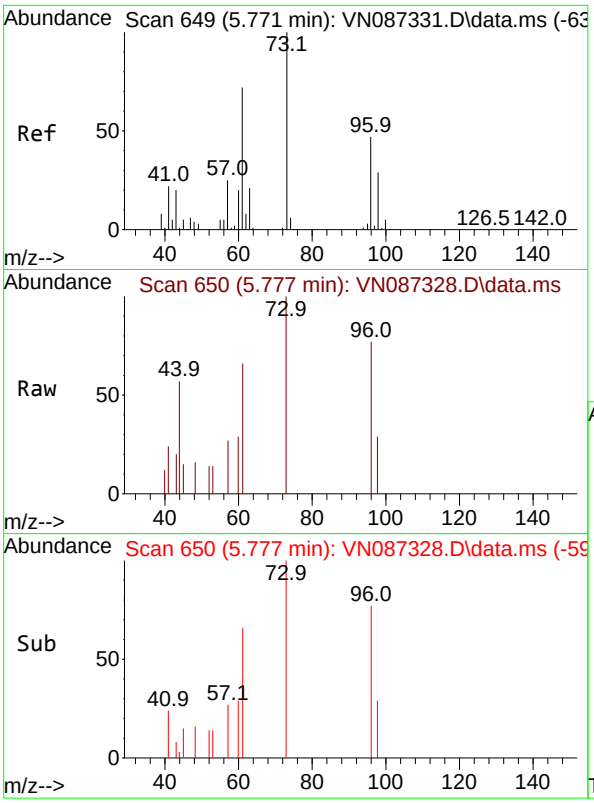


#20
Methylene Chloride
Concen: 1.019 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 84 Resp: 3679

Ion	Ratio	Lower	Upper
84	100		
49	93.3	107.5	161.3#
51	29.8	30.2	45.2#
86	50.0	49.3	73.9

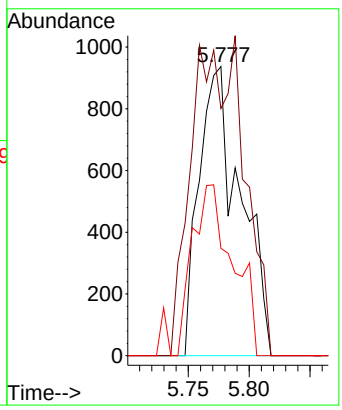




#21
trans-1,2-Dichloroethene
Concen: 1.036 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 96 Resp: 221

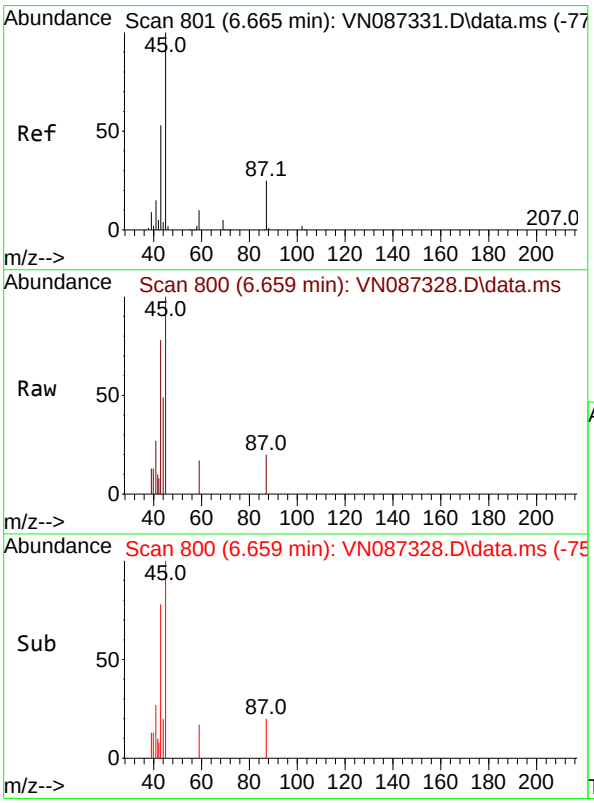
Ion	Ratio	Lower	Upper
96	100		
61	85.5	122.0	183.0#
98	37.1	50.0	75.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

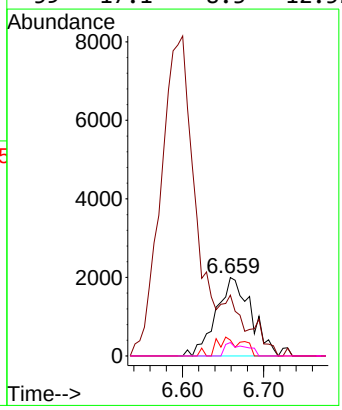
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

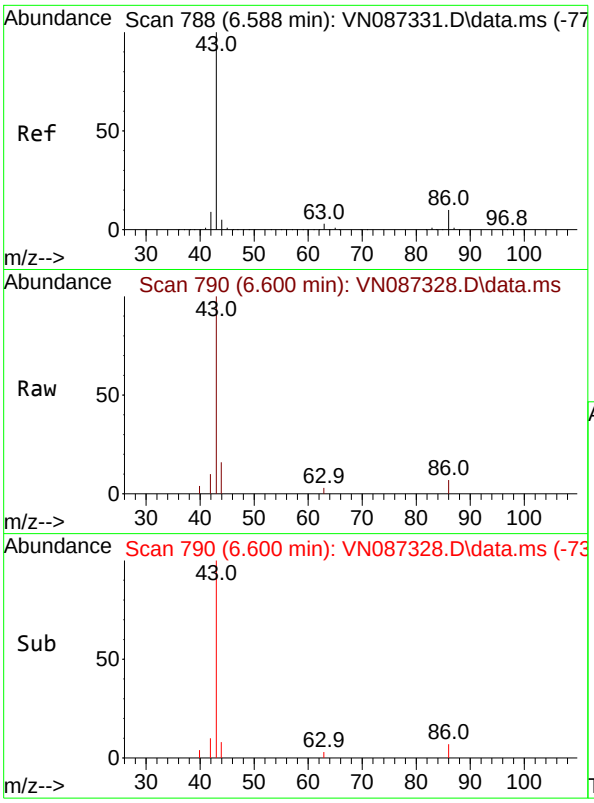


#22
Diisopropyl ether
Concen: 0.829 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 45 Resp: 5973

Ion	Ratio	Lower	Upper
45	100		
43	77.6	42.8	64.2#
87	20.3	19.8	29.6
59	17.1	8.3	12.5#





#23
Vinyl Acetate
Concen: 3.749 ug/l
RT: 6.600 min Scan# 7
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

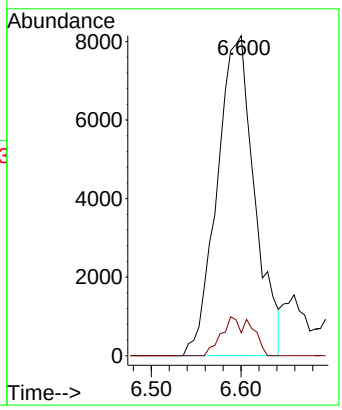
Tgt Ion: 43 Resp: 2361

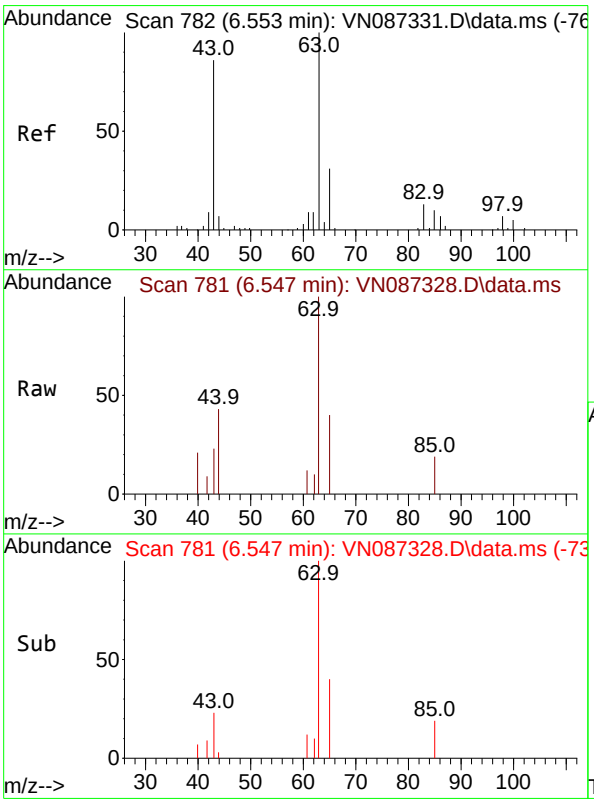
Ion	Ratio	Lower	Upper
43	100		
86	7.1	7.7	11.5#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Supervised By :Semsettin Yesilyurt 07/17/2025

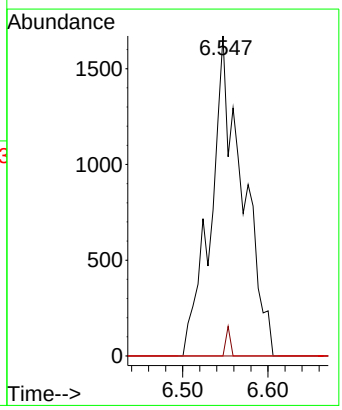


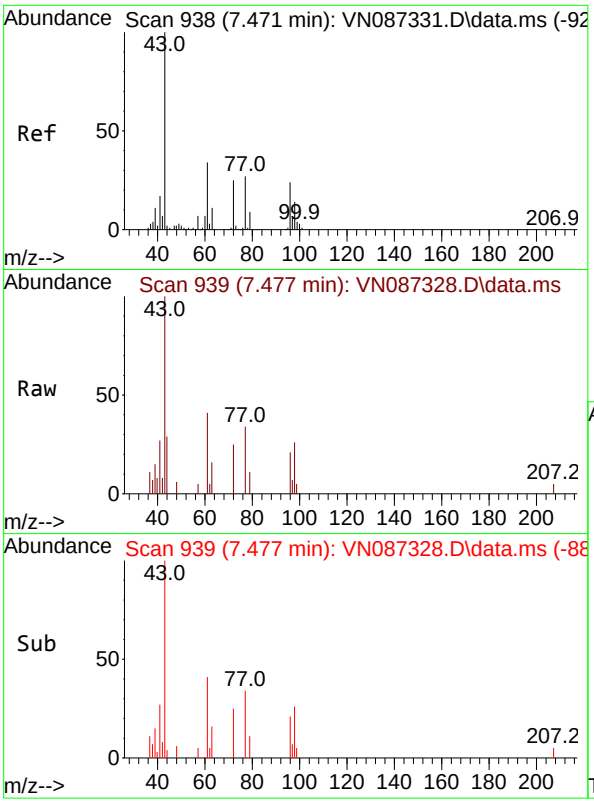


#24
1,1-Dichloroethane
Concen: 1.043 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 63 Resp: 4333

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.5	7.4#





#25
2-Butanone
Concen: 4.491 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

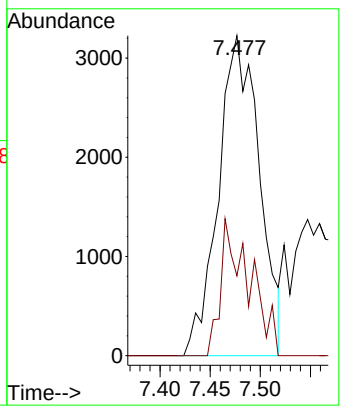
Tgt Ion: 43 Resp: 917

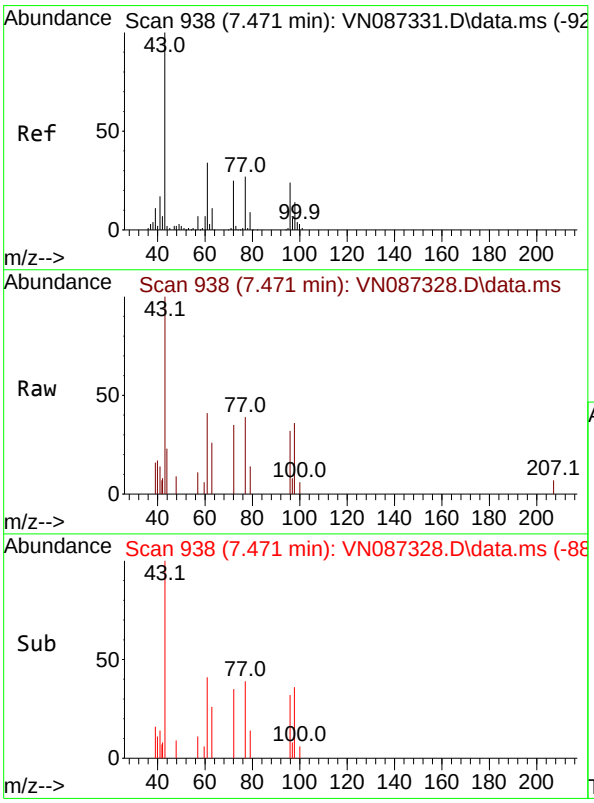
Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.6	29.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Supervised By :Semsettin Yesilyurt 07/17/2025

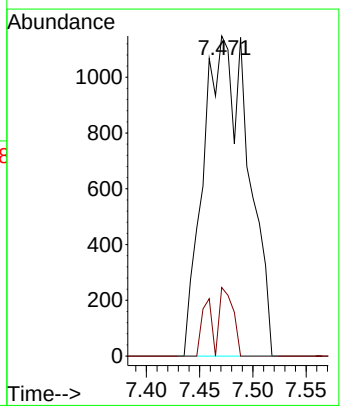


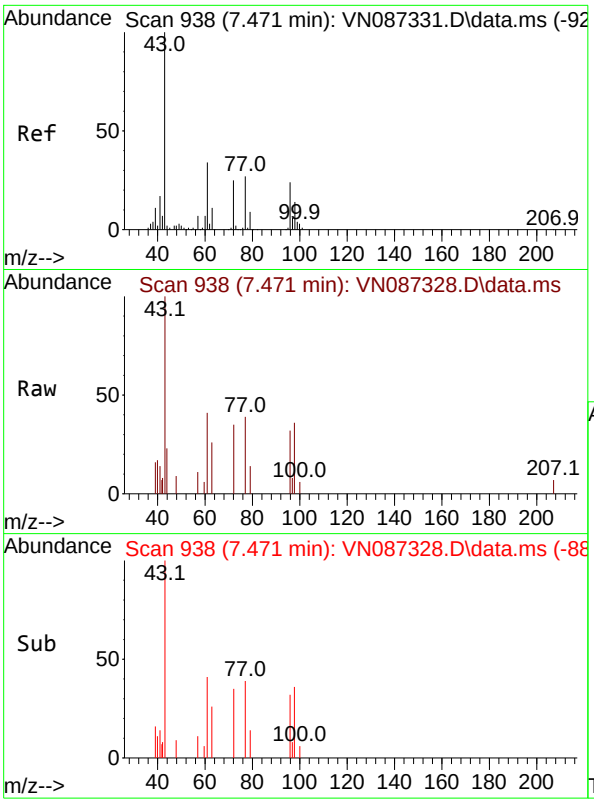


#26
2,2-Dichloropropane
Concen: 1.043 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 77 Resp: 3368

Ion	Ratio	Lower	Upper
77	100		
97	6.5	11.1	33.1#

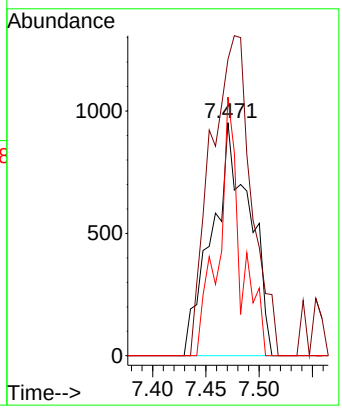




#27
cis-1,2-Dichloroethene
Concen: 0.950 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 96 Resp: 234

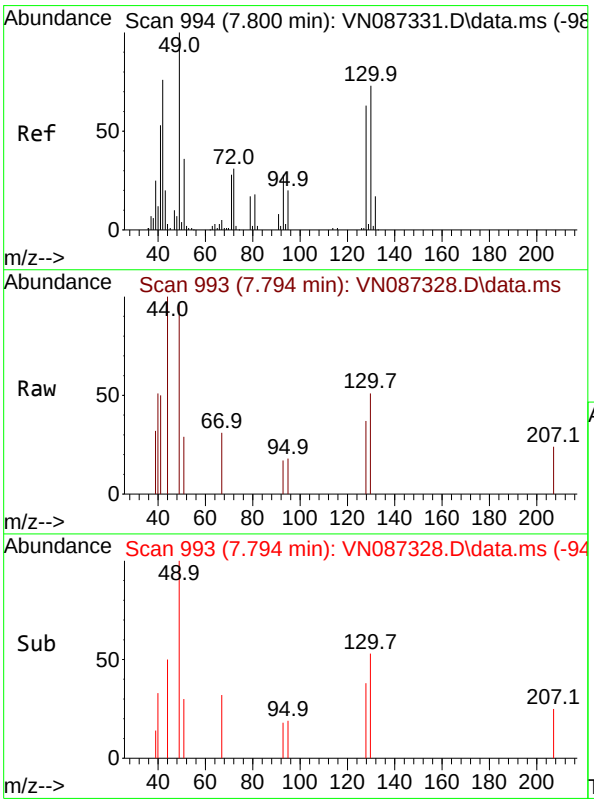
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	297.8
98	65.5	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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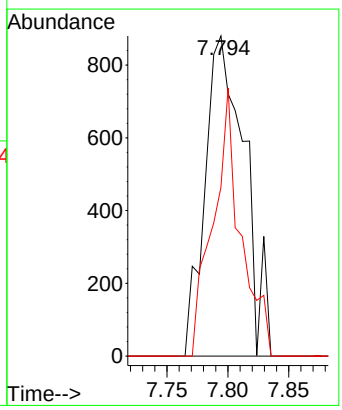
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

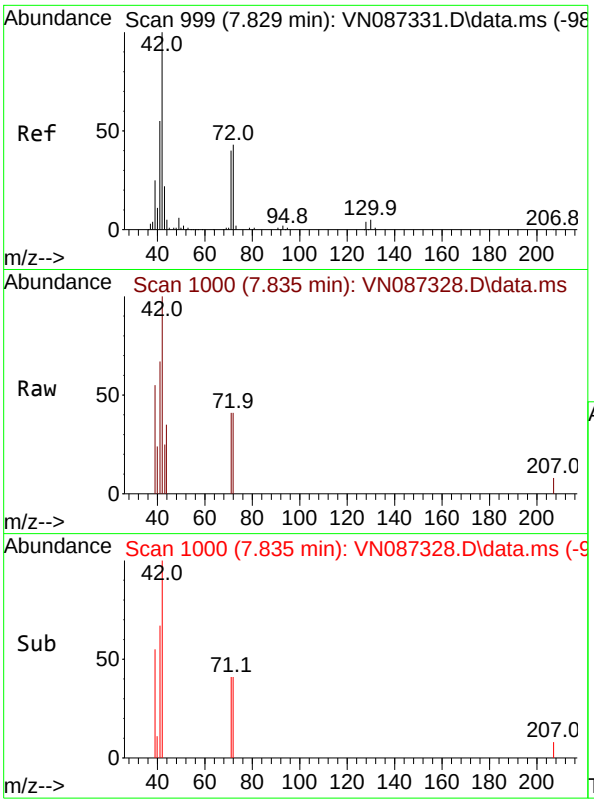


#28
Bromochloromethane
Concen: 0.997 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 49 Resp: 1982

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	58.7	57.3	85.9





#29
Tetrahydrofuran
Concen: 4.507 ug/l
RT: 7.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

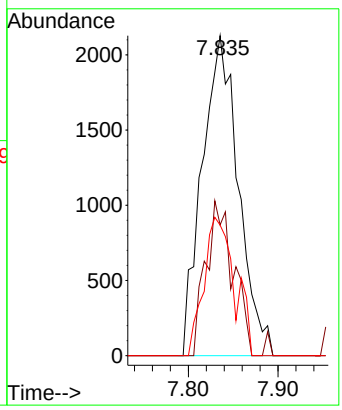
Tgt Ion: 42 Resp: 598

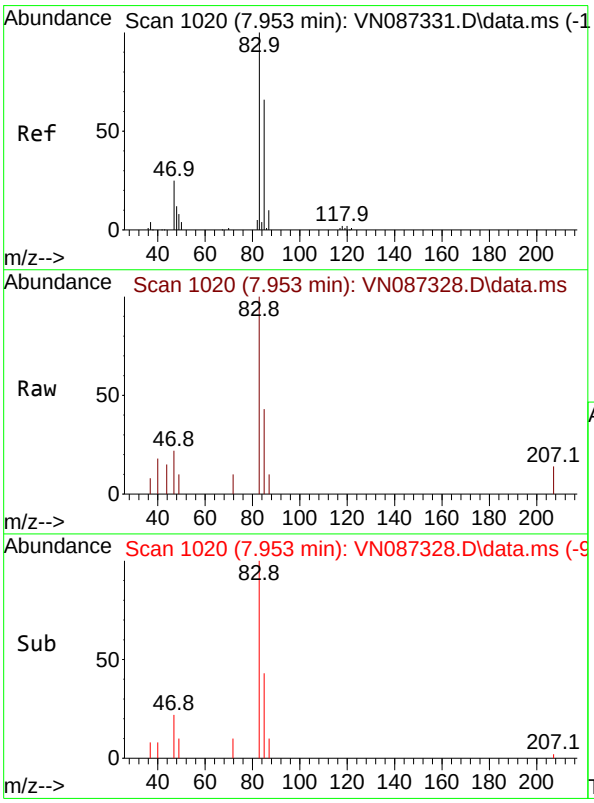
Ion	Ratio	Lower	Upper
42	100		
72	37.1	33.4	50.0
71	36.3	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

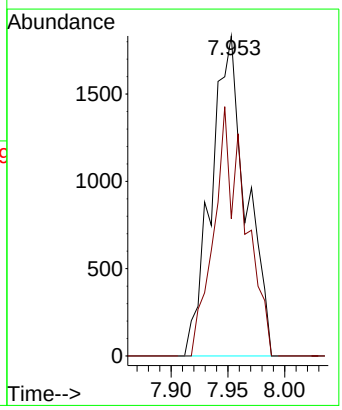


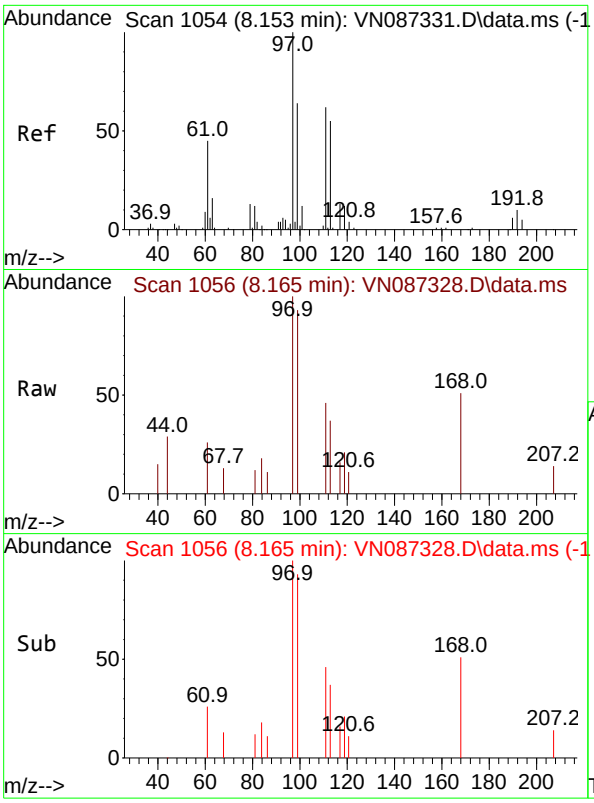


#30
Chloroform
Concen: 0.943 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 83 Resp: 3924

Ion	Ratio	Lower	Upper
83	100		
85	42.9	52.7	79.1#

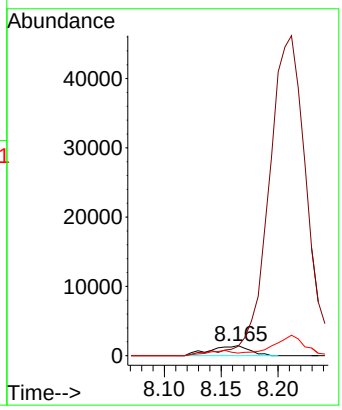




#32
1,1,1-Trichloroethane
Concen: 0.963 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 97 Resp: 346

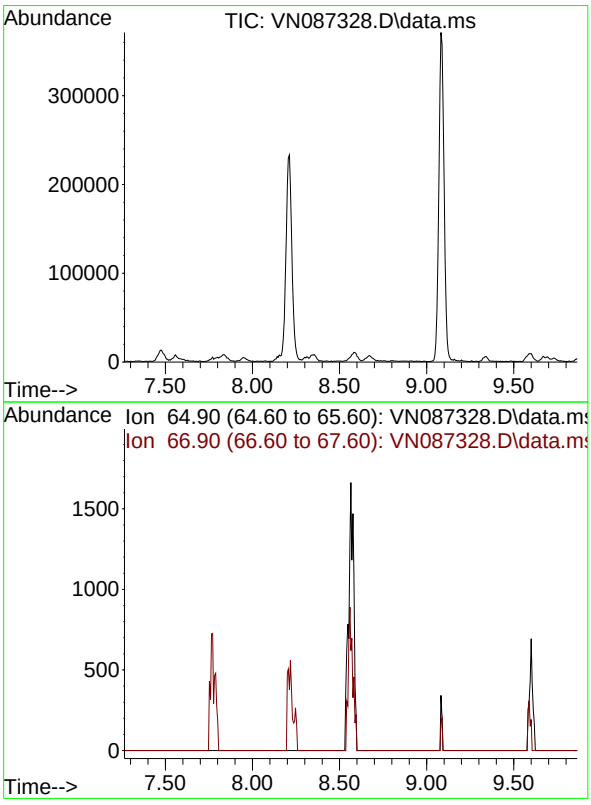
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	36.3	38.7	58.1#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

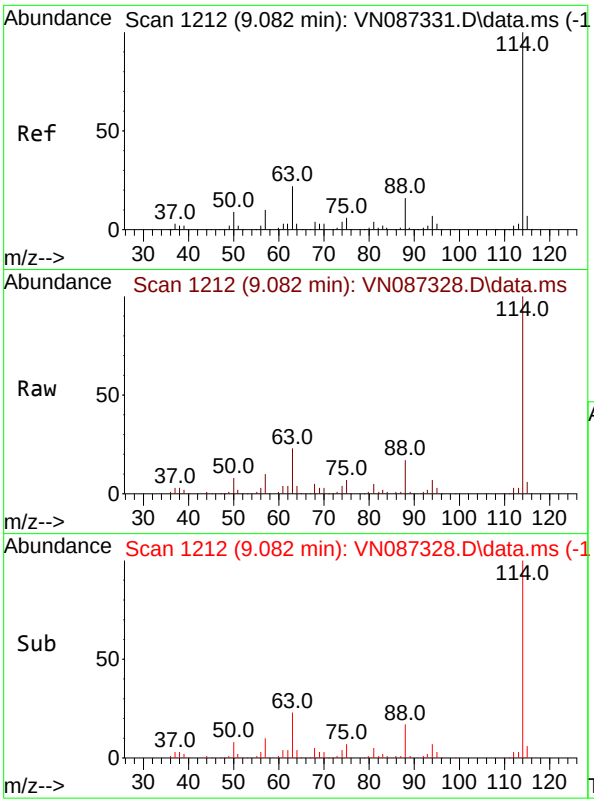


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.56 min

Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 65

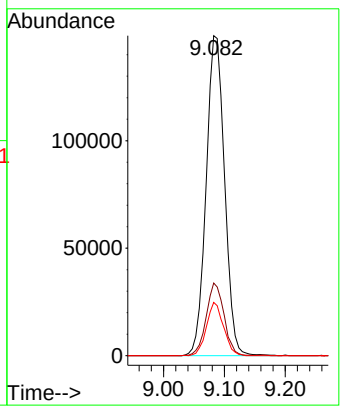
Sig	Exp Ratio
65	100
67	52.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:114 Resp: 31247

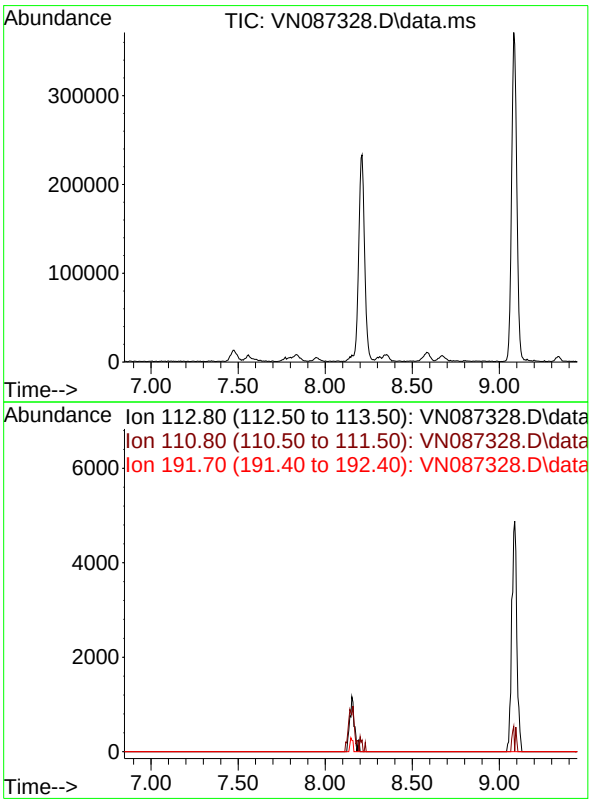
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.6
88	16.7	0.0	32.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
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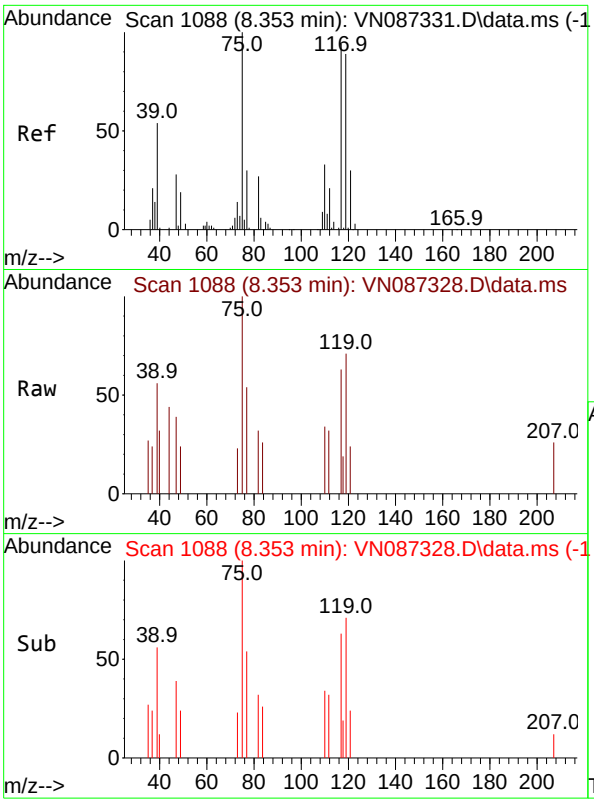


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.15 min

Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 113

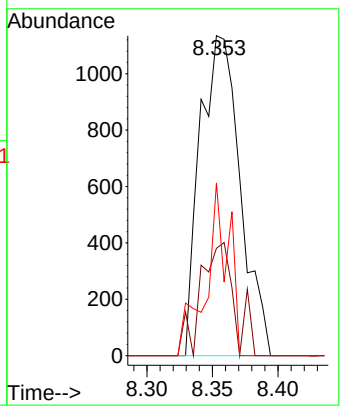
Sig	Exp Ratio
113	100
111	103.1
192	17.1



#36
1,1-Dichloropropene
Concen: 0.850 ug/l
RT: 8.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 75 Resp: 242

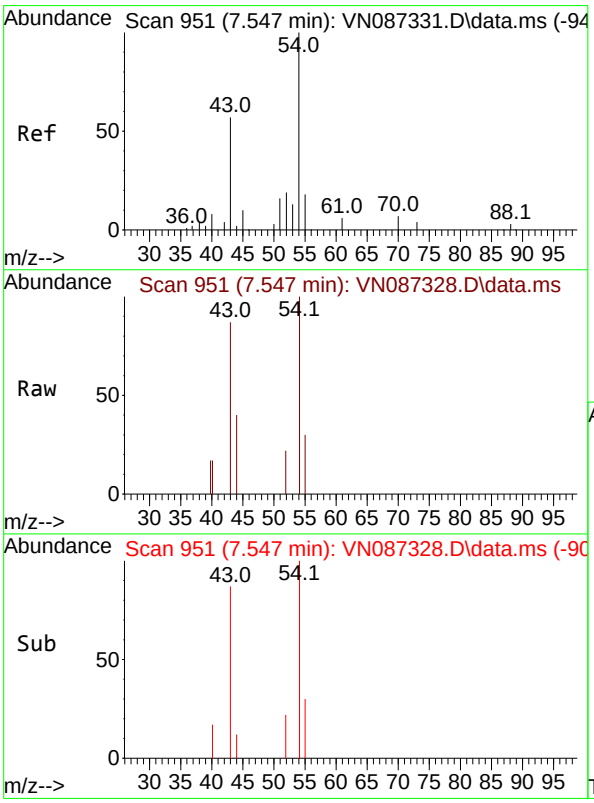
Ion	Ratio	Lower	Upper
75	100		
110	29.6	16.7	50.1
77	30.6	25.2	37.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

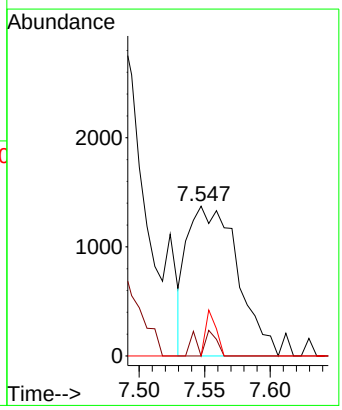
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

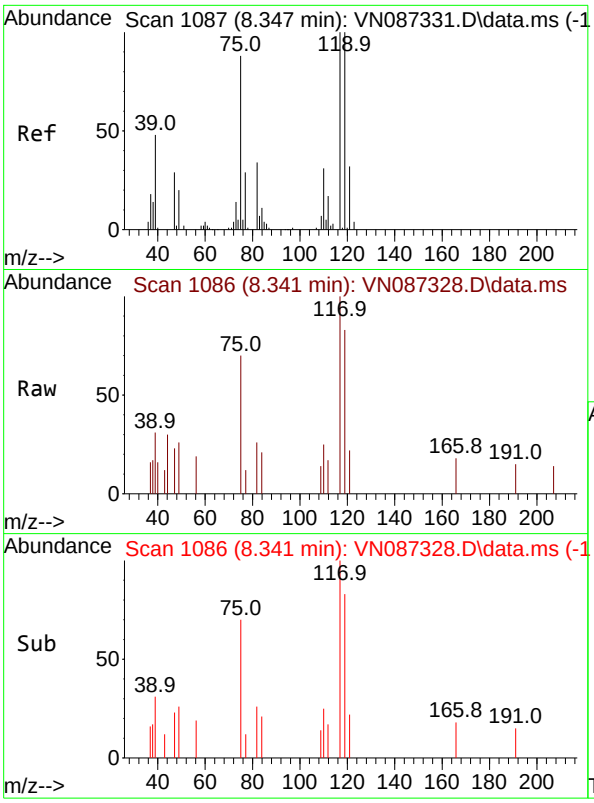


#37
Ethyl Acetate
Concen: 0.892 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 3670

Ion	Ratio	Lower	Upper
43	100		
61	3.7	10.9	16.3#
70	6.5	7.4	11.0#

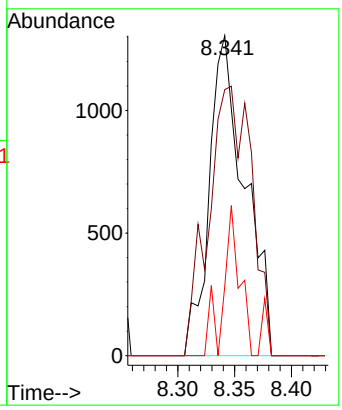




#38
Carbon Tetrachloride
Concen: 0.903 ug/l
RT: 8.341 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:117 Resp: 283

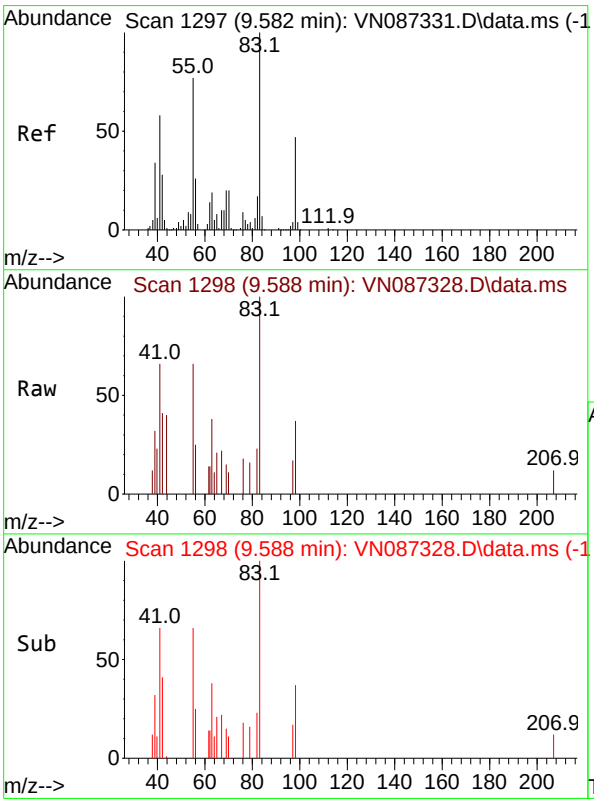
Ion	Ratio	Lower	Upper
117	100		
119	83.1	80.2	120.2
121	21.7	25.4	38.2#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

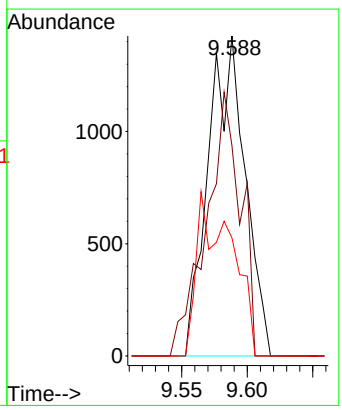
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

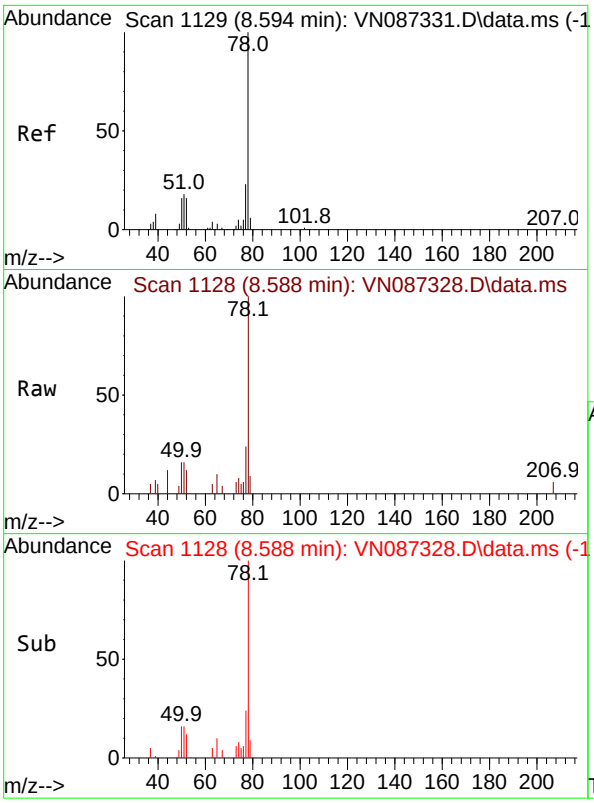


#39
Methylcyclohexane
Concen: 0.906 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 83 Resp: 2794

Ion	Ratio	Lower	Upper
83	100		
55	65.7	61.3	91.9
98	36.9	37.9	56.9#

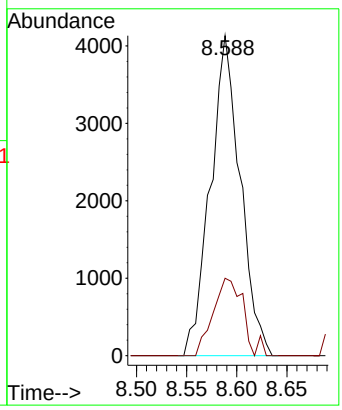




#40
Benzene
Concen: 0.930 ug/l
RT: 8.588 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 78 Resp: 856

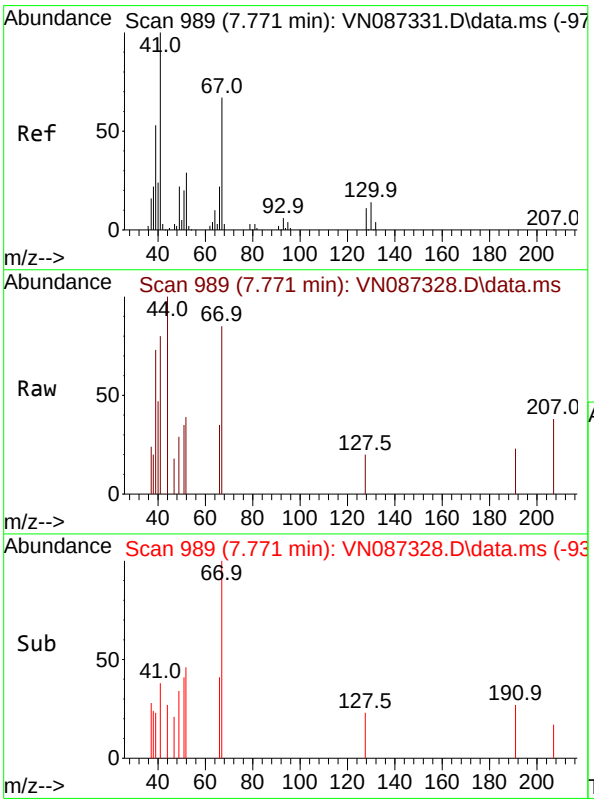
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

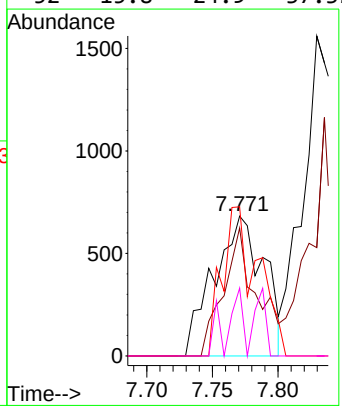
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

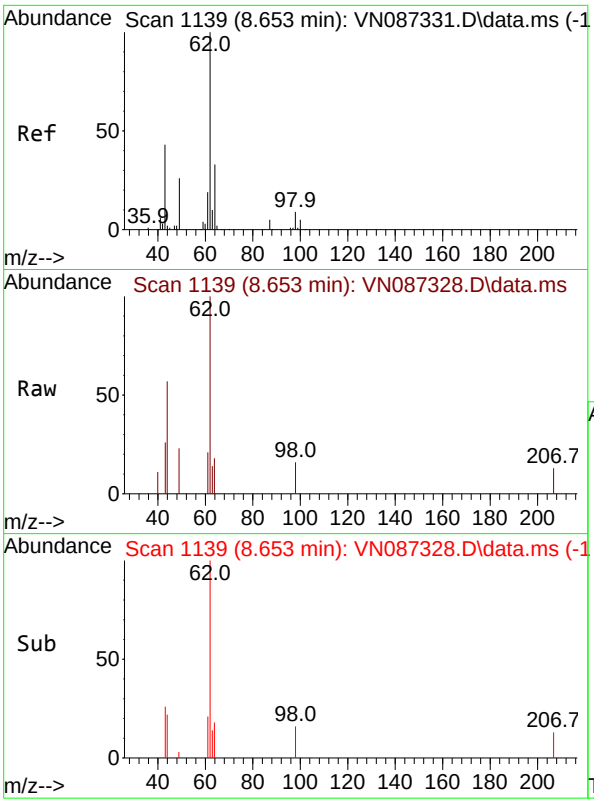


#41
Methacrylonitrile
Concen: 0.839 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 41 Resp: 1805

Ion	Ratio	Lower	Upper
41	100		
39	60.9	43.4	65.0
67	76.1	55.1	82.7
52	15.8	24.9	37.3#

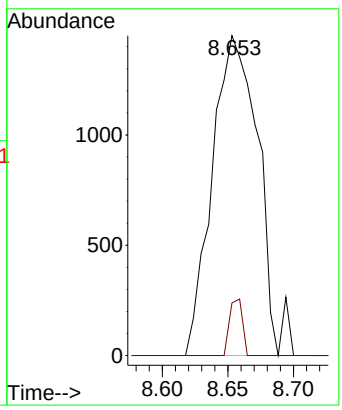




#42
1,2-Dichloroethane
Concen: 0.990 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 62 Resp: 345

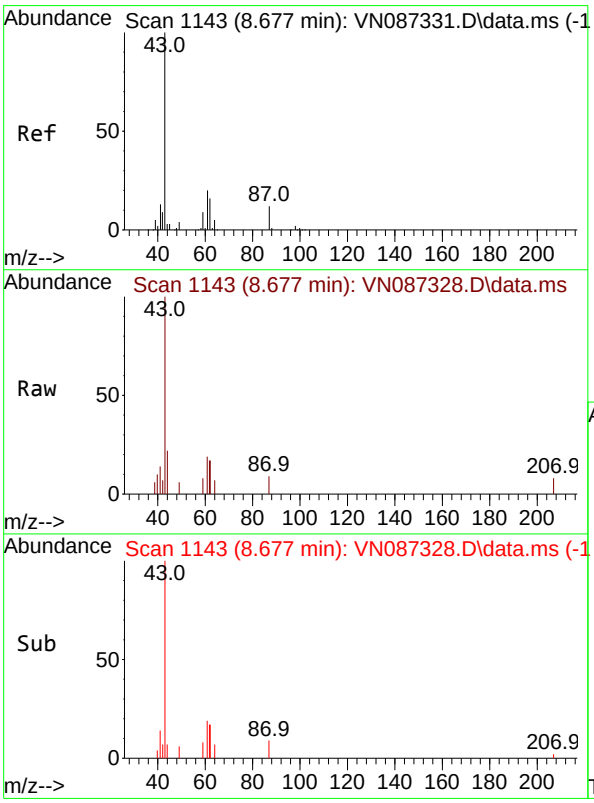
Ion	Ratio	Lower	Upper
62	100		
98	5.1	0.0	18.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

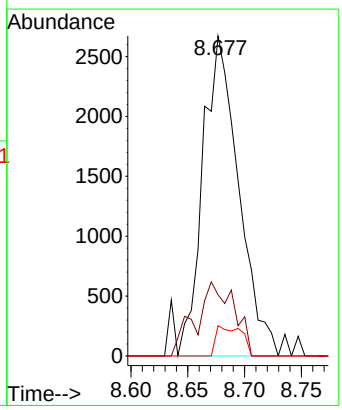
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

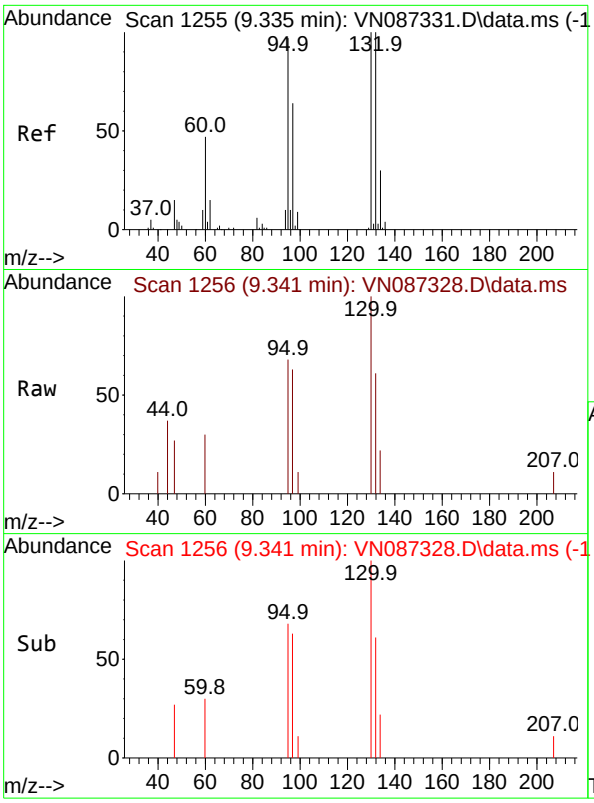


#43
Isopropyl Acetate
Concen: 0.919 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 5865

Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.8	29.8
87	6.6	9.8	14.6#

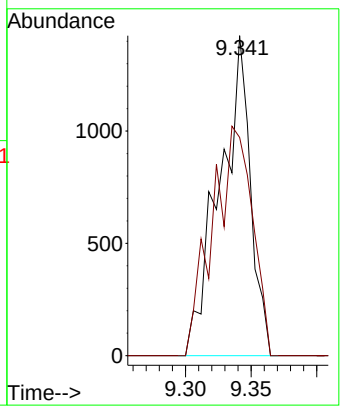




#44
Trichloroethene
Concen: 1.072 ug/l
RT: 9.341 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:130 Resp: 233

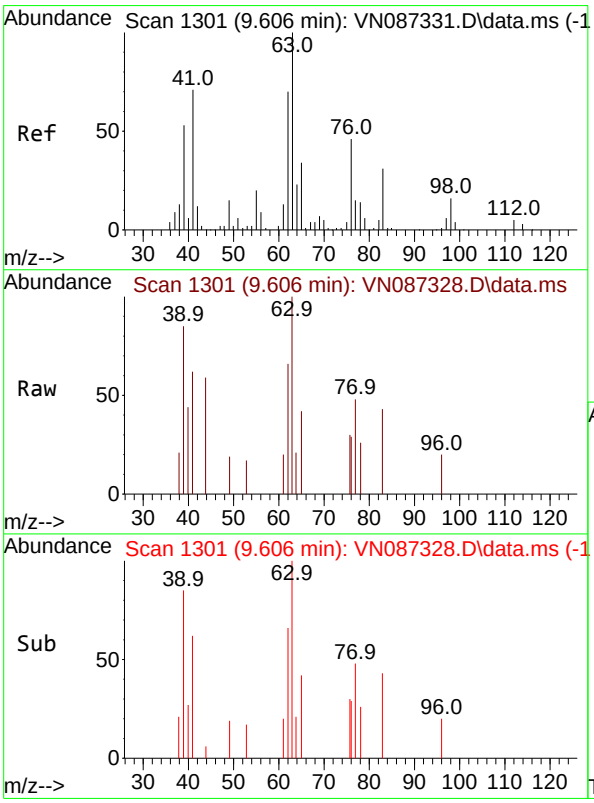
Ion	Ratio	Lower	Upper
130	100		
95	68.2	0.0	195.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

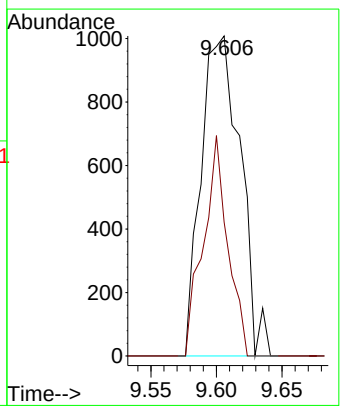
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

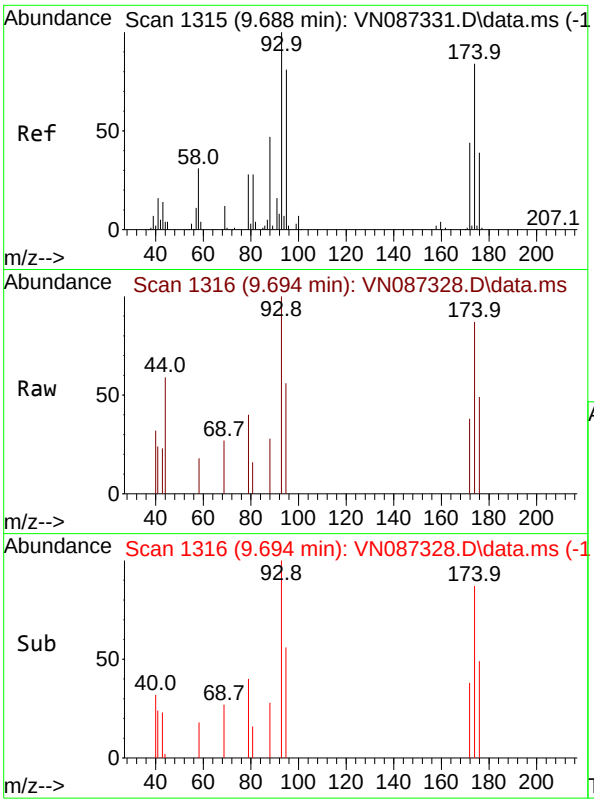


#45
1,2-Dichloropropane
Concen: 0.895 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 63 Resp: 2094

Ion	Ratio	Lower	Upper
63	100		
65	41.9	27.0	40.4#

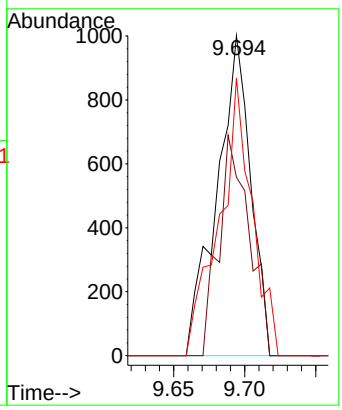




#46
Dibromomethane
Concen: 0.946 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 93 Resp: 165

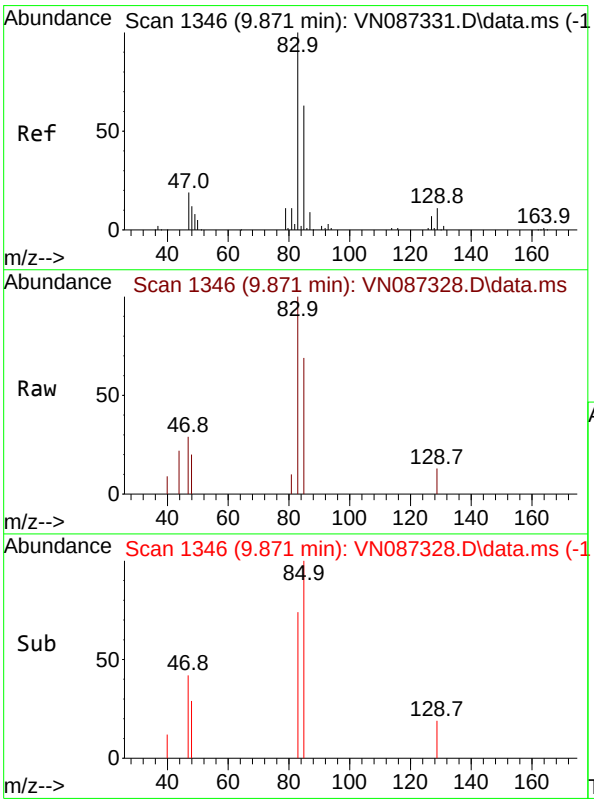
Ion	Ratio	Lower	Upper
93	100		
95	62.2	65.8	98.8#
174	84.2	69.9	104.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

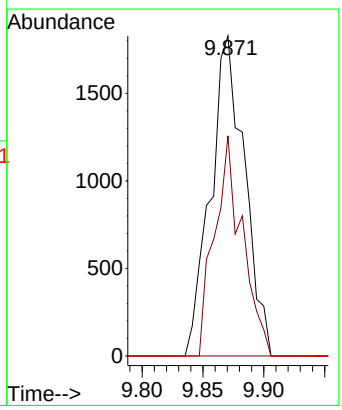
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

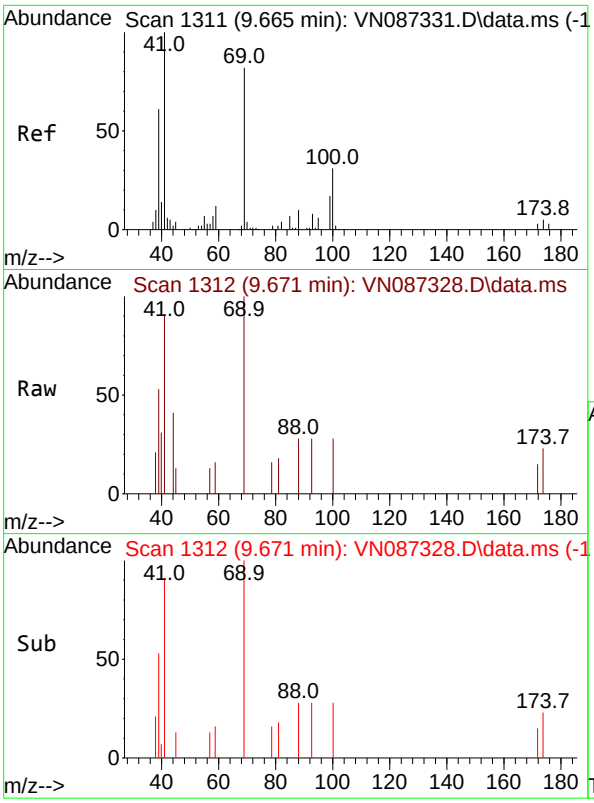


#47
Bromodichloromethane
Concen: 1.006 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 83 Resp: 3549

Ion	Ratio	Lower	Upper
83	100		
85	68.8	50.4	75.6
127	0.0	5.8	8.8#





#48
Methyl methacrylate
Concen: 0.808 ug/l
RT: 9.671 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

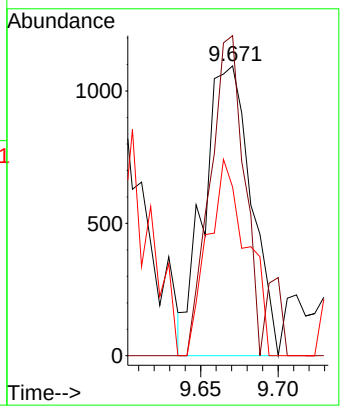
Tgt Ion: 41 Resp: 232

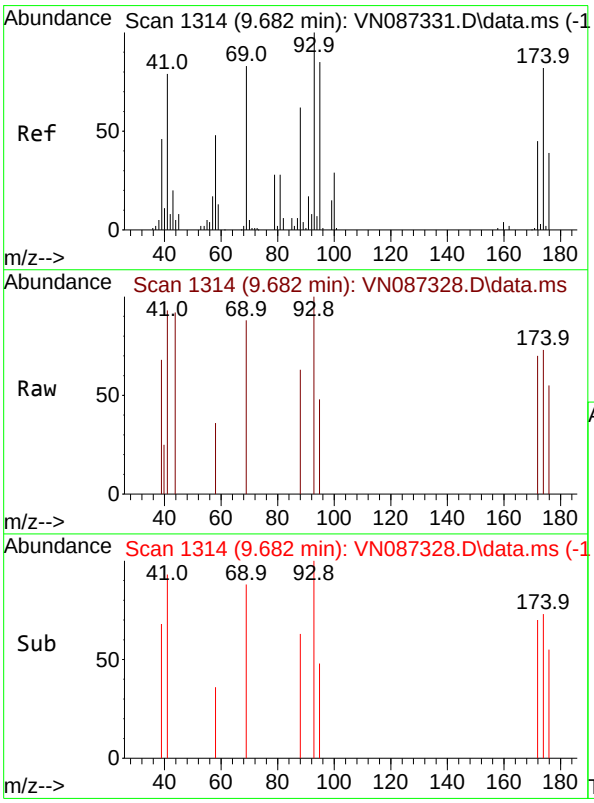
Ion	Ratio	Lower	Upper
41	100		
69	87.9	64.1	96.1
39	56.1	45.5	68.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

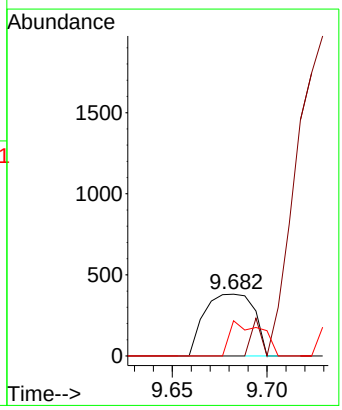


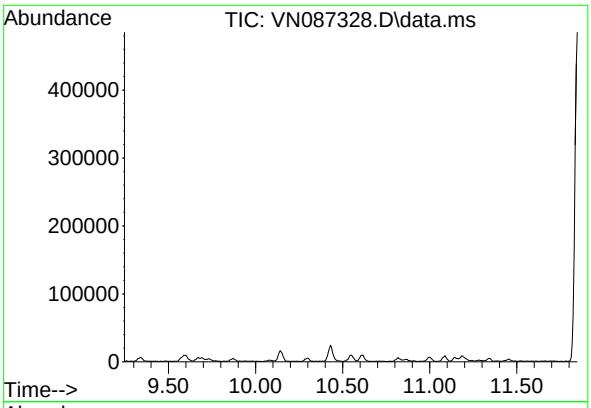


#49
1,4-Dioxane
Concen: 15.810 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 88 Resp: 696

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	35.9	61.1	91.7#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.55 min

Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

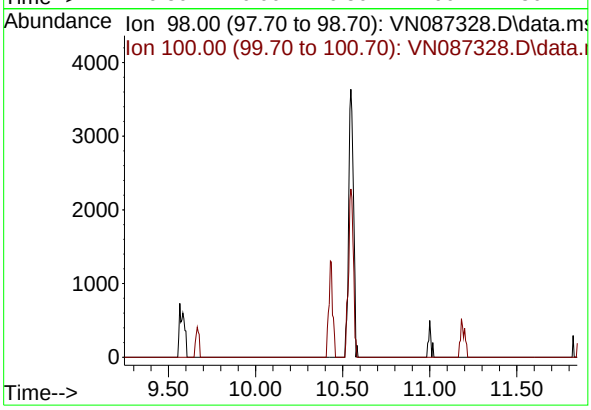
Tgt Ion: 98

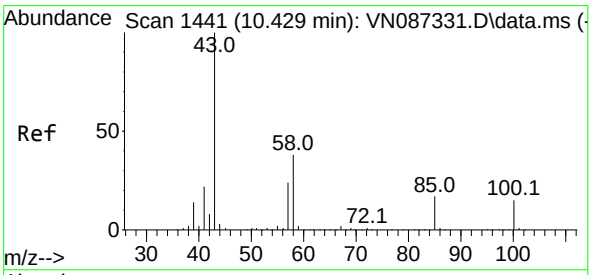
Sig	Exp Ratio
98	100
100	65.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

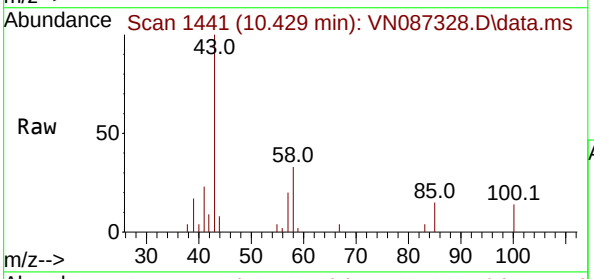


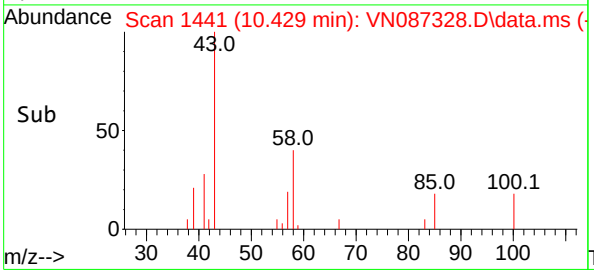


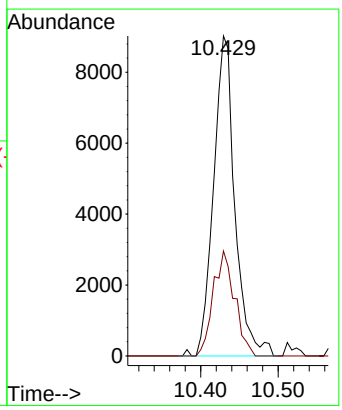
#51
4-Methyl-2-Pentanone
Concen: 4.263 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

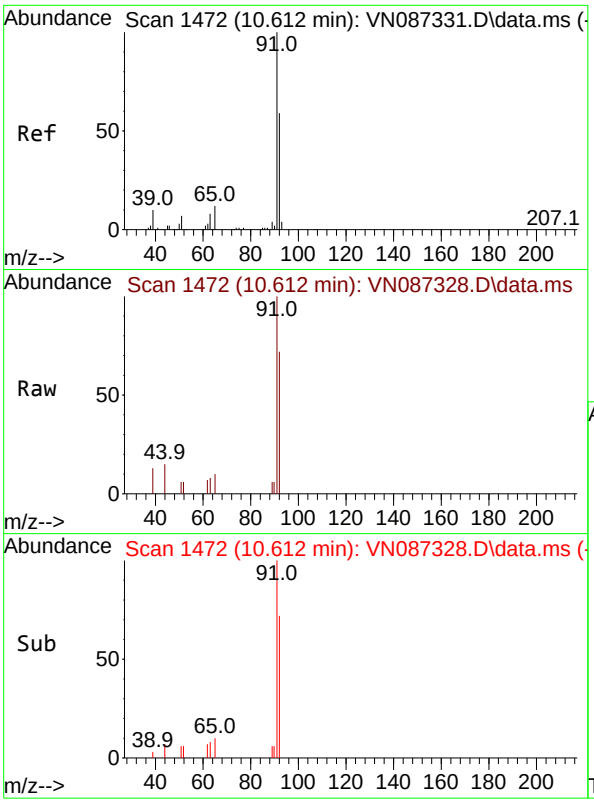
Tgt Ion: 43 Resp: 17216

Ion	Ratio	Lower	Upper
43	100		
58	33.0	30.8	46.2





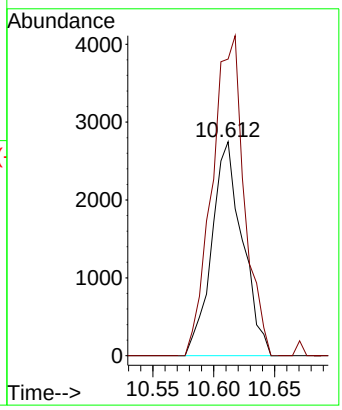




#52
Toluene
Concen: 0.864 ug/l
RT: 10.612 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 92 Resp: 483

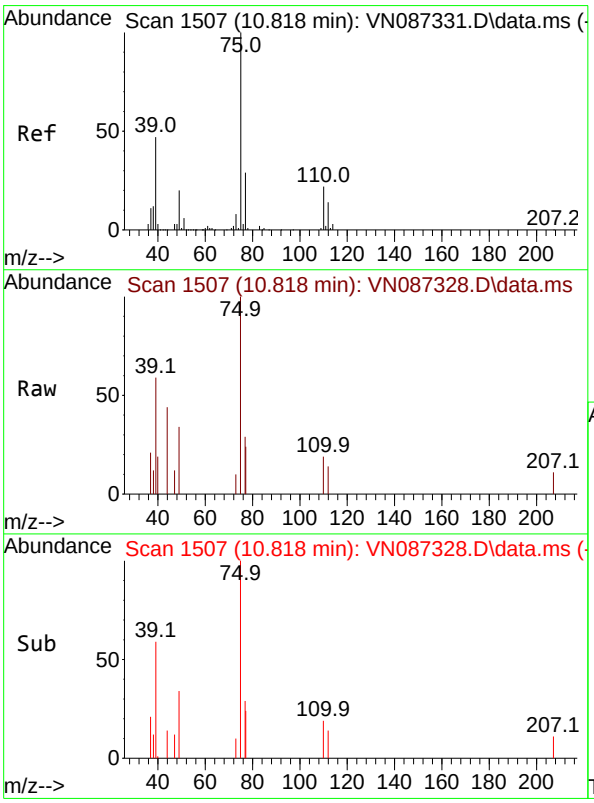
Ion	Ratio	Lower	Upper
92	100		
91	157.1	135.1	202.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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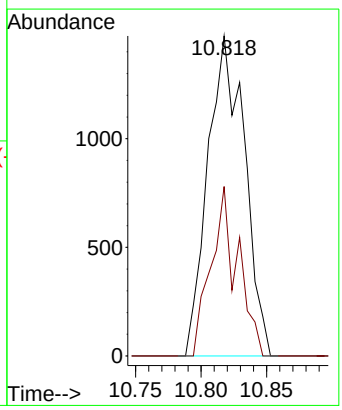
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

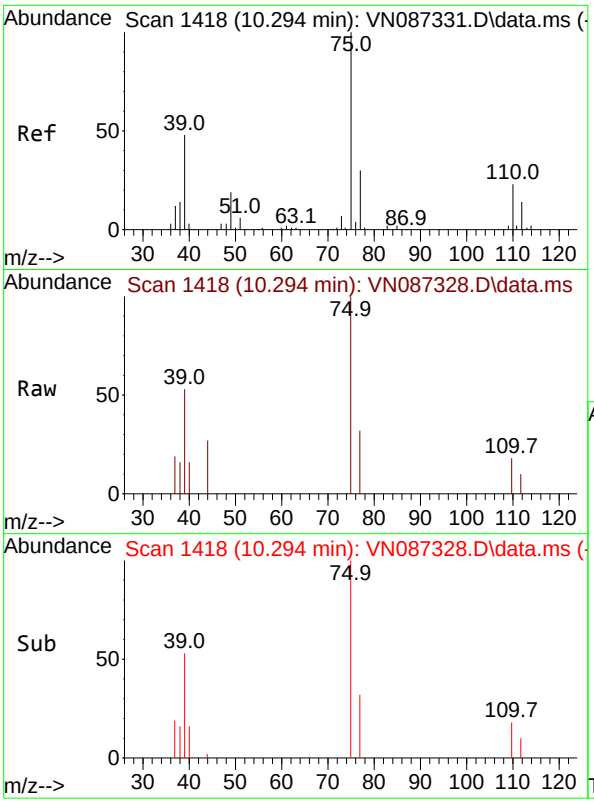


#53
t-1,3-Dichloropropene
Concen: 0.804 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 75 Resp: 2869

Ion	Ratio	Lower	Upper
75	100		
77	53.0	23.6	35.4#

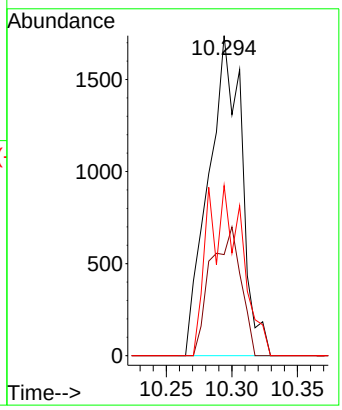




#54
cis-1,3-Dichloropropene
Concen: 0.830 ug/l
RT: 10.294 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 75 Resp: 305

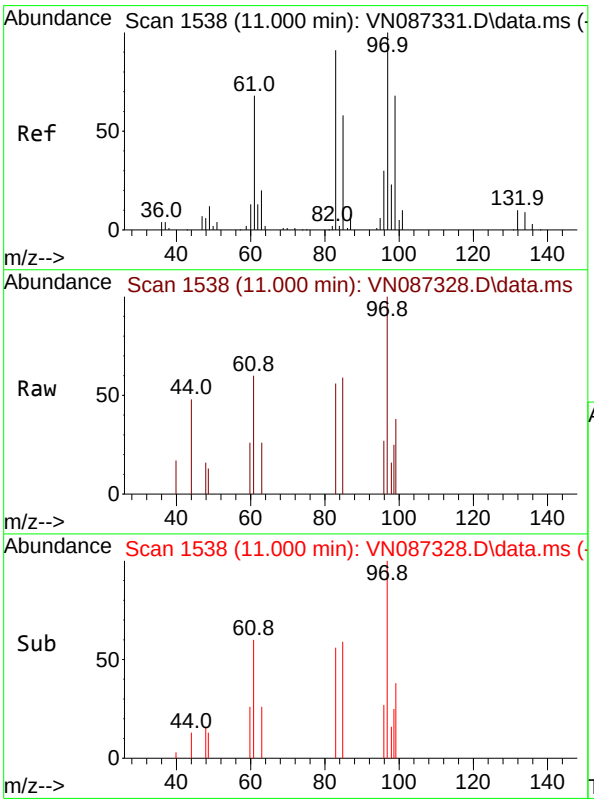
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.2	36.2
39	53.2	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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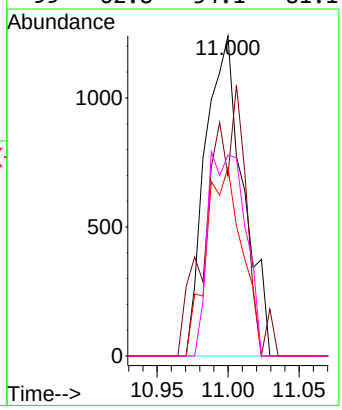
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

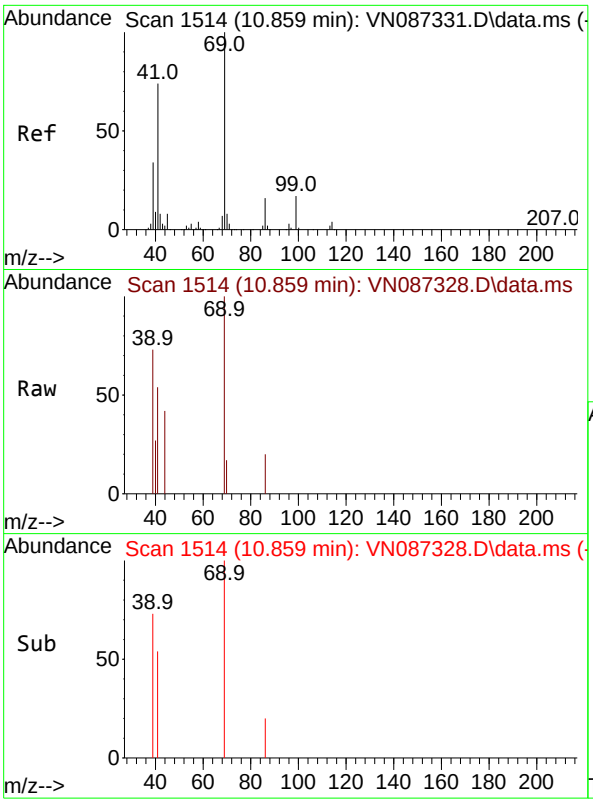


#55
1,1,2-Trichloroethane
Concen: 1.013 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 97 Resp: 2294

Ion	Ratio	Lower	Upper
97	100		
83	56.4	72.6	109.0#
85	58.9	46.7	70.1
99	62.8	54.1	81.1

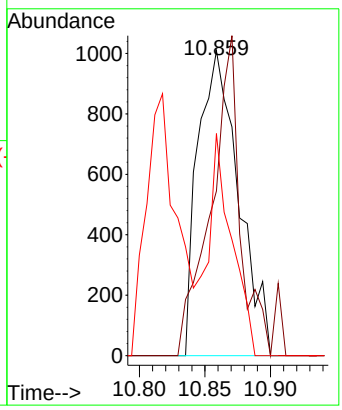




#56
Ethyl methacrylate
Concen: 1.217 ug/l
RT: 10.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 69 Resp: 217

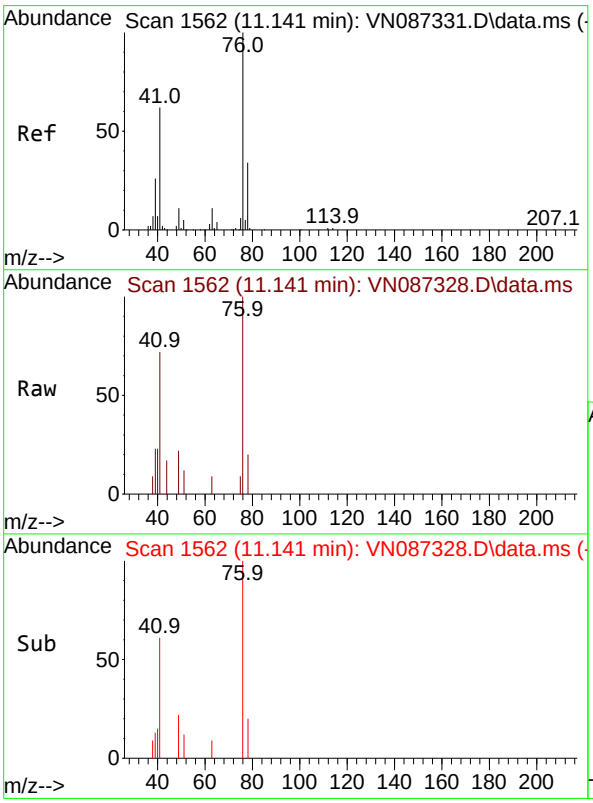
Ion	Ratio	Lower	Upper
69	100		
41	75.4	55.1	82.7
39	42.6	27.9	41.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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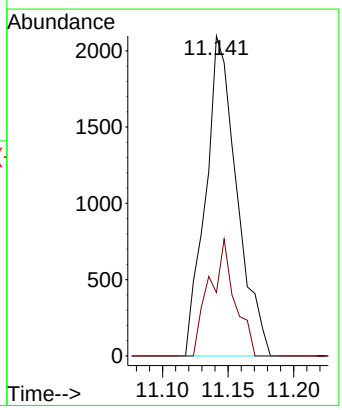
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

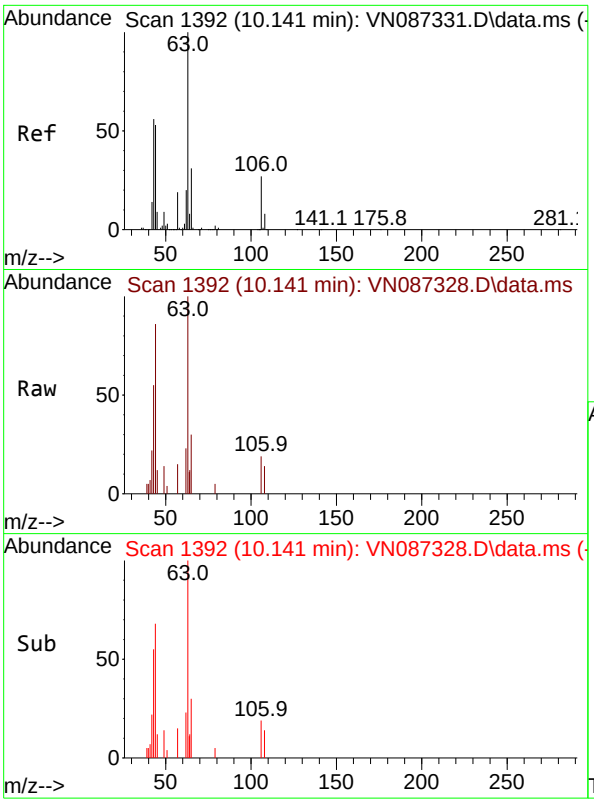


#57
1,3-Dichloropropane
Concen: 0.888 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 76 Resp: 3477

Ion	Ratio	Lower	Upper
76	100		
78	29.5	26.0	39.0





#58
2-Chloroethyl Vinyl ether
Concen: 3.707 ug/l
RT: 10.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

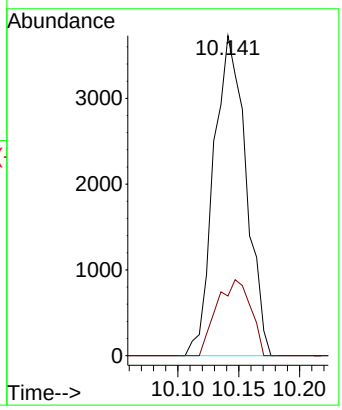
Tgt Ion: 63 Resp: 688

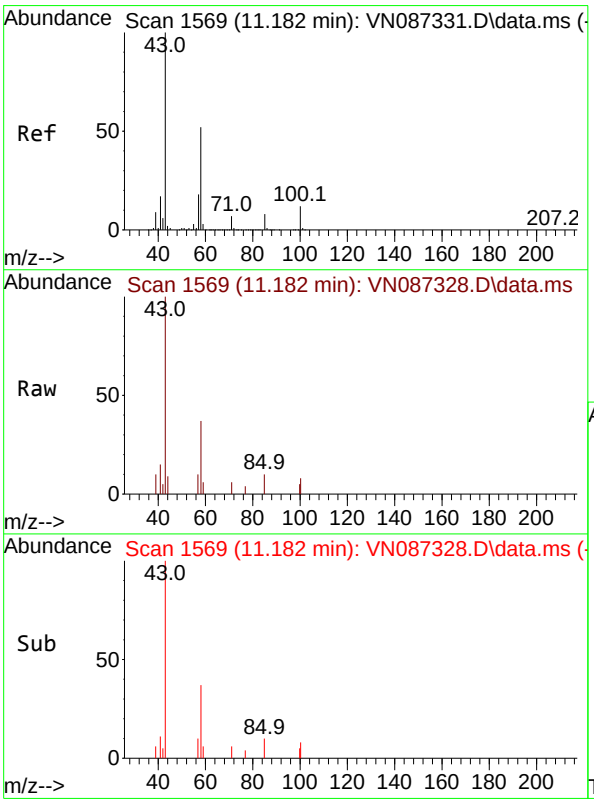
Ion	Ratio	Lower	Upper
63	100		
106	24.9	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

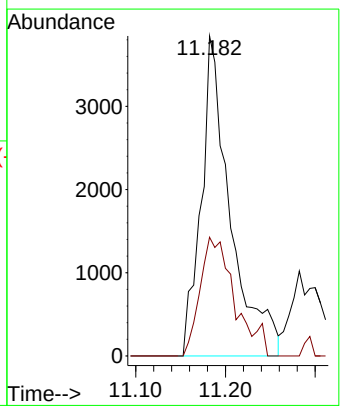


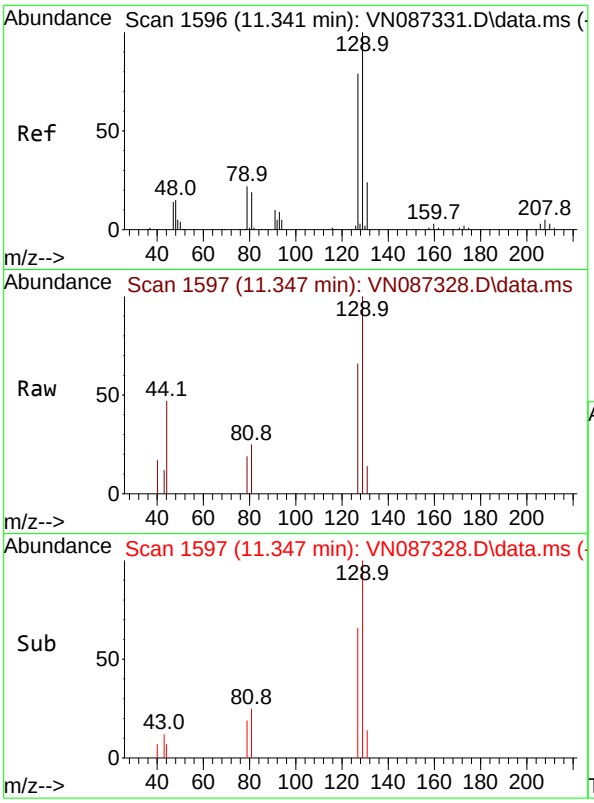


#59
2-Hexanone
Concen: 3.250 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 8707

Ion	Ratio	Lower	Upper
43	100		
58	43.8	26.7	80.0

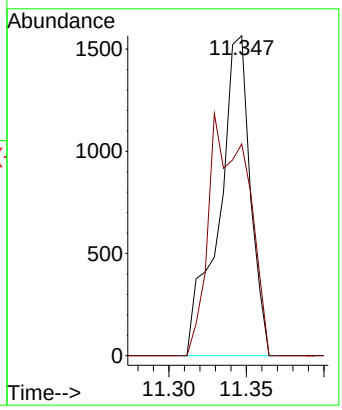




#60
Dibromochloromethane
Concen: 0.852 ug/l
RT: 11.347 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:129 Resp: 220

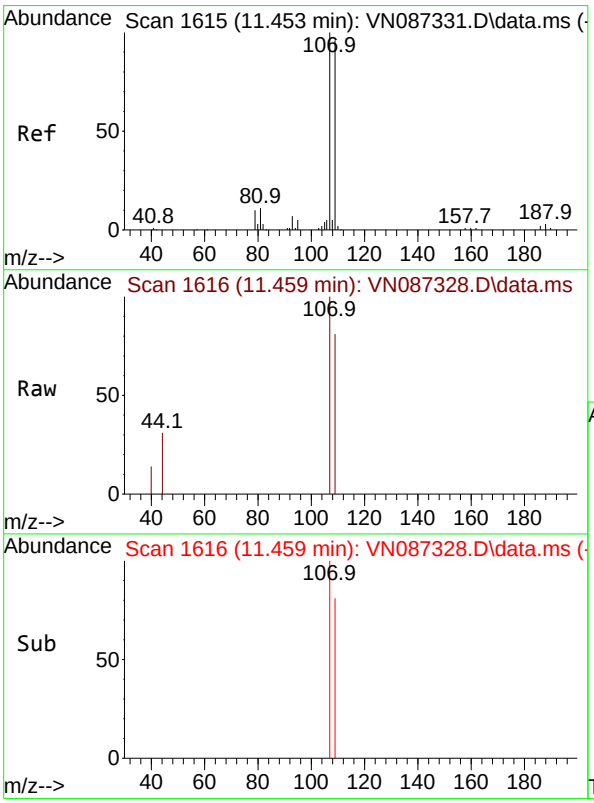
Ion	Ratio	Lower	Upper
129	100		
127	93.6	39.1	117.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

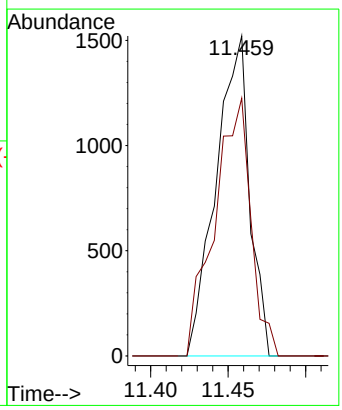
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

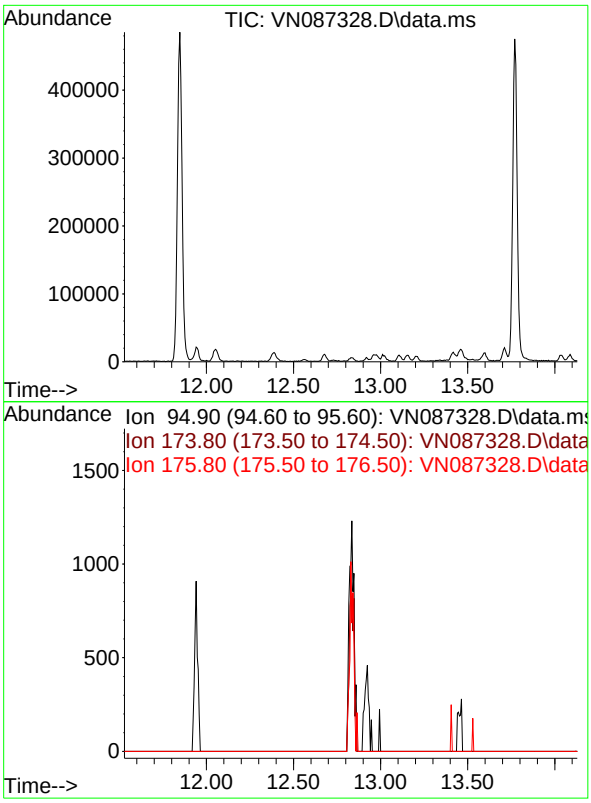


#61
1,2-Dibromoethane
Concen: 0.962 ug/l
RT: 11.459 min Scan# 1616
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:107 Resp: 2291

Ion	Ratio	Lower	Upper
107	100		
109	87.3	77.5	116.3





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.83 min

Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

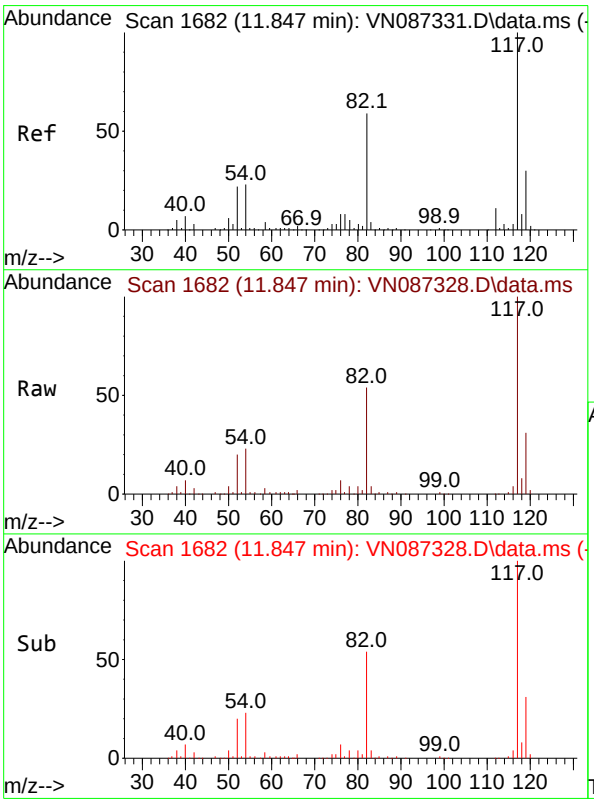
Tgt Ion: 95

Sig	Exp Ratio
95	100
174	74.7
176	70.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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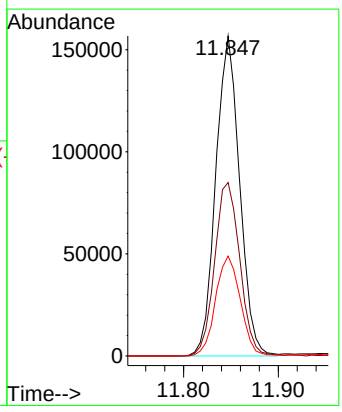
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

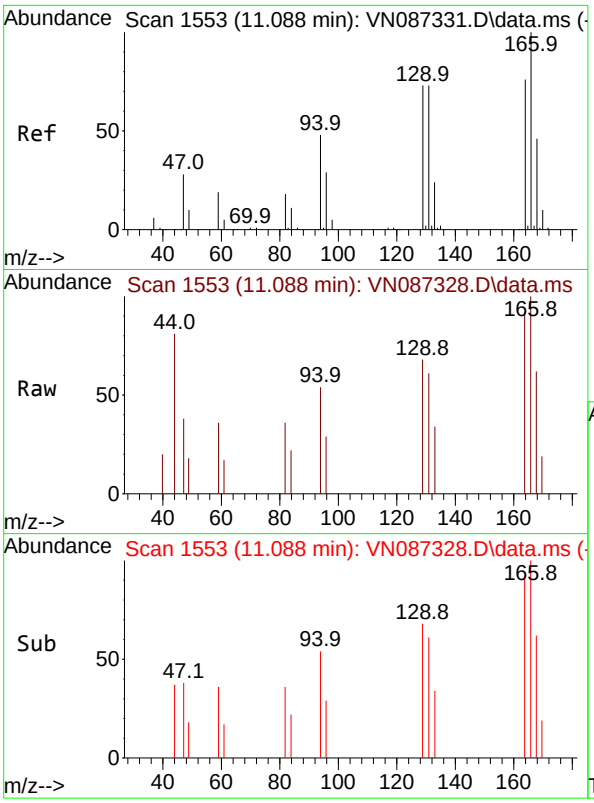


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:117 Resp: 274838

Ion	Ratio	Lower	Upper
117	100		
82	54.2	47.4	71.2
119	31.2	23.8	35.8

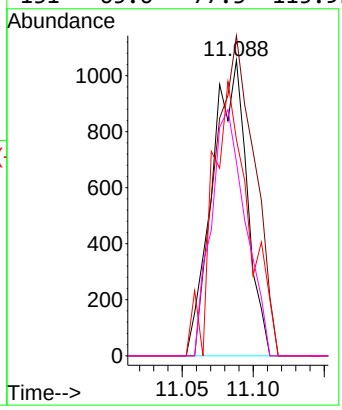




#64
Tetrachloroethene
Concen: 1.022 ug/l
RT: 11.088 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:164 Resp: 180

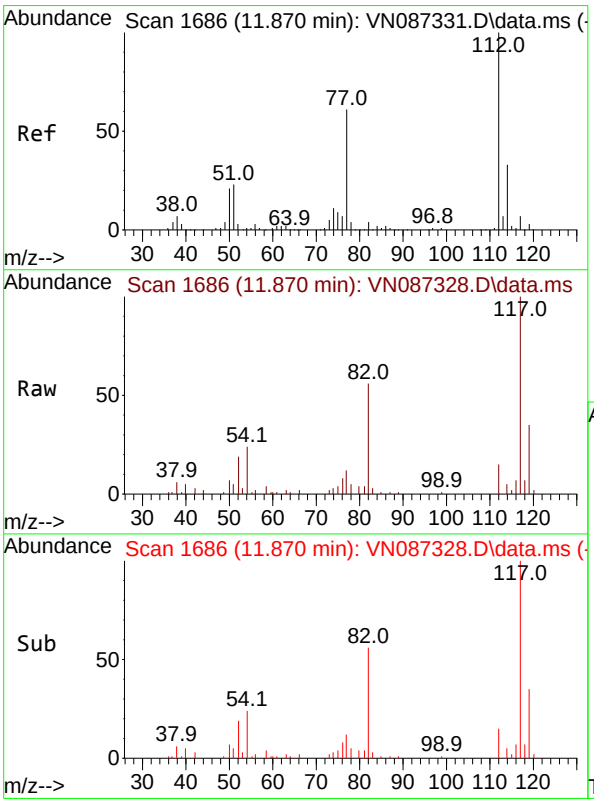
Ion	Ratio	Lower	Upper
164	100		
166	108.3	105.5	158.3
129	73.2	77.4	116.2#
131	65.6	77.3	115.9#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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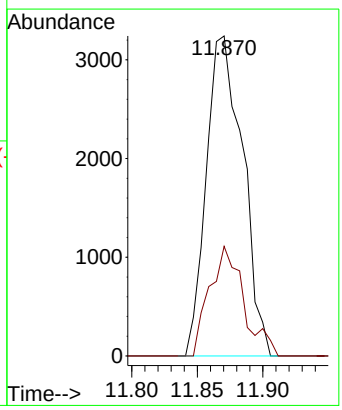
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

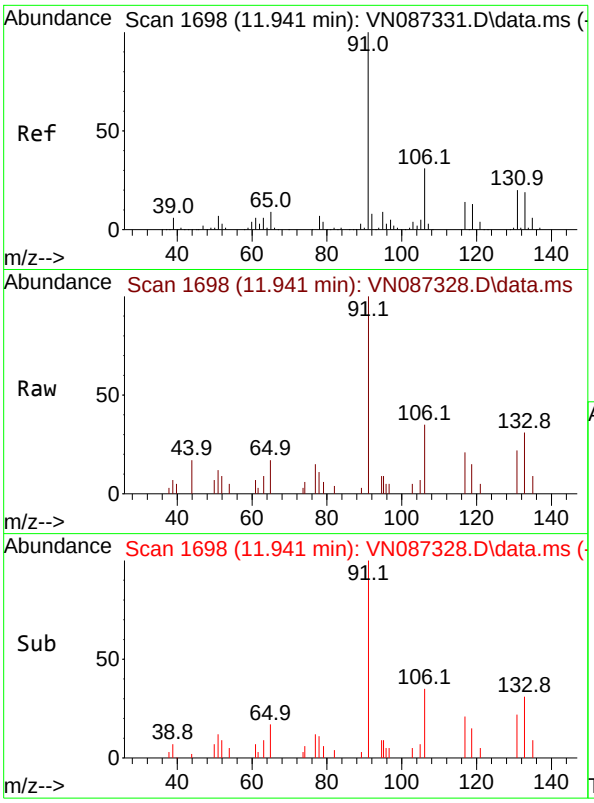


#65
Chlorobenzene
Concen: 1.014 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:112 Resp: 6259

Ion	Ratio	Lower	Upper
112	100		
114	34.3	26.5	39.7

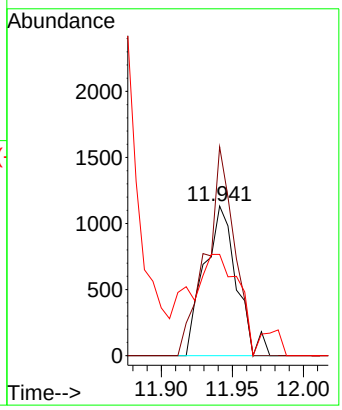




#66
1,1,1,2-Tetrachloroethane
Concen: 0.850 ug/l
RT: 11.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:131 Resp: 178

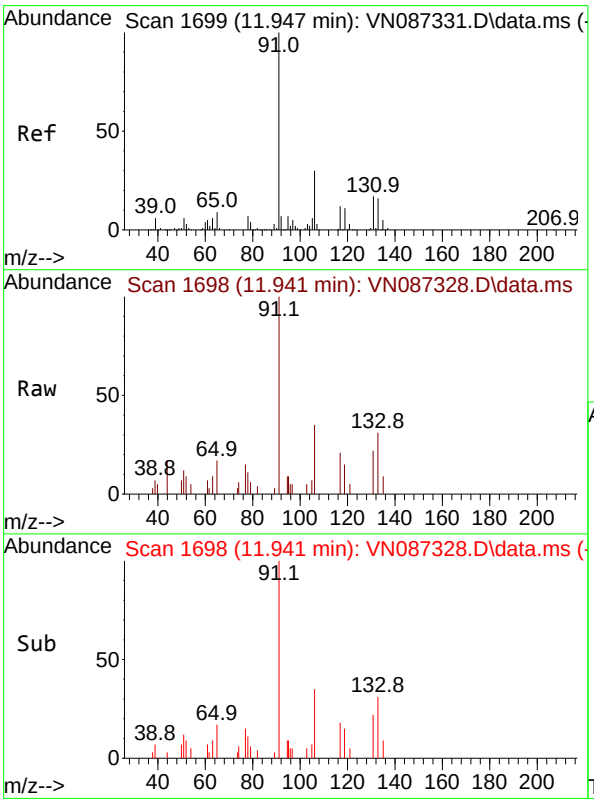
Ion	Ratio	Lower	Upper
131	100		
133	120.9	47.4	142.3
119	0.0	33.1	99.2#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

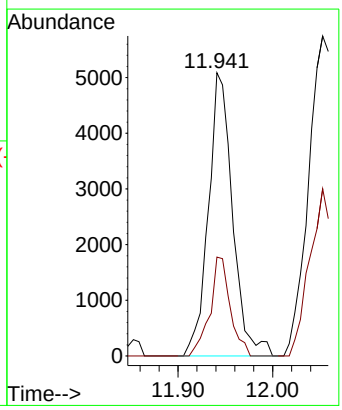
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

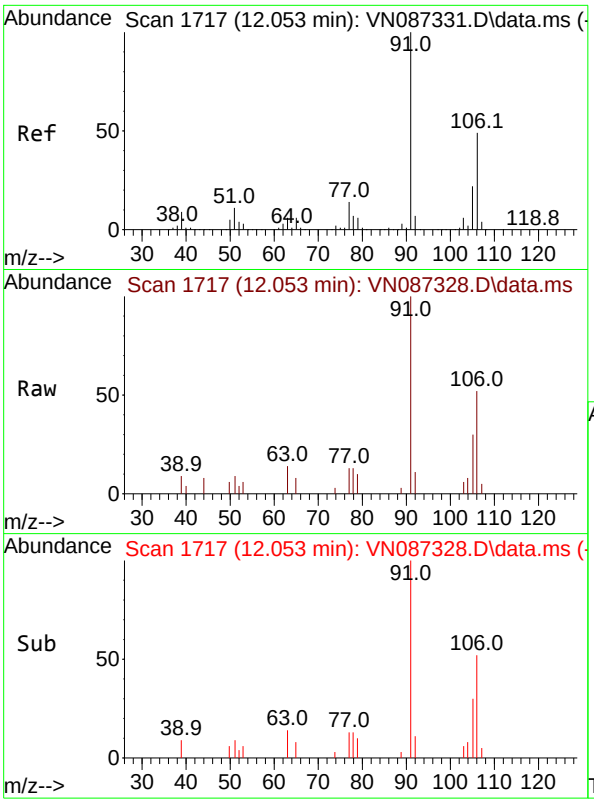


#67
Ethyl Benzene
Concen: 0.889 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 91 Resp: 9031

Ion	Ratio	Lower	Upper
91	100		
106	34.9	24.3	36.5





#68
m/p-Xylenes
Concen: 1.565 ug/l
RT: 12.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

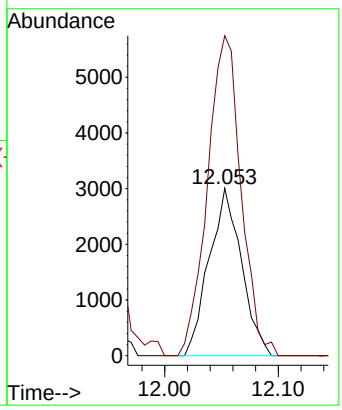
Tgt Ion:106 Resp: 595

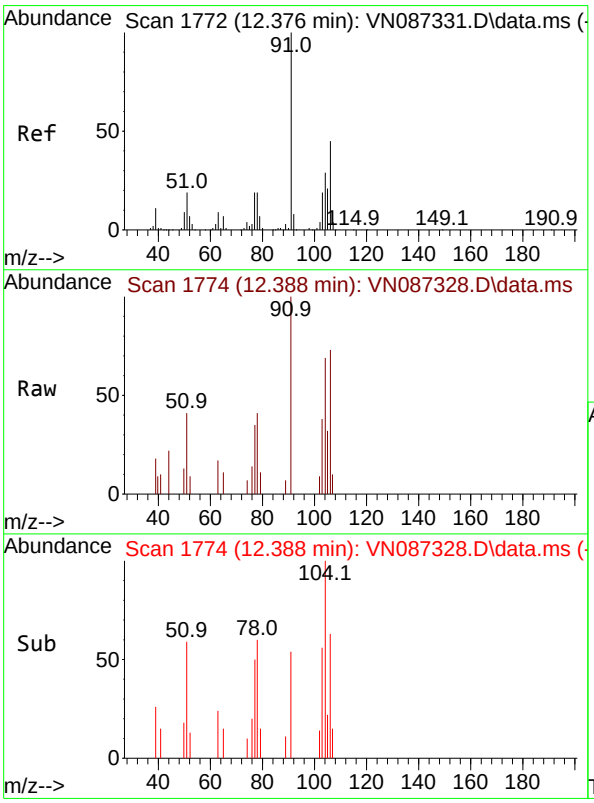
Ion	Ratio	Lower	Upper
106	100		
91	198.2	162.0	243.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

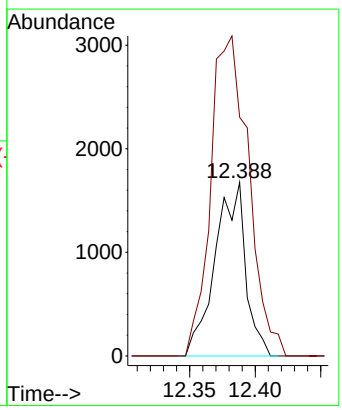


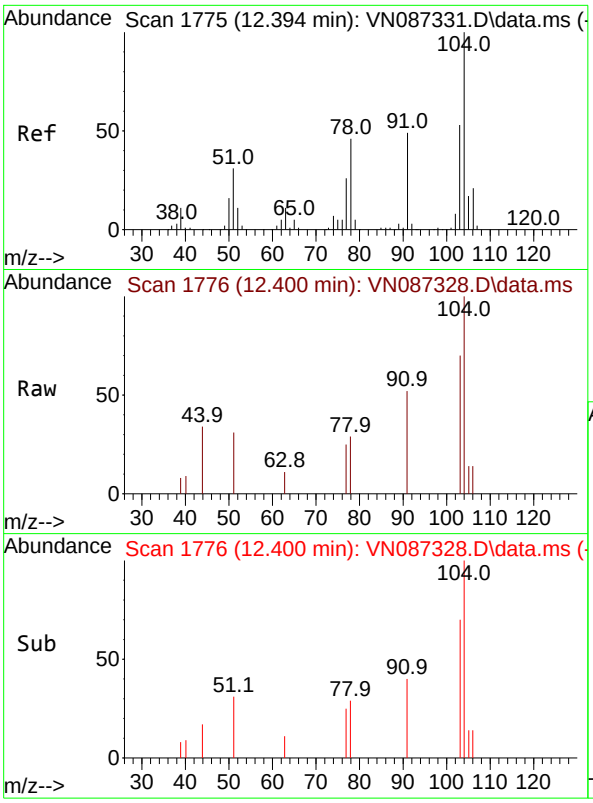


#69
o-Xylene
Concen: 0.743 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:106 Resp: 2700

Ion	Ratio	Lower	Upper
106	100		
91	229.8	107.7	323.3

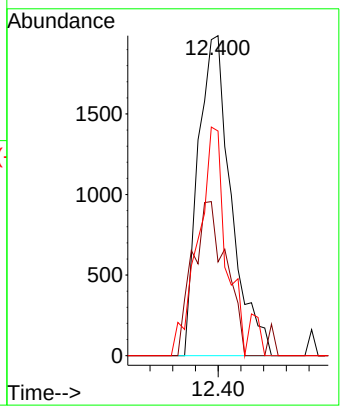




#70
Styrene
Concen: 0.653 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:104 Resp: 398

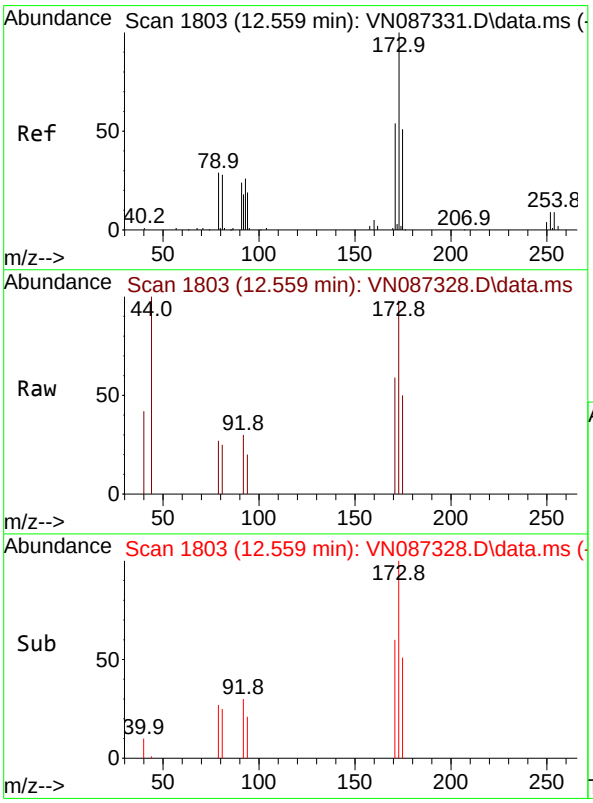
Ion	Ratio	Lower	Upper
104	100		
78	48.8	41.0	61.6
103	64.6	43.9	65.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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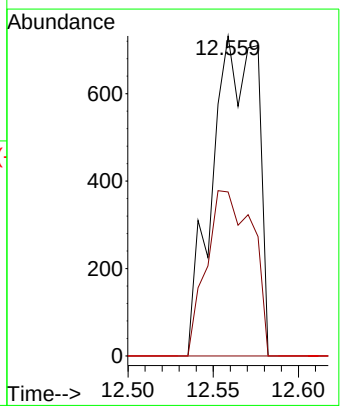
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

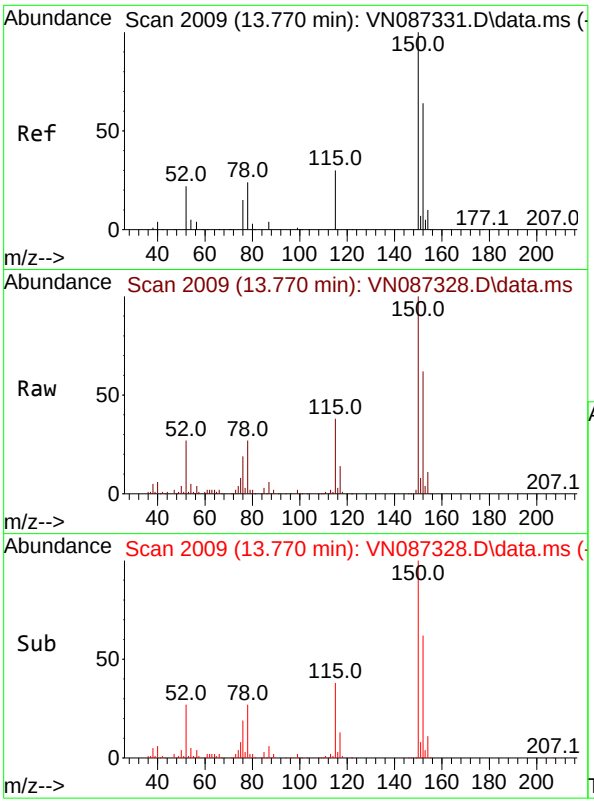


#71
Bromoform
Concen: 0.797 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:173 Resp: 1351

Ion	Ratio	Lower	Upper
173	100		
175	52.5	24.1	72.3
254	0.0	0.0	0.0

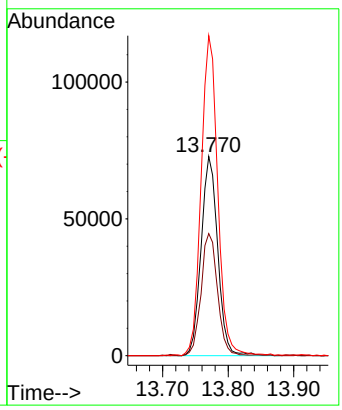




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:152 Resp: 12880

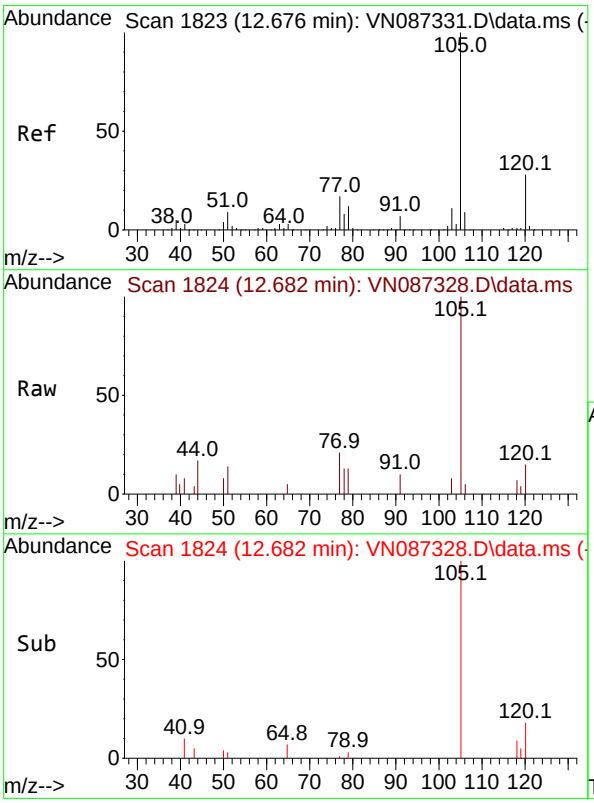
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.1	93.5
150	160.6	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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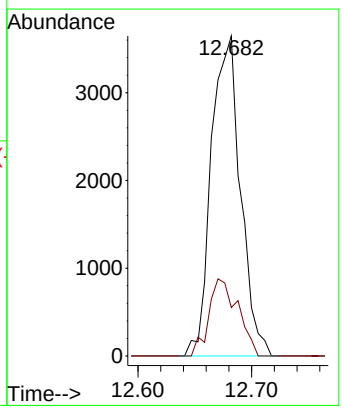
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

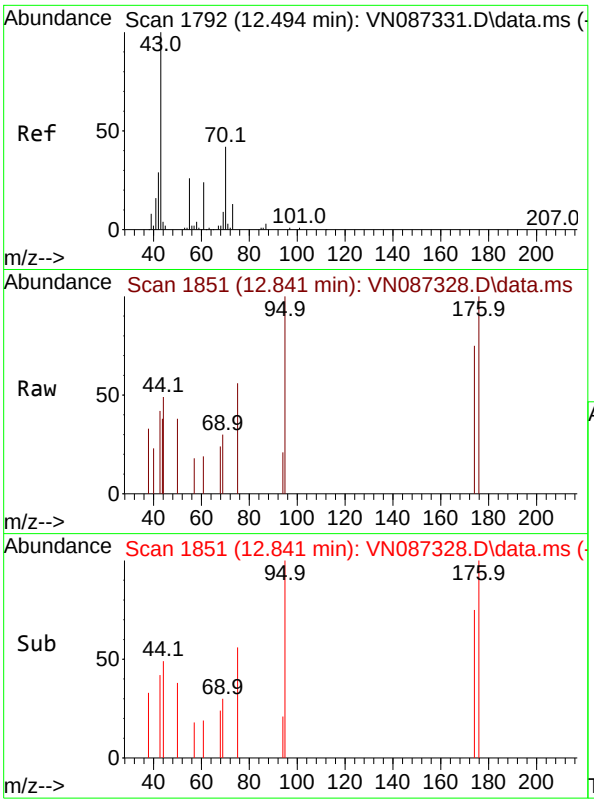


#73
Isopropylbenzene
Concen: 0.802 ug/l
RT: 12.682 min Scan# 1824
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:105 Resp: 6501

Ion	Ratio	Lower	Upper
105	100		
120	24.0	13.4	40.1

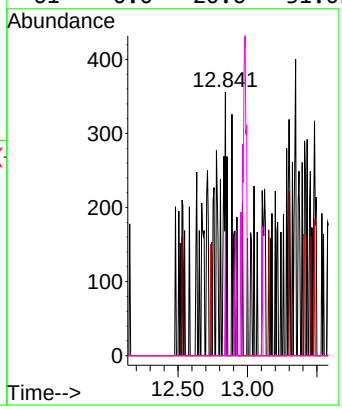




#74
N-amyl acetate
Concen: 1.065 ug/l m
RT: 12.841 min Scan# 1
Delta R.T. 0.347 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 337

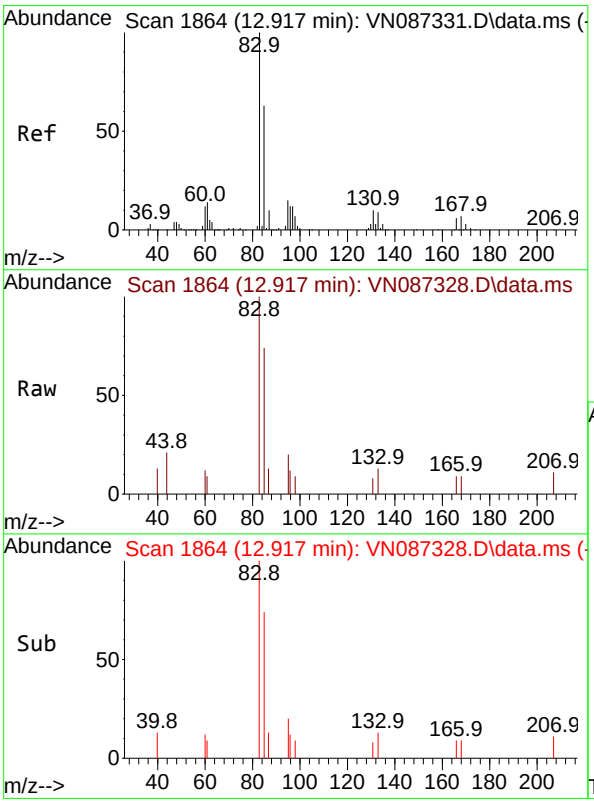
Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.6	56.4#
55	0.0	19.6	29.4#
61	0.0	20.6	31.0#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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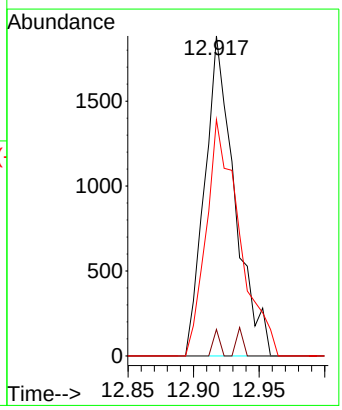
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

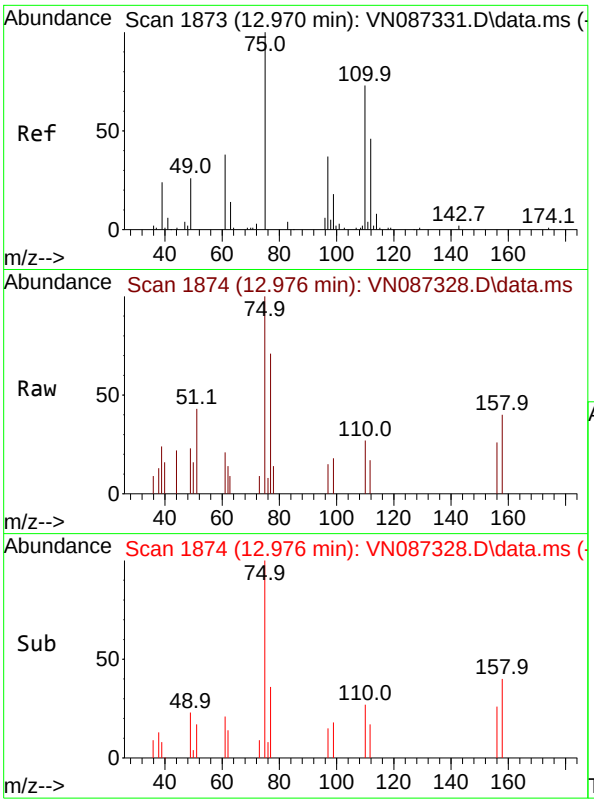


#75
1,1,2,2-Tetrachloroethane
Concen: 0.979 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 83 Resp: 2986

Ion	Ratio	Lower	Upper
83	100		
131	1.8	5.1	15.3#
85	82.1	32.5	97.4





#76
1,2,3-Trichloropropane
Concen: 1.089 ug/l m
RT: 12.976 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

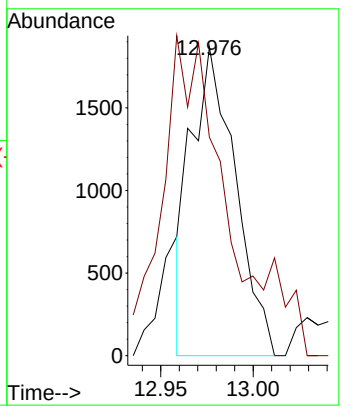
Tgt Ion: 75 Resp: 311

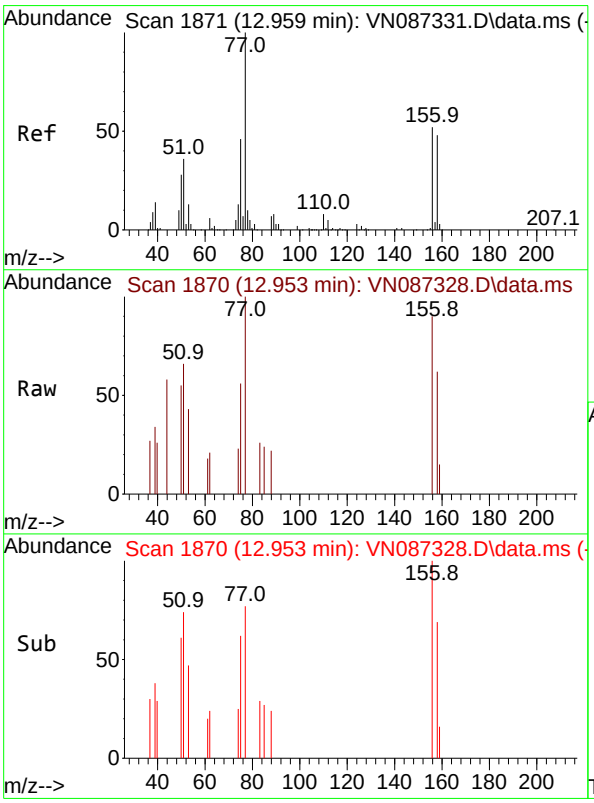
Ion	Ratio	Lower	Upper
75	100		
77	153.5	94.5	283.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

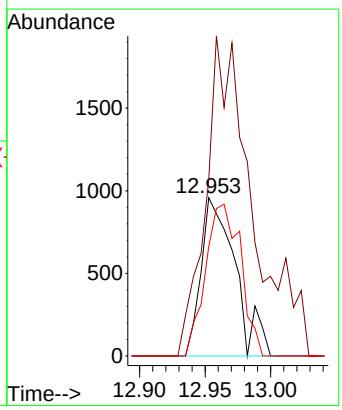


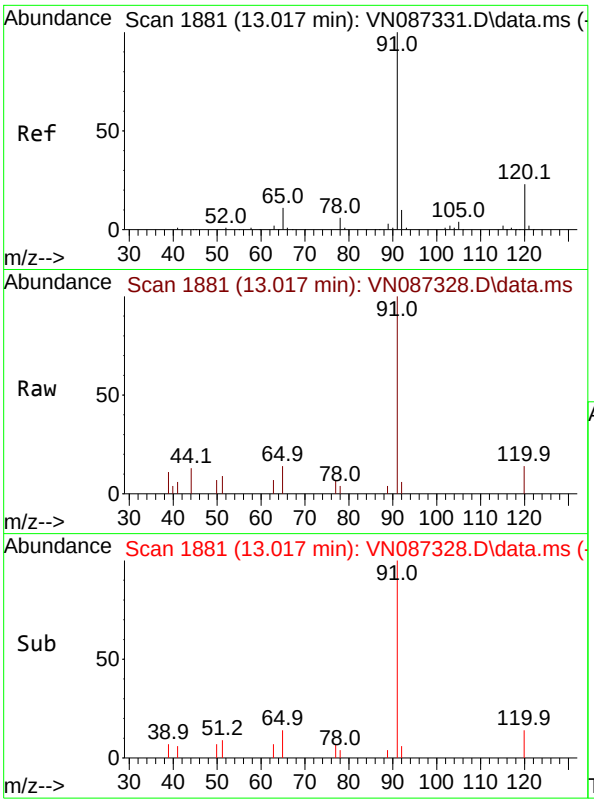


#77
Bromobenzene
Concen: 0.820 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:156 Resp: 1724

Ion	Ratio	Lower	Upper
156	100		
77	277.2	114.9	344.6
158	99.6	48.5	145.5





#78
n-propylbenzene
Concen: 0.821 ug/l
RT: 13.017 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

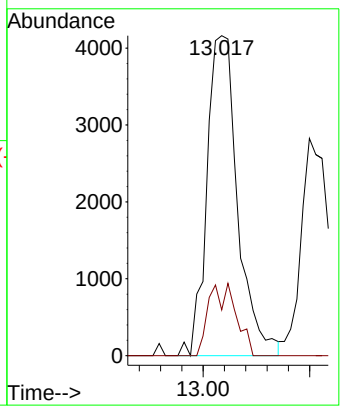
Tgt Ion: 91 Resp: 837

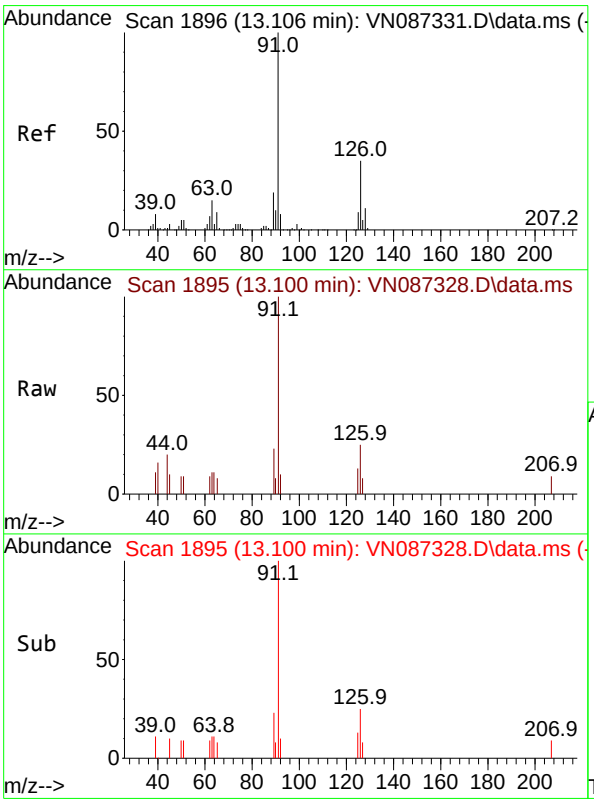
Ion	Ratio	Lower	Upper
91	100		
120	19.9	11.3	33.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

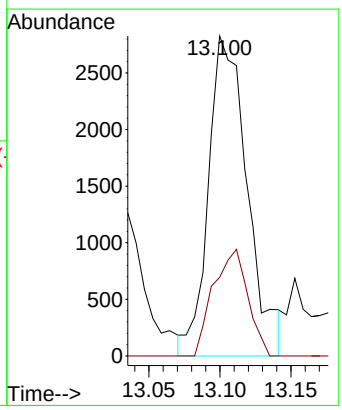


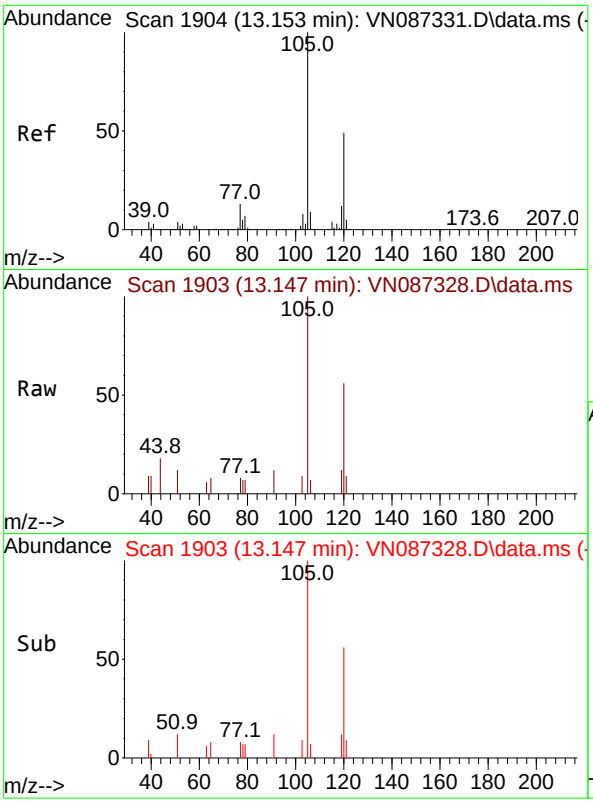


#79
2-Chlorotoluene
Concen: 0.857 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 91 Resp: 5372

Ion	Ratio	Lower	Upper
91	100		
126	29.6	16.9	50.6

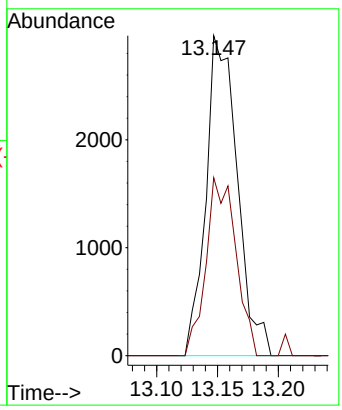




#80
1,3,5-Trimethylbenzene
Concen: 0.772 ug/l
RT: 13.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:105 Resp: 532

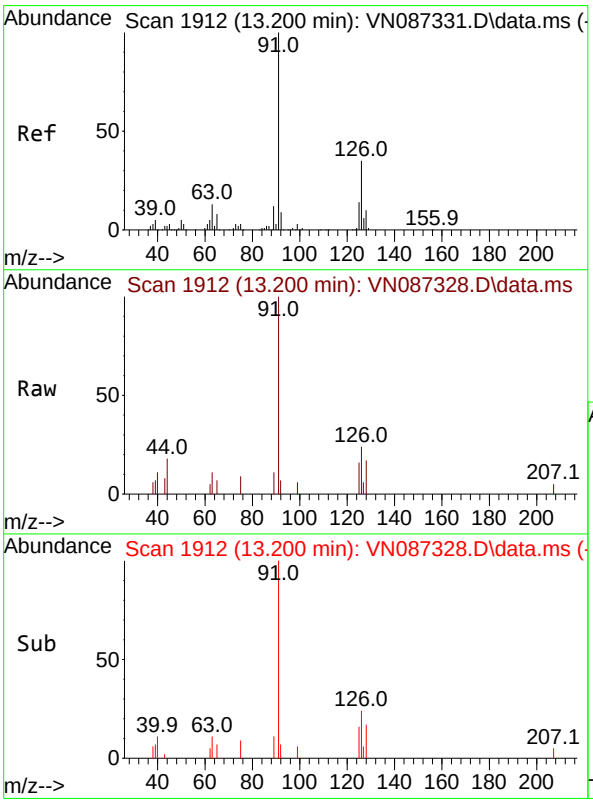
Ion	Ratio	Lower	Upper
105	100		
120	52.9	24.3	72.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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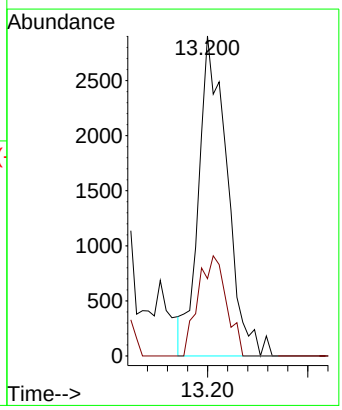
Reviewed By :Mahesh Dadoda 07/17/2025
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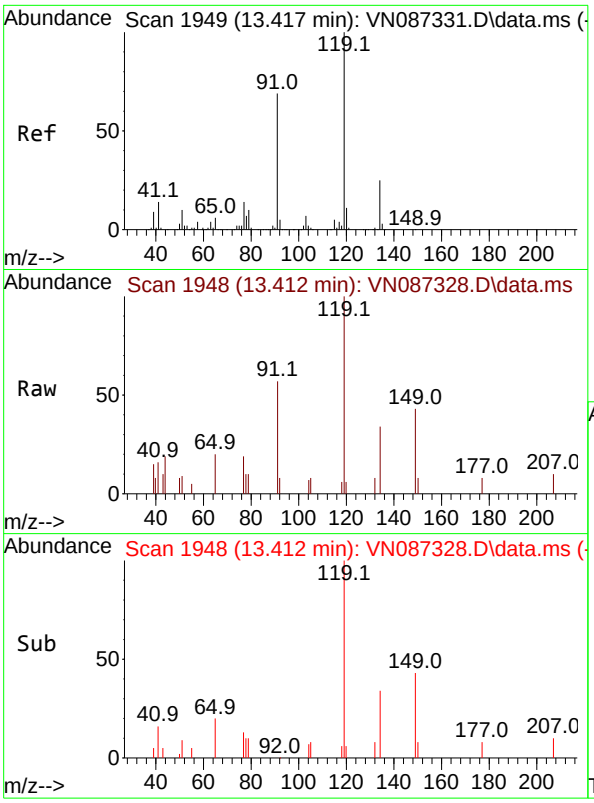


#82
4-Chlorotoluene
Concen: 0.878 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 91 Resp: 5733

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.6	49.7

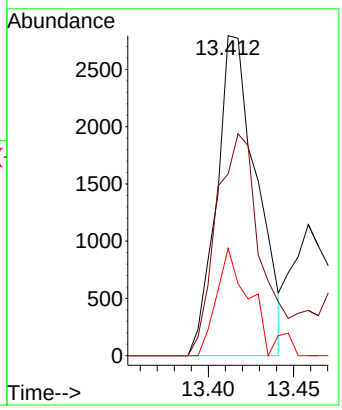




#83
tert-Butylbenzene
Concen: 0.795 ug/l
RT: 13.412 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:119 Resp: 458

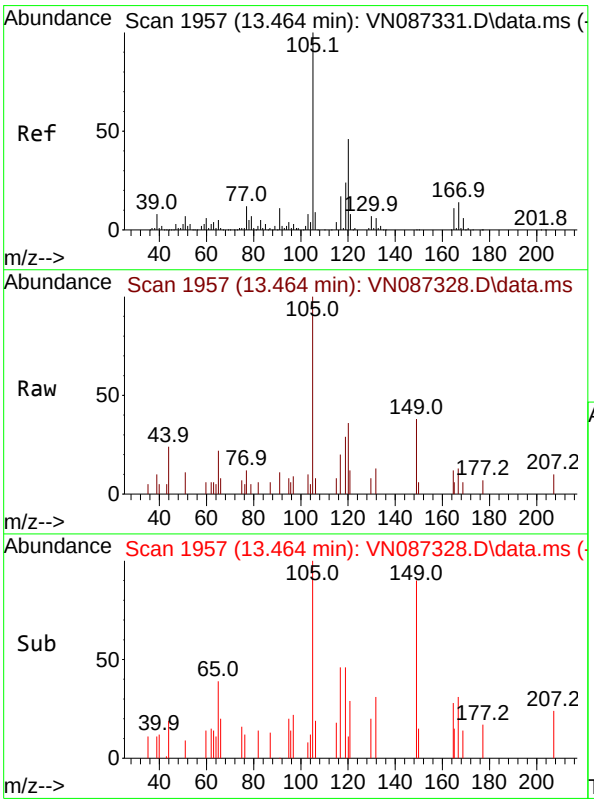
Ion	Ratio	Lower	Upper
119	100		
91	79.4	35.0	105.1
134	29.0	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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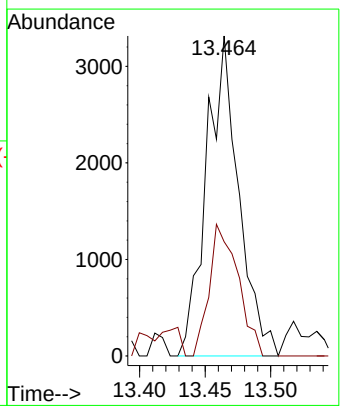
Reviewed By :Mahesh Dadoda 07/17/2025
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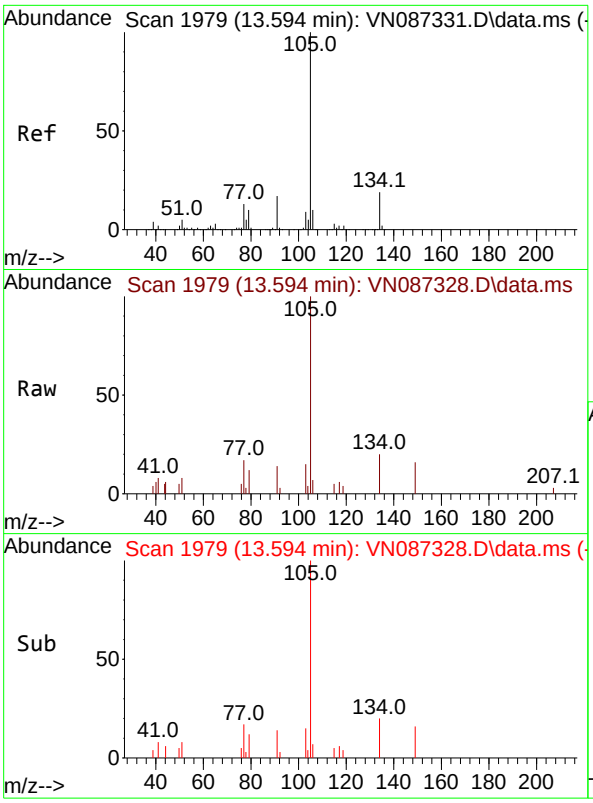


#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:105 Resp: 5671

Ion	Ratio	Lower	Upper
105	100		
120	36.8	22.8	68.3

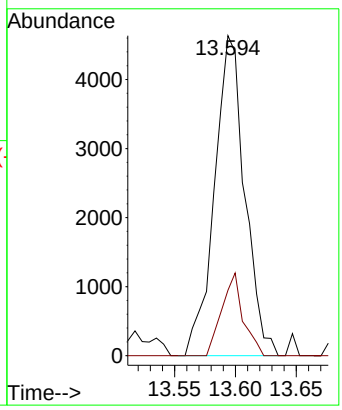




#85
sec-Butylbenzene
Concen: 0.925 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:105 Resp: 803

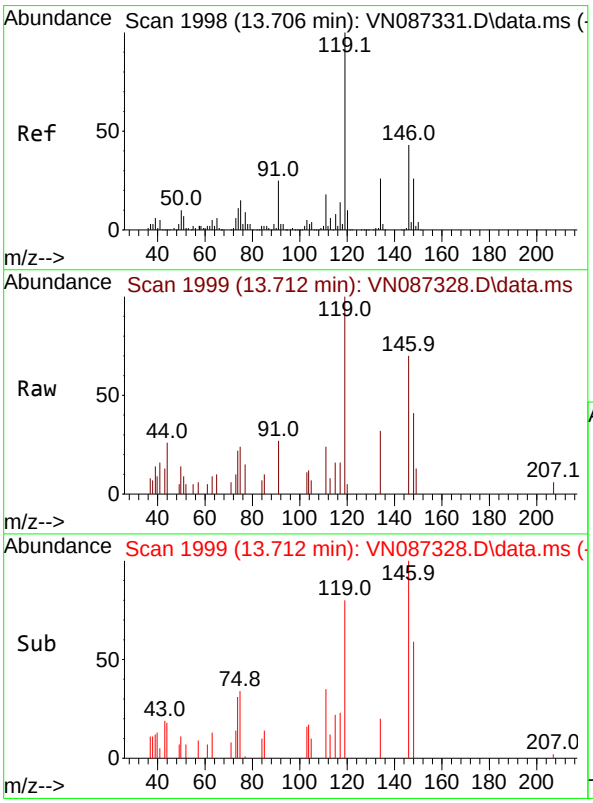
Ion	Ratio	Lower	Upper
105	100		
134	18.1	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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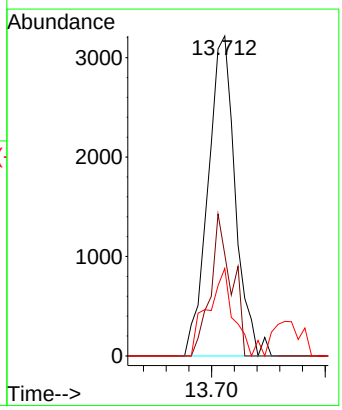
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

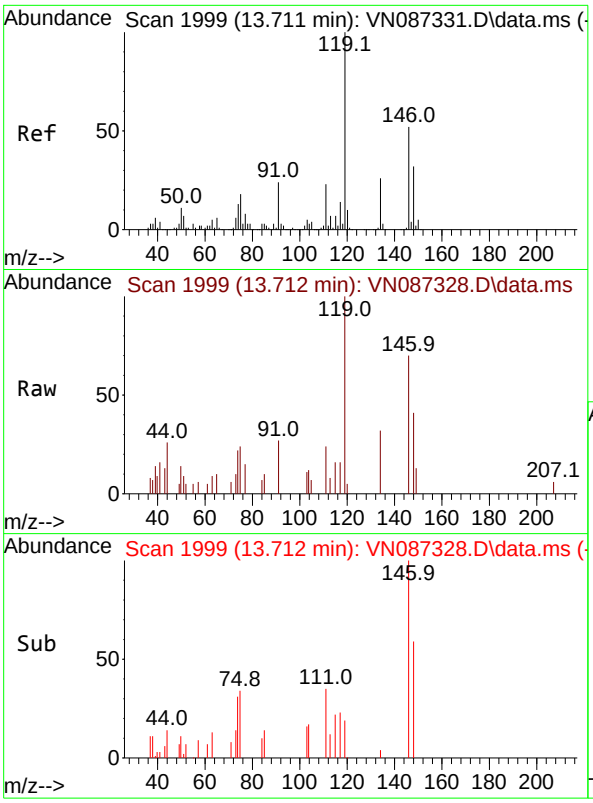


#86
p-Isopropyltoluene
Concen: 0.770 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:119 Resp: 5360

Ion	Ratio	Lower	Upper
119	100		
134	34.2	13.5	40.5
91	25.4	12.2	36.6

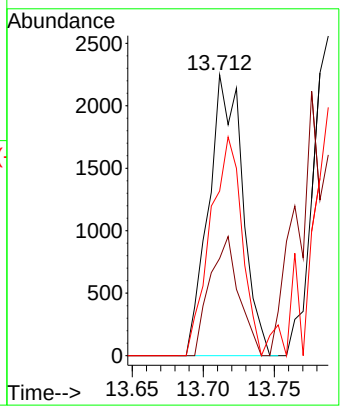




#87
1,3-Dichlorobenzene
Concen: 0.904 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:146 Resp: 373

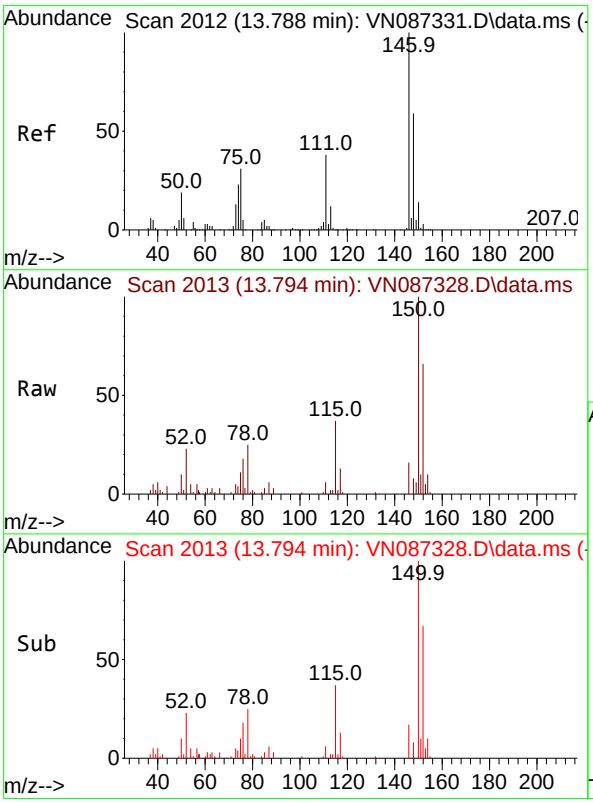
Ion	Ratio	Lower	Upper
146	100		
111	36.5	21.4	64.3
148	72.6	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

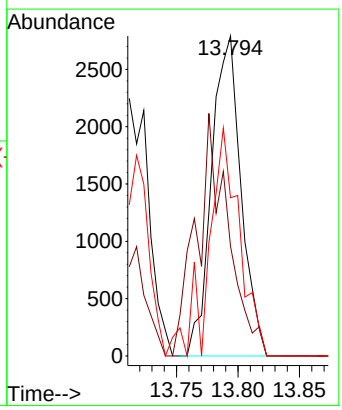
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

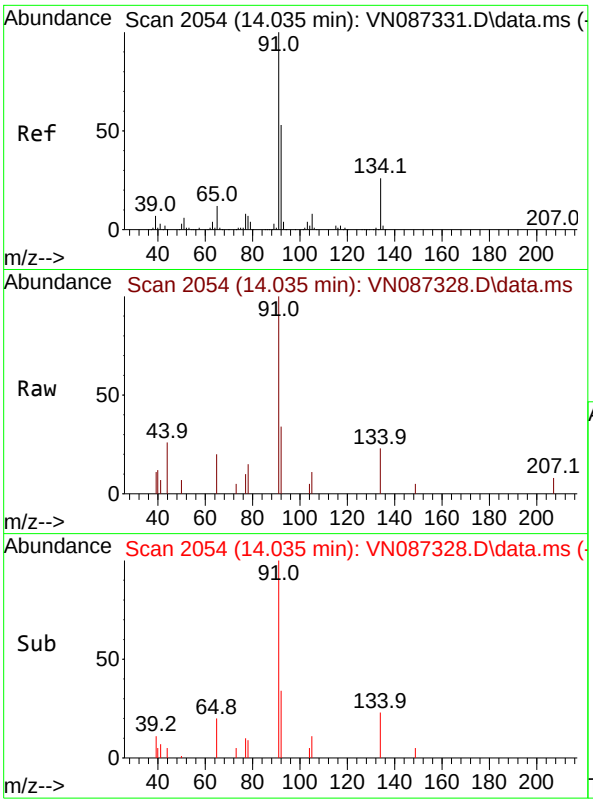


#88
1,4-Dichlorobenzene
Concen: 1.056 ug/l m
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:146 Resp: 4655

Ion	Ratio	Lower	Upper
146	100		
111	29.2	19.6	58.7
148	58.2	31.4	94.0





#89
n-Butylbenzene
Concen: 0.883 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

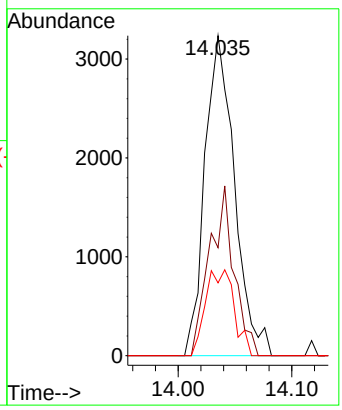
Tgt Ion: 91 Resp: 586

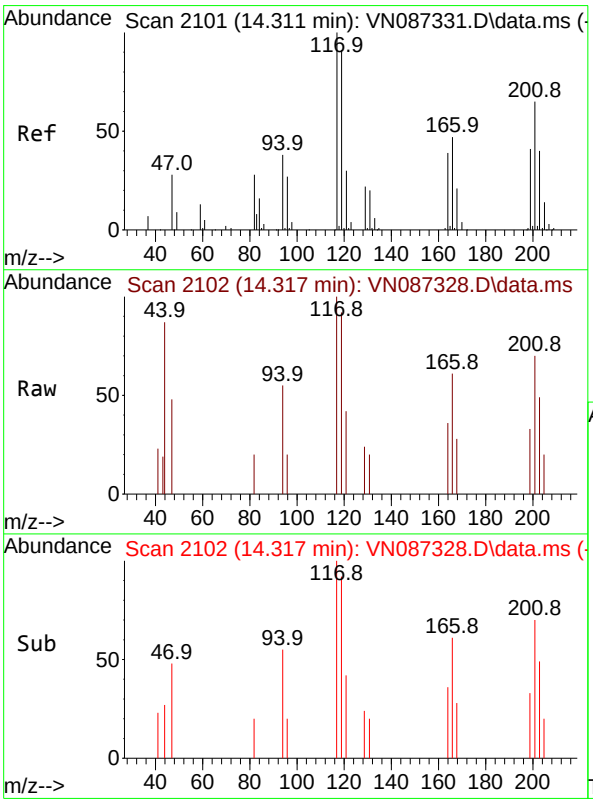
Ion	Ratio	Lower	Upper
91	100		
92	44.0	26.2	78.6
134	25.9	12.4	37.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

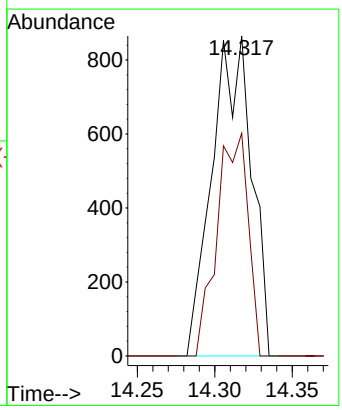


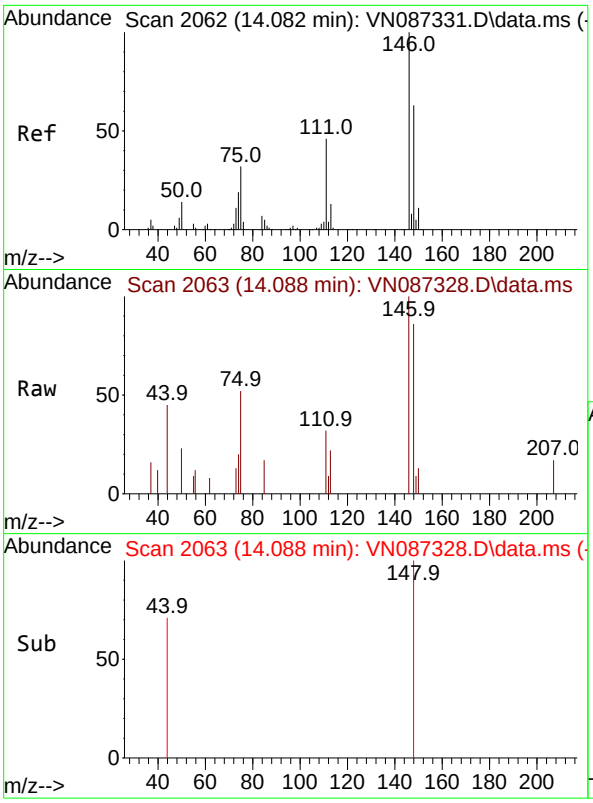


#90
Hexachloroethane
Concen: 1.035 ug/l
RT: 14.317 min Scan# 2102
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:117 Resp: 1527

Ion	Ratio	Lower	Upper
117	100		
201	55.1	32.8	98.4

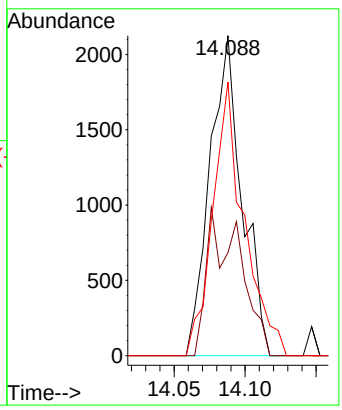




#91
1,2-Dichlorobenzene
Concen: 0.859 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:146 Resp: 335

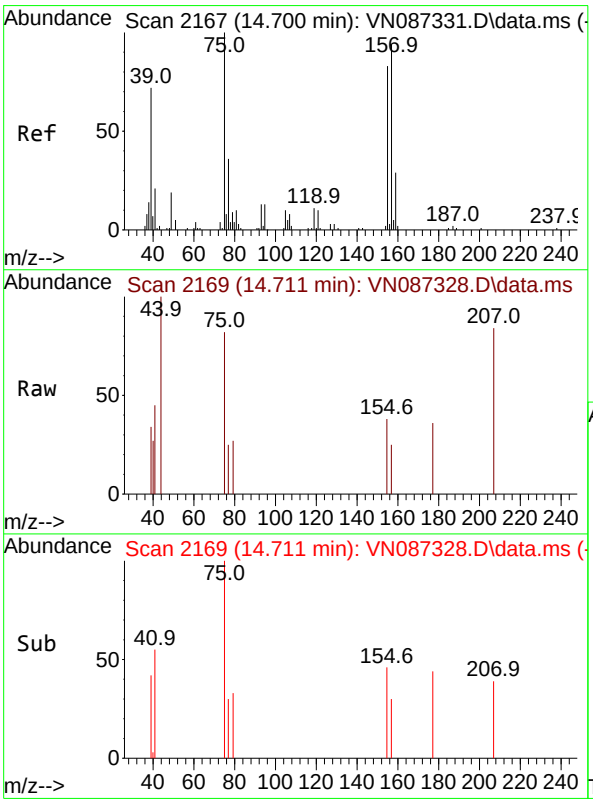
Ion	Ratio	Lower	Upper
146	100		
111	47.6	22.0	66.0
148	82.7	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

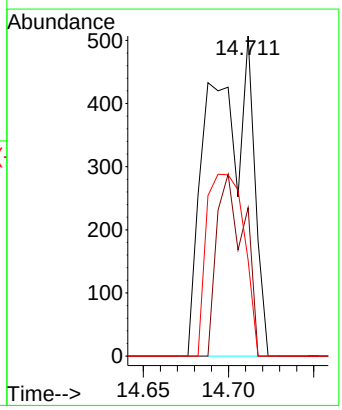
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

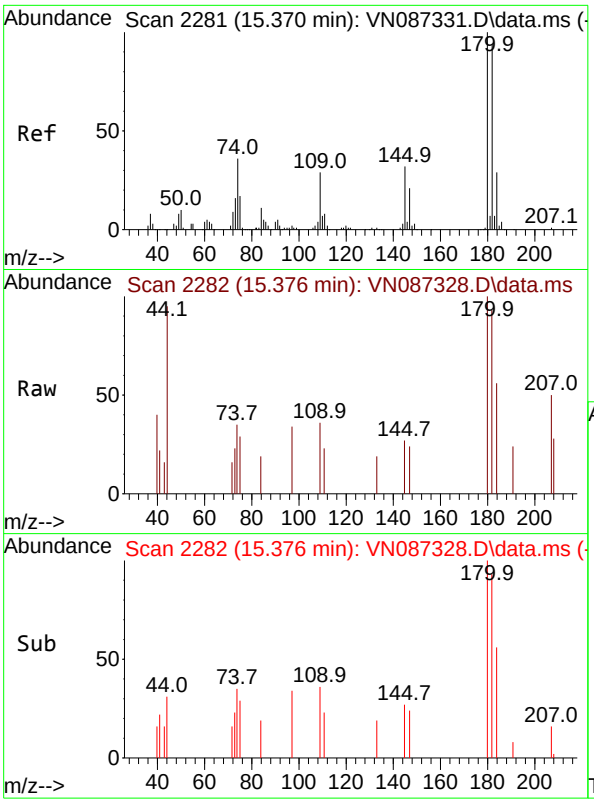


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.091 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 75 Resp: 874

Ion	Ratio	Lower	Upper
75	100		
155	37.2	37.3	111.8#
157	50.2	46.2	138.6

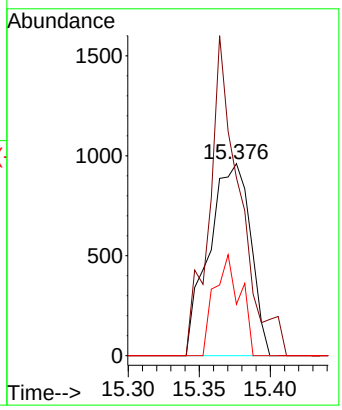




#93
1,2,4-Trichlorobenzene
Concen: 0.854 ug/l
RT: 15.376 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:180 Resp: 196

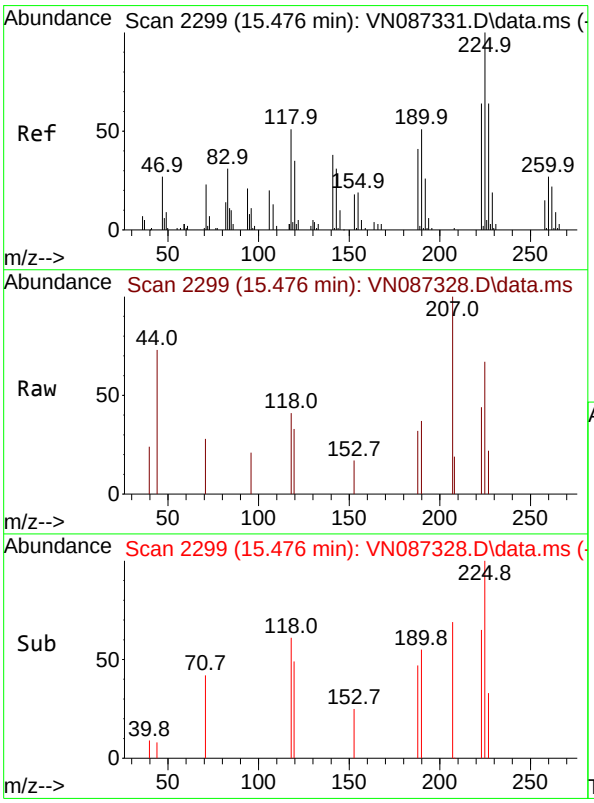
Ion	Ratio	Lower	Upper
180	100		
182	121.8	47.3	141.8
145	32.6	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

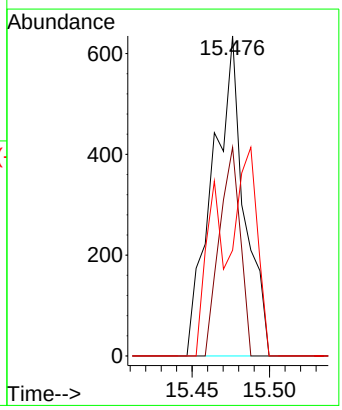
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

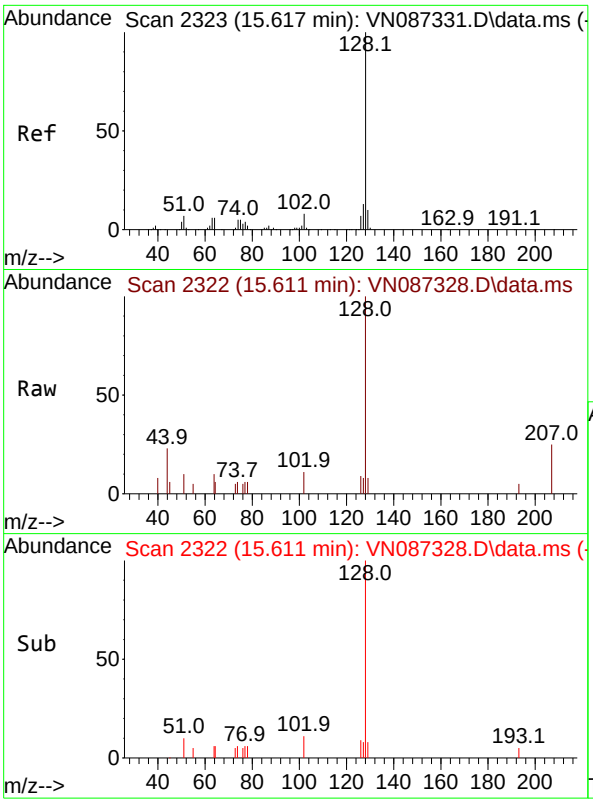


#94
Hexachlorobutadiene
Concen: 1.058 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:225 Resp: 903

Ion	Ratio	Lower	Upper
225	100		
223	42.9	32.1	96.3
227	46.0	31.3	93.9

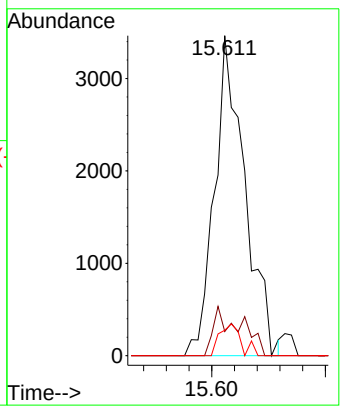




#95
Naphthalene
Concen: 0.787 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:128 Resp: 640

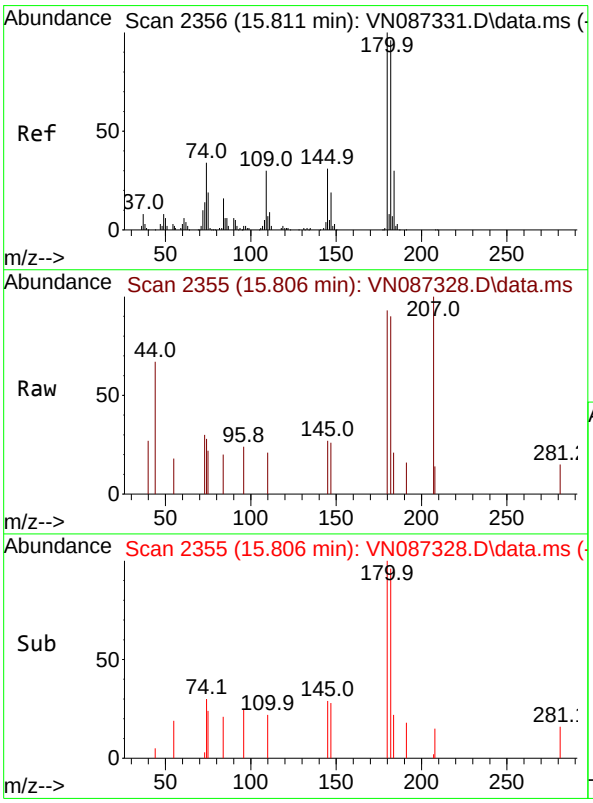
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	7.0	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

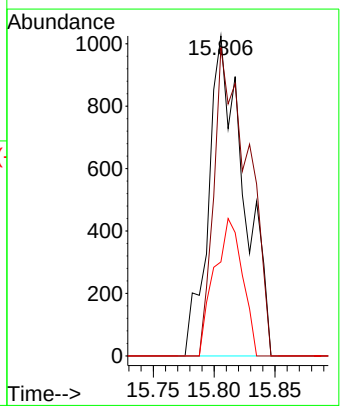
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.898 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:180 Resp: 2068

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.4
145	34.1	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	172217	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.088	114	319926	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	285583	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146494	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	16177	5.536	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.080%#				
35) Dibromofluoromethane	8.153	113	11111	5.035	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.060%#				
50) Toluene-d8	10.547	98	37751	4.796	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 9.600%#				
62) 4-Bromofluorobenzene	12.829	95	12943	4.450	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 8.900%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	7633	4.173	ug/l		90
3) Chloromethane	2.383	50	11350	4.934	ug/l		96
4) Vinyl Chloride	2.536	62	11459	5.013	ug/l		98
5) Bromomethane	2.971	94	5657	4.779	ug/l		87
6) Chloroethane	3.124	64	8358	5.606	ug/l	#	81
7) Trichlorofluoromethane	3.506	101	16796	4.969	ug/l	#	83
8) Diethyl Ether	3.959	74	6731	5.133	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.371	101	8532	4.917	ug/l	#	19
10) Methyl Iodide	4.577	142	4952m	8.093	ug/l		
11) Tert butyl alcohol	5.536	59	14147	25.497	ug/l		98
12) 1,1-Dichloroethene	4.330	96	11037	5.613	ug/l	#	83
13) Acrolein	4.177	56	12045	27.050	ug/l		96
14) Allyl chloride	5.006	41	16836	4.731	ug/l		97
15) Acrylonitrile	5.718	53	36114	23.986	ug/l		92
16) Acetone	4.430	43	36648	26.455	ug/l		96
17) Carbon Disulfide	4.695	76	29024	4.979	ug/l		94
18) Methyl Acetate	5.006	43	18125	5.265	ug/l		99
19) Methyl tert-butyl Ether	5.800	73	36155	4.989	ug/l		95
20) Methylene Chloride	5.259	84	13570	5.286	ug/l	#	86
21) trans-1,2-Dichloroethene	5.765	96	11514	5.193	ug/l		81
22) Diisopropyl ether	6.671	45	37879	5.075	ug/l	#	97
23) Vinyl Acetate	6.594	43	145089	22.225	ug/l	#	94
24) 1,1-Dichloroethane	6.547	63	22819	5.299	ug/l		95
25) 2-Butanone	7.477	43	52336	24.722	ug/l		95
26) 2,2-Dichloropropane	7.483	77	16583	4.953	ug/l		100
27) cis-1,2-Dichloroethene	7.471	96	12690	4.972	ug/l		99
28) Bromochloromethane	7.789	49	11022	5.348	ug/l	#	16
29) Tetrahydrofuran	7.830	42	34146	24.829	ug/l		99
30) Chloroform	7.959	83	22369	5.190	ug/l		84
31) Cyclohexane	8.236	56	19764	5.502	ug/l		87
32) 1,1,1-Trichloroethane	8.153	97	19739	5.287	ug/l	#	51
36) 1,1-Dichloropropene	8.347	75	13965	4.790	ug/l		98
37) Ethyl Acetate	7.553	43	21482	5.102	ug/l		97
38) Carbon Tetrachloride	8.341	117	16718	5.205	ug/l	#	89
39) Methylcyclohexane	9.582	83	14154	4.484	ug/l		86
40) Benzene	8.583	78	45748	4.855	ug/l		94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	10551	4.792	ug/l		97
42) 1,2-Dichloroethane	8.653	62	18086	5.061	ug/l		96
43) Isopropyl Acetate	8.677	43	31964	4.890	ug/l		100
44) Trichloroethene	9.335	130	10573	4.748	ug/l		79
45) 1,2-Dichloropropane	9.606	63	11728	4.898	ug/l		95
46) Dibromomethane	9.694	93	9473	5.284	ug/l		96
47) Bromodichloromethane	9.865	83	18300	5.068	ug/l	#	82
48) Methyl methacrylate	9.665	41	13169	4.475	ug/l		95
49) 1,4-Dioxane	9.682	88	4176	92.653	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.430	43	102519	24.797	ug/l		97
52) Toluene	10.612	92	27158	4.742	ug/l		96
53) t-1,3-Dichloropropene	10.824	75	17133	4.688	ug/l	#	87
54) cis-1,3-Dichloropropene	10.294	75	18046	4.780	ug/l		97
55) 1,1,2-Trichloroethane	11.000	97	11643	5.021	ug/l	#	88
56) Ethyl methacrylate	10.859	69	15548	4.693	ug/l		95
57) 1,3-Dichloropropane	11.141	76	19868	4.956	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.147	63	43690	22.968	ug/l		94
59) 2-Hexanone	11.182	43	59736	21.778	ug/l		99
60) Dibromochloromethane	11.335	129	13321	5.037	ug/l		100
61) 1,2-Dibromoethane	11.453	107	11942	4.898	ug/l		89
64) Tetrachloroethene	11.082	164	9660	5.256	ug/l		95
65) Chlorobenzene	11.871	112	32304	5.038	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.941	131	11581	5.312	ug/l		96
67) Ethyl Benzene	11.947	91	49622	4.701	ug/l		92
68) m/p-Xylenes	12.059	106	36883	9.332	ug/l		98
69) o-Xylene	12.376	106	17293	4.580	ug/l		97
70) Styrene	12.394	104	29462	4.639	ug/l		99
71) Bromoform	12.559	173	8628	4.899	ug/l	#	96
73) Isopropylbenzene	12.676	105	42320	4.590	ug/l		98
74) N-amyl acetate	12.647	43	18405m	5.113	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	17305	4.988	ug/l		95
76) 1,2,3-Trichloropropane	12.976	75	18135m	5.580	ug/l		
77) Bromobenzene	12.965	156	11589	4.847	ug/l		84
78) n-propylbenzene	13.018	91	54443	4.693	ug/l		99
79) 2-Chlorotoluene	13.106	91	34400	4.825	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	36874	4.694	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	4795	3.994	ug/l	#	80
82) 4-Chlorotoluene	13.200	91	36031	4.854	ug/l		98
83) tert-Butylbenzene	13.418	119	30293	4.617	ug/l		96
84) 1,2,4-Trimethylbenzene	13.465	105	35326	4.403	ug/l		99
85) sec-Butylbenzene	13.594	105	45947	4.649	ug/l		98
86) p-Isopropyltoluene	13.706	119	35413	4.471	ug/l		97
87) 1,3-Dichlorobenzene	13.718	146	23326	4.970	ug/l		95
88) 1,4-Dichlorobenzene	13.794	146	25031	4.994	ug/l		90
89) n-Butylbenzene	14.035	91	35522	4.697	ug/l		95
90) Hexachloroethane	14.312	117	8261	4.923	ug/l		98
91) 1,2-Dichlorobenzene	14.088	146	22474	5.055	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	4757	5.223	ug/l		87
93) 1,2,4-Trichlorobenzene	15.364	180	12595	4.823	ug/l		97
94) Hexachlorobutadiene	15.476	225	4936	5.087	ug/l		98
95) Naphthalene	15.617	128	38936	4.208	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	12368	4.721	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

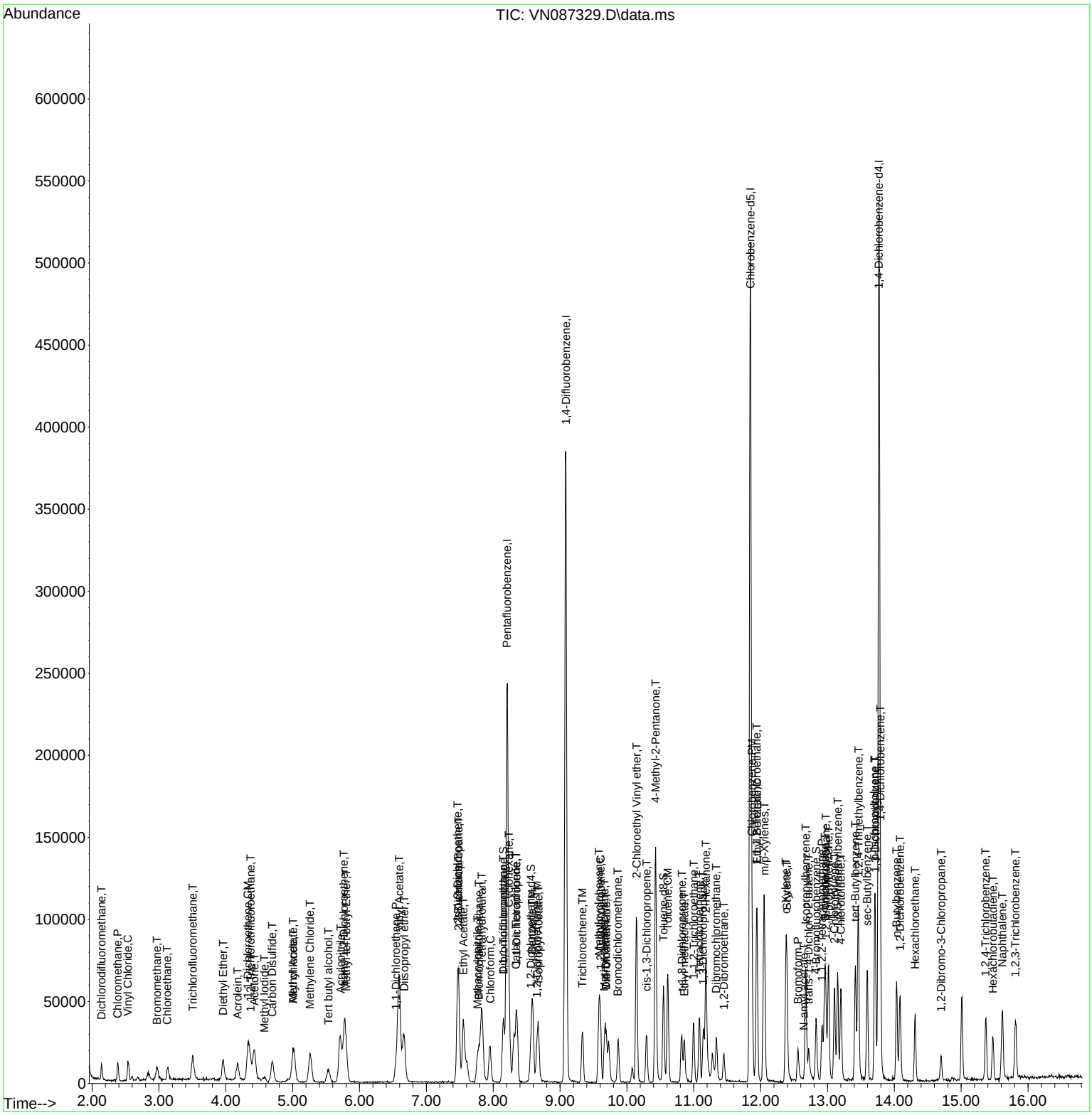
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087329.D
Acq On : 16 Jul 2025 17:27
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

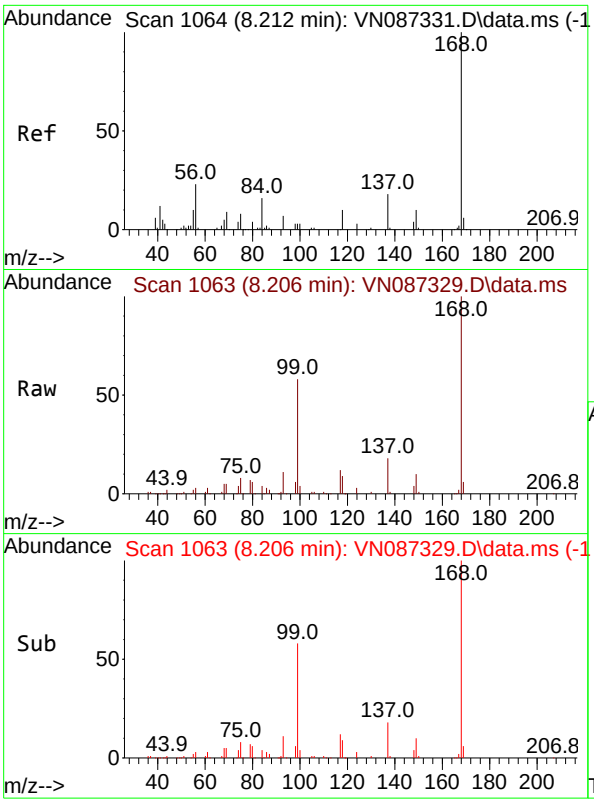
Quant Time: Jul 17 02:17:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

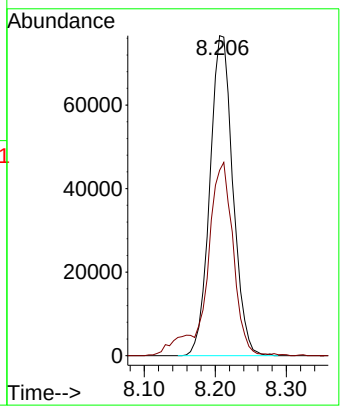




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:168 Resp: 17221

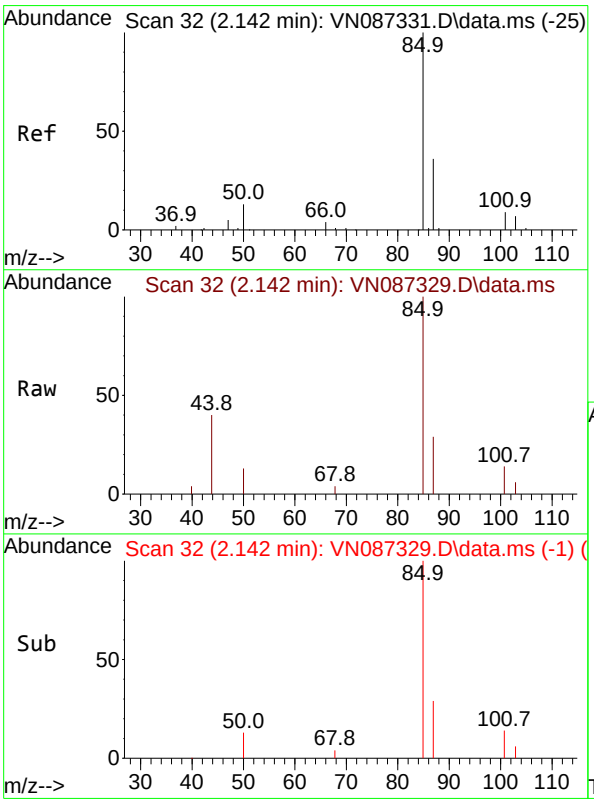
Ion	Ratio	Lower	Upper
168	100		
99	57.7	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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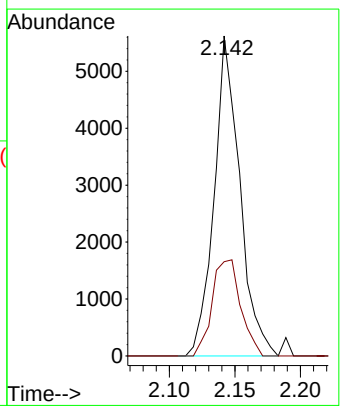
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

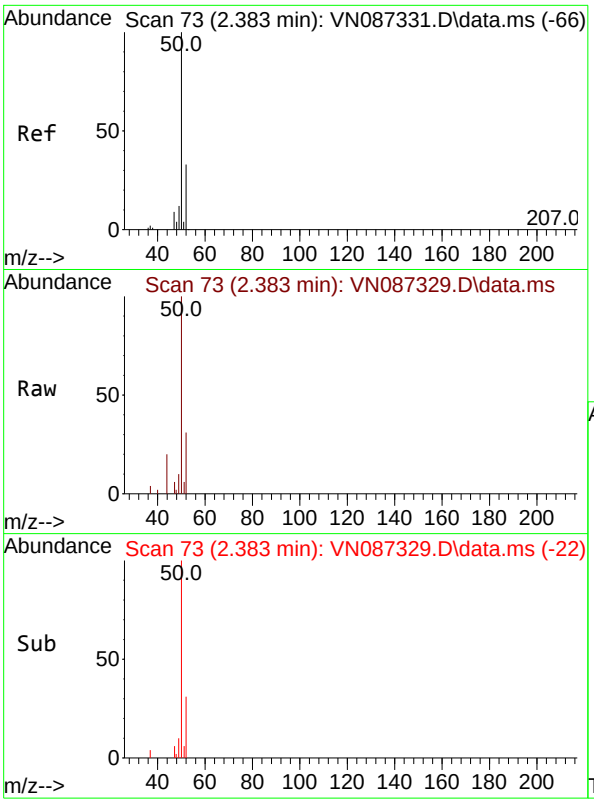


#2
Dichlorodifluoromethane
Concen: 4.173 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 85 Resp: 7633

Ion	Ratio	Lower	Upper
85	100		
87	29.4	17.8	53.3

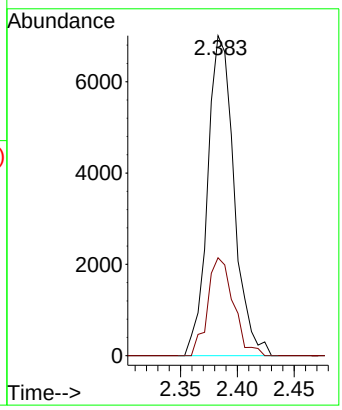




#3
Chloromethane
Concen: 4.934 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 50 Resp: 1135

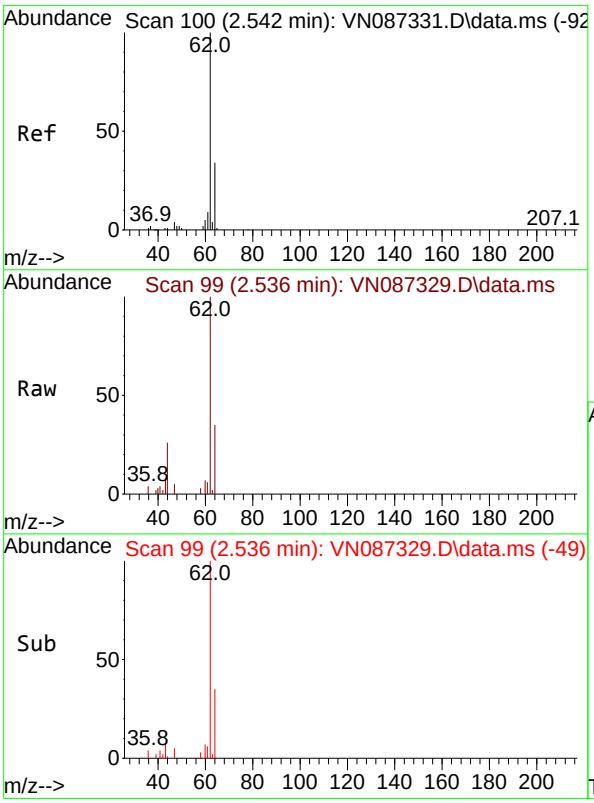
Ion	Ratio	Lower	Upper
50	100		
52	30.6	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

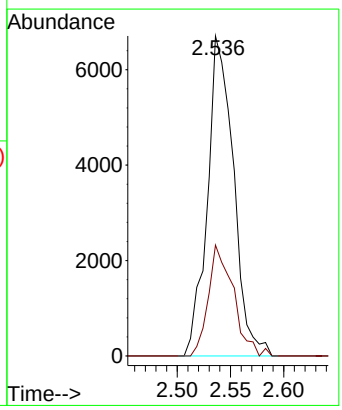
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

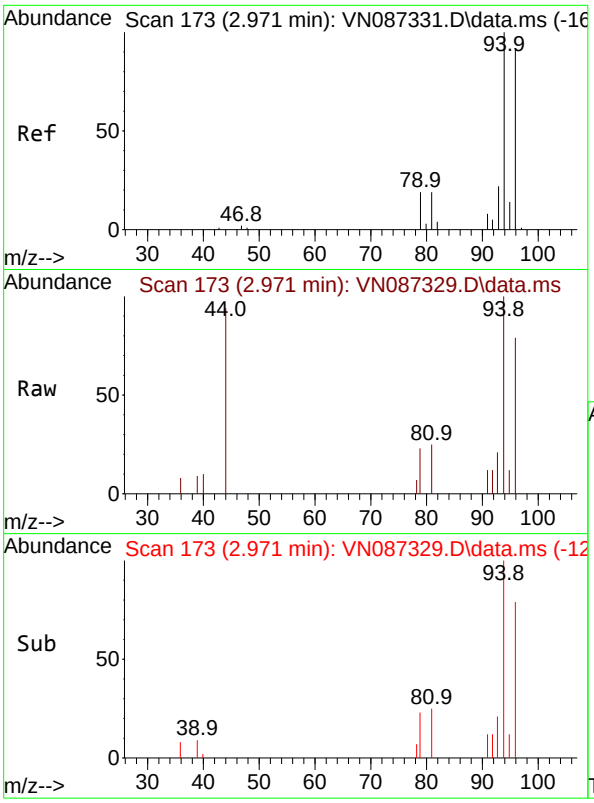


#4
Vinyl Chloride
Concen: 5.013 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 62 Resp: 11459

Ion	Ratio	Lower	Upper
62	100		
64	34.7	27.0	40.6

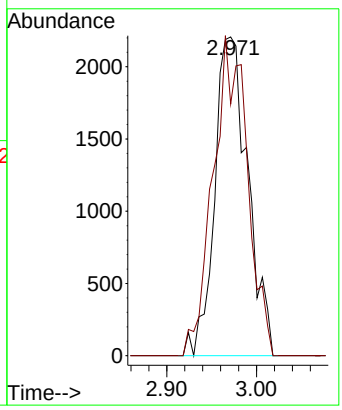




#5
Bromomethane
Concen: 4.779 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 94 Resp: 565

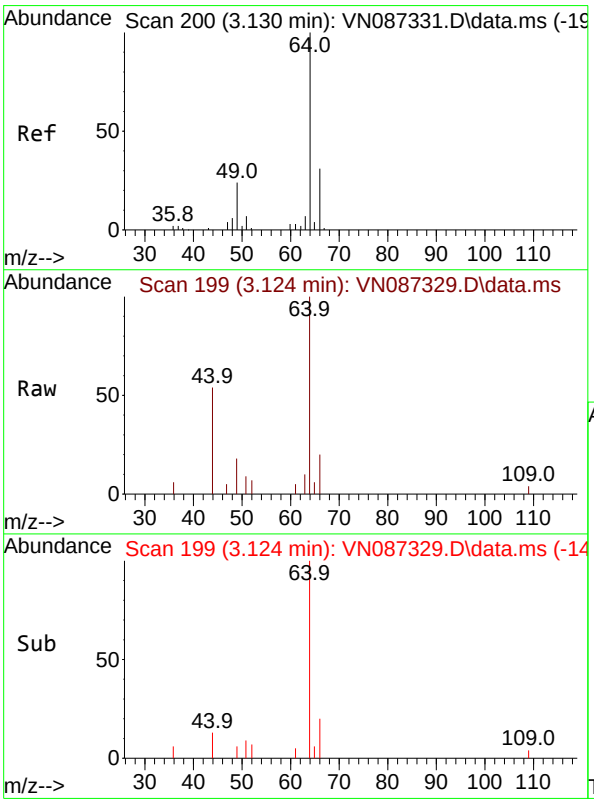
Ion	Ratio	Lower	Upper
94	100		
96	79.0	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

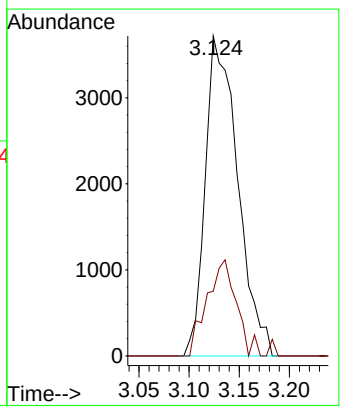
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

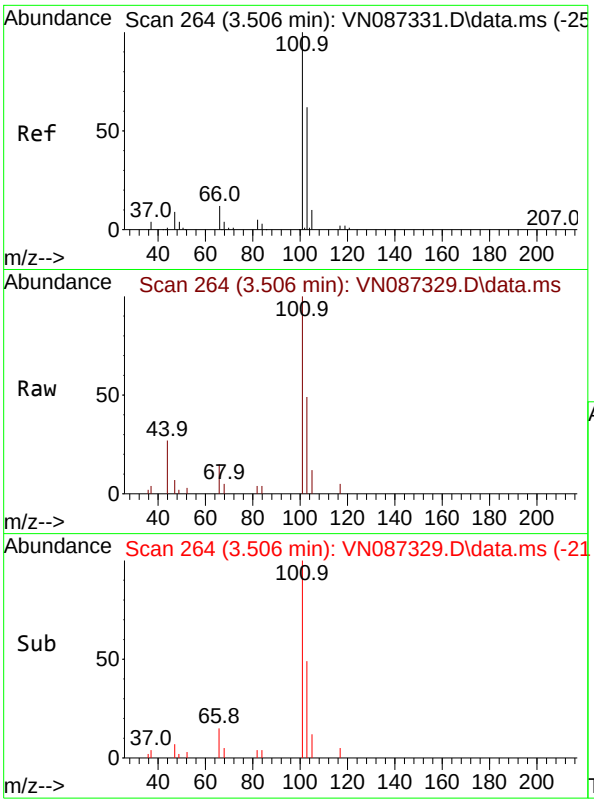


#6
Chloroethane
Concen: 5.606 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 64 Resp: 8358

Ion	Ratio	Lower	Upper
64	100		
66	20.2	24.6	36.8#

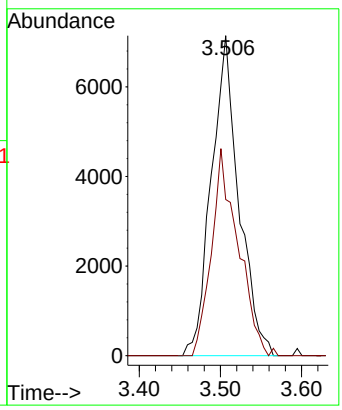




#7
Trichlorofluoromethane
Concen: 4.969 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:101 Resp: 1679

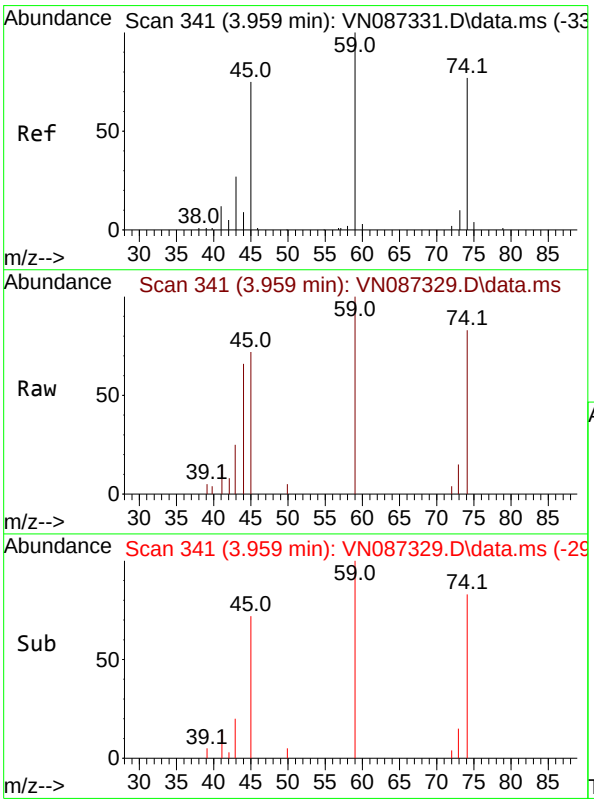
Ion	Ratio	Lower	Upper
101	100		
103	48.8	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

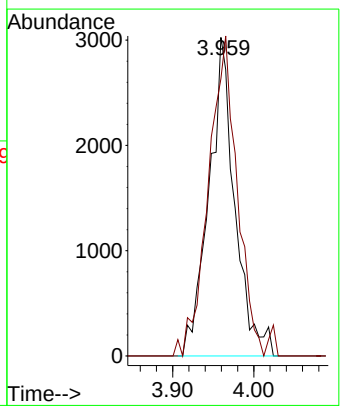
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

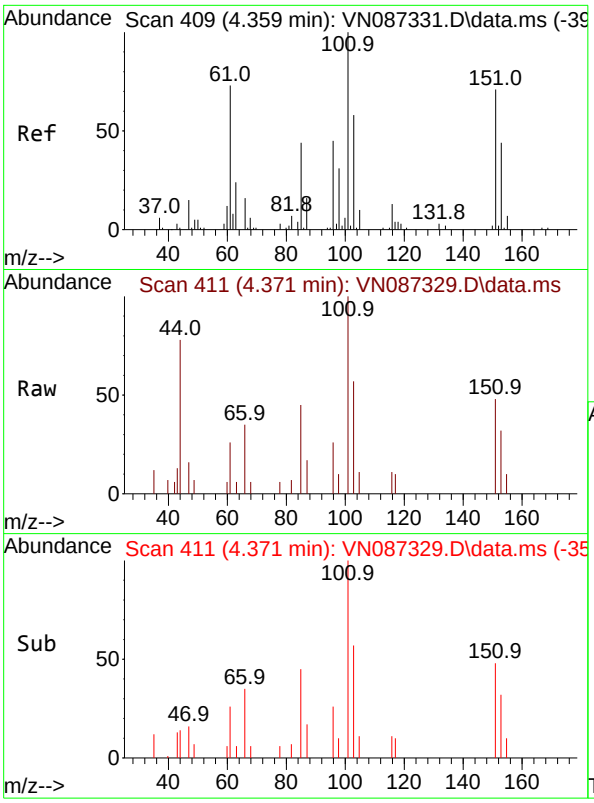


#8
Diethyl Ether
Concen: 5.133 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 74 Resp: 6731

Ion	Ratio	Lower	Upper
74	100		
45	111.0	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.917 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

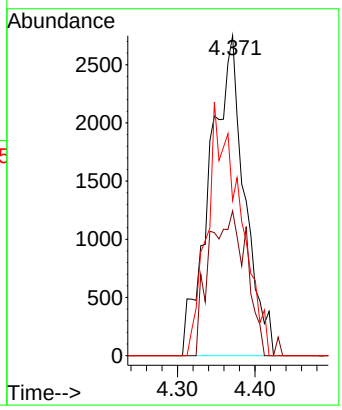
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

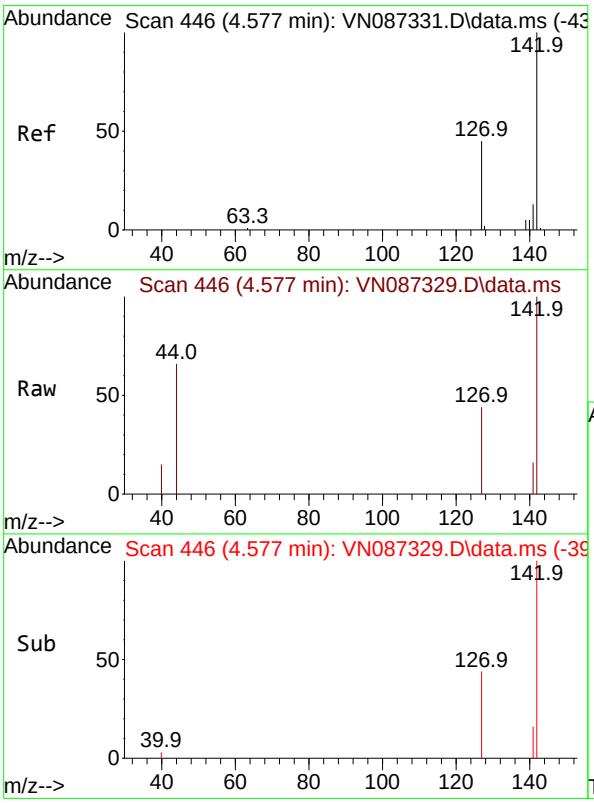
Tgt Ion:101 Resp: 853

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.3	55.9#
151	0.0	58.9	88.3#

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

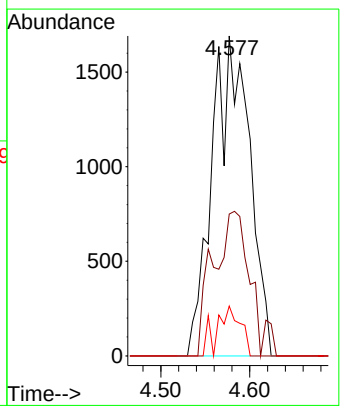


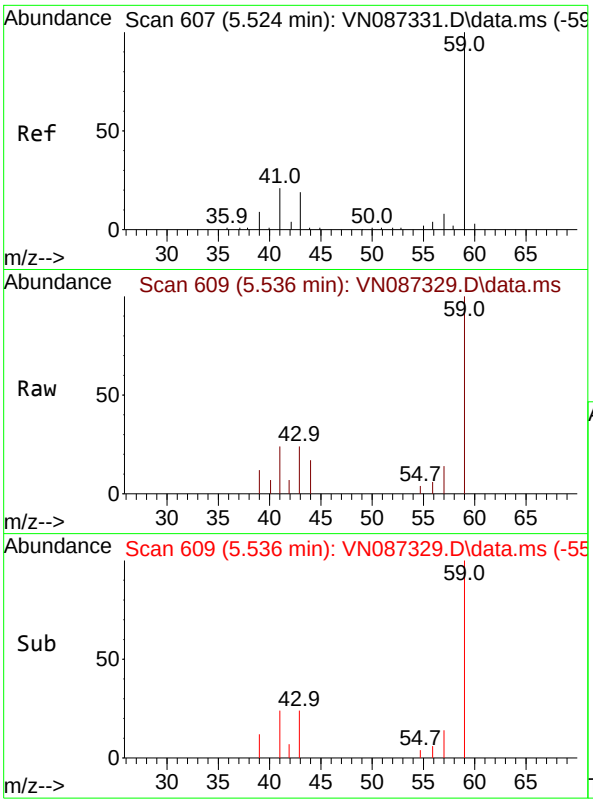


#10
Methyl Iodide
Concen: 8.093 ug/l m
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:142 Resp: 4952

Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.7	53.5
141	15.6	10.4	15.6#

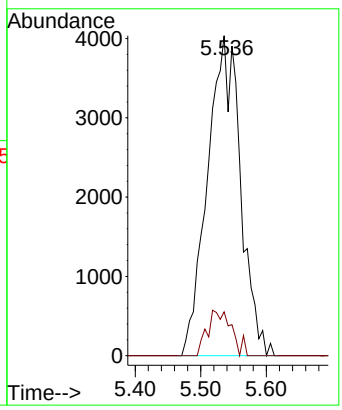




#11
Tert butyl alcohol
Concen: 25.497 ug/l
RT: 5.536 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 59 Resp: 1414

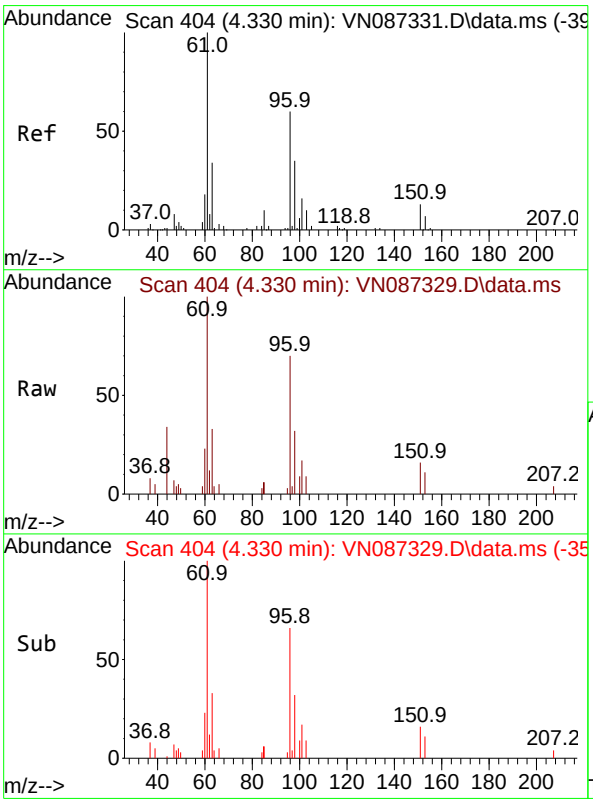
Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

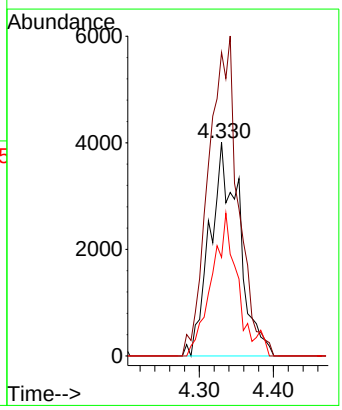
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

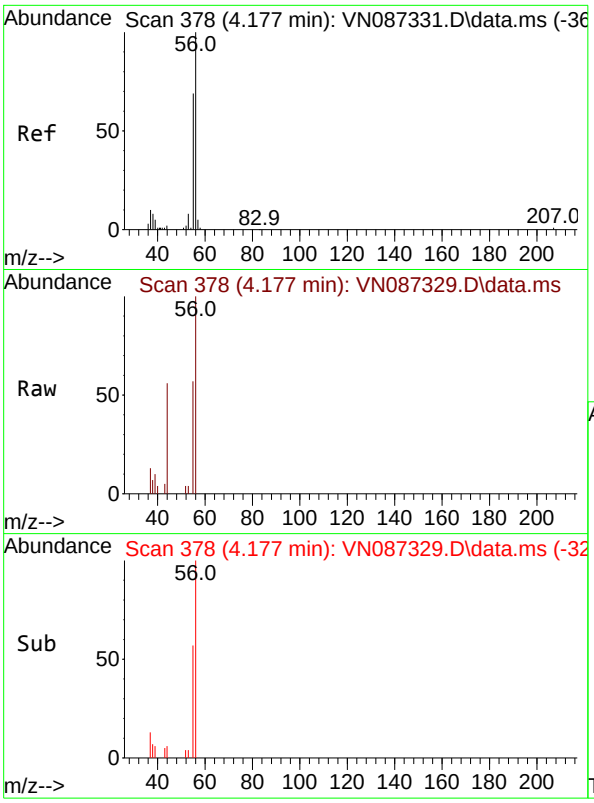


#12
1,1-Dichloroethene
Concen: 5.613 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 96 Resp: 11037

Ion	Ratio	Lower	Upper
96	100		
61	142.2	132.3	198.5
98	46.1	46.8	70.2#

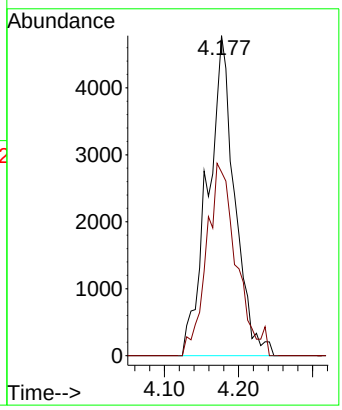




#13
Acrolein
Concen: 27.050 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 56 Resp: 1204

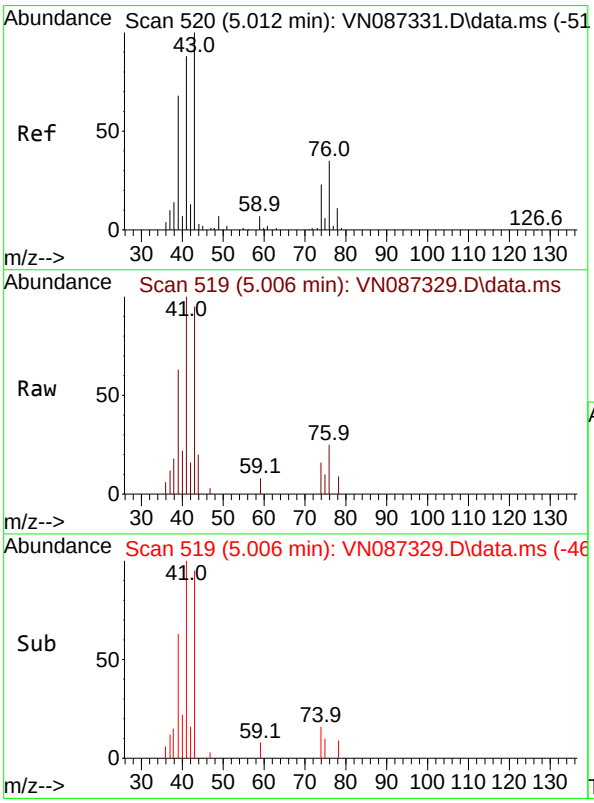
Ion	Ratio	Lower	Upper
56	100		
55	66.7	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

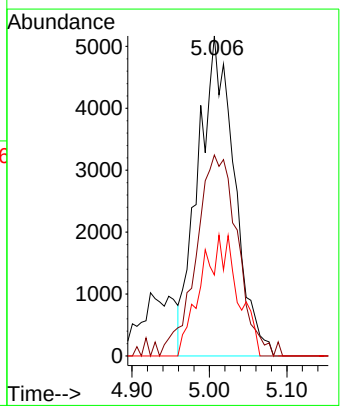
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

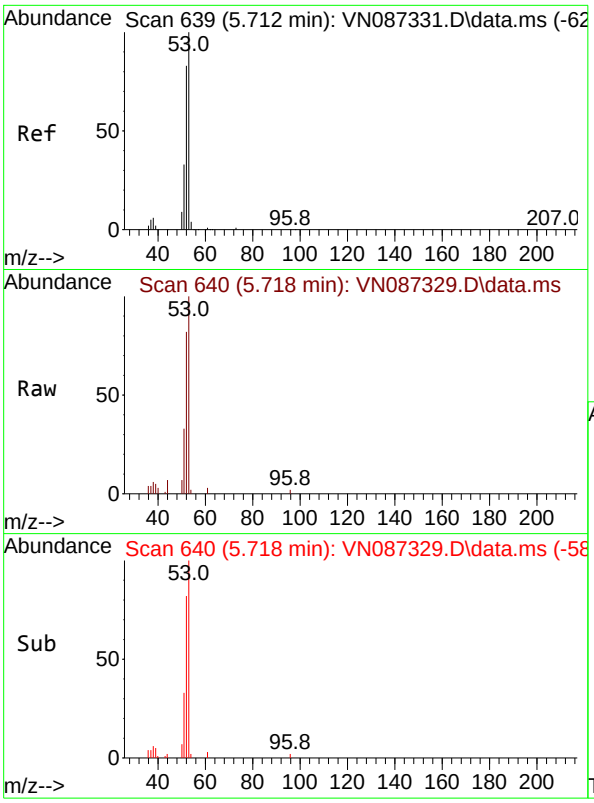


#14
Allyl chloride
Concen: 4.731 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 41 Resp: 16836

Ion	Ratio	Lower	Upper
41	100		
39	71.9	59.0	88.6
76	38.3	28.7	43.1

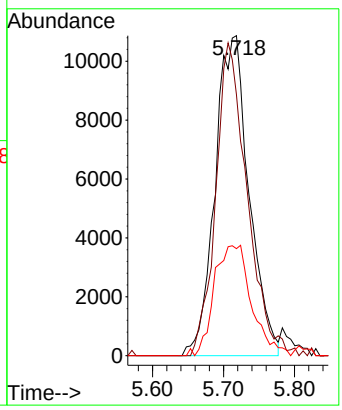




#15
Acrylonitrile
Concen: 23.986 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 53 Resp: 3611

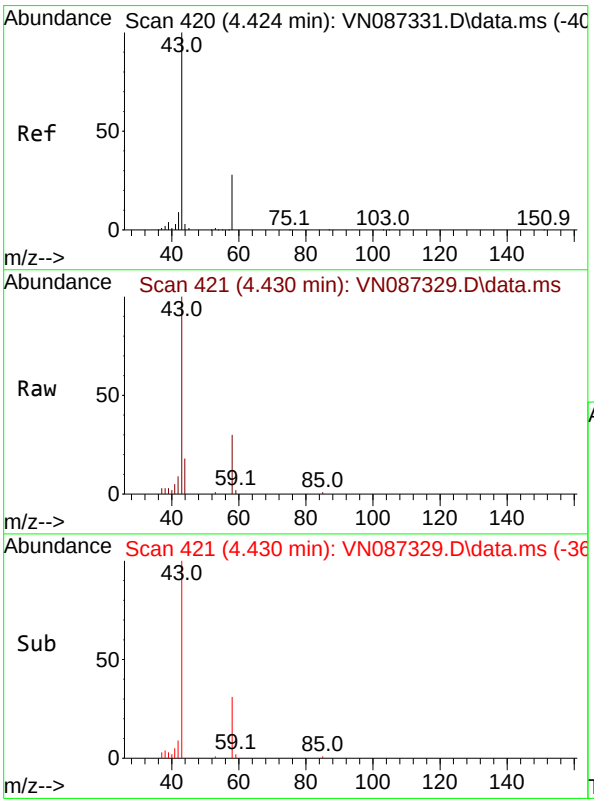
Ion	Ratio	Lower	Upper
53	100		
52	90.3	65.5	98.3
51	37.7	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

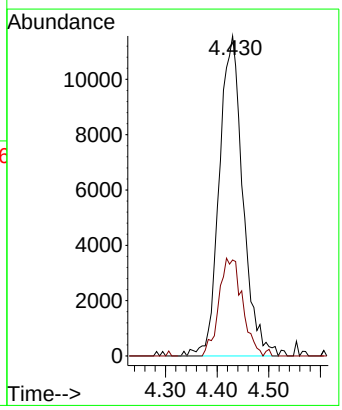
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

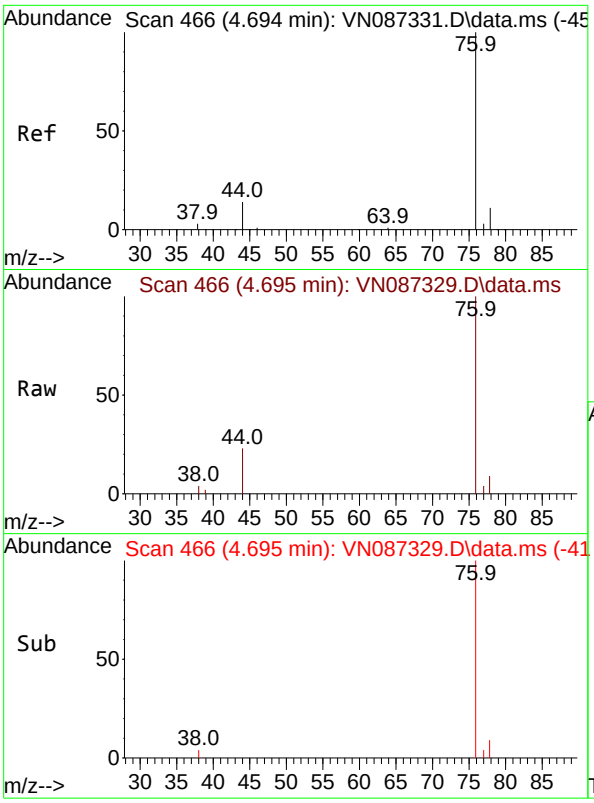


#16
Acetone
Concen: 26.455 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 36648

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.3	33.5

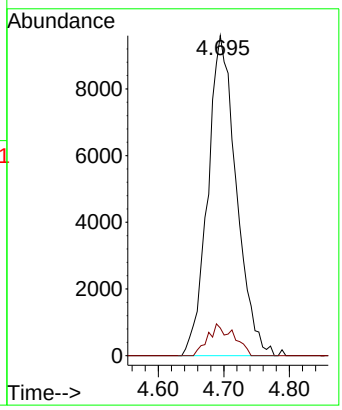




#17
Carbon Disulfide
Concen: 4.979 ug/l
RT: 4.695 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 76 Resp: 2902

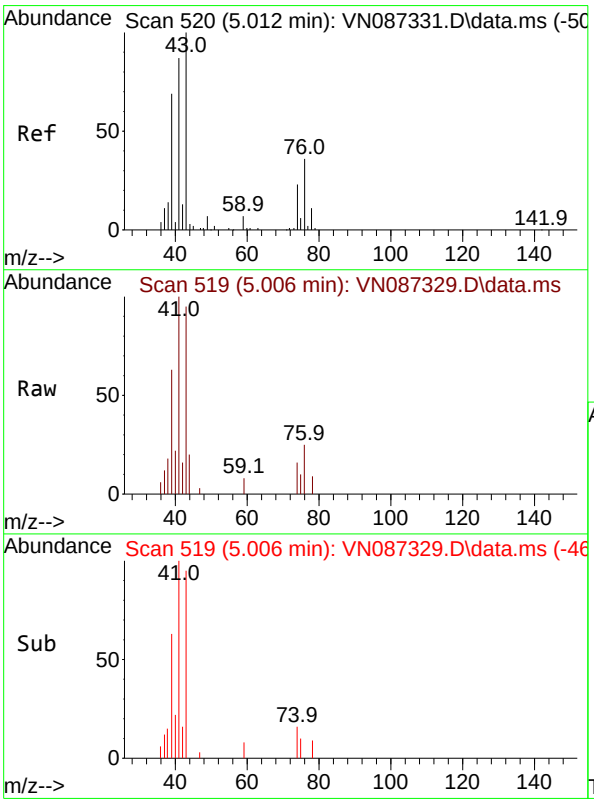
Ion	Ratio	Lower	Upper
76	100		
78	8.6	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

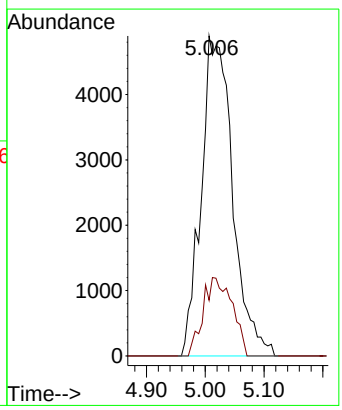
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

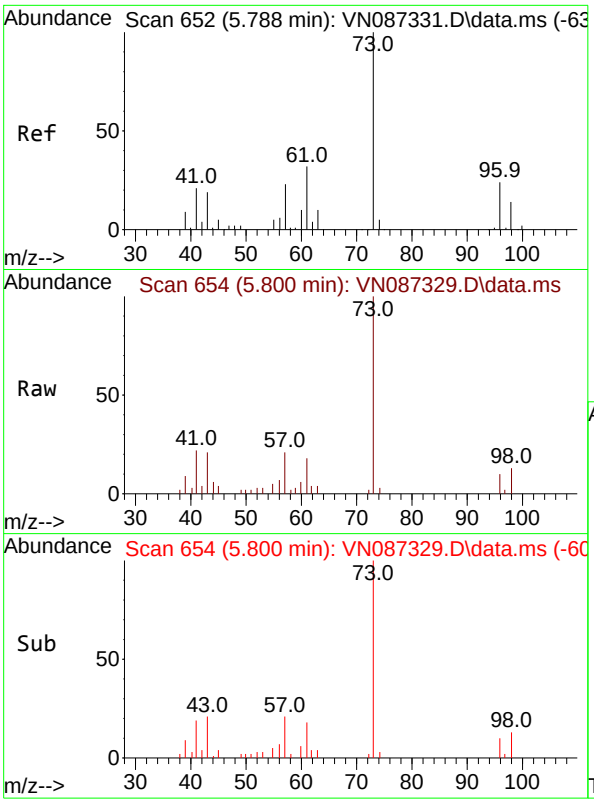


#18
Methyl Acetate
Concen: 5.265 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 18125

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.8	26.6

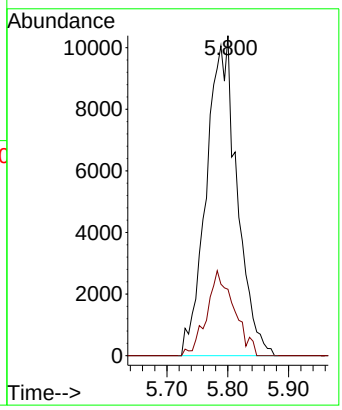




#19
Methyl tert-butyl Ether
Concen: 4.989 ug/l
RT: 5.800 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 73 Resp: 3615

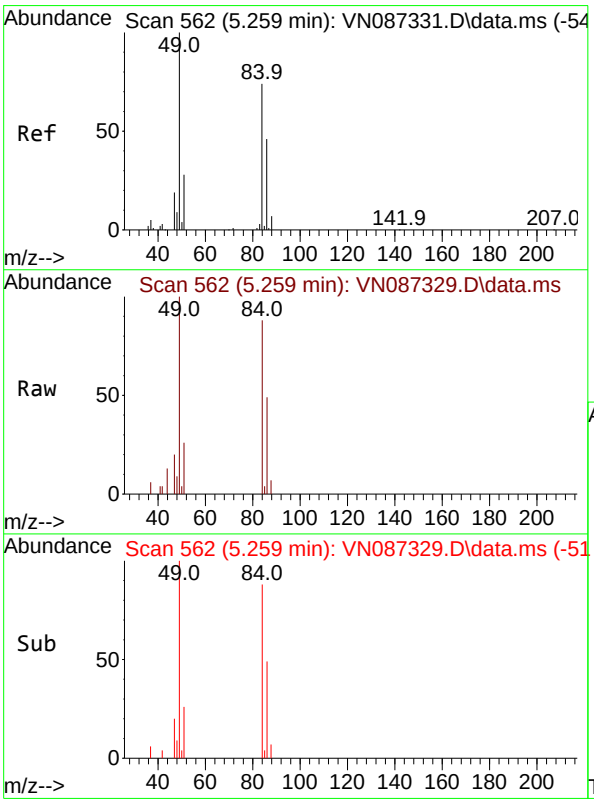
Ion	Ratio	Lower	Upper
73	100		
57	20.7	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

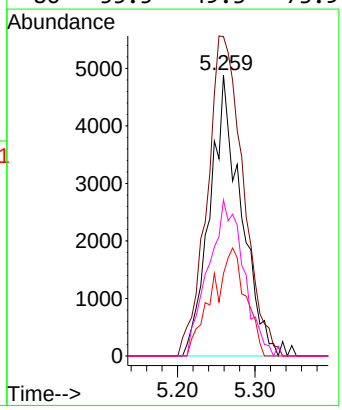
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

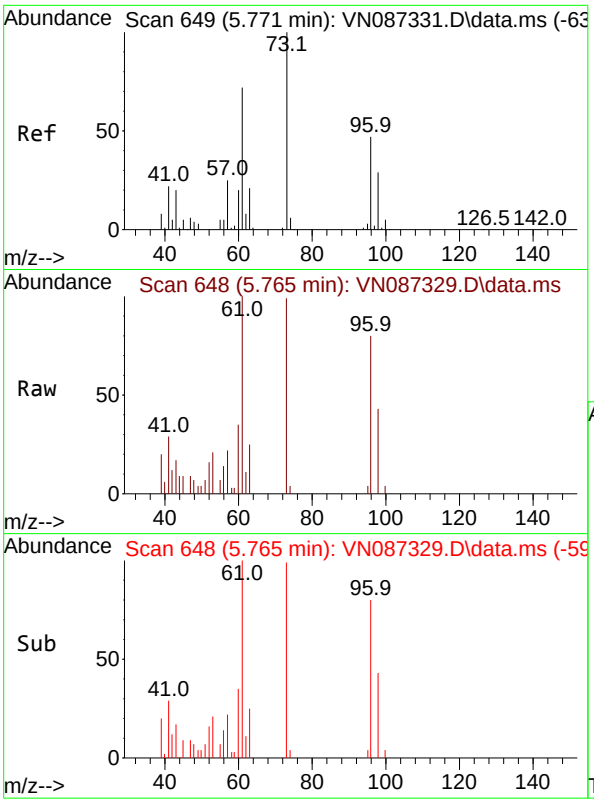


#20
Methylene Chloride
Concen: 5.286 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 84 Resp: 13570

Ion	Ratio	Lower	Upper
84	100		
49	113.7	107.5	161.3
51	29.3	30.2	45.2#
86	55.5	49.3	73.9





#21
trans-1,2-Dichloroethene
Concen: 5.193 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

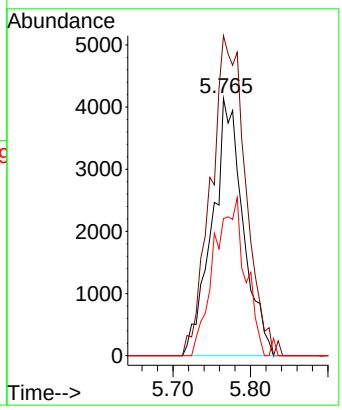
Tgt Ion: 96 Resp: 11514

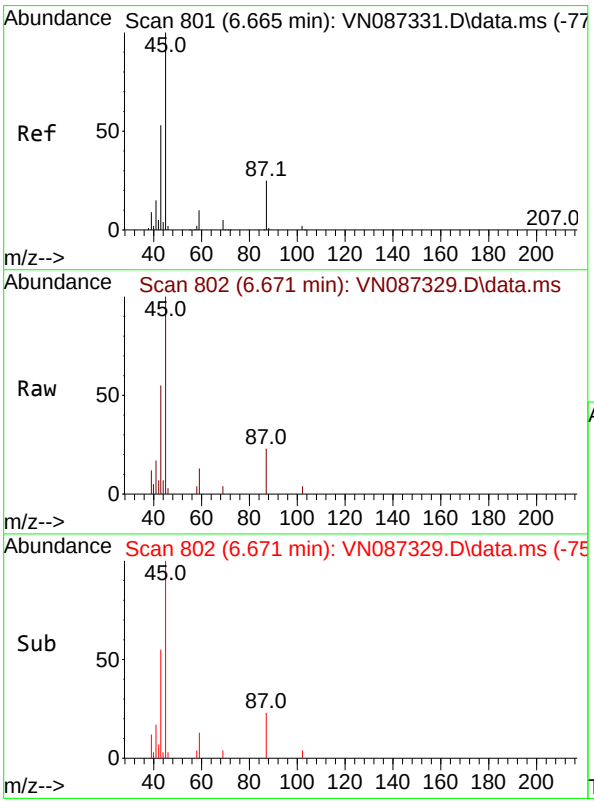
Ion	Ratio	Lower	Upper
96	100		
61	124.3	122.0	183.0
98	53.3	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

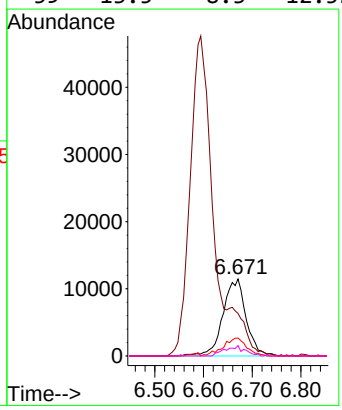


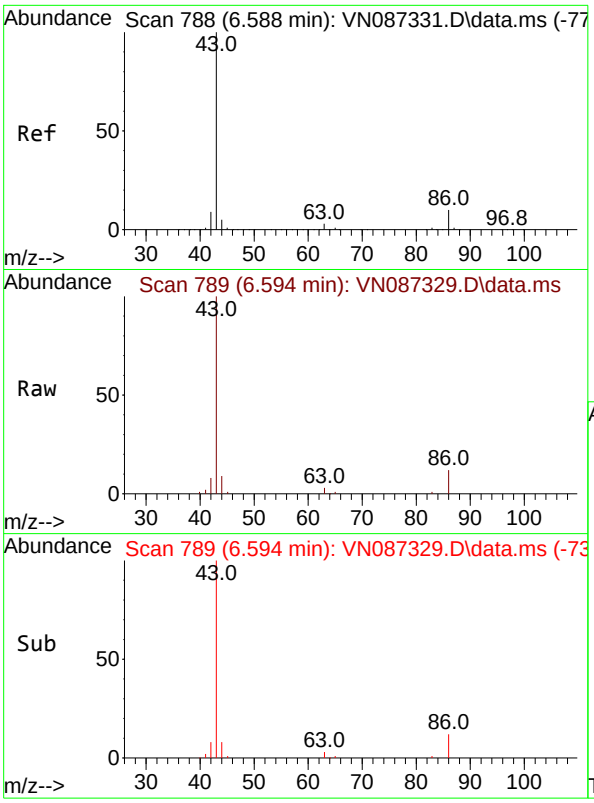


#22
Diisopropyl ether
Concen: 5.075 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 45 Resp: 37879

Ion	Ratio	Lower	Upper
45	100		
43	55.4	42.8	64.2
87	23.4	19.8	29.6
59	13.5	8.3	12.5#





#23
Vinyl Acetate
Concen: 22.225 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

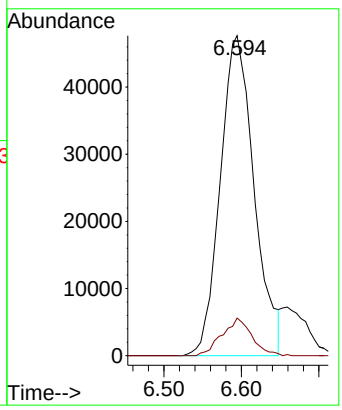
Tgt Ion: 43 Resp: 14508

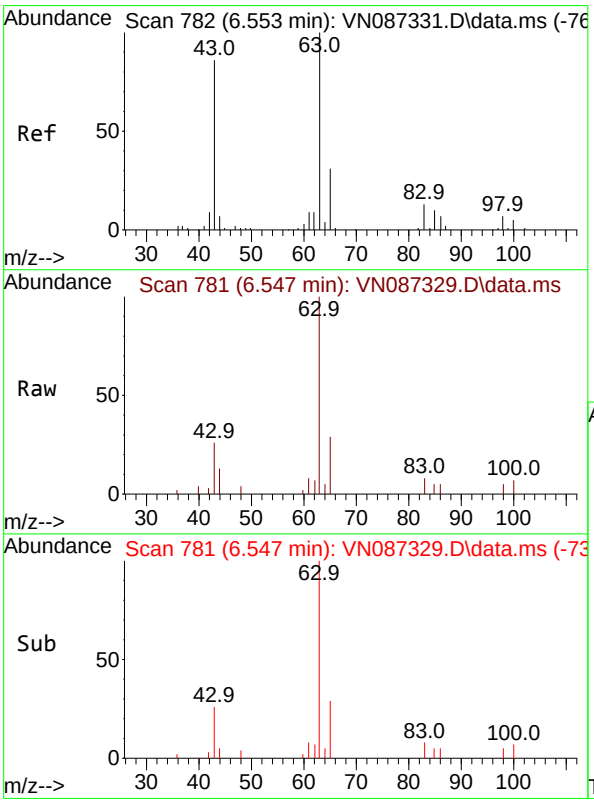
Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.7	11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

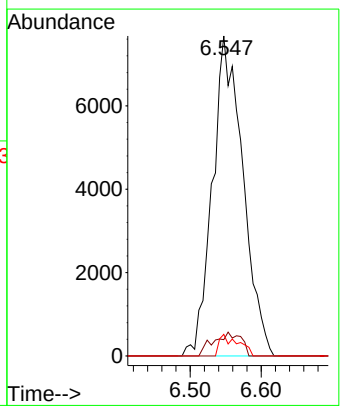


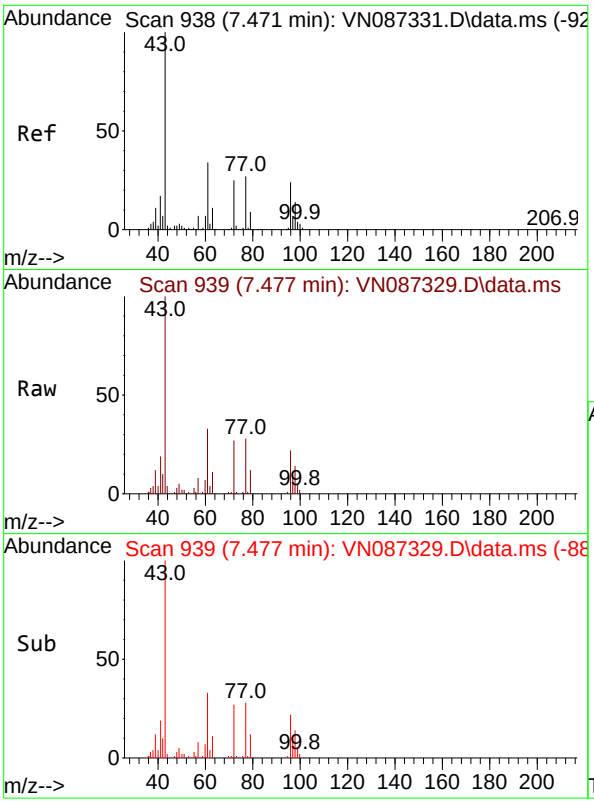


#24
1,1-Dichloroethane
Concen: 5.299 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 63 Resp: 22819

Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.3	9.9
100	6.7	2.5	7.4

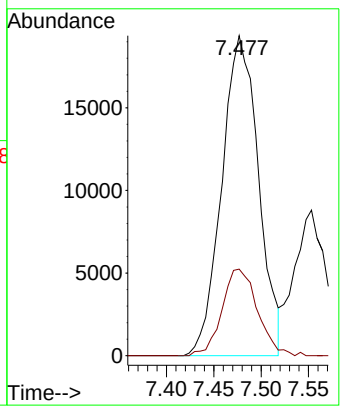




#25
2-Butanone
Concen: 24.722 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 5233

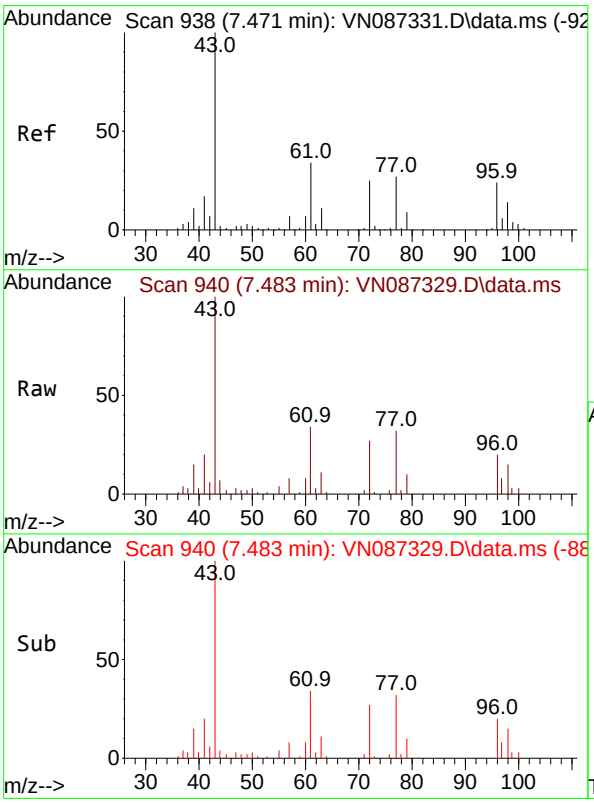
Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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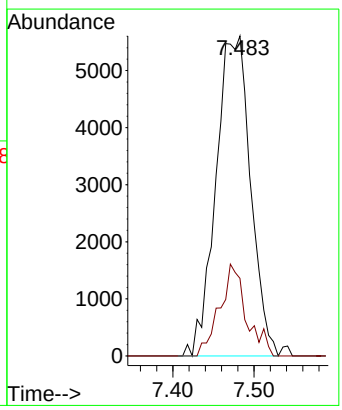
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

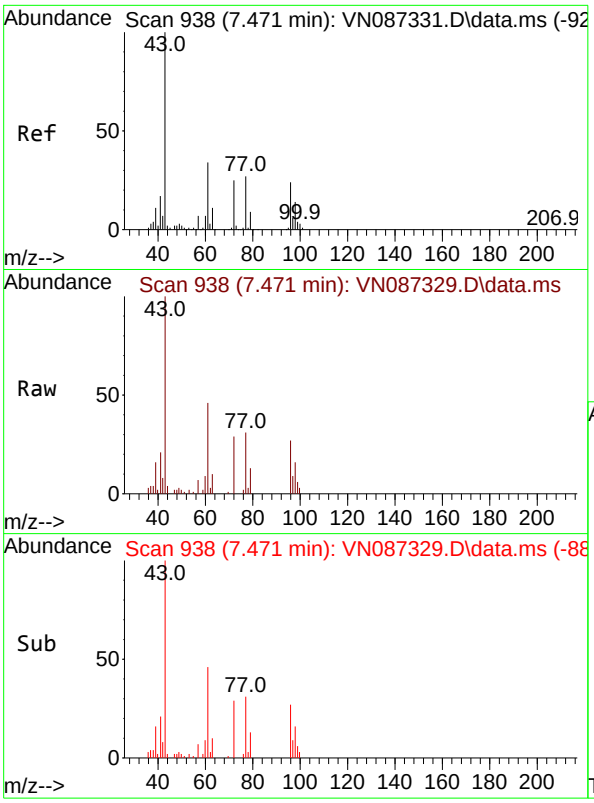


#26
2,2-Dichloropropane
Concen: 4.953 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 77 Resp: 16583

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.1

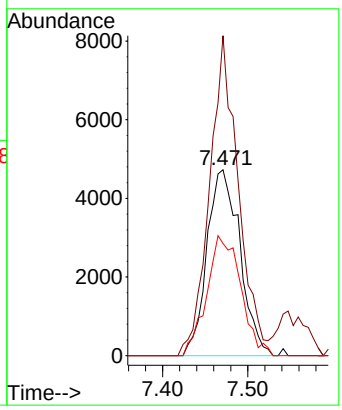




#27
cis-1,2-Dichloroethene
Concen: 4.972 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 96 Resp: 1269

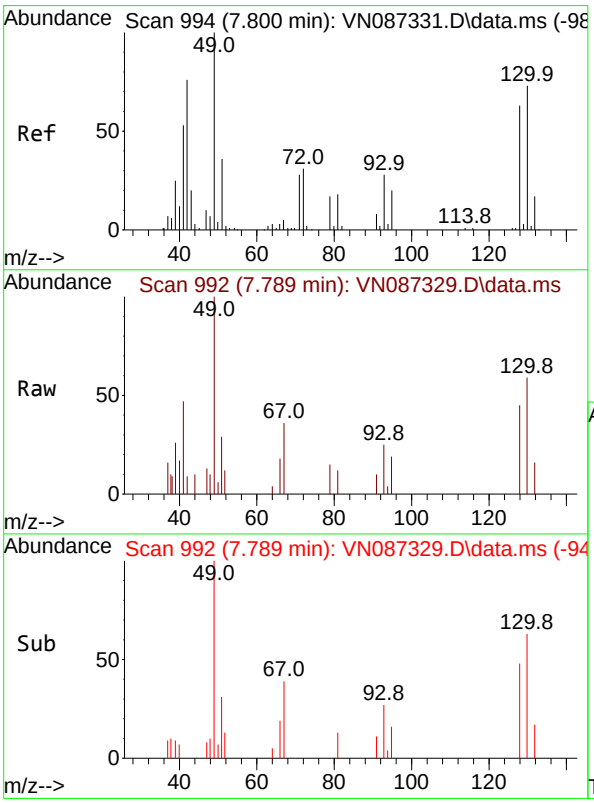
Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	297.8
98	66.8	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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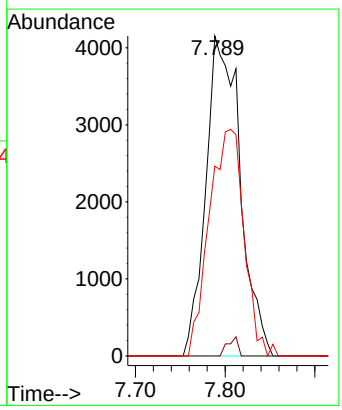
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

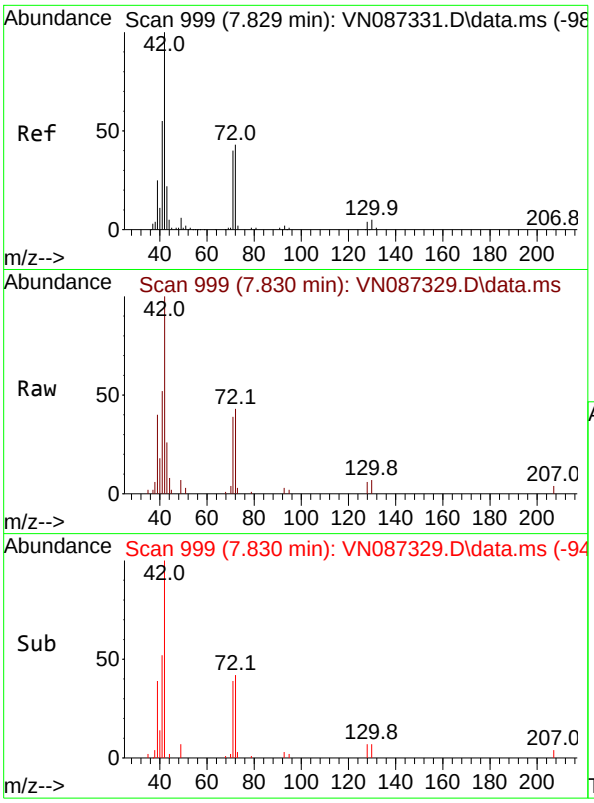


#28
Bromochloromethane
Concen: 5.348 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 49 Resp: 11022

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	57.3	85.9#





#29
Tetrahydrofuran
Concen: 24.829 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

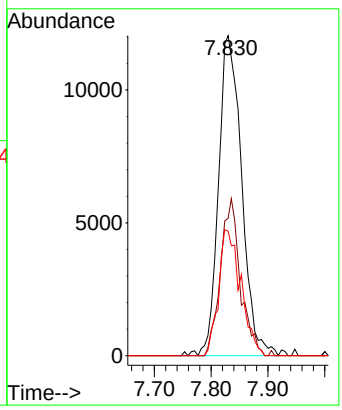
Tgt Ion: 42 Resp: 3414

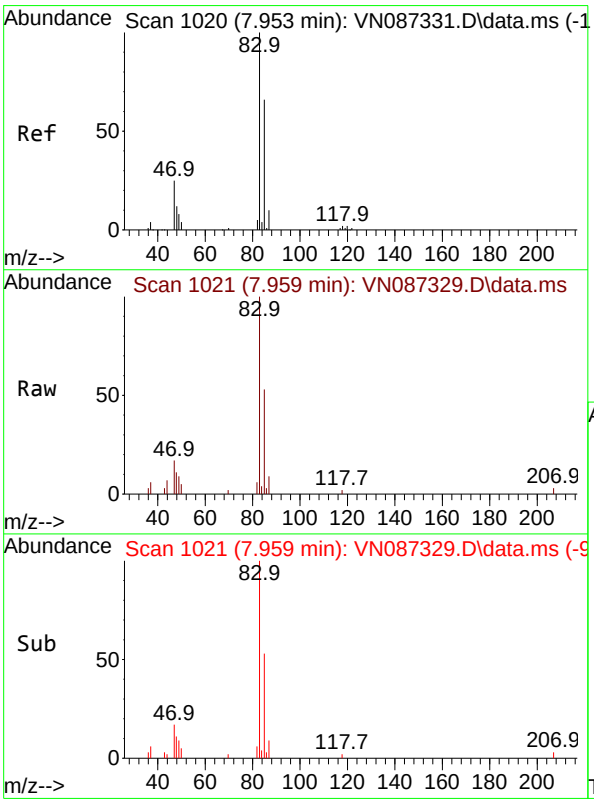
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	37.6	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

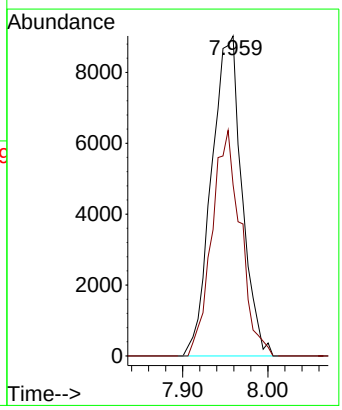


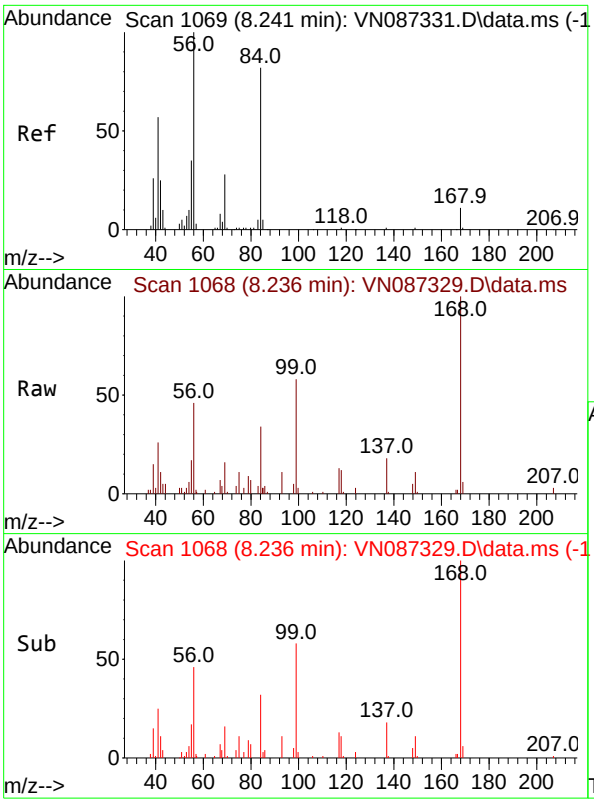


#30
Chloroform
Concen: 5.190 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 22369

Ion	Ratio	Lower	Upper
83	100		
85	53.5	52.7	79.1

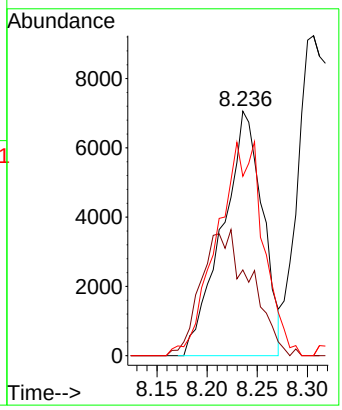




#31
Cyclohexane
Concen: 5.502 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 56 Resp: 1976

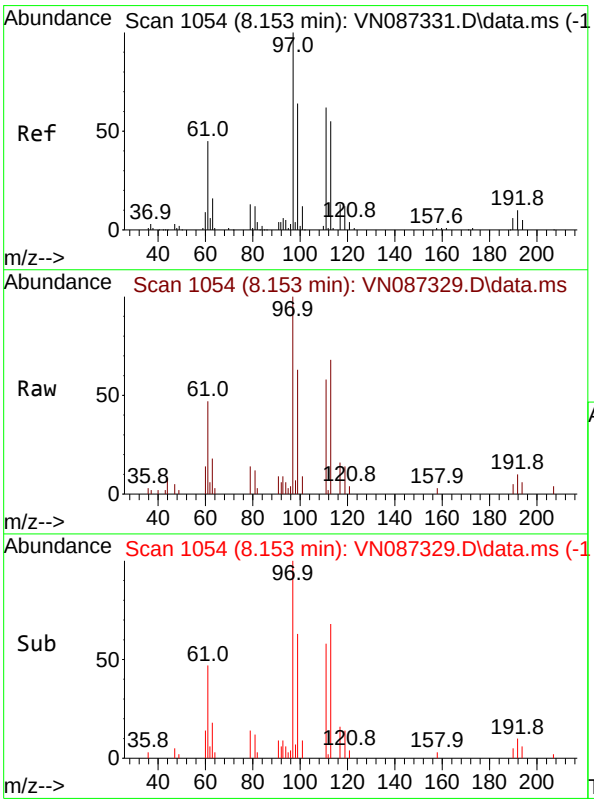
Ion	Ratio	Lower	Upper
56	100		
69	32.8	22.7	34.1
84	69.3	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

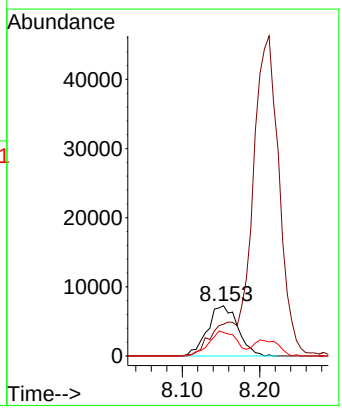
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

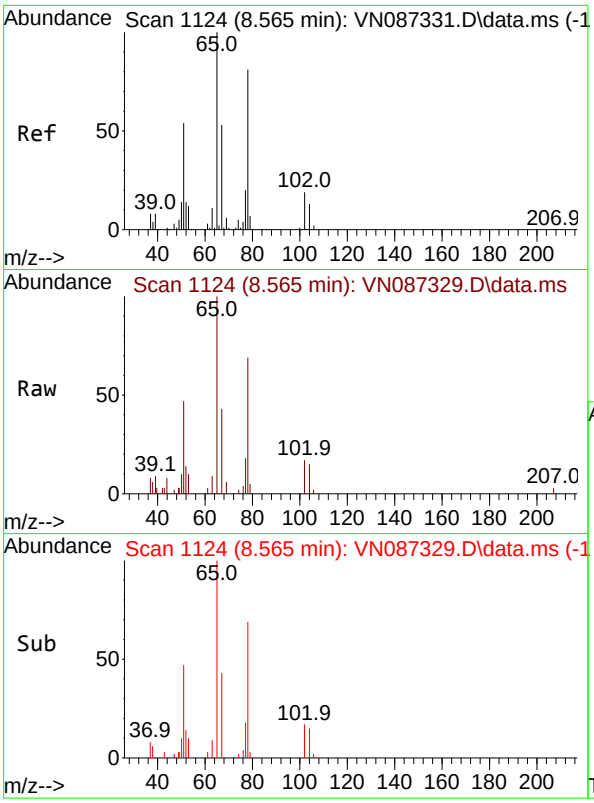


#32
1,1,1-Trichloroethane
Concen: 5.287 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 97 Resp: 19739

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	45.3	38.7	58.1

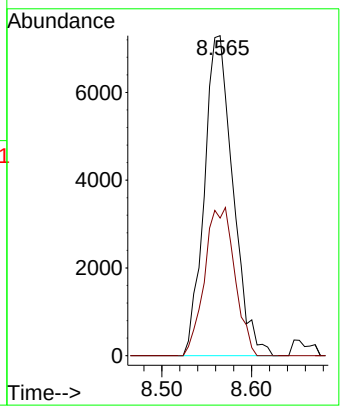




#33
1,2-Dichloroethane-d4
Concen: 5.536 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 65 Resp: 1617

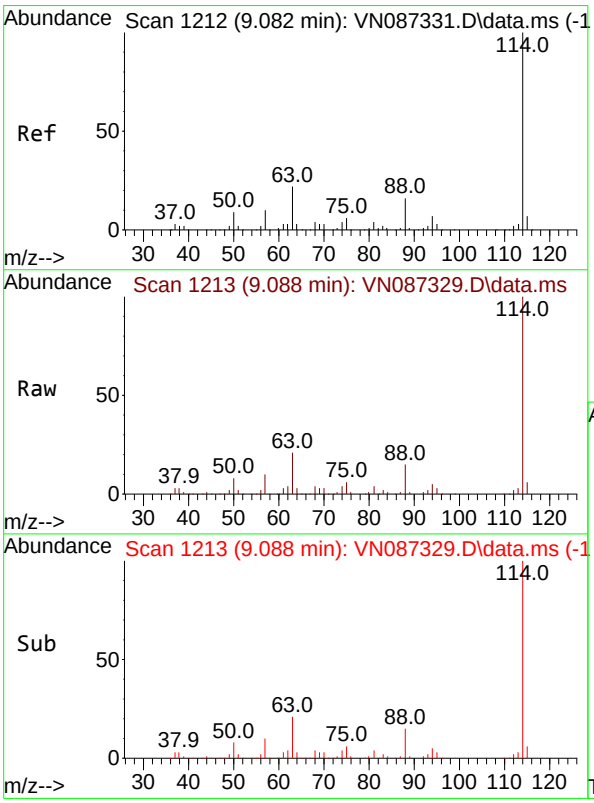
Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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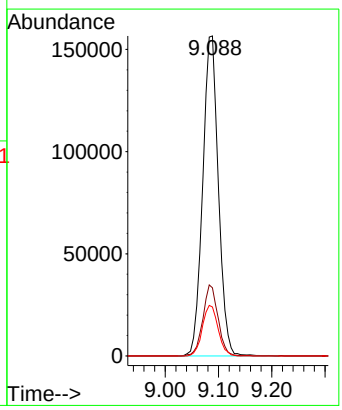
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

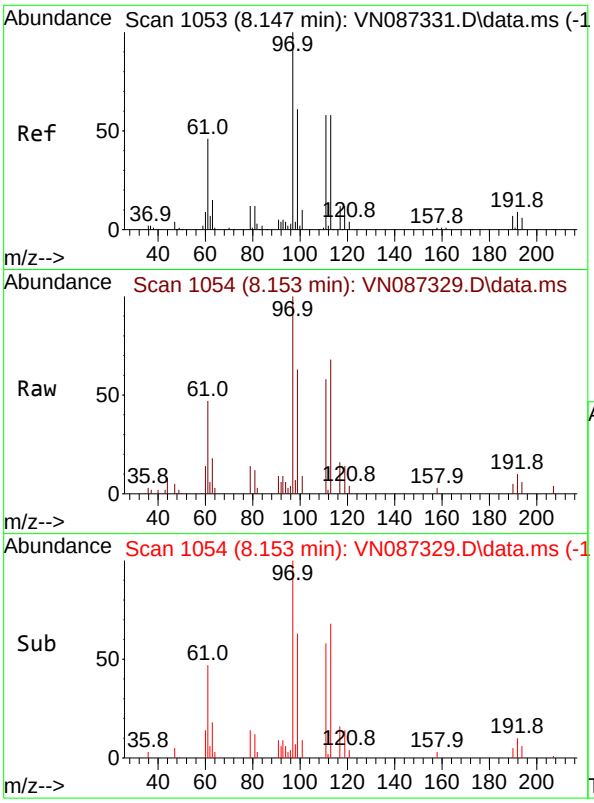


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:114 Resp: 319926

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.6
88	15.3	0.0	32.8

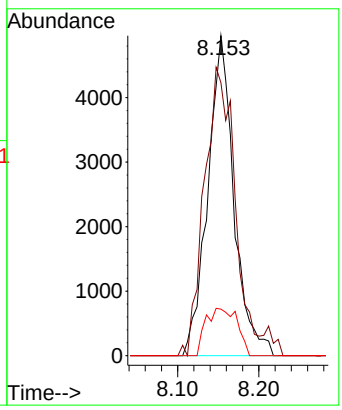




#35
Dibromofluoromethane
Concen: 5.035 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:113 Resp: 1111

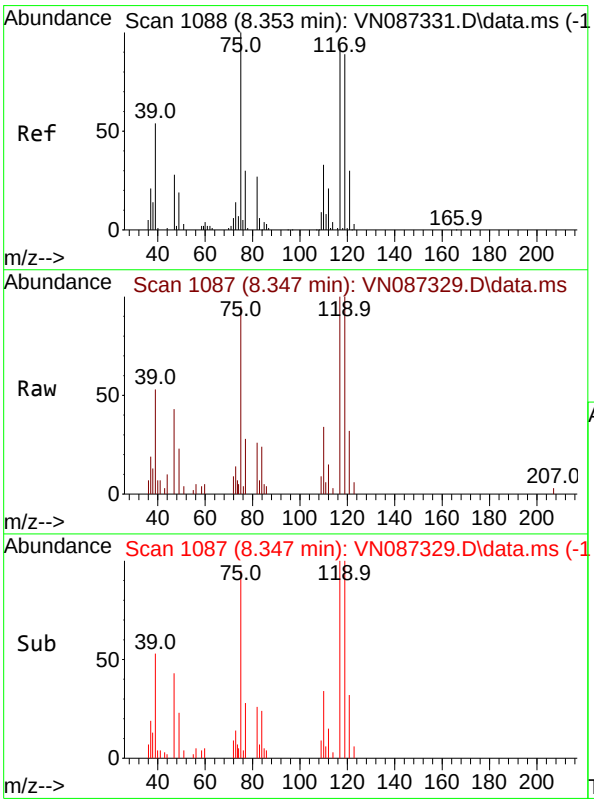
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	17.7	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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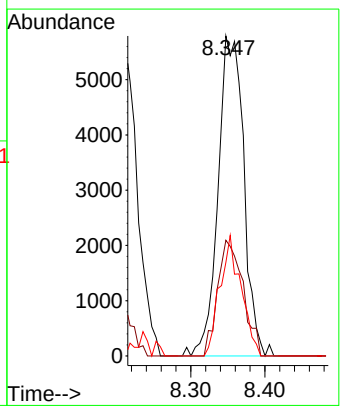
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

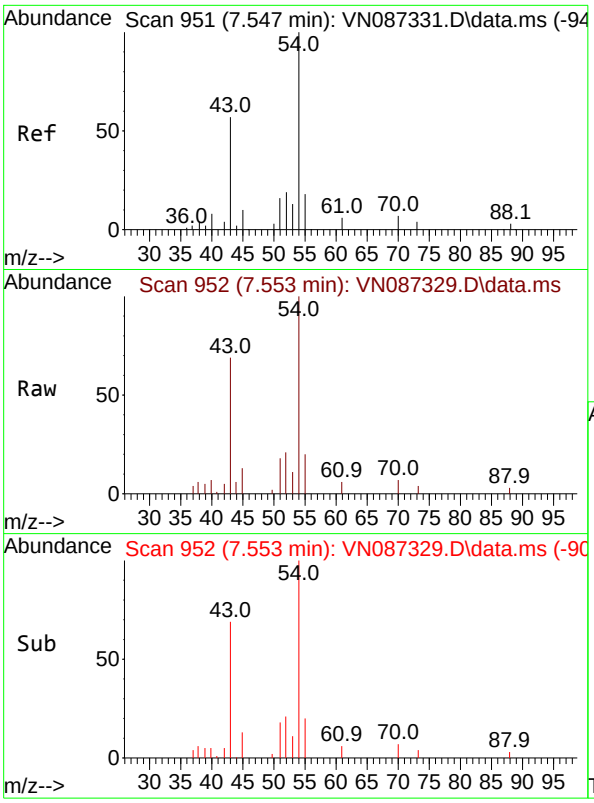


#36
1,1-Dichloropropene
Concen: 4.790 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 13965

Ion	Ratio	Lower	Upper
75	100		
110	35.8	16.7	50.1
77	31.2	25.2	37.8

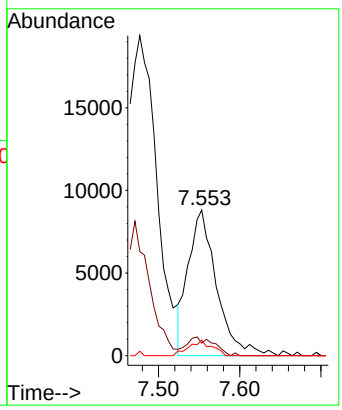




#37
Ethyl Acetate
Concen: 5.102 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 2148

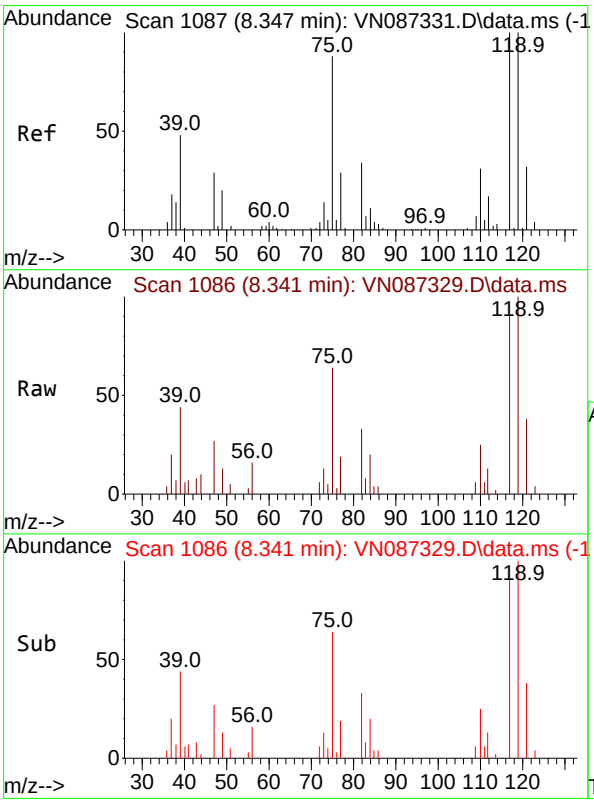
Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.9	16.3
70	8.5	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

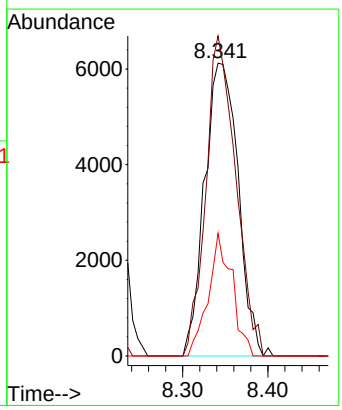
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

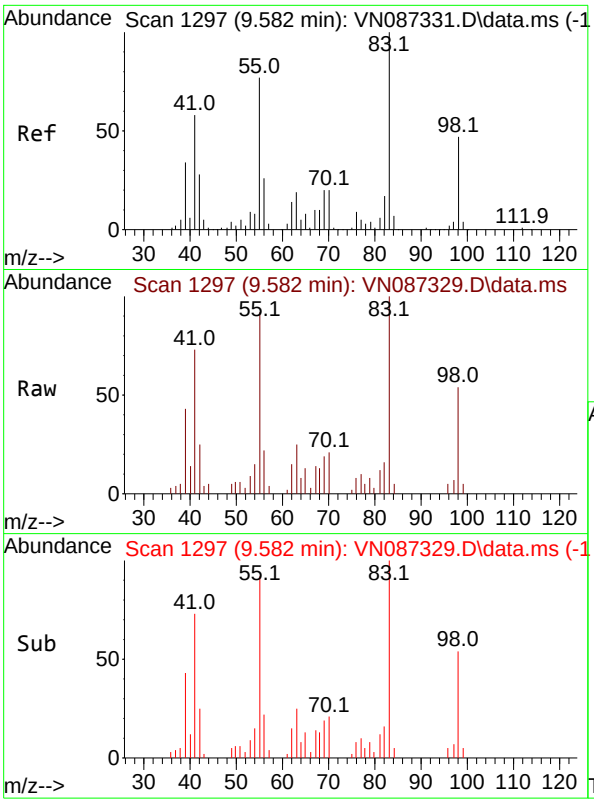


#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:117 Resp: 16718

Ion	Ratio	Lower	Upper
117	100		
119	109.3	80.2	120.2
121	41.8	25.4	38.2#

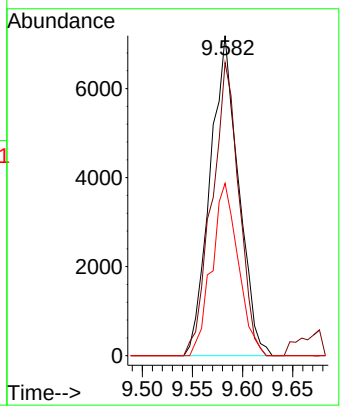




#39
Methylcyclohexane
Concen: 4.484 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 1415

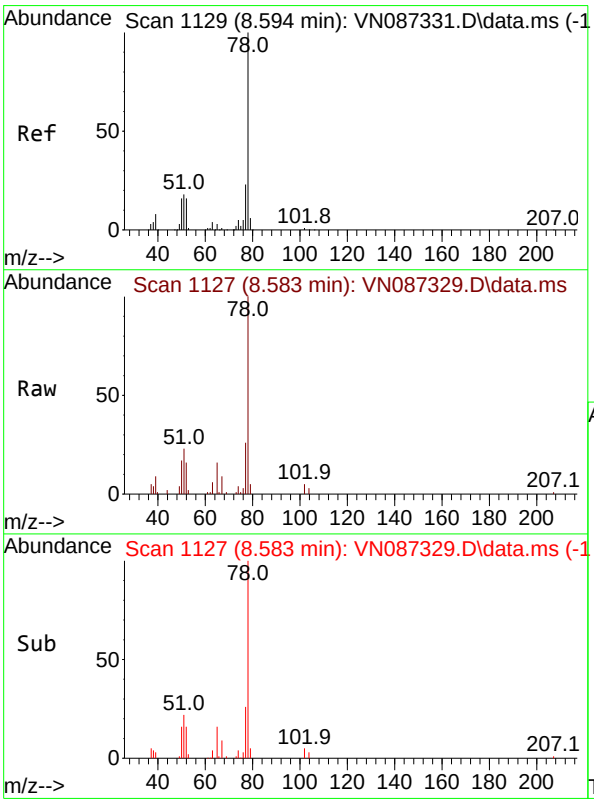
Ion	Ratio	Lower	Upper
83	100		
55	91.6	61.3	91.9
98	53.8	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

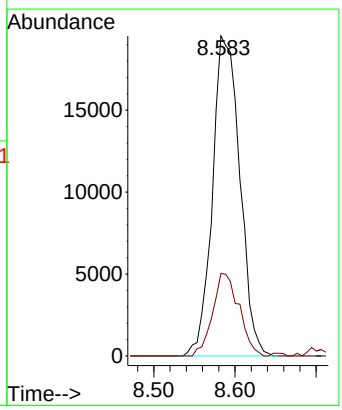
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

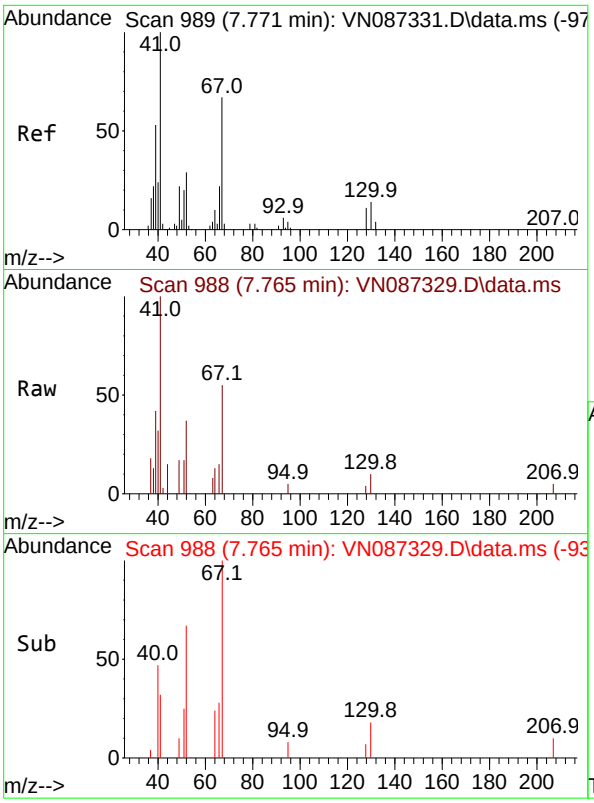


#40
Benzene
Concen: 4.855 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 78 Resp: 45748

Ion	Ratio	Lower	Upper
78	100		
77	25.8	18.2	27.2

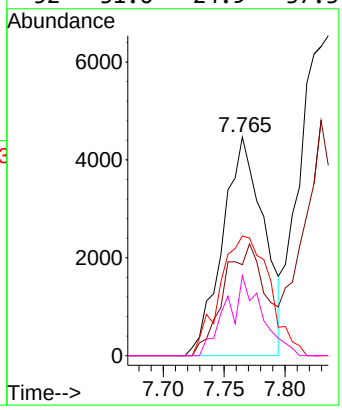




#41
Methacrylonitrile
Concen: 4.792 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 41 Resp: 1055

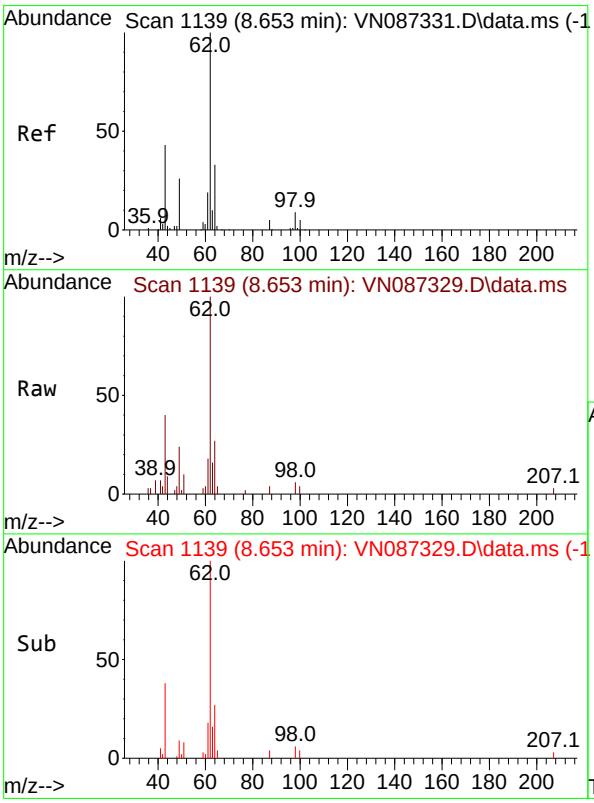
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.4	65.0
67	65.8	55.1	82.7
52	31.6	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

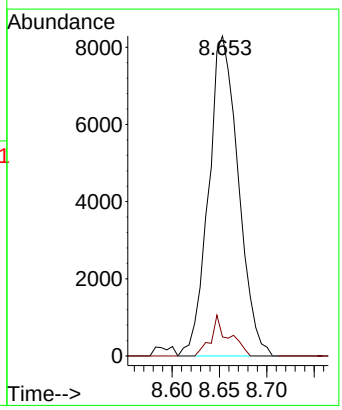
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

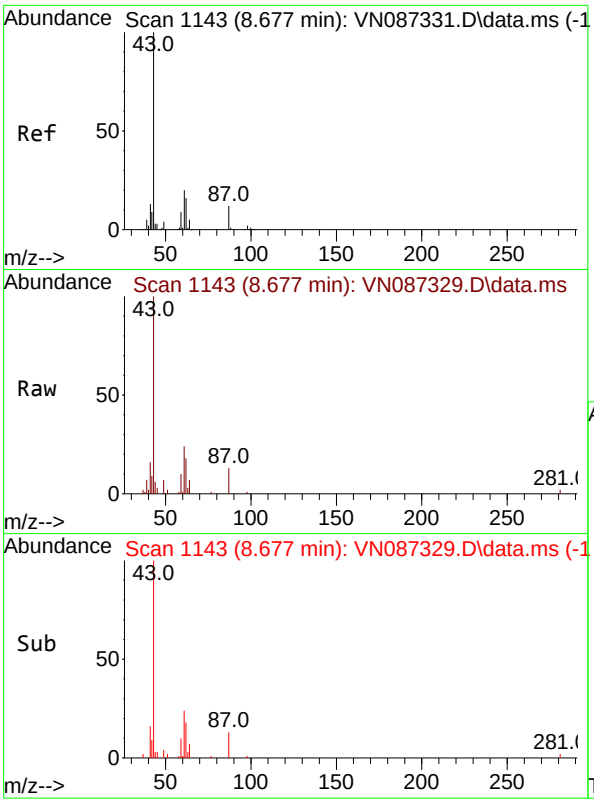


#42
1,2-Dichloroethane
Concen: 5.061 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 62 Resp: 18086

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	18.0

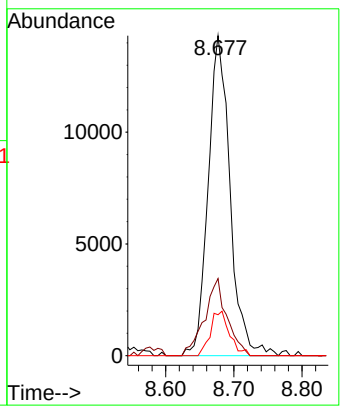




#43
Isopropyl Acetate
Concen: 4.890 ug/l
RT: 8.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 3196

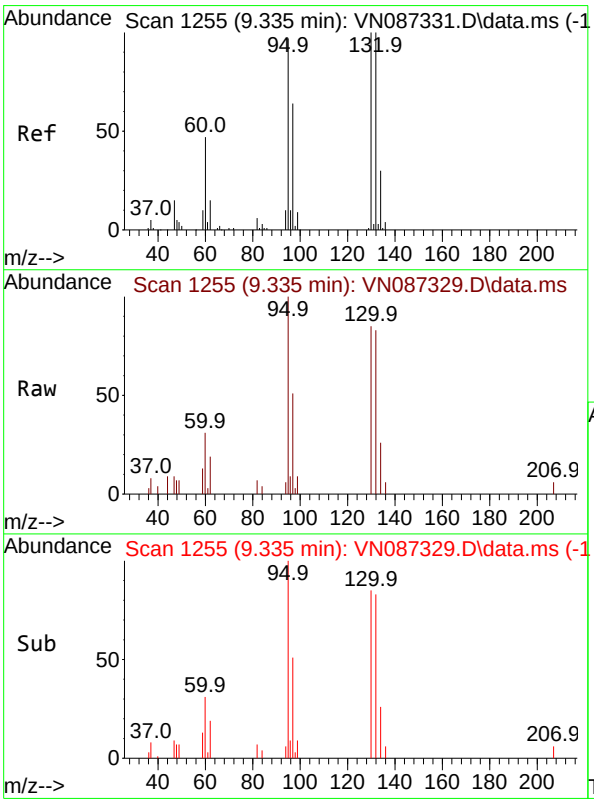
Ion	Ratio	Lower	Upper
43	100		
61	24.7	19.8	29.8
87	12.2	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

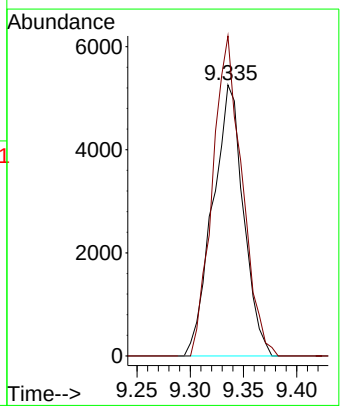
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

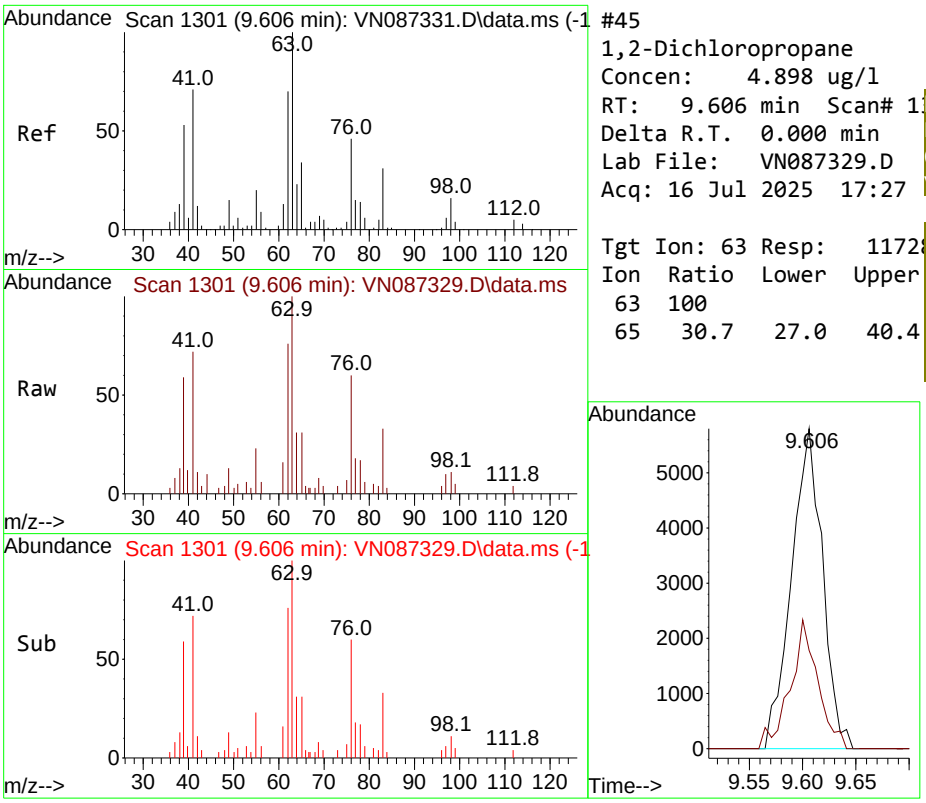


#44
Trichloroethene
Concen: 4.748 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:130 Resp: 10573

Ion	Ratio	Lower	Upper
130	100		
95	118.0	0.0	195.2





#45
1,2-Dichloropropane
Concen: 4.898 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

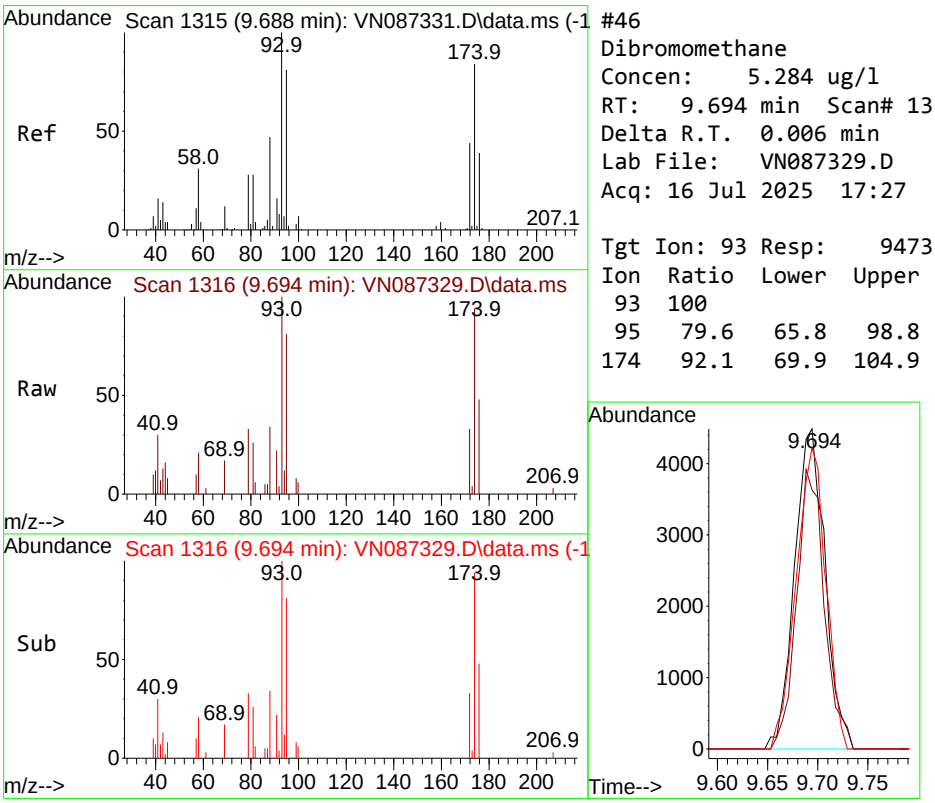
Tgt Ion: 63 Resp: 1172

Ion	Ratio	Lower	Upper
63	100		
65	30.7	27.0	40.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

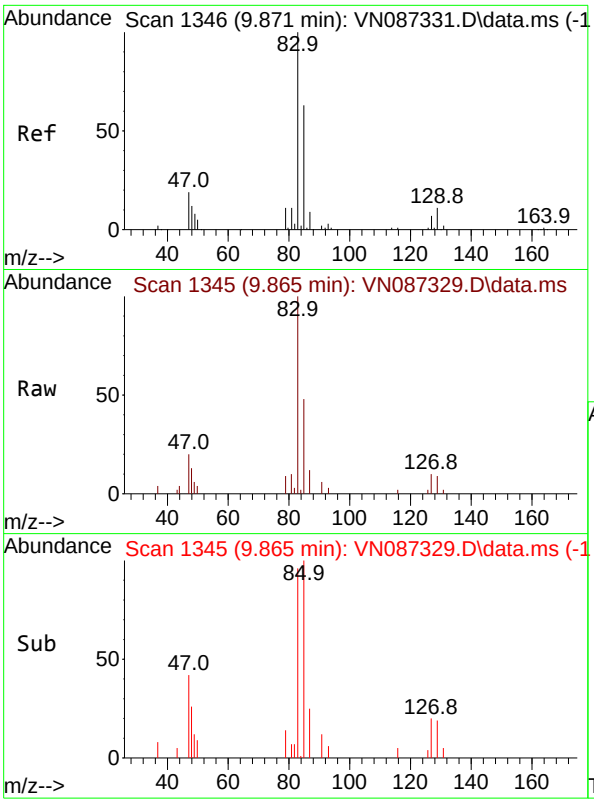
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
Dibromomethane
Concen: 5.284 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 93 Resp: 9473

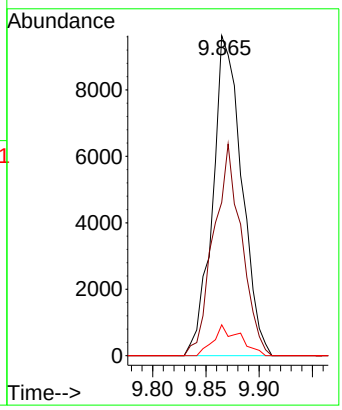
Ion	Ratio	Lower	Upper
93	100		
95	79.6	65.8	98.8
174	92.1	69.9	104.9



#47
Bromodichloromethane
Concen: 5.068 ug/l
RT: 9.865 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 1830

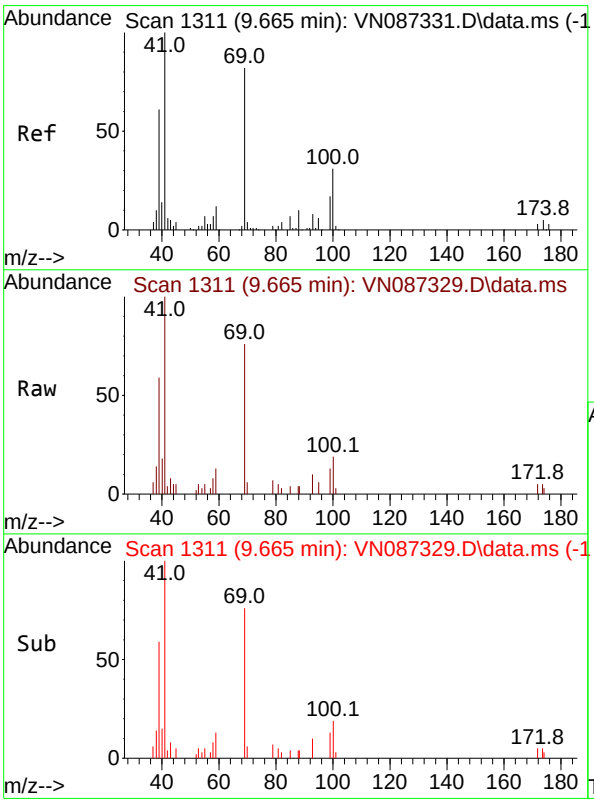
Ion	Ratio	Lower	Upper
83	100		
85	47.9	50.4	75.6
127	9.7	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

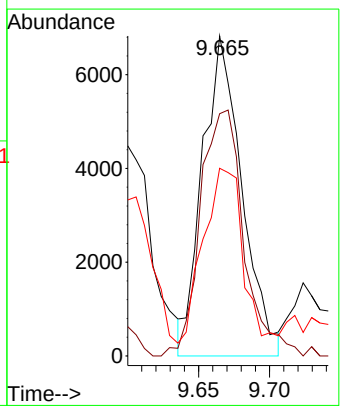
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

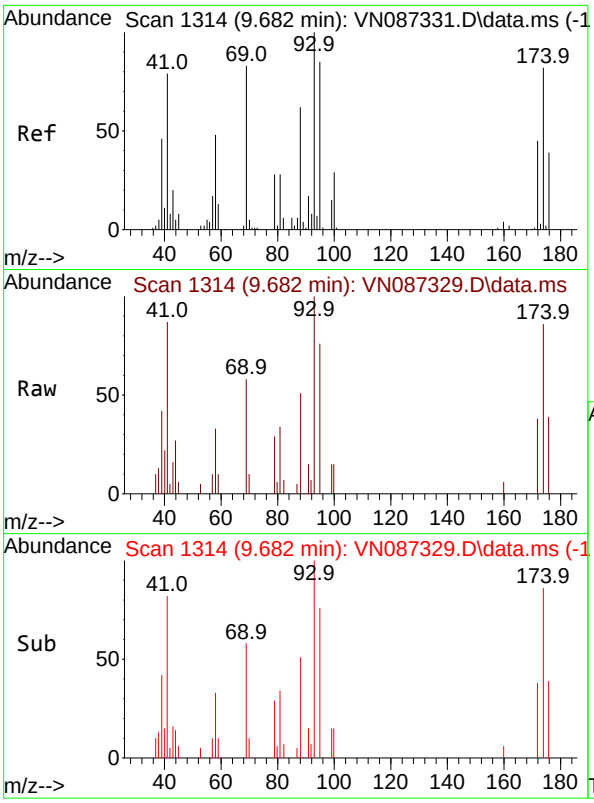


#48
Methyl methacrylate
Concen: 4.475 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 41 Resp: 13169

Ion	Ratio	Lower	Upper
41	100		
69	84.9	64.1	96.1
39	54.4	45.5	68.3

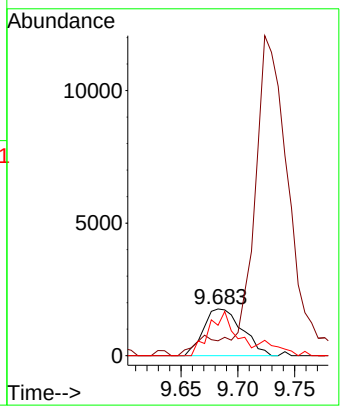




#49
1,4-Dioxane
Concen: 92.653 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 88 Resp: 417

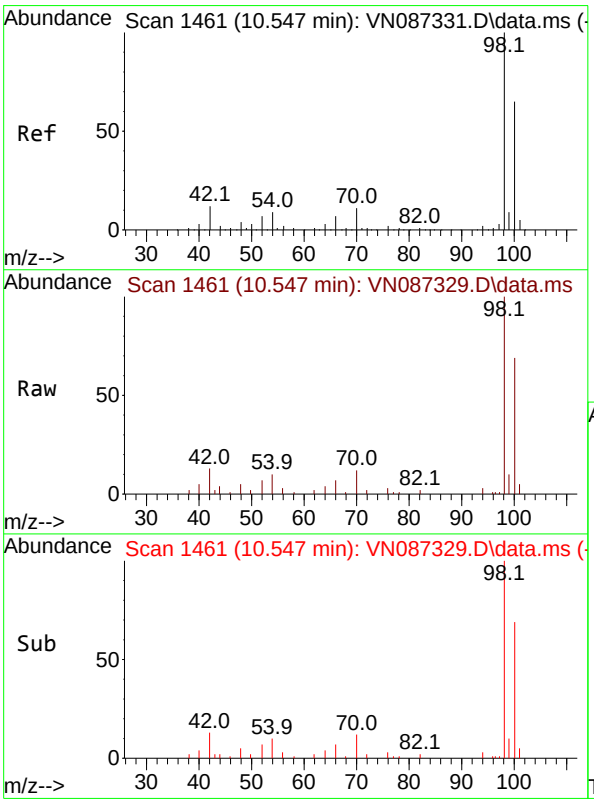
Ion	Ratio	Lower	Upper
88	100		
43	25.3	0.0	0.0
58	65.4	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

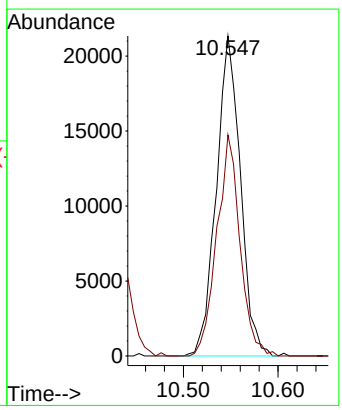
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

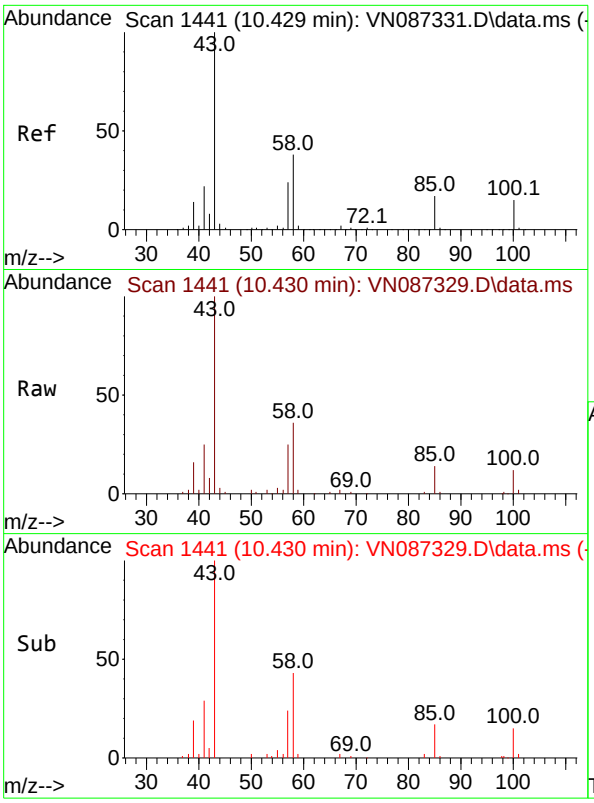


#50
Toluene-d8
Concen: 4.796 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 98 Resp: 37751

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.1	78.1

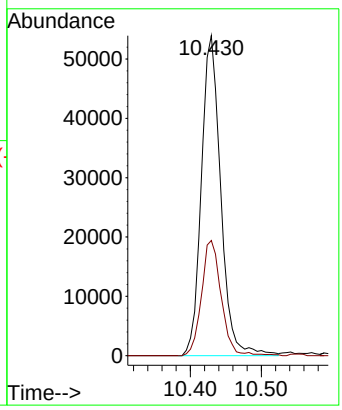




#51
4-Methyl-2-Pentanone
Concen: 24.797 ug/l
RT: 10.430 min Scan# 14
Delta R.T. 0.001 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 10251

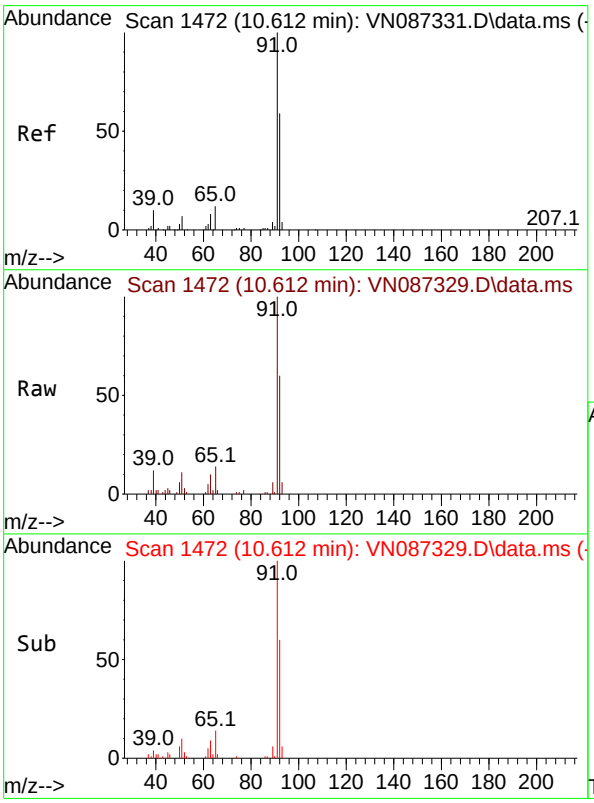
Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

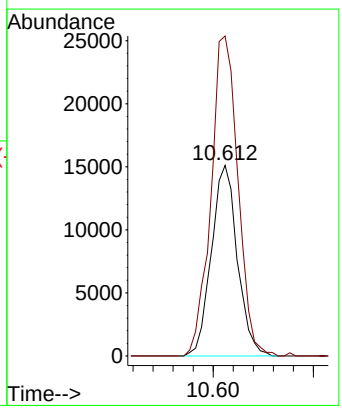
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

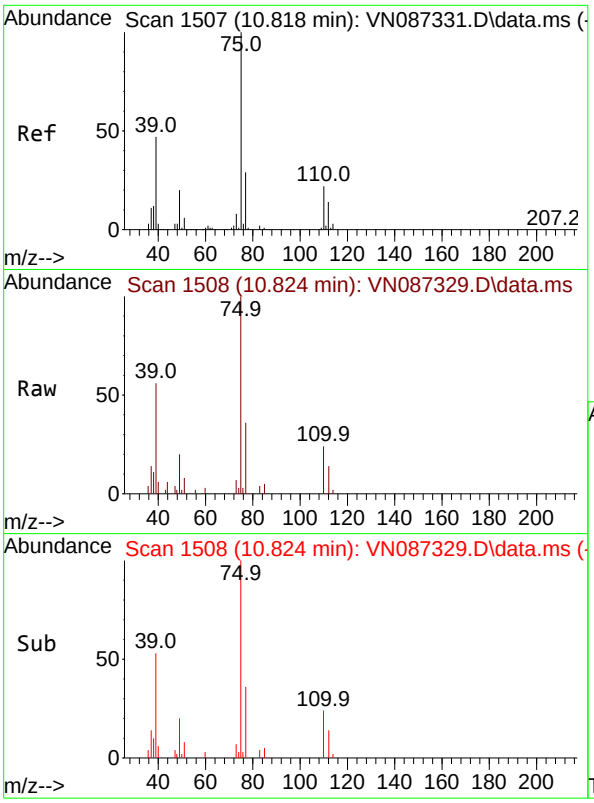


#52
Toluene
Concen: 4.742 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 92 Resp: 27158

Ion	Ratio	Lower	Upper
92	100		
91	174.6	135.1	202.7

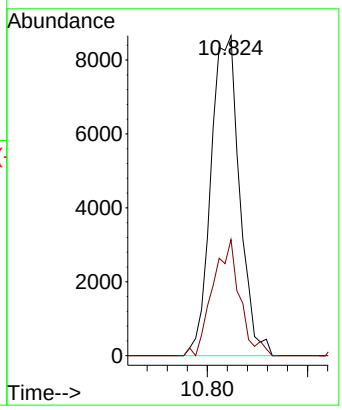




#53
t-1,3-Dichloropropene
Concen: 4.688 ug/l
RT: 10.824 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 1713

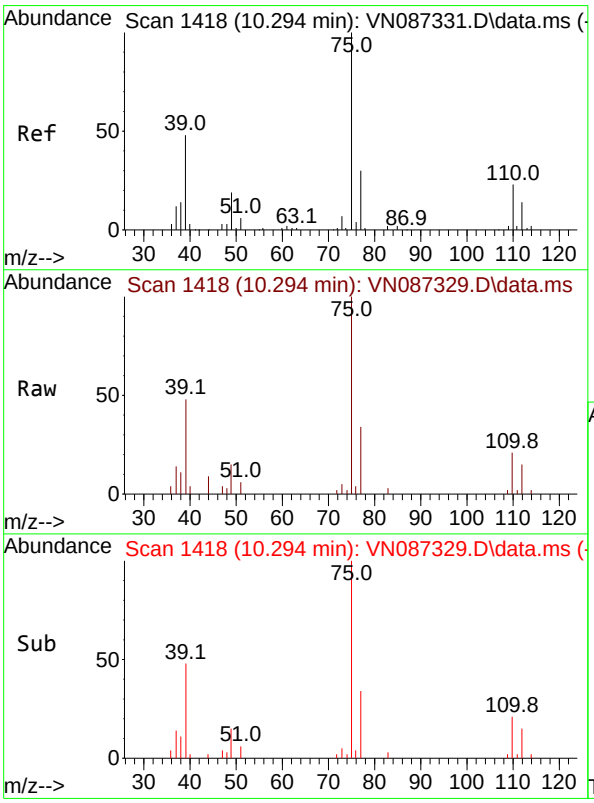
Ion	Ratio	Lower	Upper
75	100		
77	36.3	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

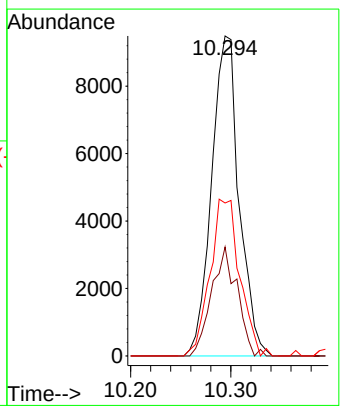
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

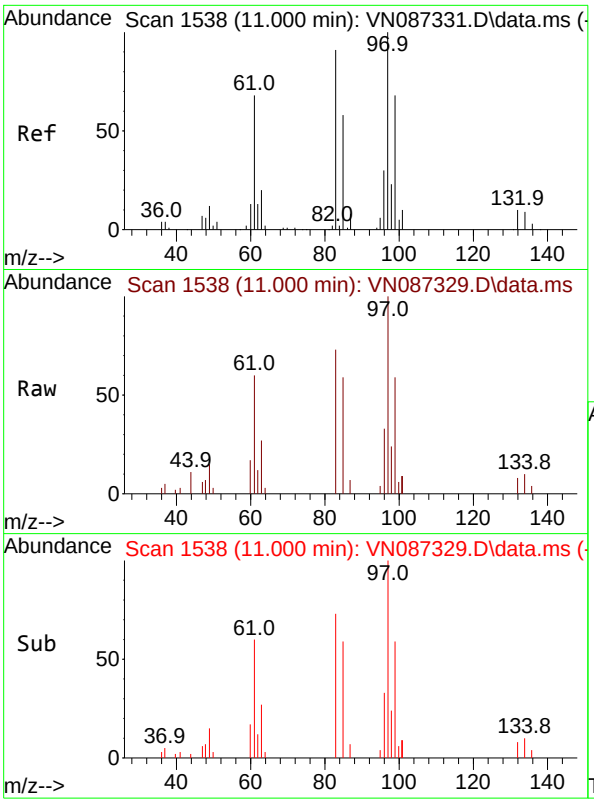


#54
cis-1,3-Dichloropropene
Concen: 4.780 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 18046

Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.2	36.2
39	47.8	38.4	57.6

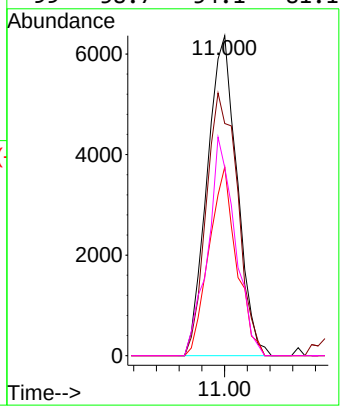




#55
1,1,2-Trichloroethane
Concen: 5.021 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 97 Resp: 1164

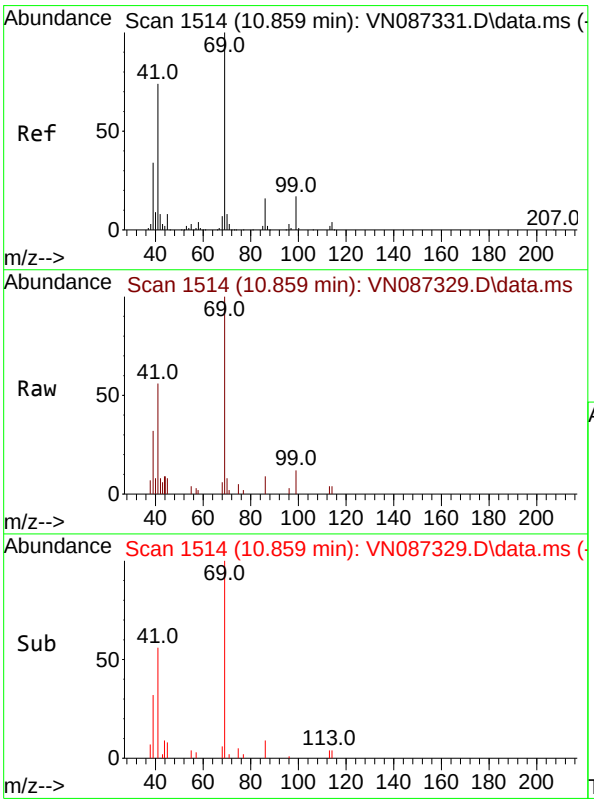
Ion	Ratio	Lower	Upper
97	100		
83	72.6	72.6	109.0#
85	59.0	46.7	70.1
99	58.7	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

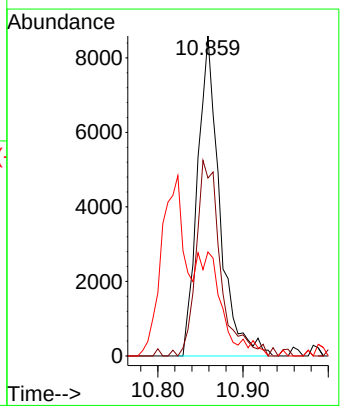
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

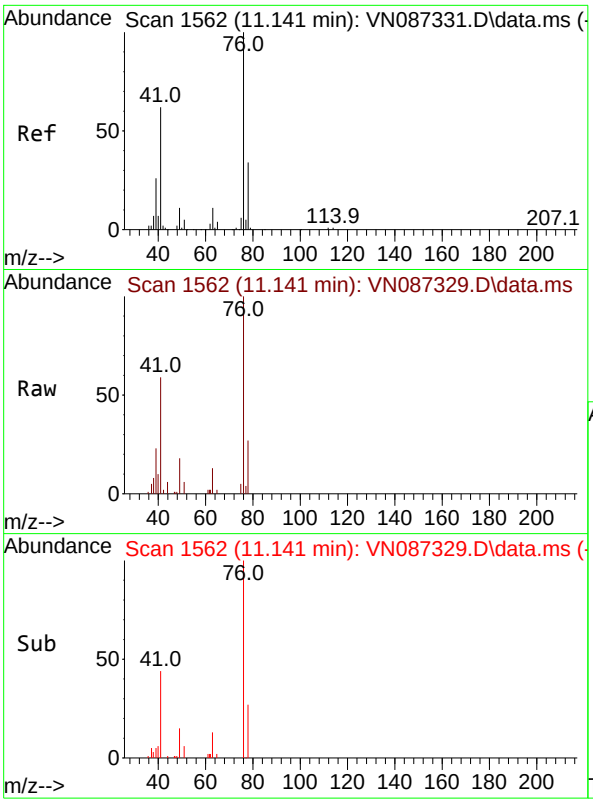


#56
Ethyl methacrylate
Concen: 4.693 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 69 Resp: 15548

Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.1	82.7
39	28.8	27.9	41.9

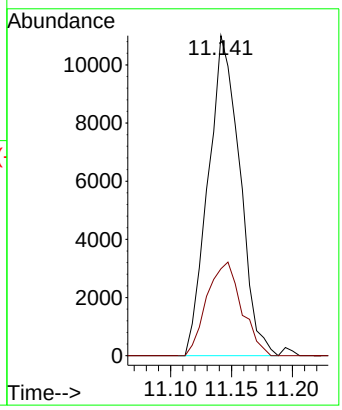




#57
1,3-Dichloropropane
Concen: 4.956 ug/l
RT: 11.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 76 Resp: 1986

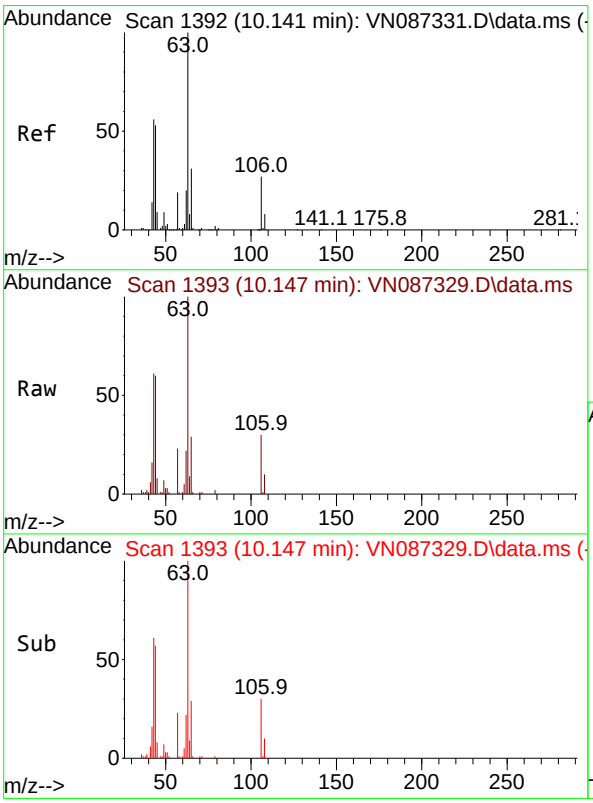
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

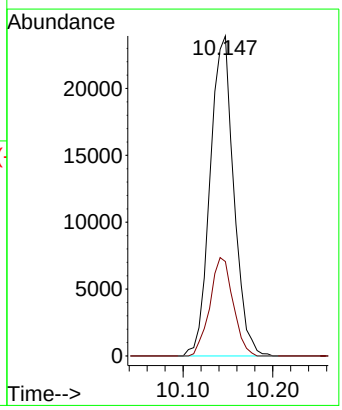
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

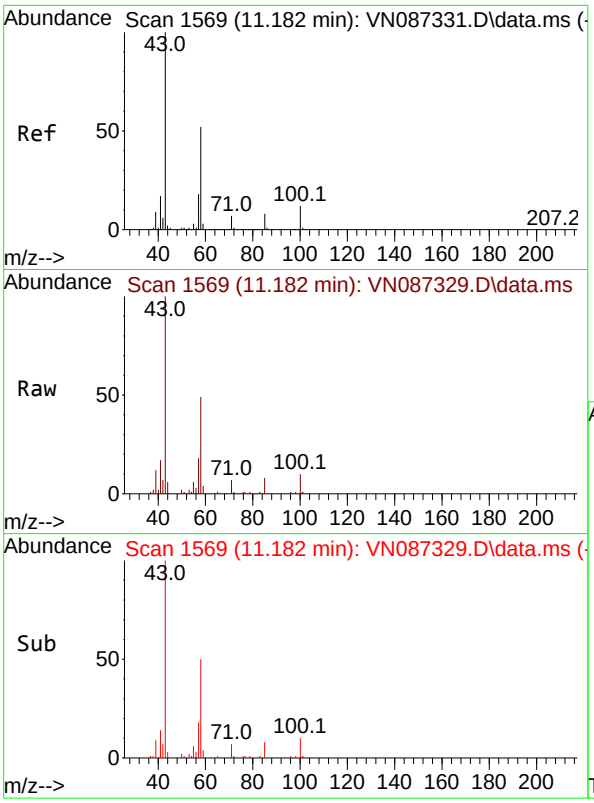


#58
2-Chloroethyl Vinyl ether
Concen: 22.968 ug/l
RT: 10.147 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 63 Resp: 43690

Ion	Ratio	Lower	Upper
63	100		
106	30.2	21.7	32.5

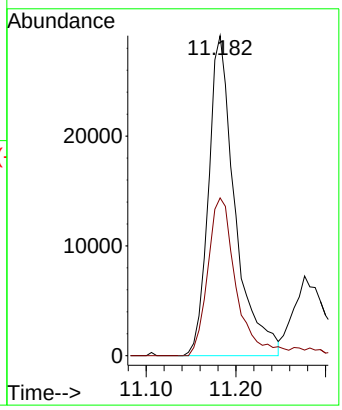




#59
2-Hexanone
Concen: 21.778 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 5973

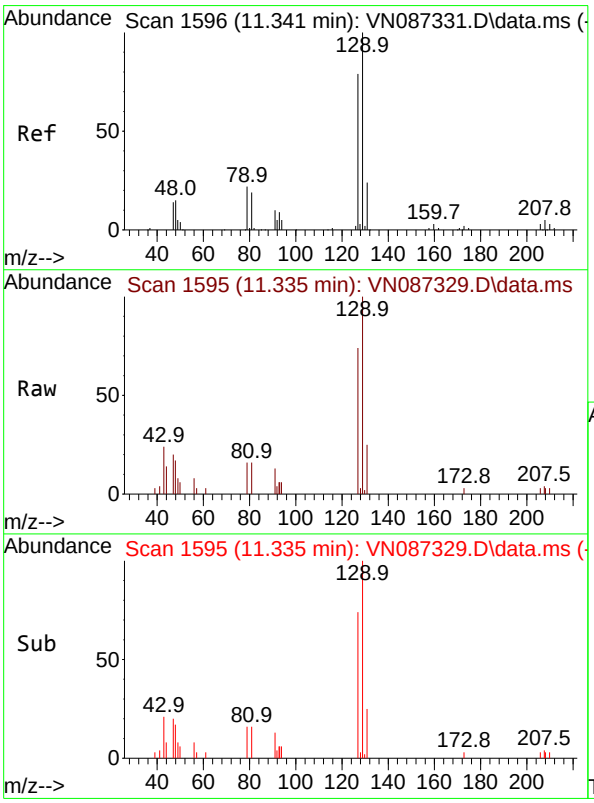
Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.7	80.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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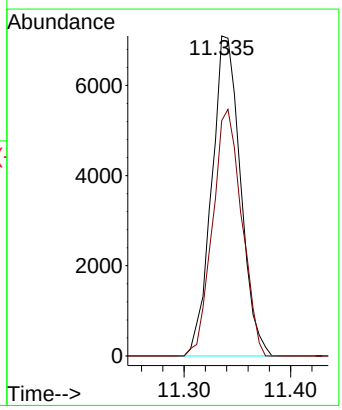
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

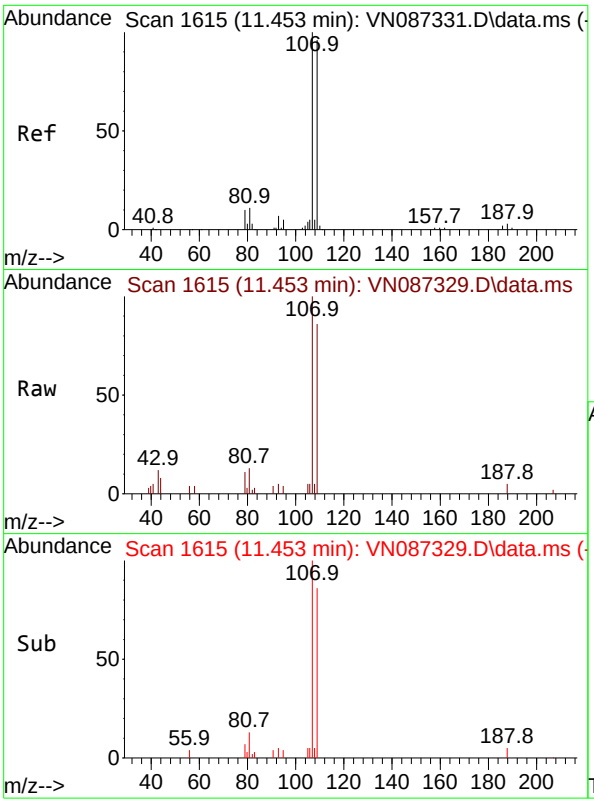


#60
Dibromochloromethane
Concen: 5.037 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:129 Resp: 13321

Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.1	117.5





#61
1,2-Dibromoethane
Concen: 4.898 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

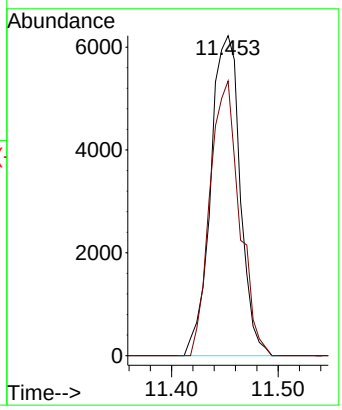
Tgt Ion:107 Resp: 1194

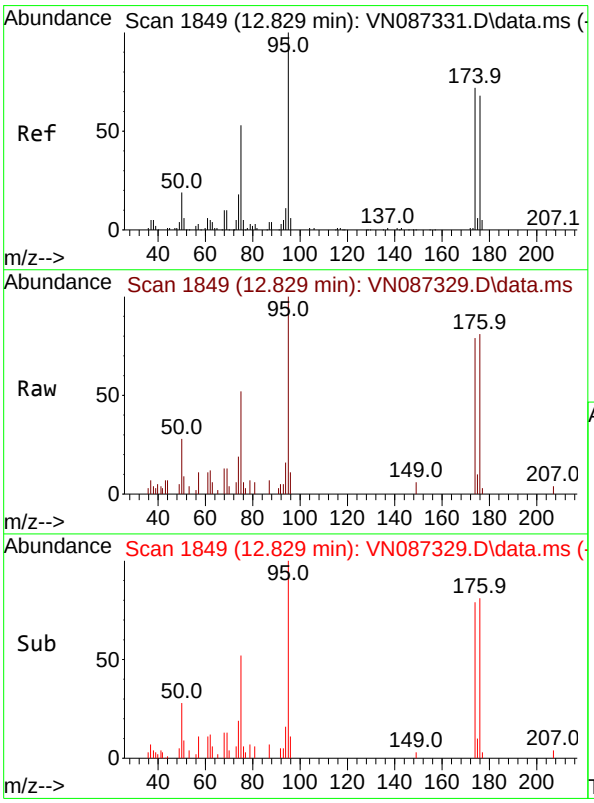
Ion	Ratio	Lower	Upper
107	100		
109	86.3	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

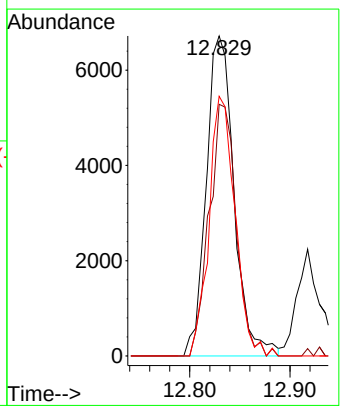


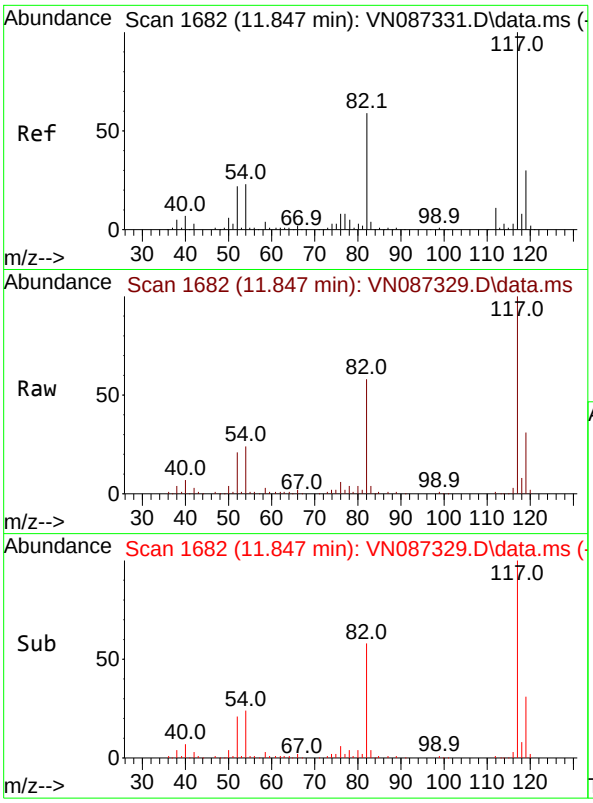


#62
4-Bromofluorobenzene
Concen: 4.450 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 95 Resp: 12943

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	149.4
176	76.1	0.0	141.2

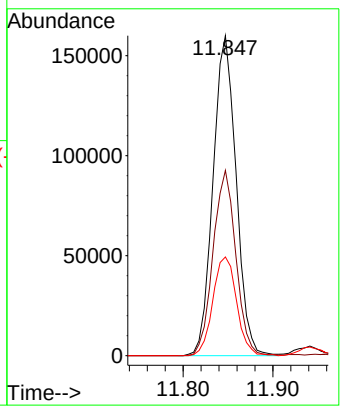




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:117 Resp: 28558

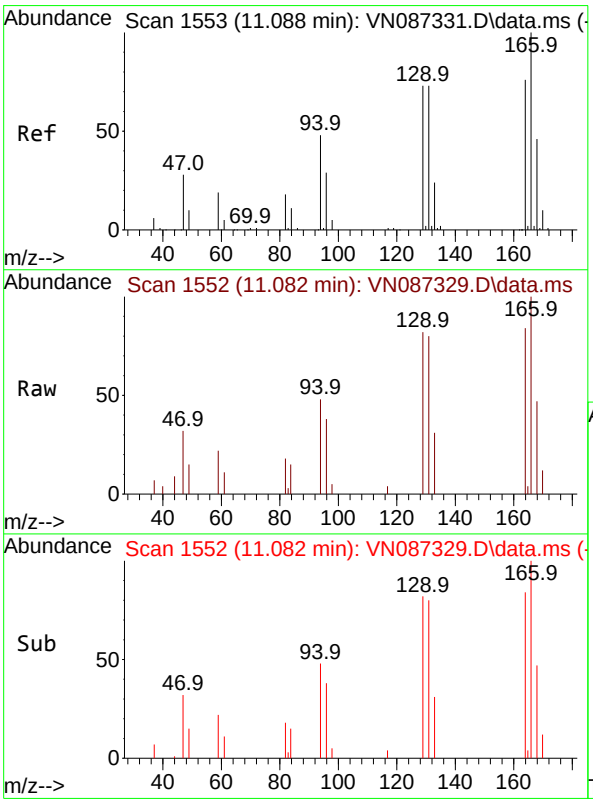
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	30.8	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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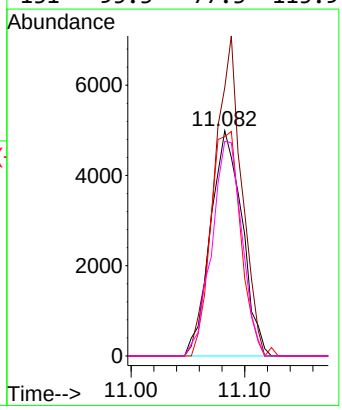
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

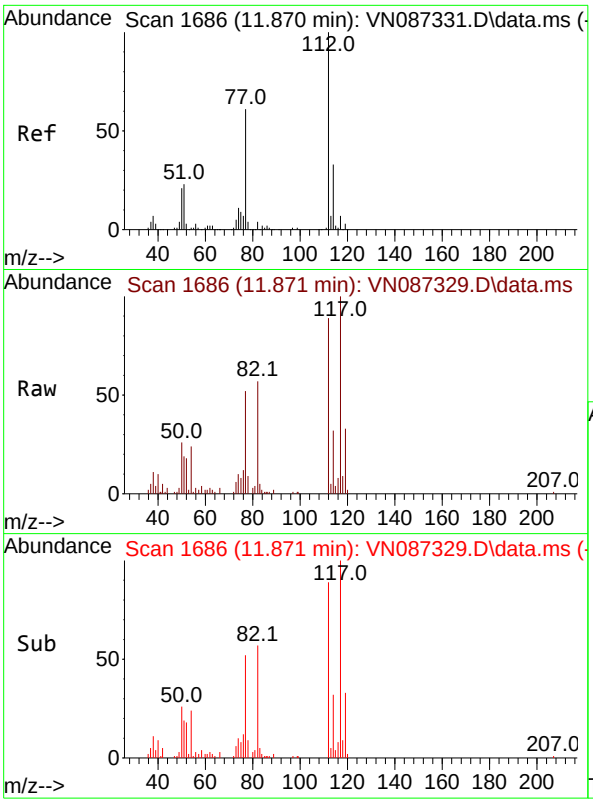


#64
Tetrachloroethene
Concen: 5.256 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:164 Resp: 9660

Ion	Ratio	Lower	Upper
164	100		
166	119.2	105.5	158.3
129	97.5	77.4	116.2
131	95.3	77.3	115.9

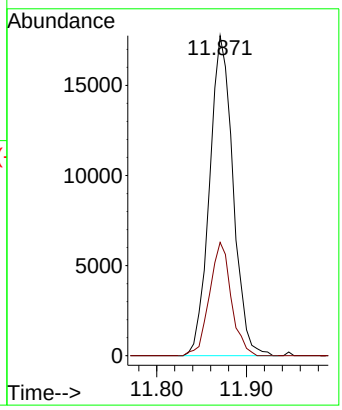




#65
Chlorobenzene
Concen: 5.038 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:112 Resp: 3230

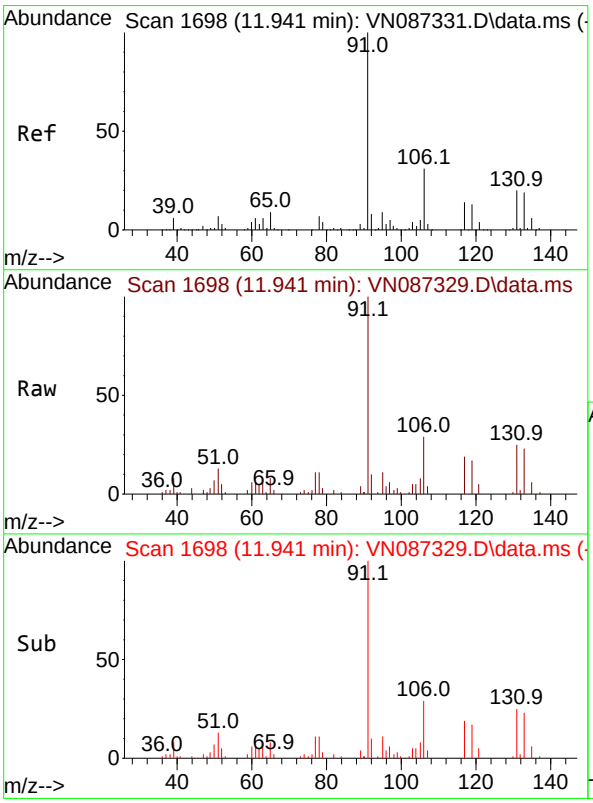
Ion	Ratio	Lower	Upper
112	100		
114	35.4	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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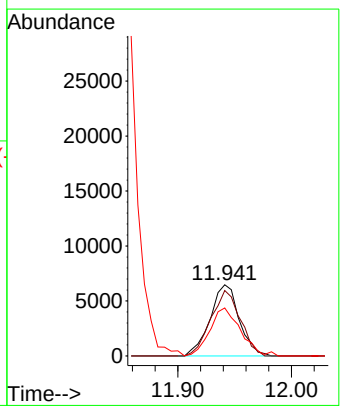
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

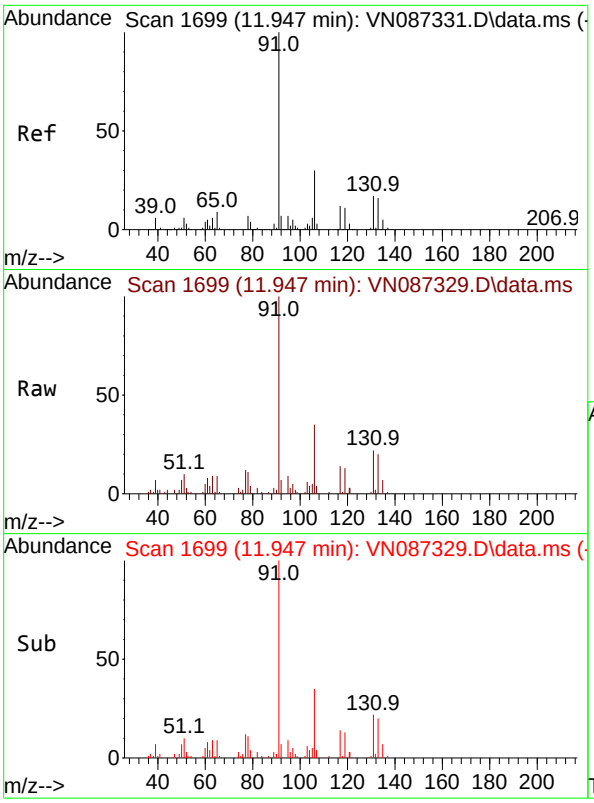


#66
1,1,1,2-Tetrachloroethane
Concen: 5.312 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:131 Resp: 11581

Ion	Ratio	Lower	Upper
131	100		
133	92.2	47.4	142.3
119	70.7	33.1	99.2





#67
Ethyl Benzene
Concen: 4.701 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

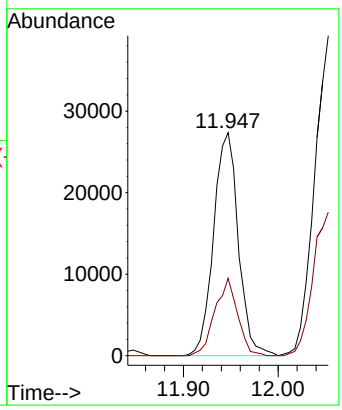
Tgt Ion: 91 Resp: 4962

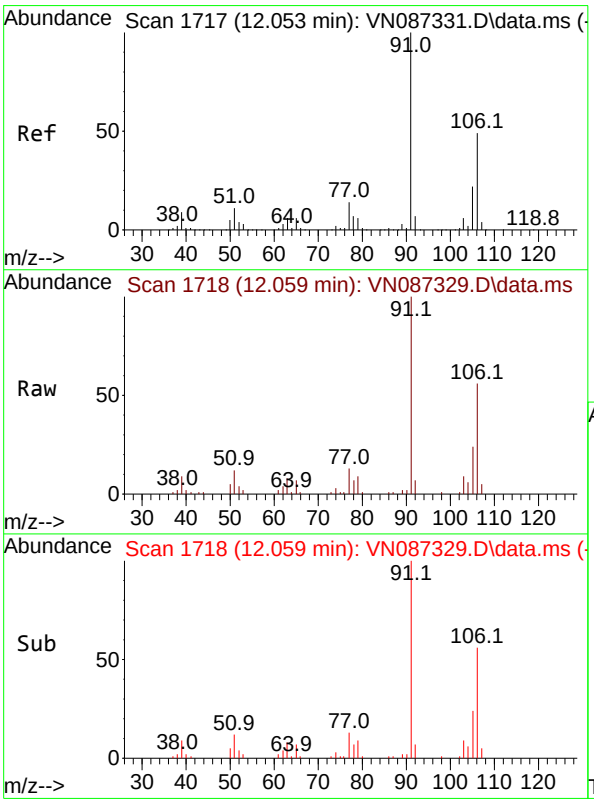
Ion	Ratio	Lower	Upper
91	100		
106	34.6	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

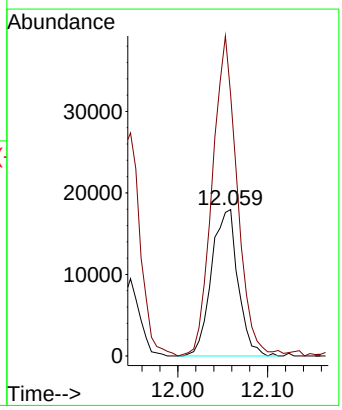


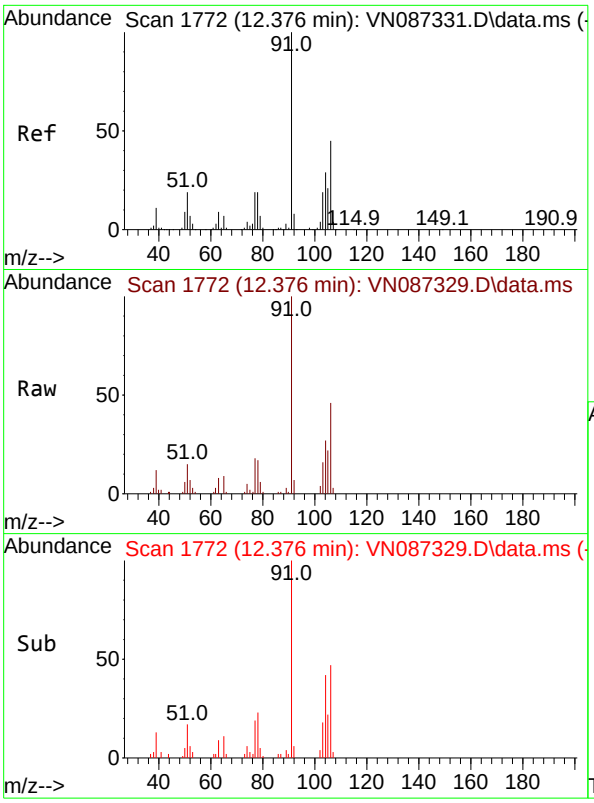


#68
m/p-Xylenes
Concen: 9.332 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:106 Resp: 36883

Ion	Ratio	Lower	Upper
106	100		
91	205.1	162.0	243.0





#69
o-Xylene
Concen: 4.580 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

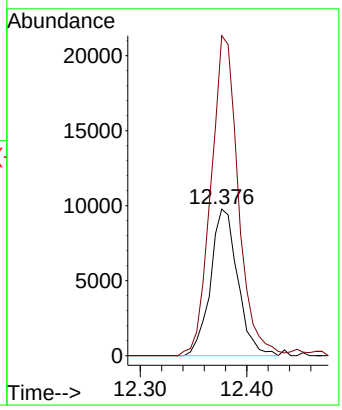
Tgt Ion:106 Resp: 1729

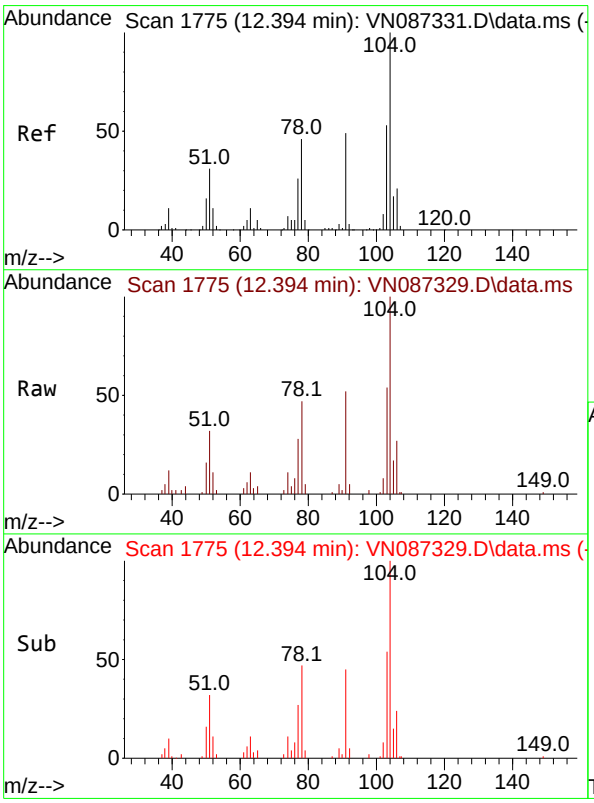
Ion	Ratio	Lower	Upper
106	100		
91	219.7	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

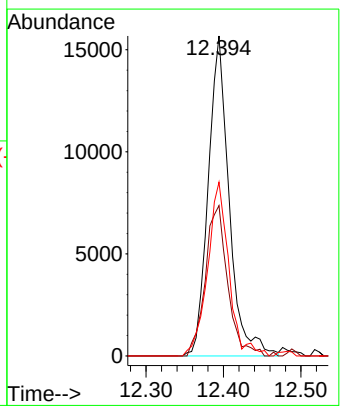


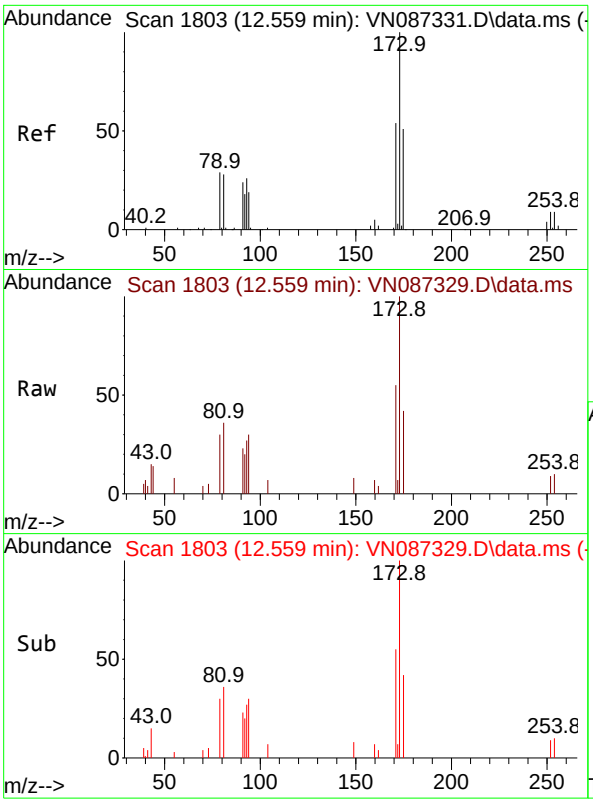


#70
Styrene
Concen: 4.639 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:104 Resp: 29462

Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.0	61.6
103	55.1	43.9	65.9

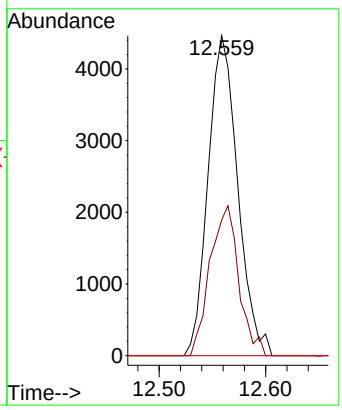




#71
Bromoform
Concen: 4.899 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:173 Resp: 862

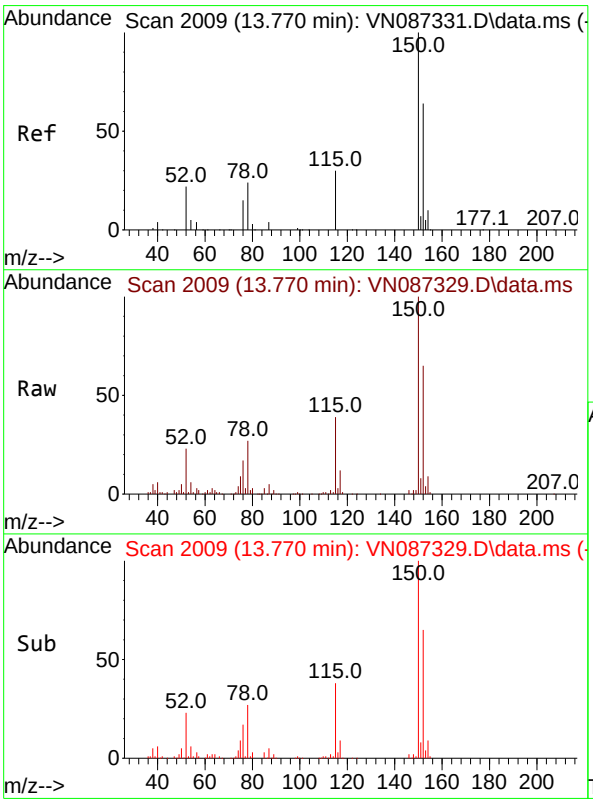
Ion	Ratio	Lower	Upper
173	100		
175	45.5	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

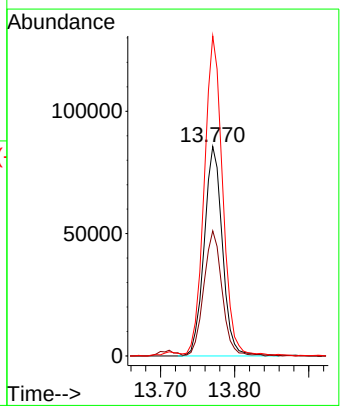
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

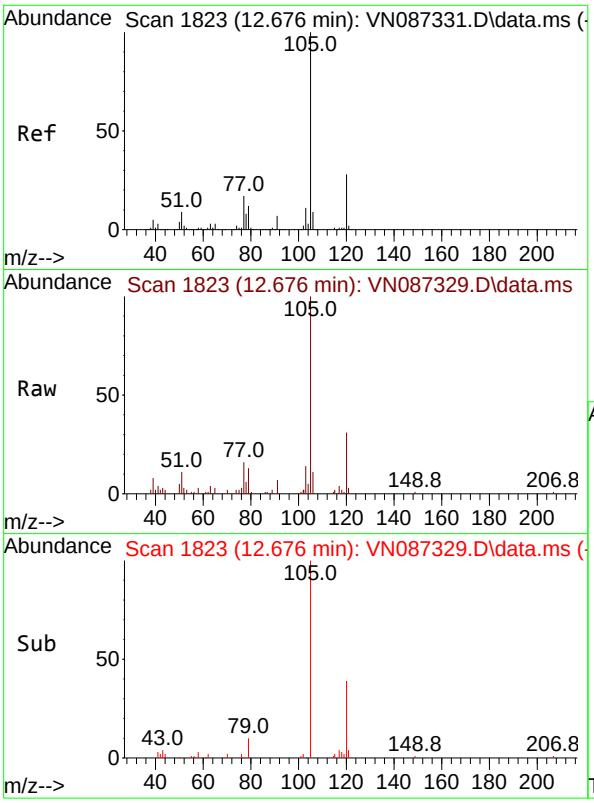


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:152 Resp: 146494

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.1	93.5
150	152.1	0.0	349.0

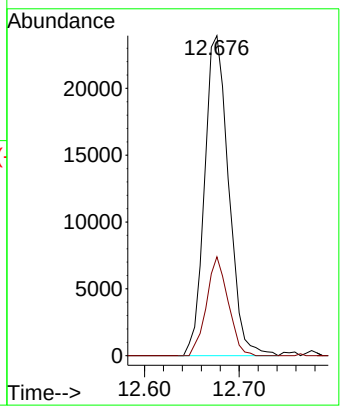




#73
Isopropylbenzene
Concen: 4.590 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:105 Resp: 4232

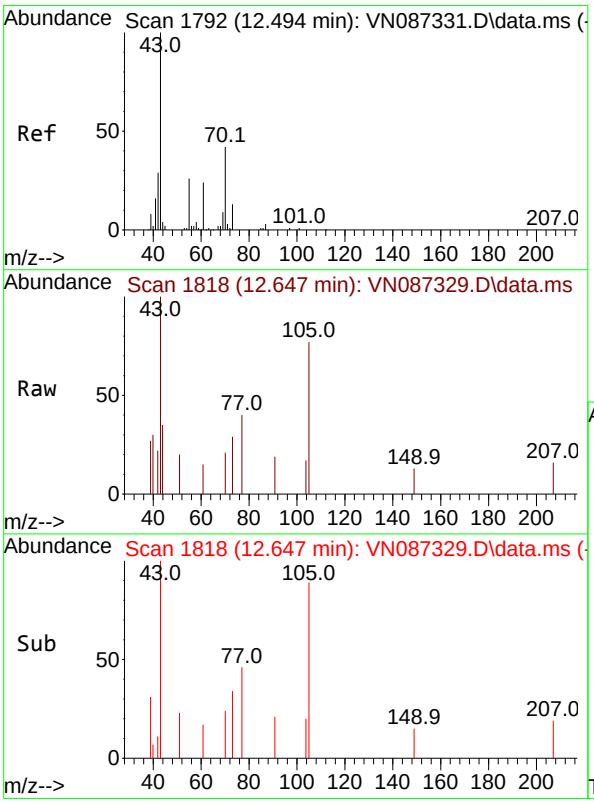
Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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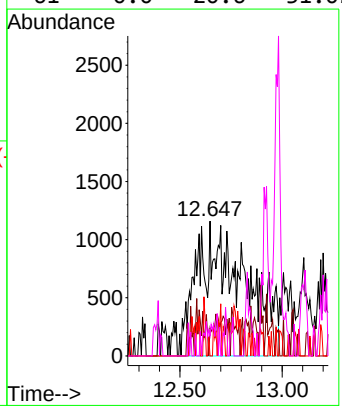
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

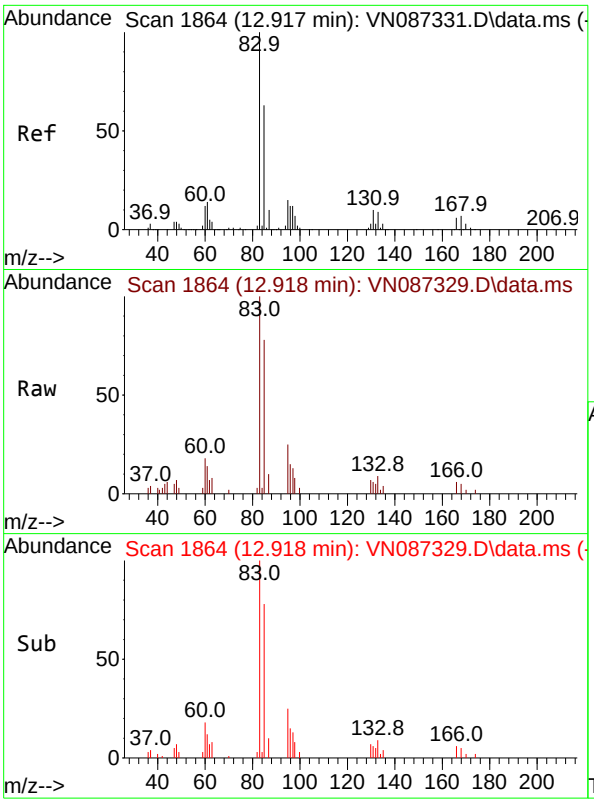


#74
N-amyl acetate
Concen: 5.113 ug/l m
RT: 12.647 min Scan# 1818
Delta R.T. 0.153 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 43 Resp: 18405

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.6	56.4#
55	0.0	19.6	29.4#
61	0.0	20.6	31.0#

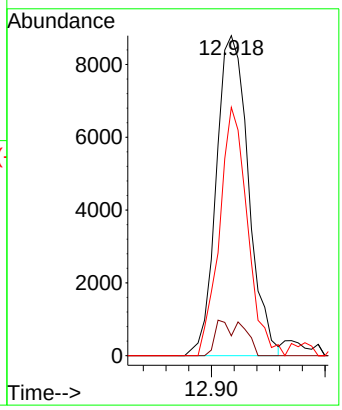




#75
1,1,2,2-Tetrachloroethane
Concen: 4.988 ug/l
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 83 Resp: 1730

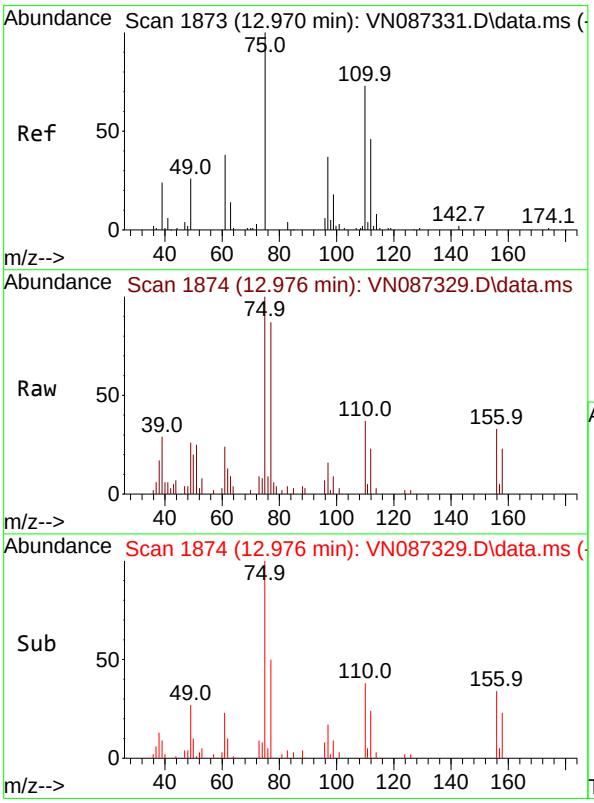
Ion	Ratio	Lower	Upper
83	100		
131	5.3	5.1	15.3
85	67.4	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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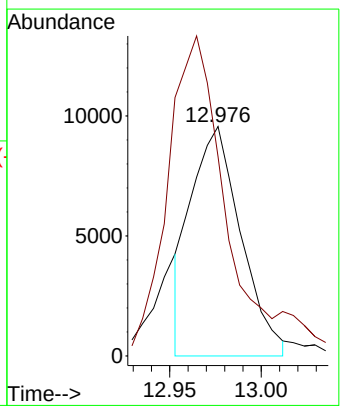
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

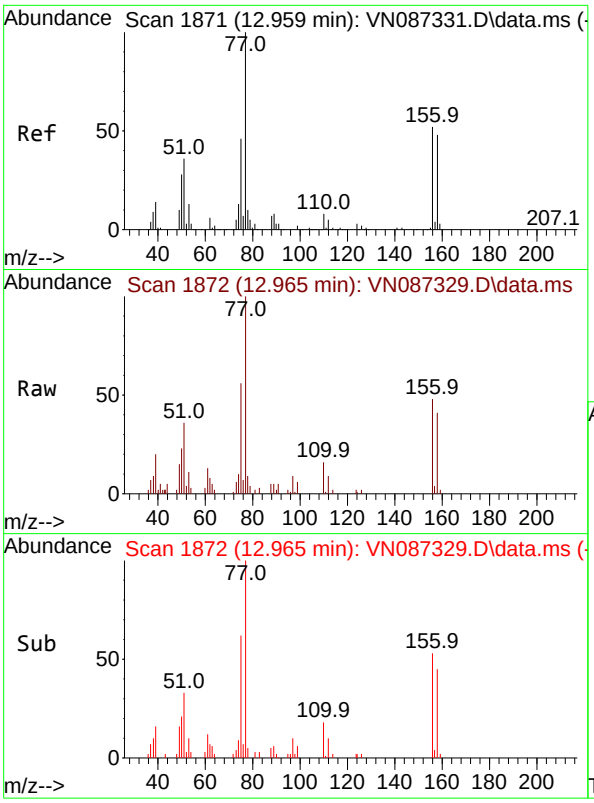


#76
1,2,3-Trichloropropane
Concen: 5.580 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 18135

Ion	Ratio	Lower	Upper
75	100		
77	170.2	94.5	283.6

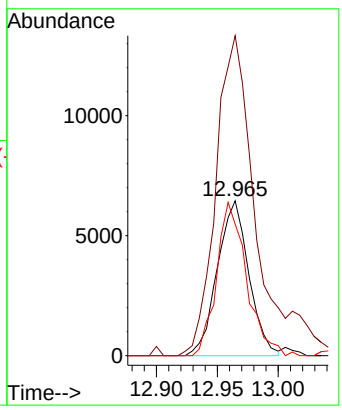




#77
Bromobenzene
Concen: 4.847 ug/l
RT: 12.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:156 Resp: 1158

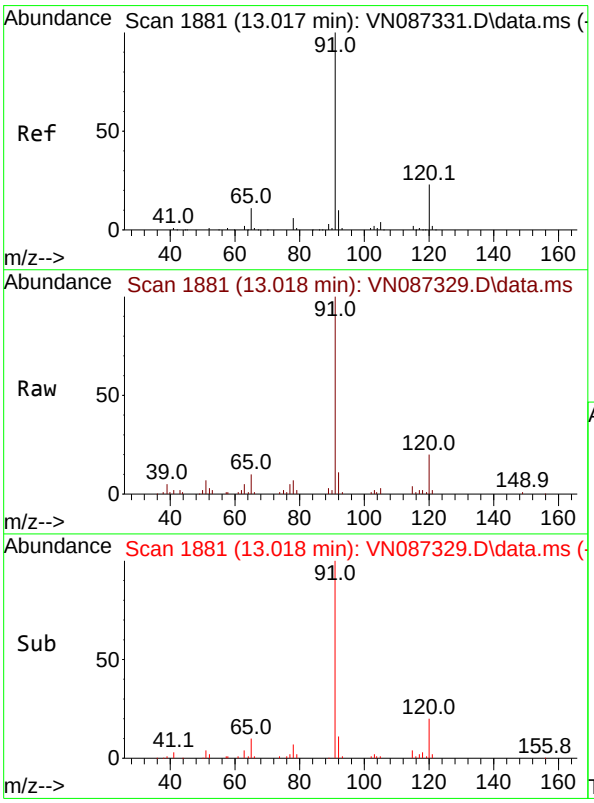
Ion	Ratio	Lower	Upper
156	100		
77	266.3	114.9	344.6
158	94.4	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

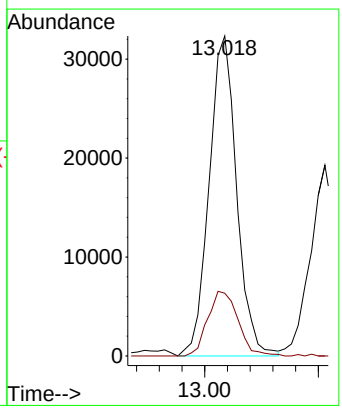
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

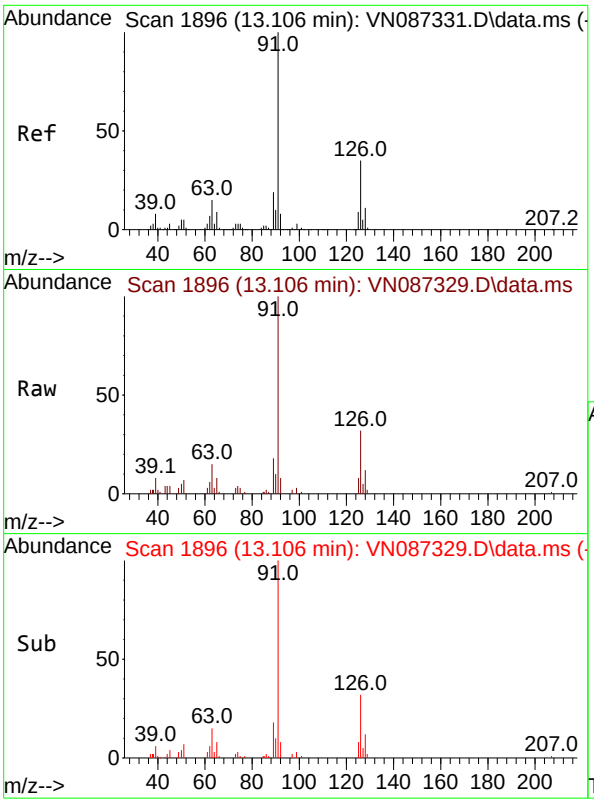


#78
n-propylbenzene
Concen: 4.693 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 91 Resp: 54443

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8

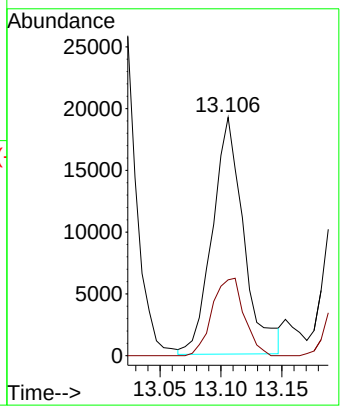




#79
2-Chlorotoluene
Concen: 4.825 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 91 Resp: 3440

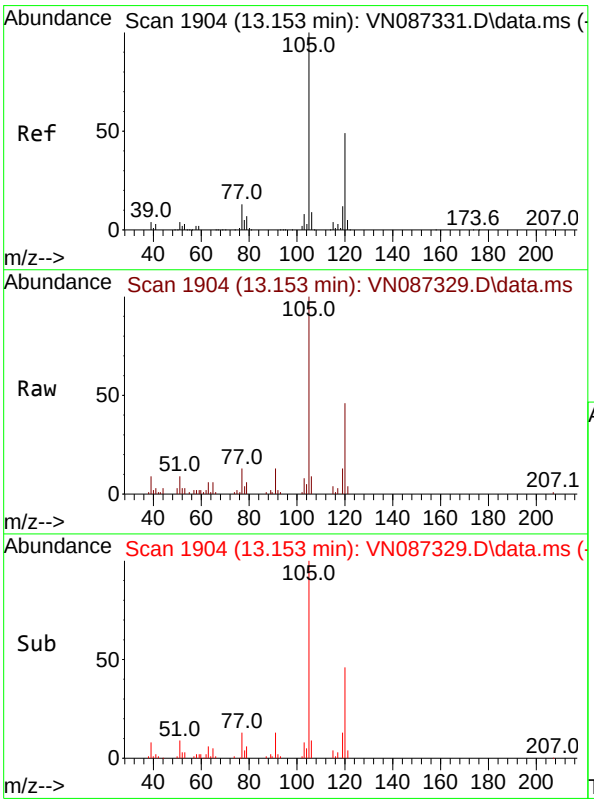
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

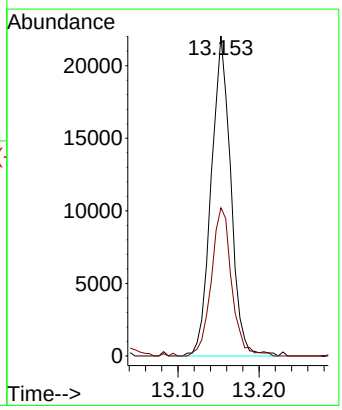
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

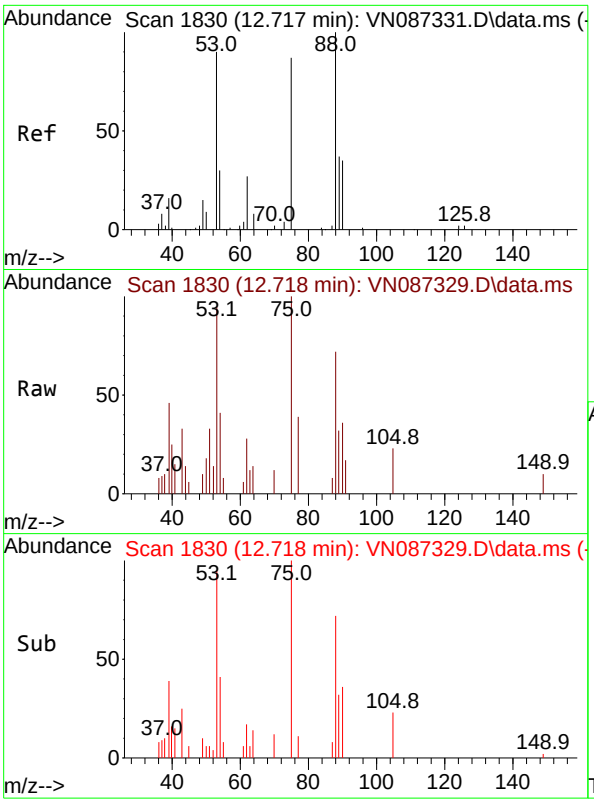


#80
1,3,5-Trimethylbenzene
Concen: 4.694 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:105 Resp: 36874

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.3	72.8

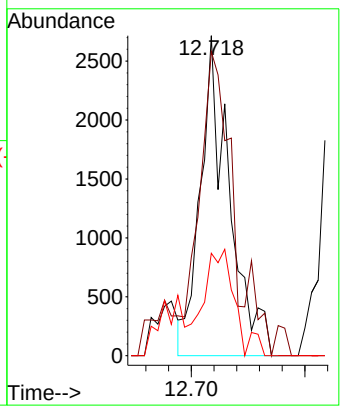




#81
trans-1,4-Dichloro-2-butene
Concen: 3.994 ug/l
RT: 12.718 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 479

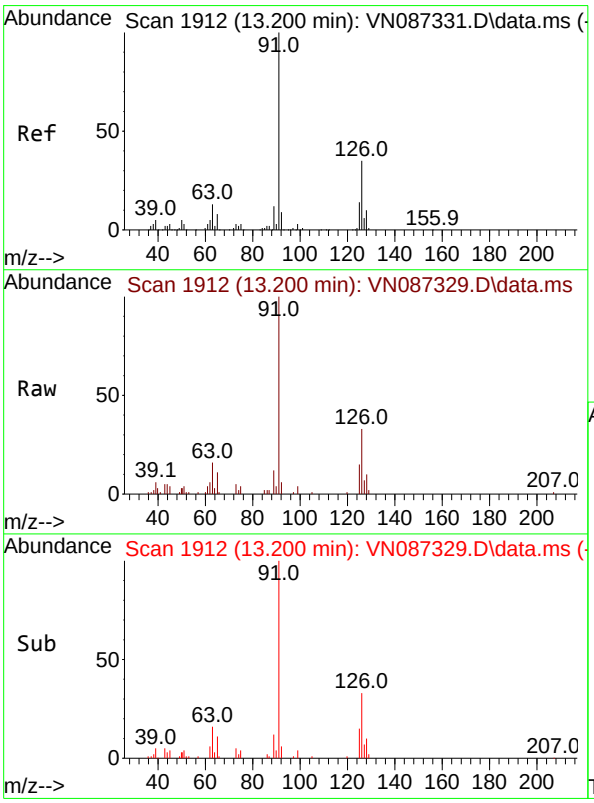
Ion	Ratio	Lower	Upper
75	100		
53	83.4	83.5	125.3#
89	34.7	38.4	57.6#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

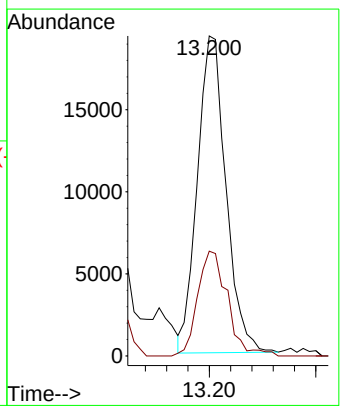
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

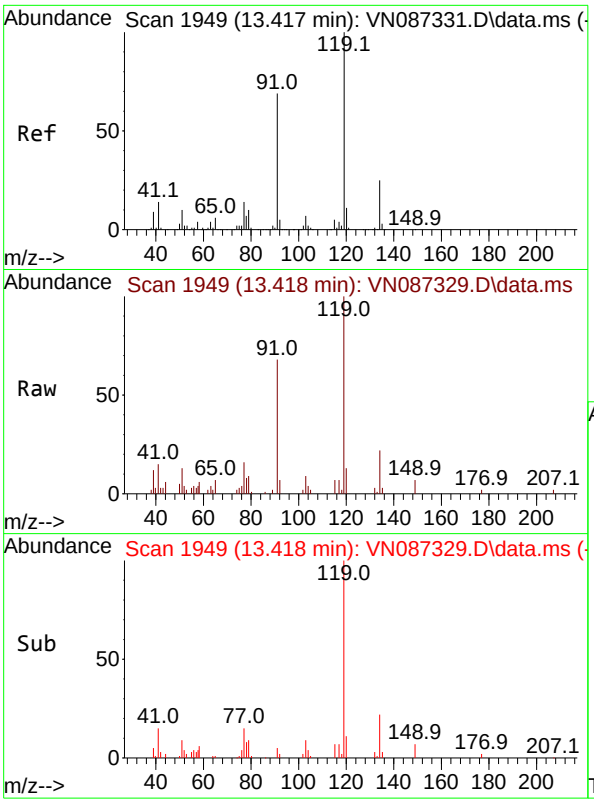


#82
4-Chlorotoluene
Concen: 4.854 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 91 Resp: 36031

Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.6	49.7

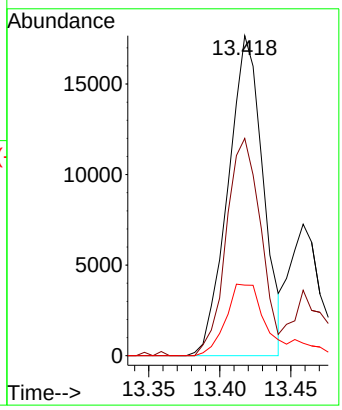




#83
tert-Butylbenzene
Concen: 4.617 ug/l
RT: 13.418 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:119 Resp: 3029

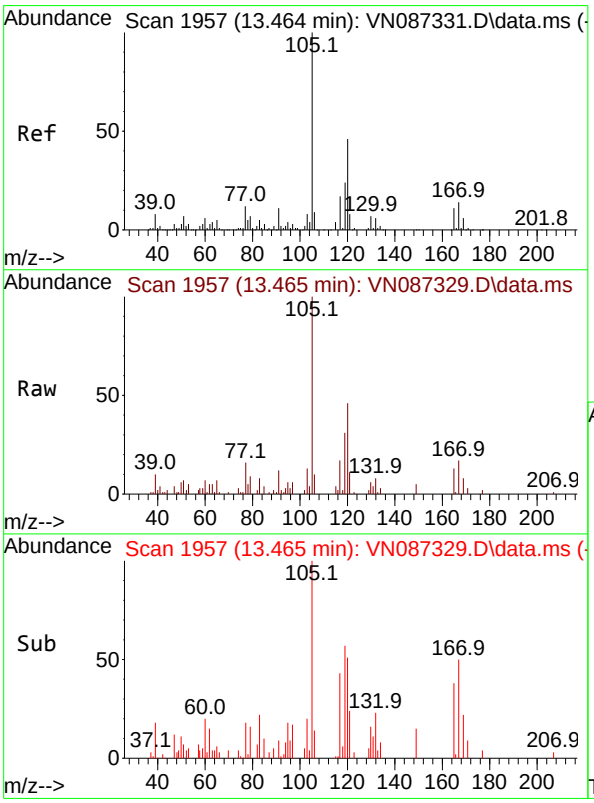
Ion	Ratio	Lower	Upper
119	100		
91	67.0	35.0	105.1
134	27.7	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

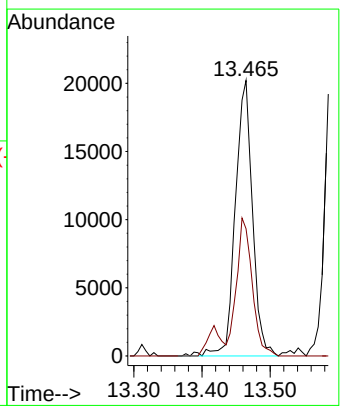
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

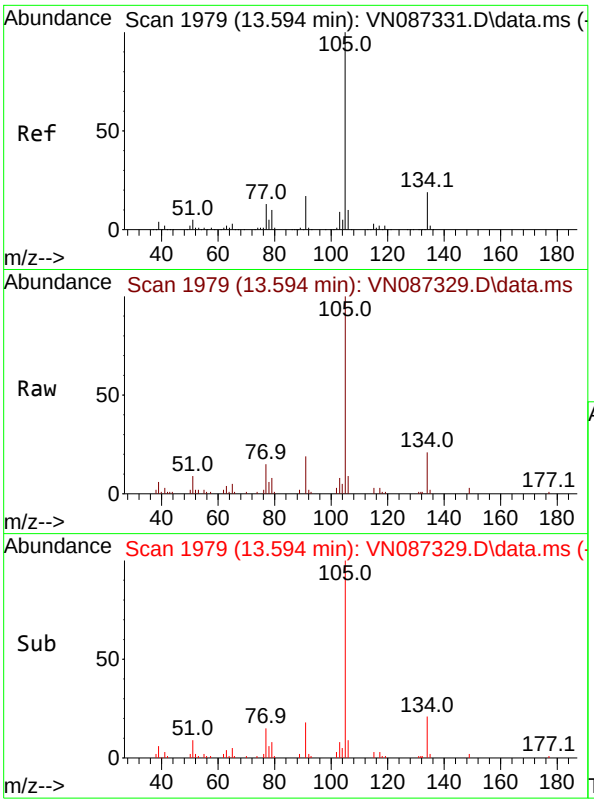


#84
1,2,4-Trimethylbenzene
Concen: 4.403 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:105 Resp: 35326

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85
sec-Butylbenzene
Concen: 4.649 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

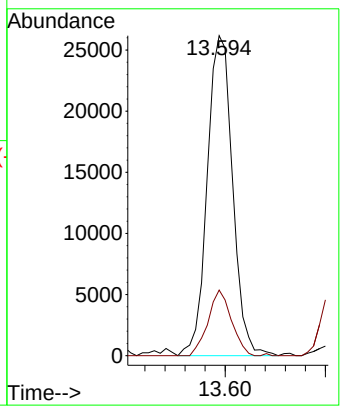
Tgt Ion:105 Resp: 4594

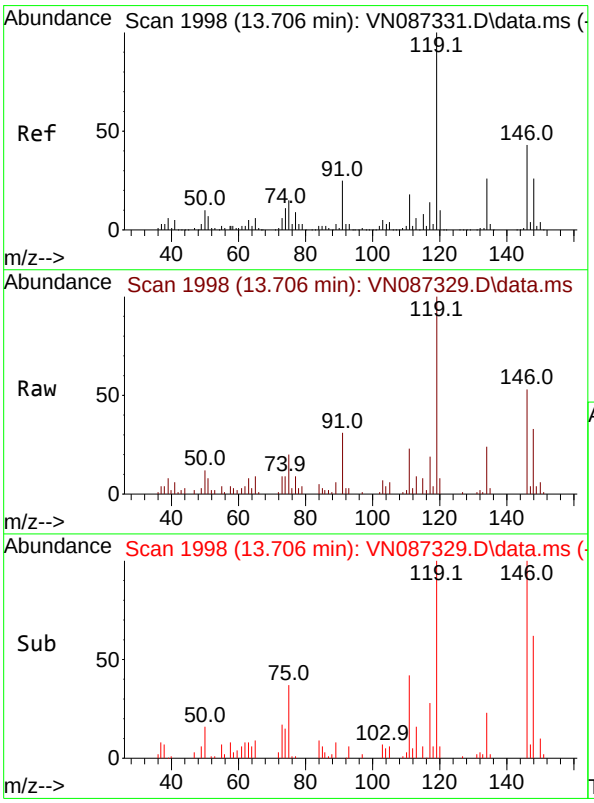
Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.8	29.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

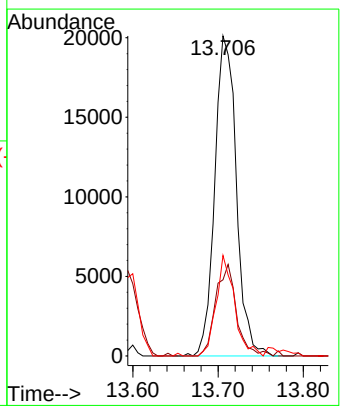


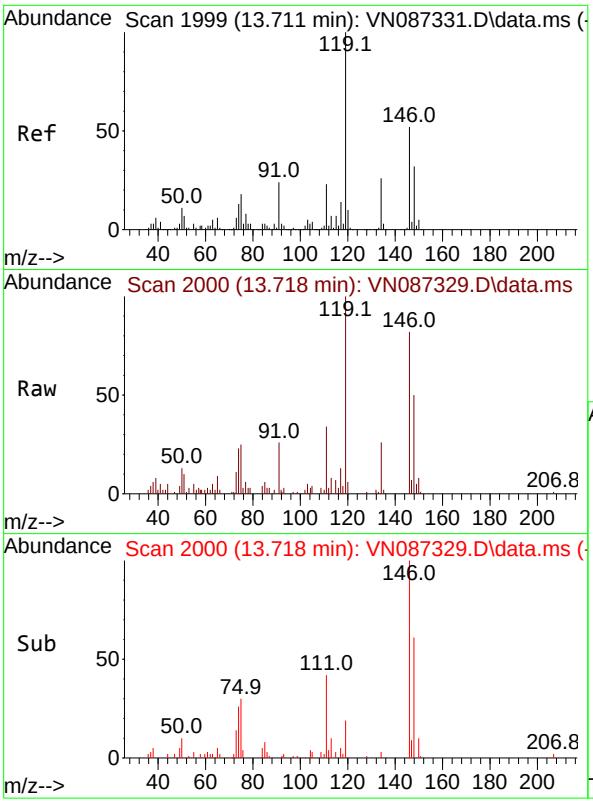


#86
p-Isopropyltoluene
Concen: 4.471 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:119 Resp: 35413

Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.5	40.5
91	26.8	12.2	36.6

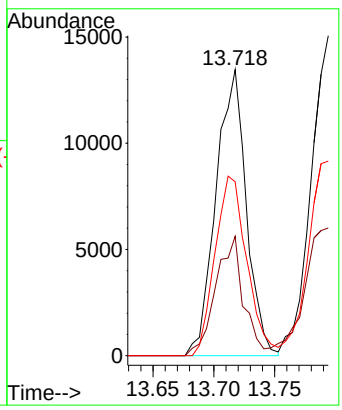




#87
1,3-Dichlorobenzene
Concen: 4.970 ug/l
RT: 13.718 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:146 Resp: 2332

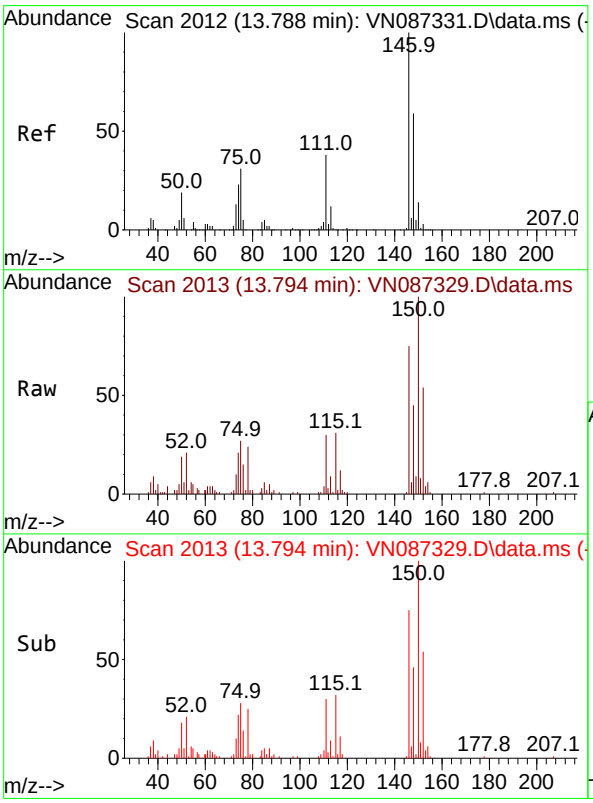
Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.4	64.3
148	66.1	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

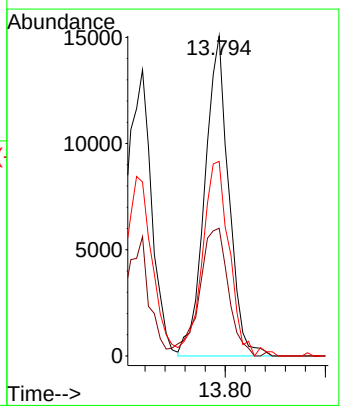
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

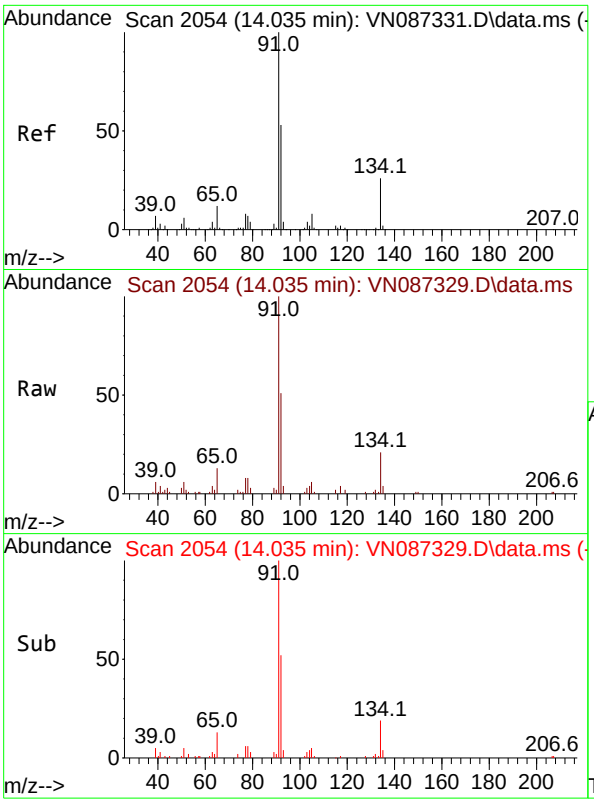


#88
1,4-Dichlorobenzene
Concen: 4.994 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:146 Resp: 25031

Ion	Ratio	Lower	Upper
146	100		
111	48.2	19.6	58.7
148	68.2	31.4	94.0

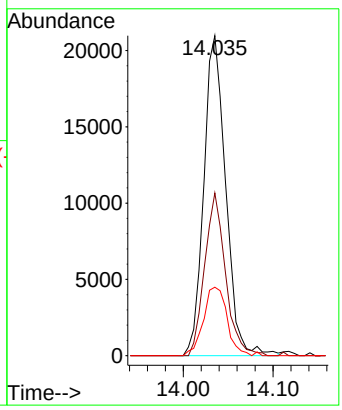




#89
n-Butylbenzene
Concen: 4.697 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 91 Resp: 3552

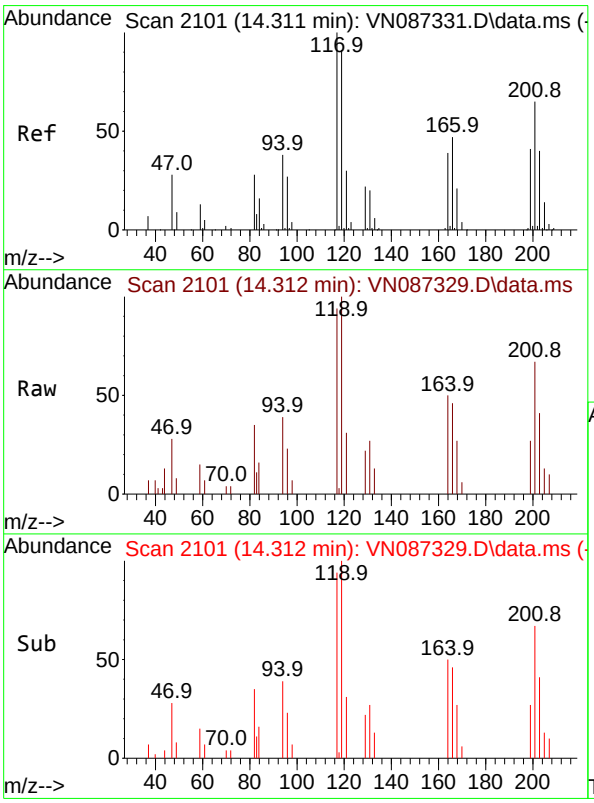
Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.2	78.6
134	23.0	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

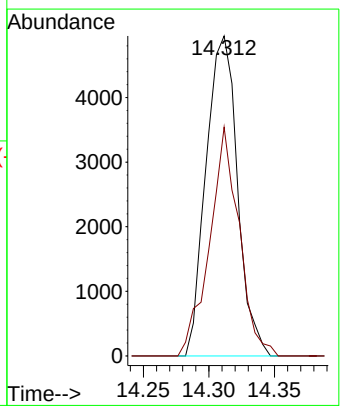
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

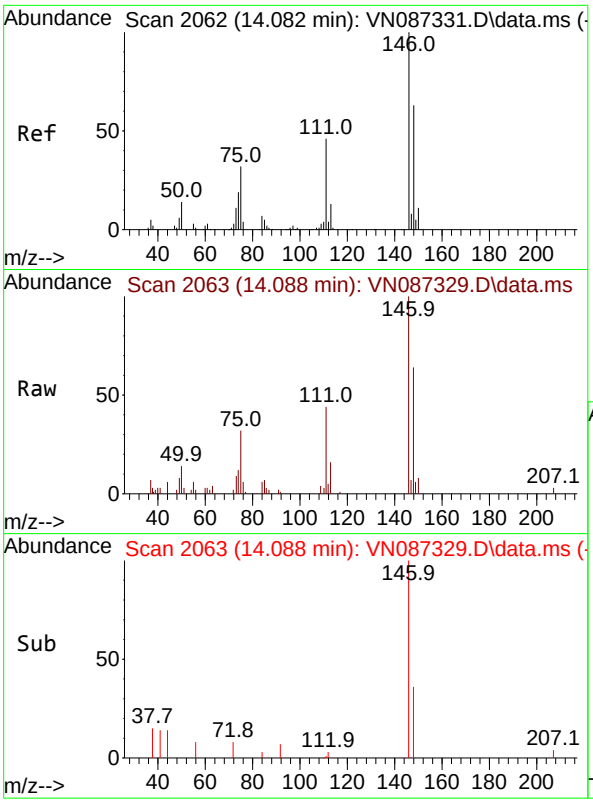


#90
Hexachloroethane
Concen: 4.923 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:117 Resp: 8261

Ion	Ratio	Lower	Upper
117	100		
201	67.1	32.8	98.4

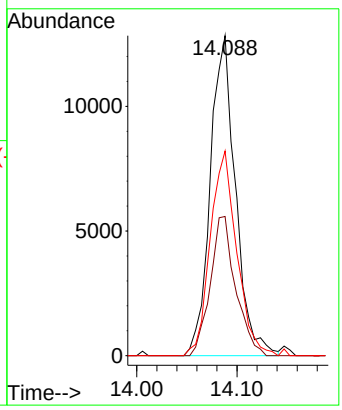




#91
1,2-Dichlorobenzene
Concen: 5.055 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:146 Resp: 2247

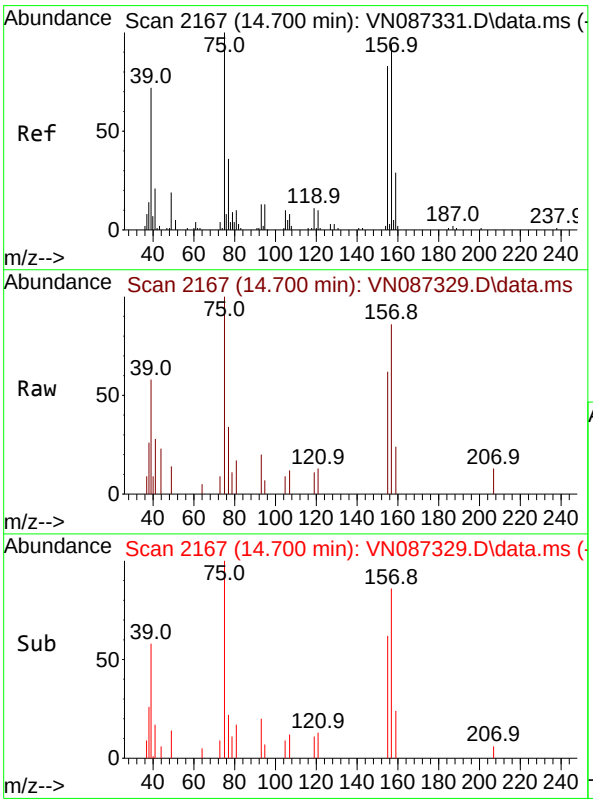
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.0	66.0
148	67.1	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

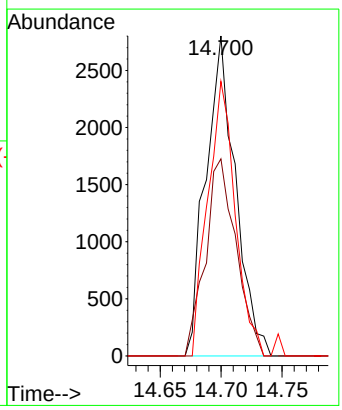
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

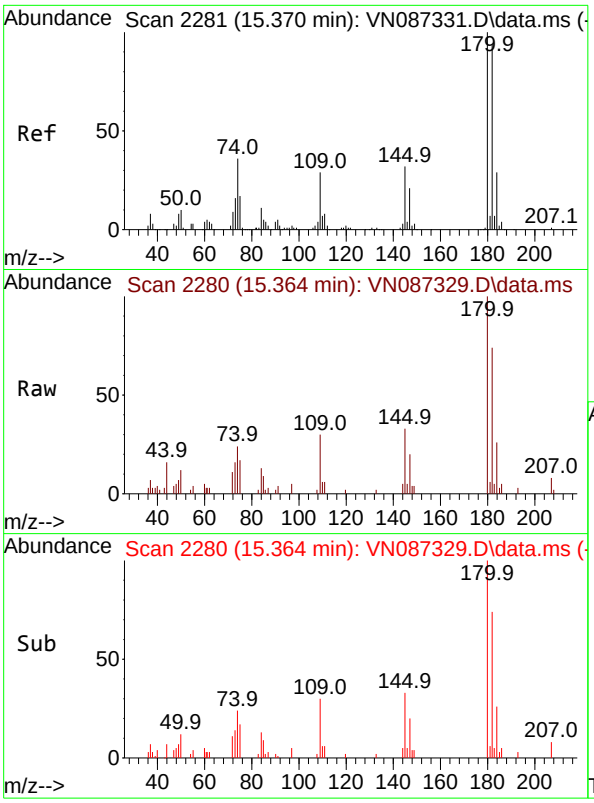


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.223 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion: 75 Resp: 4757

Ion	Ratio	Lower	Upper
75	100		
155	63.8	37.3	111.8
157	79.5	46.2	138.6

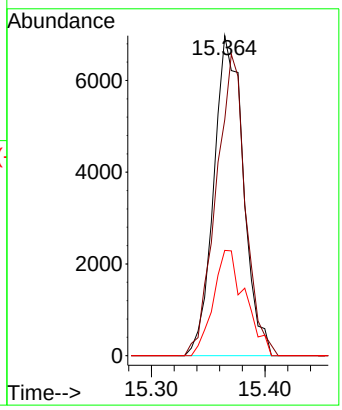




#93
1,2,4-Trichlorobenzene
Concen: 4.823 ug/l
RT: 15.364 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:180 Resp: 1259

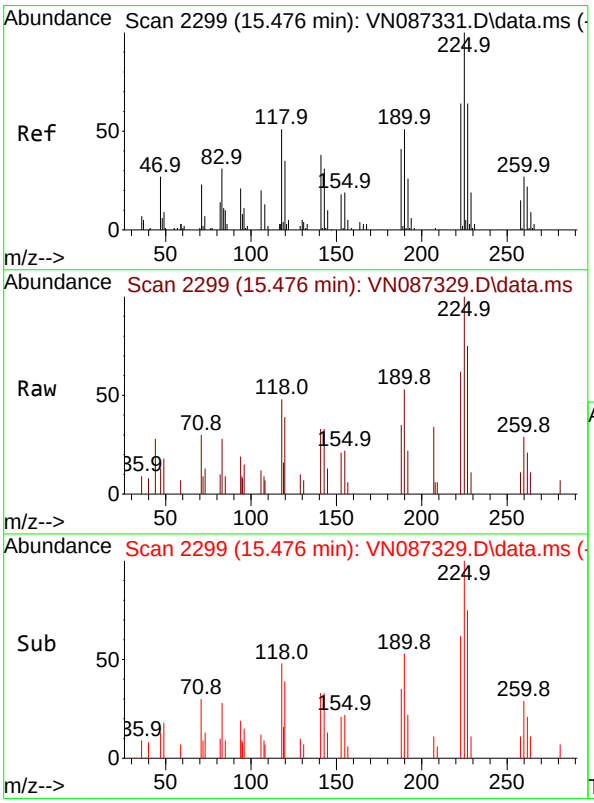
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	141.8
145	35.6	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

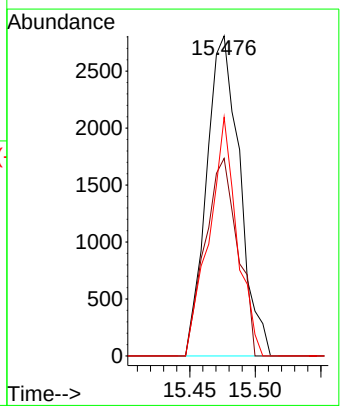
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

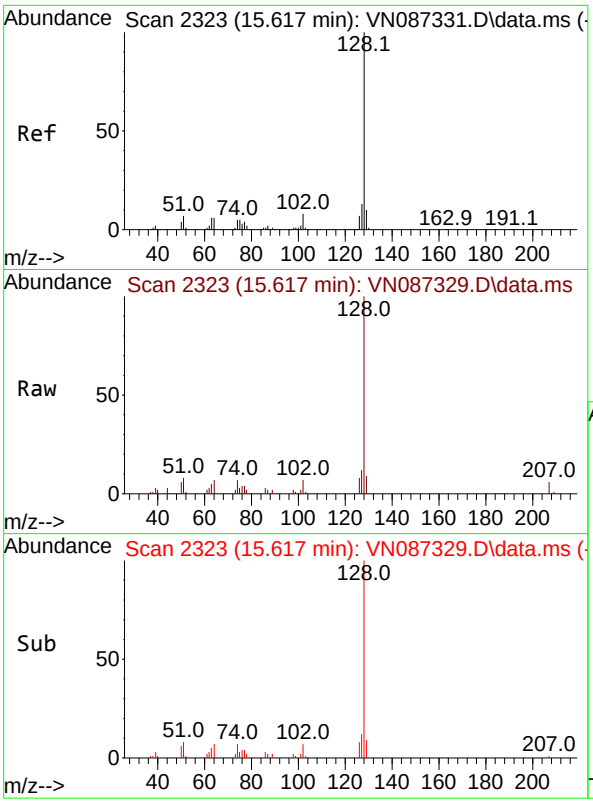


#94
Hexachlorobutadiene
Concen: 5.087 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:225 Resp: 4936

Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.1	96.3
227	63.0	31.3	93.9

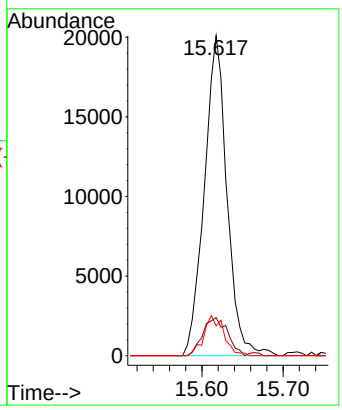




#95
Naphthalene
Concen: 4.208 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:128 Resp: 3893

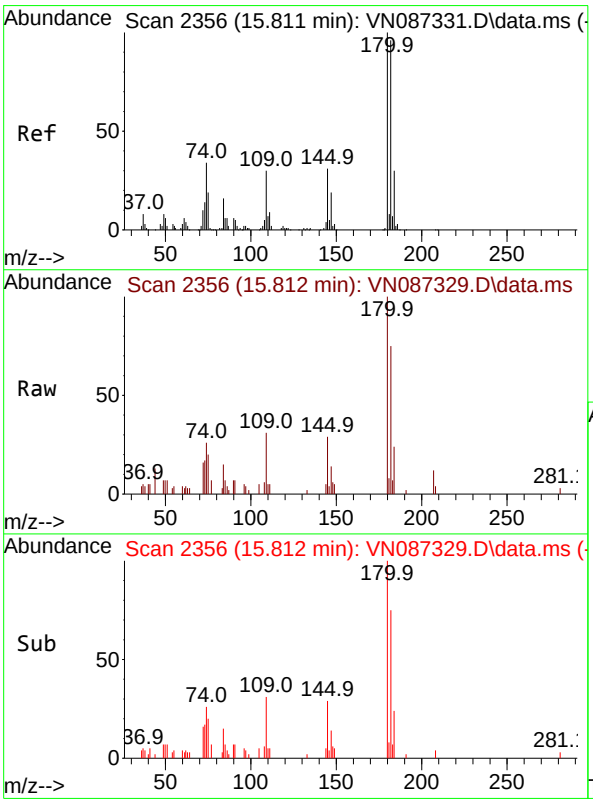
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

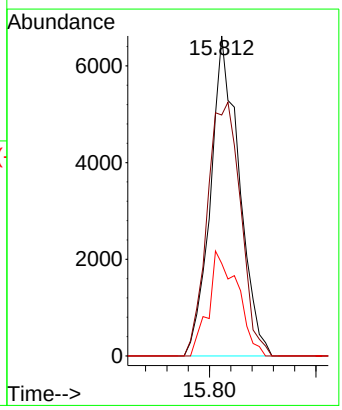
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.721 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087329.D
Acq: 16 Jul 2025 17:27

Tgt Ion:180 Resp: 12368

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.1	141.4
145	33.5	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	178514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	328159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	156249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	58584	19.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.680%#		
35) Dibromofluoromethane	8.153	113	44726	19.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.520%#		
50) Toluene-d8	10.547	98	154381	19.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.240%#		
62) 4-Bromofluorobenzene	12.829	95	56832	19.051	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	31604	16.669	ug/l	86
3) Chloromethane	2.383	50	41982	17.608	ug/l	94
4) Vinyl Chloride	2.542	62	44508	18.784	ug/l	99
5) Bromomethane	2.971	94	22025	17.950	ug/l	98
6) Chloroethane	3.130	64	30785	19.922	ug/l	100
7) Trichlorofluoromethane	3.506	101	68764	19.626	ug/l	97
8) Diethyl Ether	3.959	74	28520	20.984	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	38516	21.414	ug/l	95
10) Methyl Iodide	4.577	142	25698	17.955	ug/l	97
11) Tert butyl alcohol	5.530	59	55298	96.147	ug/l	99
12) 1,1-Dichloroethene	4.330	96	39480	19.370	ug/l	96
13) Acrolein	4.177	56	40135	86.954	ug/l	98
14) Allyl chloride	5.006	41	80983	21.955	ug/l	88
15) Acrylonitrile	5.712	53	162325	104.007	ug/l	99
16) Acetone	4.424	43	140161	97.607	ug/l	93
17) Carbon Disulfide	4.700	76	119191	19.725	ug/l #	93
18) Methyl Acetate	5.012	43	70735	19.824	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	150385	20.018	ug/l	97
20) Methylene Chloride	5.265	84	49951	20.427	ug/l	87
21) trans-1,2-Dichloroethene	5.771	96	45917	19.980	ug/l	90
22) Diisopropyl ether	6.659	45	168043	21.719	ug/l	97
23) Vinyl Acetate	6.594	43	750202	110.863	ug/l	98
24) 1,1-Dichloroethane	6.559	63	89552	20.062	ug/l	95
25) 2-Butanone	7.477	43	231983	105.718	ug/l	96
26) 2,2-Dichloropropane	7.483	77	71478	20.596	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	53347	20.162	ug/l	98
28) Bromochloromethane	7.794	49	41285	19.325	ug/l	100
29) Tetrahydrofuran	7.830	42	147436	103.426	ug/l	99
30) Chloroform	7.953	83	93018	20.819	ug/l	100
31) Cyclohexane	8.241	56	74161	19.915	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78235	20.217	ug/l	97
36) 1,1-Dichloropropene	8.359	75	60302	20.163	ug/l	98
37) Ethyl Acetate	7.553	43	85921	19.893	ug/l	98
38) Carbon Tetrachloride	8.347	117	65336	19.832	ug/l	95
39) Methylcyclohexane	9.588	83	63264	19.539	ug/l	95
40) Benzene	8.588	78	197187	20.400	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	47550	21.054	ug/l		97
42) 1,2-Dichloroethane	8.659	62	74680	20.374	ug/l		99
43) Isopropyl Acetate	8.677	43	135010	20.136	ug/l		99
44) Trichloroethene	9.335	130	44202	19.354	ug/l		98
45) 1,2-Dichloropropane	9.606	63	51786	21.086	ug/l		97
46) Dibromomethane	9.688	93	36673	19.943	ug/l		96
47) Bromodichloromethane	9.871	83	73409	19.819	ug/l		93
48) Methyl methacrylate	9.665	41	62316	20.645	ug/l		99
49) 1,4-Dioxane	9.682	88	18509	400.357	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.429	43	449710	106.046	ug/l		99
52) Toluene	10.612	92	123391	21.002	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	76959	20.530	ug/l		92
54) cis-1,3-Dichloropropene	10.294	75	79019	20.407	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	47960	20.164	ug/l		94
56) Ethyl methacrylate	10.859	69	74408	19.384	ug/l		99
57) 1,3-Dichloropropane	11.147	76	85537	20.800	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	198704	101.839	ug/l		100
59) 2-Hexanone	11.182	43	305342	108.526	ug/l		99
60) Dibromochloromethane	11.341	129	55783	20.564	ug/l		98
61) 1,2-Dibromoethane	11.447	107	51292	20.509	ug/l		97
64) Tetrachloroethene	11.082	164	37655	19.686	ug/l		93
65) Chlorobenzene	11.871	112	134668	20.183	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	46671	20.570	ug/l		98
67) Ethyl Benzene	11.947	91	223715	20.367	ug/l		100
68) m/p-Xylenes	12.053	106	170590	41.473	ug/l		98
69) o-Xylene	12.376	106	83415	21.230	ug/l		98
70) Styrene	12.388	104	140937	21.323	ug/l		100
71) Bromoform	12.559	173	37362	20.383	ug/l	#	99
73) Isopropylbenzene	12.676	105	202595	20.601	ug/l		100
74) N-amyl acetate	12.512	43	78074m	20.334	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	76720	20.733	ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	68839m	19.858	ug/l		
77) Bromobenzene	12.959	156	53881	21.127	ug/l		97
78) n-propylbenzene	13.017	91	255577	20.656	ug/l		99
79) 2-Chlorotoluene	13.106	91	158436	20.836	ug/l		96
80) 1,3,5-Trimethylbenzene	13.153	105	176006	21.006	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	27975	21.846	ug/l		90
82) 4-Chlorotoluene	13.200	91	163615	20.667	ug/l		99
83) tert-Butylbenzene	13.417	119	143954	20.571	ug/l		98
84) 1,2,4-Trimethylbenzene	13.465	105	181623	21.226	ug/l		100
85) sec-Butylbenzene	13.594	105	216256	20.516	ug/l		99
86) p-Isopropyltoluene	13.706	119	175352	20.758	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	103157	20.609	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	108898	20.370	ug/l		98
89) n-Butylbenzene	14.035	91	165484	20.516	ug/l		99
90) Hexachloroethane	14.312	117	35108	19.615	ug/l		96
91) 1,2-Dichlorobenzene	14.088	146	99750	21.036	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19015	19.573	ug/l		98
93) 1,2,4-Trichlorobenzene	15.370	180	54714	19.643	ug/l		99
94) Hexachlorobutadiene	15.476	225	20248	19.563	ug/l		96
95) Naphthalene	15.617	128	194574	19.718	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	55463	19.850	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 17 02:18:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

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

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

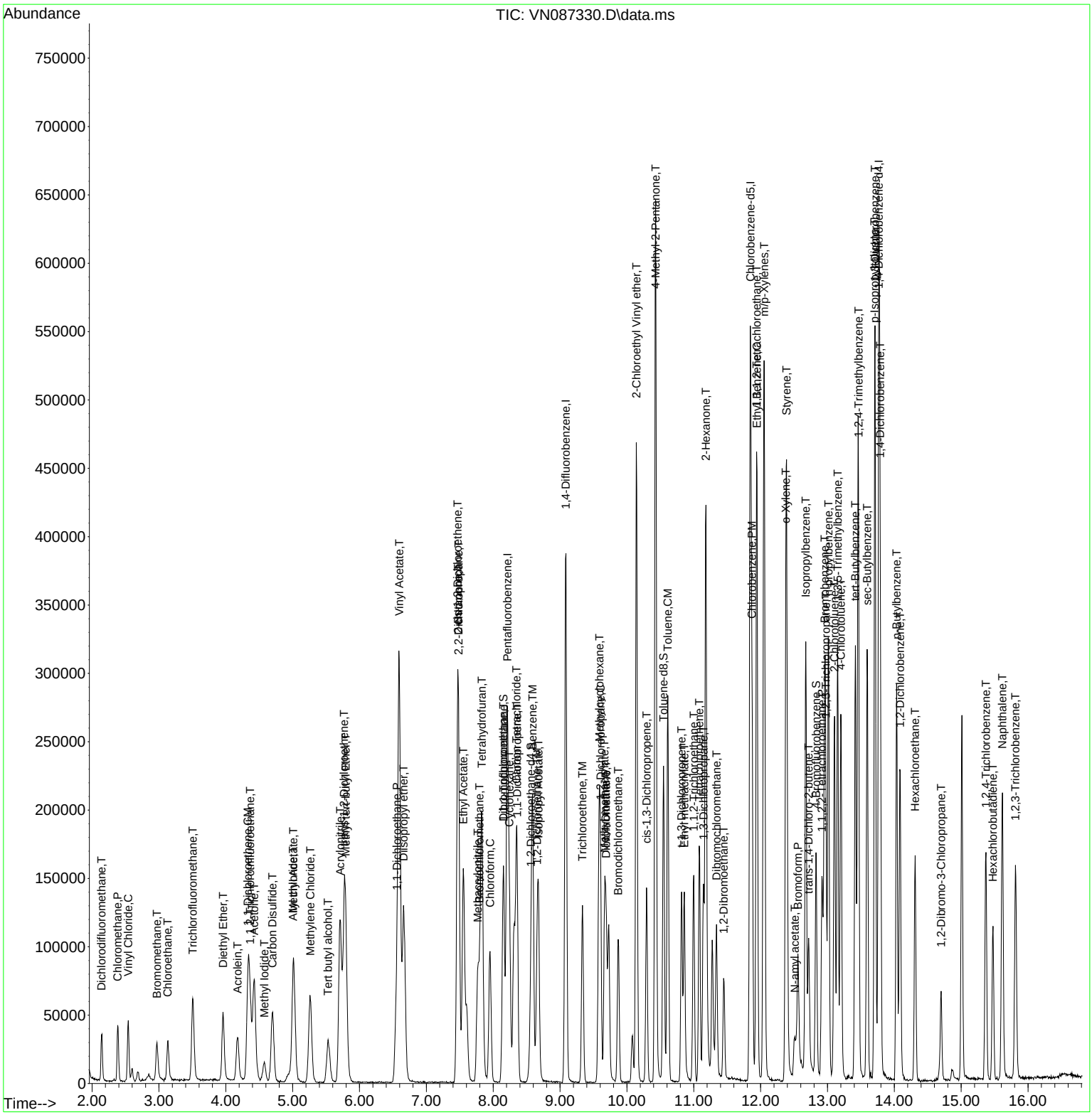
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Data File : VN087330.D
Acq On : 16 Jul 2025 17:49
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

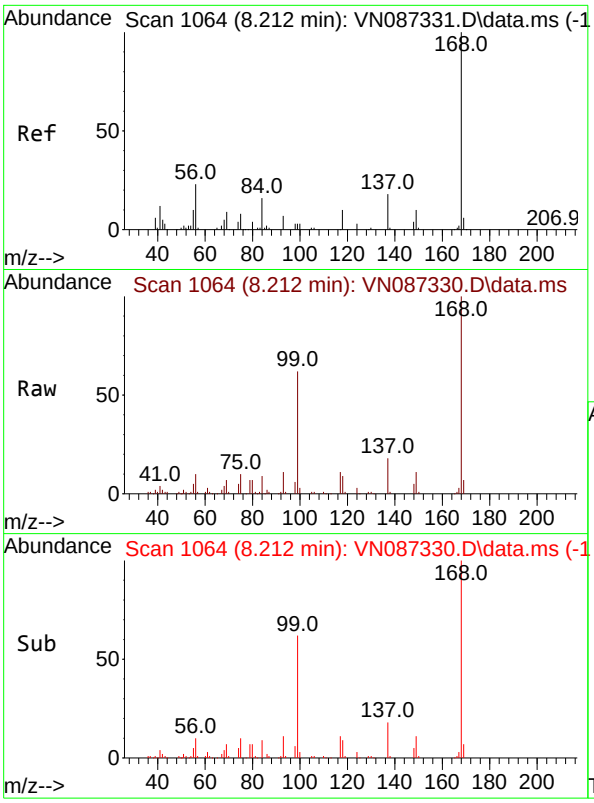
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
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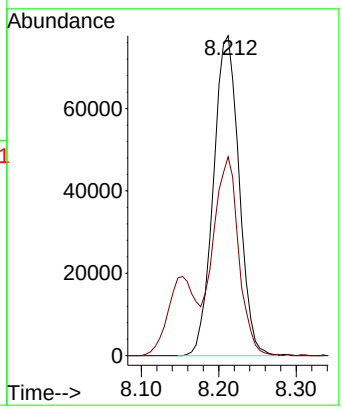




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:168 Resp: 17851

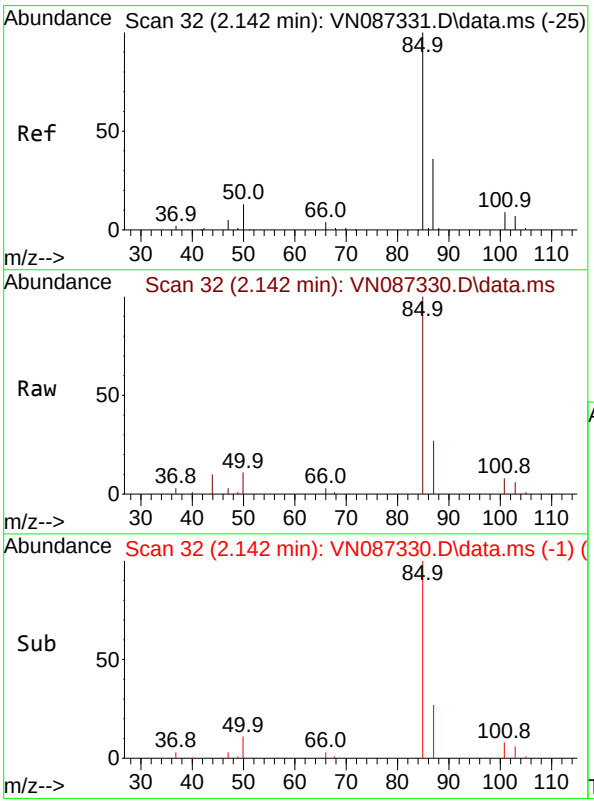
Ion	Ratio	Lower	Upper
168	100		
99	61.7	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

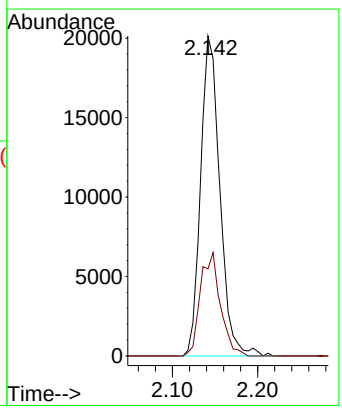
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

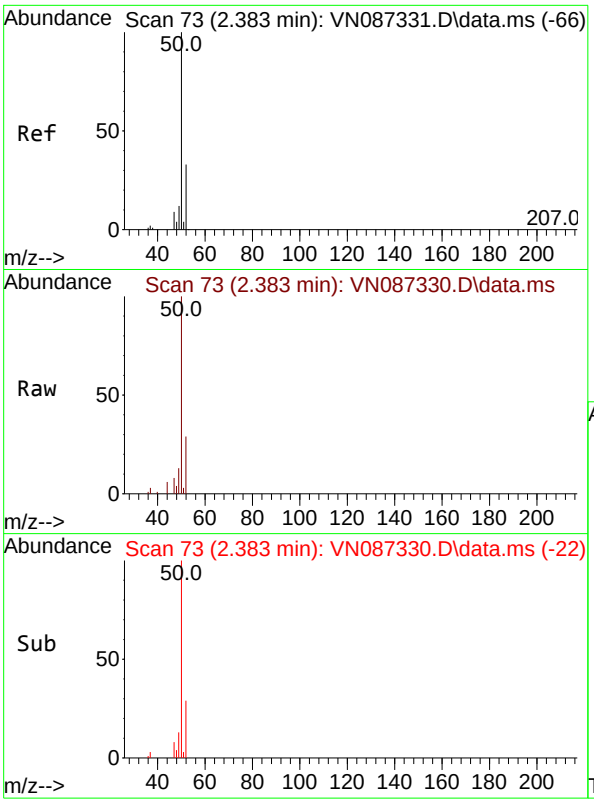


#2
Dichlorodifluoromethane
Concen: 16.669 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 85 Resp: 31604

Ion	Ratio	Lower	Upper
85	100		
87	27.2	17.8	53.3

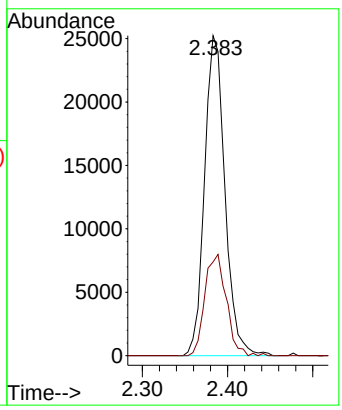




#3
Chloromethane
Concen: 17.608 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 50 Resp: 4198

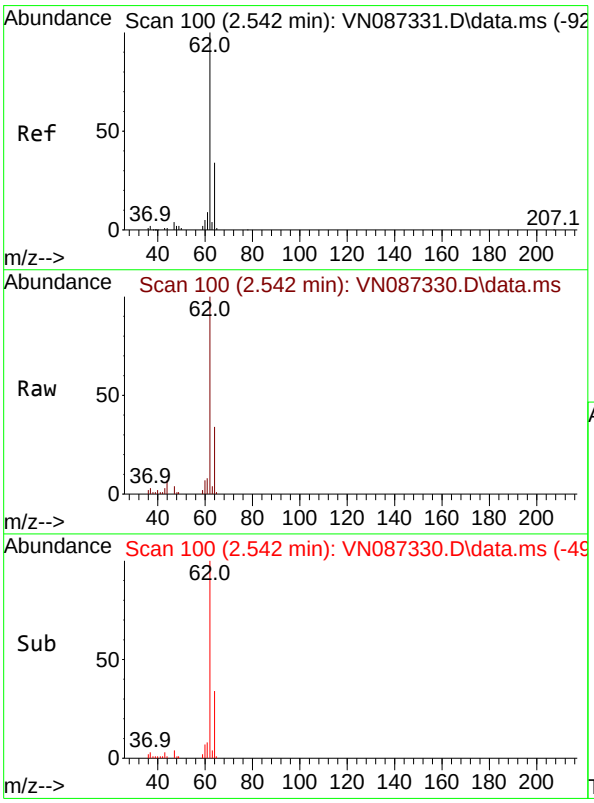
Ion	Ratio	Lower	Upper
50	100		
52	29.3	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

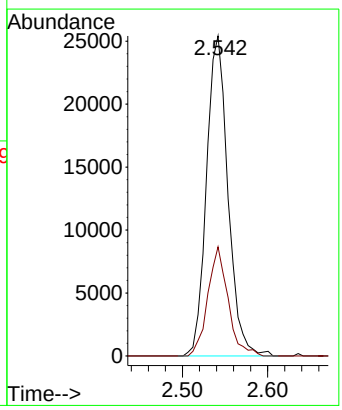
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

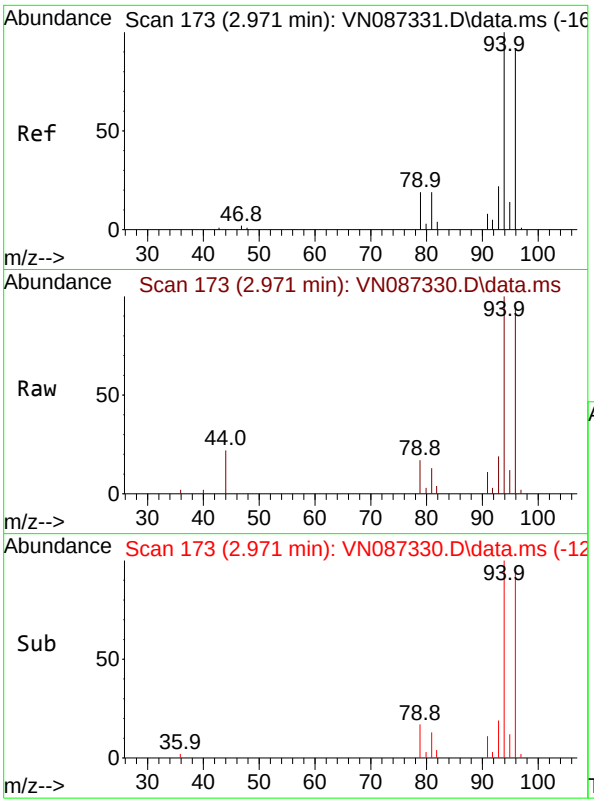


#4
Vinyl Chloride
Concen: 18.784 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 62 Resp: 44508

Ion	Ratio	Lower	Upper
62	100		
64	34.1	27.0	40.6

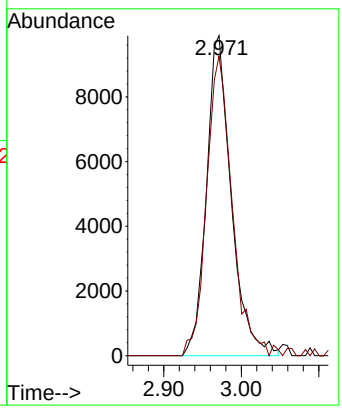




#5
Bromomethane
Concen: 17.950 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 94 Resp: 2202

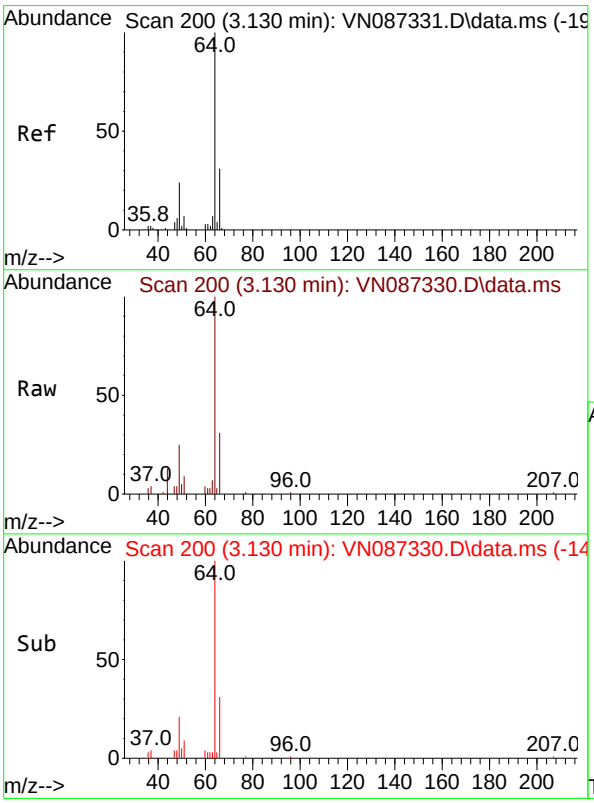
Ion	Ratio	Lower	Upper
94	100		
96	93.6	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

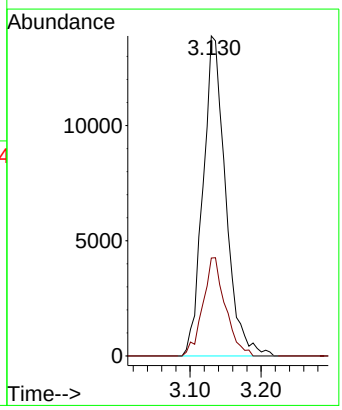
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

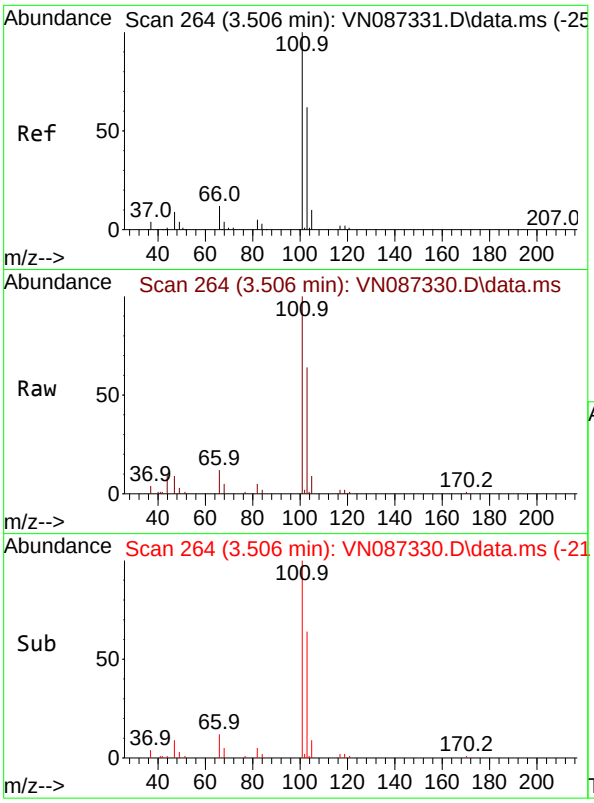


#6
Chloroethane
Concen: 19.922 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 64 Resp: 30785

Ion	Ratio	Lower	Upper
64	100		
66	30.6	24.6	36.8





#7
Trichlorofluoromethane
Concen: 19.626 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

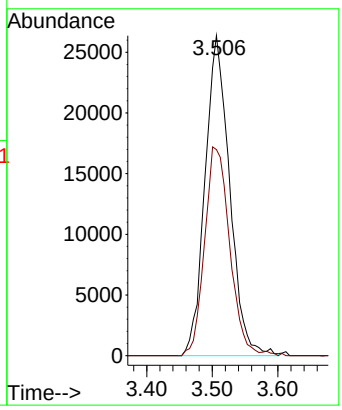
Tgt Ion:101 Resp: 6876

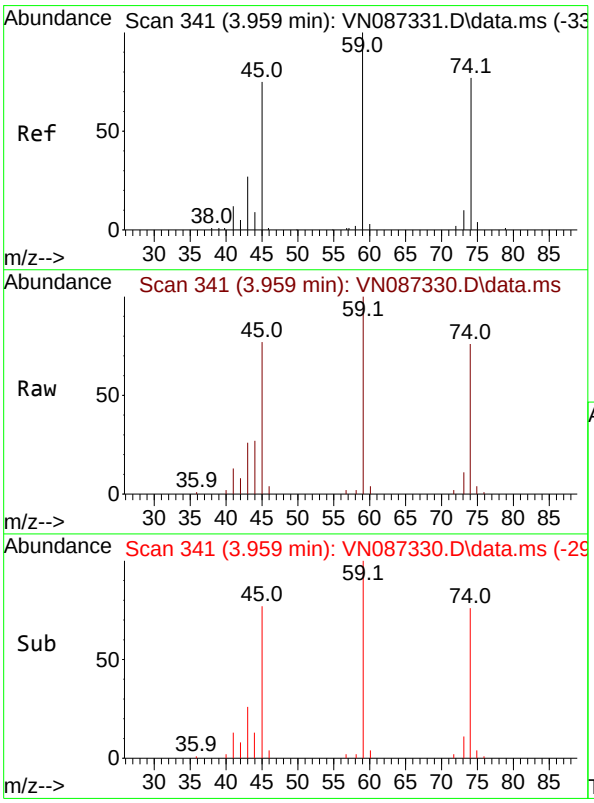
Ion	Ratio	Lower	Upper
101	100		
103	64.4	49.8	74.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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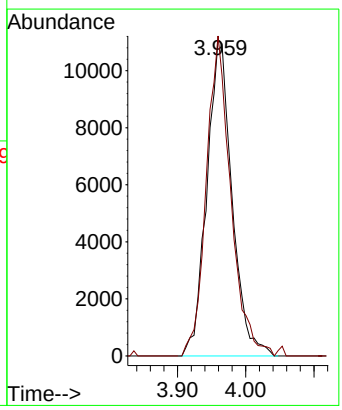


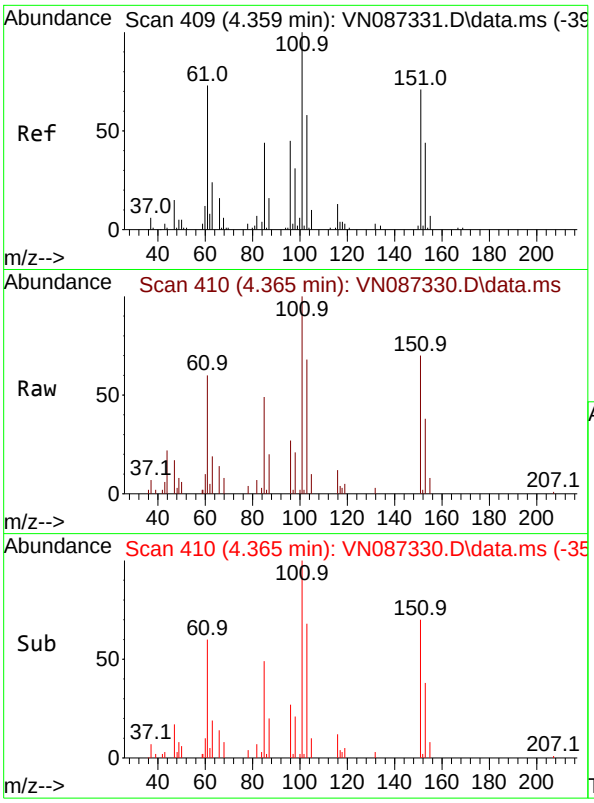


#8
Diethyl Ether
Concen: 20.984 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 74 Resp: 28520

Ion	Ratio	Lower	Upper
74	100		
45	98.3	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.414 ug/l
RT: 4.365 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

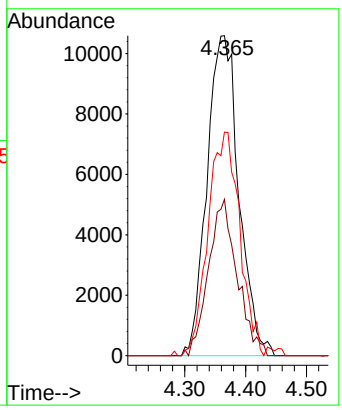
Tgt Ion:101 Resp: 3851

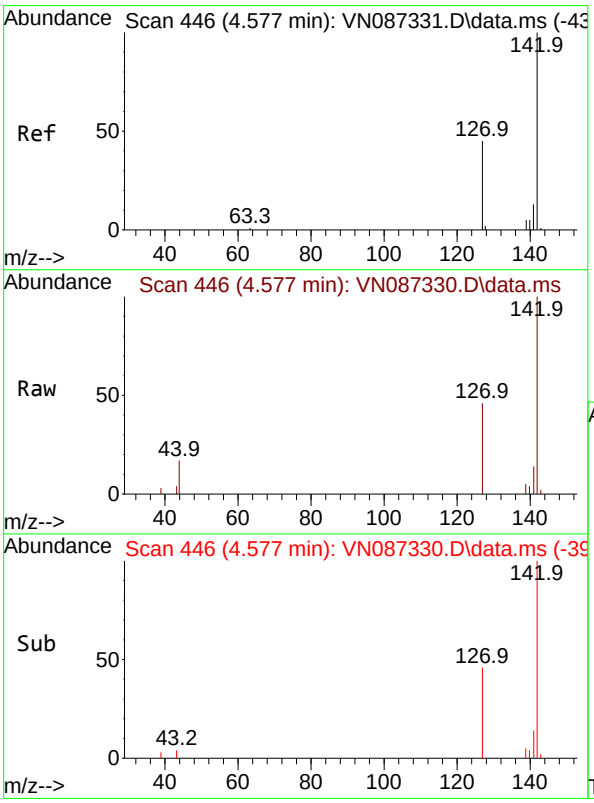
Ion	Ratio	Lower	Upper
101	100		
85	44.0	37.3	55.9
151	69.3	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

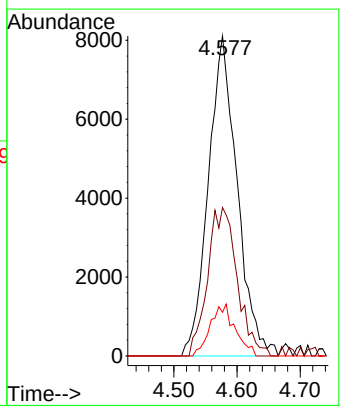


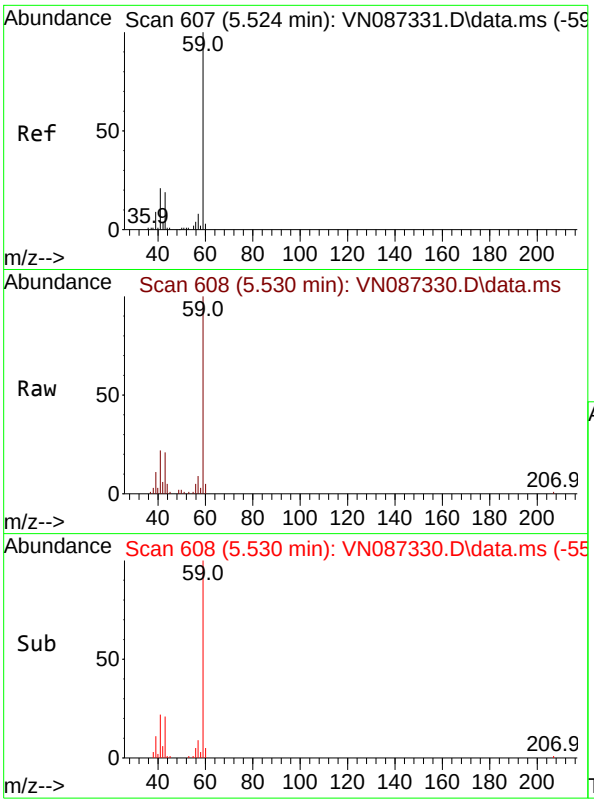


#10
Methyl Iodide
Concen: 17.955 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:142 Resp: 25698

Ion	Ratio	Lower	Upper
142	100		
127	46.4	35.7	53.5
141	13.7	10.4	15.6

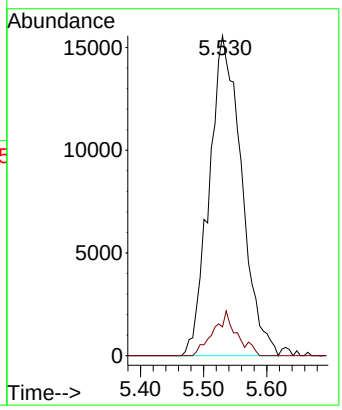




#11
Tert butyl alcohol
Concen: 96.147 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 59 Resp: 5529

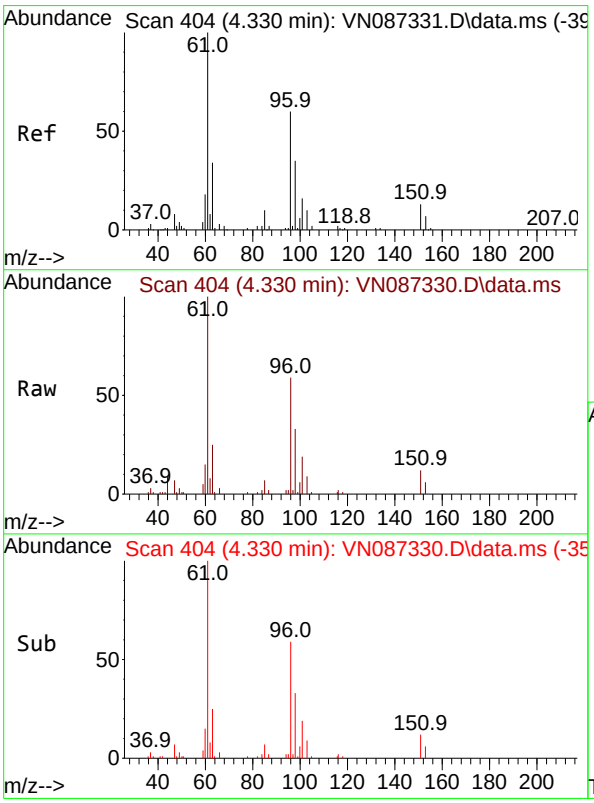
Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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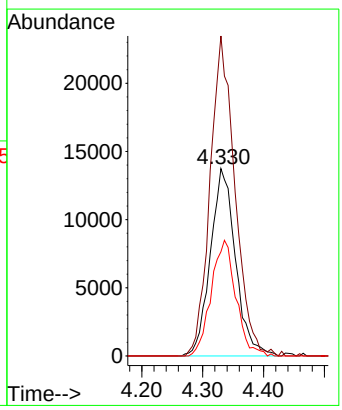
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

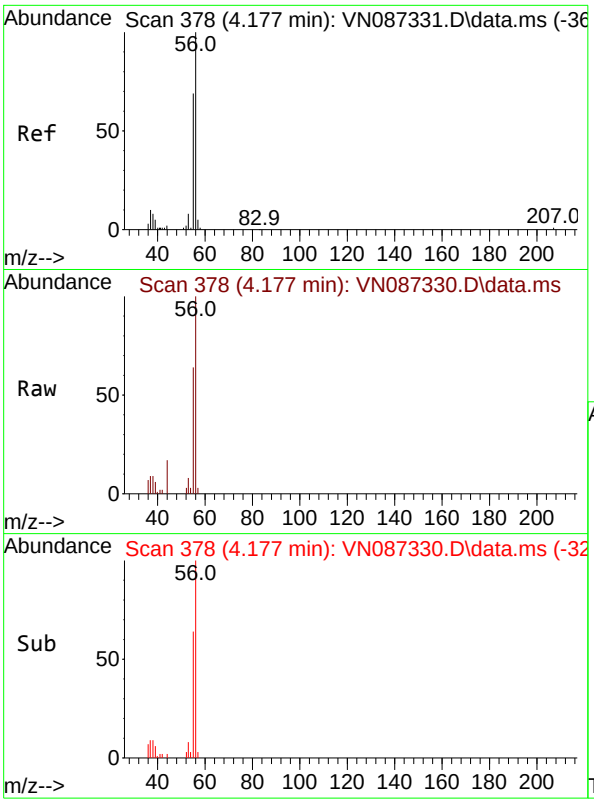


#12
1,1-Dichloroethene
Concen: 19.370 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 96 Resp: 39480

Ion	Ratio	Lower	Upper
96	100		
61	170.8	132.3	198.5
98	55.6	46.8	70.2

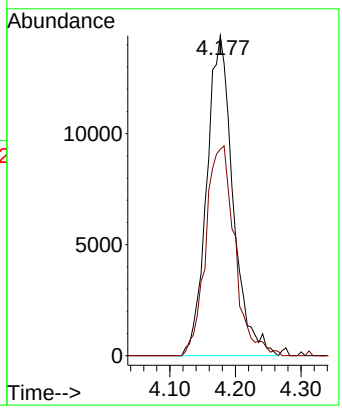




#13
Acrolein
Concen: 86.954 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 56 Resp: 4013

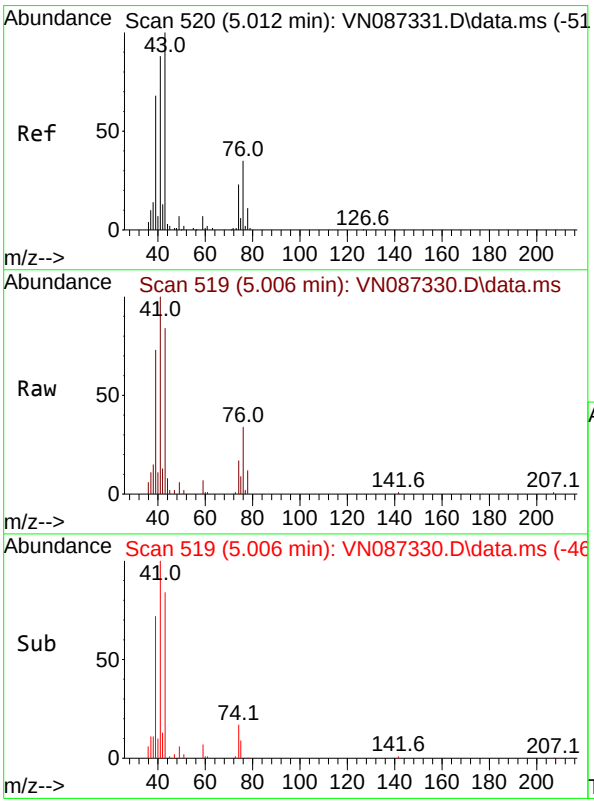
Ion	Ratio	Lower	Upper
56	100		
55	72.2	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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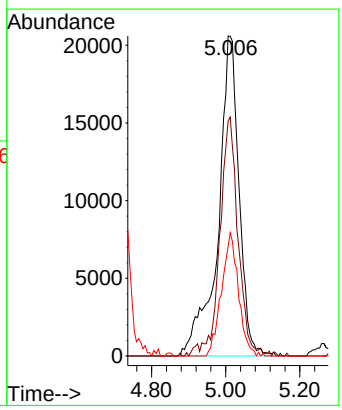
Reviewed By :Mahesh Dadoda 07/17/2025
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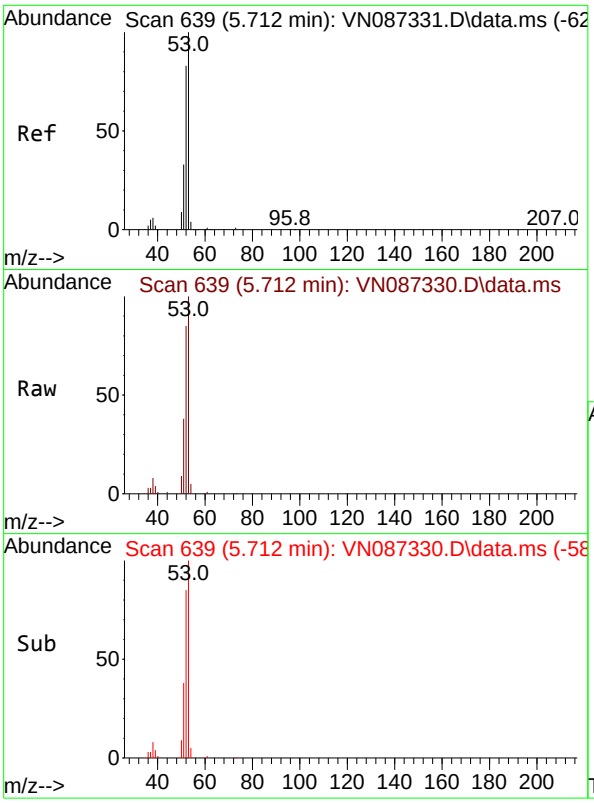


#14
Allyl chloride
Concen: 21.955 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 41 Resp: 80983

Ion	Ratio	Lower	Upper
41	100		
39	62.3	59.0	88.6
76	31.0	28.7	43.1

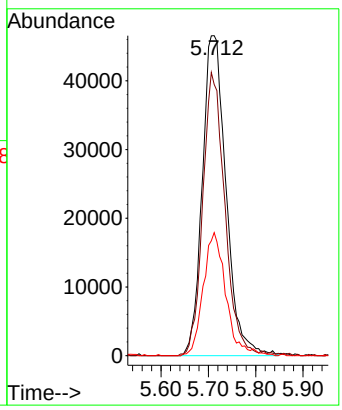




#15
Acrylonitrile
Concen: 104.007 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 53 Resp: 16232

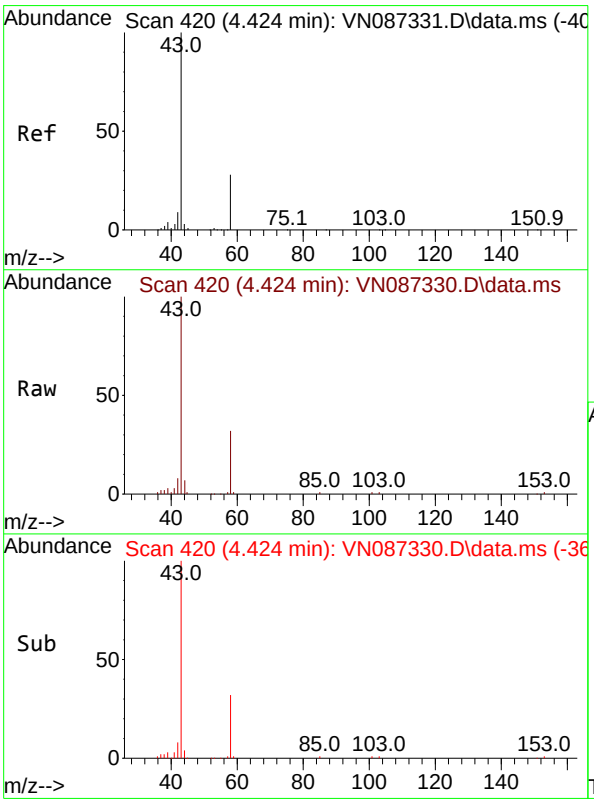
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	36.7	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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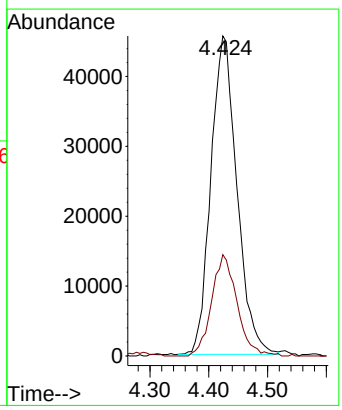
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

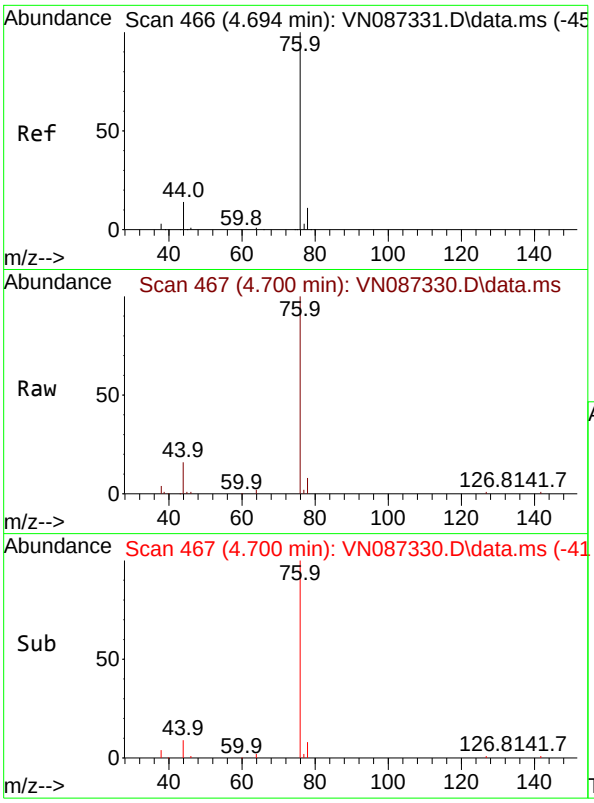


#16
Acetone
Concen: 97.607 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 140161

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.3	33.5





#17
Carbon Disulfide
Concen: 19.725 ug/l
RT: 4.700 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

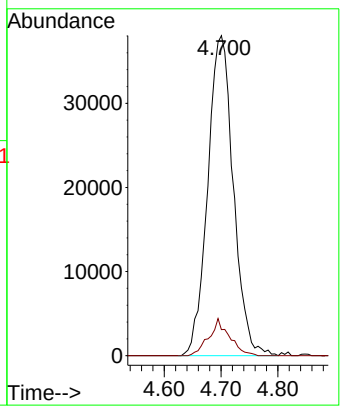
Tgt Ion: 76 Resp: 11919

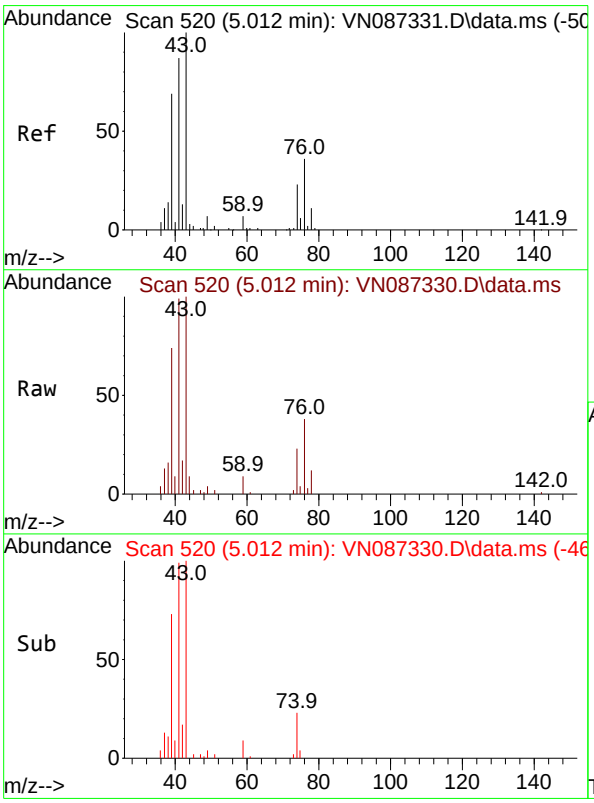
Ion	Ratio	Lower	Upper
76	100		
78	8.2	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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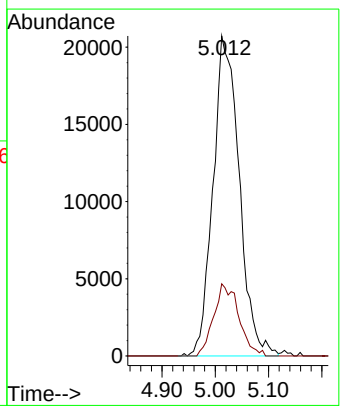


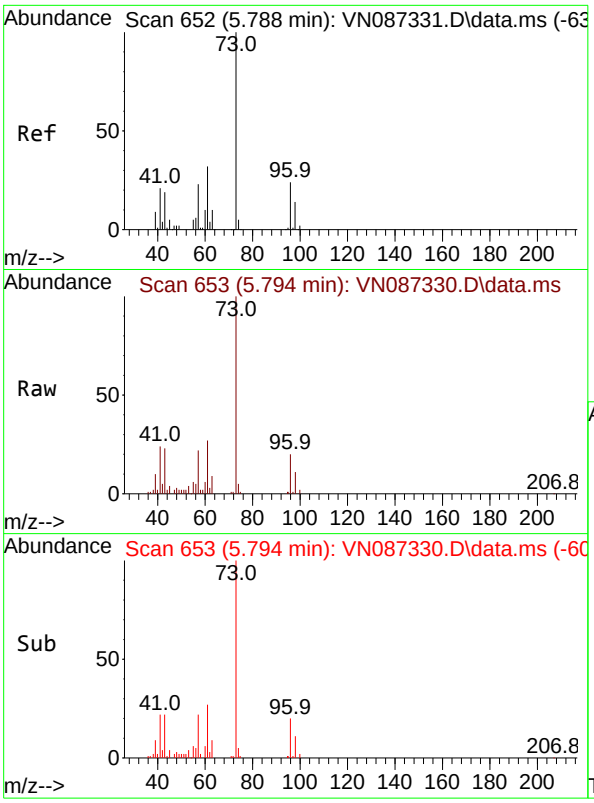


#18
Methyl Acetate
Concen: 19.824 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 70735

Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.8	26.6





#19
Methyl tert-butyl Ether
Concen: 20.018 ug/l
RT: 5.794 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

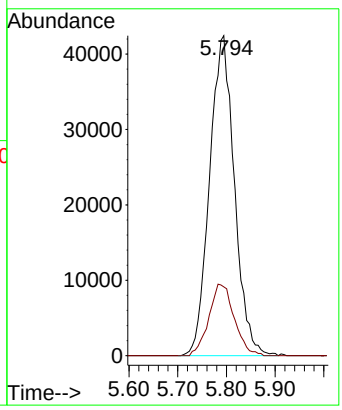
Tgt Ion: 73 Resp: 15038

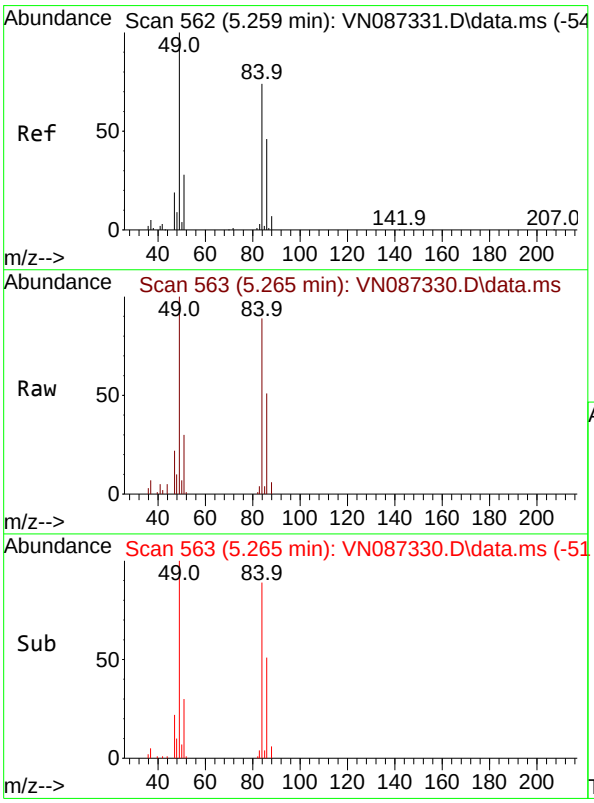
Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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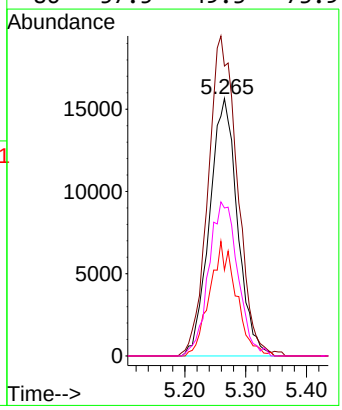


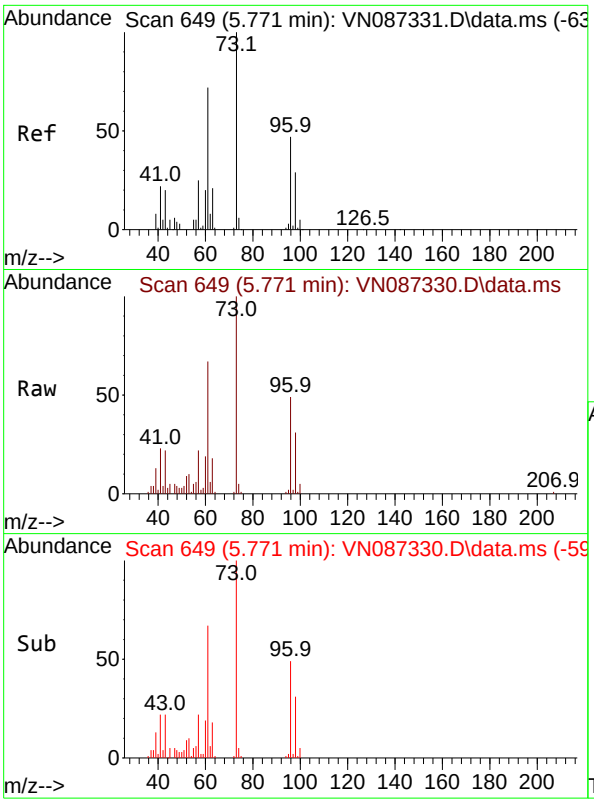


#20
Methylene Chloride
Concen: 20.427 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 84 Resp: 49951

Ion	Ratio	Lower	Upper
84	100		
49	112.6	107.5	161.3
51	33.4	30.2	45.2
86	57.5	49.3	73.9

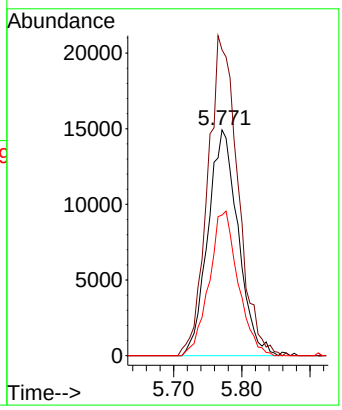




#21
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 5.771 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 96 Resp: 4591

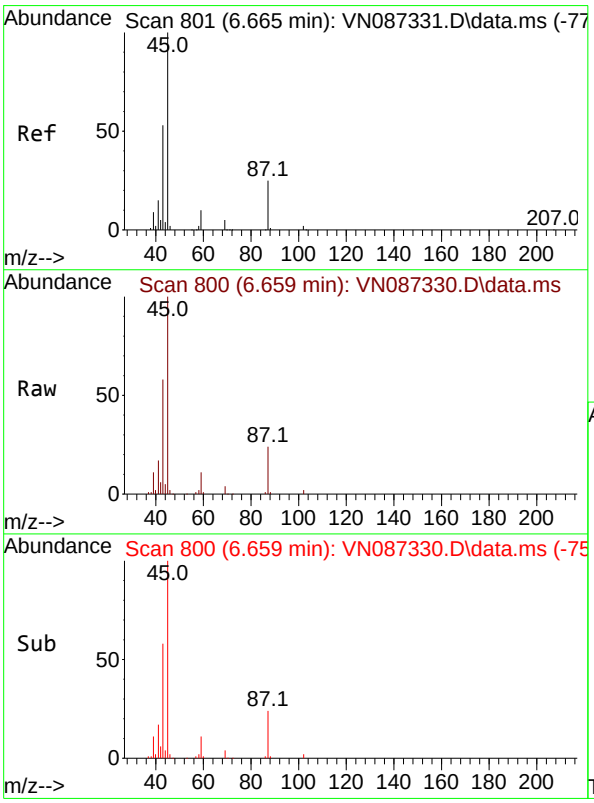
Ion	Ratio	Lower	Upper
96	100		
61	135.4	122.0	183.0
98	62.3	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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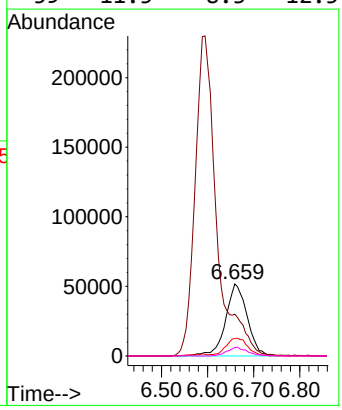
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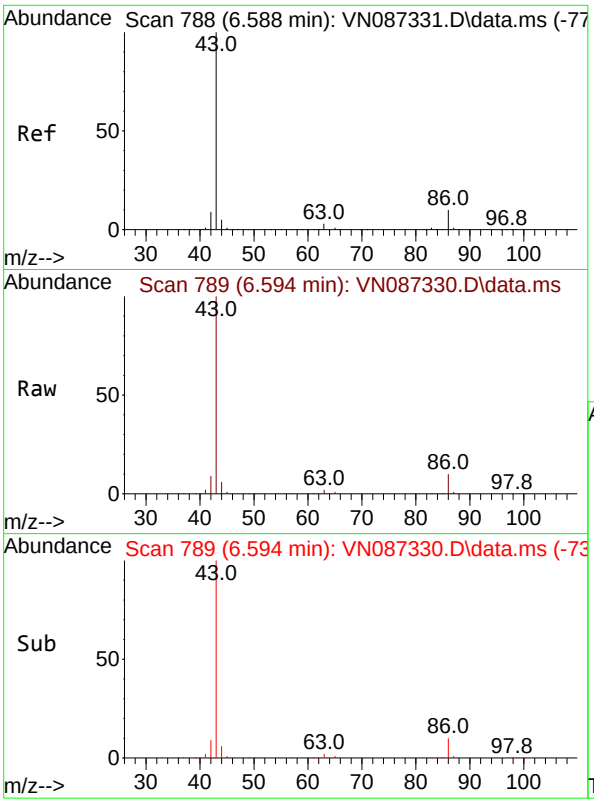


#22
Diisopropyl ether
Concen: 21.719 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 45 Resp: 168043

Ion	Ratio	Lower	Upper
45	100		
43	56.8	42.8	64.2
87	24.3	19.8	29.6
59	11.5	8.3	12.5





#23
Vinyl Acetate
Concen: 110.863 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

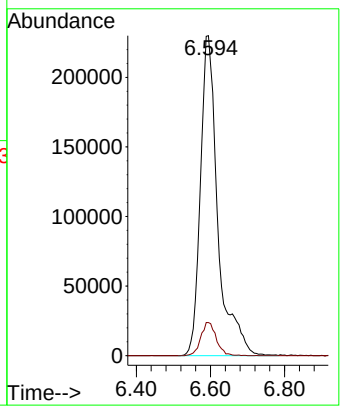
Tgt Ion: 43 Resp: 75020

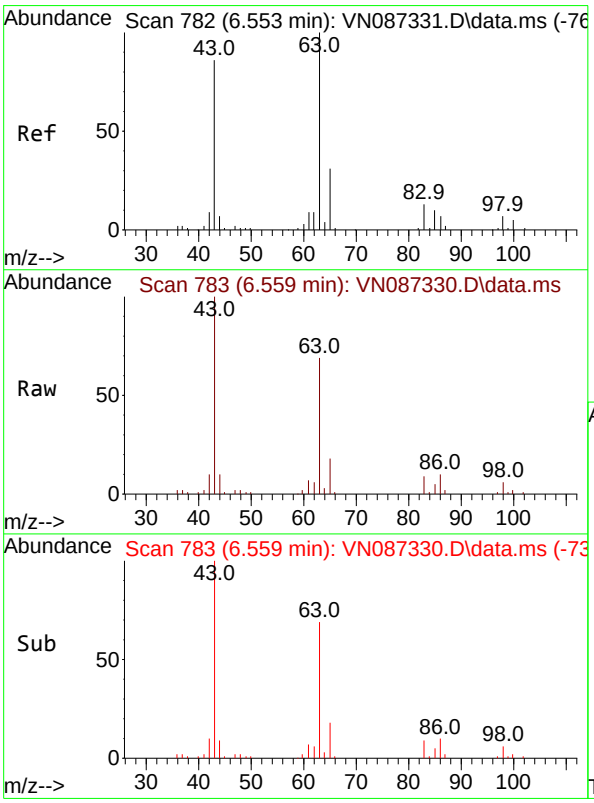
Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.7	11.5

Instrument :
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ClientSampleId :
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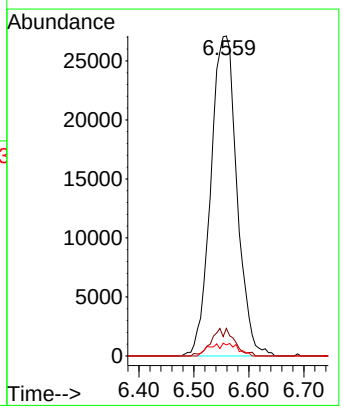


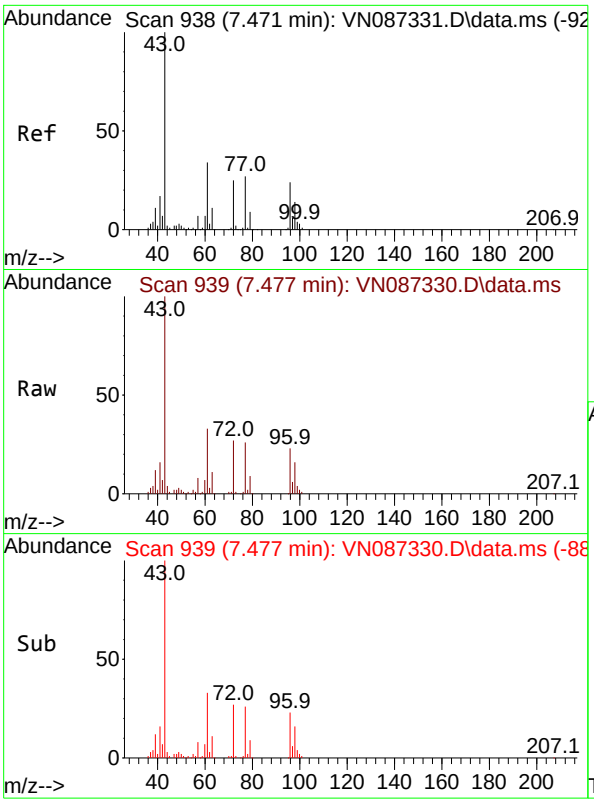


#24
1,1-Dichloroethane
Concen: 20.062 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 63 Resp: 89552

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.3	9.9
100	3.4	2.5	7.4





#25
2-Butanone
Concen: 105.718 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

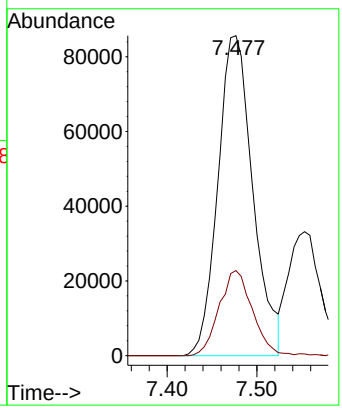
Tgt Ion: 43 Resp: 23198

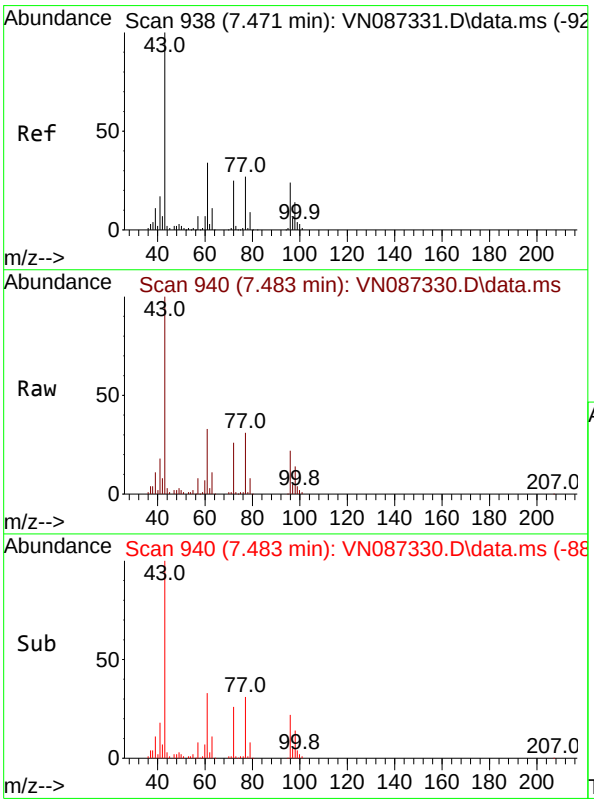
Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.6	29.4

Instrument :
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ClientSampleId :
VSTDICC020

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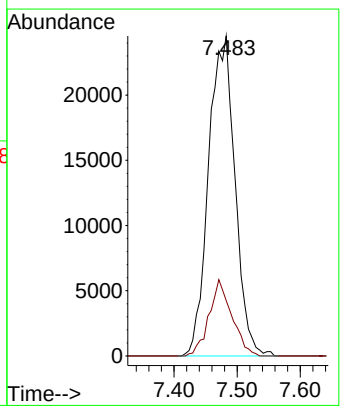


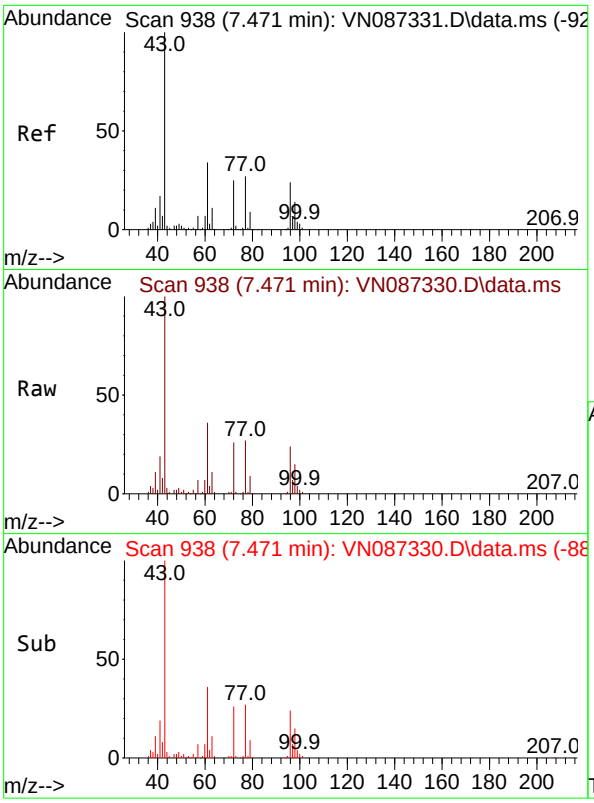


#26
2,2-Dichloropropane
Concen: 20.596 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 77 Resp: 71478

Ion	Ratio	Lower	Upper
77	100		
97	20.5	11.1	33.1





#27
cis-1,2-Dichloroethene
Concen: 20.162 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

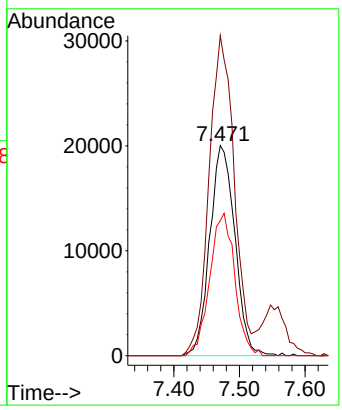
Tgt Ion: 96 Resp: 5334

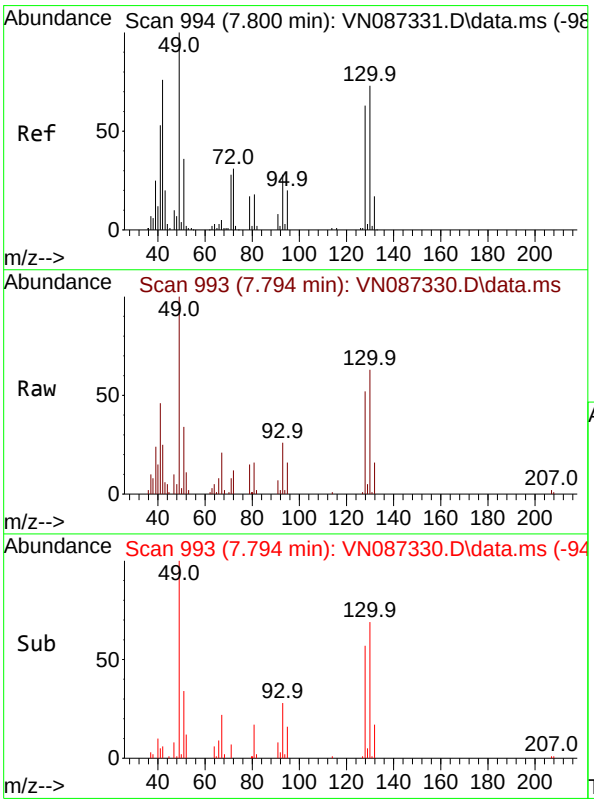
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	297.8
98	67.4	0.0	132.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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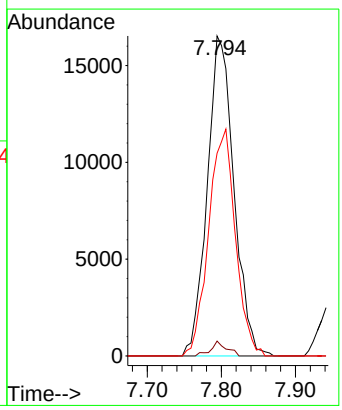


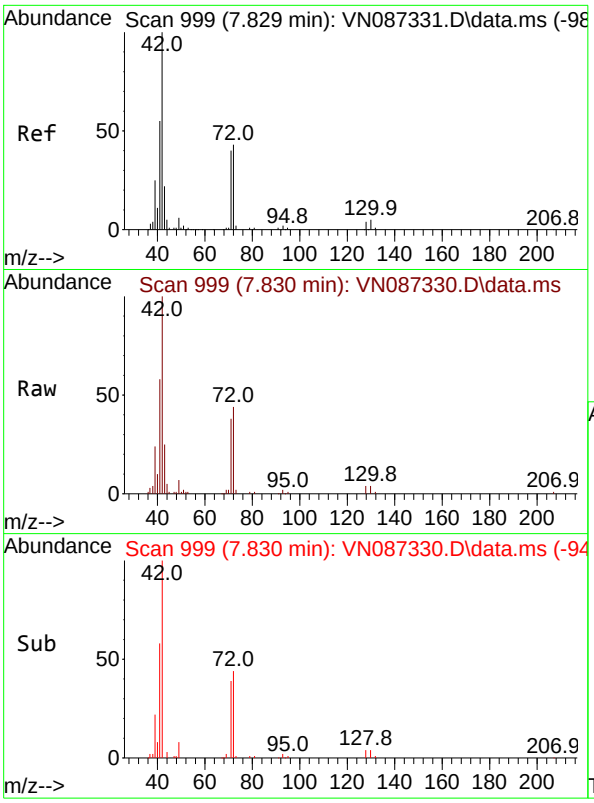


#28
Bromochloromethane
Concen: 19.325 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 49 Resp: 41285

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	71.2	57.3	85.9

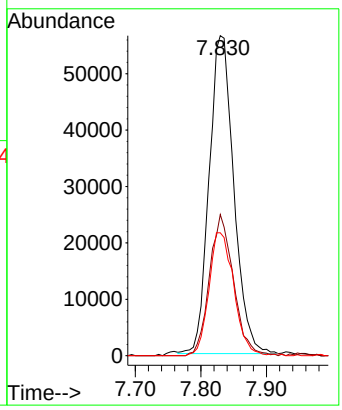




#29
Tetrahydrofuran
Concen: 103.426 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 42 Resp: 14743

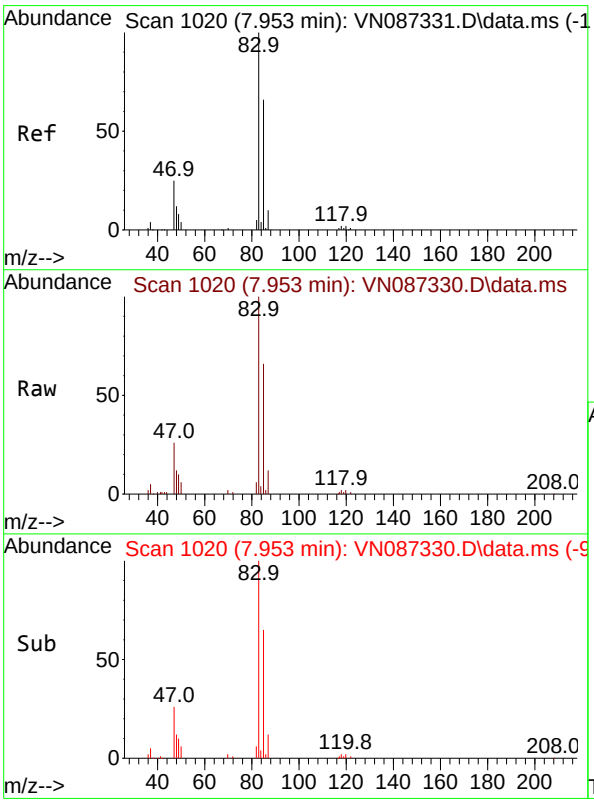
Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.4	50.0
71	39.0	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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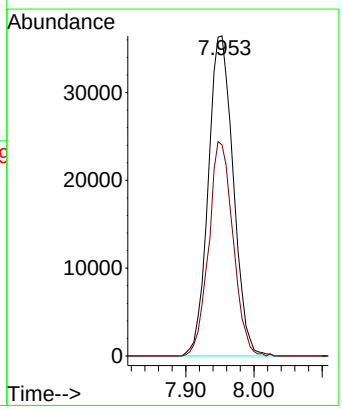
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

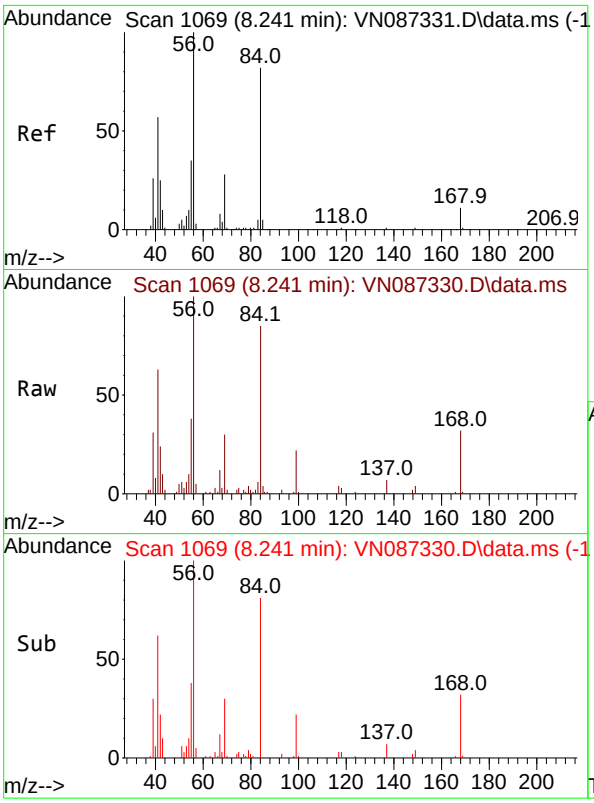


#30
Chloroform
Concen: 20.819 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 83 Resp: 93018

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.7	79.1





#31
Cyclohexane
Concen: 19.915 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

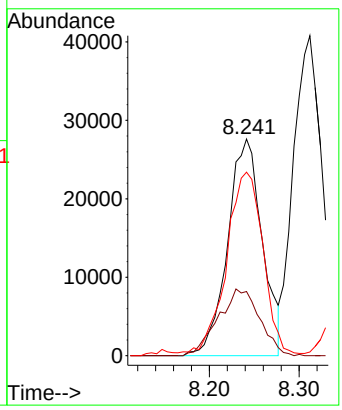
Tgt Ion: 56 Resp: 7416

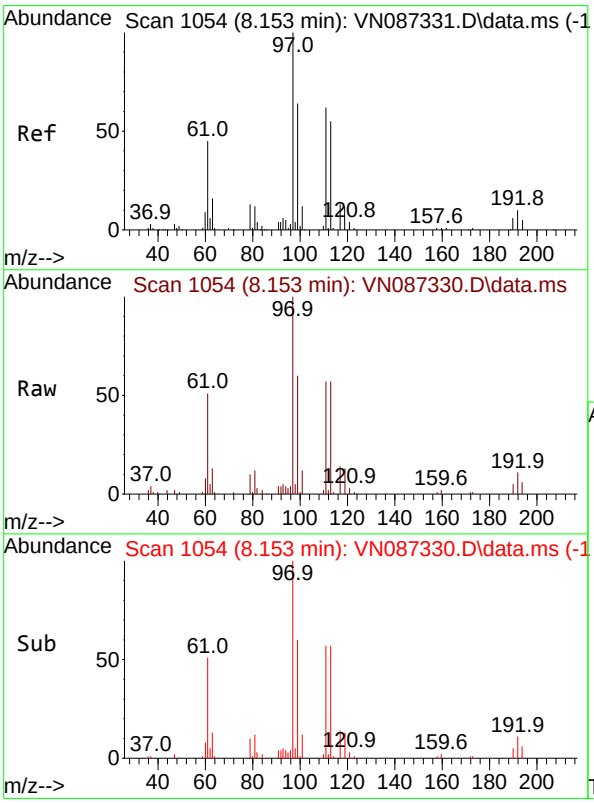
Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.7	34.1
84	83.3	65.8	98.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

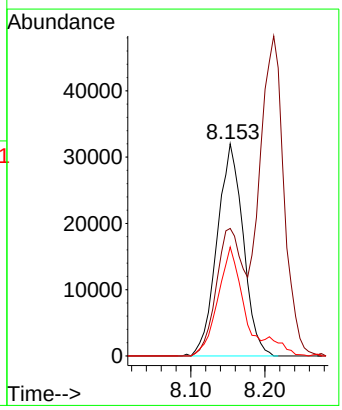


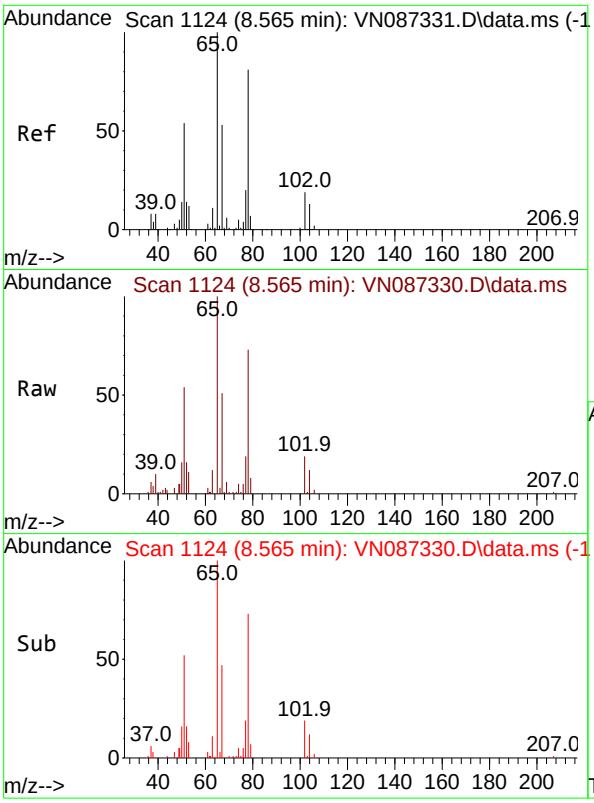


#32
1,1,1-Trichloroethane
Concen: 20.217 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 97 Resp: 78235

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.8
61	49.8	38.7	58.1





#33
1,2-Dichloroethane-d4
Concen: 19.341 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

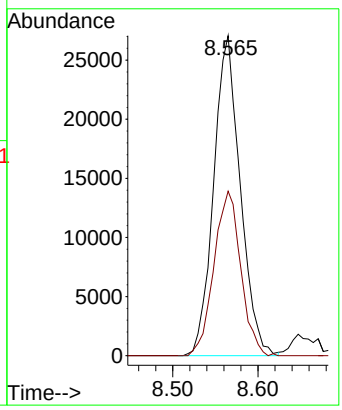
Tgt Ion: 65 Resp: 5858

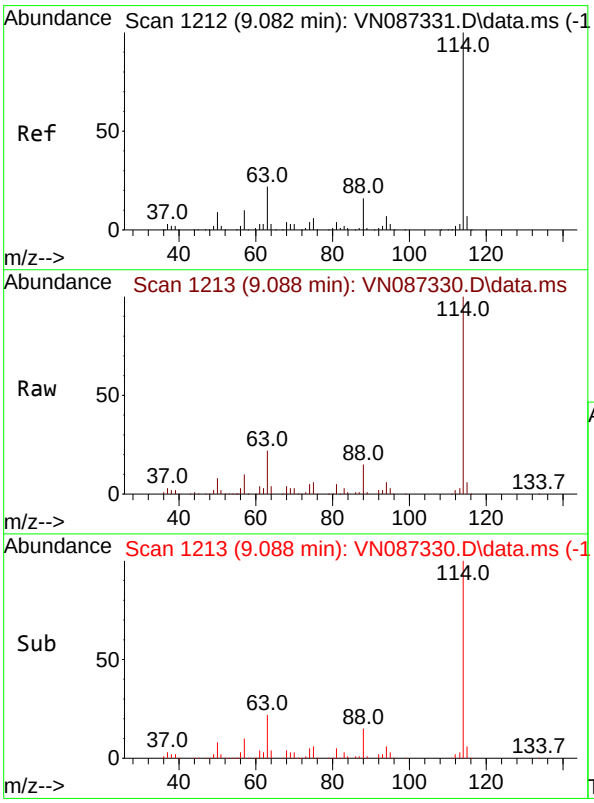
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

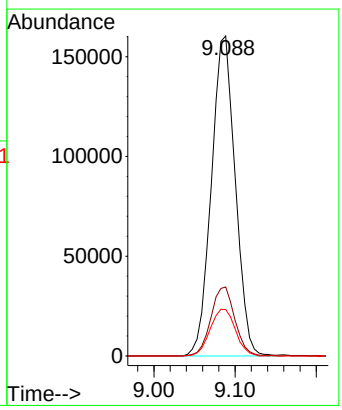


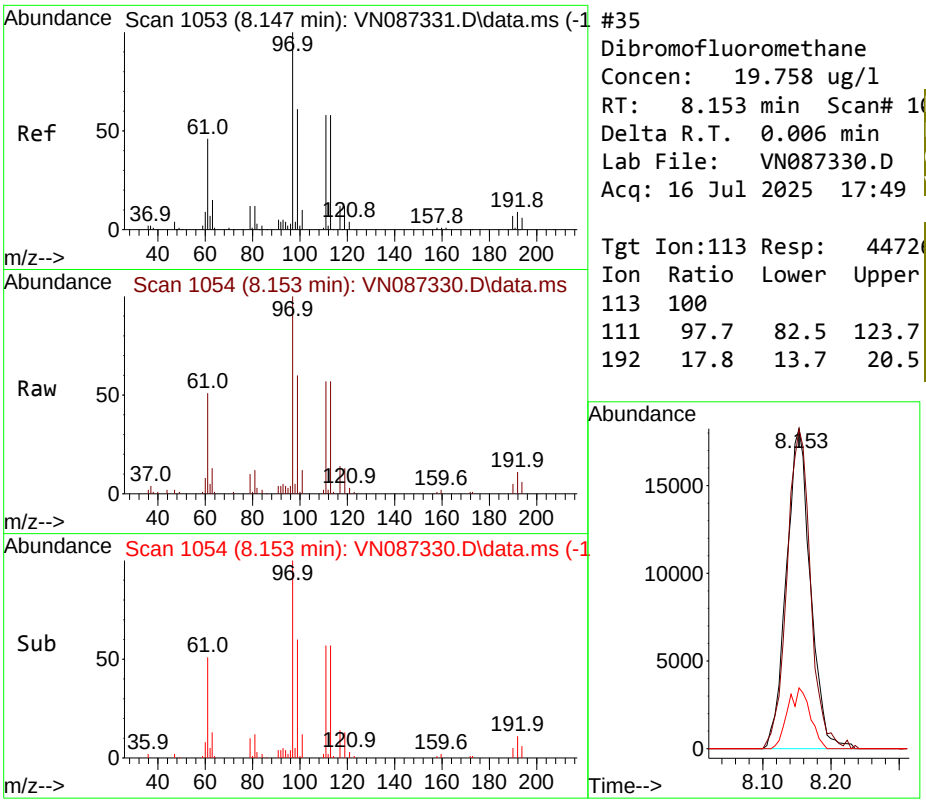


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:114 Resp: 328159

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.6
88	14.5	0.0	32.8





#35
Dibromofluoromethane
Concen: 19.758 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

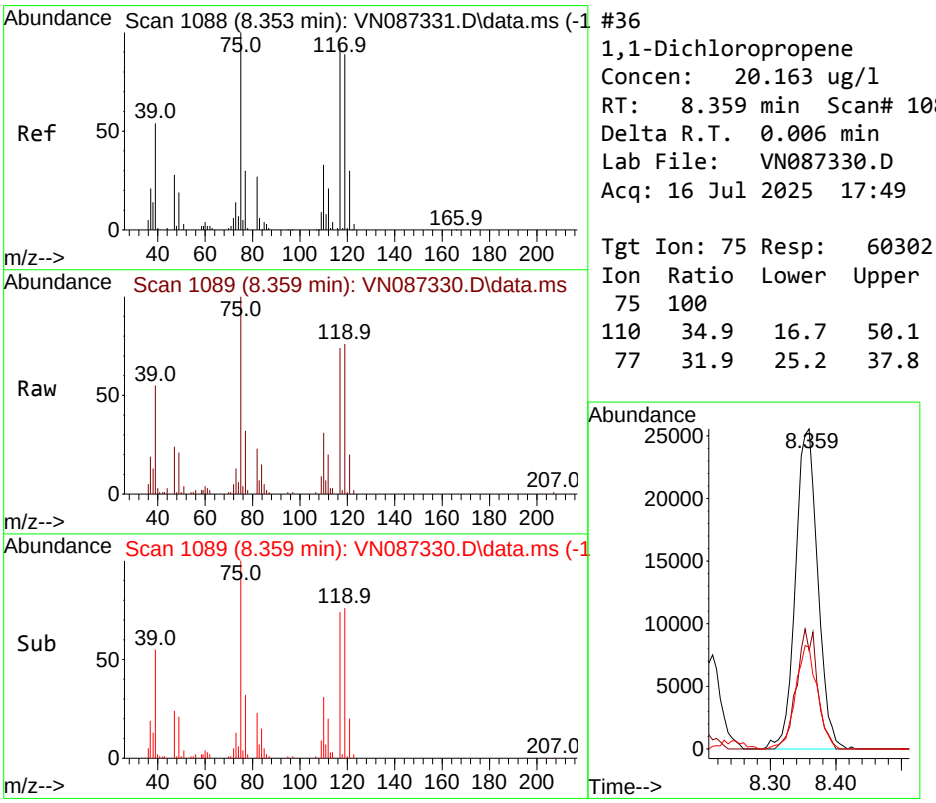
Tgt Ion:113 Resp: 4472

Ion	Ratio	Lower	Upper
113	100		
111	97.7	82.5	123.7
192	17.8	13.7	20.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

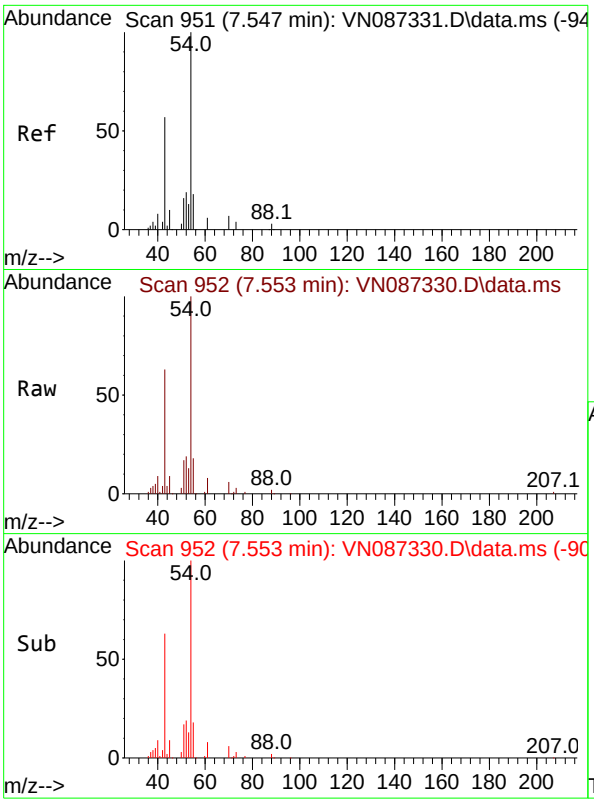
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,1-Dichloropropene
Concen: 20.163 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 60302

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	31.9	25.2	37.8



#37
Ethyl Acetate
Concen: 19.893 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

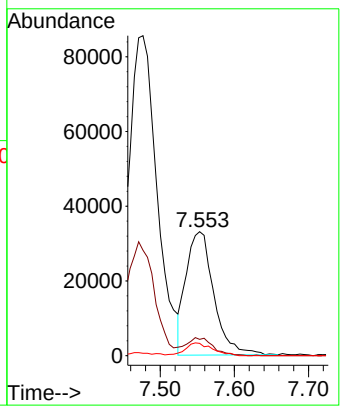
Tgt Ion: 43 Resp: 8592

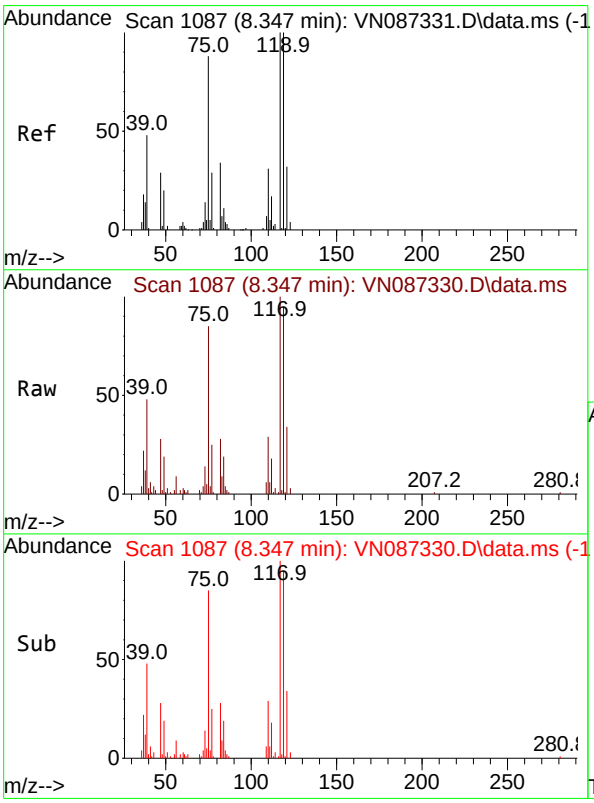
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	10.1	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

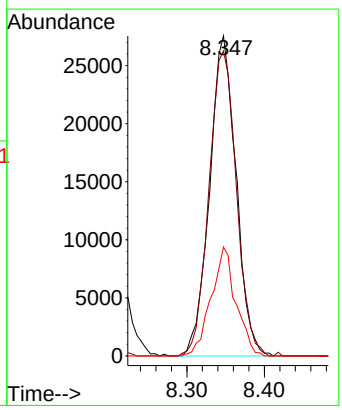


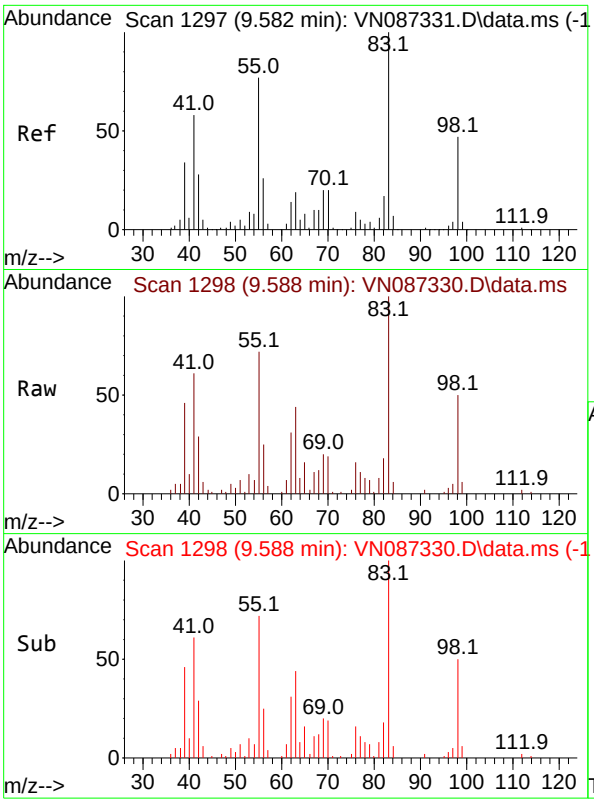


#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:117 Resp: 65336

Ion	Ratio	Lower	Upper
117	100		
119	95.3	80.2	120.2
121	34.1	25.4	38.2

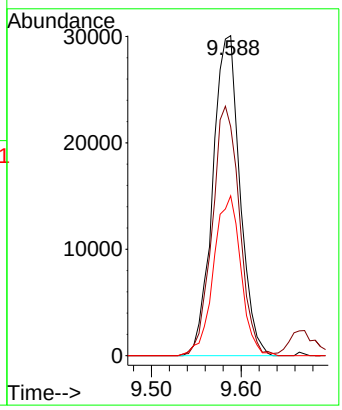




#39
Methylcyclohexane
Concen: 19.539 ug/l
RT: 9.588 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 83 Resp: 6326

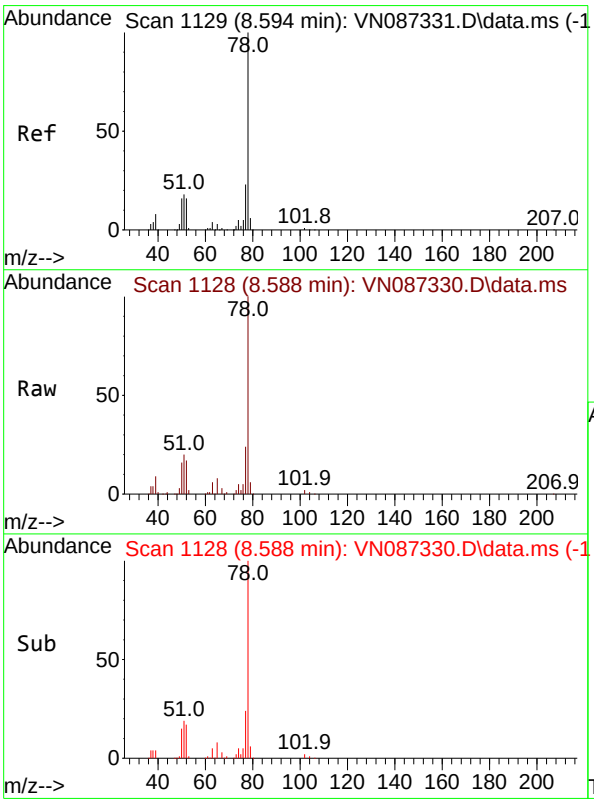
Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.3	91.9
98	50.0	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

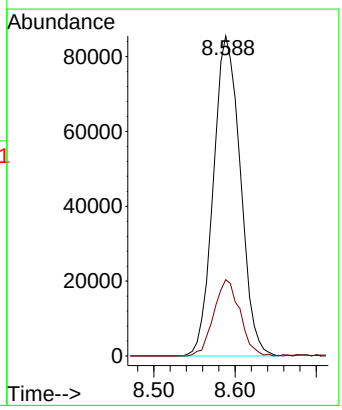
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

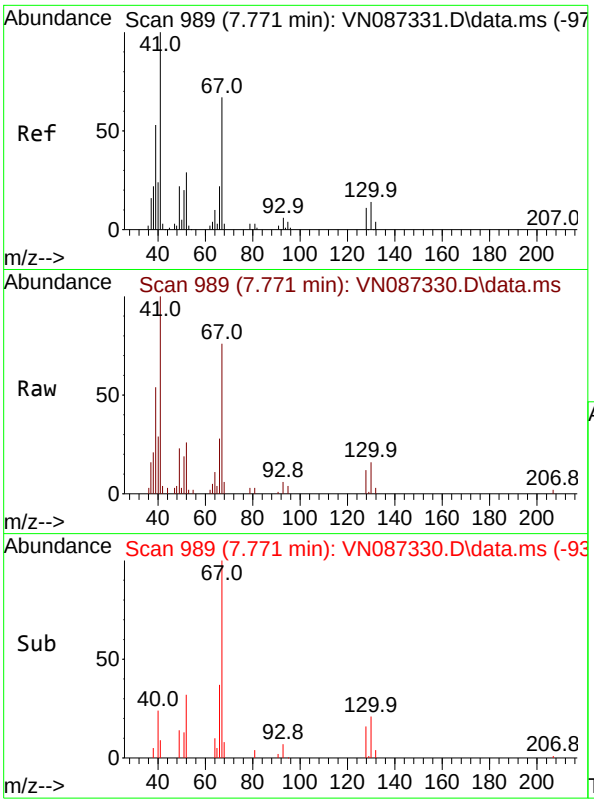


#40
Benzene
Concen: 20.400 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 78 Resp: 197187

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2

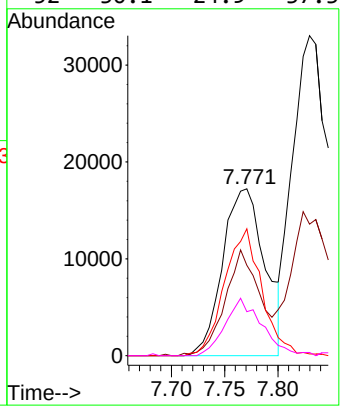




#41
Methacrylonitrile
Concen: 21.054 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 41 Resp: 4755

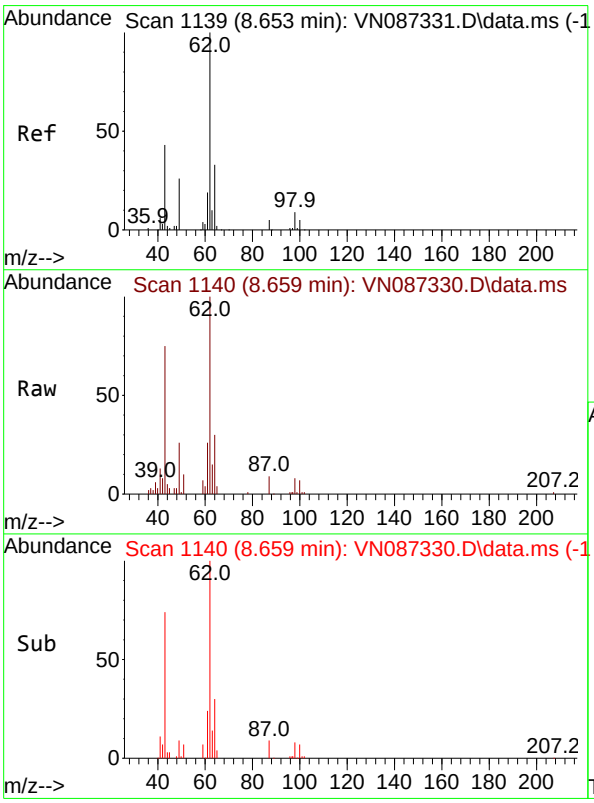
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.4	65.0
67	67.2	55.1	82.7
52	30.1	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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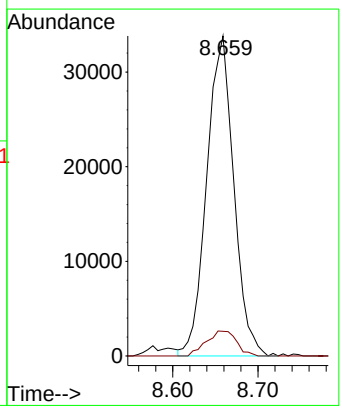
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

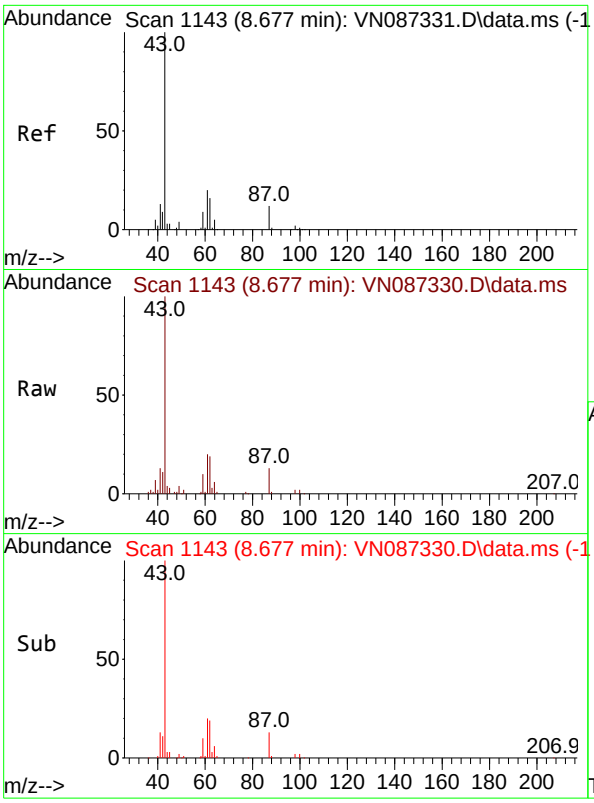


#42
1,2-Dichloroethane
Concen: 20.374 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 62 Resp: 74680

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 20.136 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

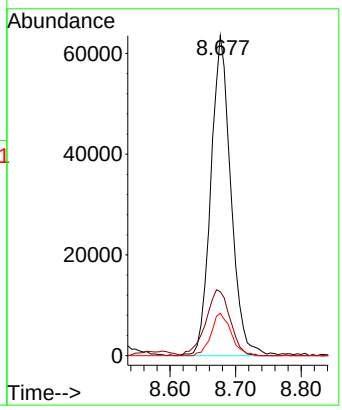
Tgt Ion: 43 Resp: 13501

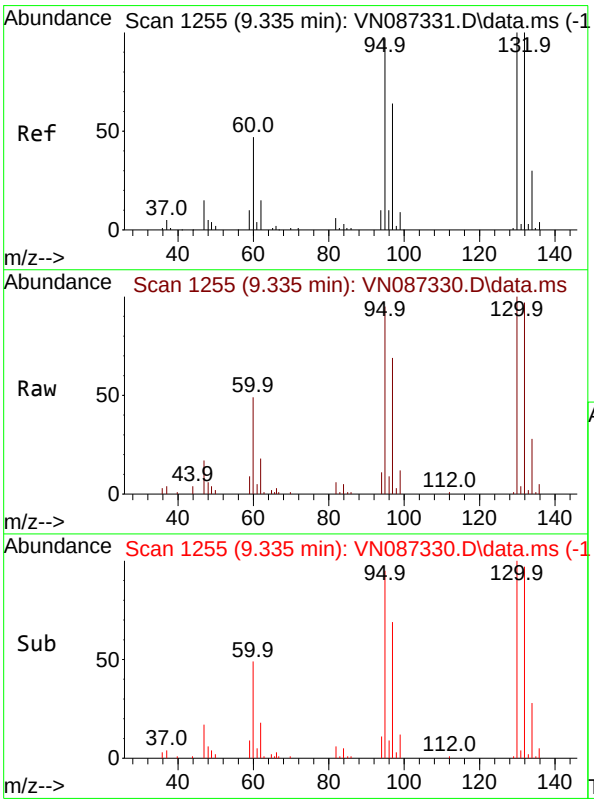
Ion	Ratio	Lower	Upper
43	100		
61	25.0	19.8	29.8
87	13.2	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

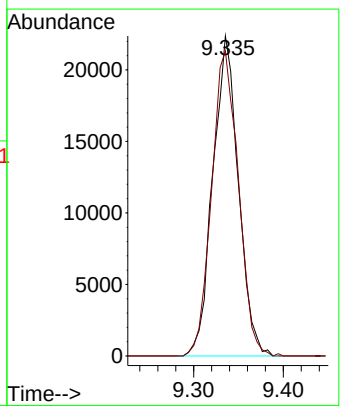


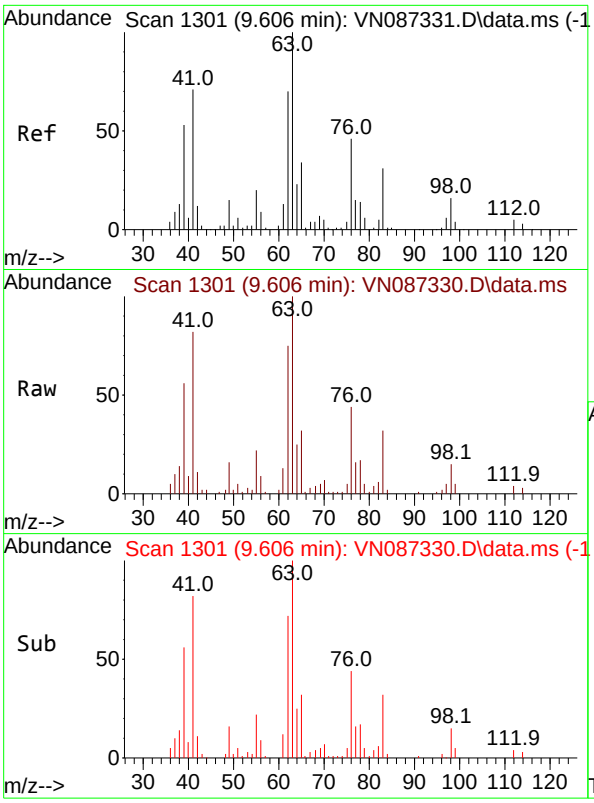


#44
Trichloroethene
Concen: 19.354 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:130 Resp: 44202

Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	195.2

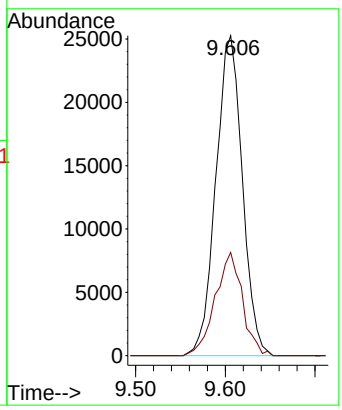




#45
1,2-Dichloropropane
Concen: 21.086 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 63 Resp: 5178

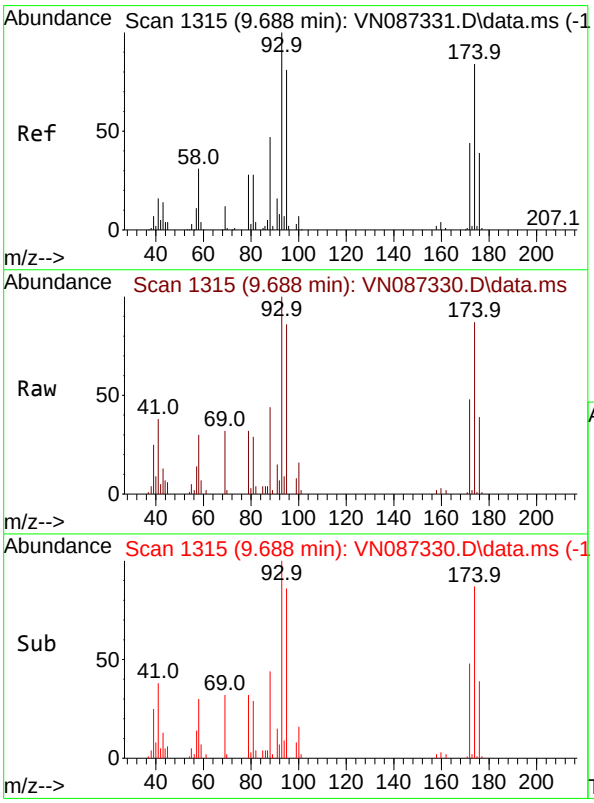
Ion	Ratio	Lower	Upper
63	100		
65	32.3	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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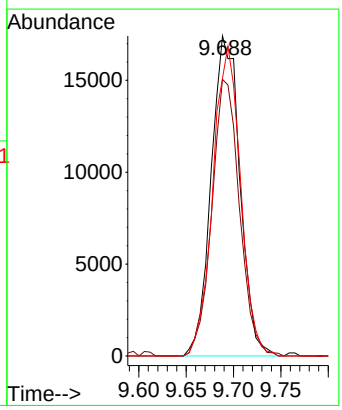
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

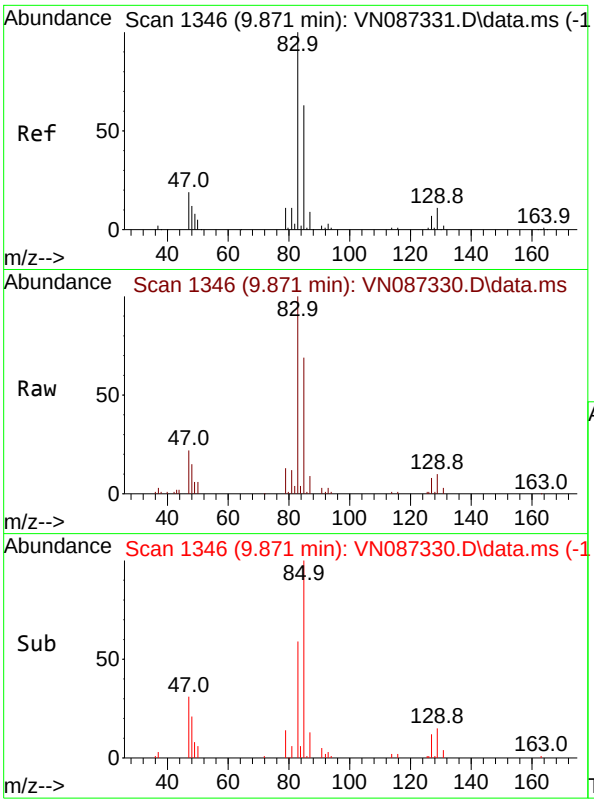


#46
Dibromomethane
Concen: 19.943 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 93 Resp: 36673

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	93.5	69.9	104.9

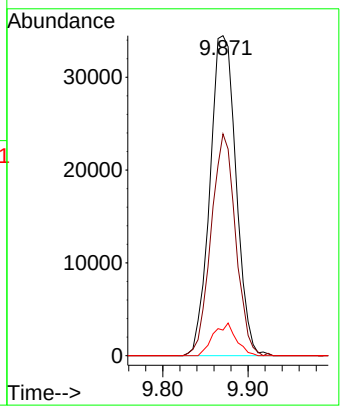




#47
Bromodichloromethane
Concen: 19.819 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 83 Resp: 7340

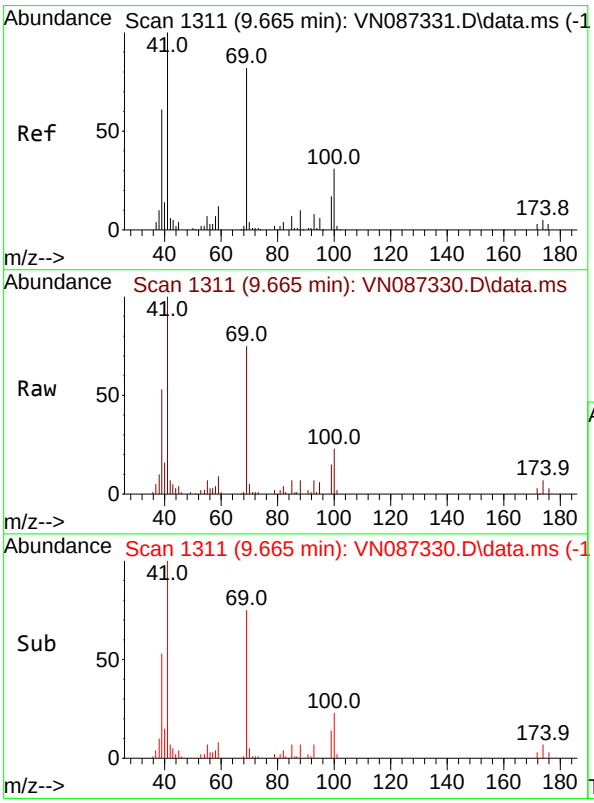
Ion	Ratio	Lower	Upper
83	100		
85	69.3	50.4	75.6
127	8.0	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

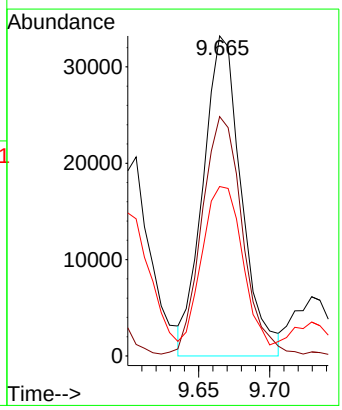
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

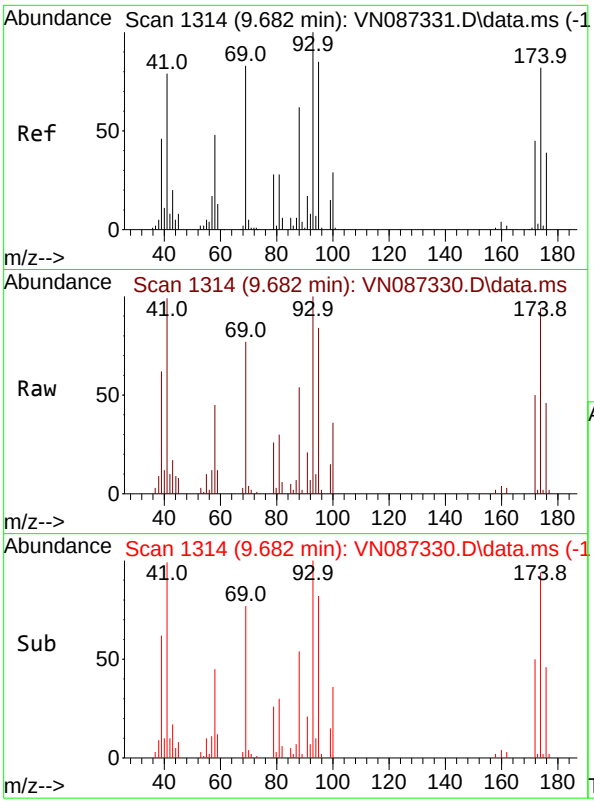


#48
Methyl methacrylate
Concen: 20.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 41 Resp: 62316

Ion	Ratio	Lower	Upper
41	100		
69	78.3	64.1	96.1
39	57.4	45.5	68.3

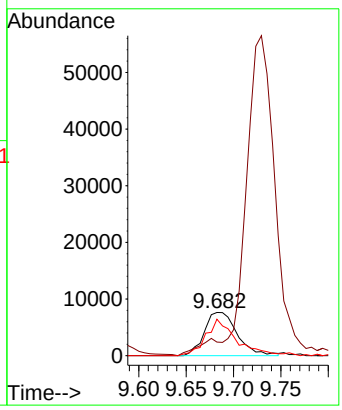




#49
1,4-Dioxane
Concen: 400.357 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 88 Resp: 1850

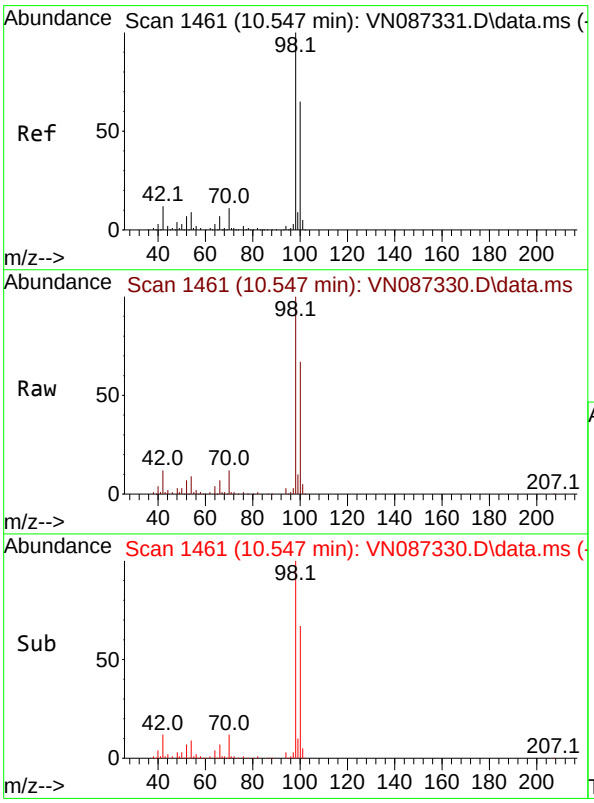
Ion	Ratio	Lower	Upper
88	100		
43	28.0	0.0	0.0
58	76.8	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

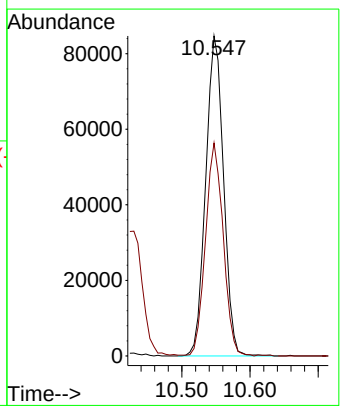
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

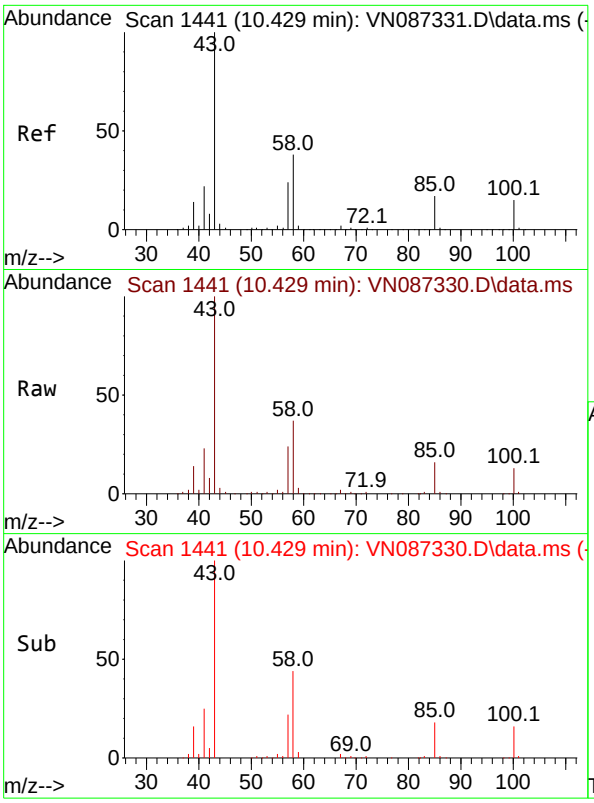


#50
Toluene-d8
Concen: 19.119 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 98 Resp: 154381

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.1	78.1

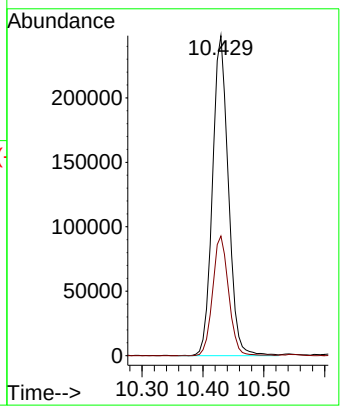




#51
4-Methyl-2-Pentanone
Concen: 106.046 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 44971

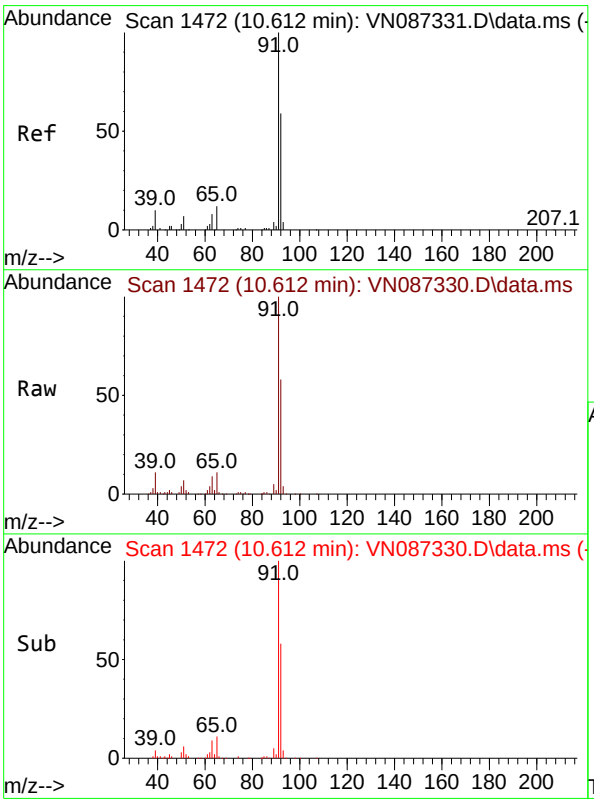
Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

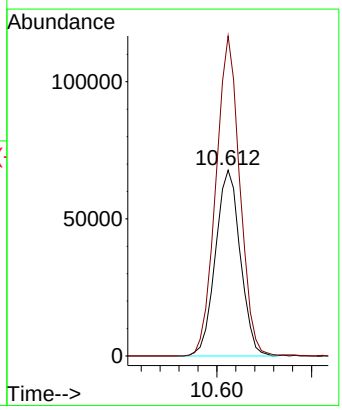
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

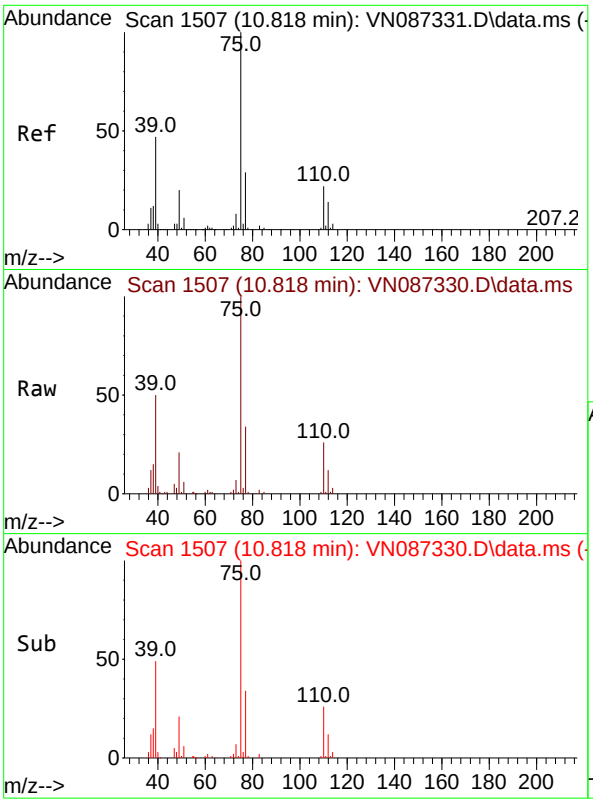


#52
Toluene
Concen: 21.002 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 92 Resp: 123391

Ion	Ratio	Lower	Upper
92	100		
91	166.7	135.1	202.7

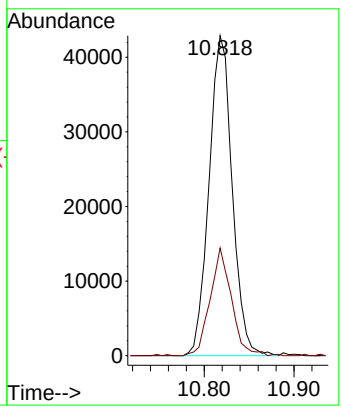




#53
t-1,3-Dichloropropene
Concen: 20.530 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 7695

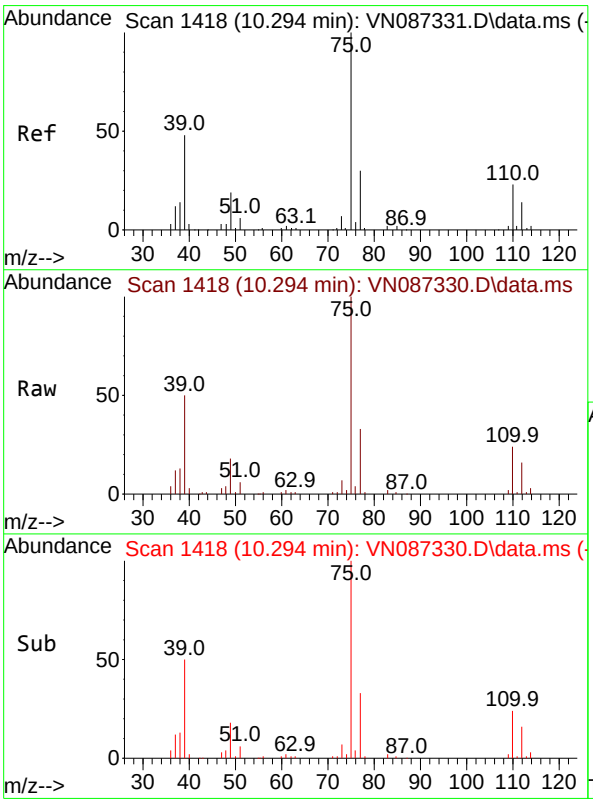
Ion	Ratio	Lower	Upper
75	100		
77	33.6	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

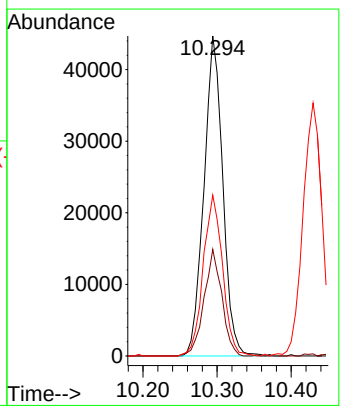
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

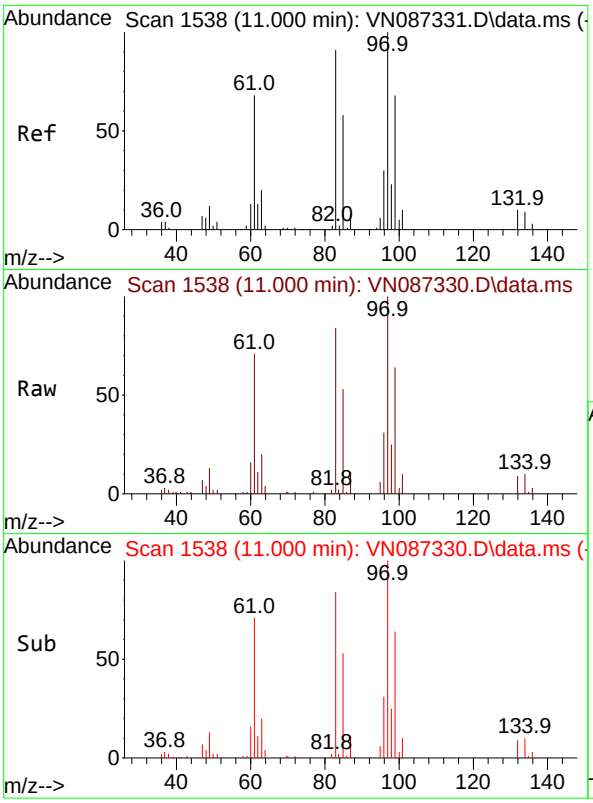


#54
cis-1,3-Dichloropropene
Concen: 20.407 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 79019

Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.2	36.2
39	50.3	38.4	57.6

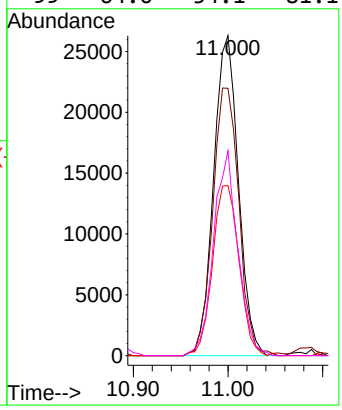




#55
1,1,2-Trichloroethane
Concen: 20.164 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 97 Resp: 4796

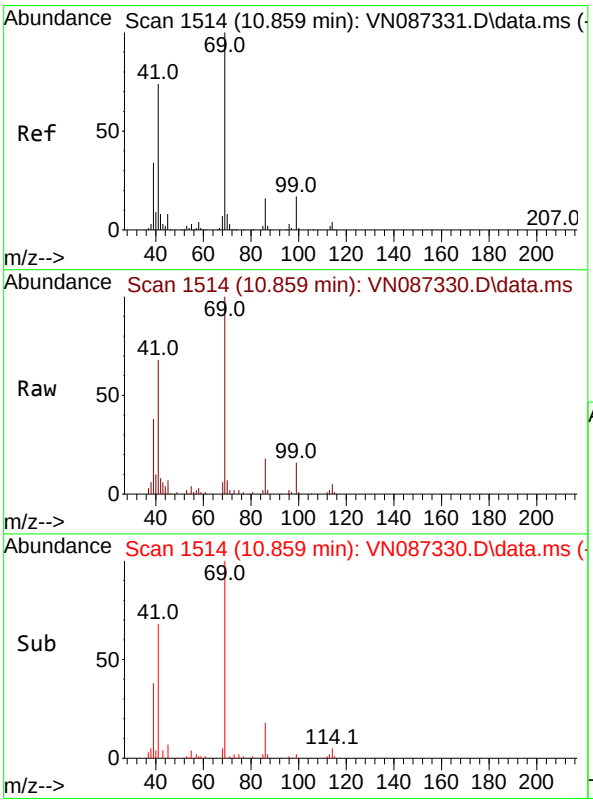
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.6	109.0
85	53.1	46.7	70.1
99	64.0	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

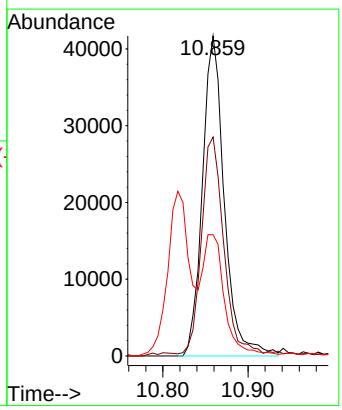
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

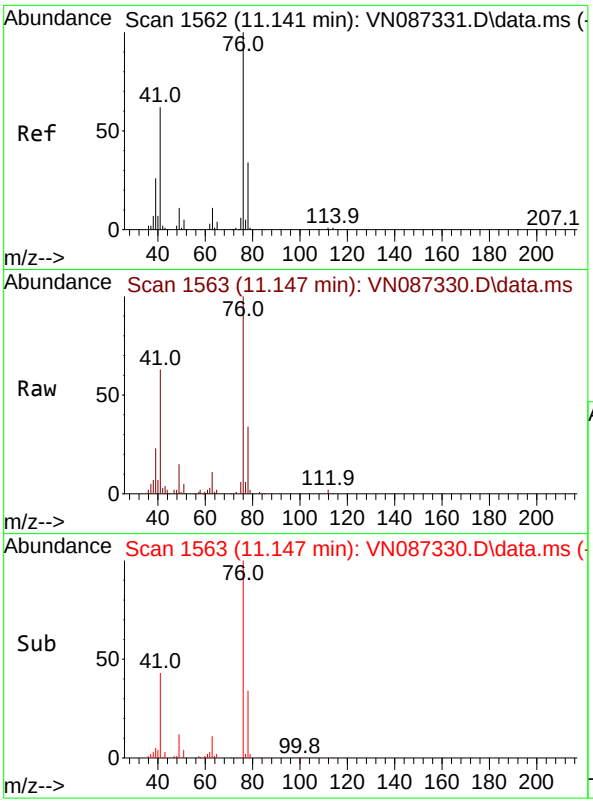


#56
Ethyl methacrylate
Concen: 19.384 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 69 Resp: 74408

Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.1	82.7
39	36.2	27.9	41.9

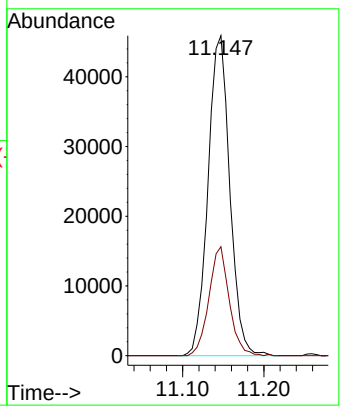




#57
1,3-Dichloropropane
Concen: 20.800 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 76 Resp: 8553

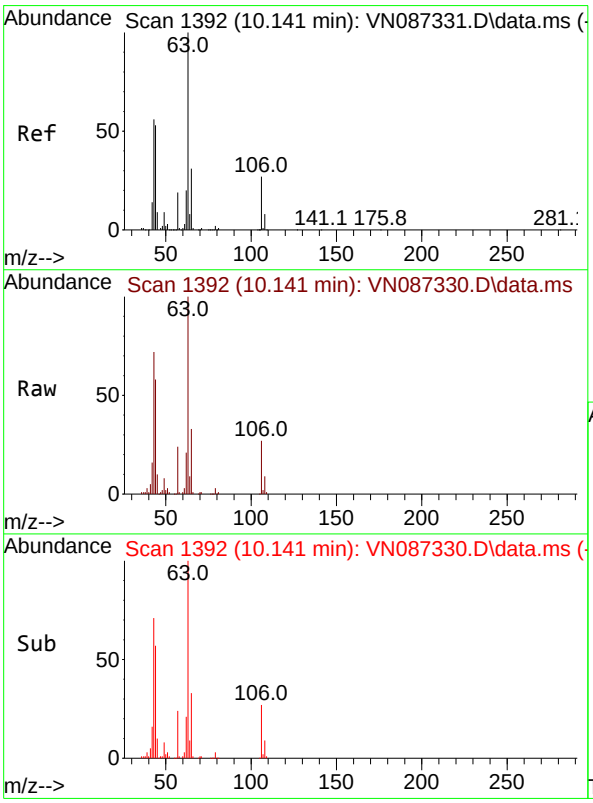
Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

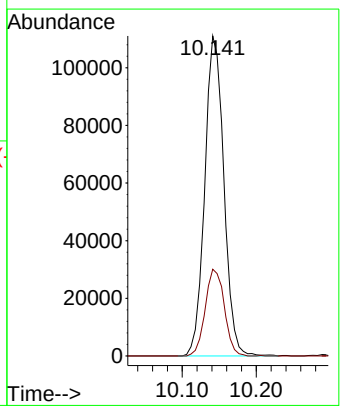
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

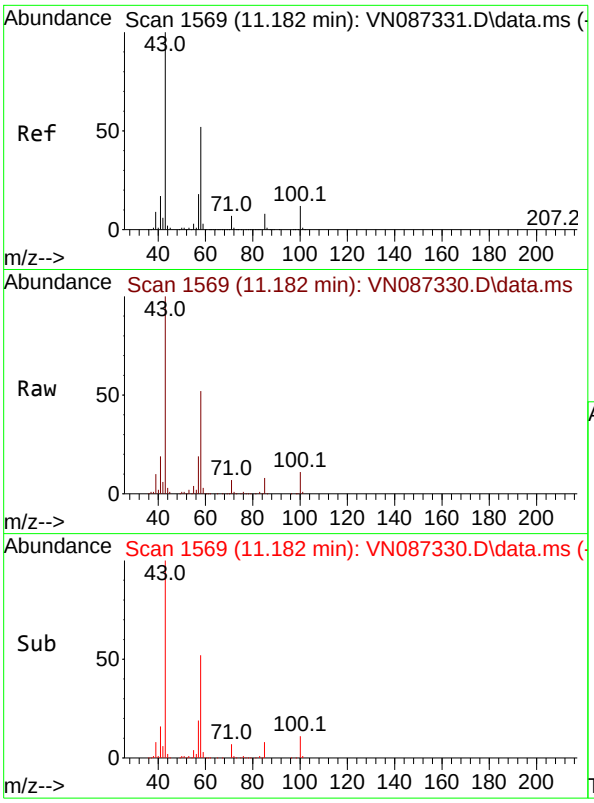


#58
2-Chloroethyl Vinyl ether
Concen: 101.839 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 63 Resp: 198704

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5





#59
2-Hexanone
Concen: 108.526 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

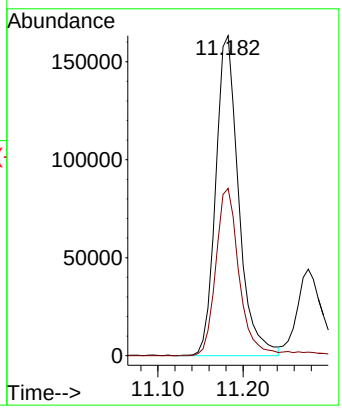
Tgt Ion: 43 Resp: 30534

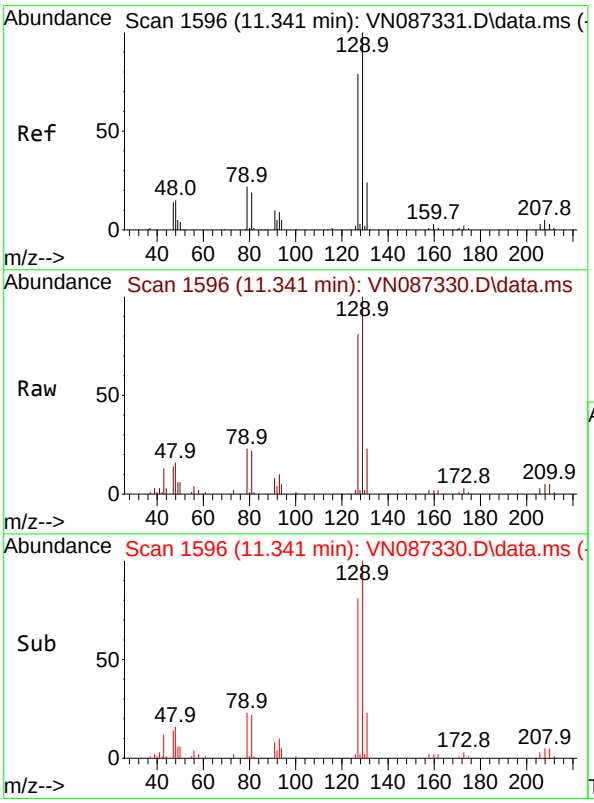
Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

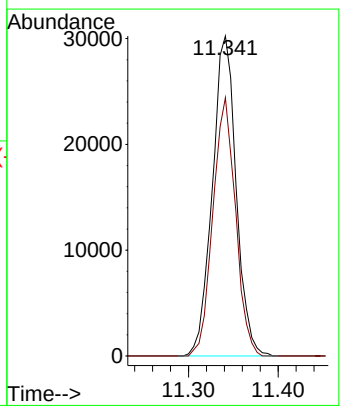


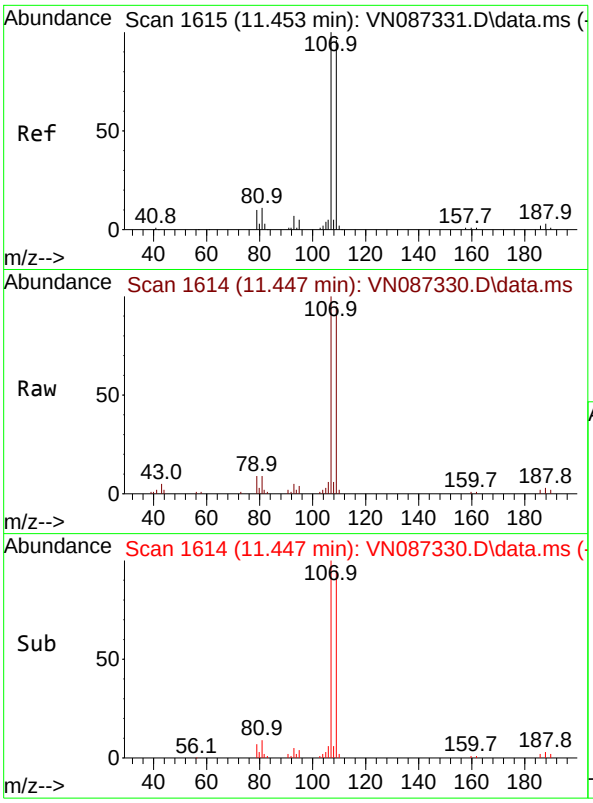


#60
Dibromochloromethane
Concen: 20.564 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:129 Resp: 55783

Ion	Ratio	Lower	Upper
129	100		
127	76.4	39.1	117.5





#61
1,2-Dibromoethane
Concen: 20.509 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

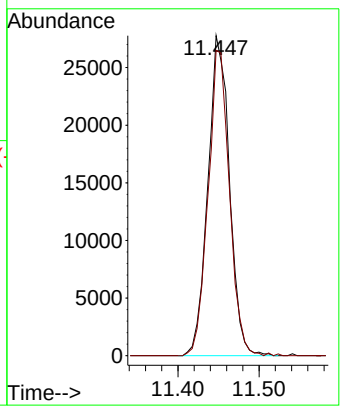
Tgt Ion:107 Resp: 5129

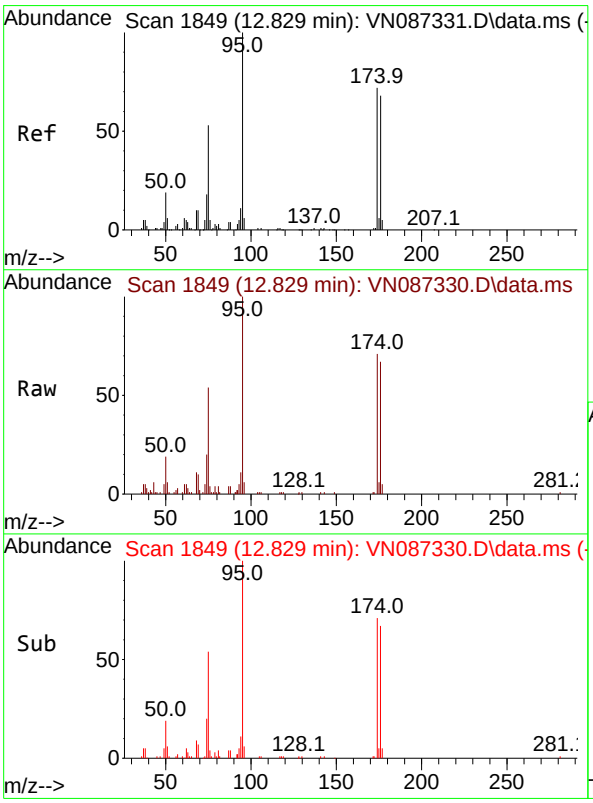
Ion	Ratio	Lower	Upper
107	100		
109	94.2	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

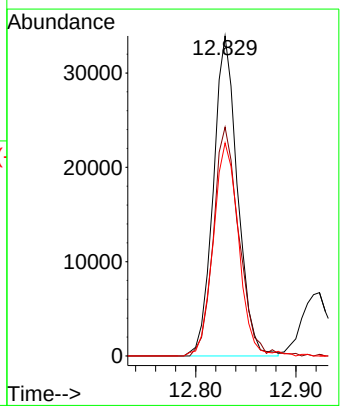


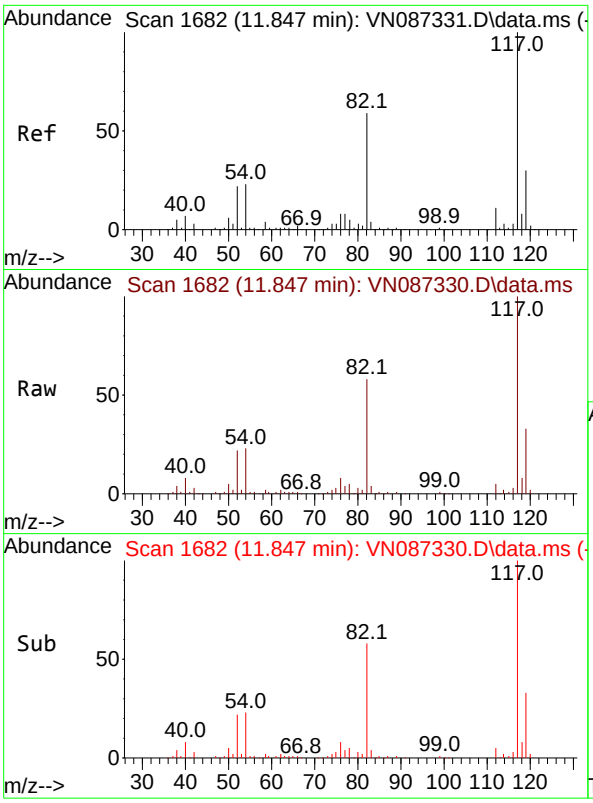


#62
4-Bromofluorobenzene
Concen: 19.051 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 95 Resp: 56832

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	149.4
176	70.0	0.0	141.2

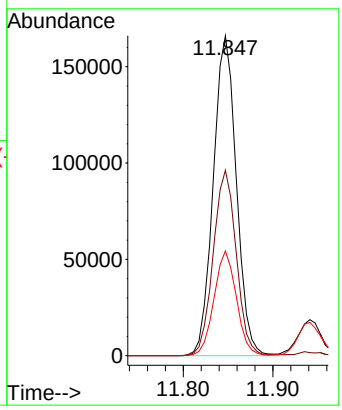




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:117 Resp: 29720

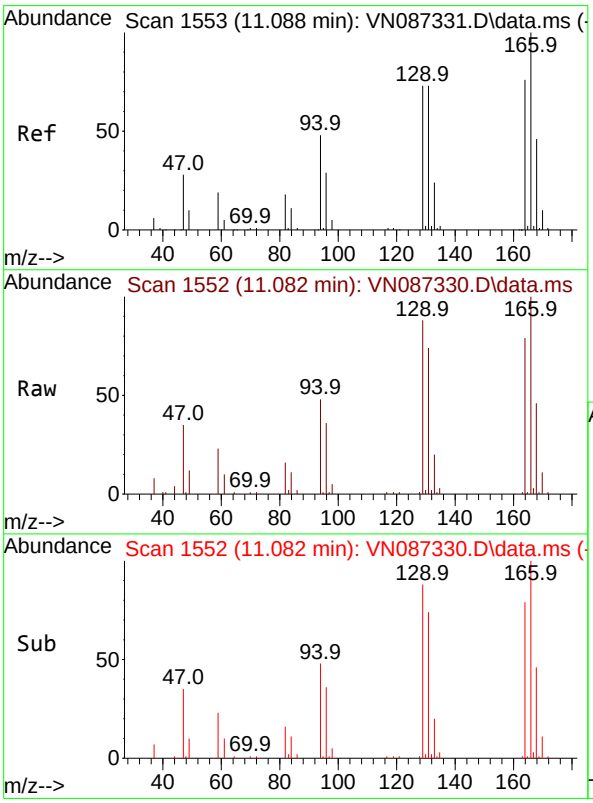
Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	32.7	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

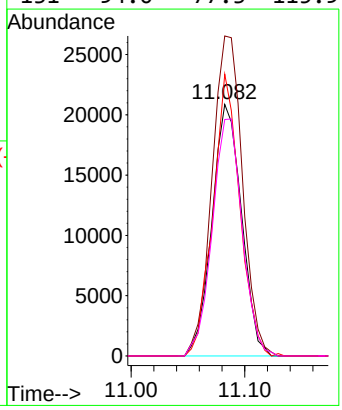
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

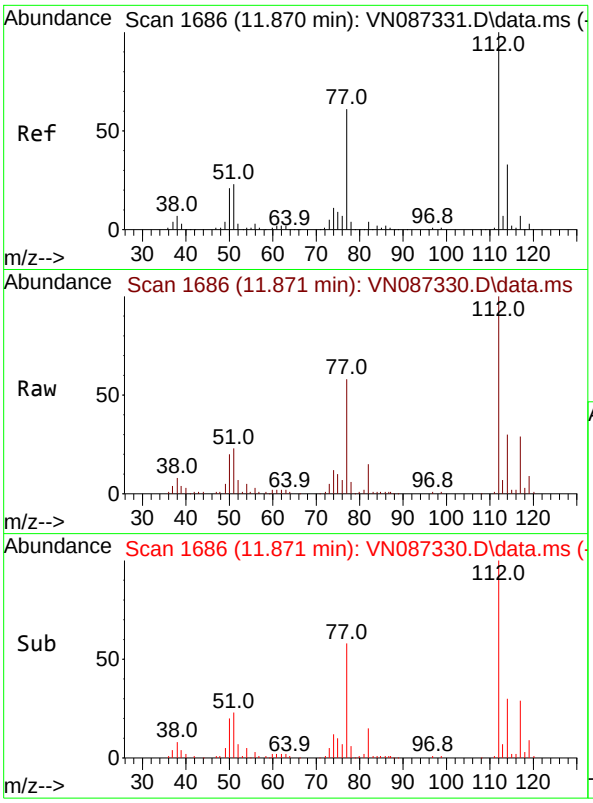


#64
Tetrachloroethene
Concen: 19.686 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:164 Resp: 37655

Ion	Ratio	Lower	Upper
164	100		
166	127.2	105.5	158.3
129	112.0	77.4	116.2
131	94.0	77.3	115.9

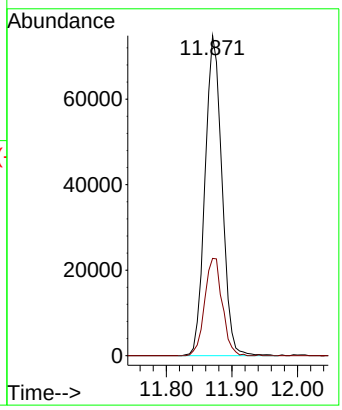




#65
Chlorobenzene
Concen: 20.183 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:112 Resp: 13466

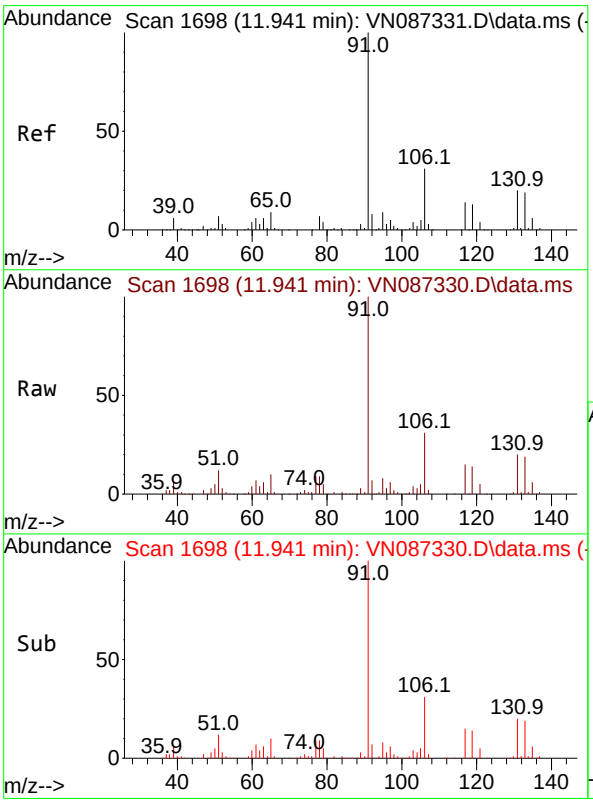
Ion	Ratio	Lower	Upper
112	100		
114	30.4	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

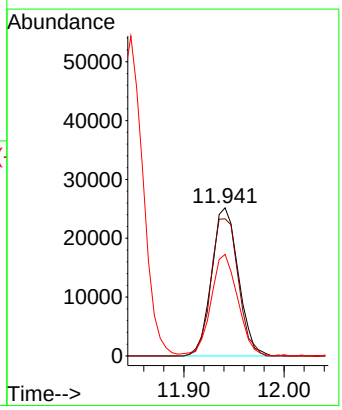
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

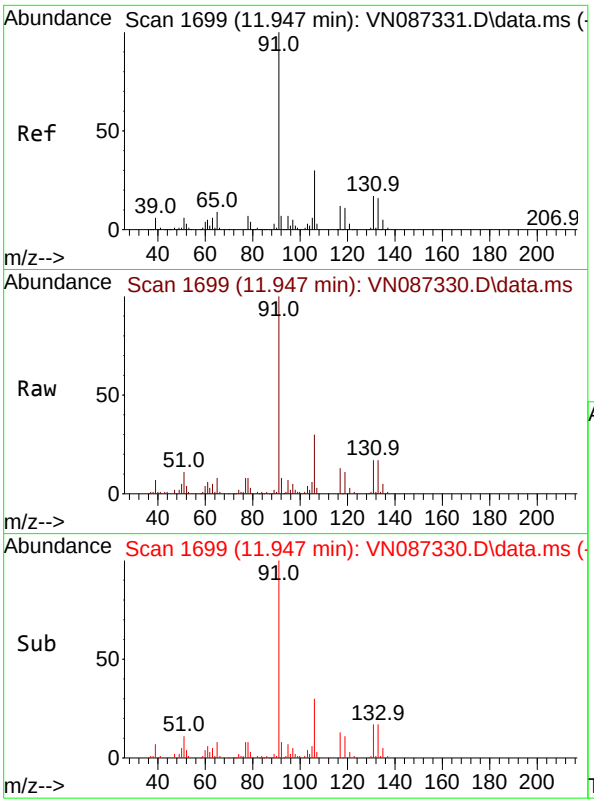


#66
1,1,1,2-Tetrachloroethane
Concen: 20.570 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:131 Resp: 46671

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.4	142.3
119	68.8	33.1	99.2





#67
Ethyl Benzene
Concen: 20.367 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

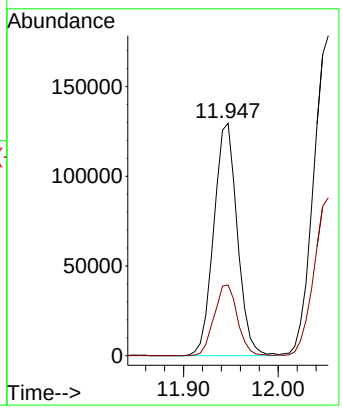
Tgt Ion: 91 Resp: 22371

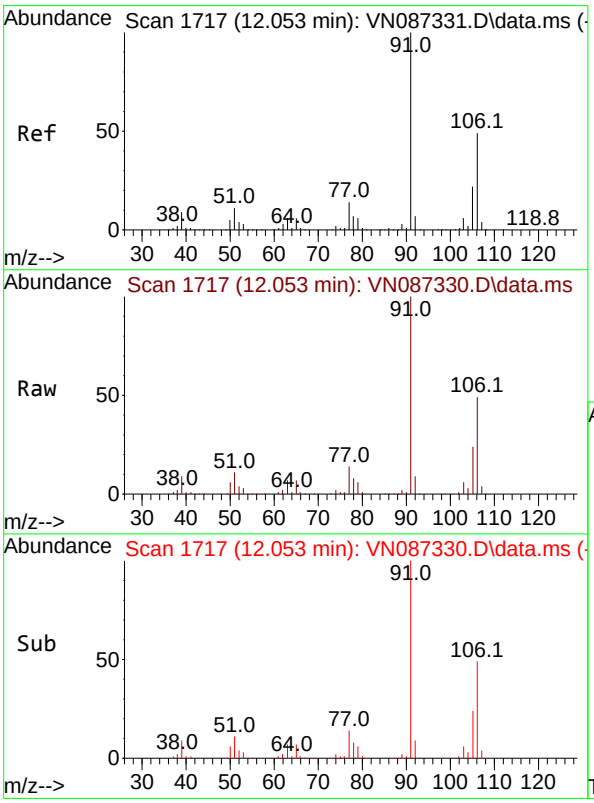
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

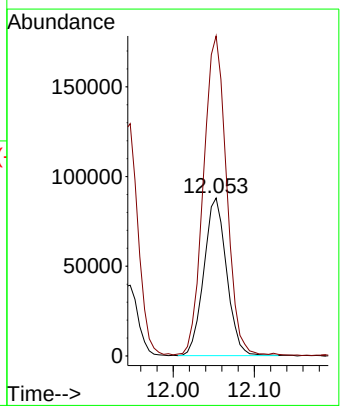


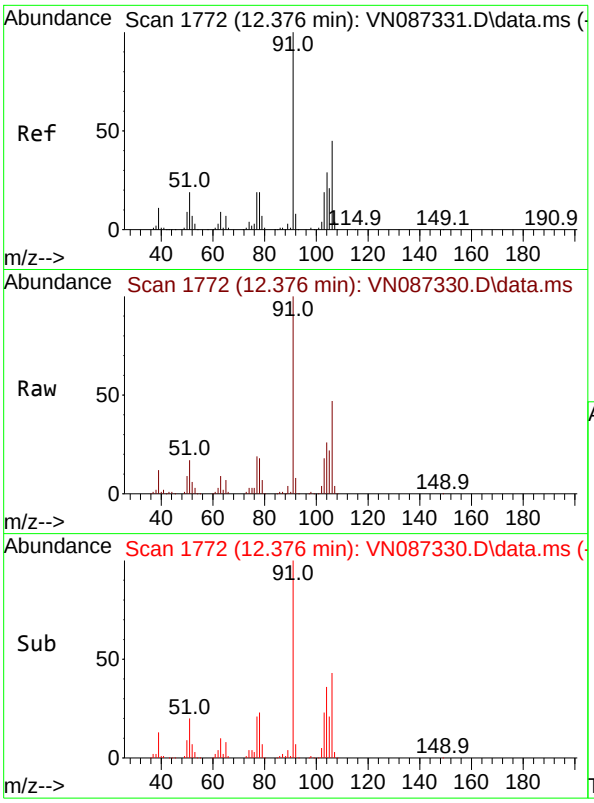


#68
m/p-Xylenes
Concen: 41.473 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:106 Resp: 170590

Ion	Ratio	Lower	Upper
106	100		
91	205.1	162.0	243.0





#69
o-Xylene
Concen: 21.230 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

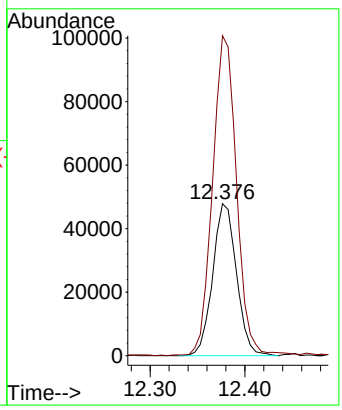
Tgt Ion:106 Resp: 8341

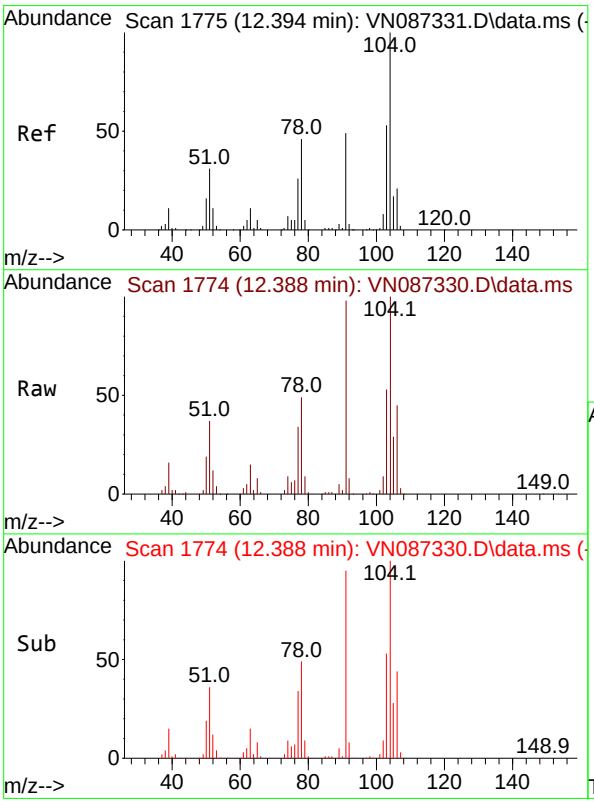
Ion	Ratio	Lower	Upper
106	100		
91	212.7	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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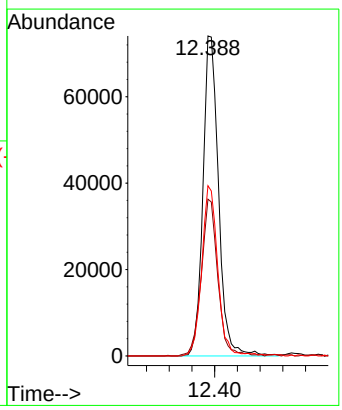


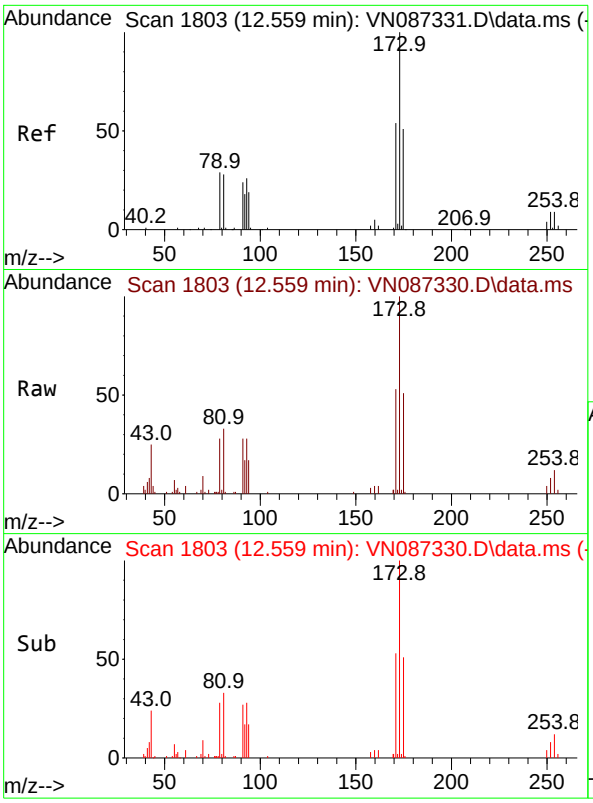


#70
Styrene
Concen: 21.323 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:104 Resp: 140937

Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.0	61.6
103	54.8	43.9	65.9

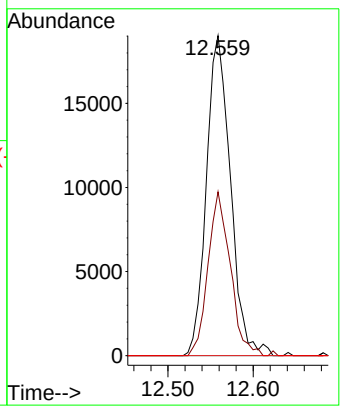




#71
Bromoform
Concen: 20.383 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:173 Resp: 3736

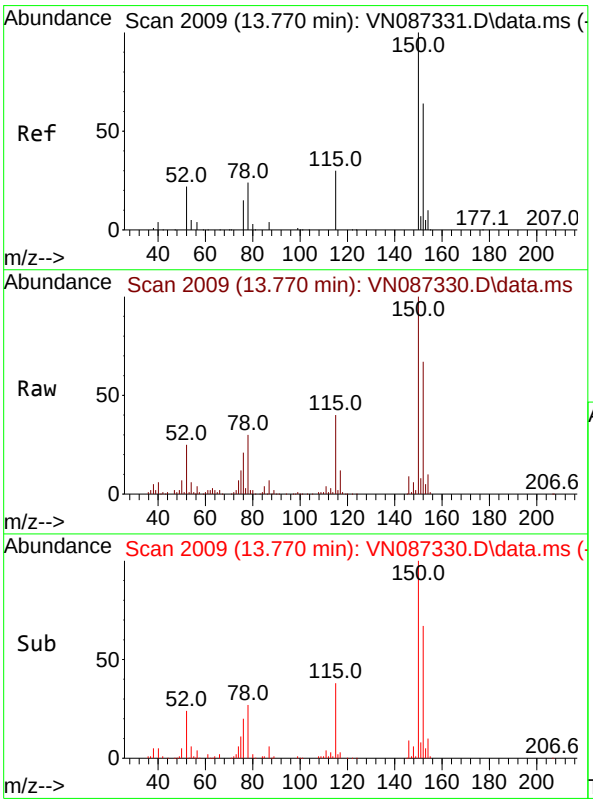
Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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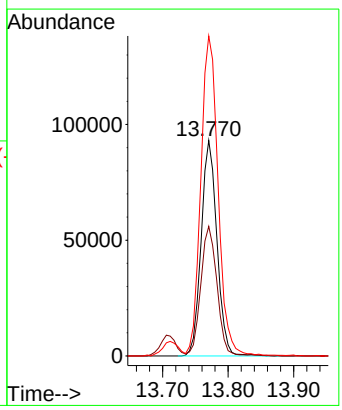
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

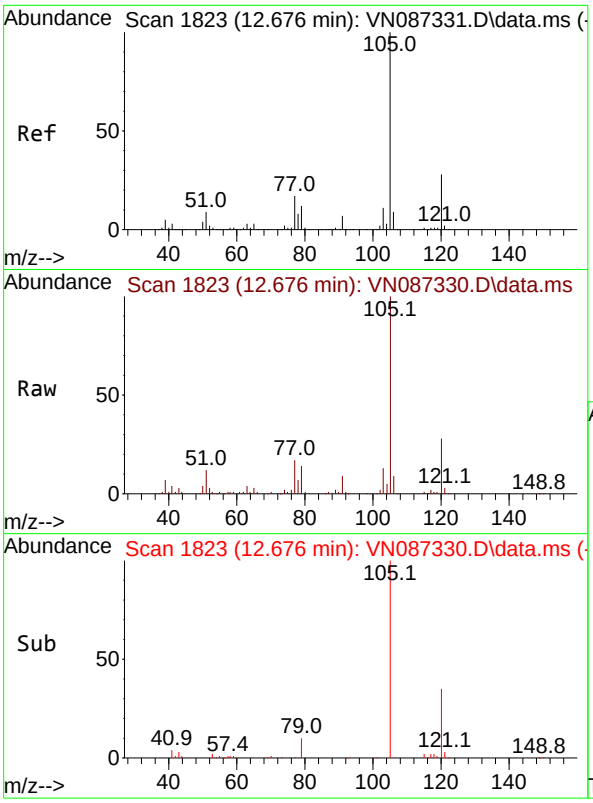


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:152 Resp: 156249

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.1	93.5
150	162.0	0.0	349.0





#73
Isopropylbenzene
Concen: 20.601 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

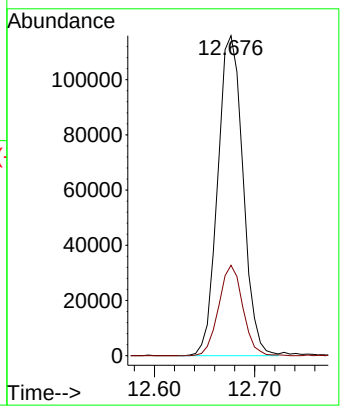
Tgt Ion:105 Resp: 20259

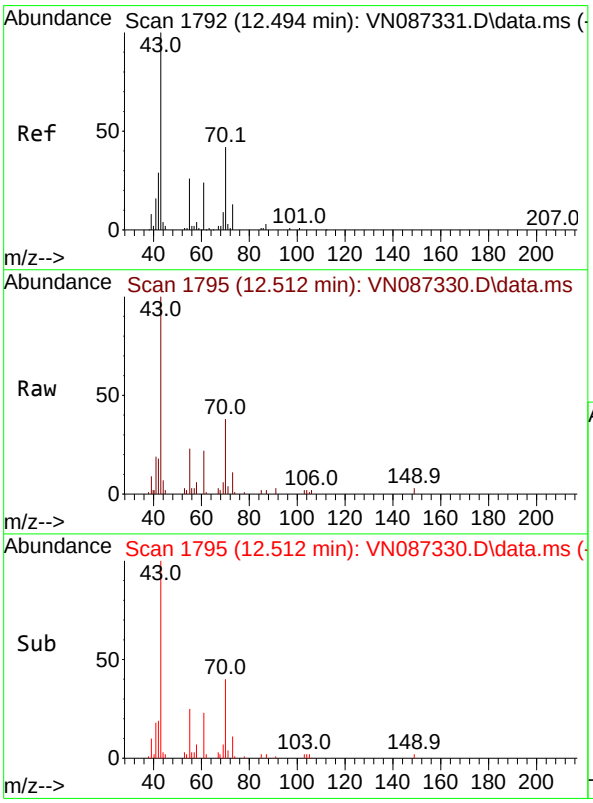
Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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Supervised By :Semsettin Yesilyurt 07/17/2025

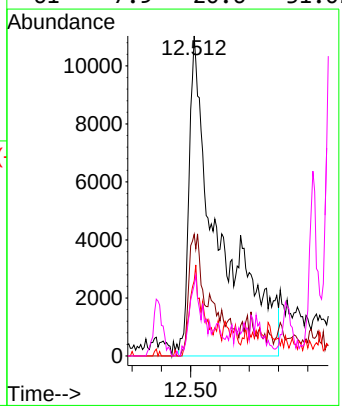


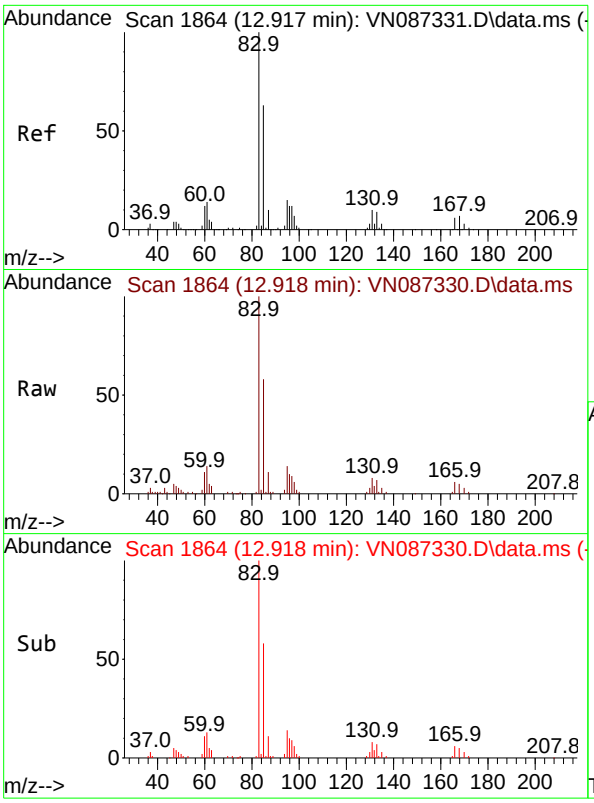


#74
N-amyl acetate
Concen: 20.334 ug/l m
RT: 12.512 min Scan# 1795
Delta R.T. 0.018 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 43 Resp: 78074

Ion	Ratio	Lower	Upper
43	100		
70	17.4	37.6	56.4#
55	12.3	19.6	29.4#
61	7.9	20.6	31.0#

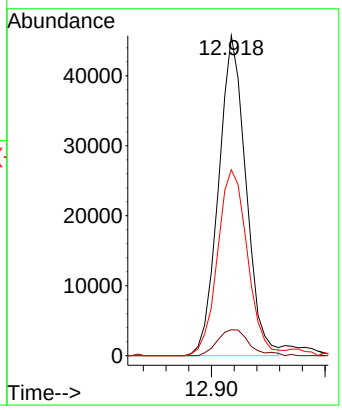




#75
1,1,2,2-Tetrachloroethane
Concen: 20.733 ug/l
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 83 Resp: 7672

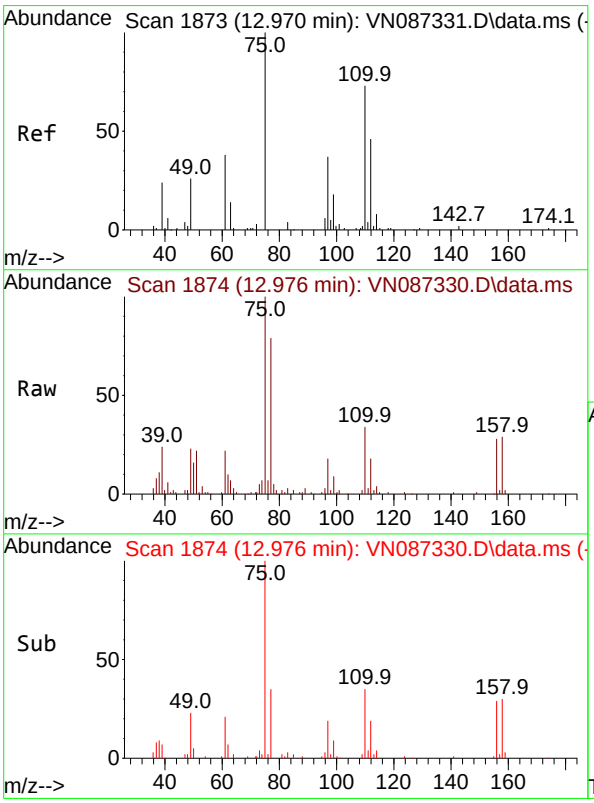
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.1	15.3
85	63.6	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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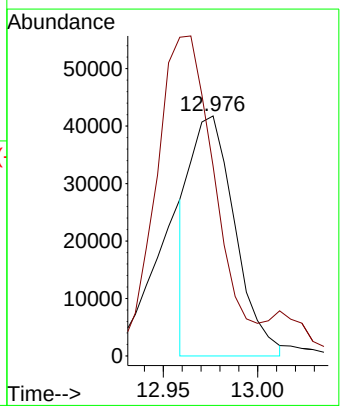
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

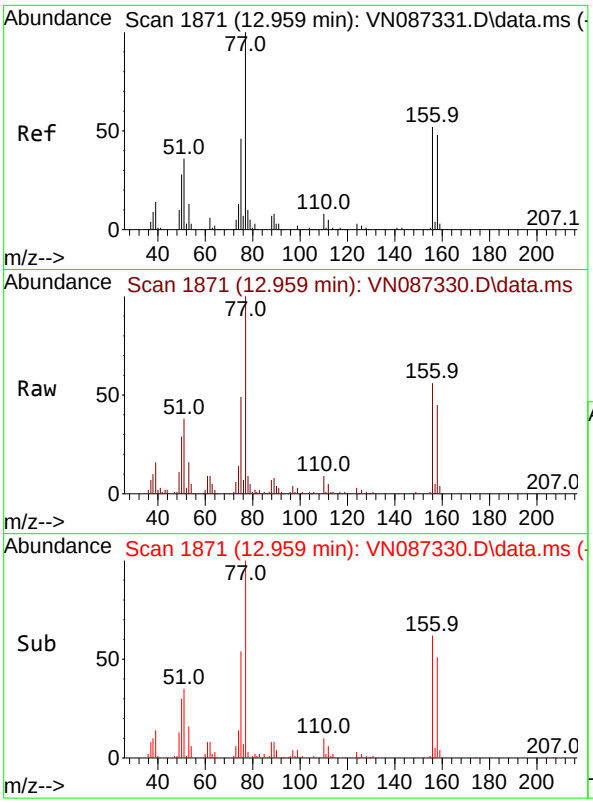


#76
1,2,3-Trichloropropane
Concen: 19.858 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 68839

Ion	Ratio	Lower	Upper
75	100		
77	176.6	94.5	283.6

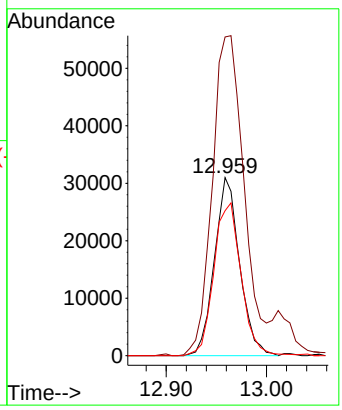




#77
Bromobenzene
Concen: 21.127 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:156 Resp: 5388

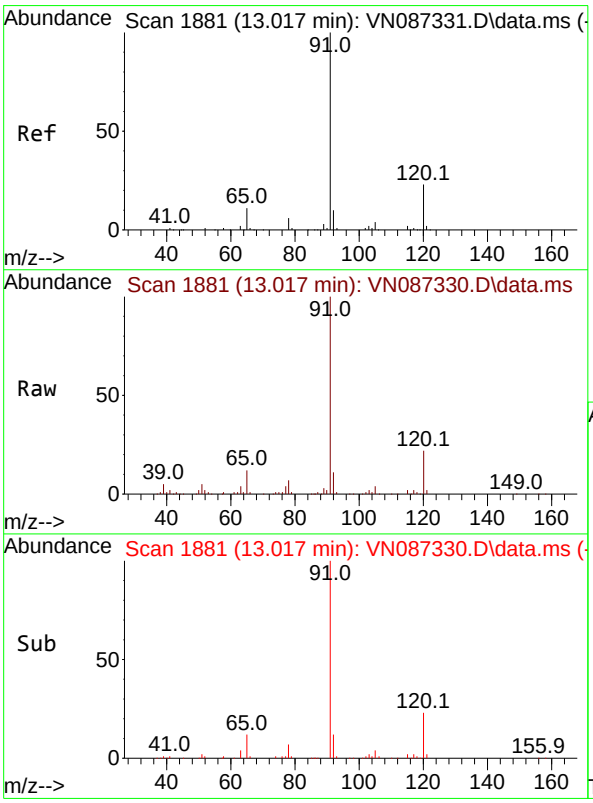
Ion	Ratio	Lower	Upper
156	100		
77	225.6	114.9	344.6
158	93.0	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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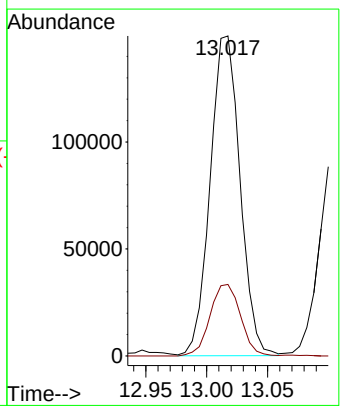
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

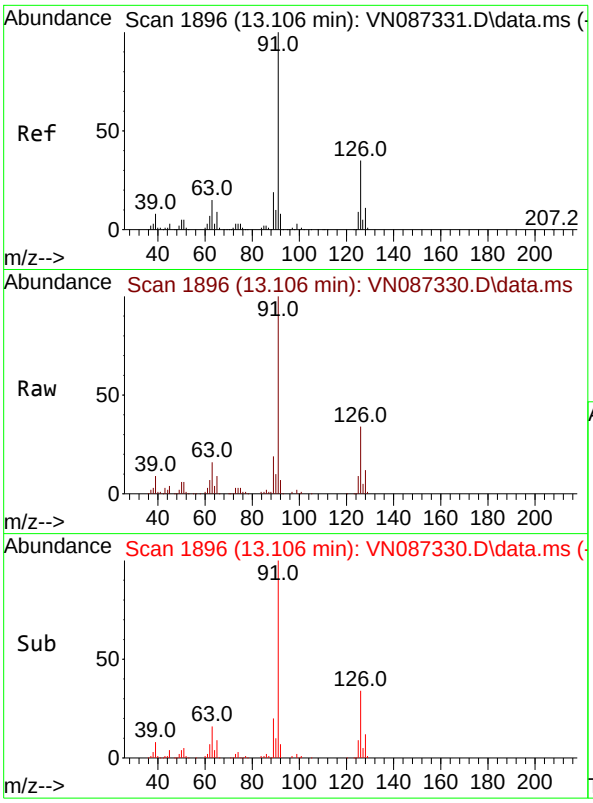


#78
n-propylbenzene
Concen: 20.656 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 91 Resp: 255577

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8

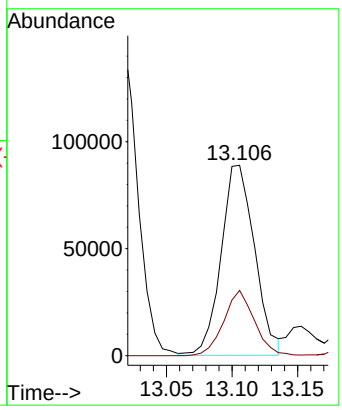




#79
2-Chlorotoluene
Concen: 20.836 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 91 Resp: 15843

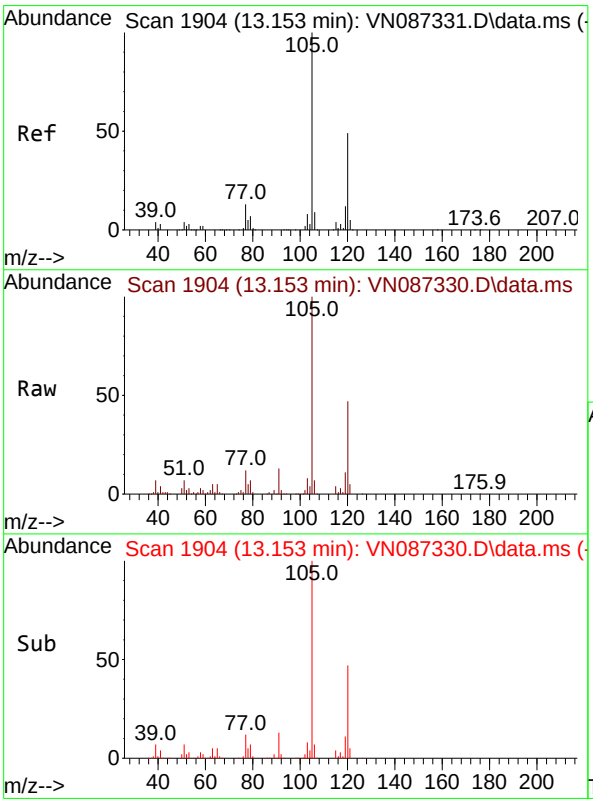
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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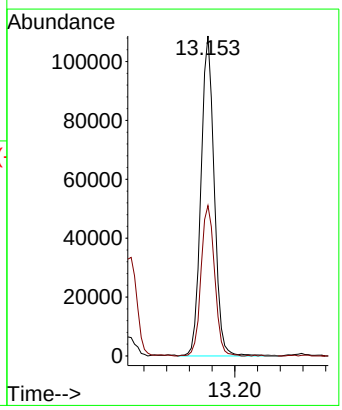
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

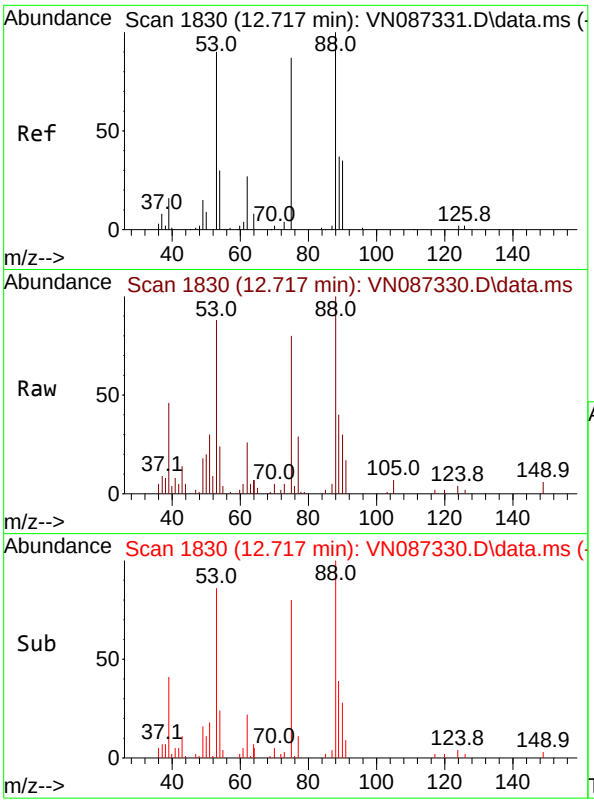


#80
1,3,5-Trimethylbenzene
Concen: 21.006 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:105 Resp: 176006

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.8

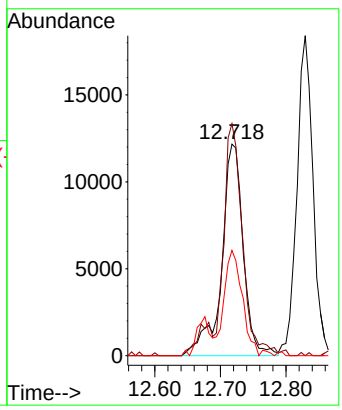




#81
trans-1,4-Dichloro-2-butene
Concen: 21.846 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 2797

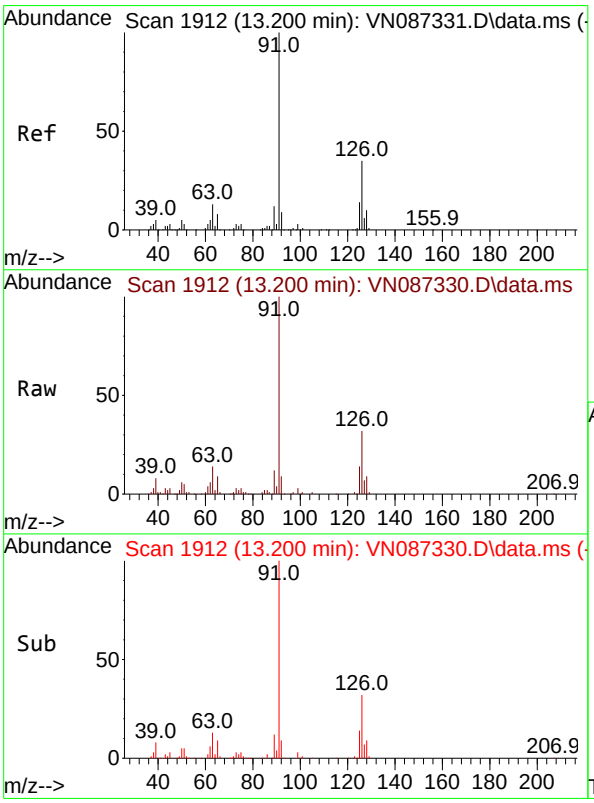
Ion	Ratio	Lower	Upper
75	100		
53	93.5	83.5	125.3
89	42.7	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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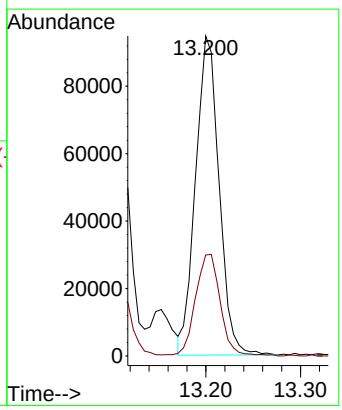
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

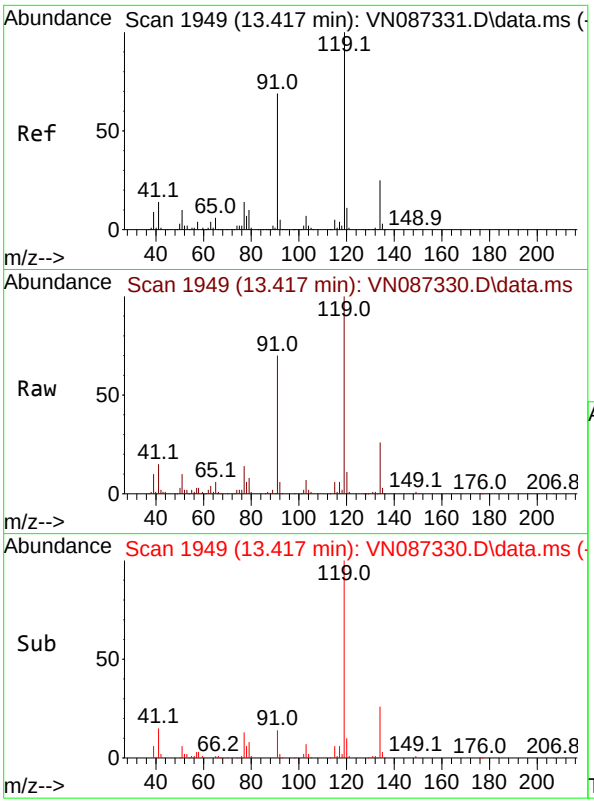


#82
4-Chlorotoluene
Concen: 20.667 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 91 Resp: 163615

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7

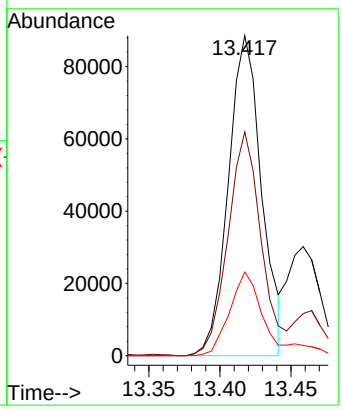




#83
tert-Butylbenzene
Concen: 20.571 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:119 Resp: 14395

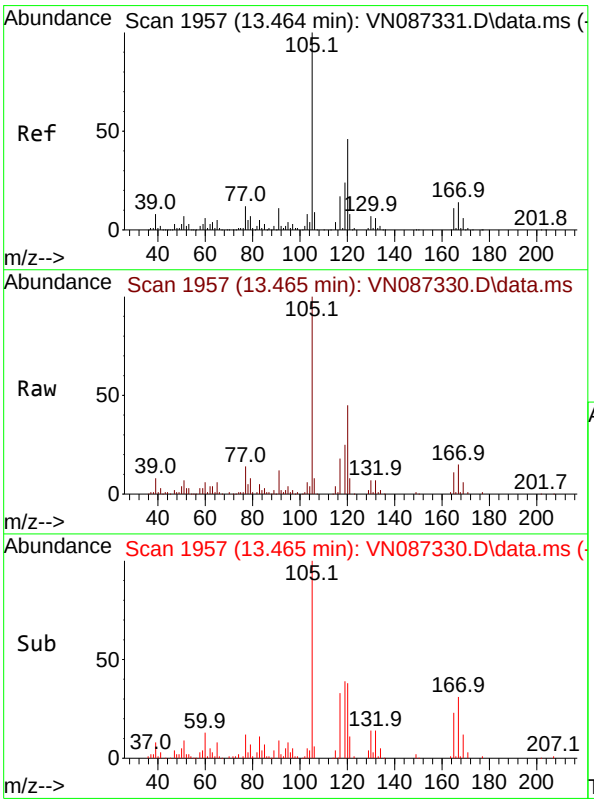
Ion	Ratio	Lower	Upper
119	100		
91	70.2	35.0	105.1
134	27.9	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

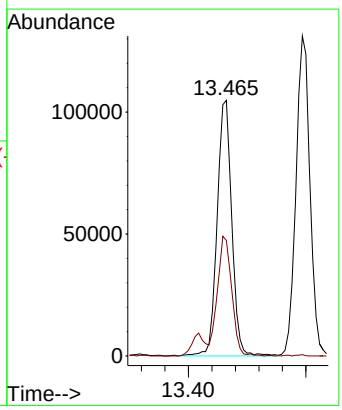
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

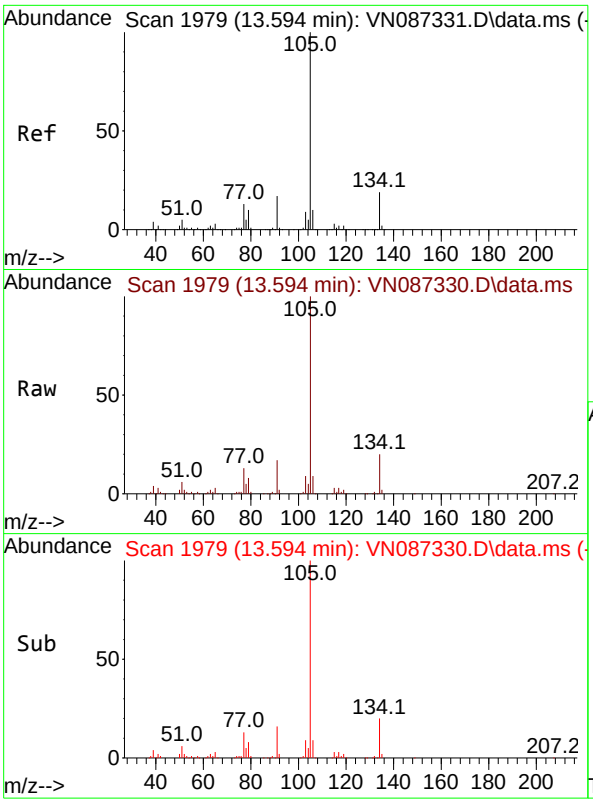


#84
1,2,4-Trimethylbenzene
Concen: 21.226 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:105 Resp: 181623

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3





#85
sec-Butylbenzene
Concen: 20.516 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

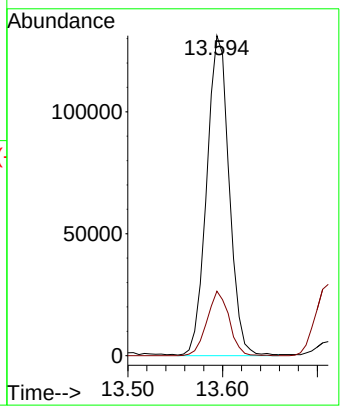
Tgt Ion:105 Resp: 21625

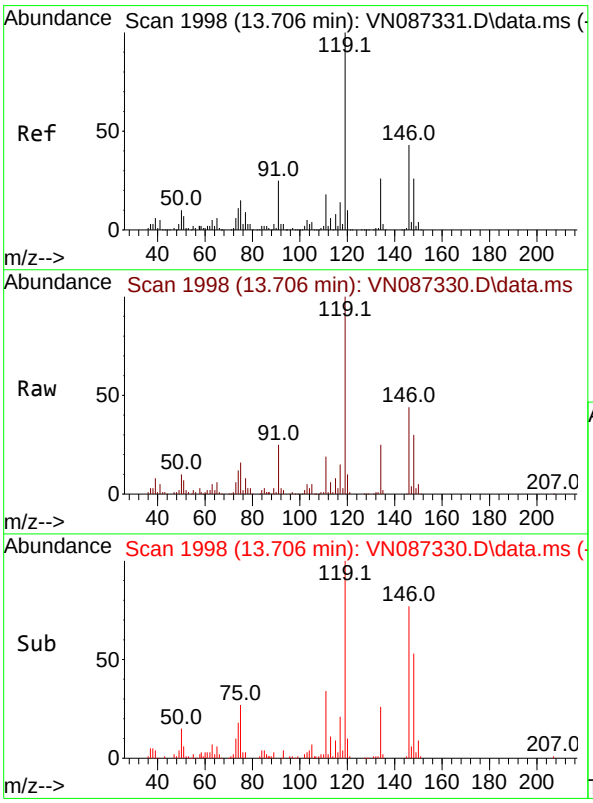
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

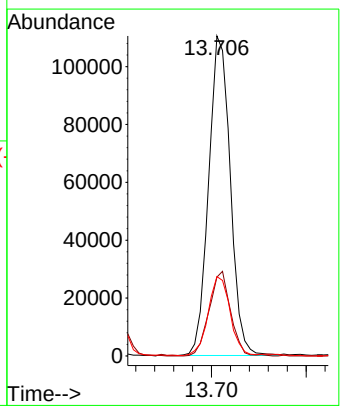


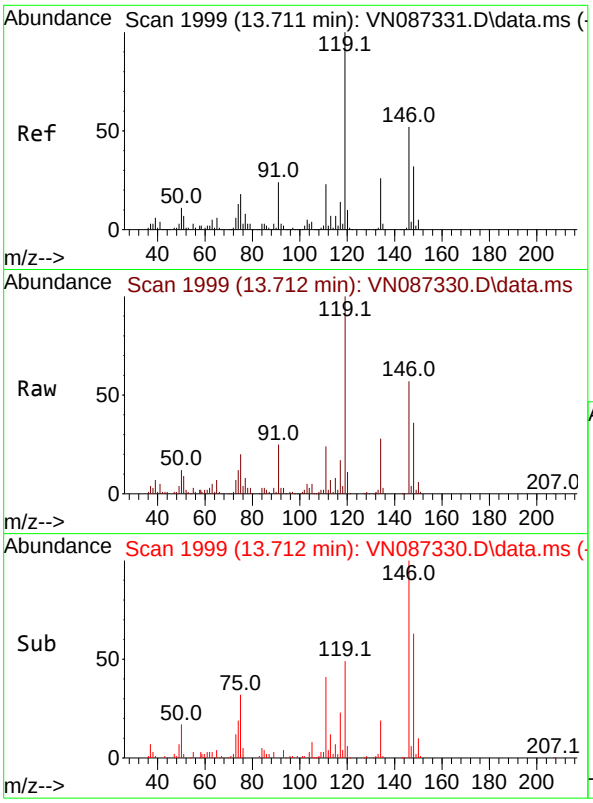


#86
p-Isopropyltoluene
Concen: 20.758 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:119 Resp: 175352

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.5
91	25.0	12.2	36.6

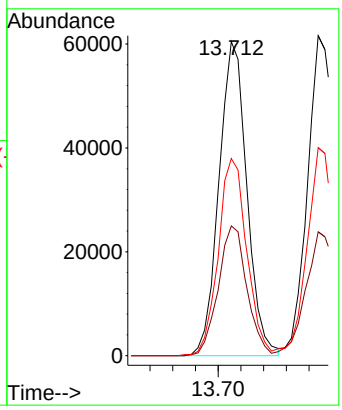




#87
1,3-Dichlorobenzene
Concen: 20.609 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:146 Resp: 10315

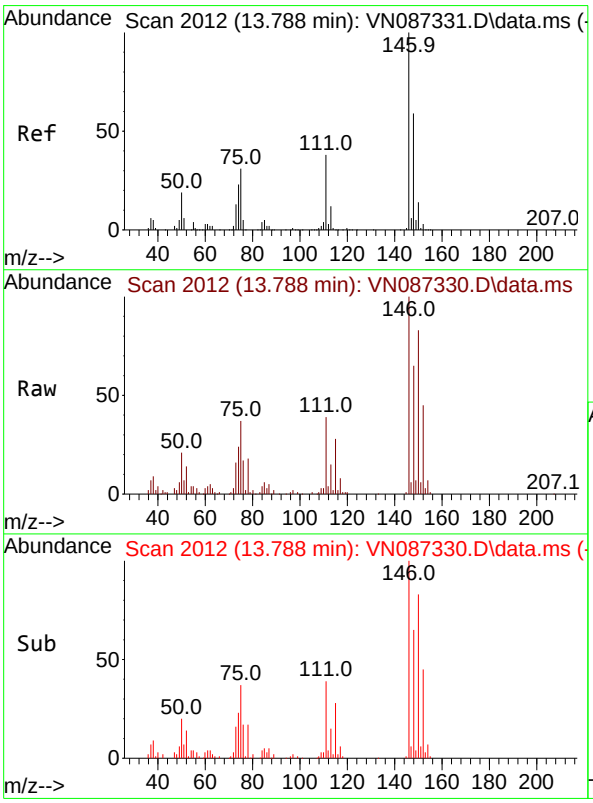
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.3
148	63.9	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

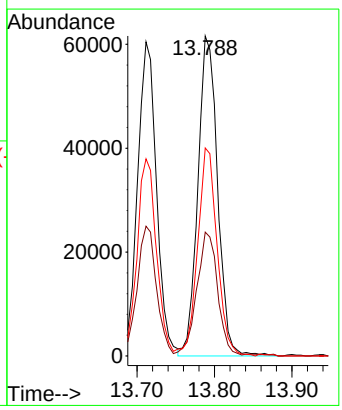
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

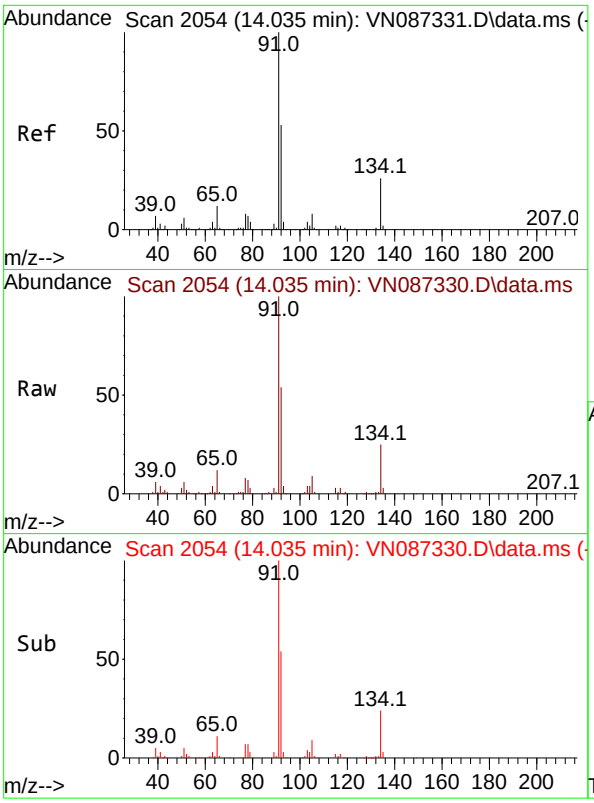


#88
1,4-Dichlorobenzene
Concen: 20.370 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:146 Resp: 108898

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.7
148	63.9	31.4	94.0

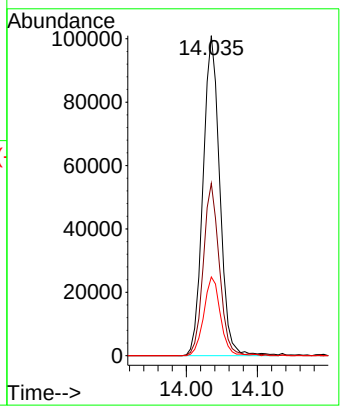




#89
n-Butylbenzene
Concen: 20.516 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 91 Resp: 16548

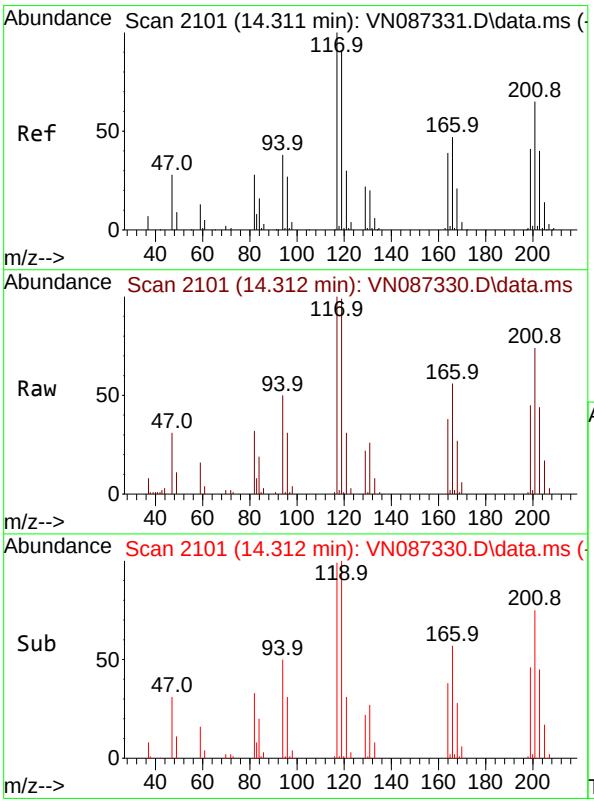
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.2	78.6
134	24.5	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

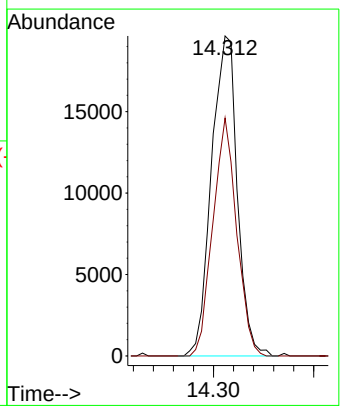
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

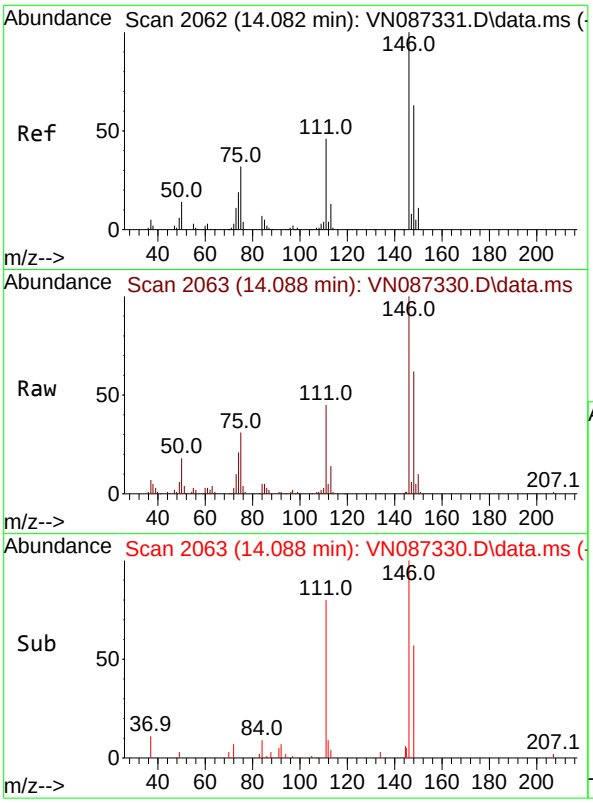


#90
Hexachloroethane
Concen: 19.615 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:117 Resp: 35108

Ion	Ratio	Lower	Upper
117	100		
201	68.6	32.8	98.4

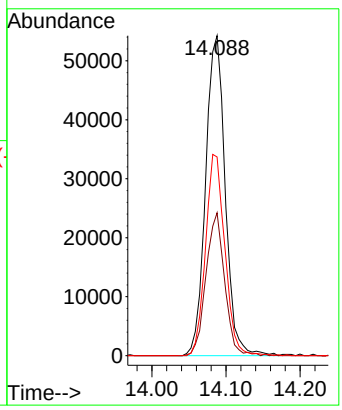




#91
1,2-Dichlorobenzene
Concen: 21.036 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:146 Resp: 9975

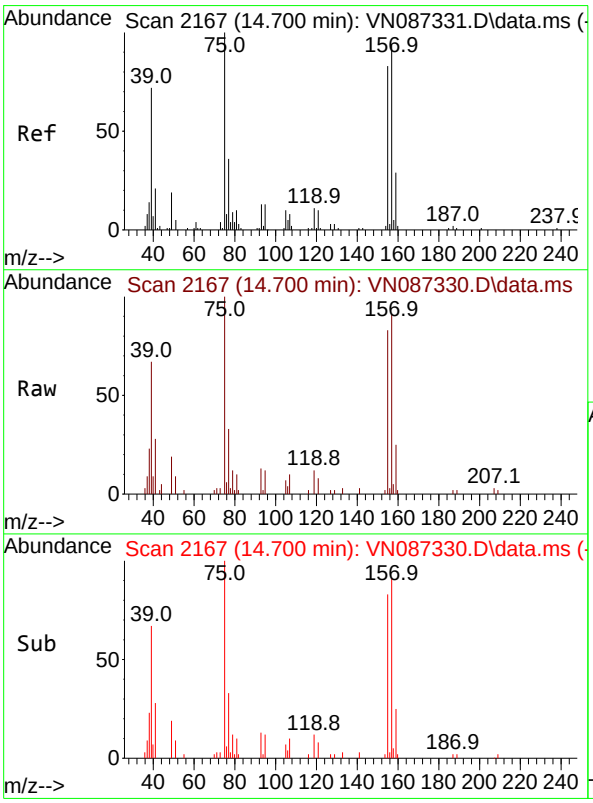
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.0	66.0
148	62.0	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

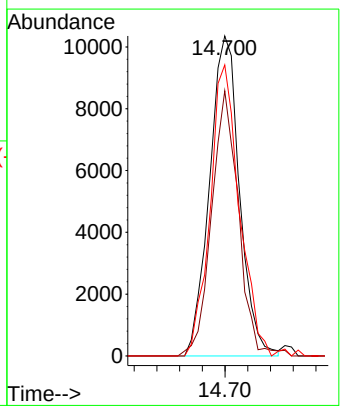
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

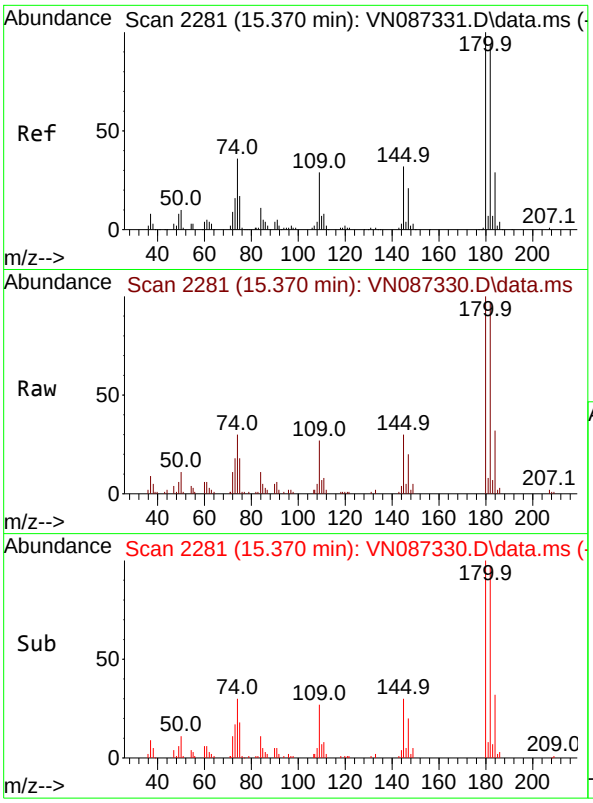


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.573 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion: 75 Resp: 19015

Ion	Ratio	Lower	Upper
75	100		
155	74.2	37.3	111.8
157	89.0	46.2	138.6

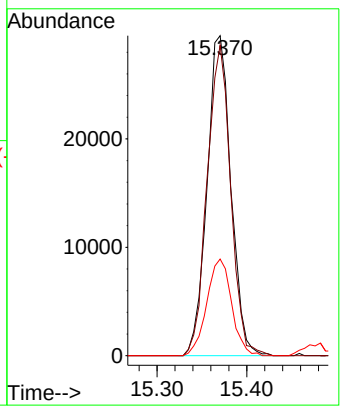




#93
1,2,4-Trichlorobenzene
Concen: 19.643 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:180 Resp: 5471

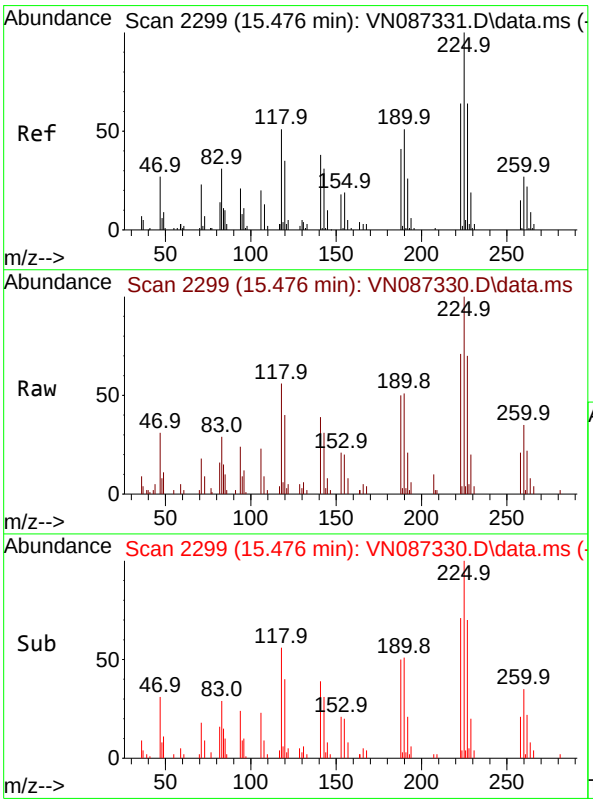
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	31.3	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

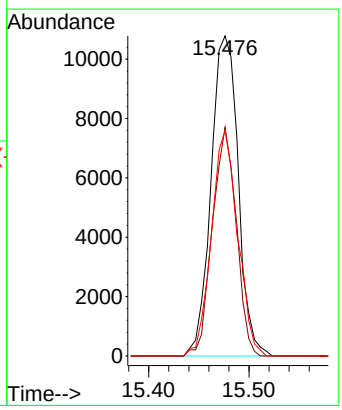
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

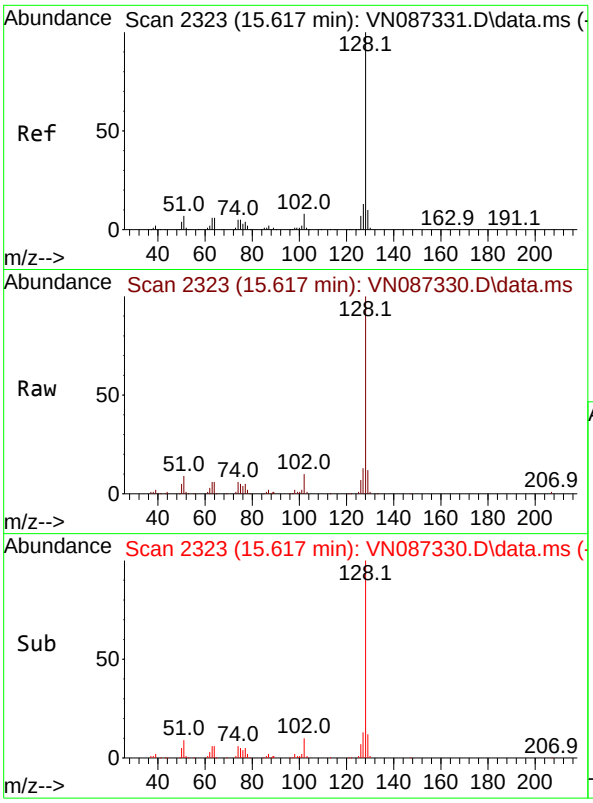


#94
Hexachlorobutadiene
Concen: 19.563 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:225 Resp: 20248

Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.3
227	68.0	31.3	93.9

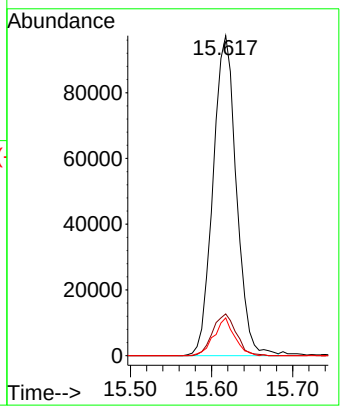




#95
Naphthalene
Concen: 19.718 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:128 Resp: 19457

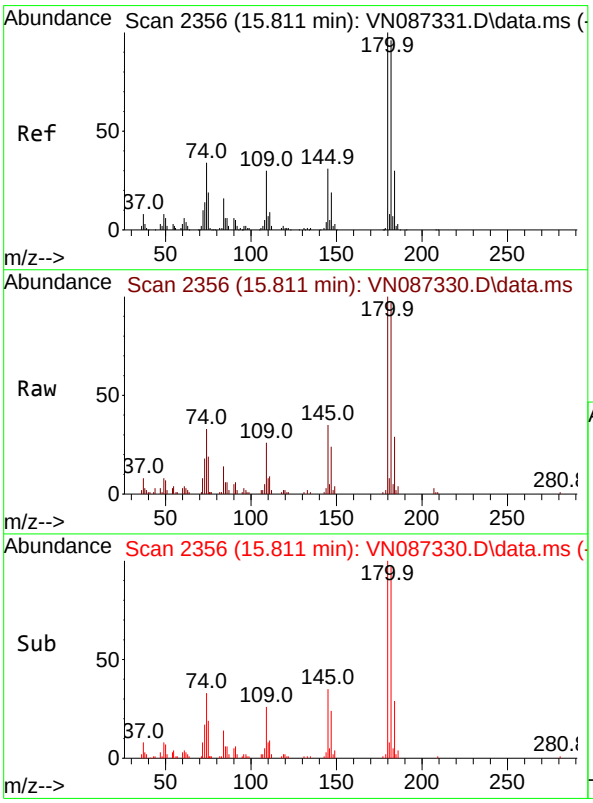
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.5	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

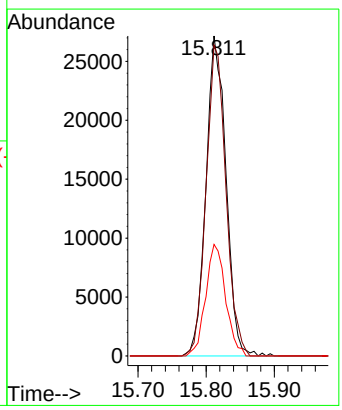
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.850 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087330.D
Acq: 16 Jul 2025 17:49

Tgt Ion:180 Resp: 55463

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.4
145	34.8	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	182792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	325711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	300150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	146559	47.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.500%			
35) Dibromofluoromethane	8.147	113	108271	48.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	10.547	98	398776	49.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.829	95	148158	50.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	113853	58.643	ug/l	100
3) Chloromethane	2.383	50	126054	51.631	ug/l	100
4) Vinyl Chloride	2.542	62	132985	54.810	ug/l	100
5) Bromomethane	2.971	94	64982	51.719	ug/l	100
6) Chloroethane	3.130	64	80606	50.942	ug/l	100
7) Trichlorofluoromethane	3.506	101	187302	52.206	ug/l	100
8) Diethyl Ether	3.959	74	72151	51.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	95895	52.068	ug/l	100
10) Methyl Iodide	4.577	142	90277	47.912	ug/l	100
11) Tert butyl alcohol	5.524	59	146939	249.504	ug/l	100
12) 1,1-Dichloroethene	4.330	96	99569	47.708	ug/l	100
13) Acrolein	4.177	56	110711	234.247	ug/l	100
14) Allyl chloride	5.012	41	183089	48.475	ug/l	100
15) Acrylonitrile	5.712	53	414273	259.227	ug/l	100
16) Acetone	4.424	43	353373	240.328	ug/l	100
17) Carbon Disulfide	4.694	76	316833	51.205	ug/l	100
18) Methyl Acetate	5.012	43	181199	49.594	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	396133	51.495	ug/l	100
20) Methylene Chloride	5.259	84	122921	50.001	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	119278	50.687	ug/l	100
22) Diisopropyl ether	6.665	45	417843	52.740	ug/l	100
23) Vinyl Acetate	6.588	43	1931809	278.796	ug/l	100
24) 1,1-Dichloroethane	6.553	63	223298	48.853	ug/l	100
25) 2-Butanone	7.471	43	588032	261.702	ug/l	100
26) 2,2-Dichloropropane	7.471	77	179431	50.492	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	140194	51.746	ug/l	100
28) Bromochloromethane	7.800	49	108748	49.713	ug/l	100
29) Tetrahydrofuran	7.829	42	388704	266.294	ug/l	100
30) Chloroform	7.953	83	233747	51.092	ug/l	100
31) Cyclohexane	8.241	56	191116	50.122	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	198135	50.002	ug/l	100
36) 1,1-Dichloropropene	8.353	75	158563	53.418	ug/l	100
37) Ethyl Acetate	7.547	43	230005	53.652	ug/l	100
38) Carbon Tetrachloride	8.347	117	168403	51.501	ug/l	100
39) Methylcyclohexane	9.582	83	172297	53.614	ug/l	100
40) Benzene	8.594	78	505723	52.714	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	119895	53.486	ug/l		100
42) 1,2-Dichloroethane	8.653	62	184670	50.759	ug/l		100
43) Isopropyl Acetate	8.677	43	348709	52.399	ug/l		100
44) Trichloroethene	9.335	130	115974	51.160	ug/l		100
45) 1,2-Dichloropropane	9.606	63	128530	52.726	ug/l		100
46) Dibromomethane	9.688	93	94179	51.601	ug/l		100
47) Bromodichloromethane	9.871	83	185222	50.382	ug/l		100
48) Methyl methacrylate	9.665	41	164476	54.899	ug/l		100
49) 1,4-Dioxane	9.682	88	52072	1134.802	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.429	43	1122857	266.771	ug/l		100
52) Toluene	10.612	92	313806	53.814	ug/l		100
53) t-1,3-Dichloropropene	10.818	75	202129	54.327	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	205720	53.529	ug/l		100
55) 1,1,2-Trichloroethane	11.000	97	119612	50.666	ug/l		100
56) Ethyl methacrylate	10.859	69	204376	51.427	ug/l		100
57) 1,3-Dichloropropane	11.141	76	213343	52.267	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	562790	290.607	ug/l		100
59) 2-Hexanone	11.182	43	806824	288.920	ug/l		100
60) Dibromochloromethane	11.341	129	139955	51.982	ug/l		100
61) 1,2-Dibromoethane	11.453	107	125416	50.525	ug/l		100
64) Tetrachloroethene	11.088	164	96176	49.786	ug/l		100
65) Chlorobenzene	11.870	112	335833	49.837	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	117833	51.425	ug/l		100
67) Ethyl Benzene	11.947	91	582851	52.540	ug/l		100
68) m/p-Xylenes	12.053	106	455017	109.536	ug/l		100
69) o-Xylene	12.376	106	217121	54.717	ug/l		100
70) Styrene	12.394	104	376745	56.440	ug/l		100
71) Bromoform	12.559	173	98549	53.237	ug/l	#	100
73) Isopropylbenzene	12.676	105	538245	53.964	ug/l		100
74) N-amyl acetate	12.494	43	180343m	46.310	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	191273	50.964	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	188824m	53.705	ug/l		
77) Bromobenzene	12.959	156	137669	53.221	ug/l		100
78) n-propylbenzene	13.017	91	680506	54.227	ug/l		100
79) 2-Chlorotoluene	13.106	91	401444	52.051	ug/l		100
80) 1,3,5-Trimethylbenzene	13.153	105	464063	54.607	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.717	75	63993	49.271	ug/l		100
82) 4-Chlorotoluene	13.200	91	419474	52.240	ug/l		100
83) tert-Butylbenzene	13.417	119	383986	54.099	ug/l		100
84) 1,2,4-Trimethylbenzene	13.464	105	475982	54.846	ug/l		100
85) sec-Butylbenzene	13.594	105	565038	52.851	ug/l		100
86) p-Isopropyltoluene	13.706	119	473942	55.316	ug/l		100
87) 1,3-Dichlorobenzene	13.711	146	262675	51.740	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	269881	49.773	ug/l		100
89) n-Butylbenzene	14.035	91	437514	53.478	ug/l		100
90) Hexachloroethane	14.311	117	91313	50.301	ug/l		100
91) 1,2-Dichlorobenzene	14.082	146	249988	51.977	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47931	48.643	ug/l		100
93) 1,2,4-Trichlorobenzene	15.370	180	148472	52.553	ug/l		100
94) Hexachlorobutadiene	15.476	225	52130	49.659	ug/l		100
95) Naphthalene	15.617	128	545367	54.490	ug/l		100
96) 1,2,3-Trichlorobenzene	15.811	180	146080	51.547	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087331.D
Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

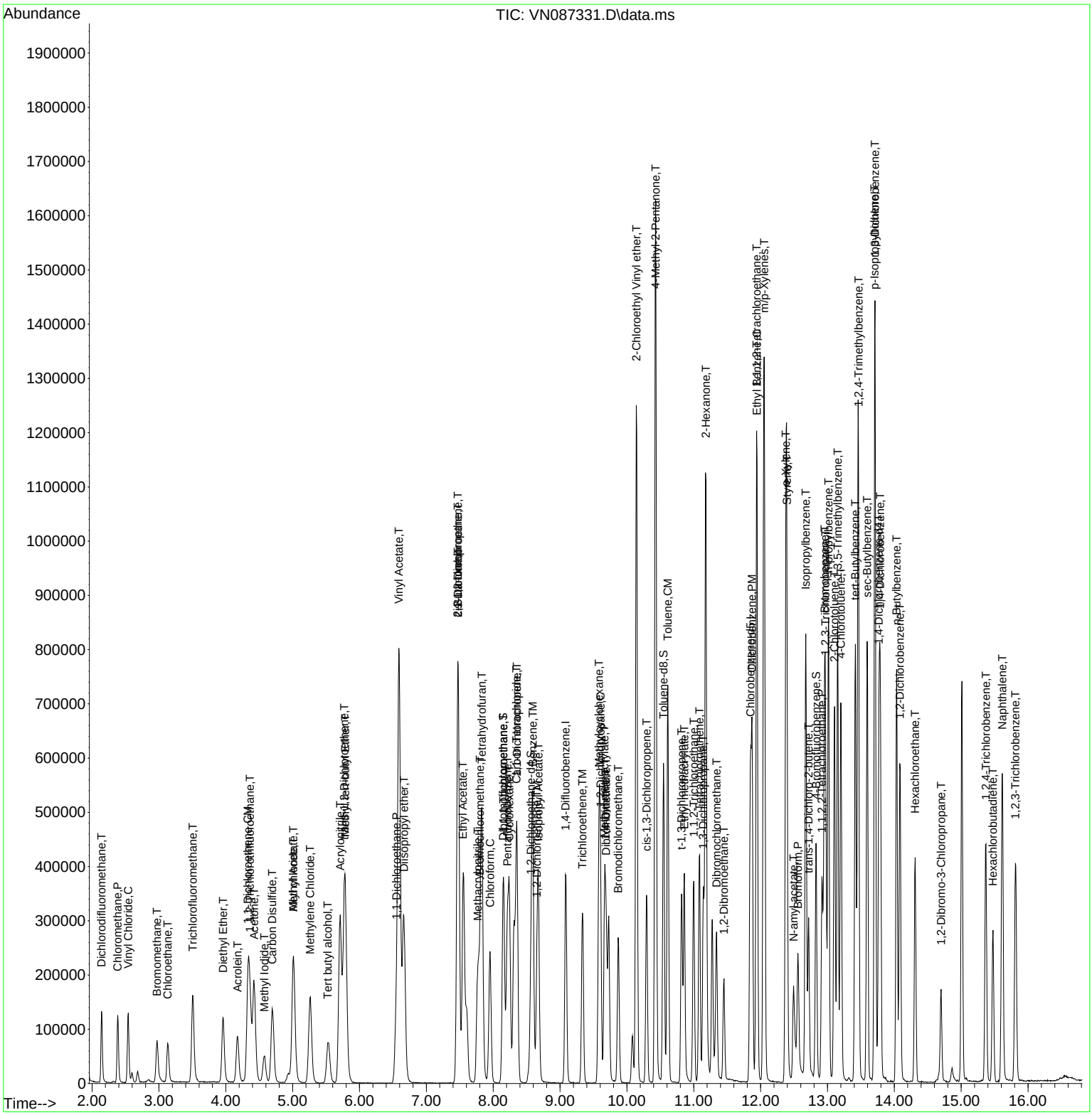
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Acq On : 16 Jul 2025 18:11
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

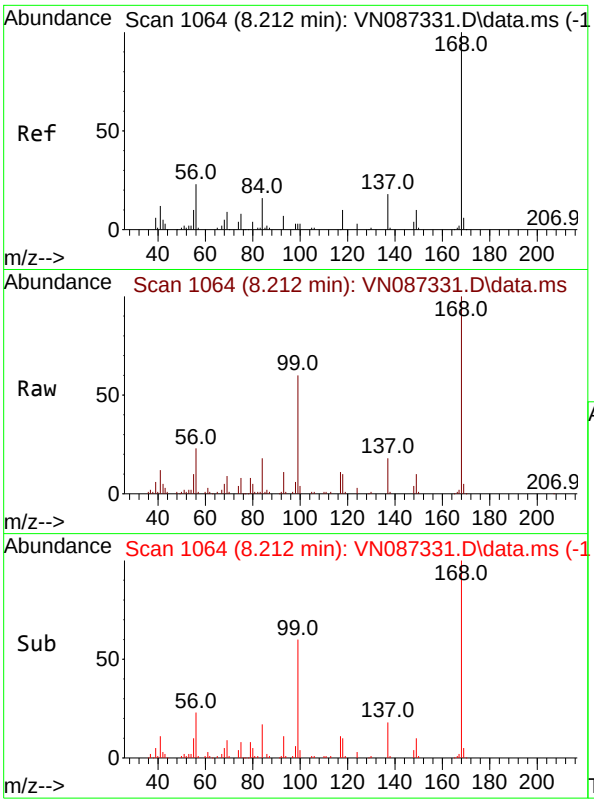
Quant Time: Jul 17 02:19:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

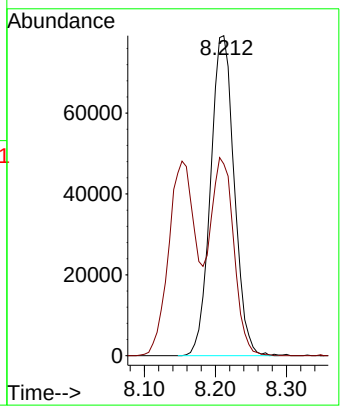




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:168 Resp: 18279

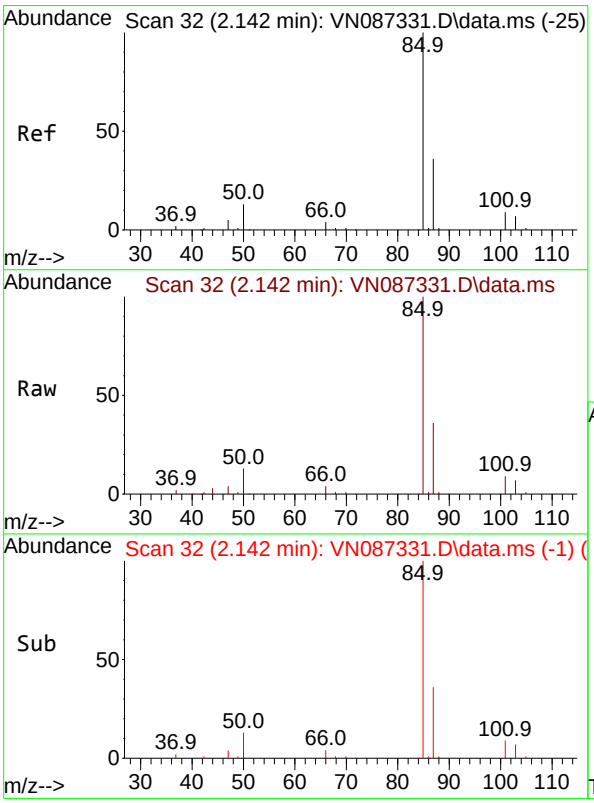
Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

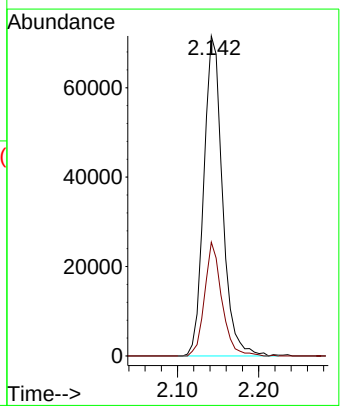
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

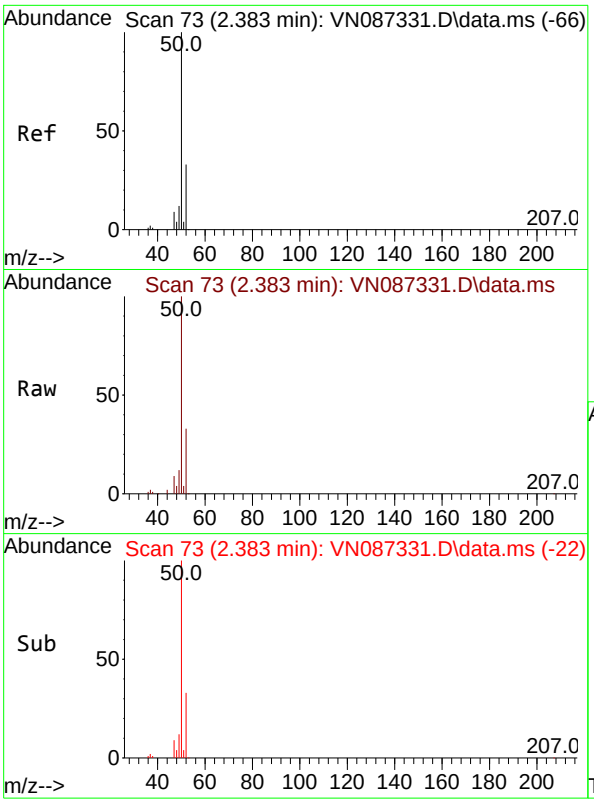


#2
Dichlorodifluoromethane
Concen: 58.643 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 85 Resp: 113853

Ion	Ratio	Lower	Upper
85	100		
87	35.5	17.8	53.3

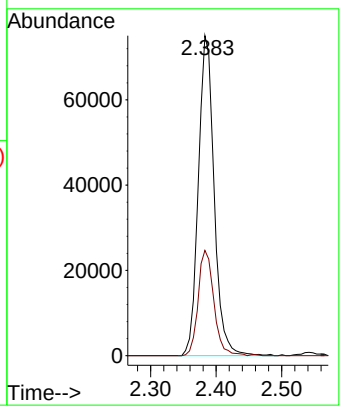




#3
Chloromethane
Concen: 51.631 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 50 Resp: 12605

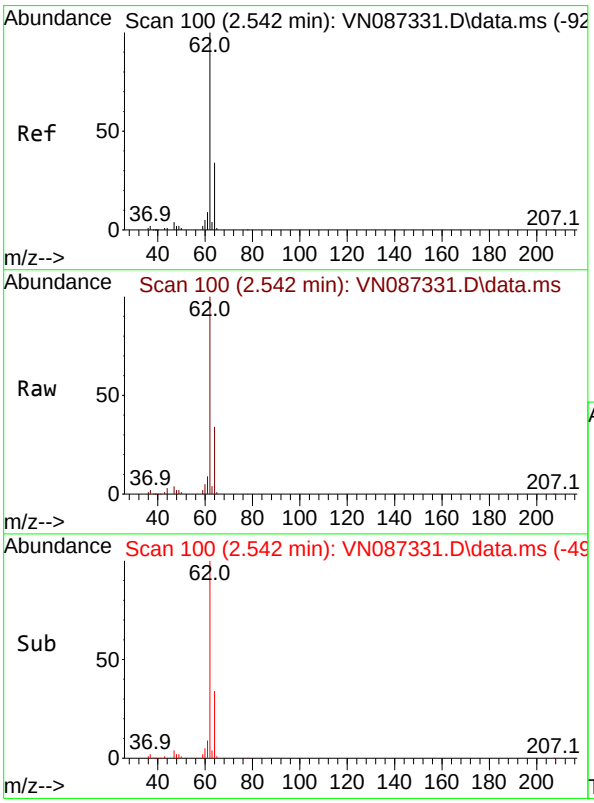
Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

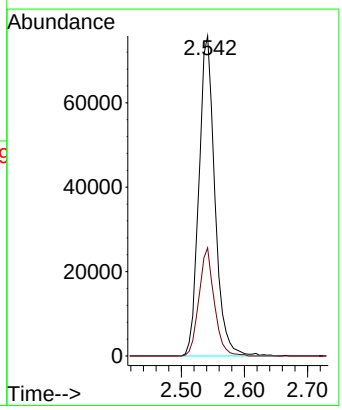
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

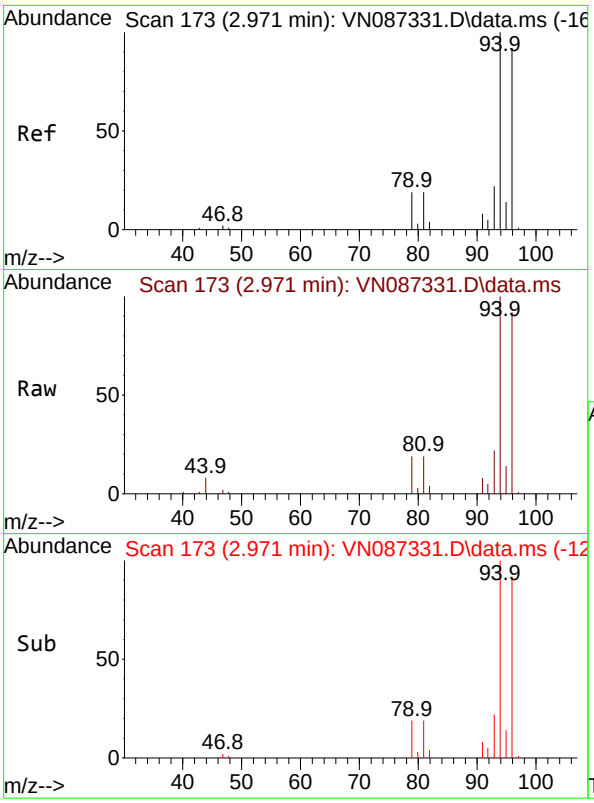


#4
Vinyl Chloride
Concen: 54.810 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 62 Resp: 132985

Ion	Ratio	Lower	Upper
62	100		
64	33.8	27.0	40.6

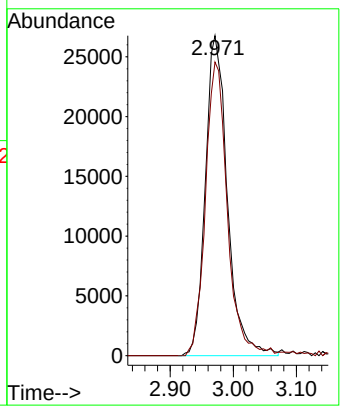




#5
Bromomethane
Concen: 51.719 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 94 Resp: 6498

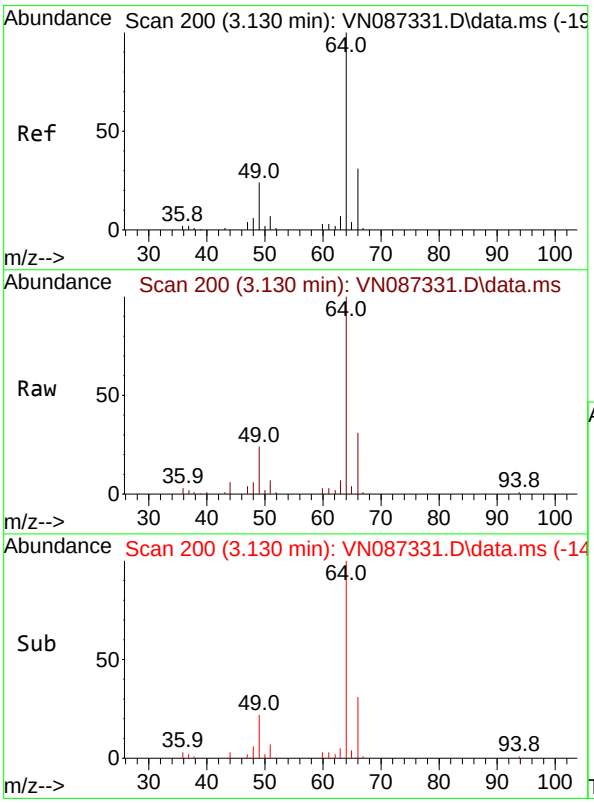
Ion	Ratio	Lower	Upper
94	100		
96	91.8	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

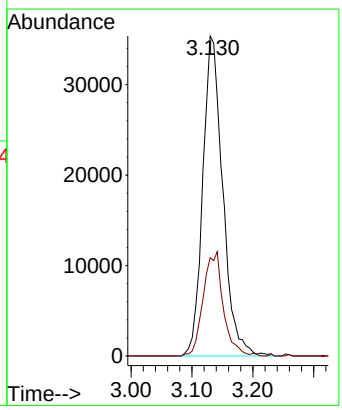
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

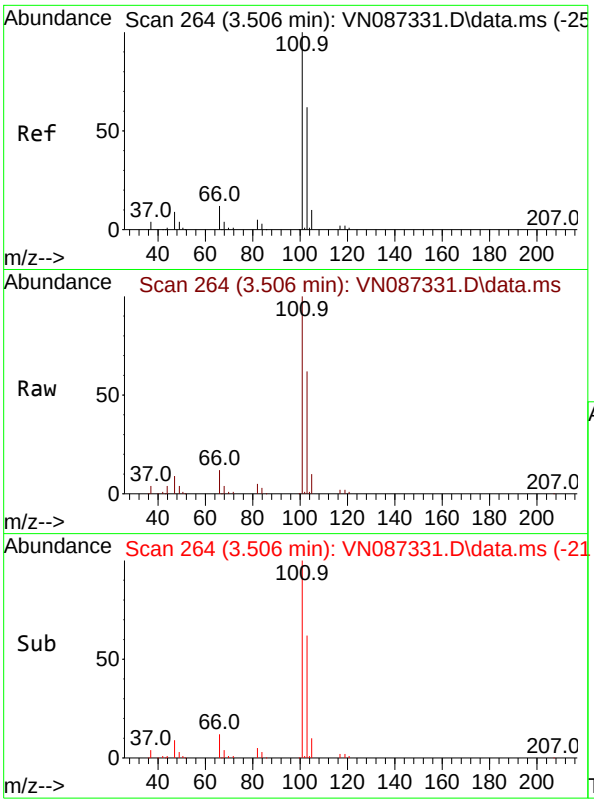


#6
Chloroethane
Concen: 50.942 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 64 Resp: 80606

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8

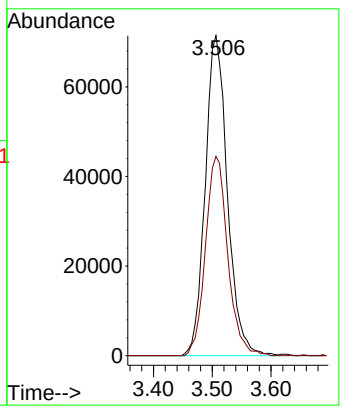




#7
Trichlorofluoromethane
Concen: 52.206 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:101 Resp: 18730

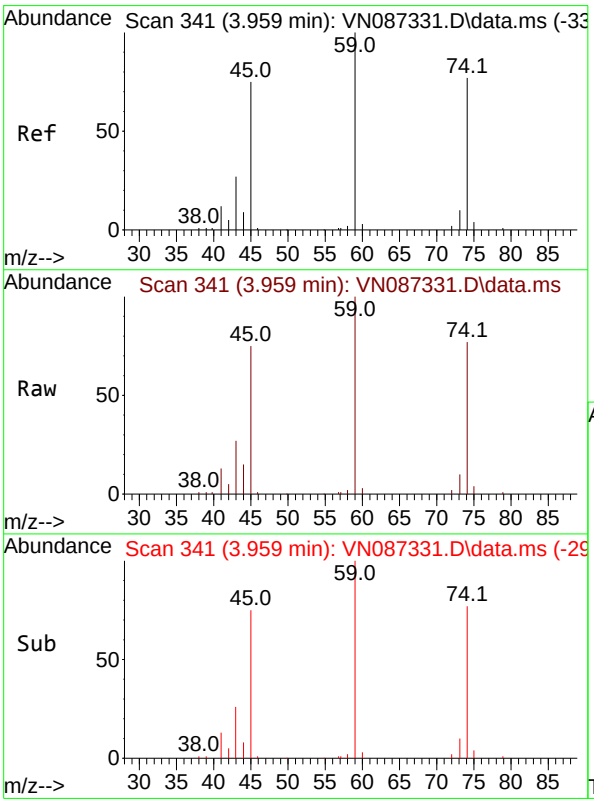
Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

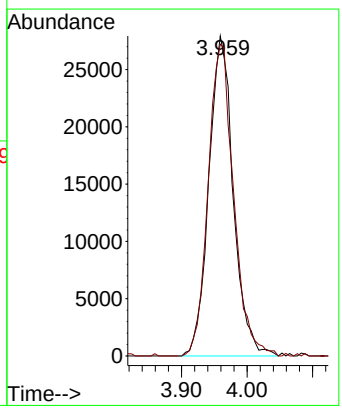
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

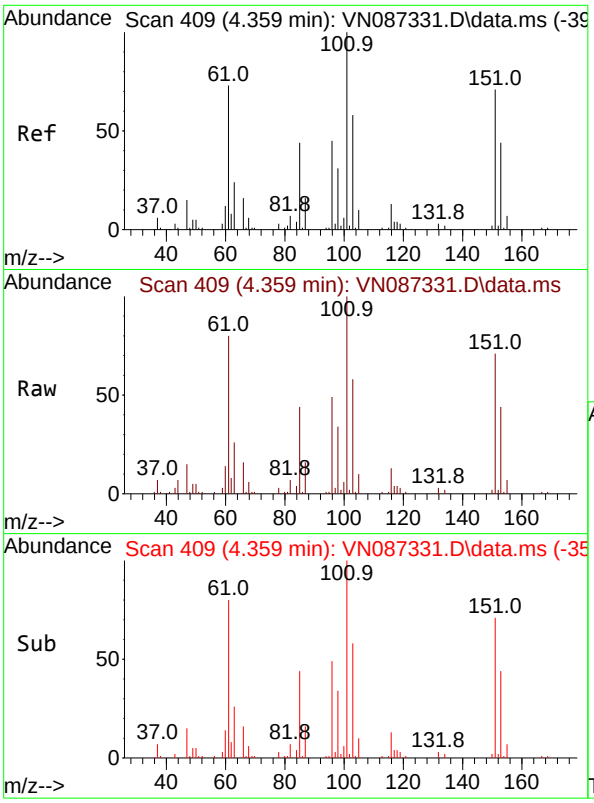


#8
Diethyl Ether
Concen: 51.843 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 74 Resp: 72151

Ion	Ratio	Lower	Upper
74	100		
45	101.7	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.068 ug/l
RT: 4.359 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

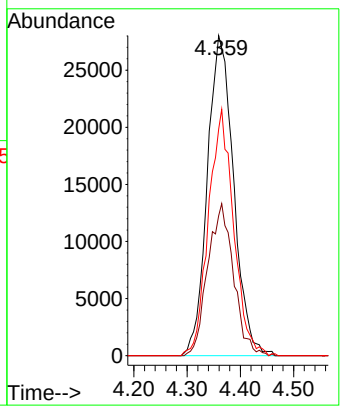
Tgt Ion:101 Resp: 9589

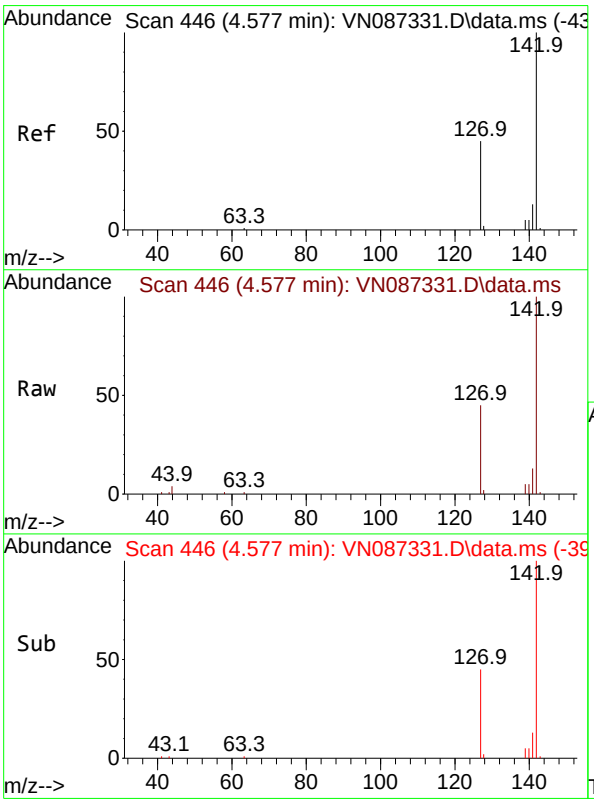
Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.3	55.9
151	73.6	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

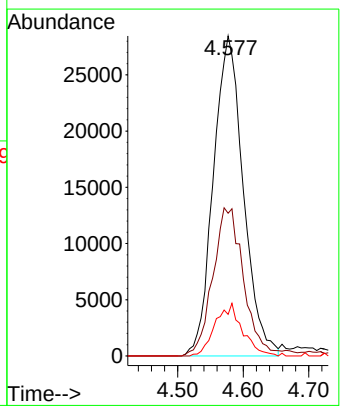


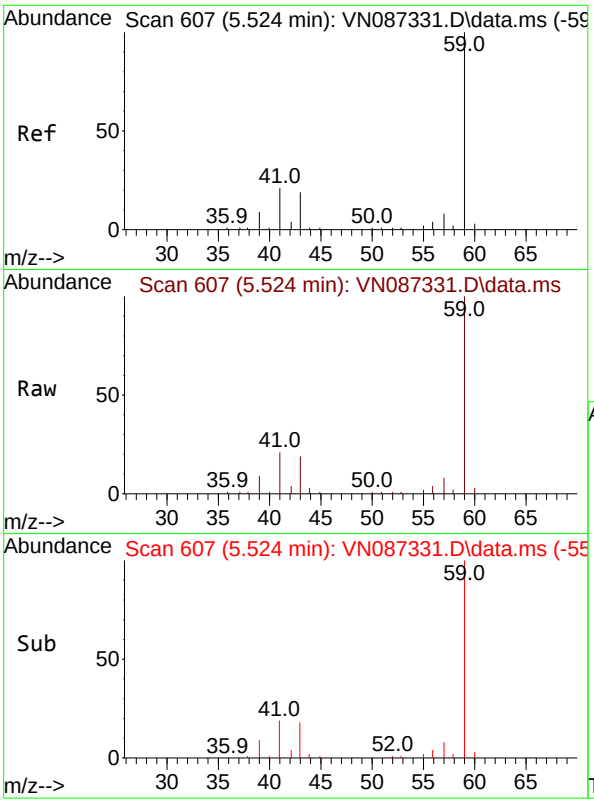


#10
Methyl Iodide
Concen: 47.912 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:142 Resp: 90277

Ion	Ratio	Lower	Upper
142	100		
127	44.6	35.7	53.5
141	13.0	10.4	15.6

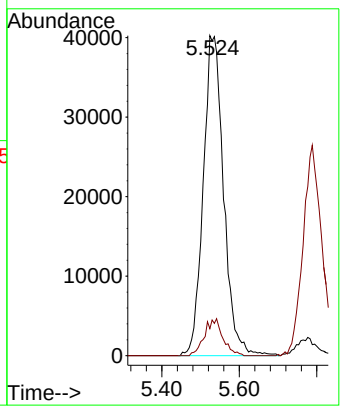




#11
Tert butyl alcohol
Concen: 249.504 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 59 Resp: 14693

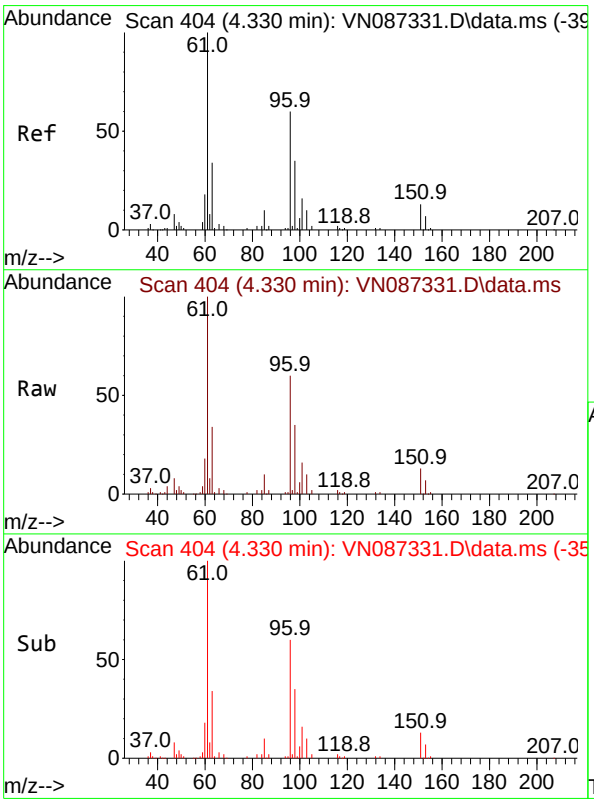
Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

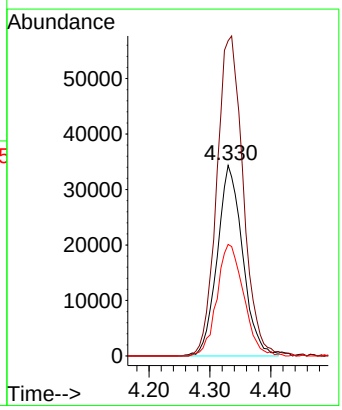
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

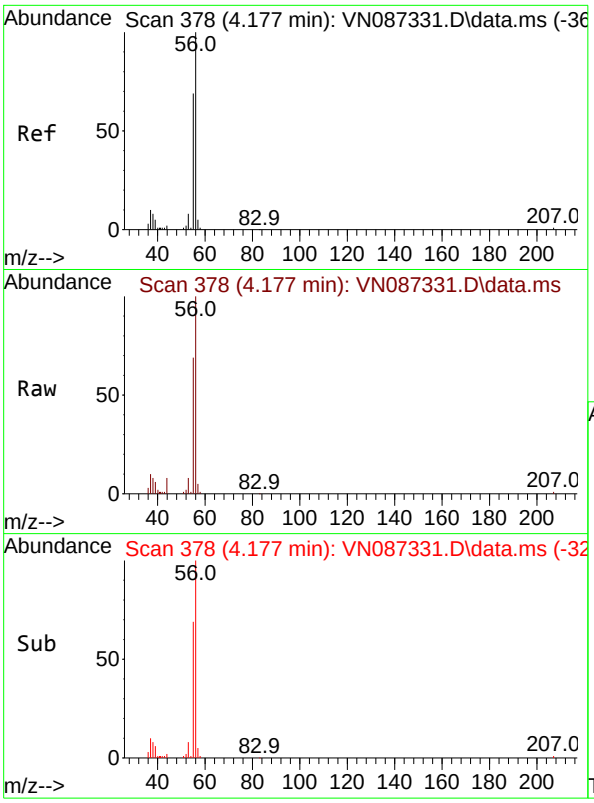


#12
1,1-Dichloroethene
Concen: 47.708 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 96 Resp: 99569

Ion	Ratio	Lower	Upper
96	100		
61	165.4	132.3	198.5
98	58.5	46.8	70.2

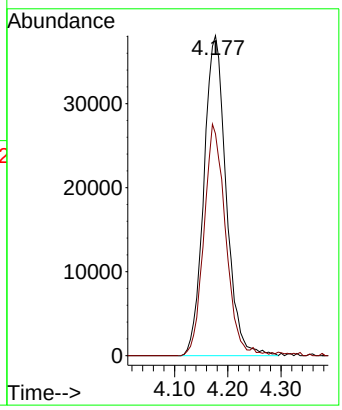




#13
Acrolein
Concen: 234.247 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 56 Resp: 11071

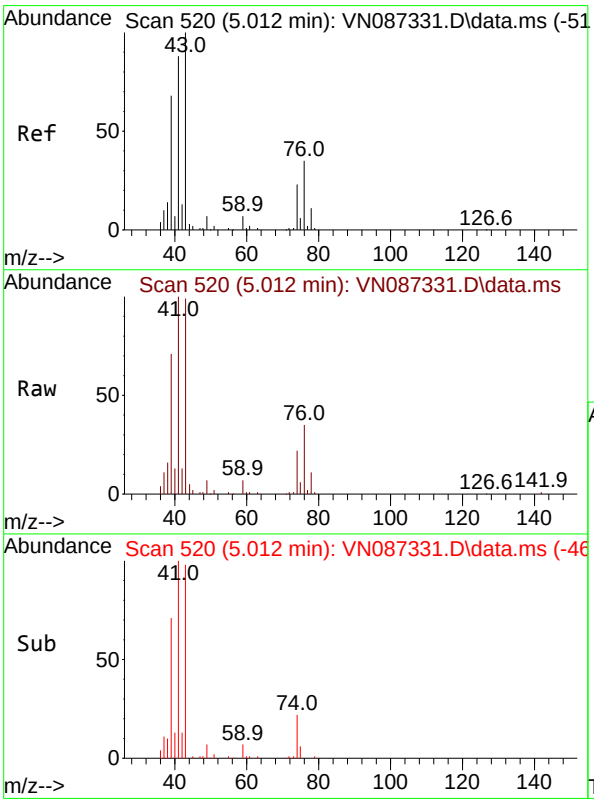
Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

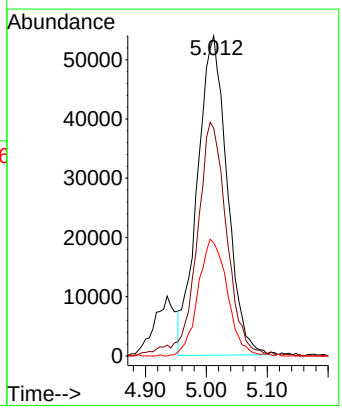
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

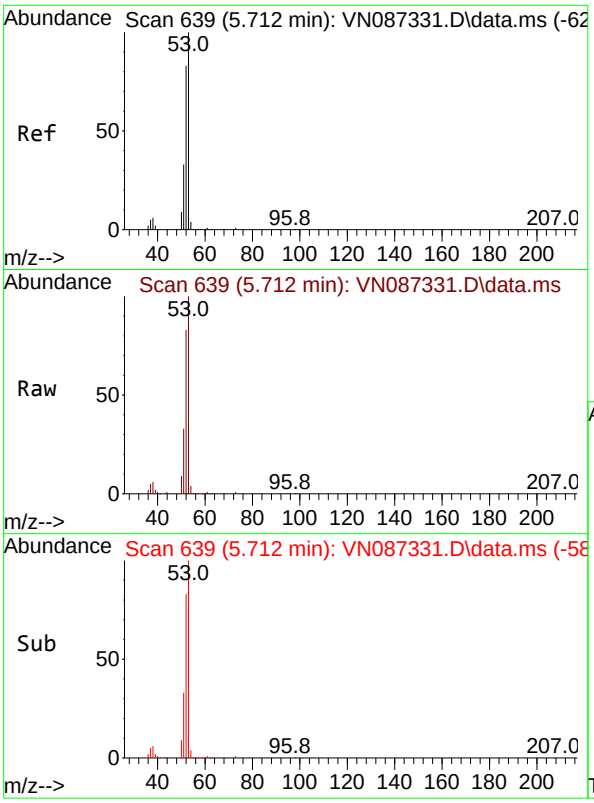


#14
Allyl chloride
Concen: 48.475 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 183089

Ion	Ratio	Lower	Upper
41	100		
39	73.8	59.0	88.6
76	35.9	28.7	43.1

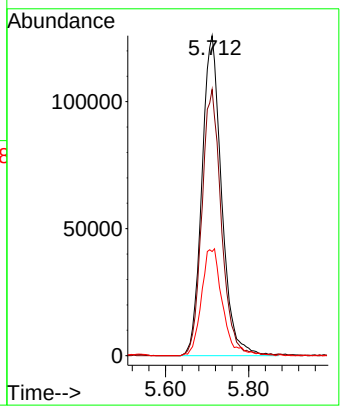




#15
Acrylonitrile
Concen: 259.227 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 53 Resp: 41427

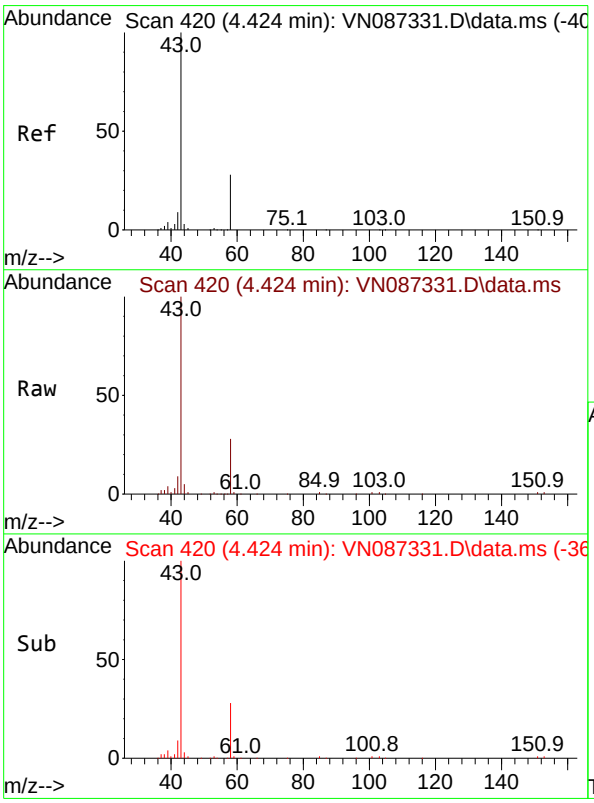
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.9	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

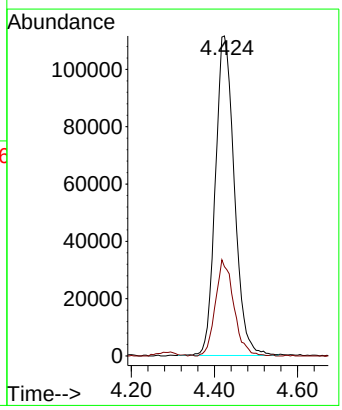
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

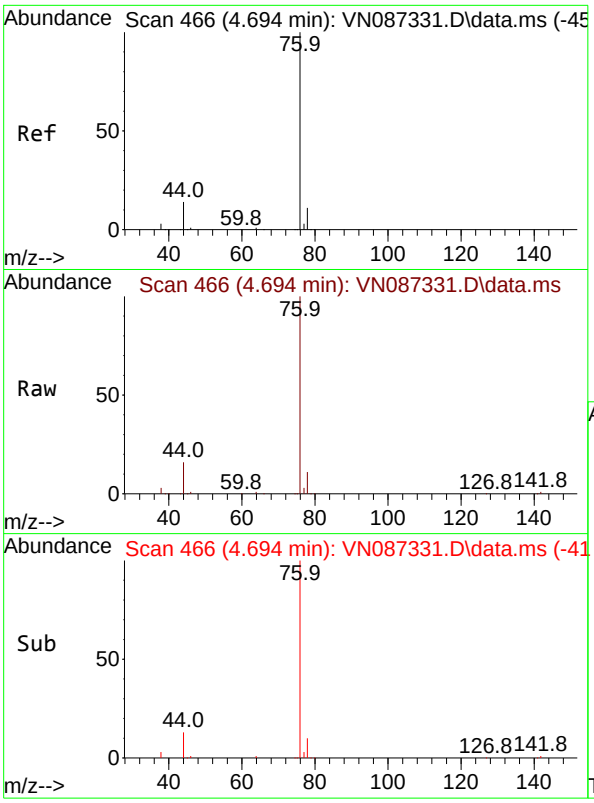


#16
Acetone
Concen: 240.328 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 353373

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5





#17
Carbon Disulfide
Concen: 51.205 ug/l
RT: 4.694 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

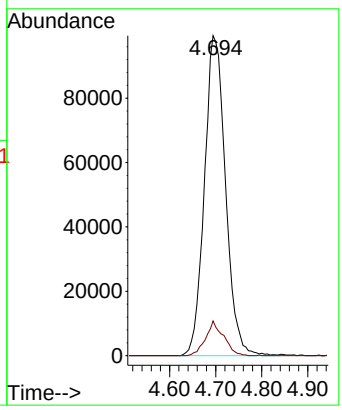
Tgt Ion: 76 Resp: 31683

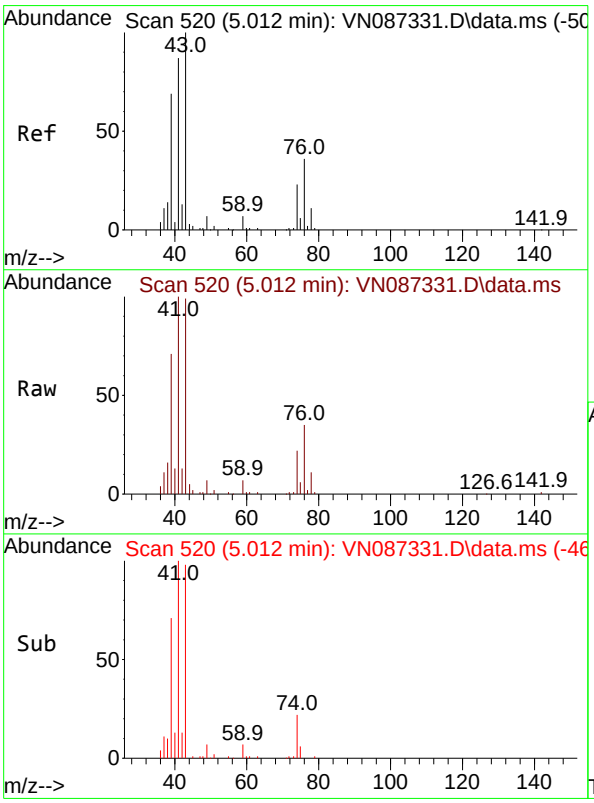
Ion	Ratio	Lower	Upper
76	100		
78	10.8	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

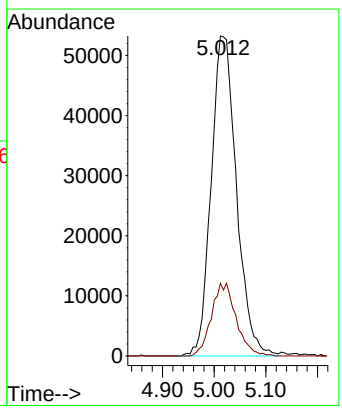


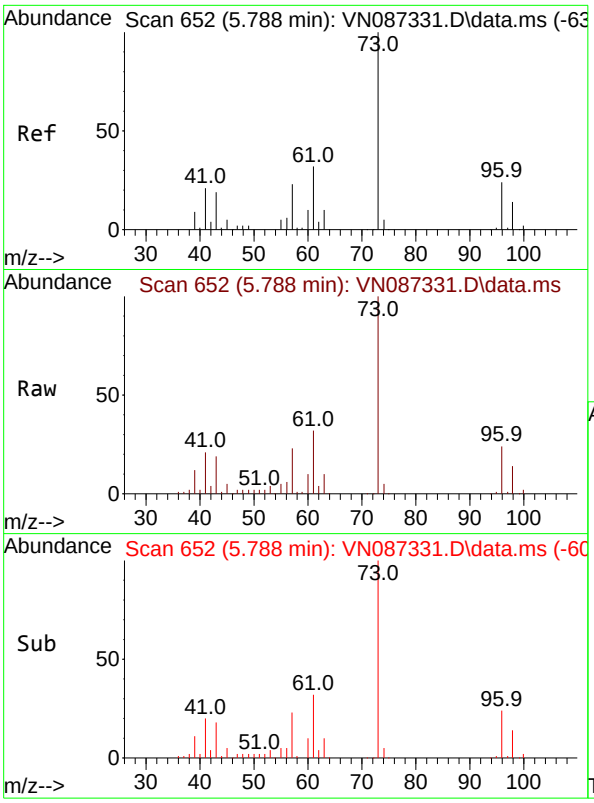


#18
Methyl Acetate
Concen: 49.594 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 181199

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.8	26.6

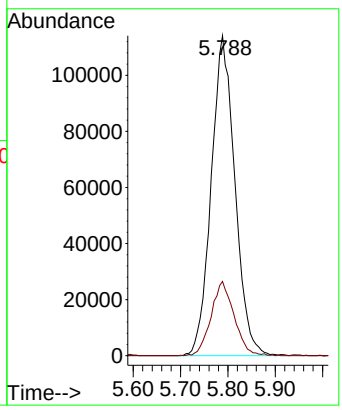




#19
Methyl tert-butyl Ether
Concen: 51.495 ug/l
RT: 5.788 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 73 Resp: 39613

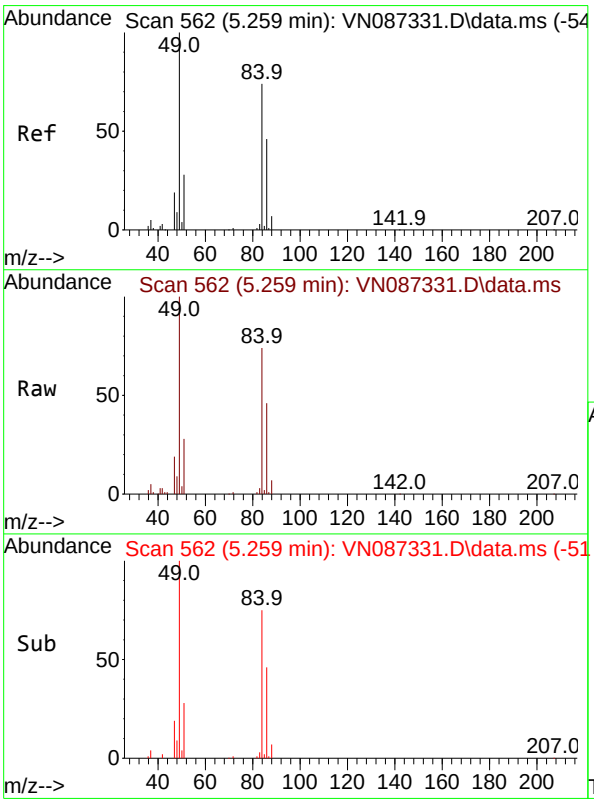
Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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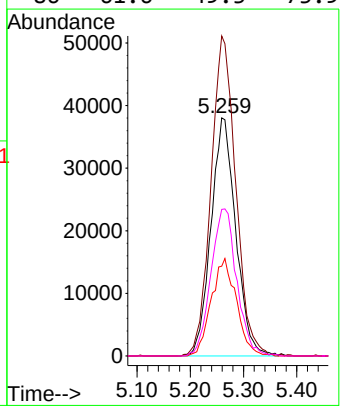
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

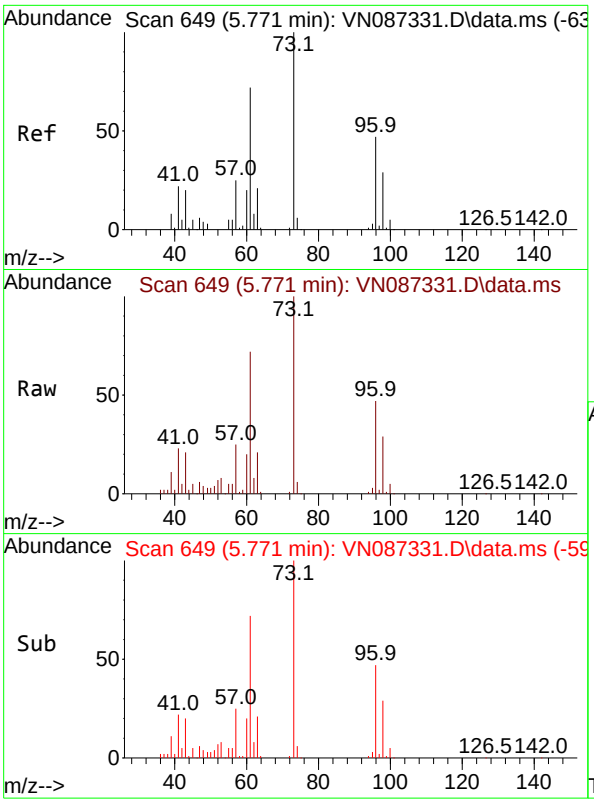


#20
Methylene Chloride
Concen: 50.001 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 84 Resp: 122921

Ion	Ratio	Lower	Upper
84	100		
49	134.4	107.5	161.3
51	37.7	30.2	45.2
86	61.6	49.3	73.9

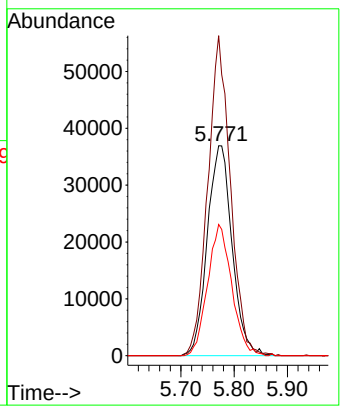




#21
trans-1,2-Dichloroethene
Concen: 50.687 ug/l
RT: 5.771 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 96 Resp: 11927

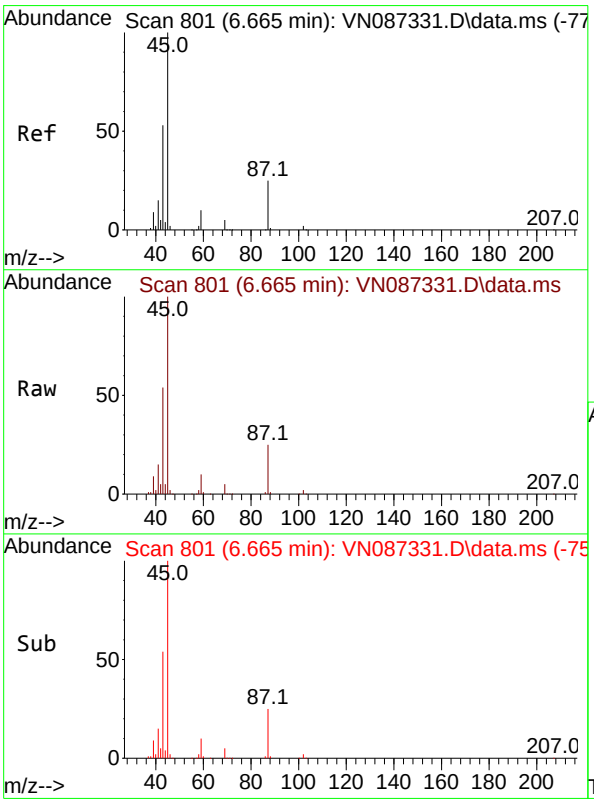
Ion	Ratio	Lower	Upper
96	100		
61	152.5	122.0	183.0
98	62.5	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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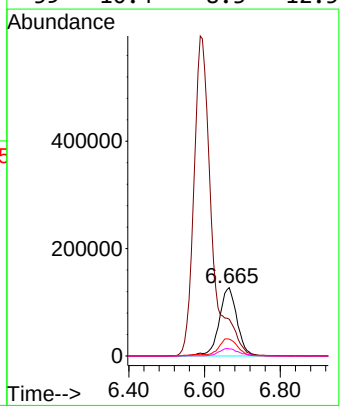
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

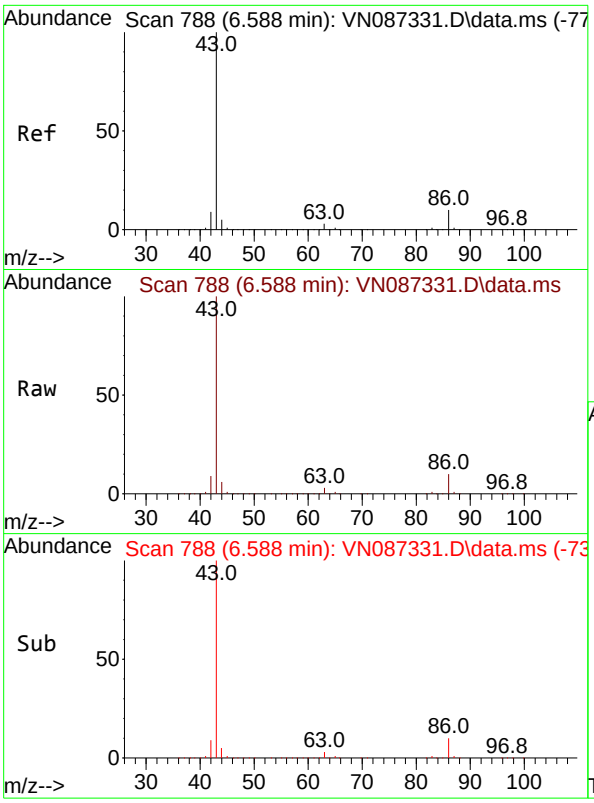


#22
Diisopropyl ether
Concen: 52.740 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 45 Resp: 417843

Ion	Ratio	Lower	Upper
45	100		
43	53.5	42.8	64.2
87	24.7	19.8	29.6
59	10.4	8.3	12.5





#23
Vinyl Acetate
Concen: 278.796 ug/l
RT: 6.588 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

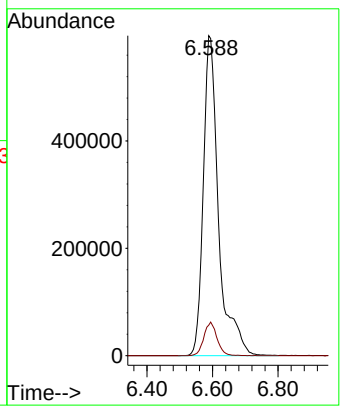
Tgt Ion: 43 Resp: 193180

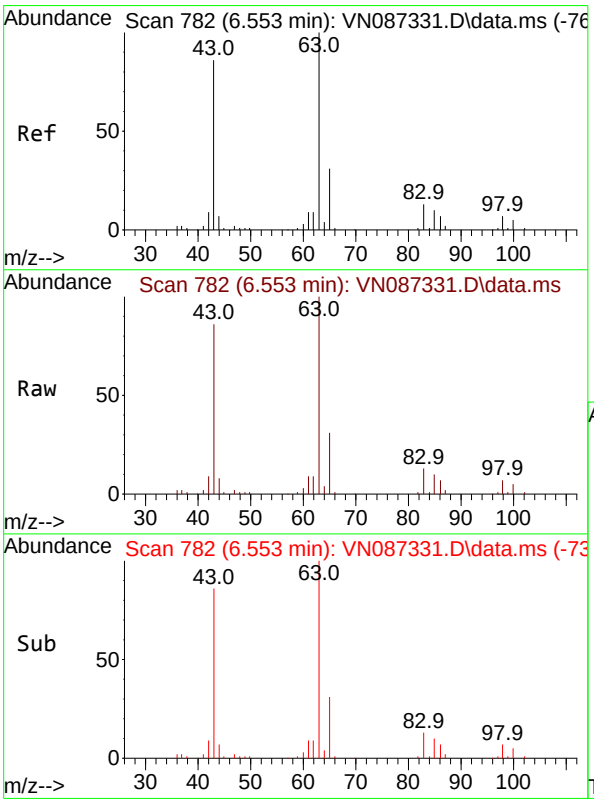
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.7	11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

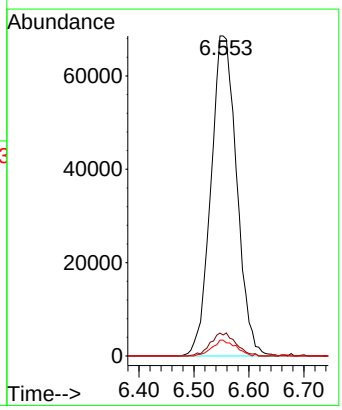


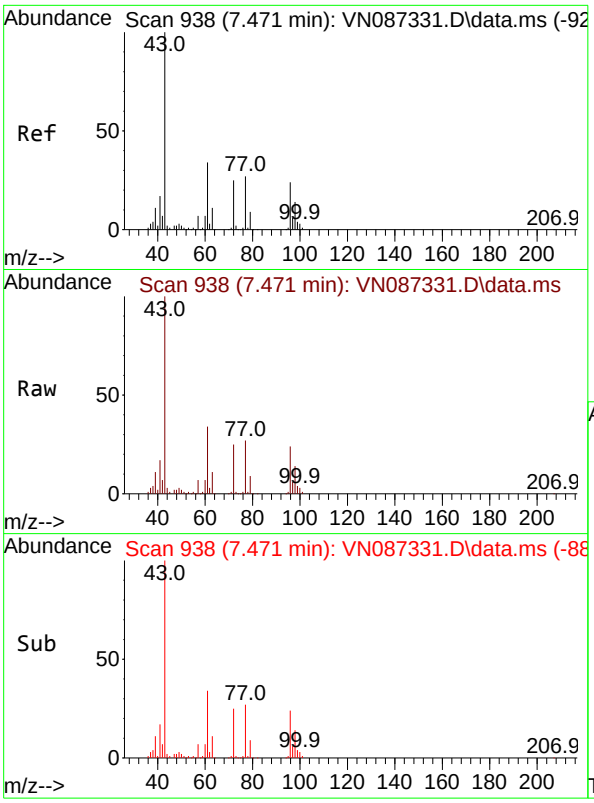


#24
1,1-Dichloroethane
Concen: 48.853 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 63 Resp: 223298

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.9	2.5	7.4





#25
2-Butanone
Concen: 261.702 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

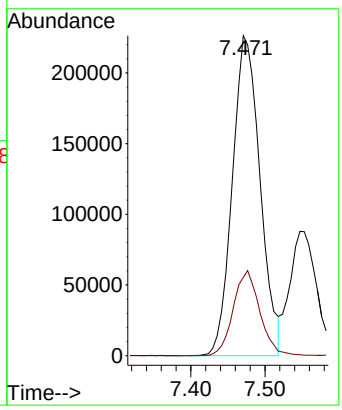
Tgt Ion: 43 Resp: 58803

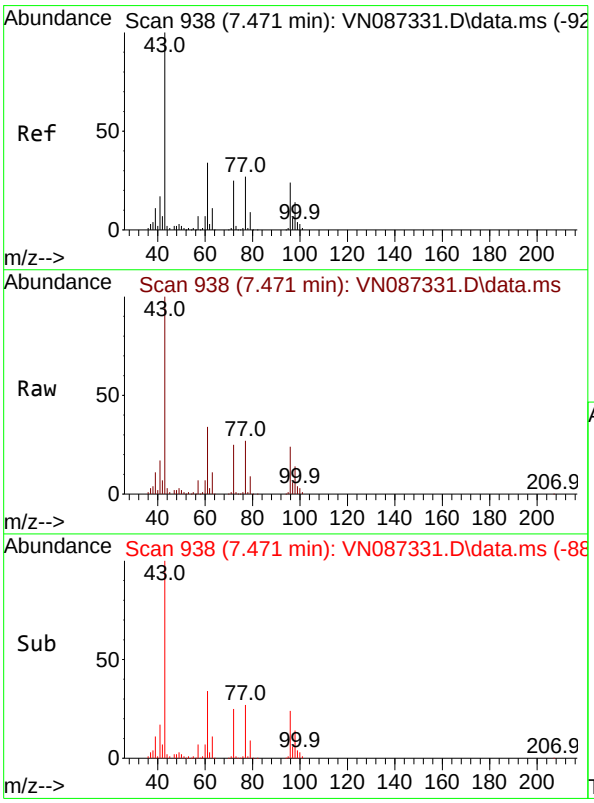
Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.6	29.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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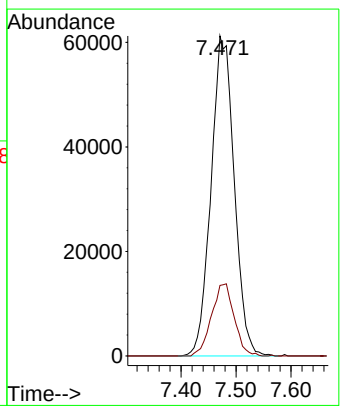


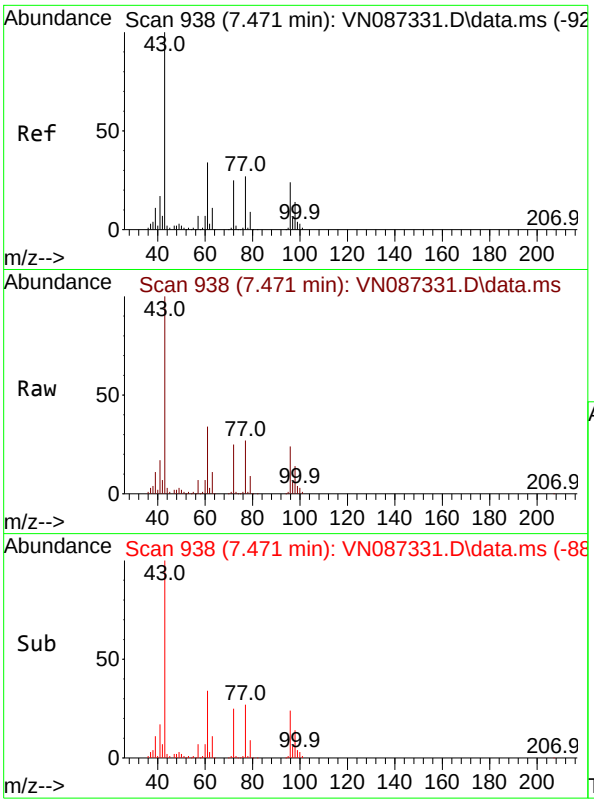


#26
2,2-Dichloropropane
Concen: 50.492 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 77 Resp: 179431

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.1

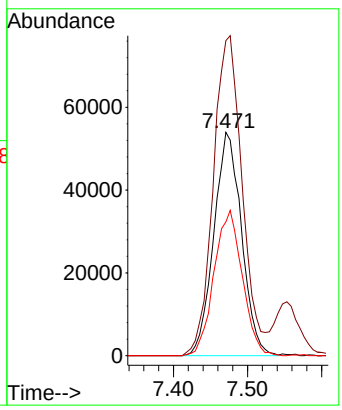




#27
cis-1,2-Dichloroethene
Concen: 51.746 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 96 Resp: 14019

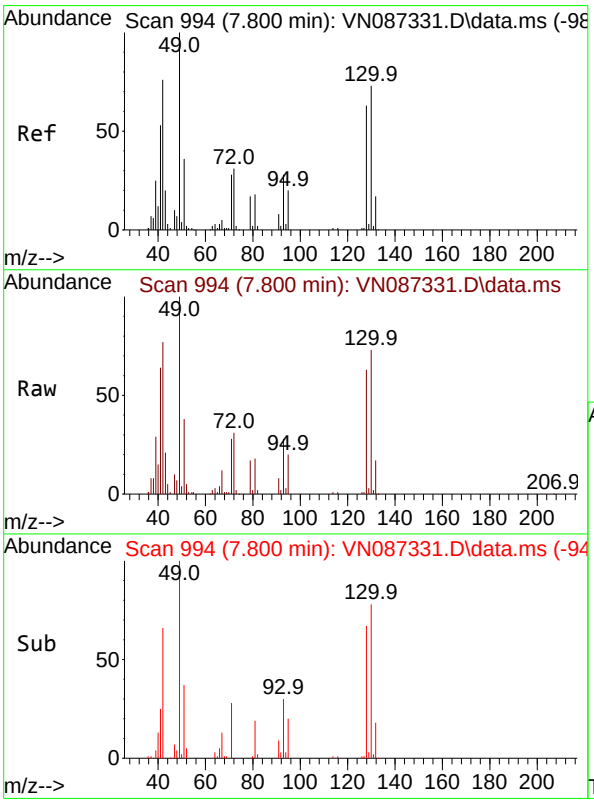
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	297.8
98	66.2	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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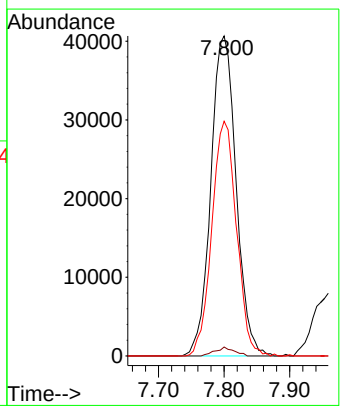
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

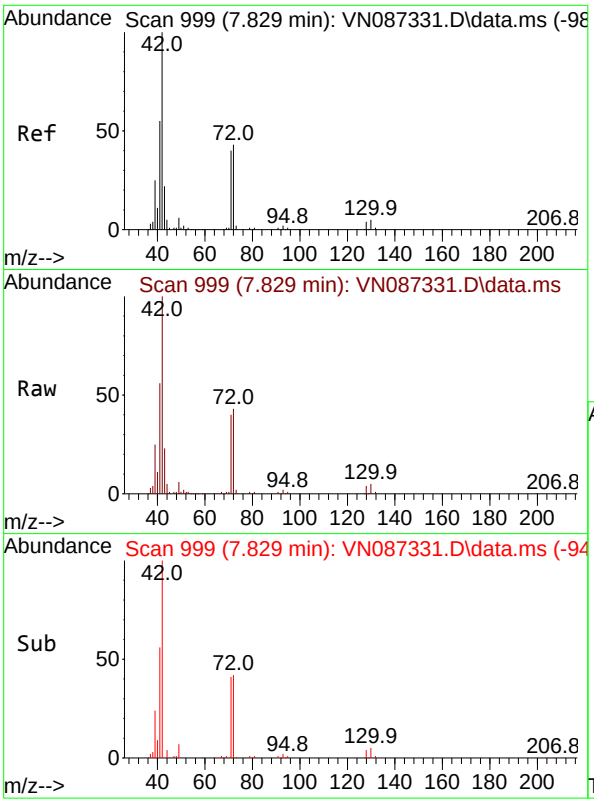


#28
Bromochloromethane
Concen: 49.713 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 49 Resp: 108748

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	71.6	57.3	85.9

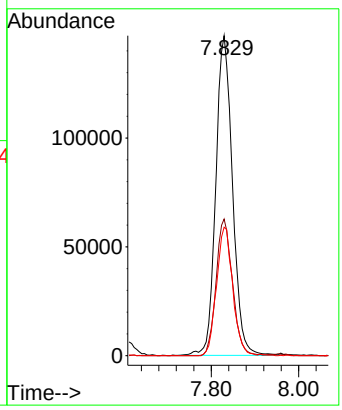




#29
Tetrahydrofuran
Concen: 266.294 ug/l
RT: 7.829 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 42 Resp: 38870

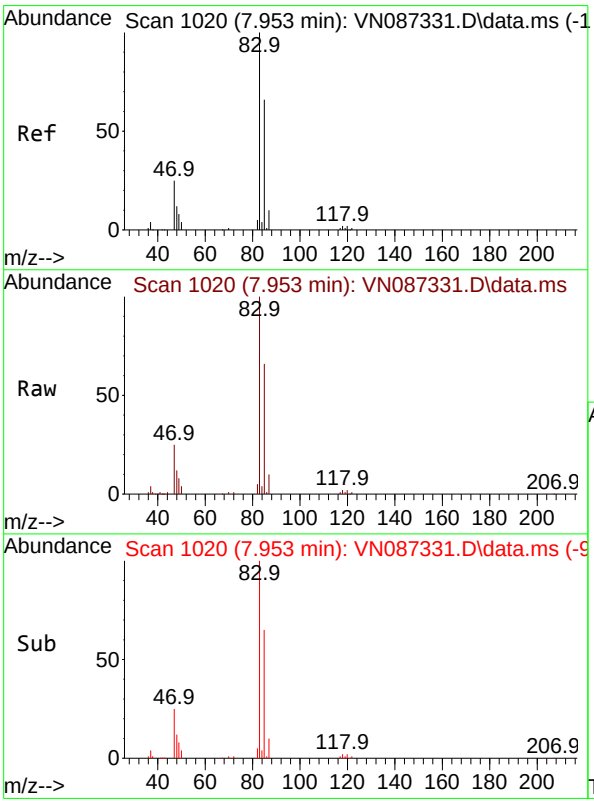
Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.0	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

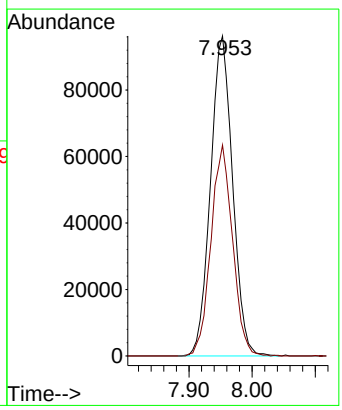
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

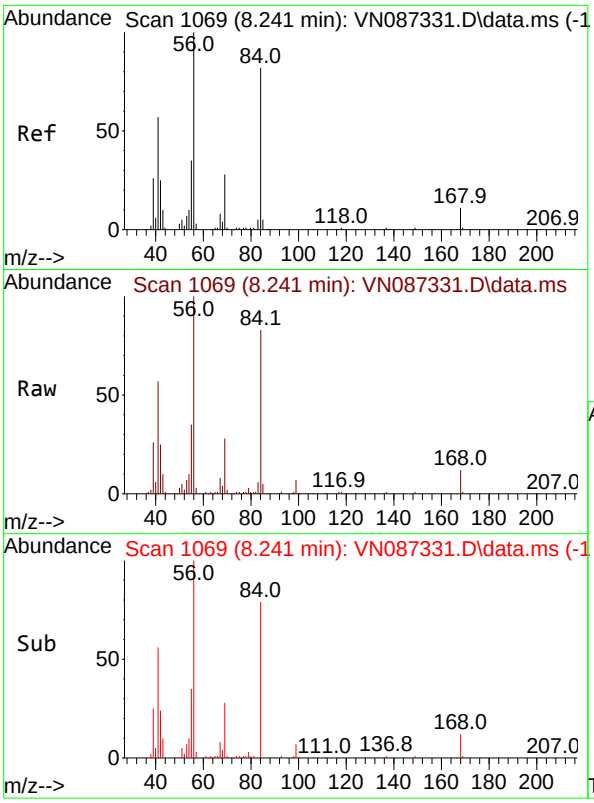


#30
Chloroform
Concen: 51.092 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 83 Resp: 233747

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1

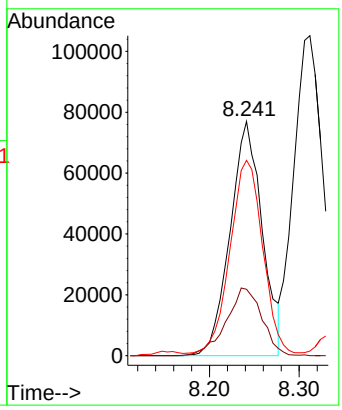




#31
Cyclohexane
Concen: 50.122 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 56 Resp: 19111

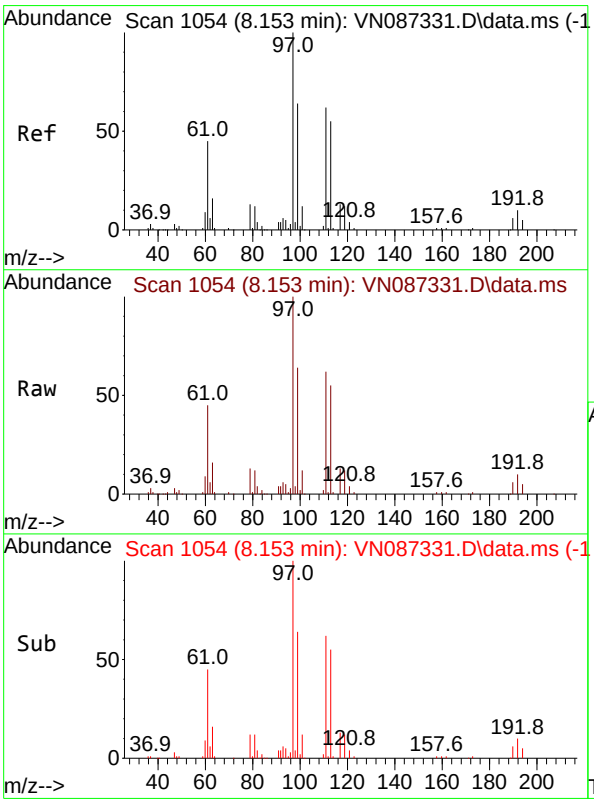
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.7	34.1
84	82.2	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

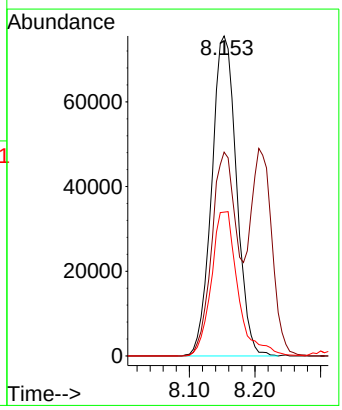
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

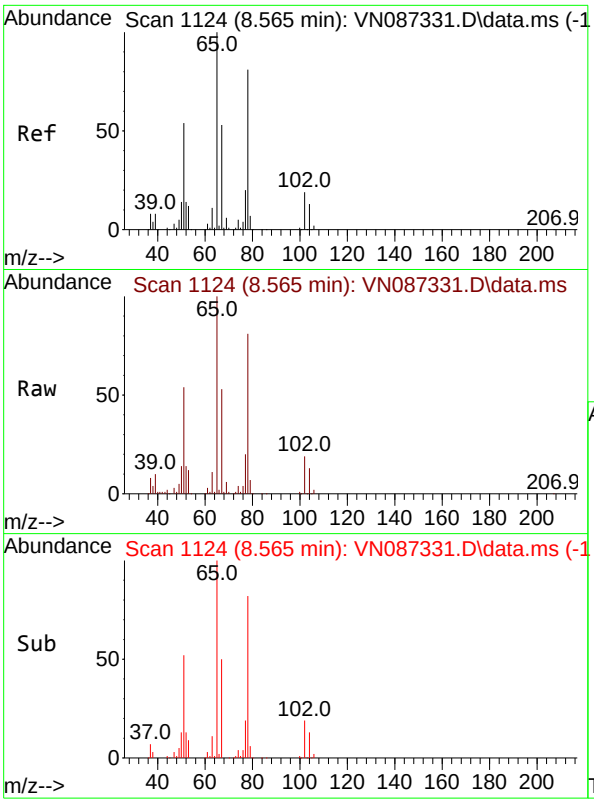


#32
1,1,1-Trichloroethane
Concen: 50.002 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 97 Resp: 198135

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	48.4	38.7	58.1

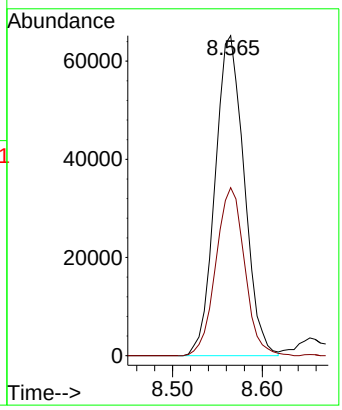




#33
1,2-Dichloroethane-d4
Concen: 47.253 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 65 Resp: 14655

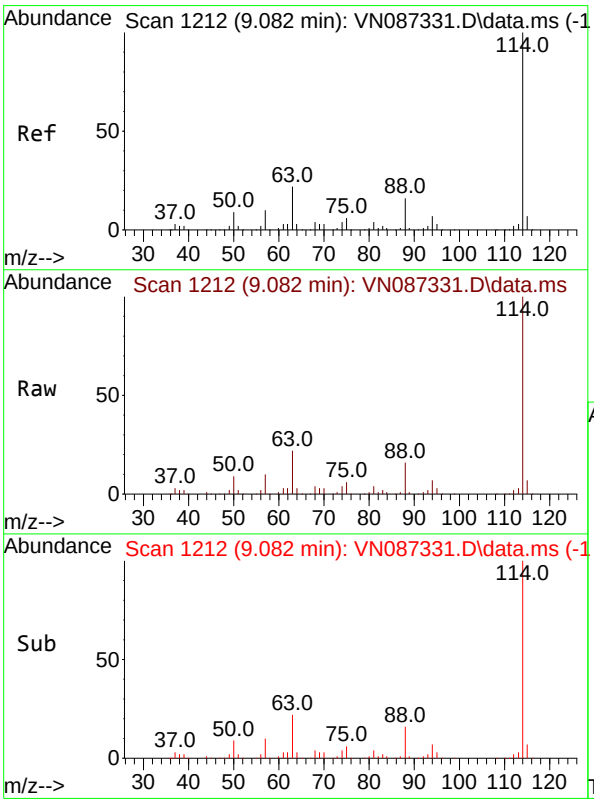
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

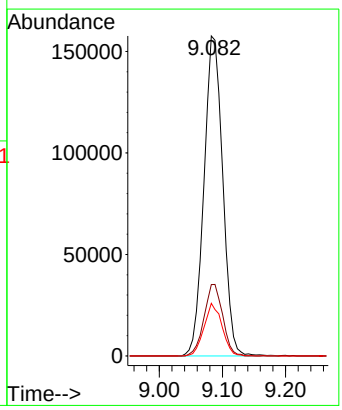
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

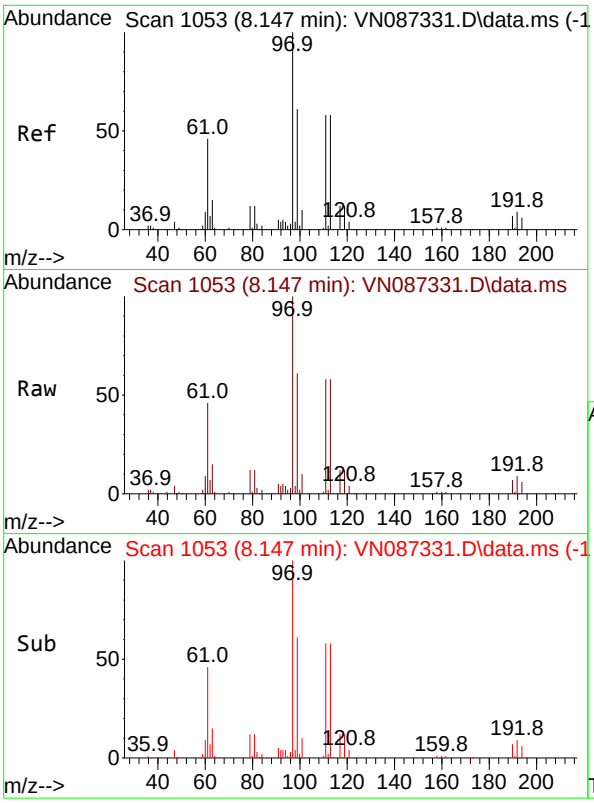


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:114 Resp: 325711

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.6
88	16.4	0.0	32.8

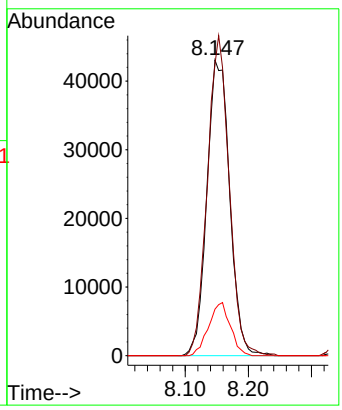




#35
Dibromofluoromethane
Concen: 48.190 ug/l
RT: 8.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:113 Resp: 10827

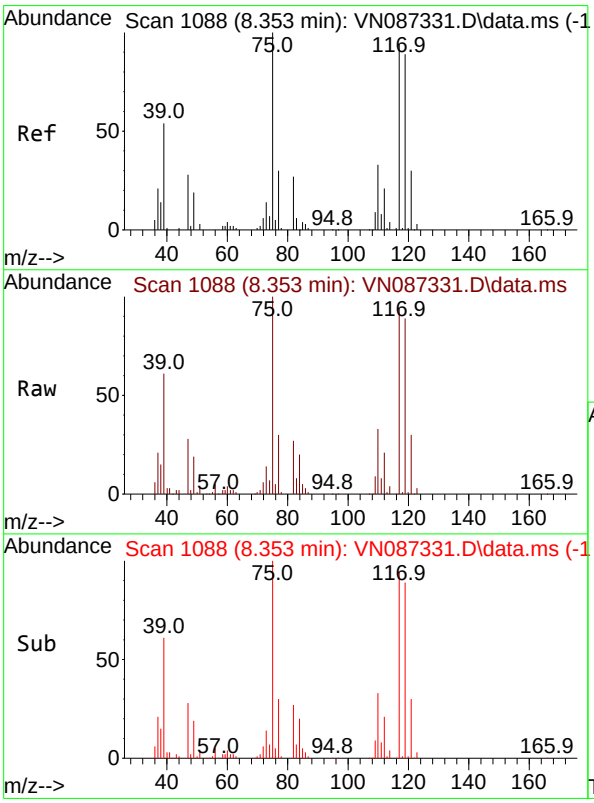
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.5	123.7
192	17.1	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

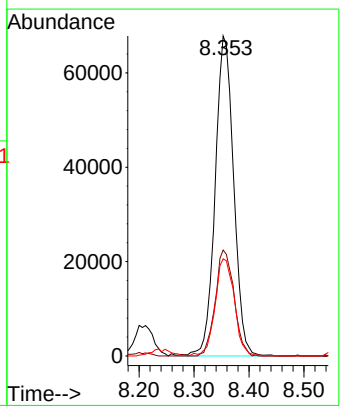
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

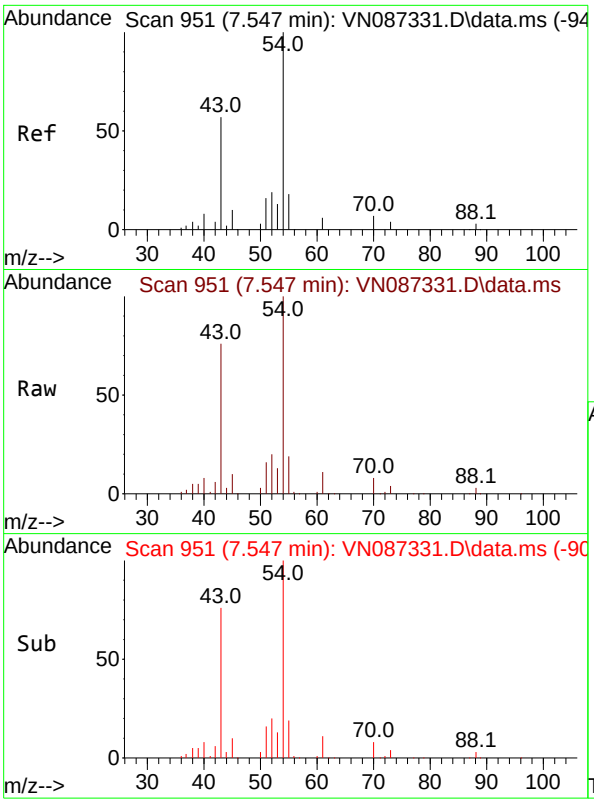


#36
1,1-Dichloropropene
Concen: 53.418 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 158563

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	31.5	25.2	37.8

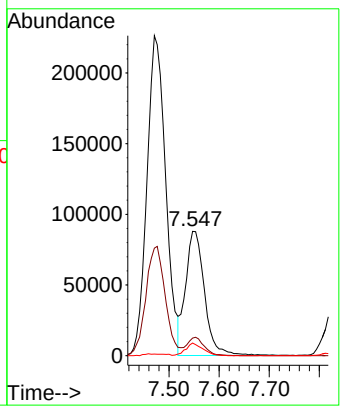




#37
Ethyl Acetate
Concen: 53.652 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 23000

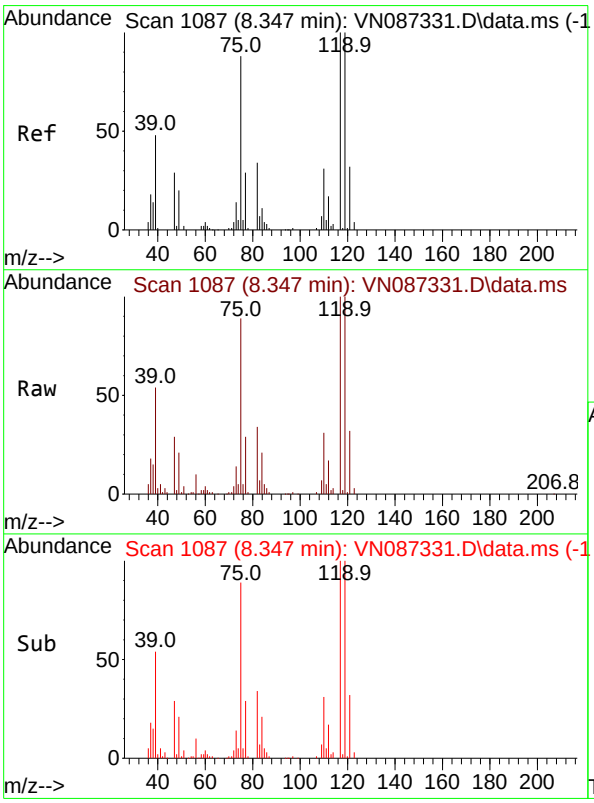
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	9.2	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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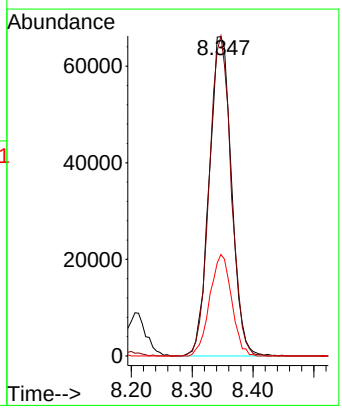
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

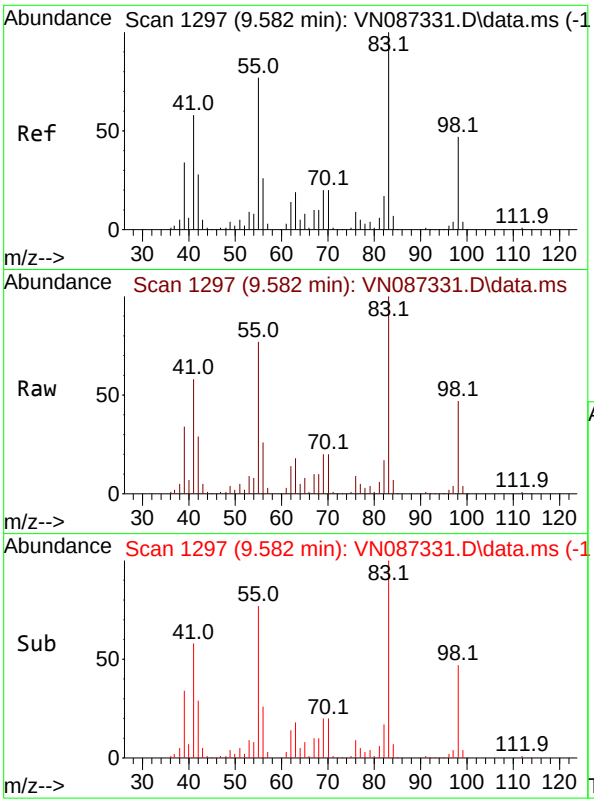


#38
Carbon Tetrachloride
Concen: 51.501 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:117 Resp: 168403

Ion	Ratio	Lower	Upper
117	100		
119	100.2	80.2	120.2
121	31.8	25.4	38.2

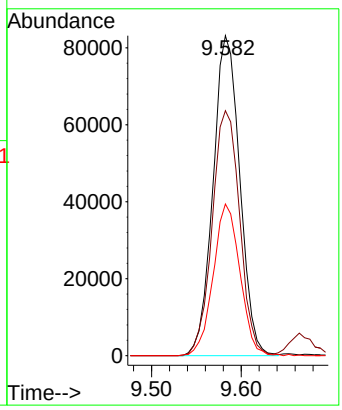




#39
Methylcyclohexane
Concen: 53.614 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 83 Resp: 17229

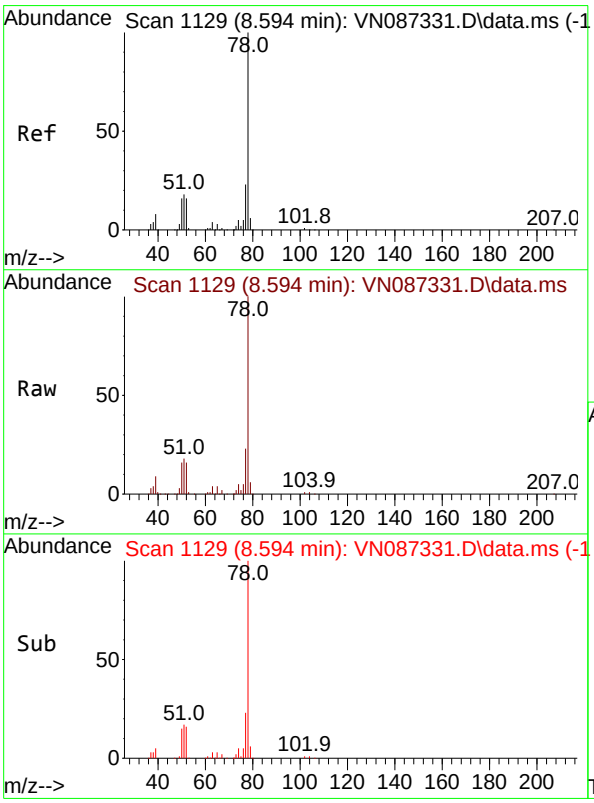
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.3	91.9
98	47.4	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

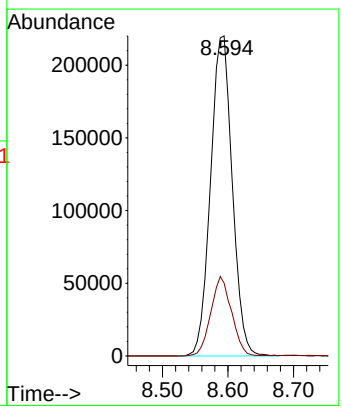
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

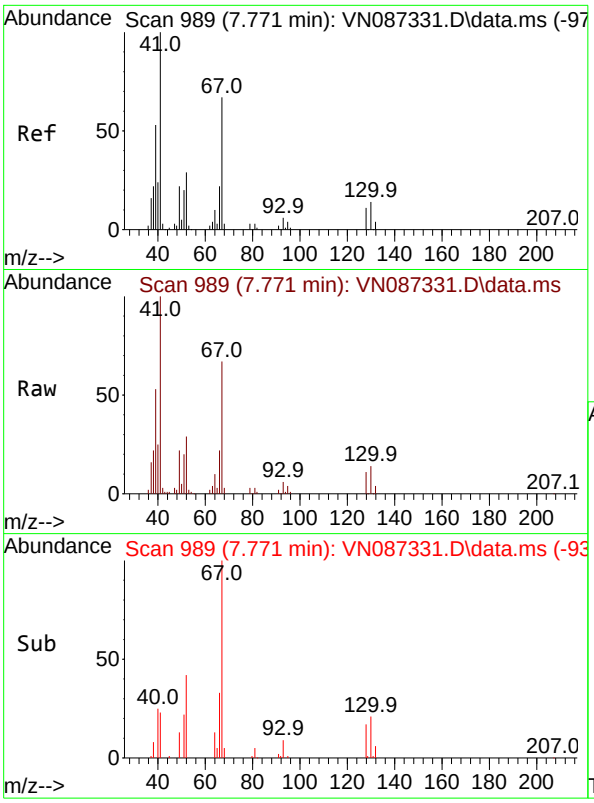


#40
Benzene
Concen: 52.714 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 78 Resp: 505723

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2

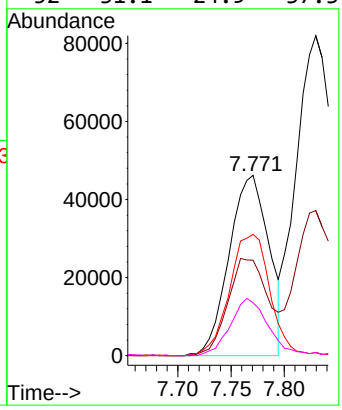




#41
Methacrylonitrile
Concen: 53.486 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 11989

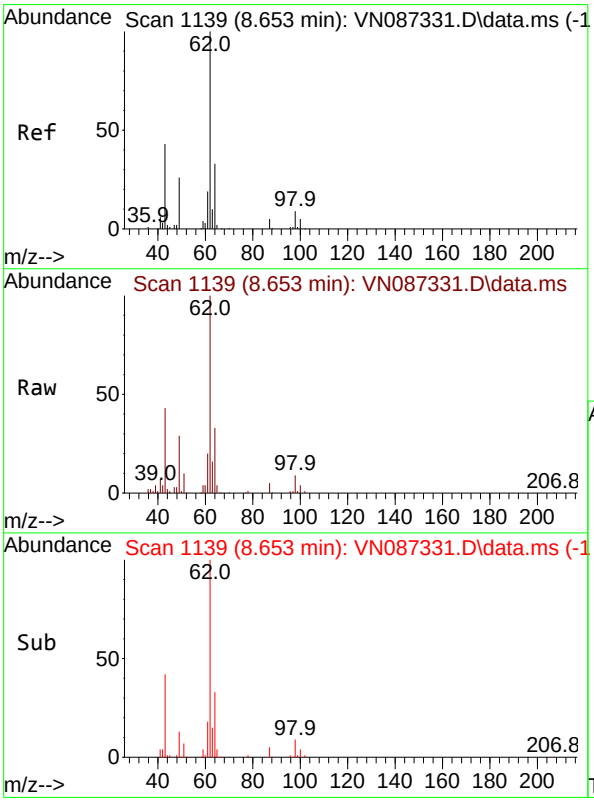
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.4	65.0
67	68.9	55.1	82.7
52	31.1	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

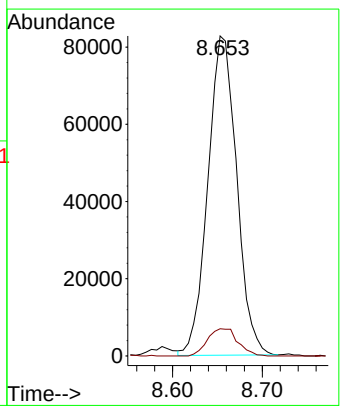
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

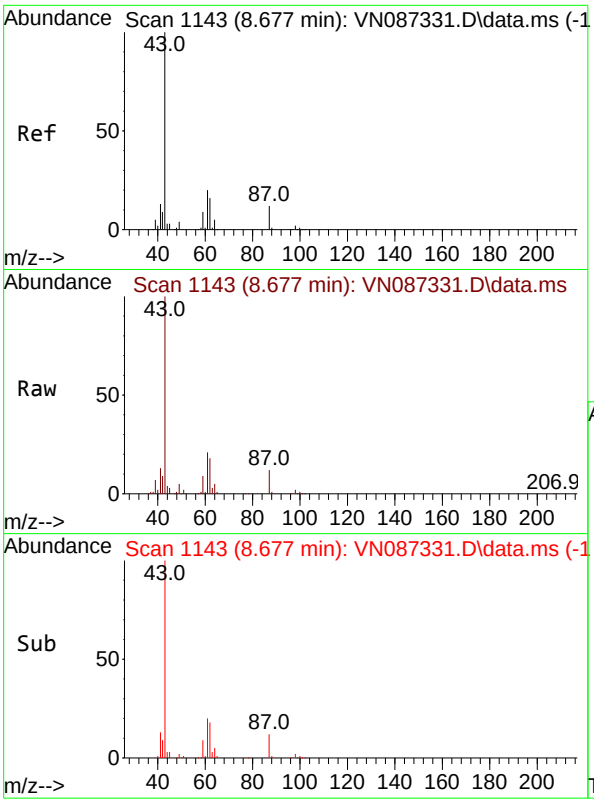


#42
1,2-Dichloroethane
Concen: 50.759 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 62 Resp: 184670

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 52.399 ug/l
RT: 8.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

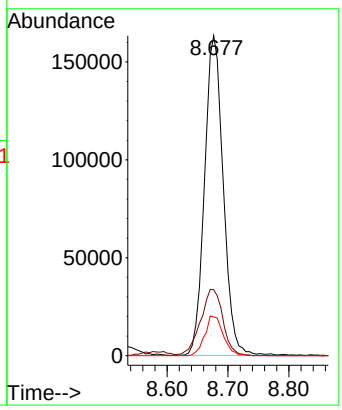
Tgt Ion: 43 Resp: 34870

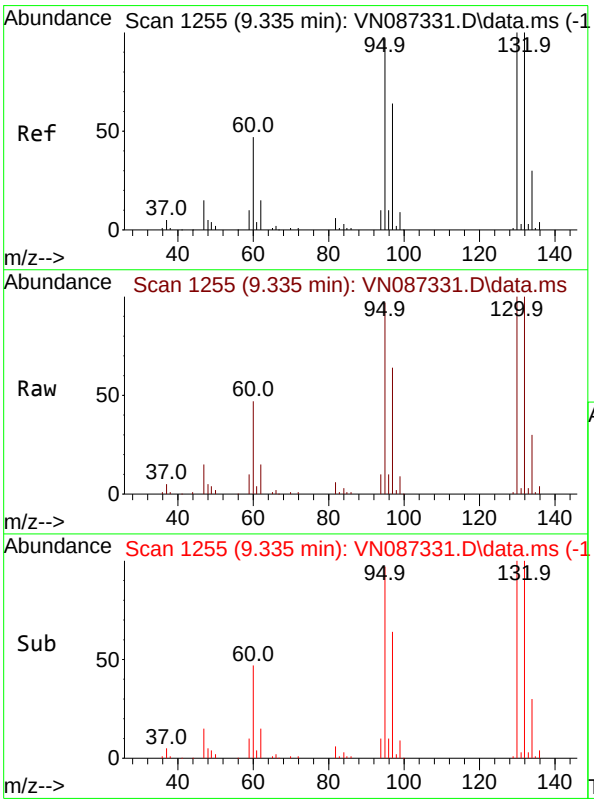
Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.8	29.8
87	12.2	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

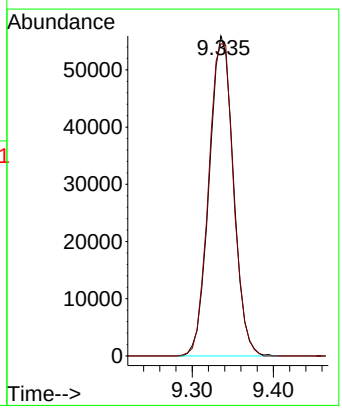


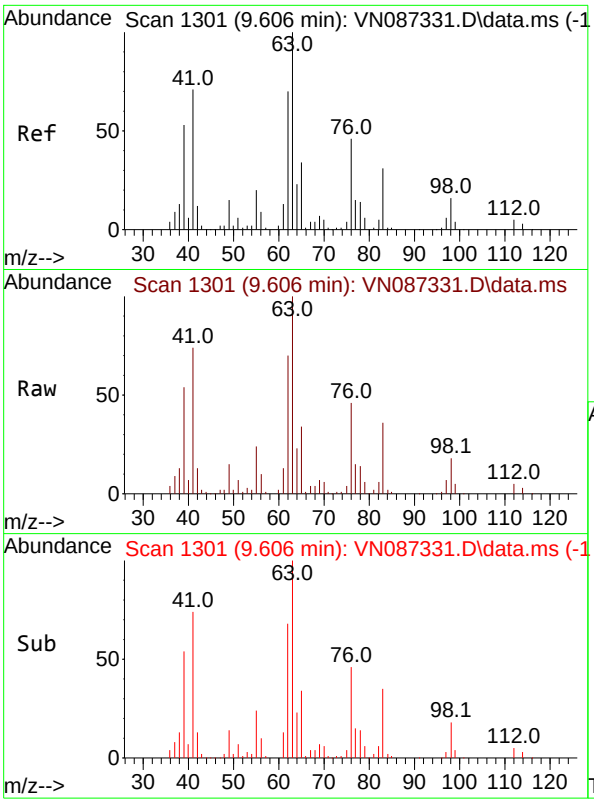


#44
Trichloroethene
Concen: 51.160 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:130 Resp: 115974

Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	195.2

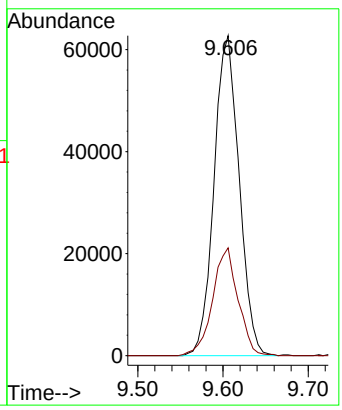




#45
1,2-Dichloropropane
Concen: 52.726 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 63 Resp: 12853

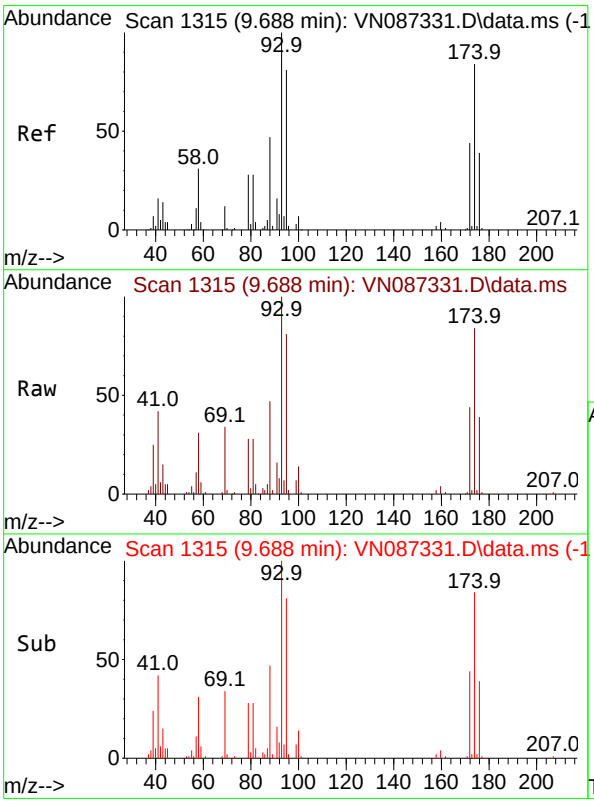
Ion	Ratio	Lower	Upper
63	100		
65	33.7	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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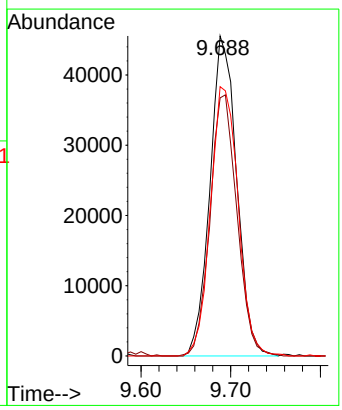
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

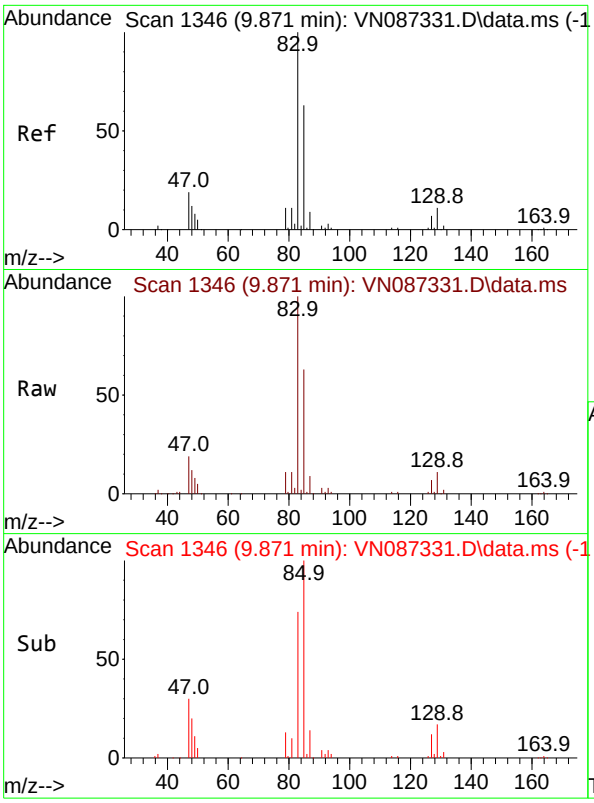


#46
Dibromomethane
Concen: 51.601 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 93 Resp: 94179

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	87.4	69.9	104.9

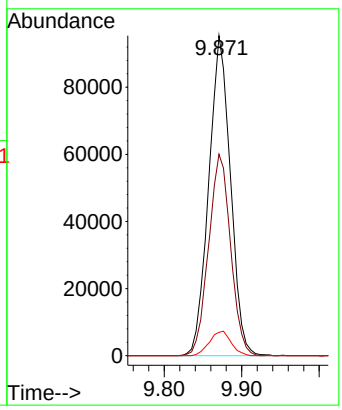




#47
Bromodichloromethane
Concen: 50.382 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 83 Resp: 18522

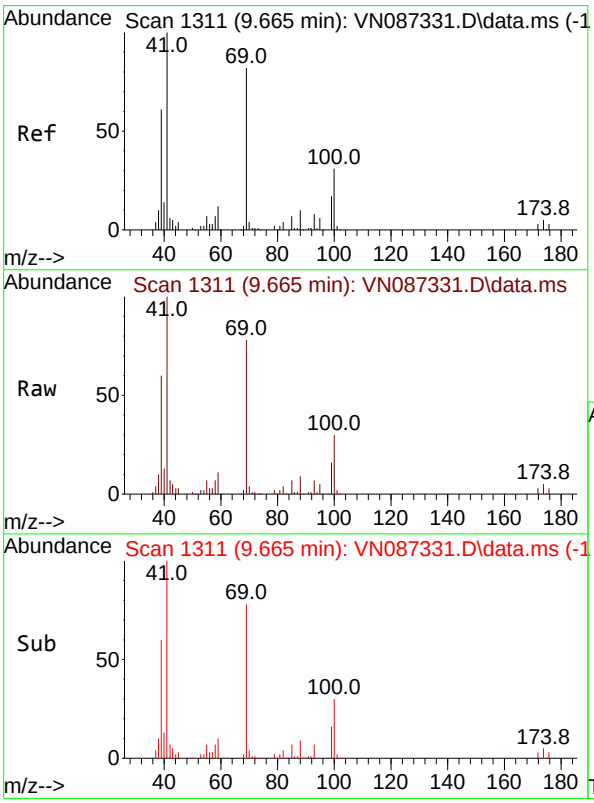
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.4	75.6
127	7.3	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

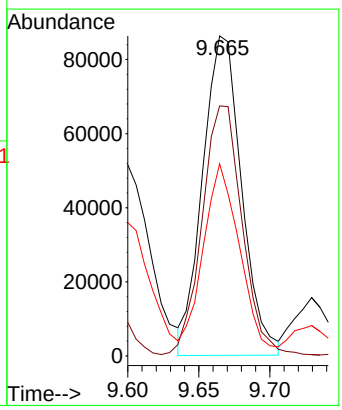
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

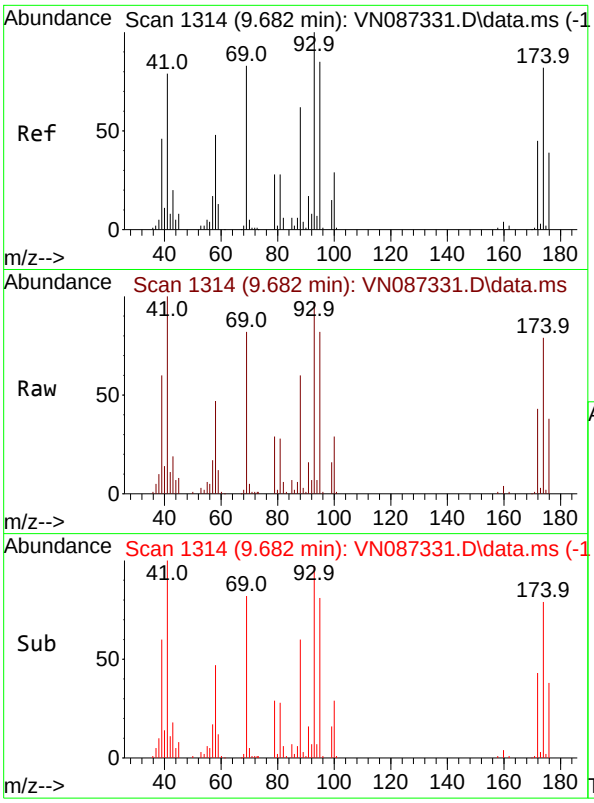


#48
Methyl methacrylate
Concen: 54.899 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 164476

Ion	Ratio	Lower	Upper
41	100		
69	80.1	64.1	96.1
39	56.9	45.5	68.3

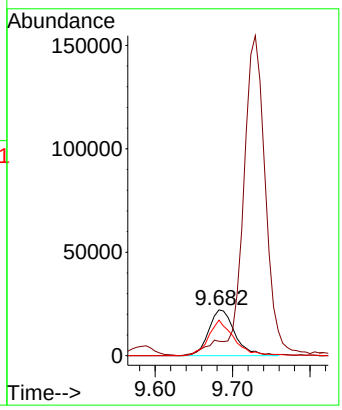




#49
1,4-Dioxane
Concen: 1134.802 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 88 Resp: 5207

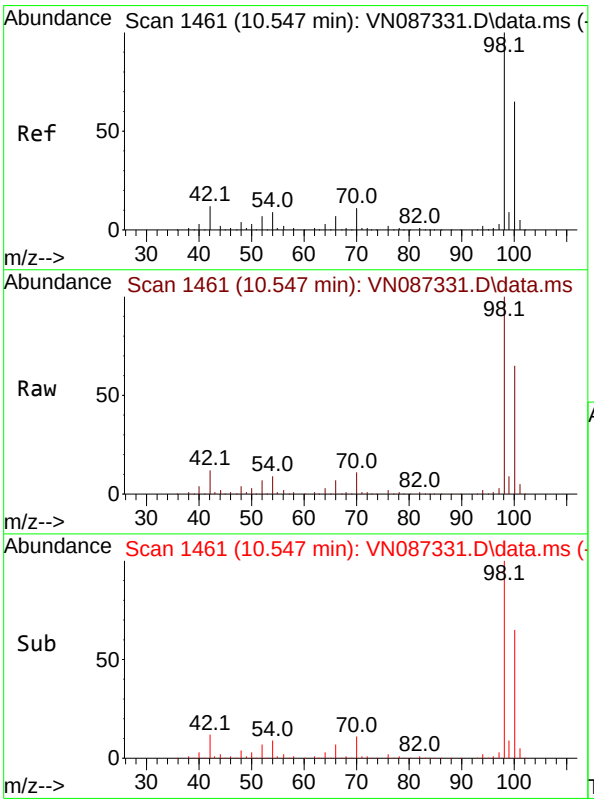
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.4	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

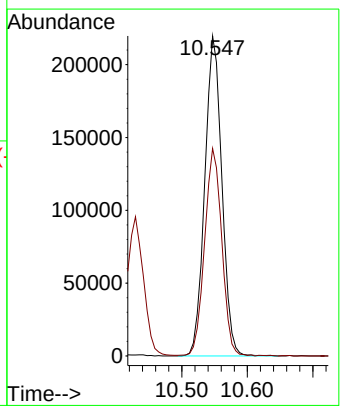
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

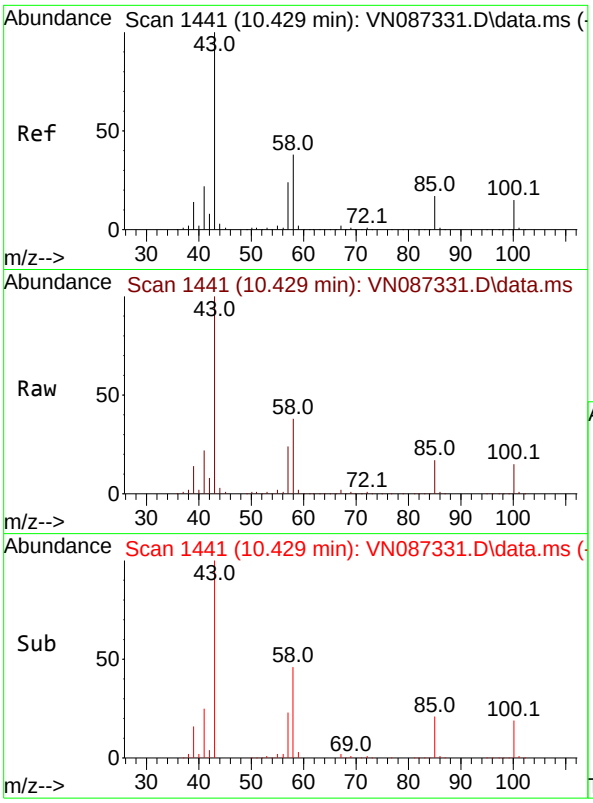


#50
Toluene-d8
Concen: 49.757 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 98 Resp: 398776

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1

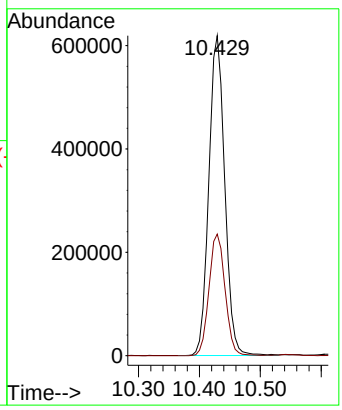




#51
4-Methyl-2-Pentanone
Concen: 266.771 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 112285

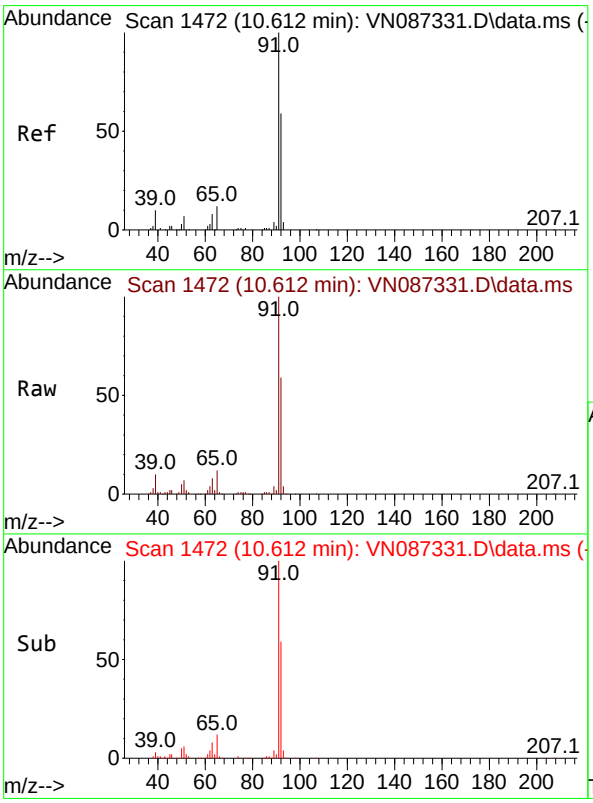
Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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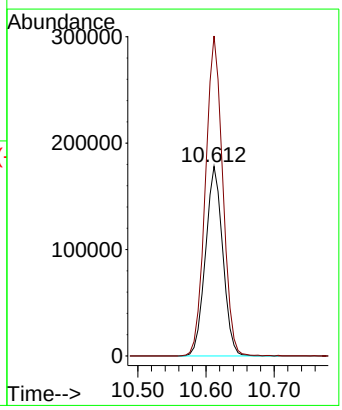
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

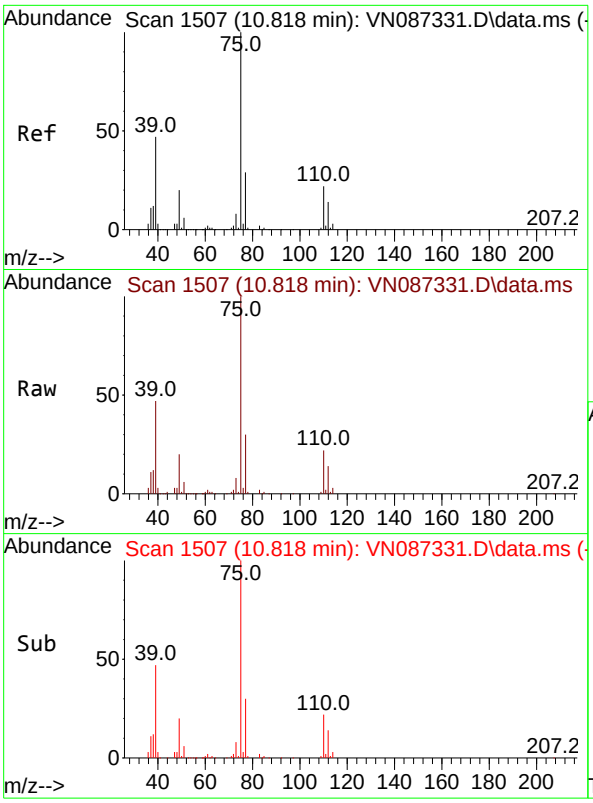


#52
Toluene
Concen: 53.814 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 92 Resp: 313806

Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.1	202.7

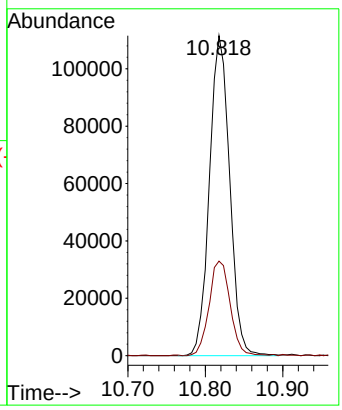




#53
t-1,3-Dichloropropene
Concen: 54.327 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 20212

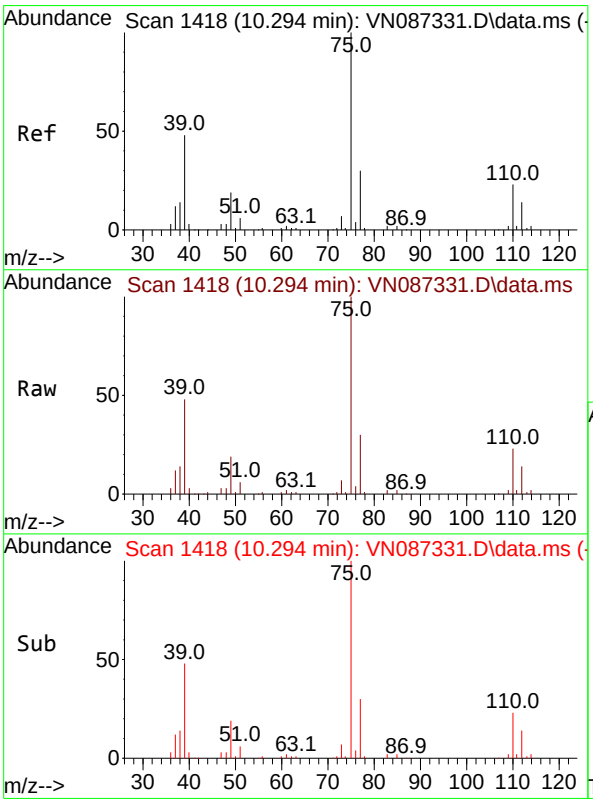
Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

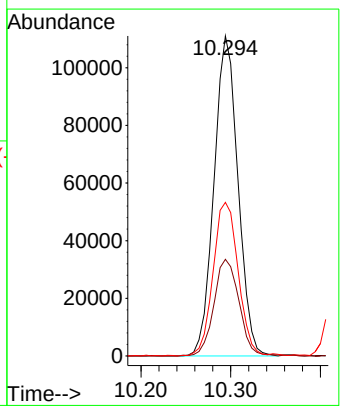
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

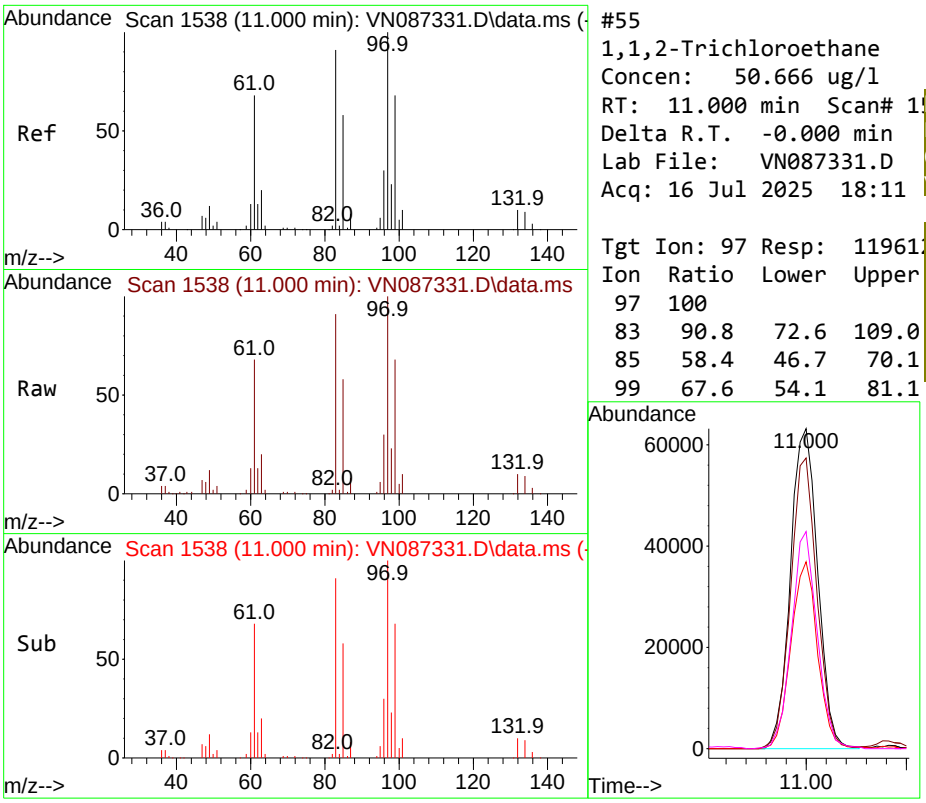


#54
cis-1,3-Dichloropropene
Concen: 53.529 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 205720

Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.2	36.2
39	48.0	38.4	57.6





#55
1,1,2-Trichloroethane
Concen: 50.666 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

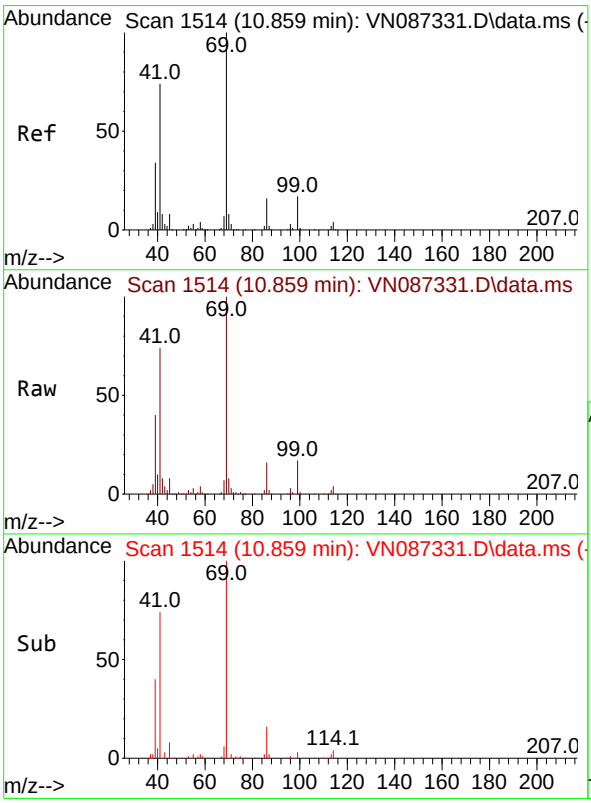
Tgt Ion: 97 Resp: 11961

Ion	Ratio	Lower	Upper
97	100		
83	90.8	72.6	109.0
85	58.4	46.7	70.1
99	67.6	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

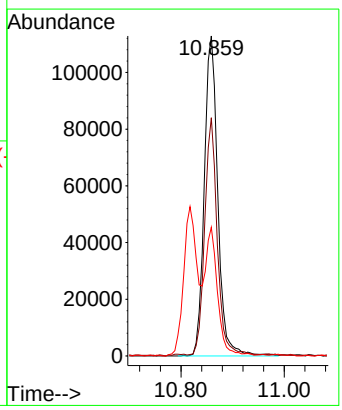
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

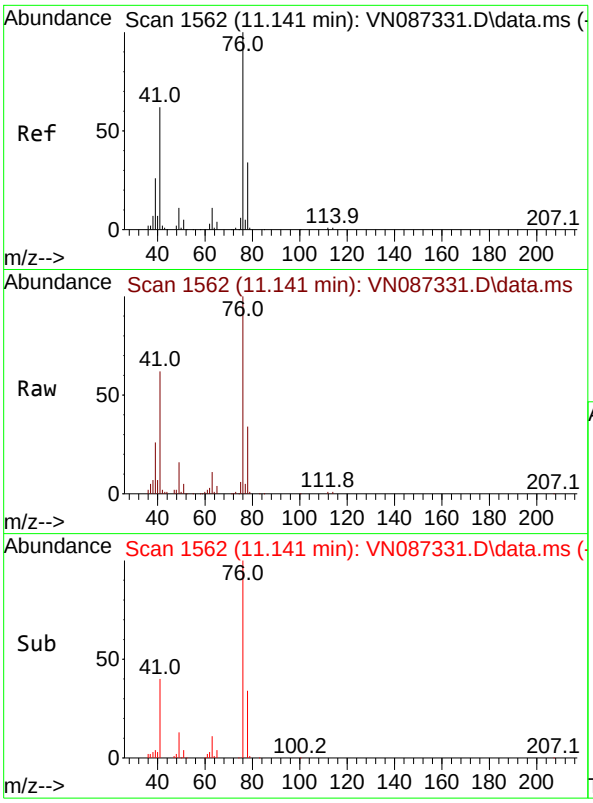


#56
Ethyl methacrylate
Concen: 51.427 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 69 Resp: 204376

Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.1	82.7
39	34.9	27.9	41.9

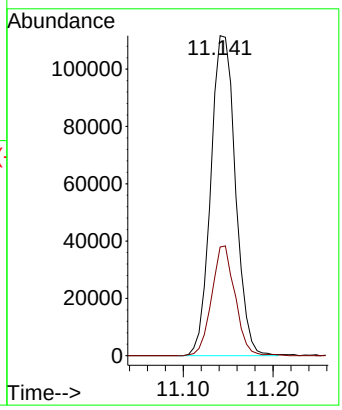




#57
1,3-Dichloropropane
Concen: 52.267 ug/l
RT: 11.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 76 Resp: 21334

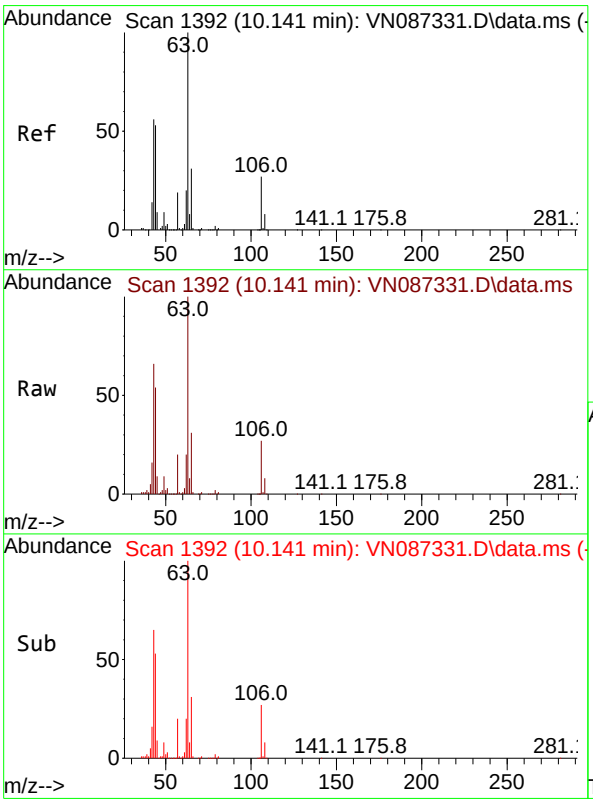
Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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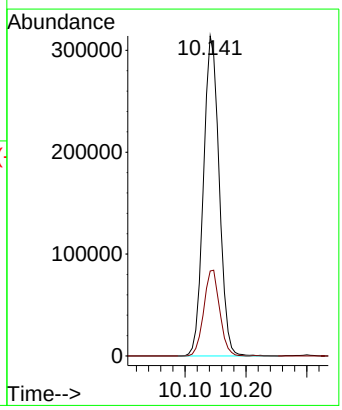
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

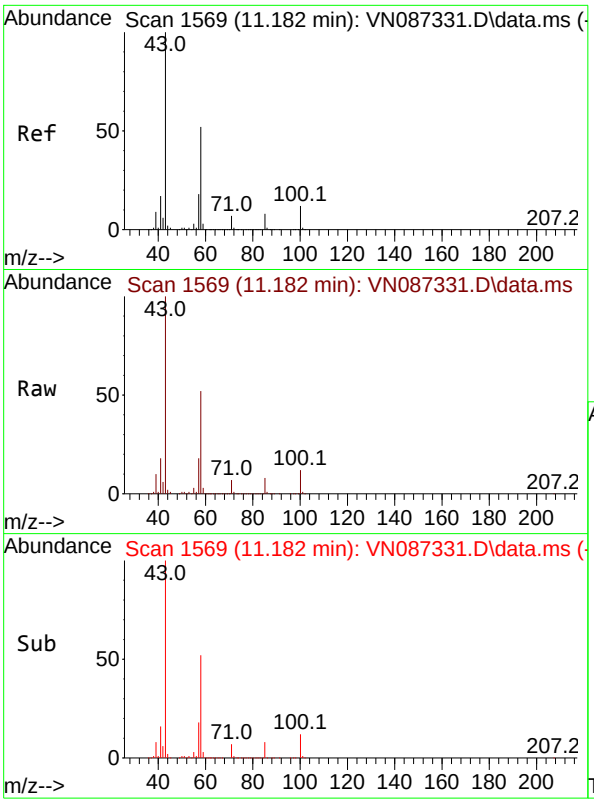


#58
2-Chloroethyl Vinyl ether
Concen: 290.607 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 63 Resp: 562790

Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.7	32.5

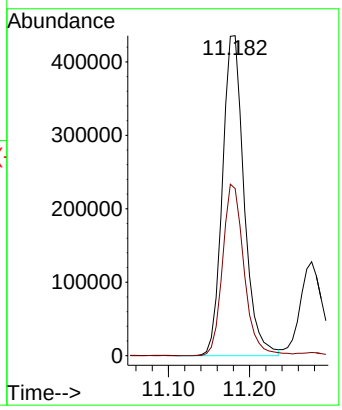




#59
2-Hexanone
Concen: 288.920 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 80682

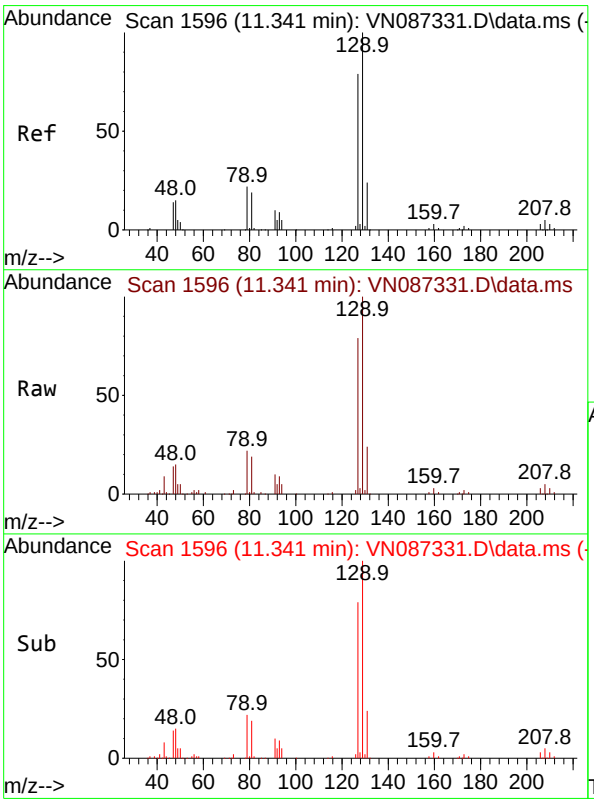
Ion	Ratio	Lower	Upper
43	100		
58	53.3	26.7	80.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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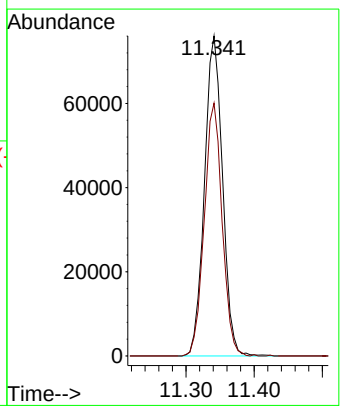
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

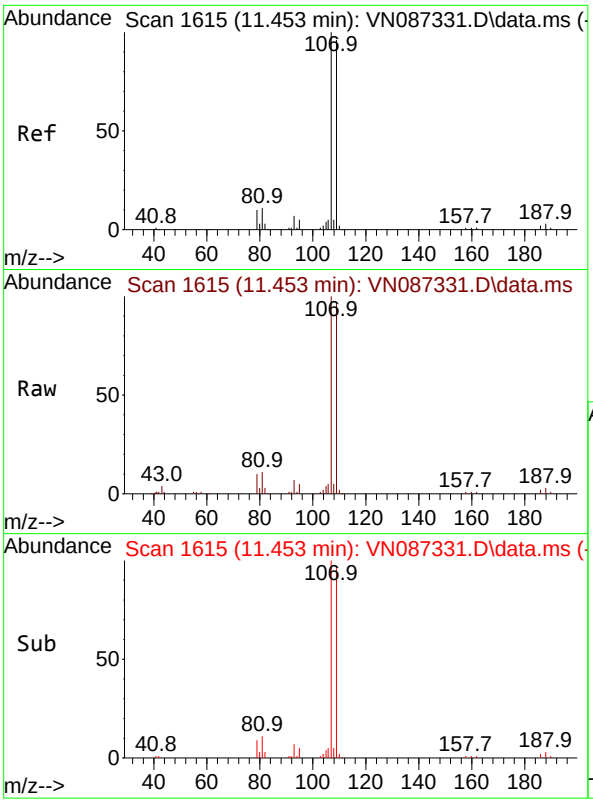


#60
Dibromochloromethane
Concen: 51.982 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:129 Resp: 139955

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.5

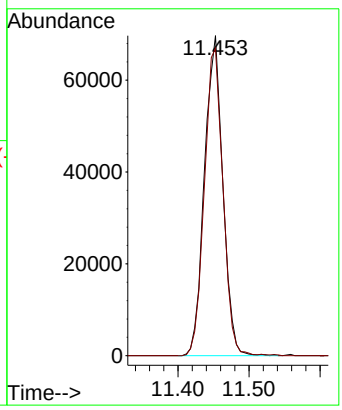




#61
1,2-Dibromoethane
Concen: 50.525 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:107 Resp: 12541

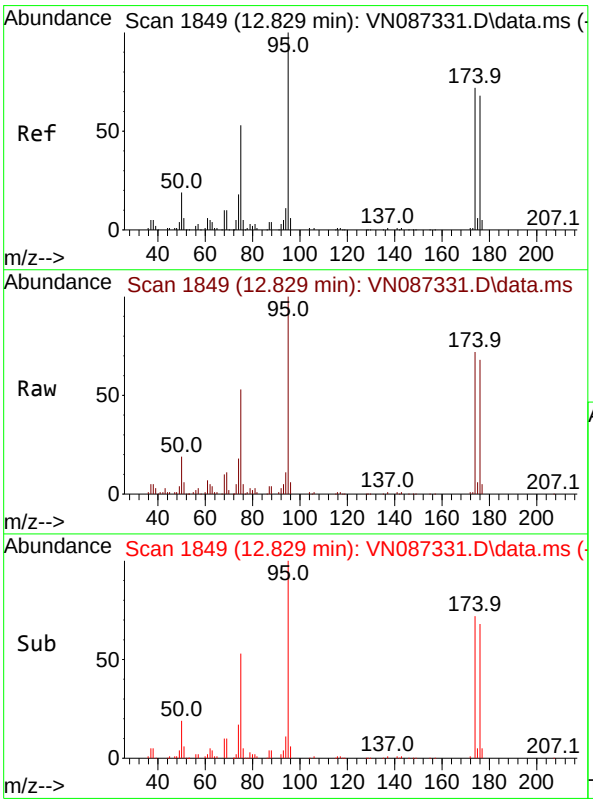
Ion	Ratio	Lower	Upper
107	100		
109	96.9	77.5	116.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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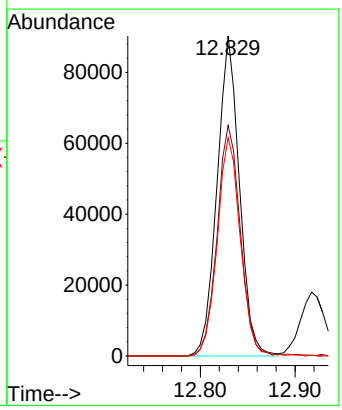
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

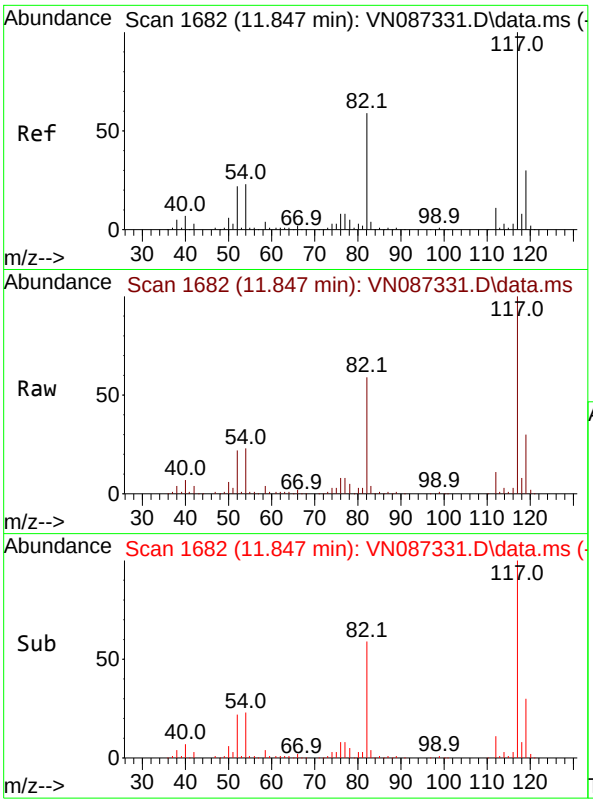


#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 95 Resp: 148158

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	149.4
176	70.6	0.0	141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

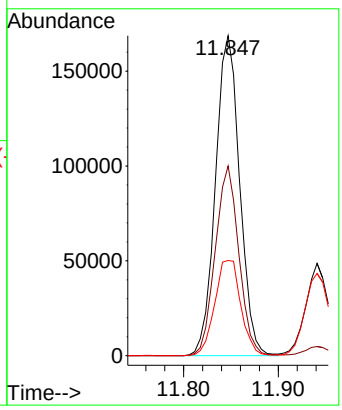
Tgt Ion:117 Resp: 30015

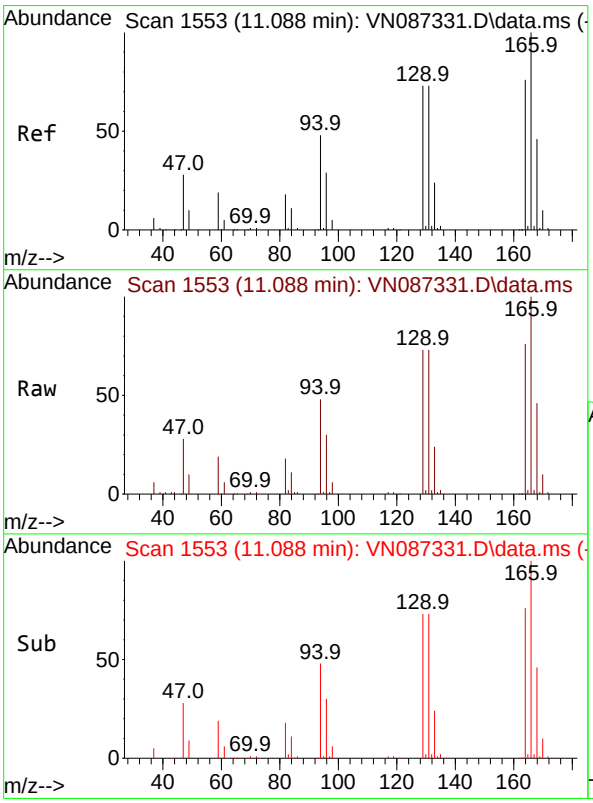
Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	29.8	23.8	35.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

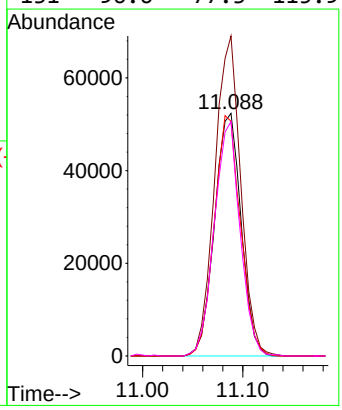


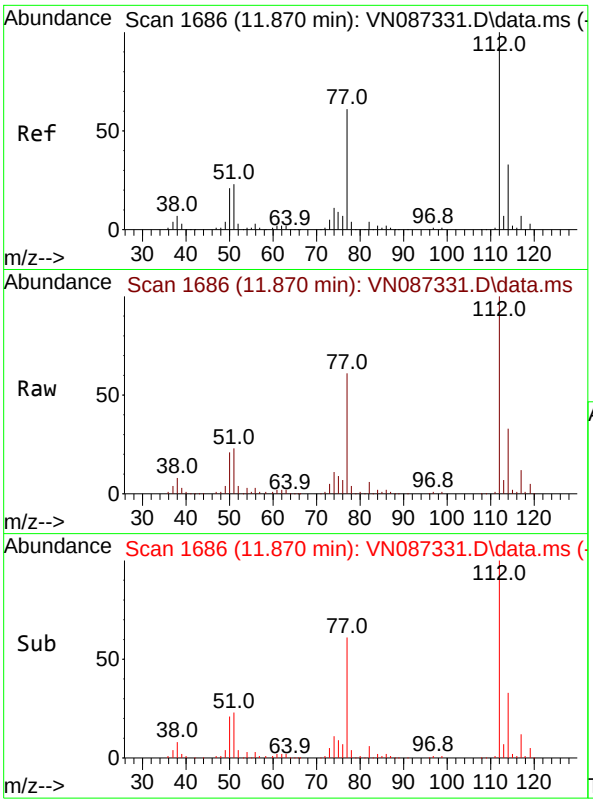


#64
Tetrachloroethene
Concen: 49.786 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:164 Resp: 96176

Ion	Ratio	Lower	Upper
164	100		
166	131.9	105.5	158.3
129	96.8	77.4	116.2
131	96.6	77.3	115.9

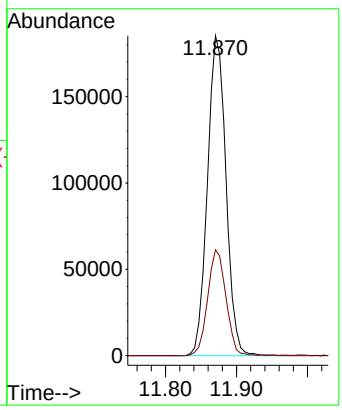




#65
Chlorobenzene
Concen: 49.837 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:112 Resp: 33583

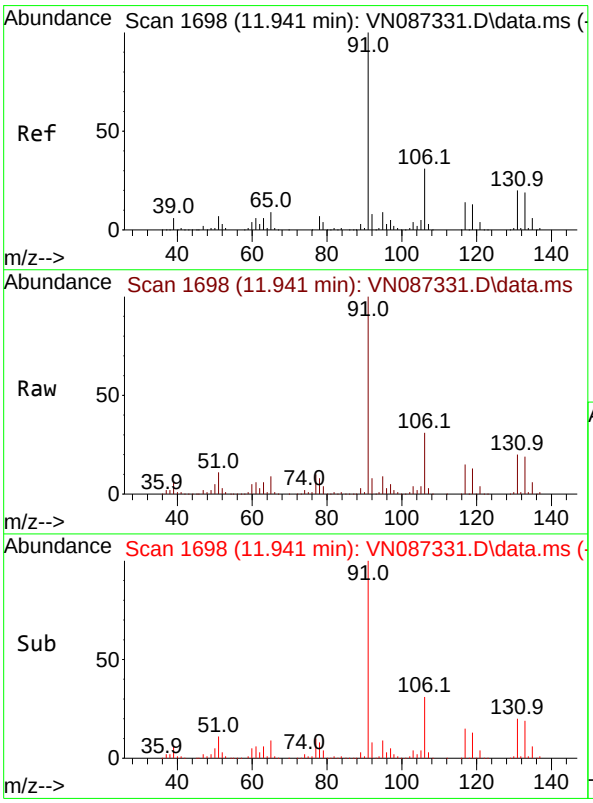
Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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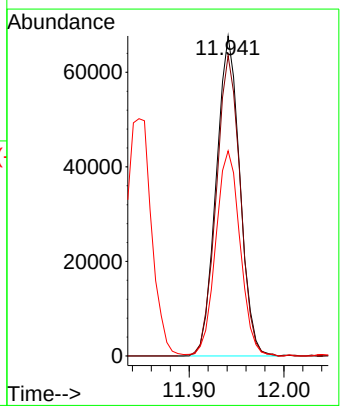
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

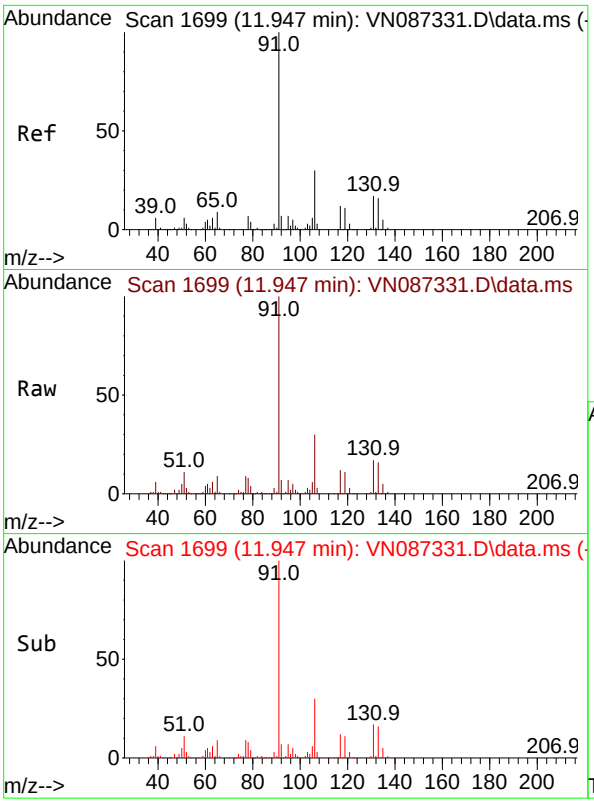


#66
1,1,1,2-Tetrachloroethane
Concen: 51.425 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:131 Resp: 117833

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.4	142.3
119	66.1	33.1	99.2





#67
Ethyl Benzene
Concen: 52.540 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

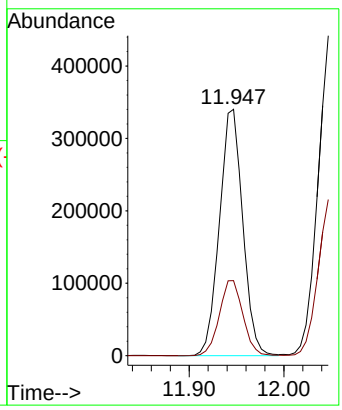
Tgt Ion: 91 Resp: 58285

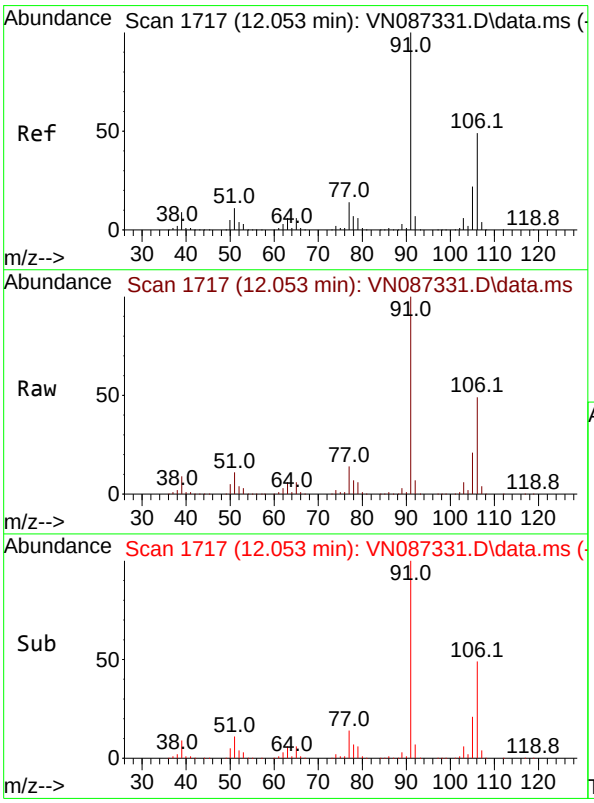
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

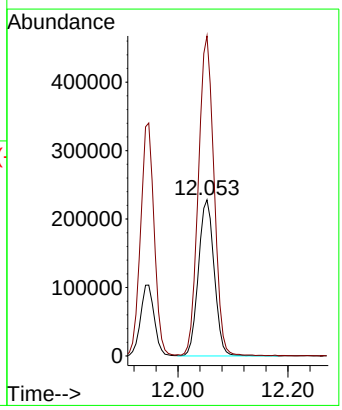


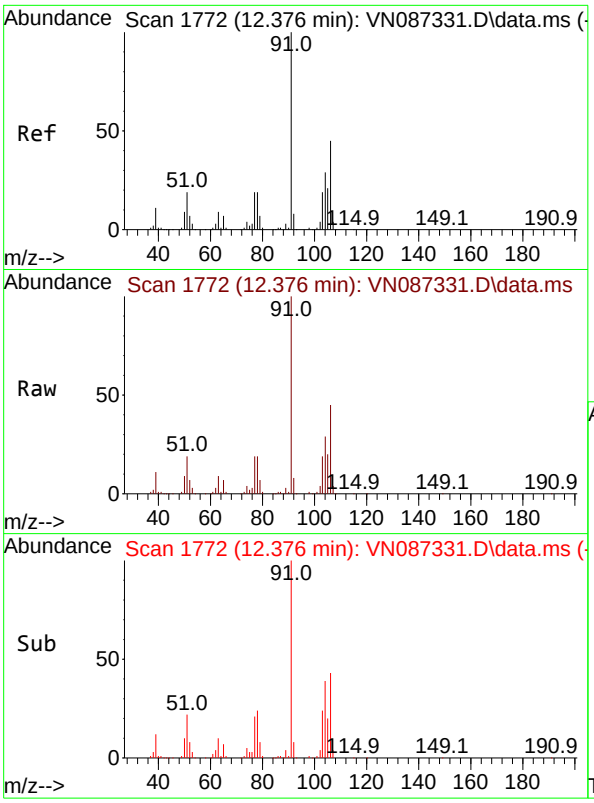


#68
m/p-Xylenes
Concen: 109.536 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:106 Resp: 455017

Ion	Ratio	Lower	Upper
106	100		
91	202.5	162.0	243.0





#69
o-Xylene
Concen: 54.717 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

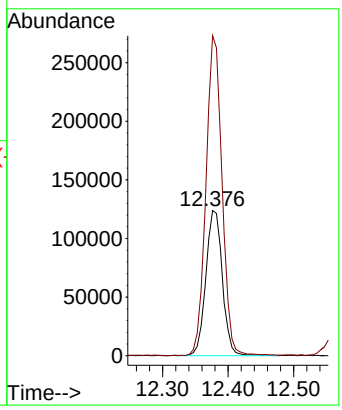
Tgt Ion:106 Resp: 21712

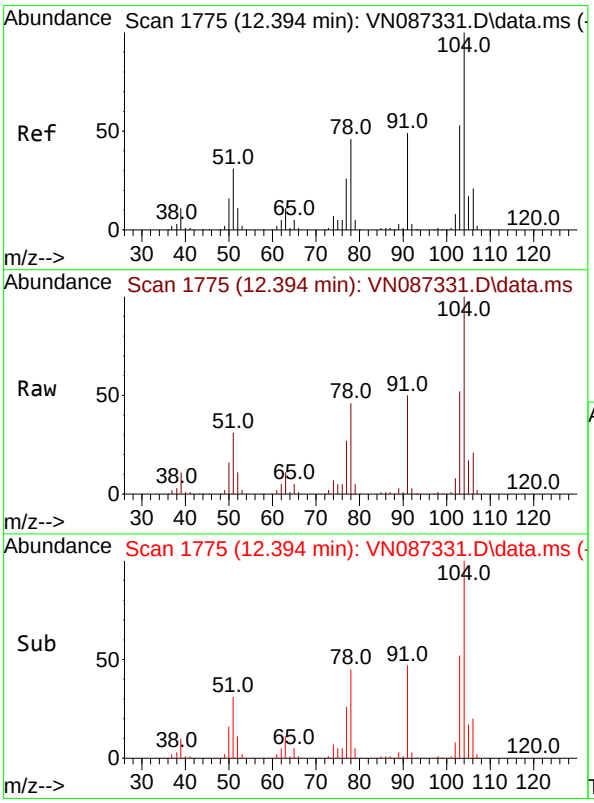
Ion	Ratio	Lower	Upper
106	100		
91	215.5	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

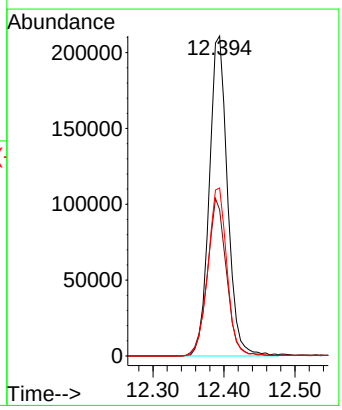


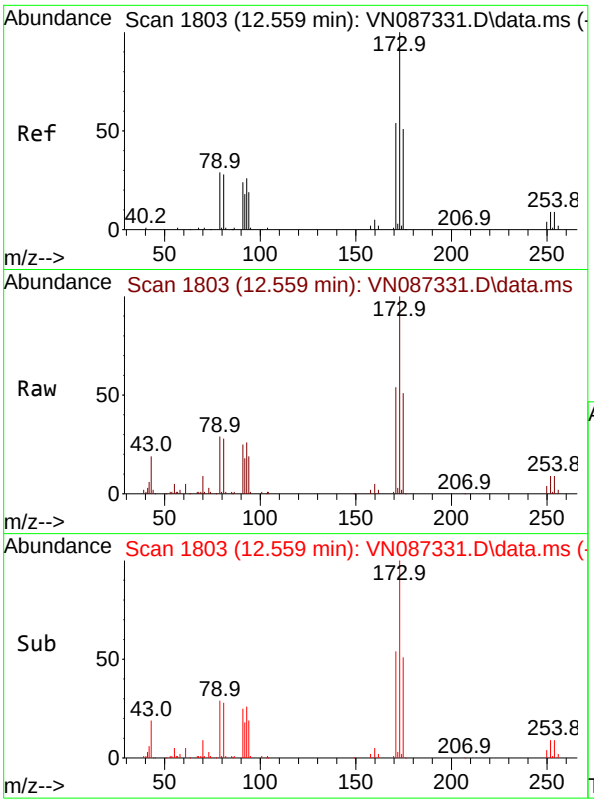


#70
Styrene
Concen: 56.440 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:104 Resp: 376745

Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.0	61.6
103	54.9	43.9	65.9

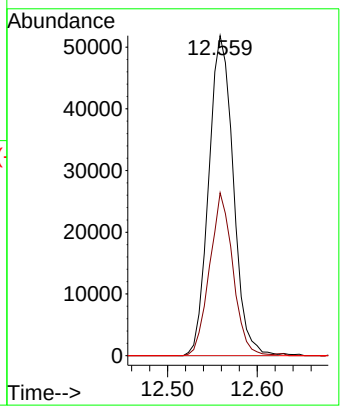




#71
Bromoform
Concen: 53.237 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:173 Resp: 9854

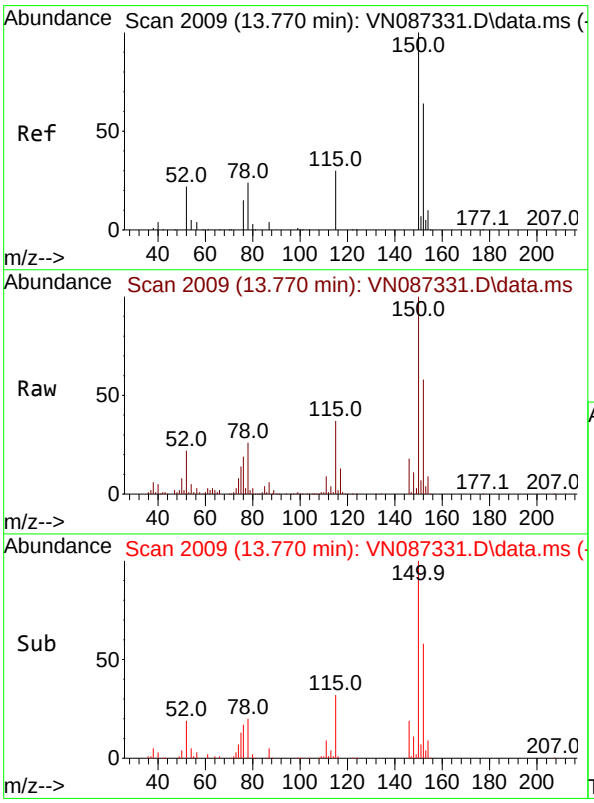
Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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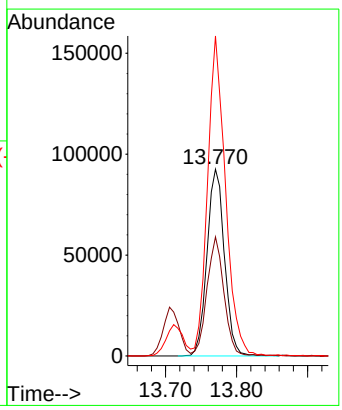
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

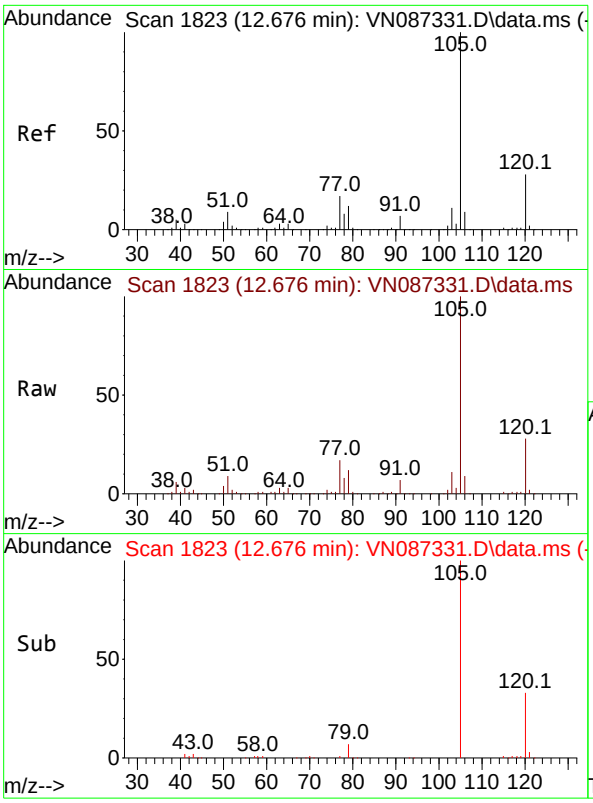


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:152 Resp: 158477

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.1	93.5
150	174.5	0.0	349.0

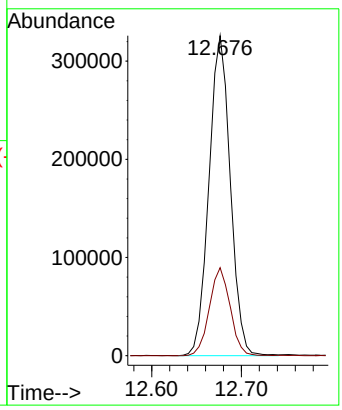




#73
Isopropylbenzene
Concen: 53.964 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 53824

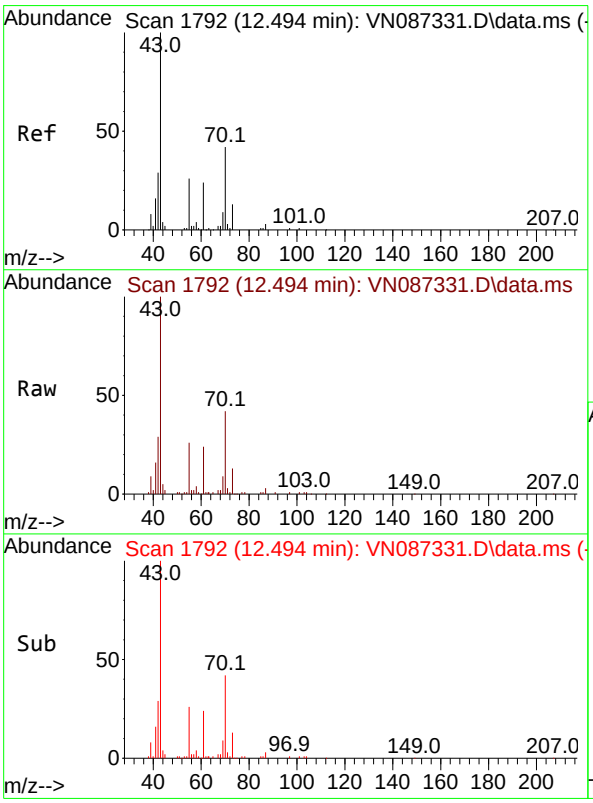
Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

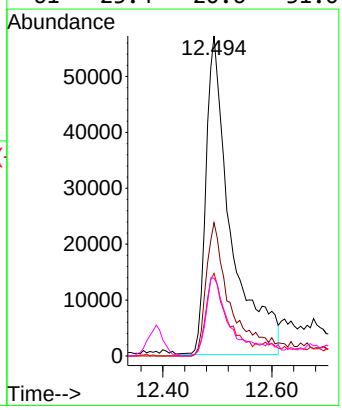
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

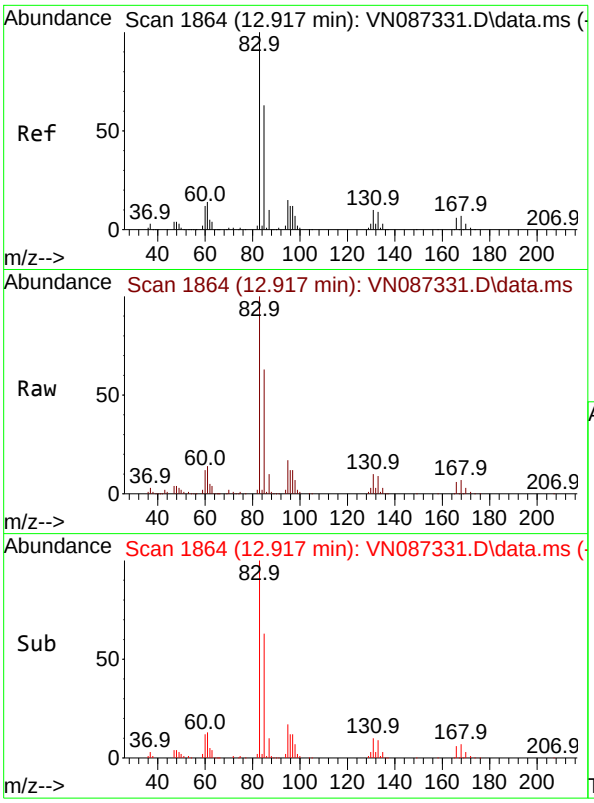


#74
N-amyl acetate
Concen: 46.310 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 180343

Ion	Ratio	Lower	Upper
43	100		
70	42.5	37.6	56.4
55	22.2	19.6	29.4
61	23.4	20.6	31.0

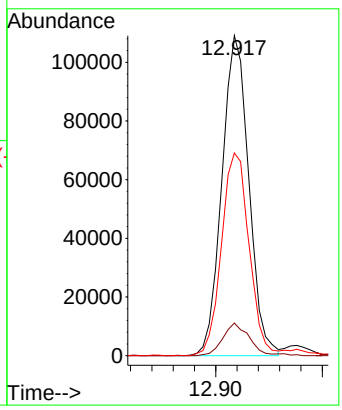




#75
1,1,2,2-Tetrachloroethane
Concen: 50.964 ug/l
RT: 12.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 83 Resp: 19127

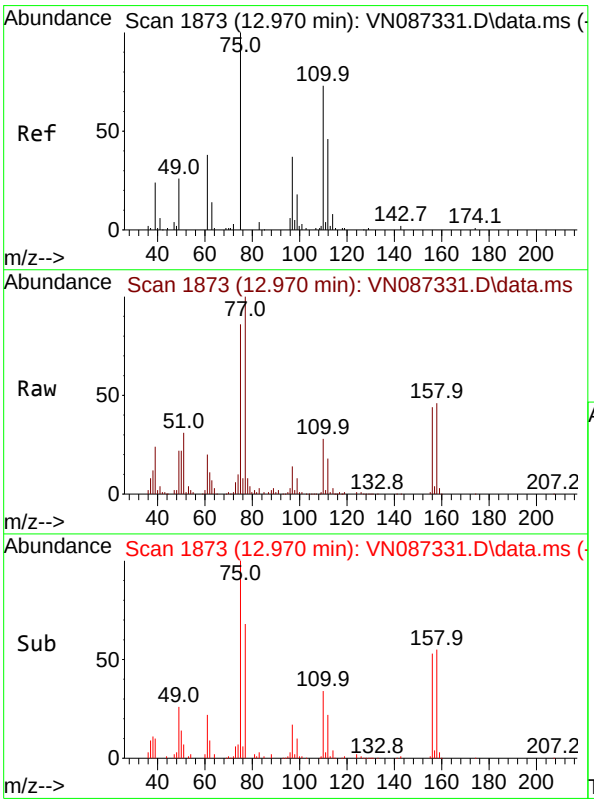
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.9	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

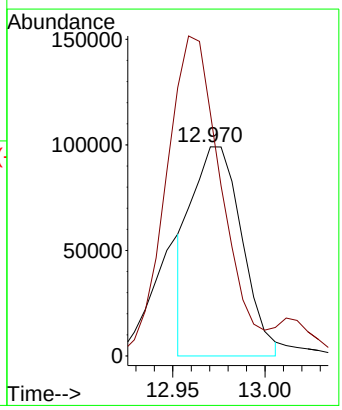
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

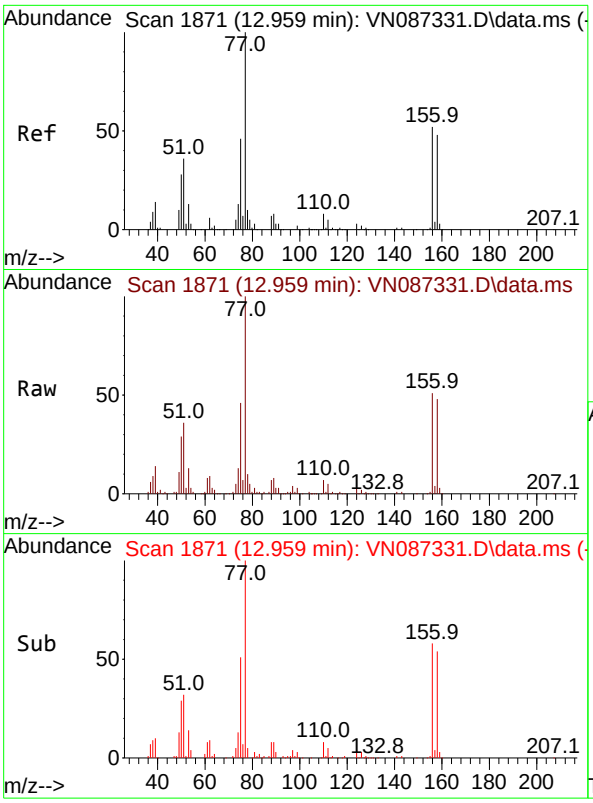


#76
1,2,3-Trichloropropane
Concen: 53.705 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 188824

Ion	Ratio	Lower	Upper
75	100		
77	167.4	94.5	283.6

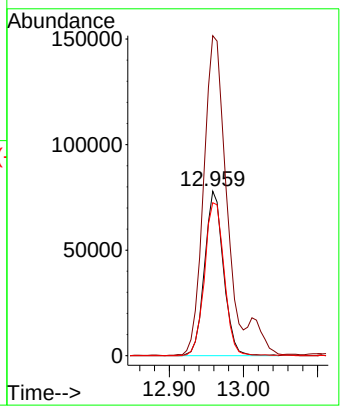




#77
Bromobenzene
Concen: 53.221 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:156 Resp: 13766

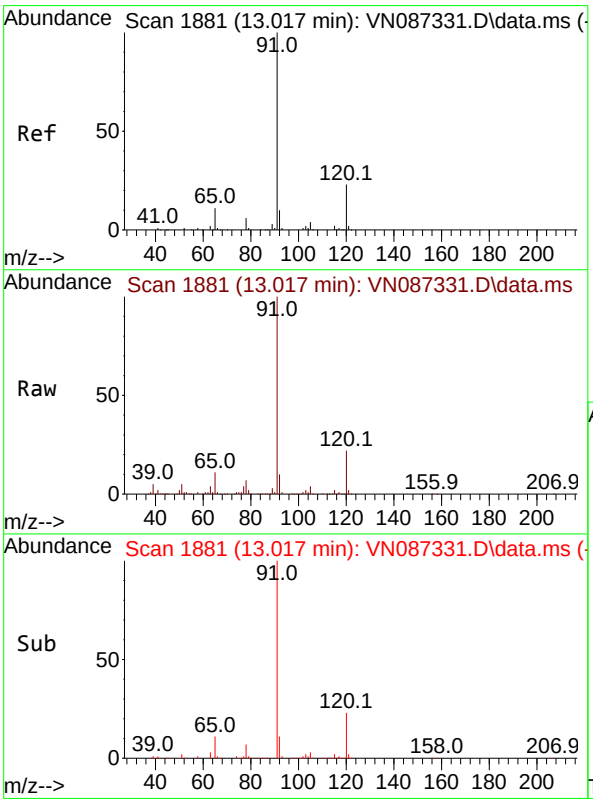
Ion	Ratio	Lower	Upper
156	100		
77	229.7	114.9	344.6
158	97.0	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

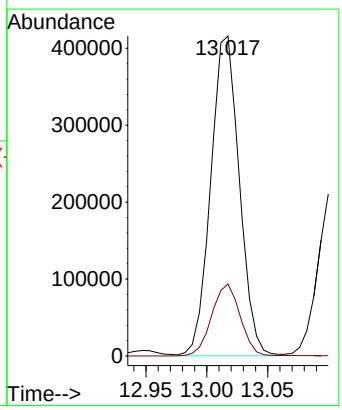
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

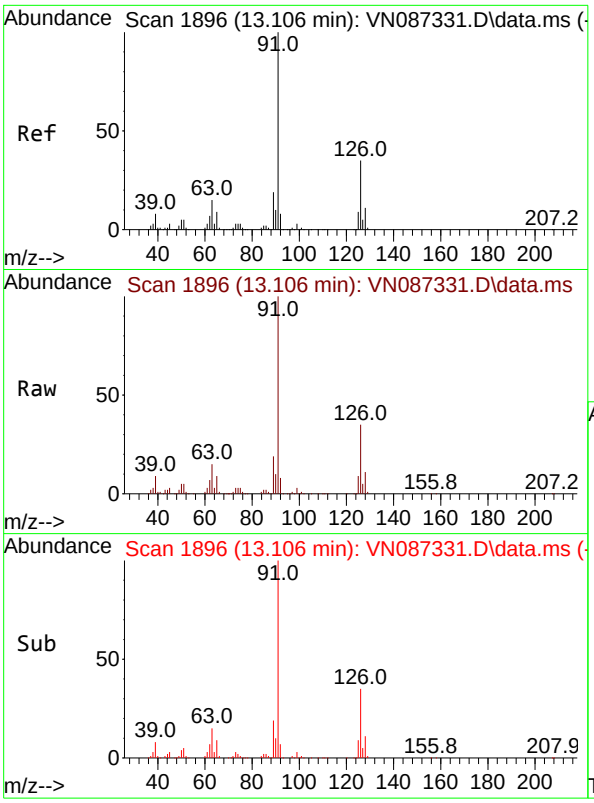


#78
n-propylbenzene
Concen: 54.227 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 680506

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8

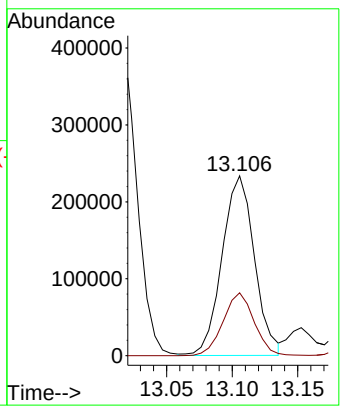




#79
2-Chlorotoluene
Concen: 52.051 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 40144

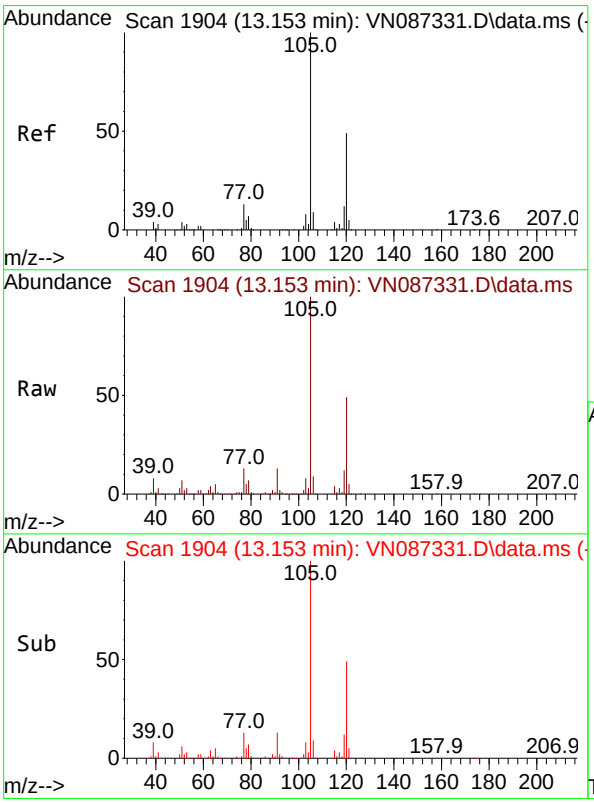
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

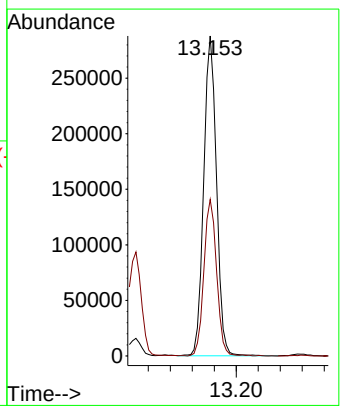
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

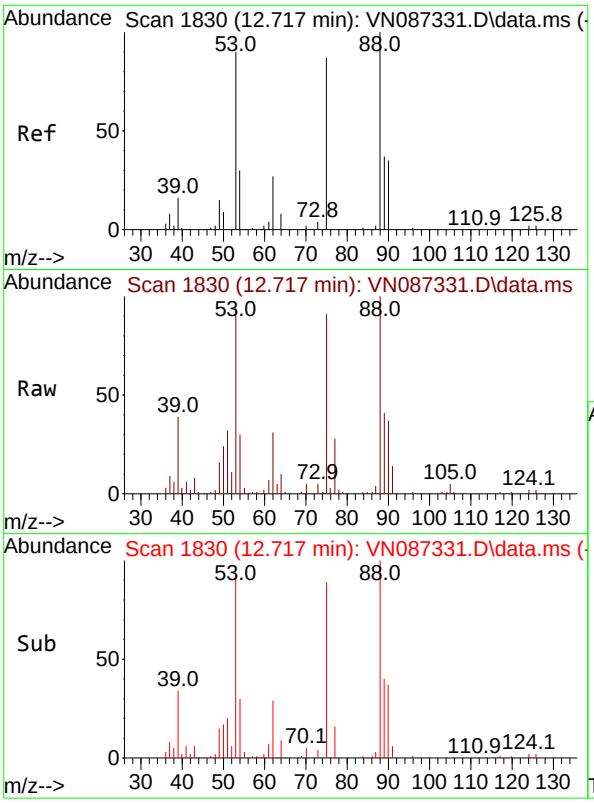


#80
1,3,5-Trimethylbenzene
Concen: 54.607 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 464063

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.3	72.8

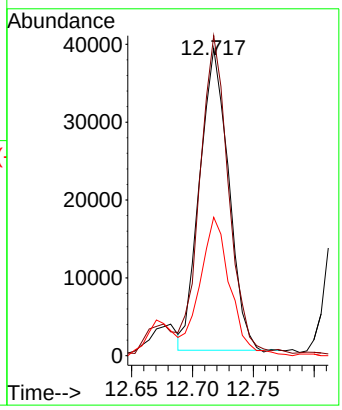




#81
trans-1,4-Dichloro-2-butene
Concen: 49.271 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 6399

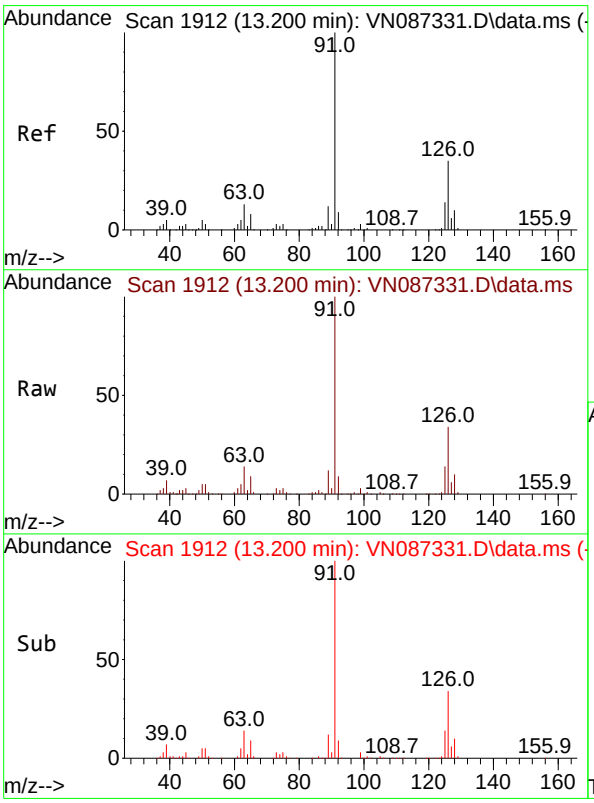
Ion	Ratio	Lower	Upper
75	100		
53	104.5	83.5	125.3
89	48.0	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

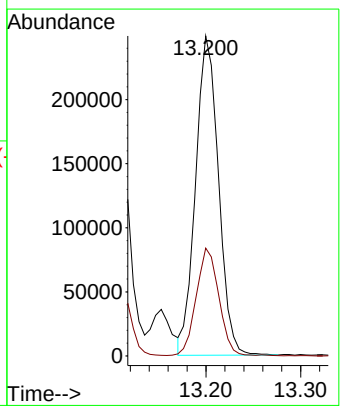
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

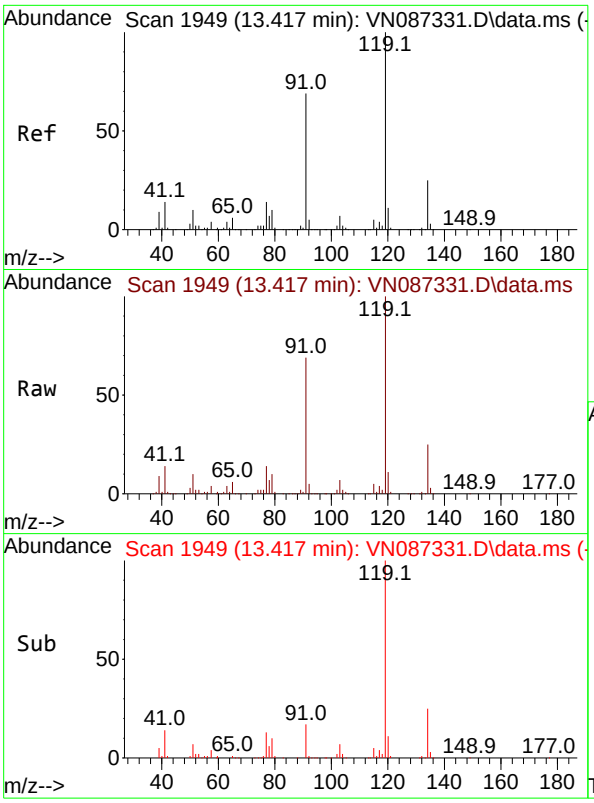


#82
4-Chlorotoluene
Concen: 52.240 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 419474

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

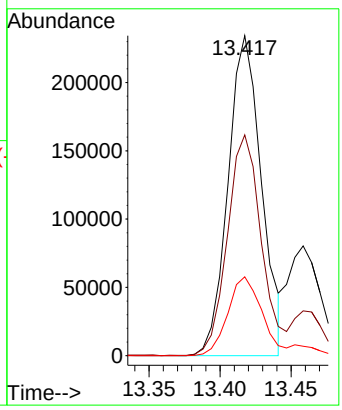




#83
tert-Butylbenzene
Concen: 54.099 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:119 Resp: 38398

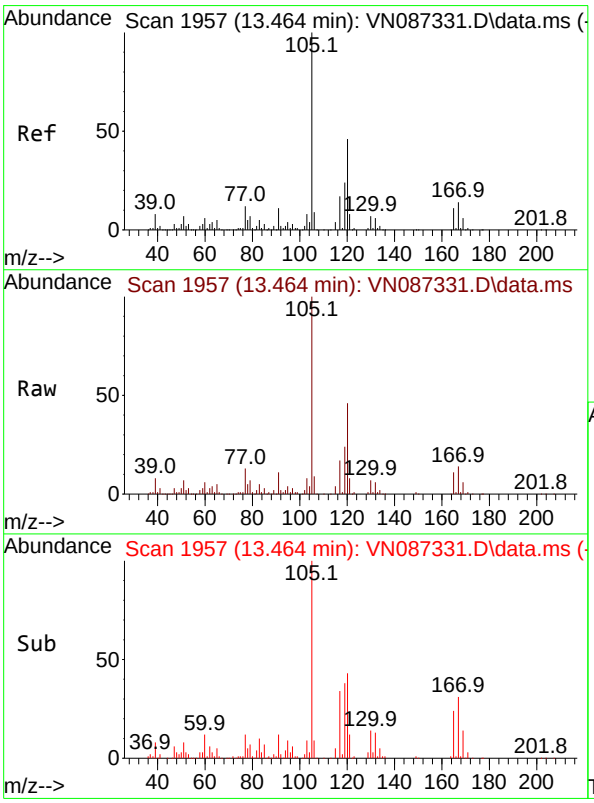
Ion	Ratio	Lower	Upper
119	100		
91	70.1	35.0	105.1
134	25.1	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

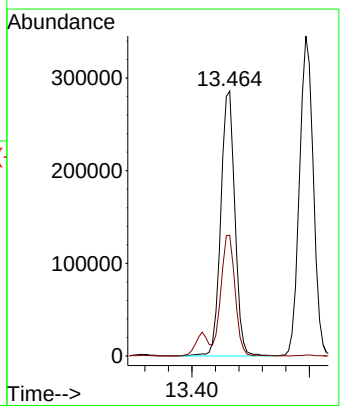
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

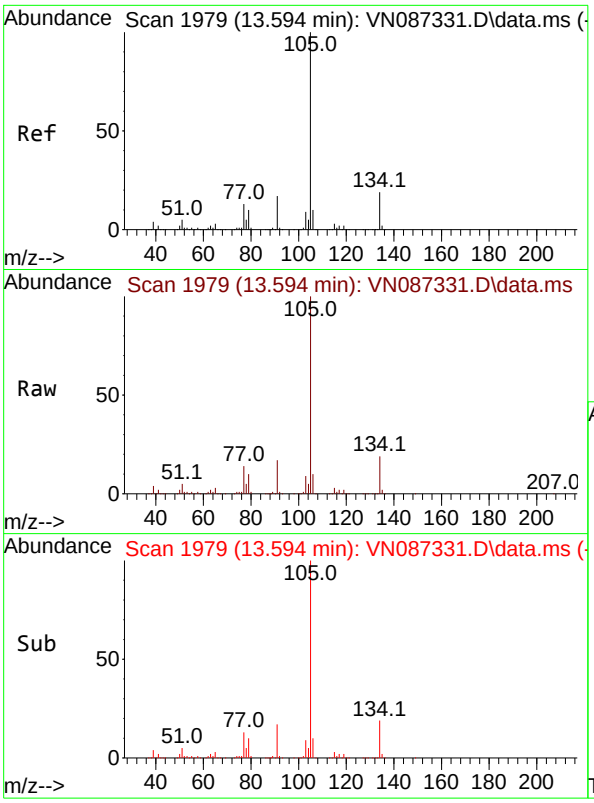


#84
1,2,4-Trimethylbenzene
Concen: 54.846 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 475982

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3

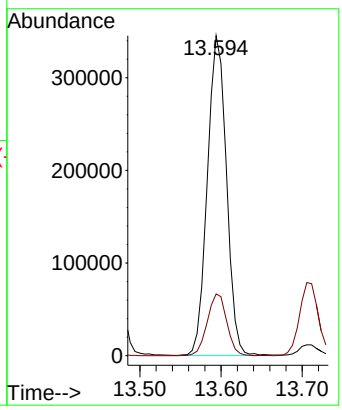




#85
sec-Butylbenzene
Concen: 52.851 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 56503

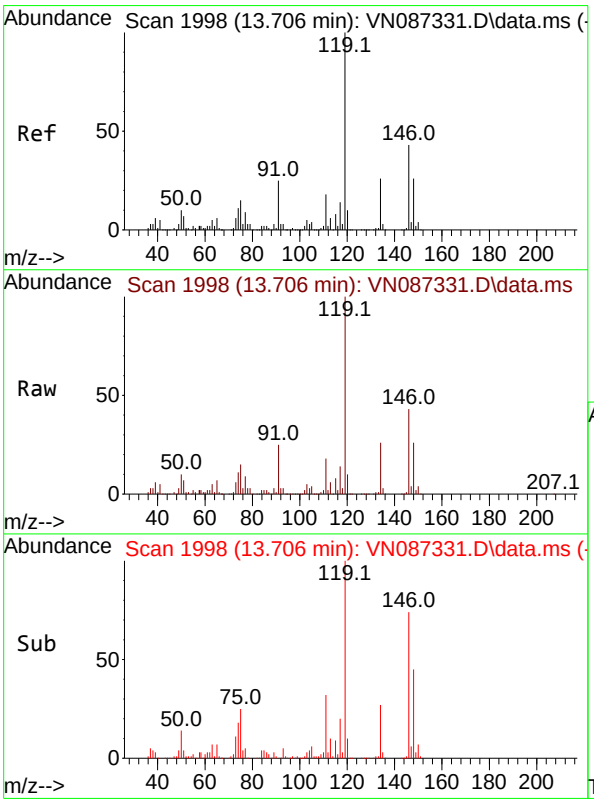
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

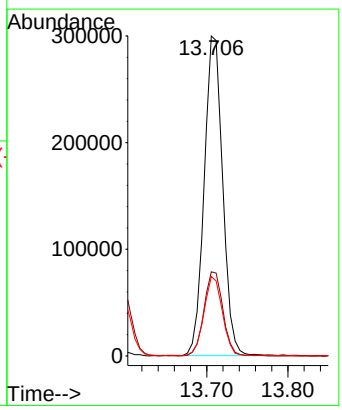
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

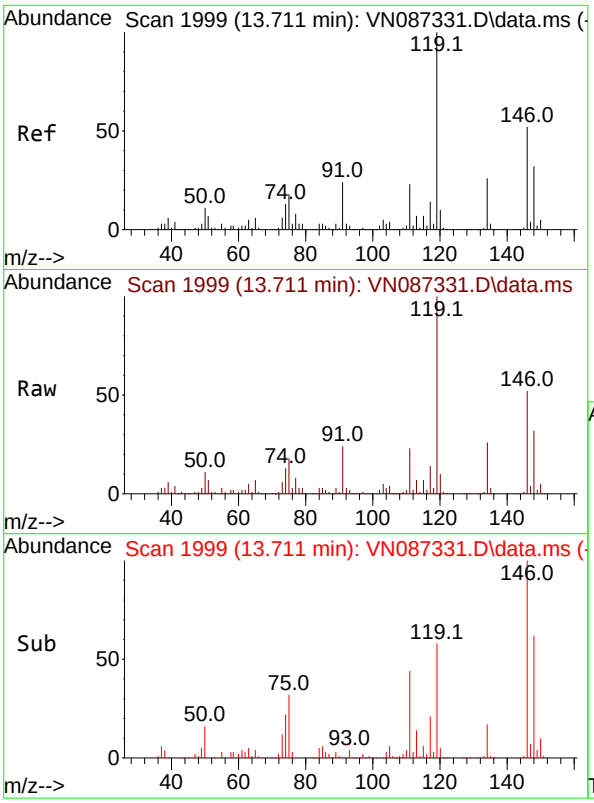


#86
p-Isopropyltoluene
Concen: 55.316 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:119 Resp: 473942

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	24.4	12.2	36.6

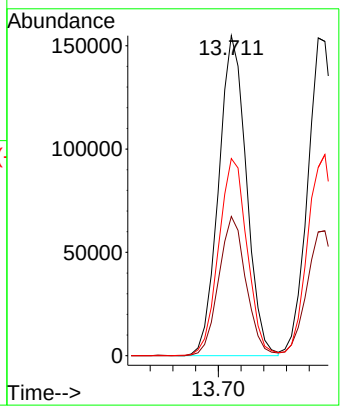




#87
1,3-Dichlorobenzene
Concen: 51.740 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:146 Resp: 26267

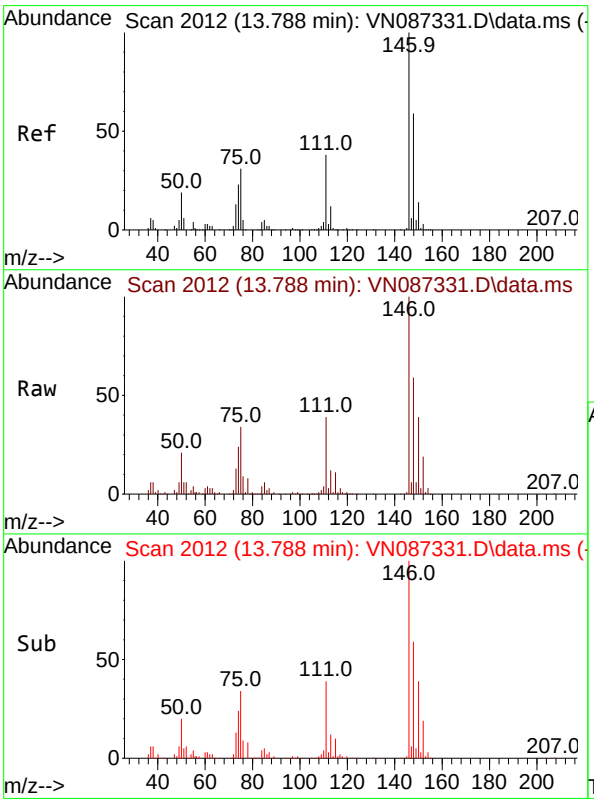
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.4	64.3
148	63.3	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

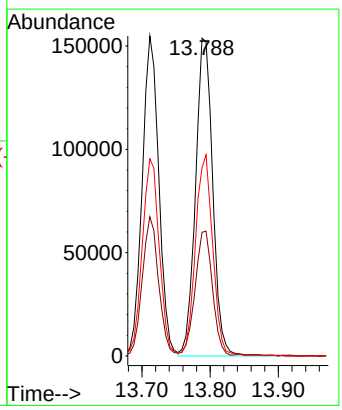
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

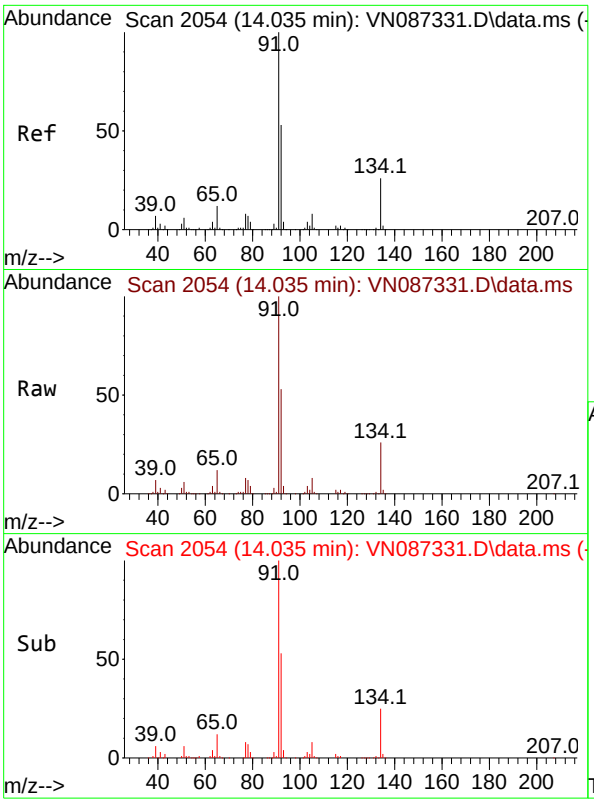


#88
1,4-Dichlorobenzene
Concen: 49.773 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:146 Resp: 269881

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	62.7	31.4	94.0

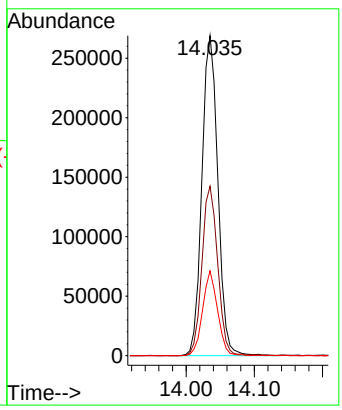




#89
n-Butylbenzene
Concen: 53.478 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 43751

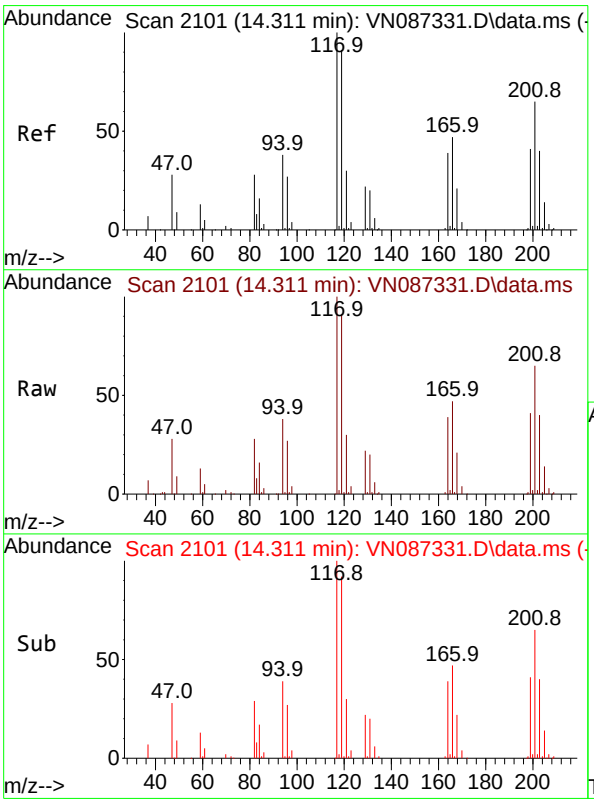
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.6
134	24.8	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

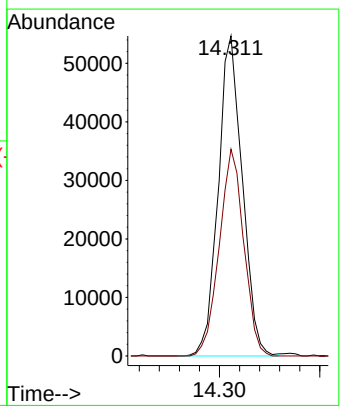
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

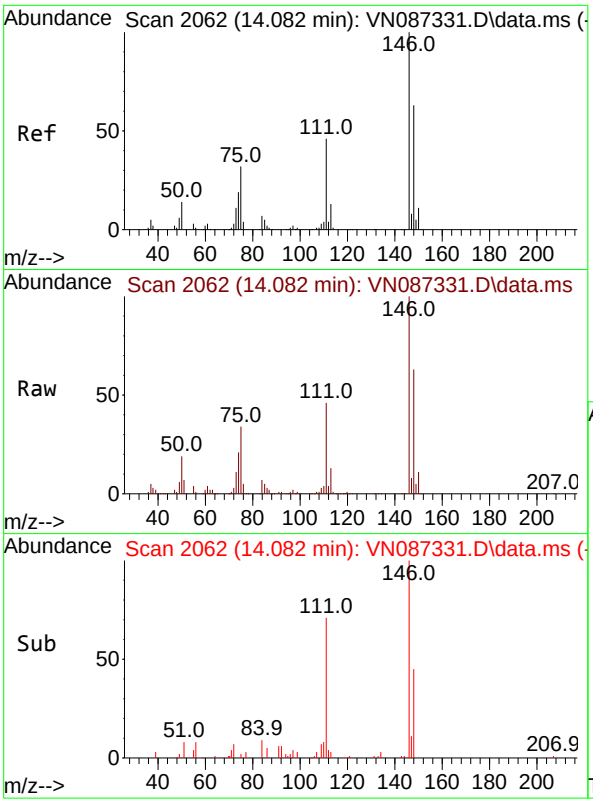


#90
Hexachloroethane
Concen: 50.301 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:117 Resp: 91313

Ion	Ratio	Lower	Upper
117	100		
201	65.6	32.8	98.4

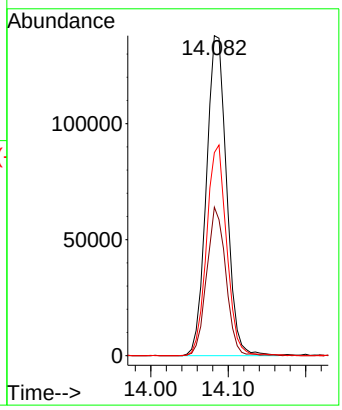




#91
1,2-Dichlorobenzene
Concen: 51.977 ug/l
RT: 14.082 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:146 Resp: 24998

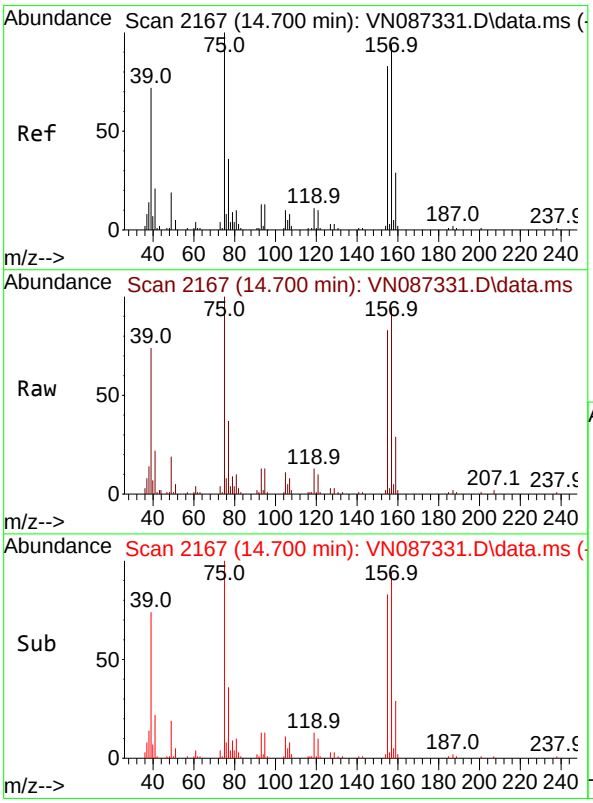
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	65.4	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

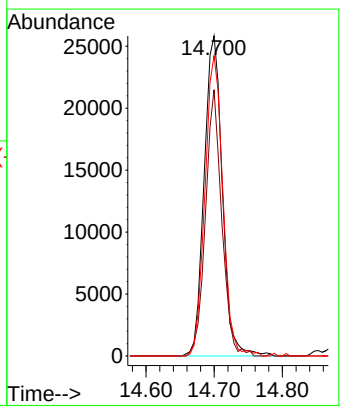
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

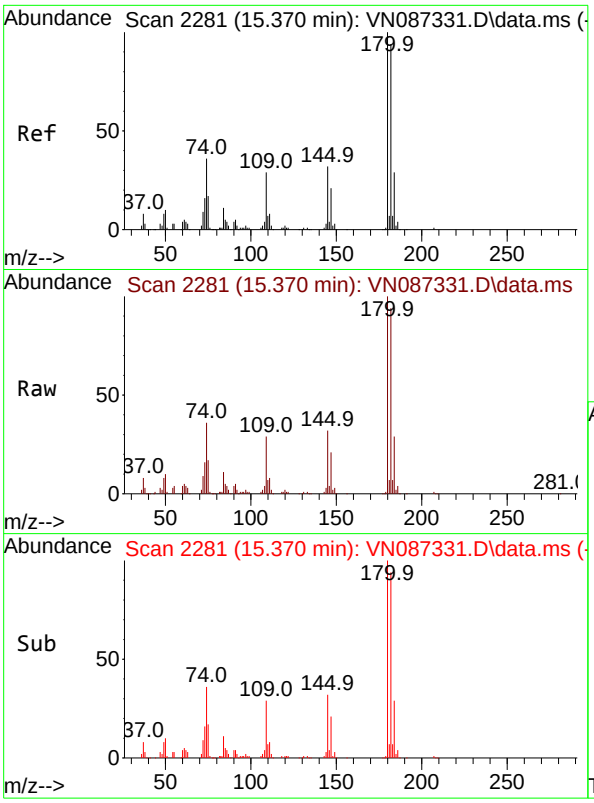


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.643 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 75 Resp: 47931

Ion	Ratio	Lower	Upper
75	100		
155	74.5	37.3	111.8
157	92.4	46.2	138.6

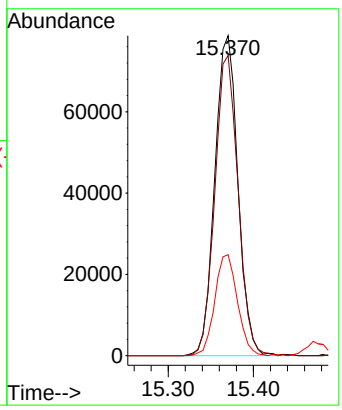




#93
1,2,4-Trichlorobenzene
Concen: 52.553 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:180 Resp: 14847

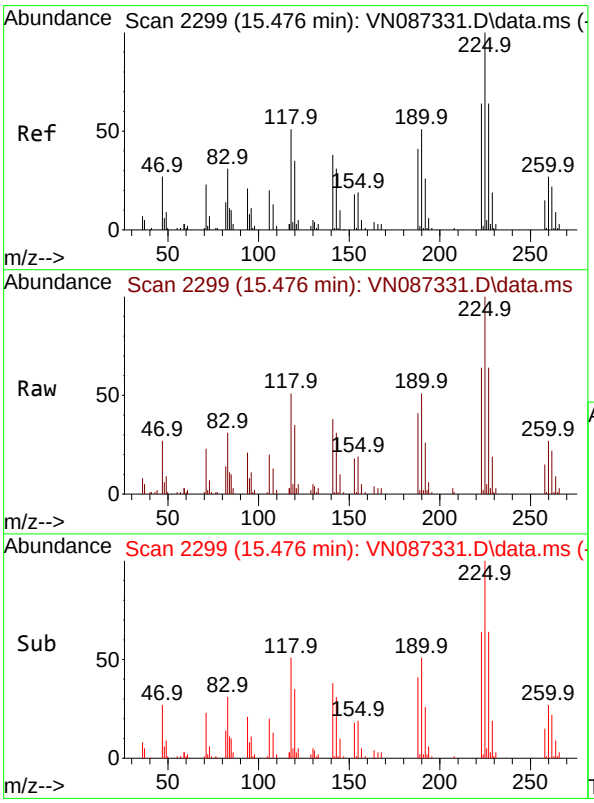
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	30.9	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

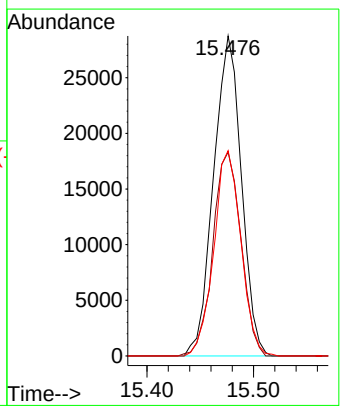
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

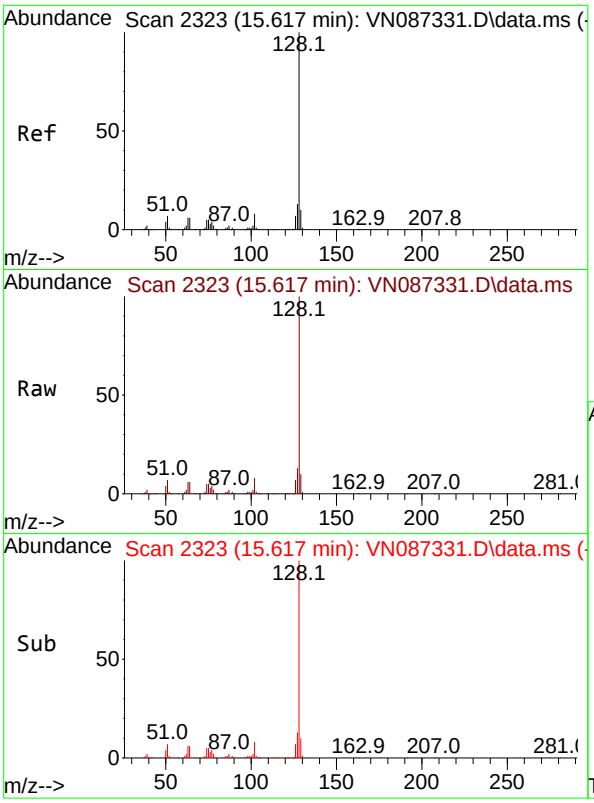


#94
Hexachlorobutadiene
Concen: 49.659 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:225 Resp: 52130

Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.1	96.3
227	62.6	31.3	93.9

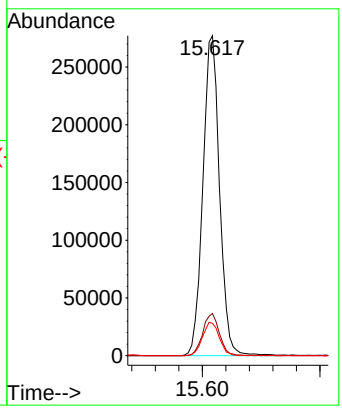




#95
Naphthalene
Concen: 54.490 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:128 Resp: 54536

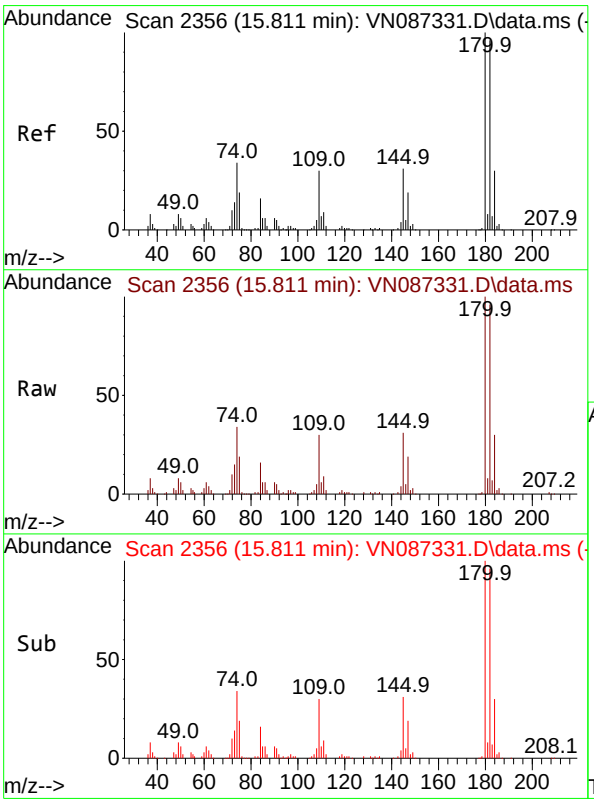
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.5	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

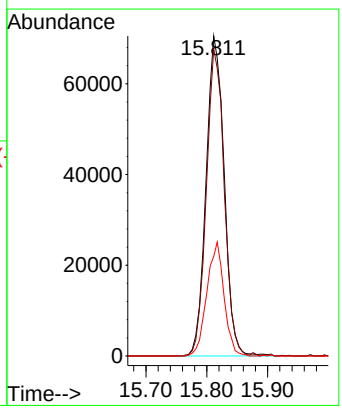
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.547 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:180 Resp: 146080

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	33.7	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	192275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	339591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	314849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	168489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	314416	96.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 192.740%#			
35) Dibromofluoromethane	8.153	113	236468	100.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.900%#			
50) Toluene-d8	10.547	98	852301	101.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 204.000%#			
62) 4-Bromofluorobenzene	12.829	95	323070	104.650	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 209.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	233197	114.190	ug/l	92
3) Chloromethane	2.383	50	253369	98.660	ug/l	98
4) Vinyl Chloride	2.542	62	266221	104.312	ug/l	94
5) Bromomethane	2.959	94	136793	103.503	ug/l	96
6) Chloroethane	3.124	64	159422	95.783	ug/l	92
7) Trichlorofluoromethane	3.501	101	369032	97.786	ug/l	98
8) Diethyl Ether	3.959	74	142652	97.445	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	188841	97.477	ug/l	100
10) Methyl Iodide	4.571	142	213127	100.524	ug/l	99
11) Tert butyl alcohol	5.536	59	309615	499.800	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197760	90.083	ug/l	95
13) Acrolein	4.177	56	250115	503.102	ug/l	99
14) Allyl chloride	5.006	41	382812	96.355	ug/l	100
15) Acrylonitrile	5.706	53	839080	499.150	ug/l	100
16) Acetone	4.424	43	693485	448.375	ug/l	96
17) Carbon Disulfide	4.695	76	631695	97.056	ug/l	95
18) Methyl Acetate	5.012	43	369894	96.247	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	818763	101.186	ug/l	98
20) Methylene Chloride	5.259	84	251830	98.001	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	237704	96.030	ug/l	94
22) Diisopropyl ether	6.659	45	832709	99.921	ug/l	96
23) Vinyl Acetate	6.594	43	3859420	529.516	ug/l	97
24) 1,1-Dichloroethane	6.553	63	455820	94.807	ug/l	100
25) 2-Butanone	7.471	43	1185700	501.667	ug/l	98
26) 2,2-Dichloropropane	7.477	77	358596	95.932	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	284578	99.858	ug/l	98
28) Bromochloromethane	7.800	49	229544	99.757	ug/l	100
29) Tetrahydrofuran	7.830	42	768521	500.532	ug/l	98
30) Chloroform	7.953	83	466838	97.008	ug/l	99
31) Cyclohexane	8.241	56	377159	94.035	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	403445	96.794	ug/l	97
36) 1,1-Dichloropropene	8.353	75	324047	104.705	ug/l	99
37) Ethyl Acetate	7.547	43	448428	100.326	ug/l	99
38) Carbon Tetrachloride	8.347	117	342043	100.328	ug/l	99
39) Methylcyclohexane	9.582	83	352211	105.118	ug/l	96
40) Benzene	8.588	78	1007257	100.700	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	239659	102.544	ug/l		99
42) 1,2-Dichloroethane	8.653	62	369731	97.472	ug/l		99
43) Isopropyl Acetate	8.677	43	704936	101.598	ug/l		99
44) Trichloroethene	9.335	130	230373	97.472	ug/l		93
45) 1,2-Dichloropropane	9.606	63	255369	100.478	ug/l		96
46) Dibromomethane	9.694	93	185908	97.696	ug/l		98
47) Bromodichloromethane	9.871	83	375910	98.072	ug/l		97
48) Methyl methacrylate	9.665	41	334941	107.228	ug/l		97
49) 1,4-Dioxane	9.688	88	102159	2135.348	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.429	43	2234274	509.127	ug/l		100
52) Toluene	10.612	92	622259	102.349	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	412142	106.245	ug/l		100
54) cis-1,3-Dichloropropene	10.294	75	421386	105.164	ug/l		98
55) 1,1,2-Trichloroethane	11.000	97	242683	98.595	ug/l		97
56) Ethyl methacrylate	10.859	69	425458	98.980	ug/l		98
57) 1,3-Dichloropropane	11.147	76	431753	101.453	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1052628	521.327	ug/l		99
59) 2-Hexanone	11.176	43	1631949	560.508	ug/l		99
60) Dibromochloromethane	11.341	129	287682	102.484	ug/l		99
61) 1,2-Dibromoethane	11.453	107	258936	100.051	ug/l		98
64) Tetrachloroethene	11.082	164	195044	96.252	ug/l		97
65) Chlorobenzene	11.871	112	687696	97.289	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	239722	99.736	ug/l		99
67) Ethyl Benzene	11.947	91	1199510	103.080	ug/l		99
68) m/p-Xylenes	12.053	106	924069	212.065	ug/l		99
69) o-Xylene	12.376	106	447092	107.413	ug/l		100
70) Styrene	12.394	104	766471	109.464	ug/l		98
71) Bromoform	12.559	173	202915	104.498	ug/l	#	99
73) Isopropylbenzene	12.676	105	1112821	104.940	ug/l		100
74) N-amyl acetate	12.482	43	464246	112.129	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.918	83	389392	97.587	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	326434m	87.327	ug/l		
77) Bromobenzene	12.959	156	279589	101.662	ug/l		100
78) n-propylbenzene	13.018	91	1384517	103.771	ug/l		99
79) 2-Chlorotoluene	13.106	91	840073	102.452	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	943119	104.383	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	140673	101.874	ug/l		96
82) 4-Chlorotoluene	13.200	91	859965	100.734	ug/l		99
83) tert-Butylbenzene	13.418	119	800700	106.106	ug/l		99
84) 1,2,4-Trimethylbenzene	13.459	105	967878	104.898	ug/l		100
85) sec-Butylbenzene	13.594	105	1141320	100.410	ug/l		98
86) p-Isopropyltoluene	13.706	119	975014	107.037	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	535172	99.151	ug/l		100
88) 1,4-Dichlorobenzene	13.788	146	548212	95.097	ug/l		99
89) n-Butylbenzene	14.035	91	880763	101.260	ug/l		99
90) Hexachloroethane	14.312	117	185973	96.358	ug/l		98
91) 1,2-Dichlorobenzene	14.082	146	508902	99.523	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	97572	93.137	ug/l		94
93) 1,2,4-Trichlorobenzene	15.364	180	310448	103.357	ug/l		99
94) Hexachlorobutadiene	15.476	225	106429	95.360	ug/l		98
95) Naphthalene	15.611	128	1162930	109.289	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	308888	102.519	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:20:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

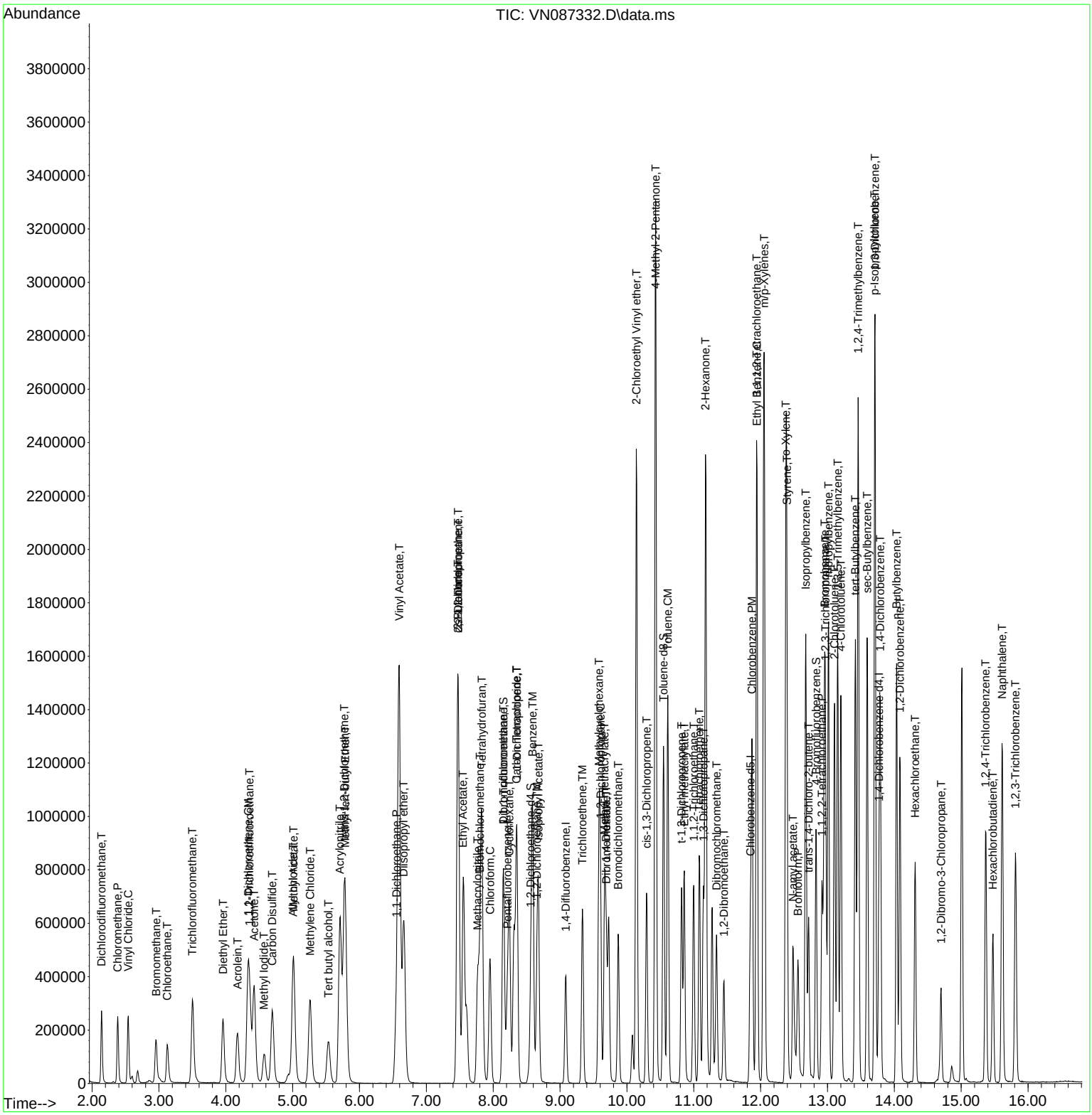
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Data File : VN087332.D
Acq On : 16 Jul 2025 18:32
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

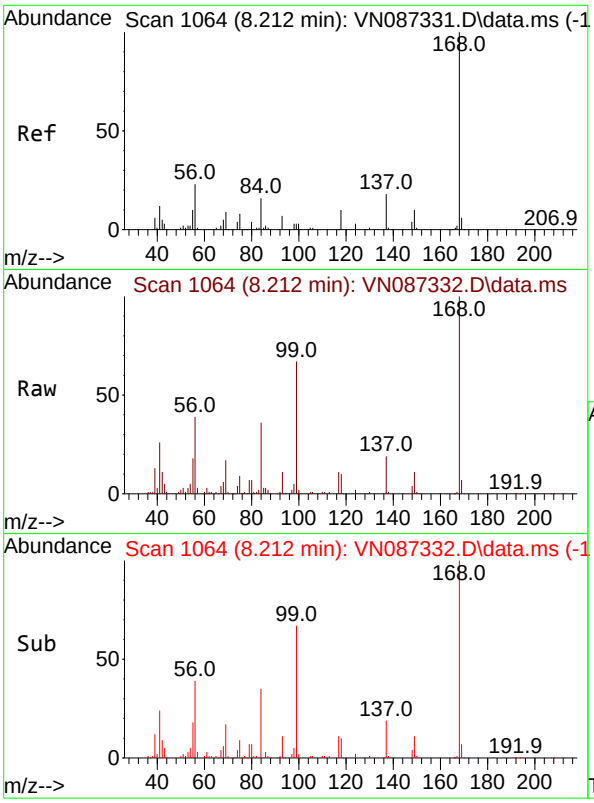
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

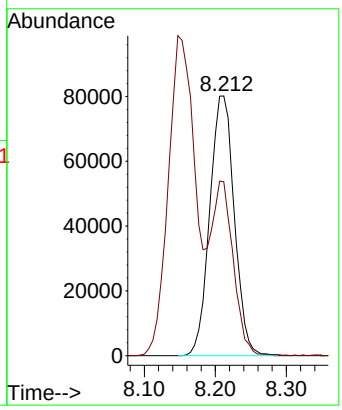




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:168 Resp: 19227

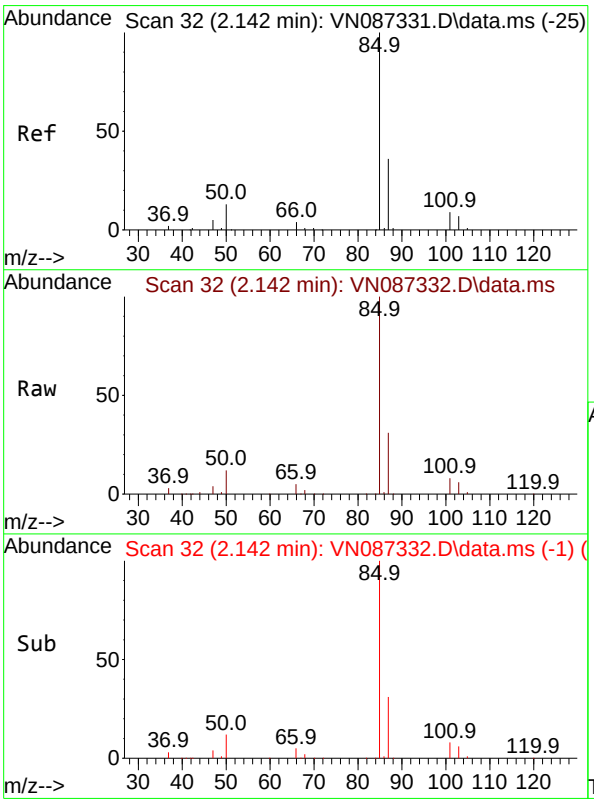
Ion	Ratio	Lower	Upper
168	100		
99	66.5	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

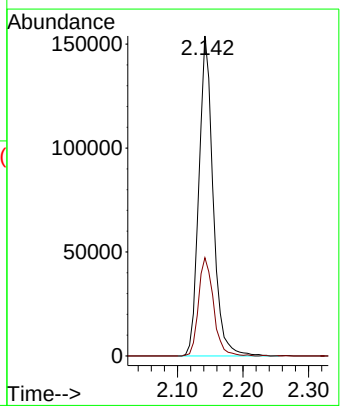
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

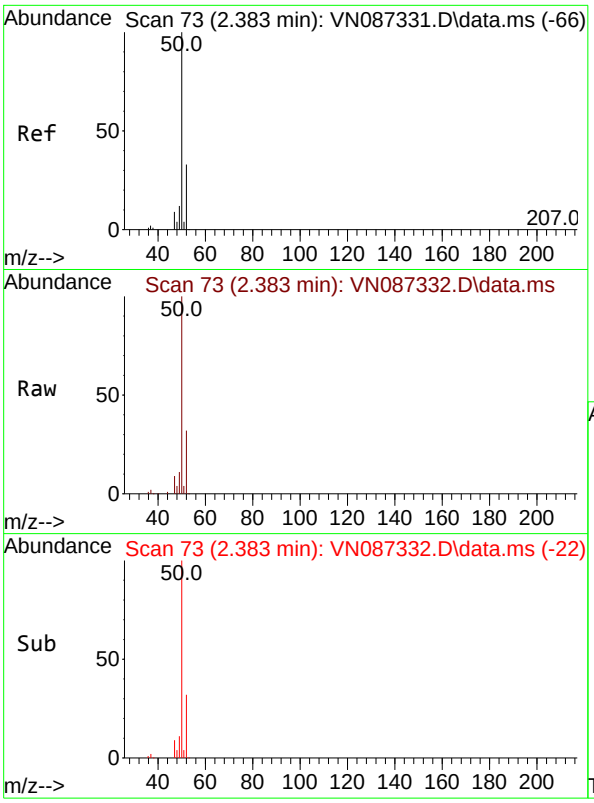


#2
Dichlorodifluoromethane
Concen: 114.190 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 85 Resp: 233197

Ion	Ratio	Lower	Upper
85	100		
87	30.7	17.8	53.3

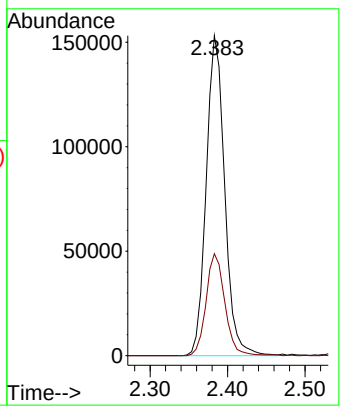




#3
Chloromethane
Concen: 98.660 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 50 Resp: 25336

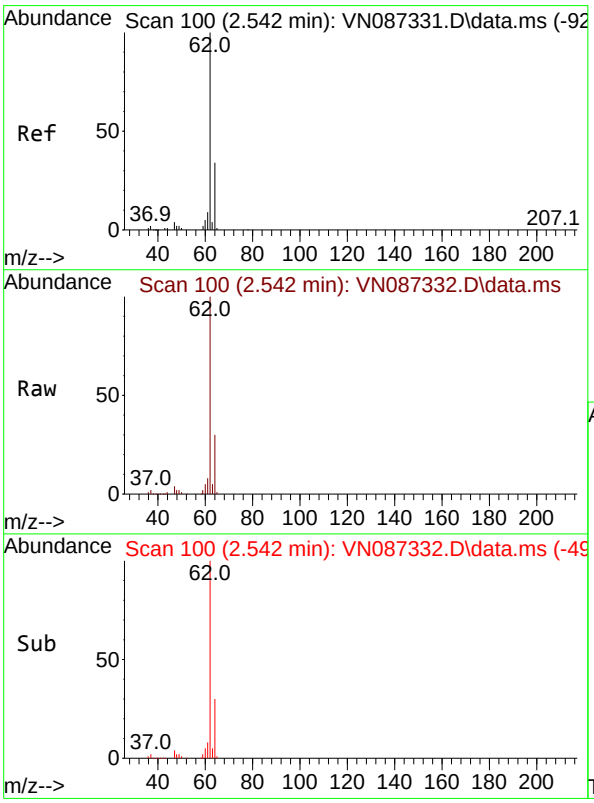
Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

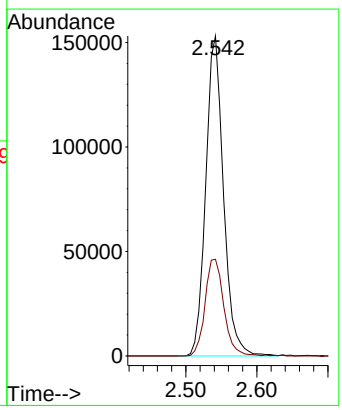
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

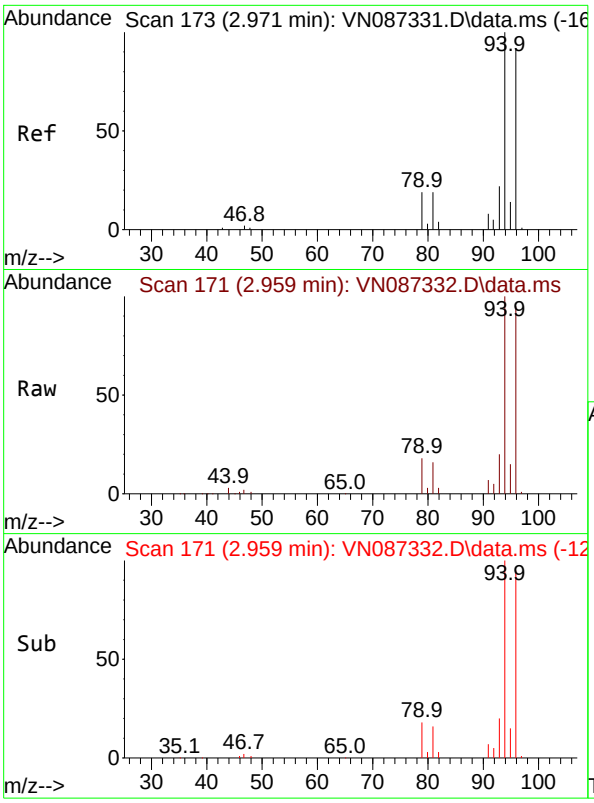


#4
Vinyl Chloride
Concen: 104.312 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 62 Resp: 266221

Ion	Ratio	Lower	Upper
62	100		
64	30.2	27.0	40.6

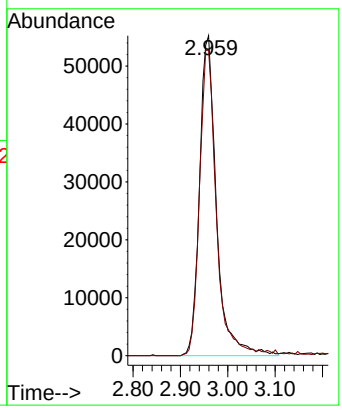




#5
Bromomethane
Concen: 103.503 ug/l
RT: 2.959 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 94 Resp: 13679

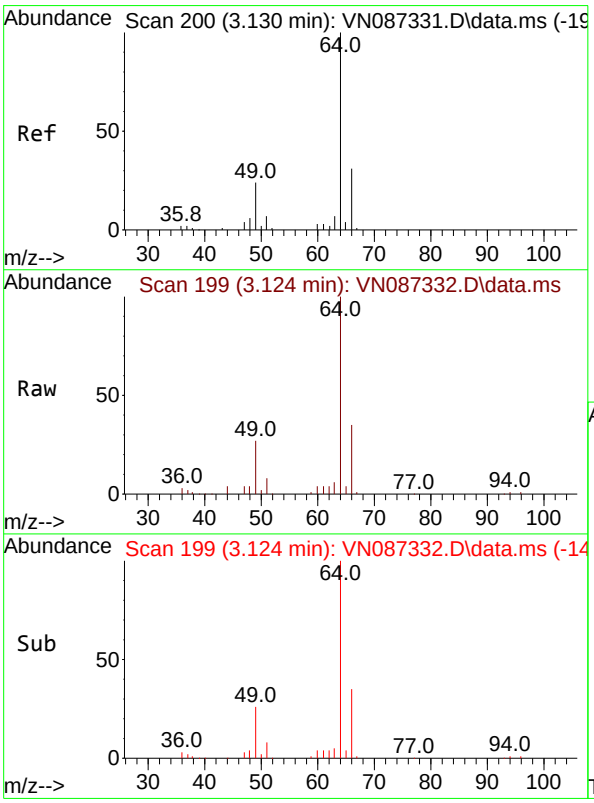
Ion	Ratio	Lower	Upper
94	100		
96	95.4	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

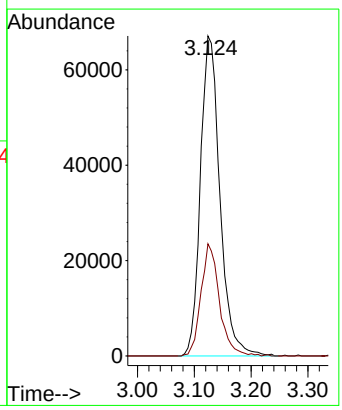
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

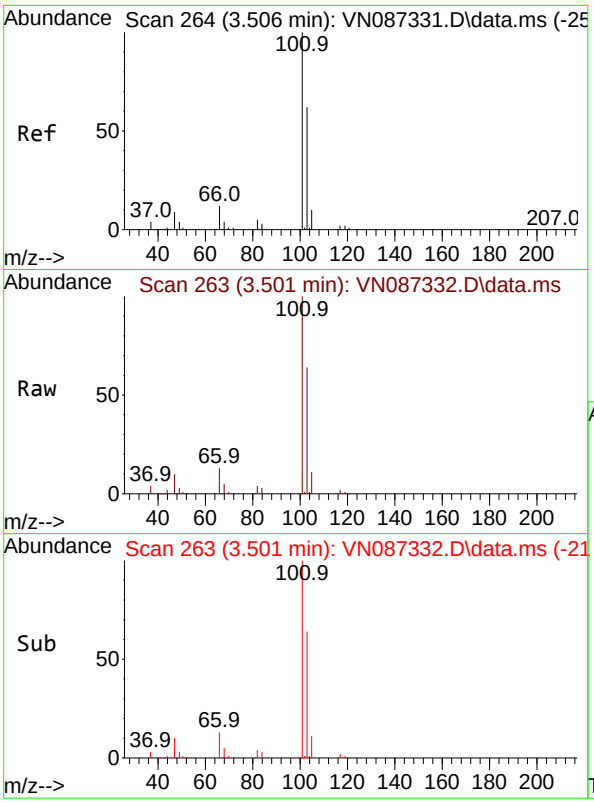


#6
Chloroethane
Concen: 95.783 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 64 Resp: 159422

Ion	Ratio	Lower	Upper
64	100		
66	35.0	24.6	36.8

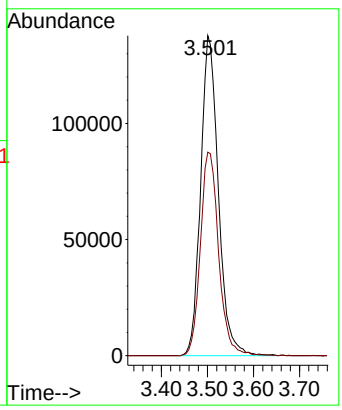




#7
Trichlorofluoromethane
Concen: 97.786 ug/l
RT: 3.501 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:101 Resp: 36903

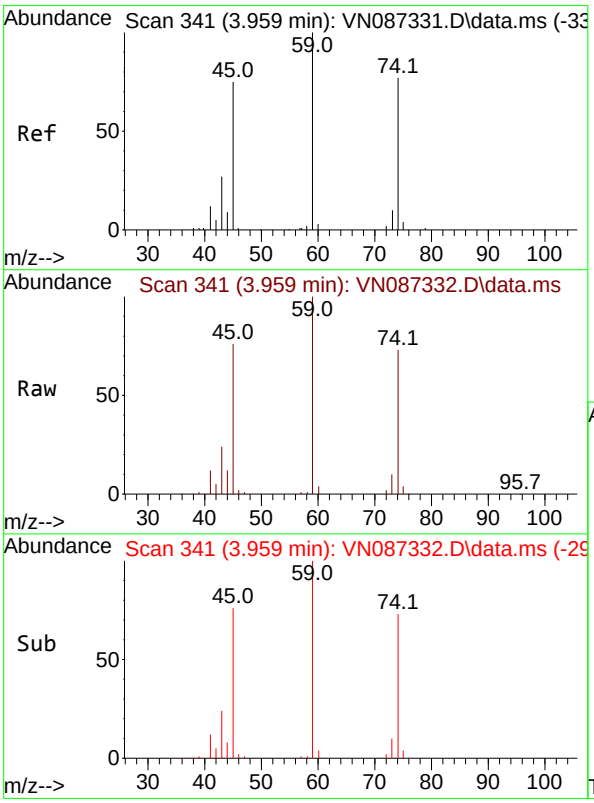
Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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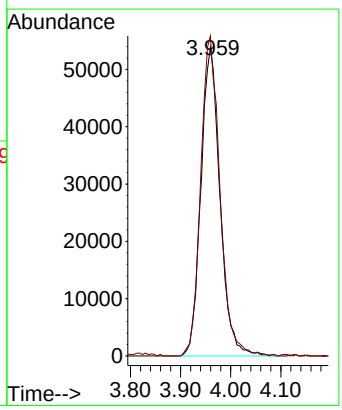
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

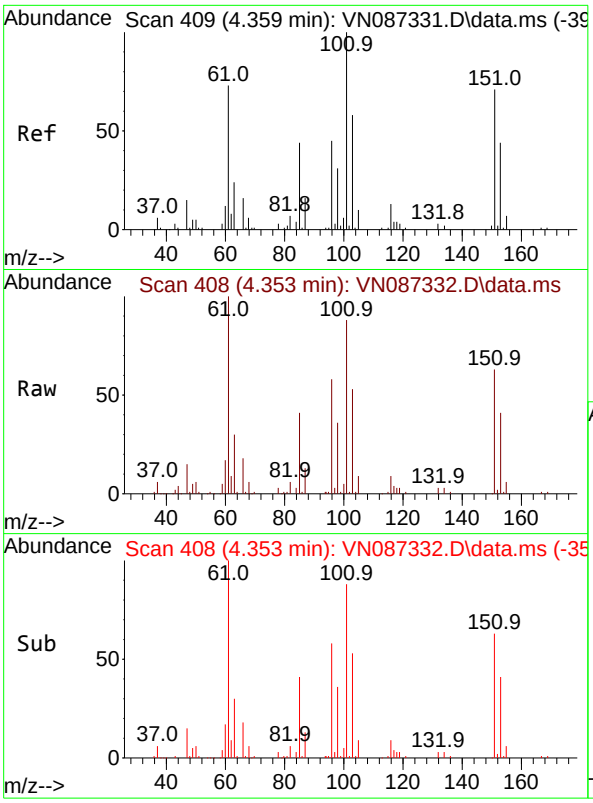


#8
Diethyl Ether
Concen: 97.445 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 74 Resp: 142652

Ion	Ratio	Lower	Upper
74	100		
45	104.3	50.8	152.5

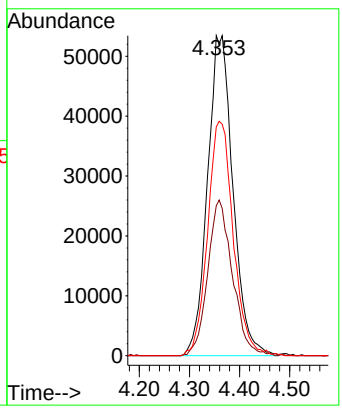




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.477 ug/l
RT: 4.353 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:101 Resp: 18884

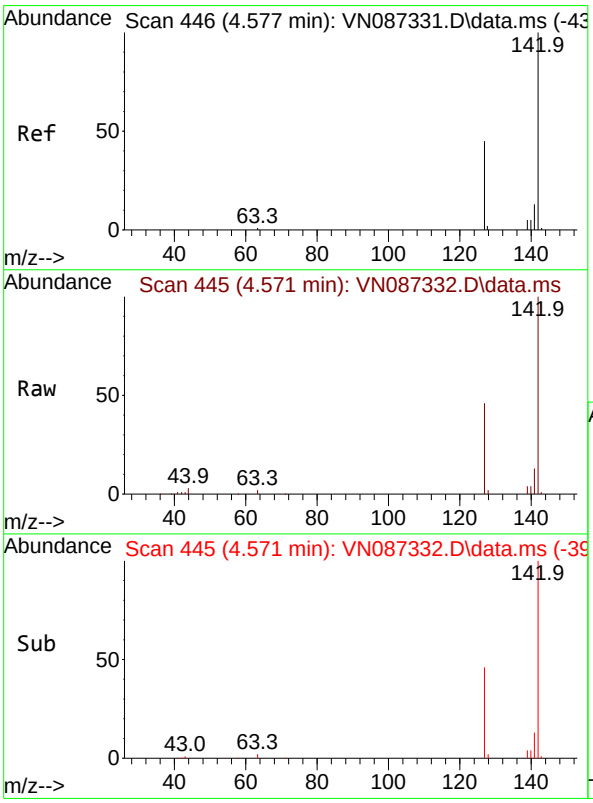
Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.3	55.9
151	73.6	58.9	88.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

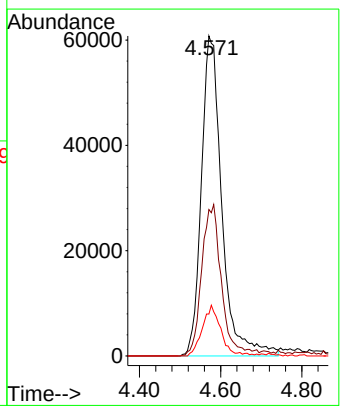
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

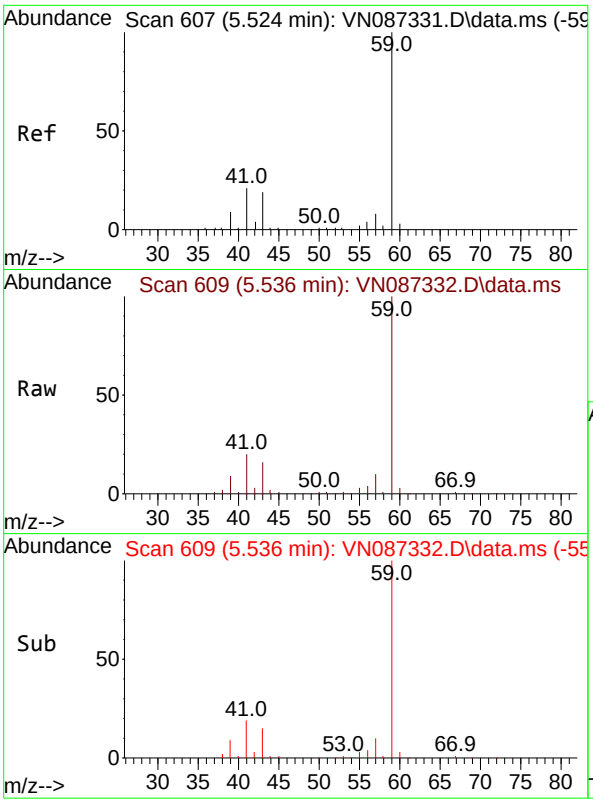


#10
Methyl Iodide
Concen: 100.524 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:142 Resp: 213127

Ion	Ratio	Lower	Upper
142	100		
127	45.8	35.7	53.5
141	13.1	10.4	15.6

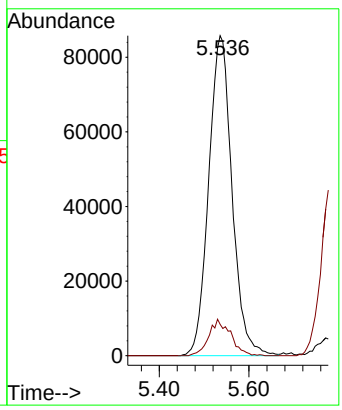




#11
Tert butyl alcohol
Concen: 499.800 ug/l
RT: 5.536 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 59 Resp: 30961

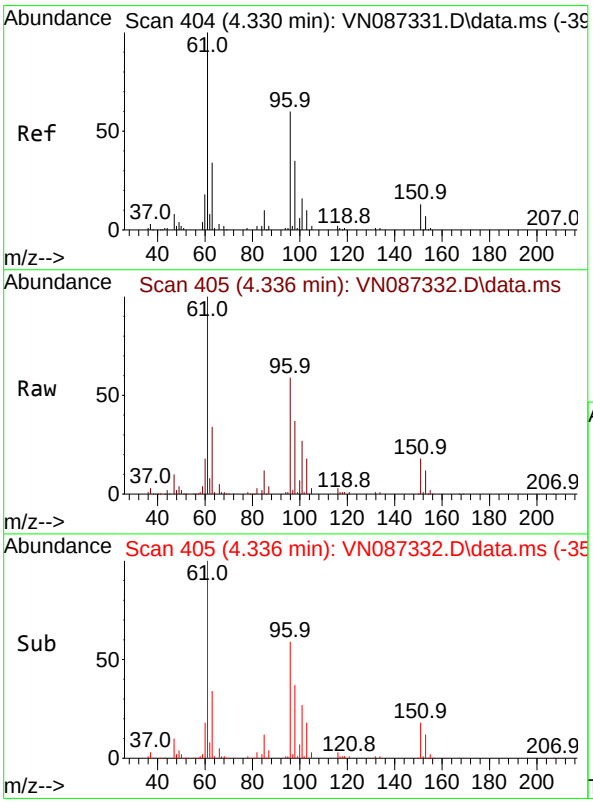
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

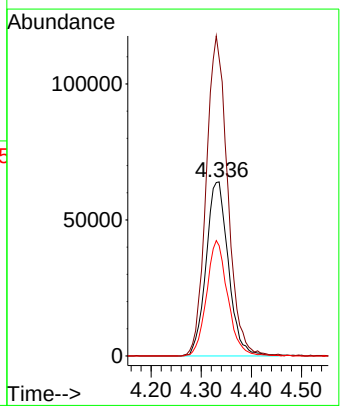
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

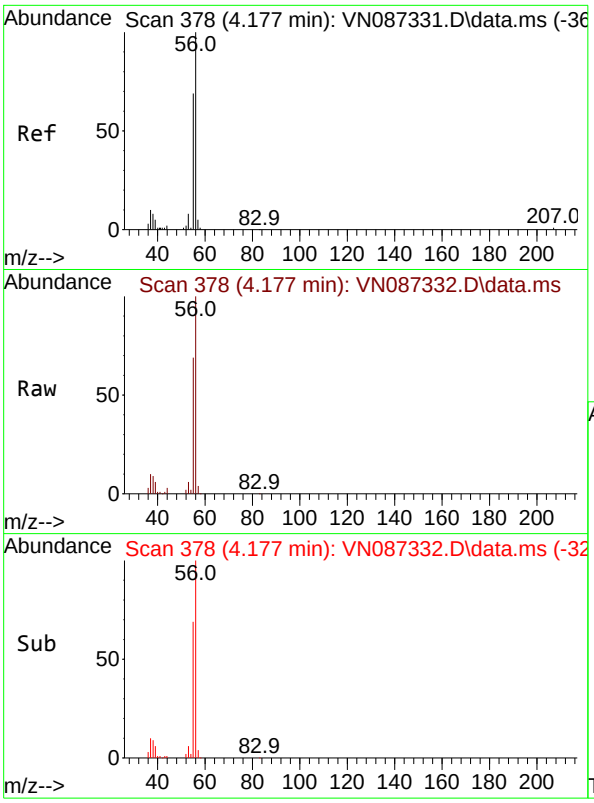


#12
1,1-Dichloroethene
Concen: 90.083 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 96 Resp: 197760

Ion	Ratio	Lower	Upper
96	100		
61	170.8	132.3	198.5
98	63.3	46.8	70.2

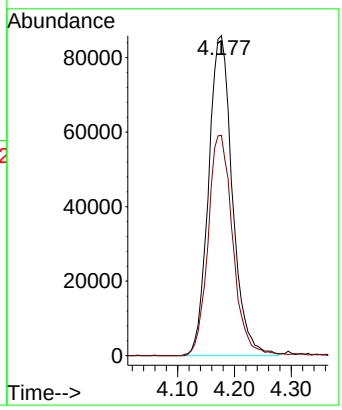




#13
Acrolein
Concen: 503.102 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 56 Resp: 25011

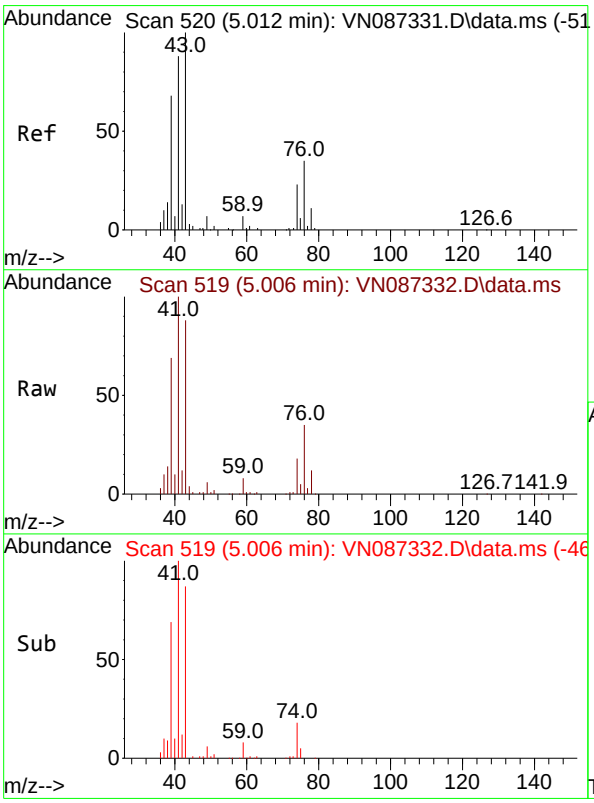
Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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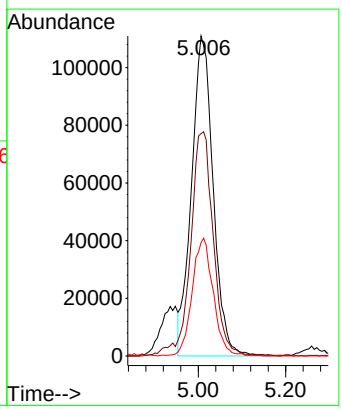
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

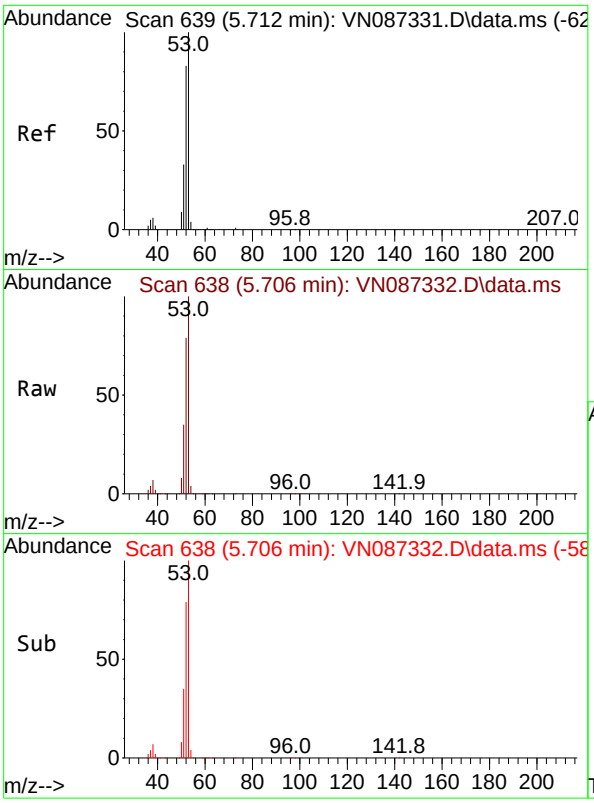


#14
Allyl chloride
Concen: 96.355 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 41 Resp: 382812

Ion	Ratio	Lower	Upper
41	100		
39	73.3	59.0	88.6
76	35.9	28.7	43.1

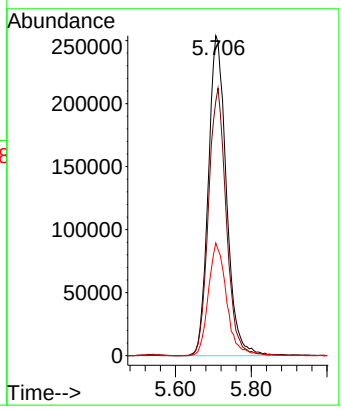




#15
Acrylonitrile
Concen: 499.150 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 53 Resp: 83908

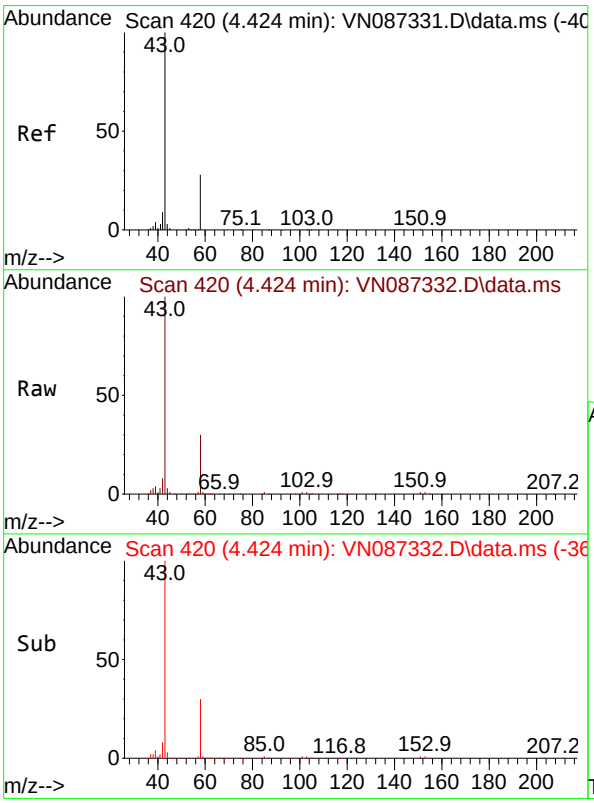
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.6	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

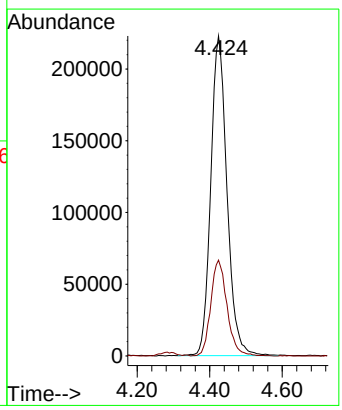
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

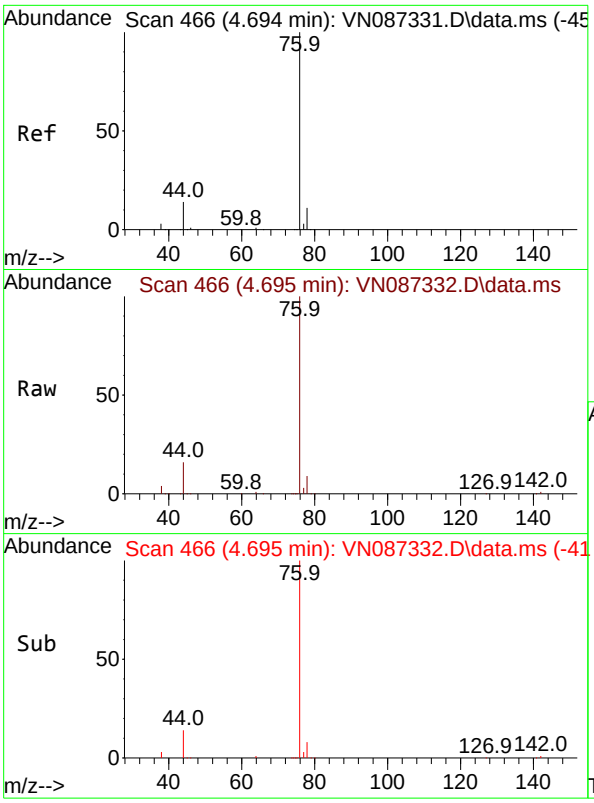


#16
Acetone
Concen: 448.375 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 693485

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.3	33.5





#17
Carbon Disulfide
Concen: 97.056 ug/l
RT: 4.695 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

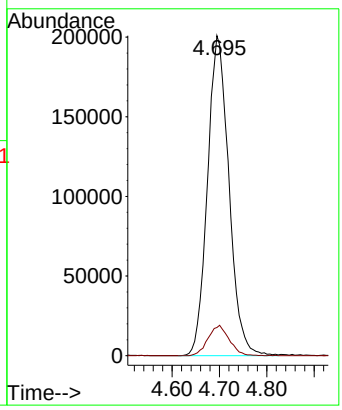
Tgt Ion: 76 Resp: 63169

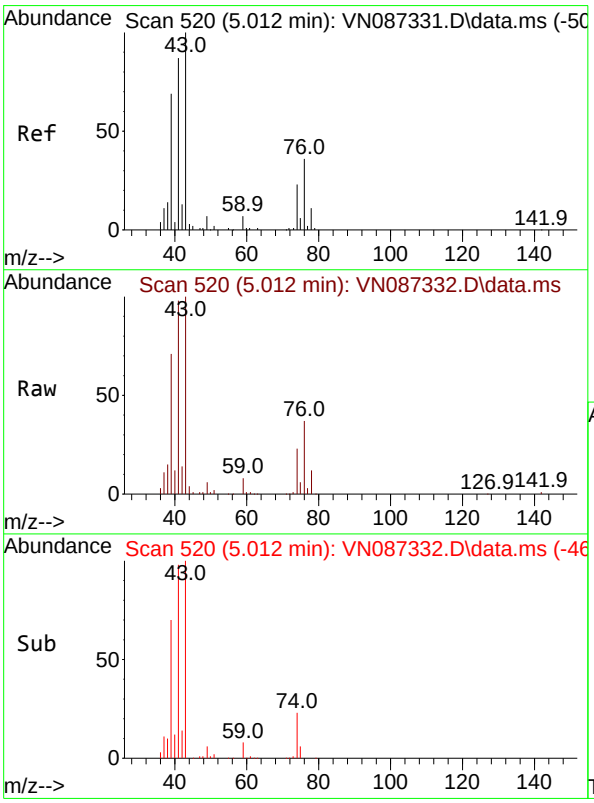
Ion	Ratio	Lower	Upper
76	100		
78	8.8	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

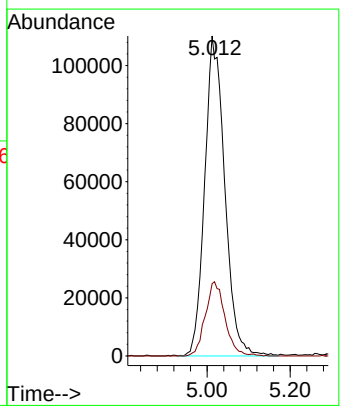


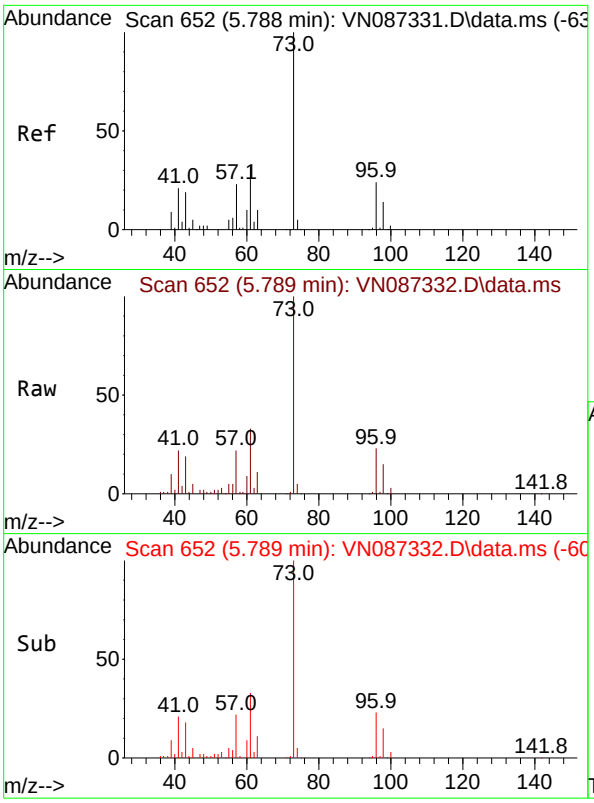


#18
Methyl Acetate
Concen: 96.247 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 369894

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.6





#19
Methyl tert-butyl Ether
Concen: 101.186 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

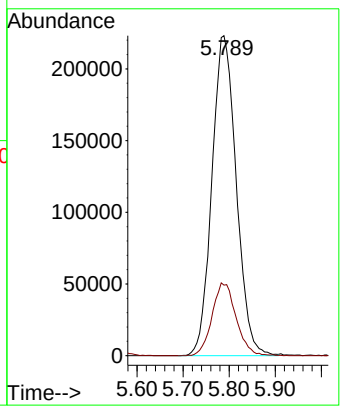
Tgt Ion: 73 Resp: 81876

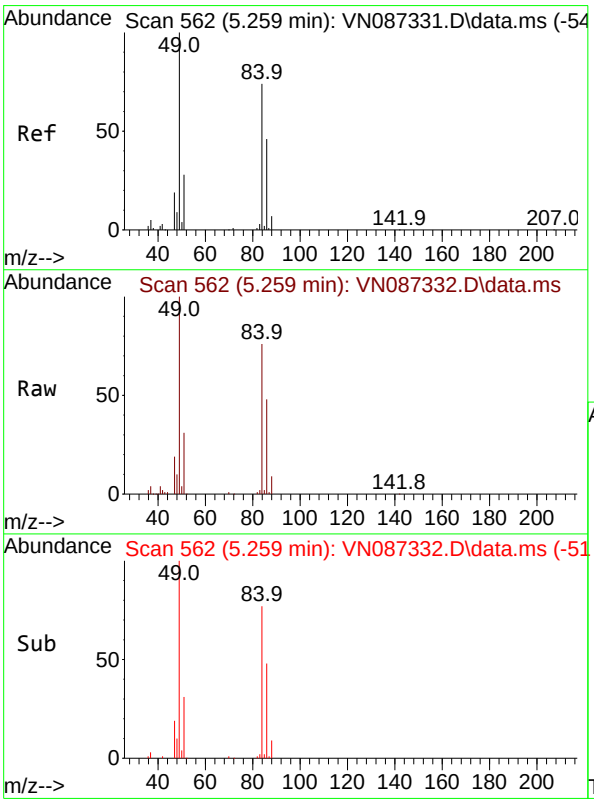
Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

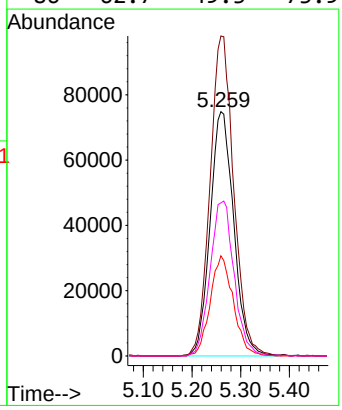


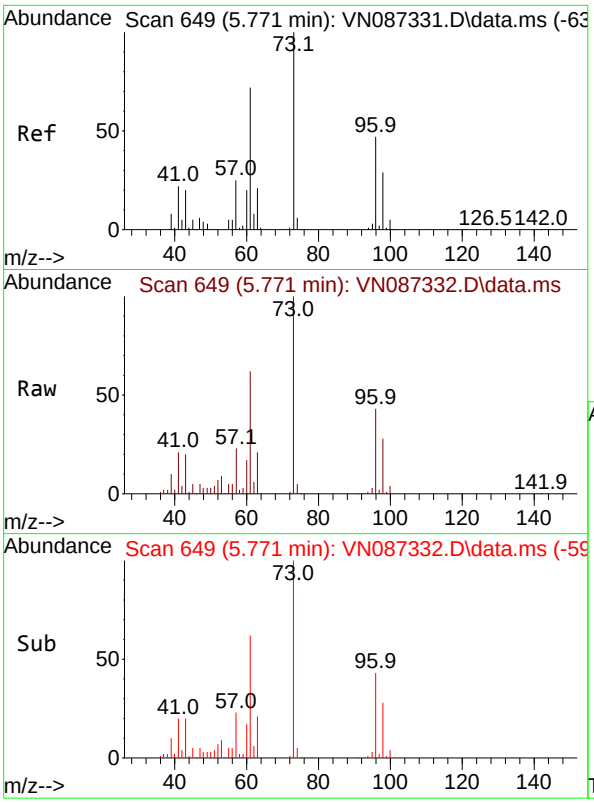


#20
Methylene Chloride
Concen: 98.001 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 84 Resp: 251830

Ion	Ratio	Lower	Upper
84	100		
49	131.0	107.5	161.3
51	41.0	30.2	45.2
86	62.7	49.3	73.9





#21
trans-1,2-Dichloroethene
Concen: 96.030 ug/l
RT: 5.771 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

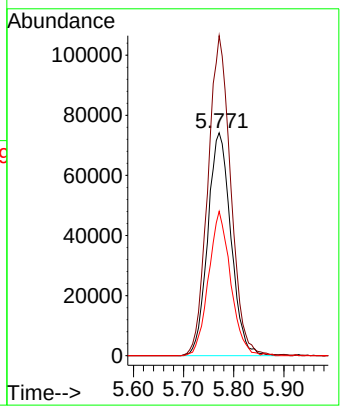
Tgt Ion: 96 Resp: 23770

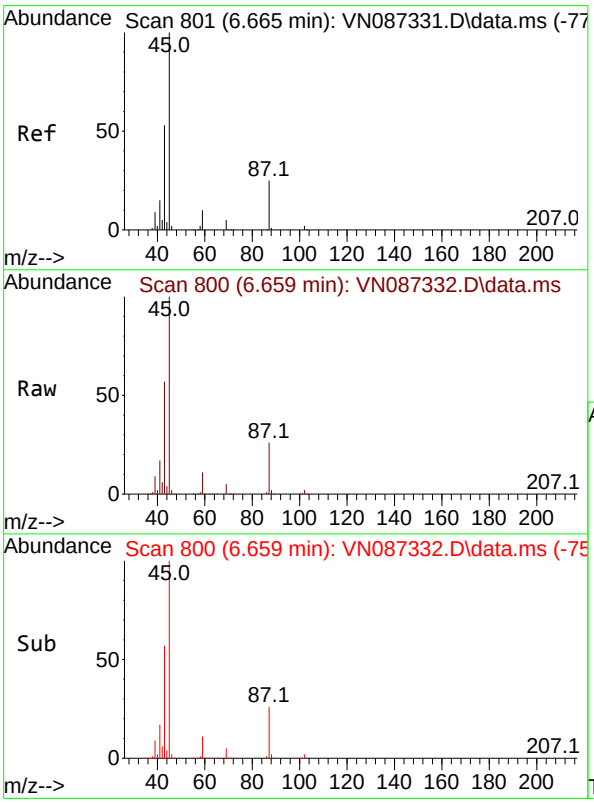
Ion	Ratio	Lower	Upper
96	100		
61	143.5	122.0	183.0
98	64.7	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

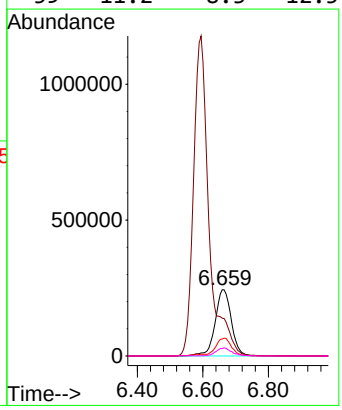


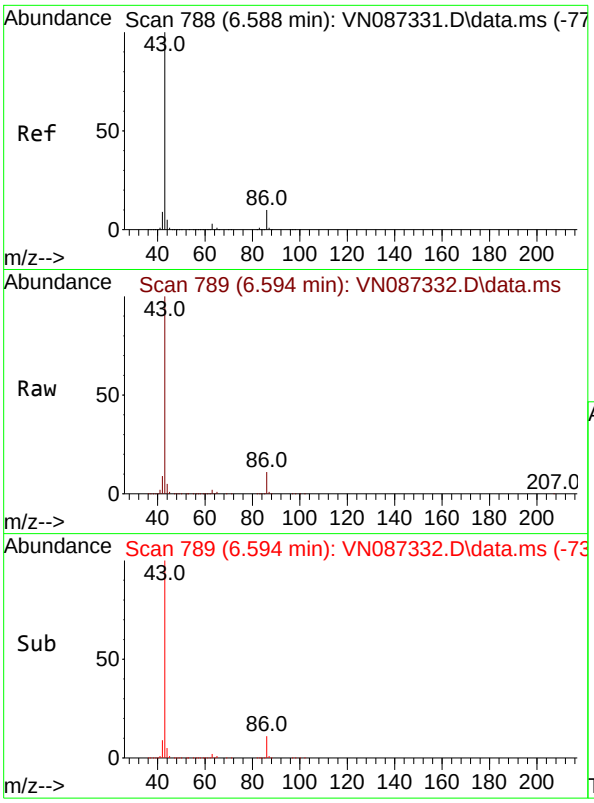


#22
Diisopropyl ether
Concen: 99.921 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 45 Resp: 832709

Ion	Ratio	Lower	Upper
45	100		
43	56.9	42.8	64.2
87	25.7	19.8	29.6
59	11.2	8.3	12.5

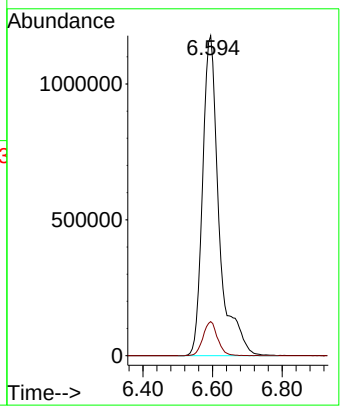




#23
Vinyl Acetate
Concen: 529.516 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 385942

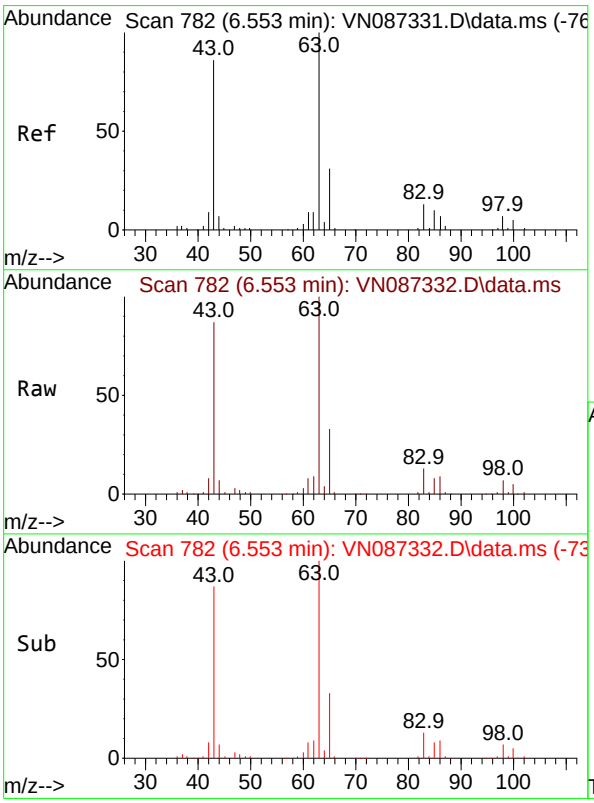
Ion	Ratio	Lower	Upper
43	100		
86	10.7	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

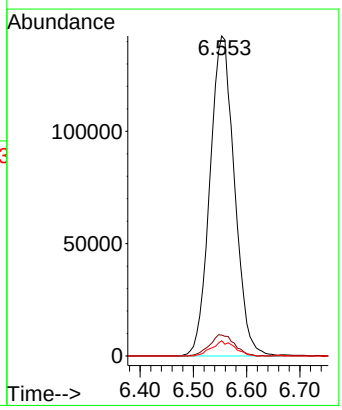
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

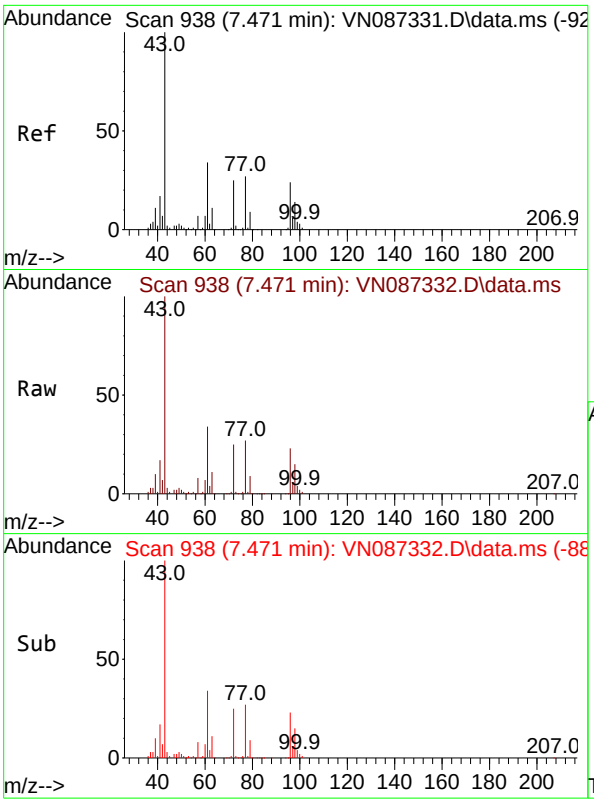


#24
1,1-Dichloroethane
Concen: 94.807 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 63 Resp: 455820

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.9
100	4.7	2.5	7.4

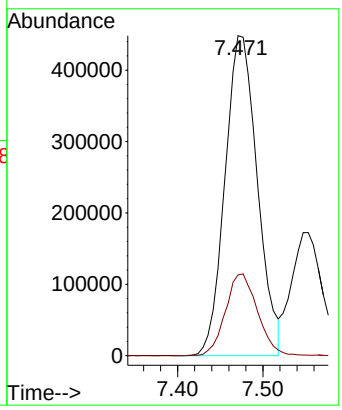




#25
2-Butanone
Concen: 501.667 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 118570

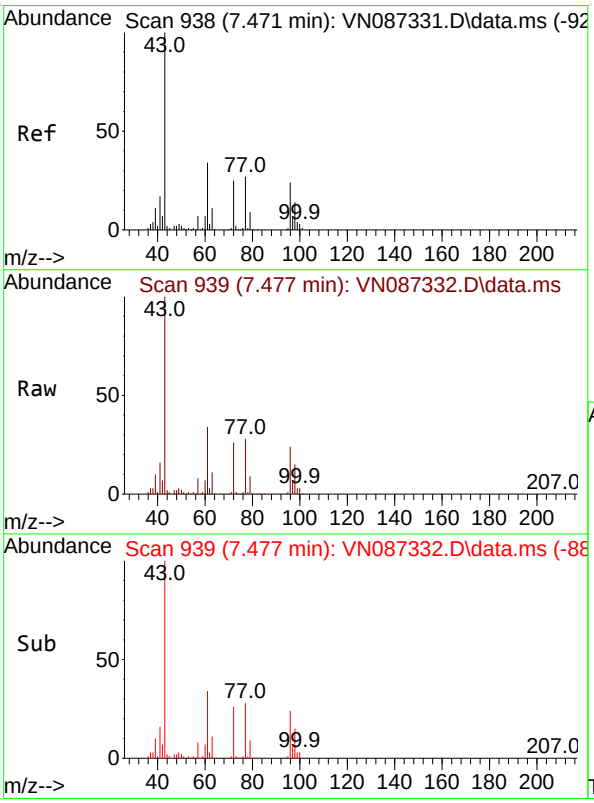
Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

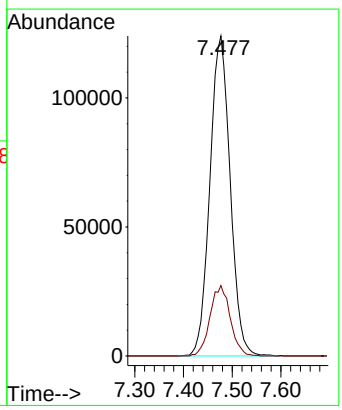
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

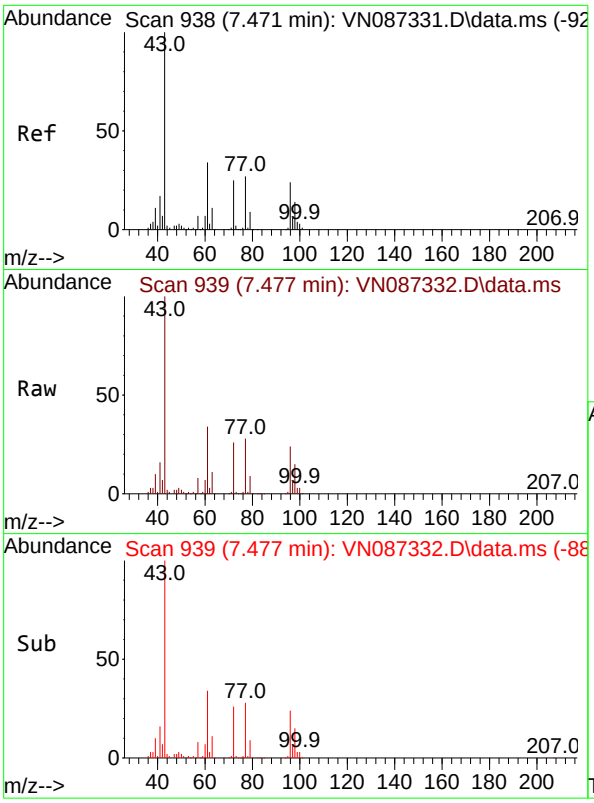


#26
2,2-Dichloropropane
Concen: 95.932 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 77 Resp: 358596

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.1	33.1





#27
cis-1,2-Dichloroethene
Concen: 99.858 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

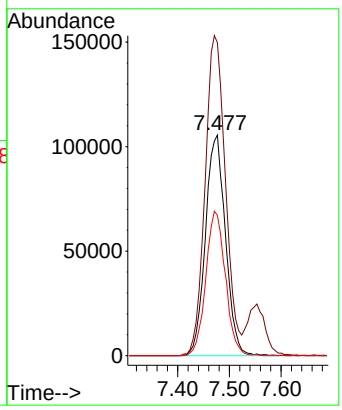
Tgt Ion: 96 Resp: 28457

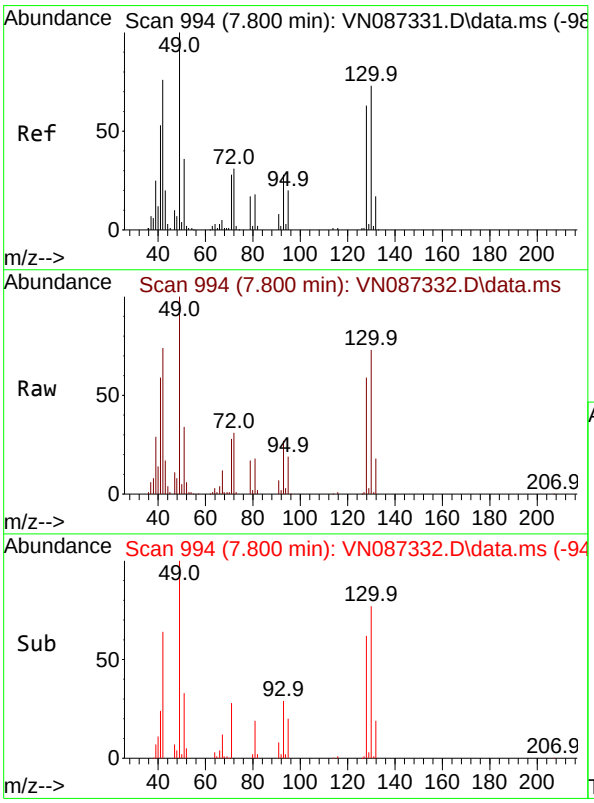
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	297.8
98	63.9	0.0	132.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

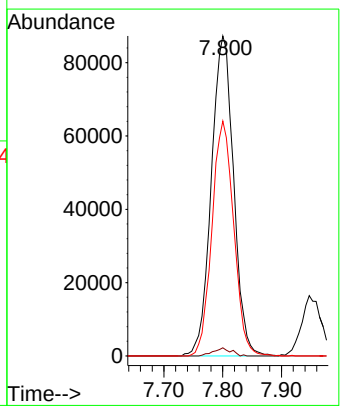


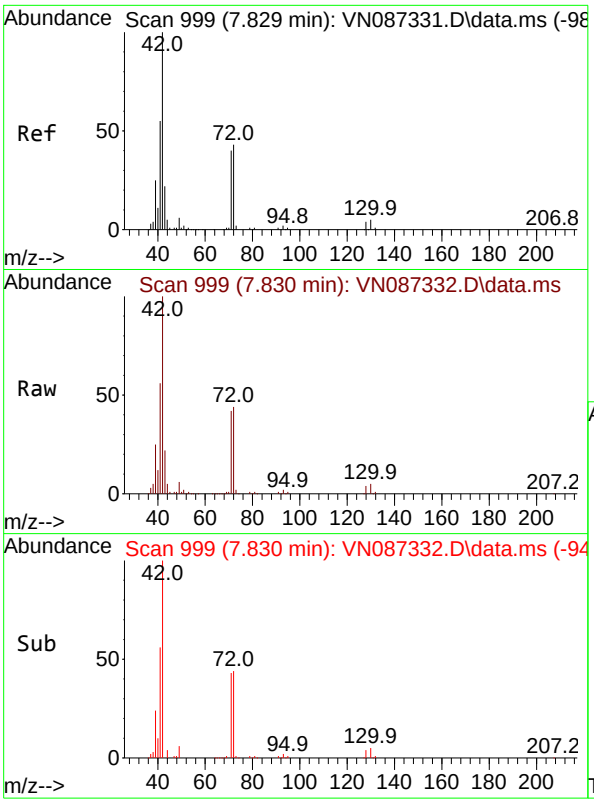


#28
Bromochloromethane
Concen: 99.757 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 49 Resp: 229544

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	71.8	57.3	85.9

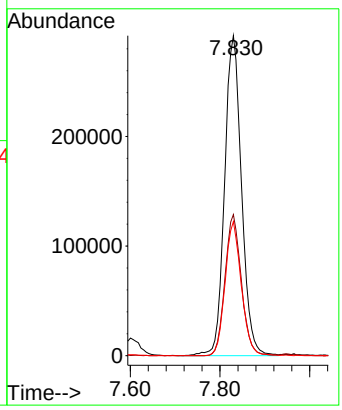




#29
Tetrahydrofuran
Concen: 500.532 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 42 Resp: 76852

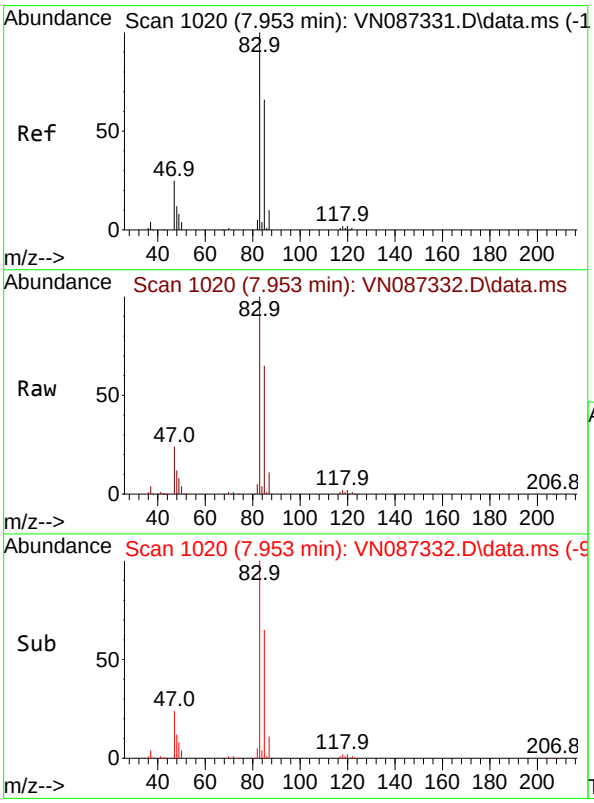
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.4	50.0
71	40.2	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

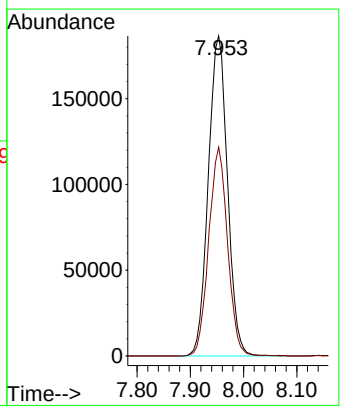
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

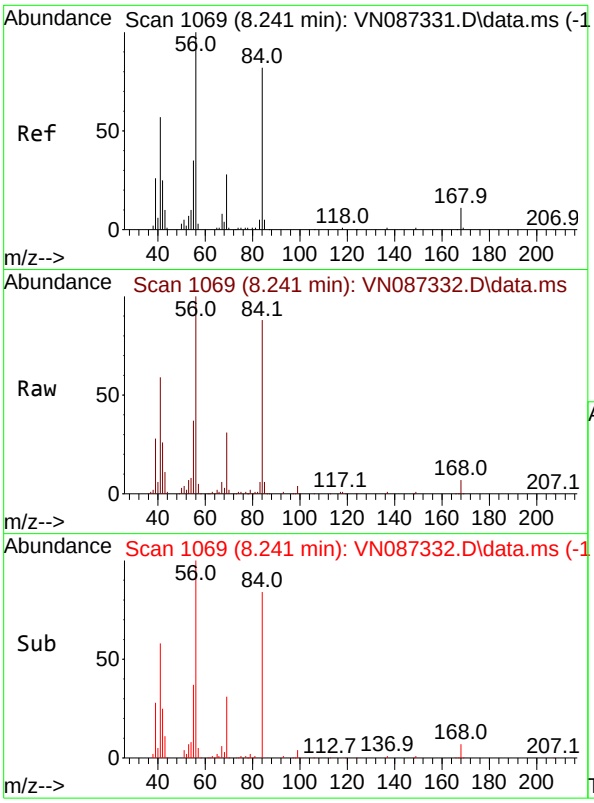


#30
Chloroform
Concen: 97.008 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 83 Resp: 466838

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.7	79.1

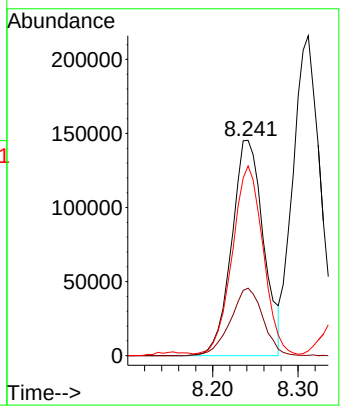




#31
Cyclohexane
Concen: 94.035 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 56 Resp: 37715

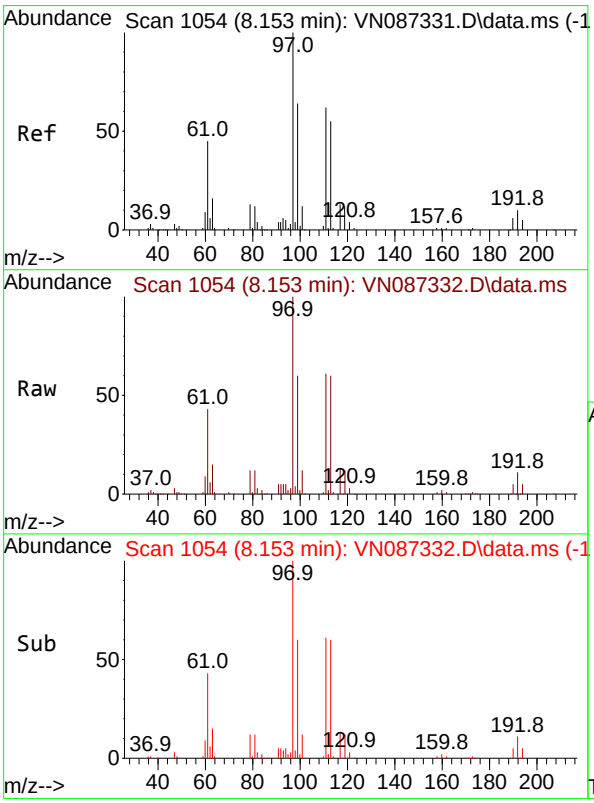
Ion	Ratio	Lower	Upper
56	100		
69	31.4	22.7	34.1
84	86.8	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

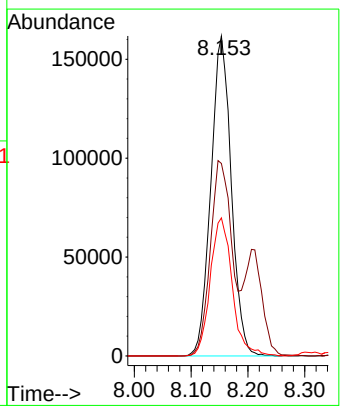
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

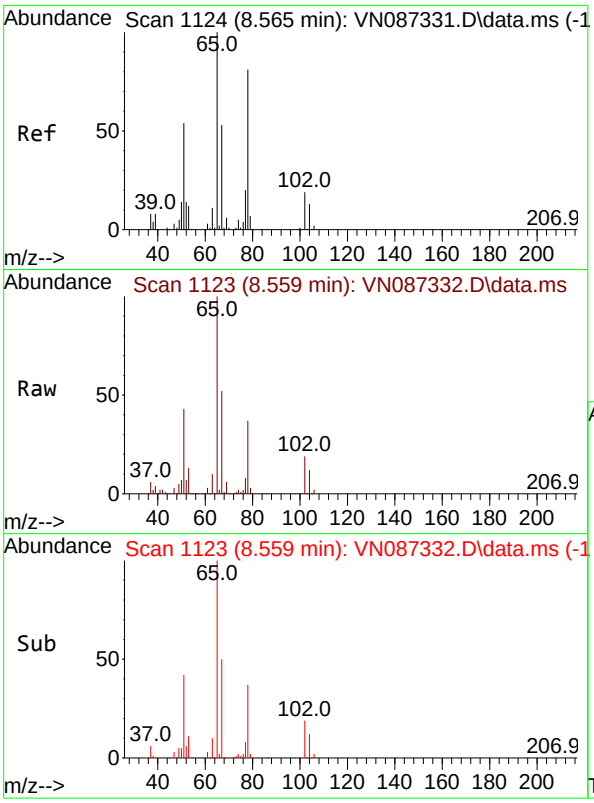


#32
1,1,1-Trichloroethane
Concen: 96.794 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 97 Resp: 403445

Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.8	77.8
61	46.4	38.7	58.1

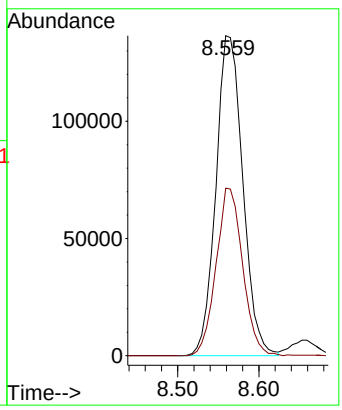




#33
1,2-Dichloroethane-d4
Concen: 96.373 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 65 Resp: 31441

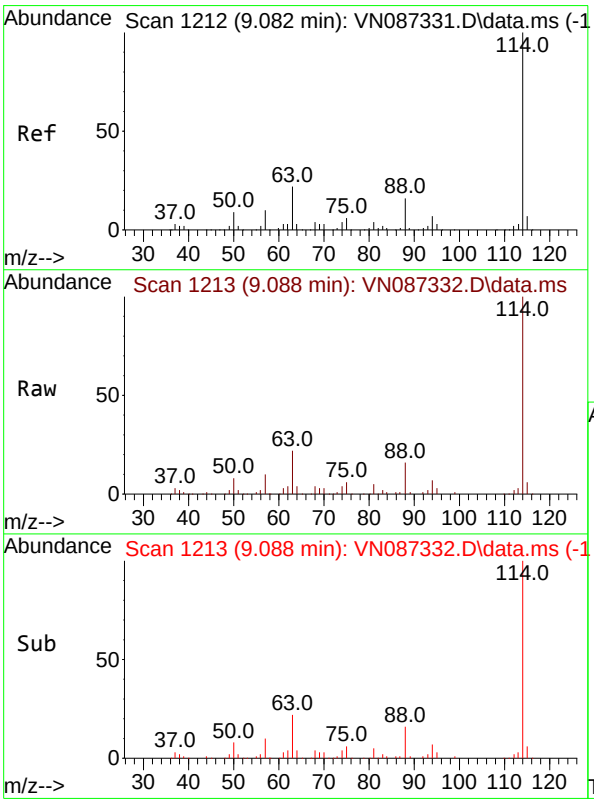
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

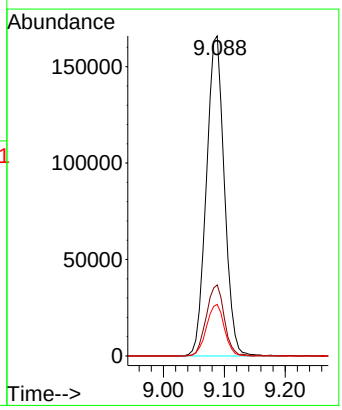
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

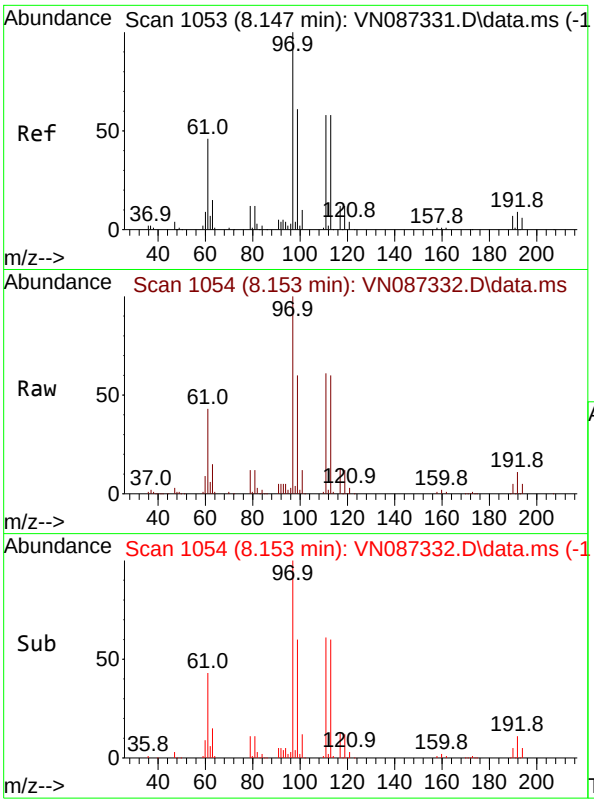


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:114 Resp: 339591

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.6
88	16.1	0.0	32.8

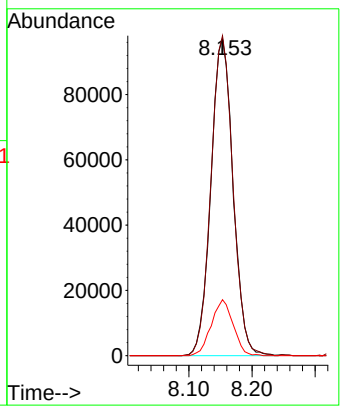




#35
Dibromofluoromethane
Concen: 100.947 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:113 Resp: 23646

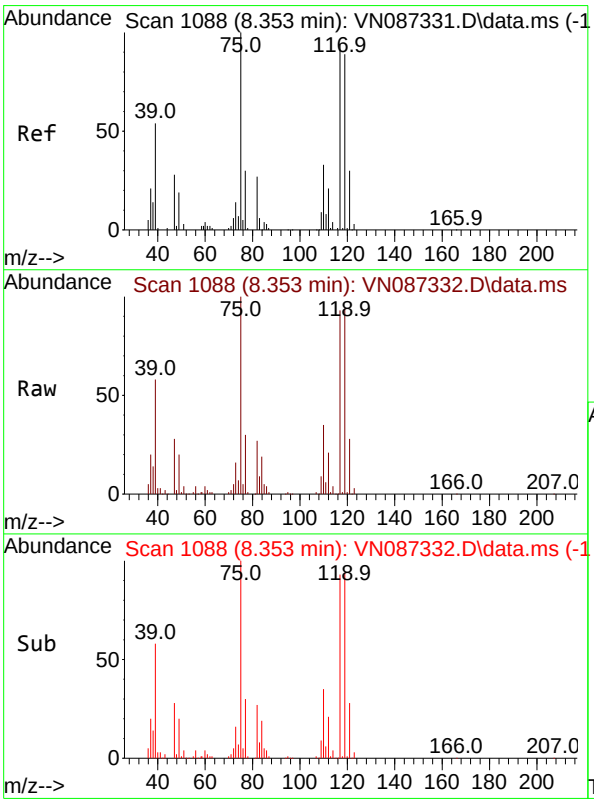
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.5	123.7
192	17.5	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

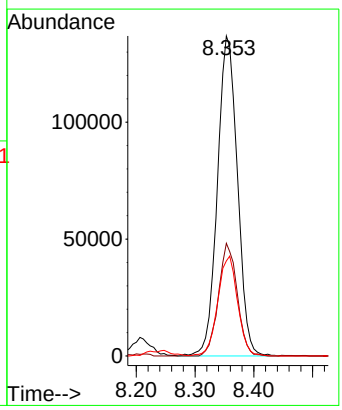
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

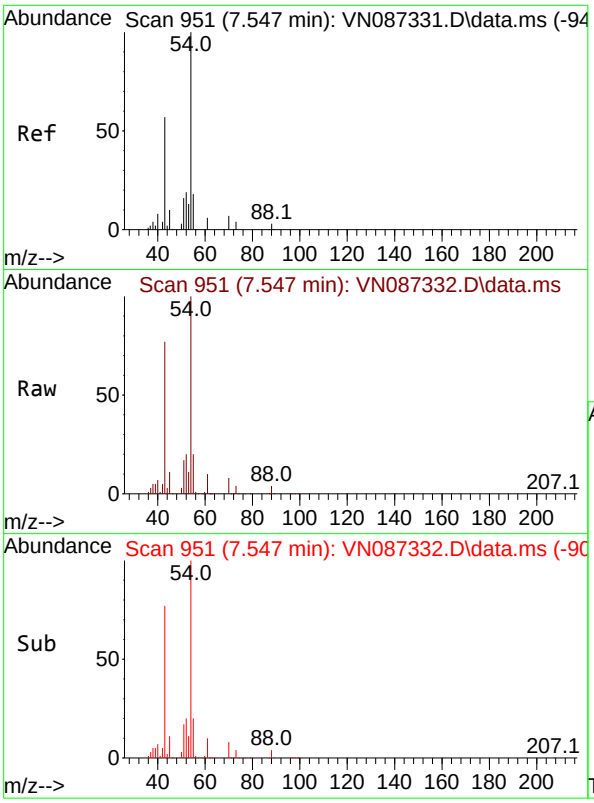


#36
1,1-Dichloropropene
Concen: 104.705 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 324047

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.7	50.1
77	30.9	25.2	37.8

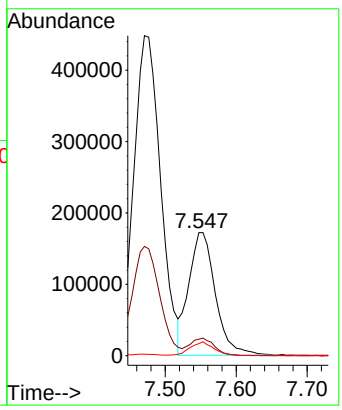




#37
Ethyl Acetate
Concen: 100.326 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 44842

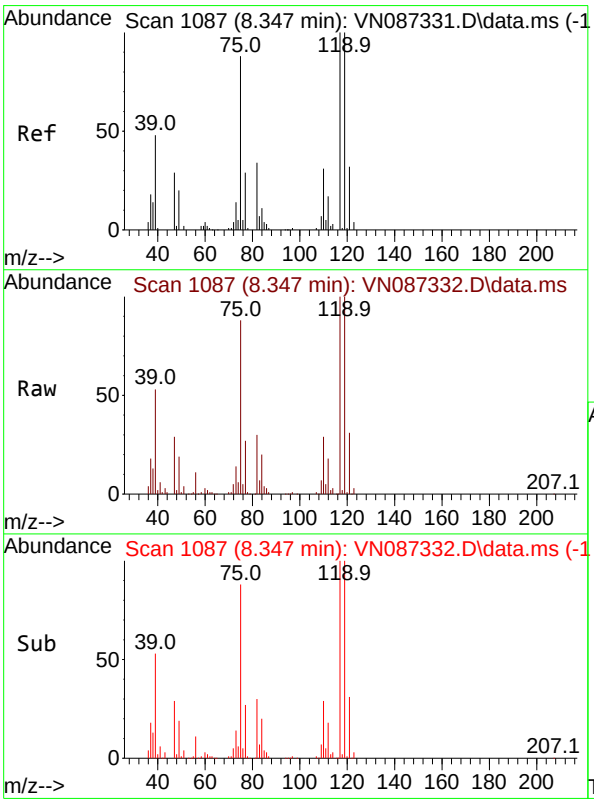
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	10.1	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

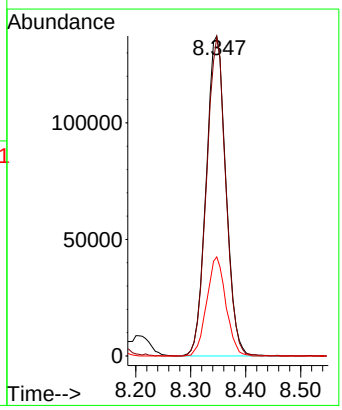
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

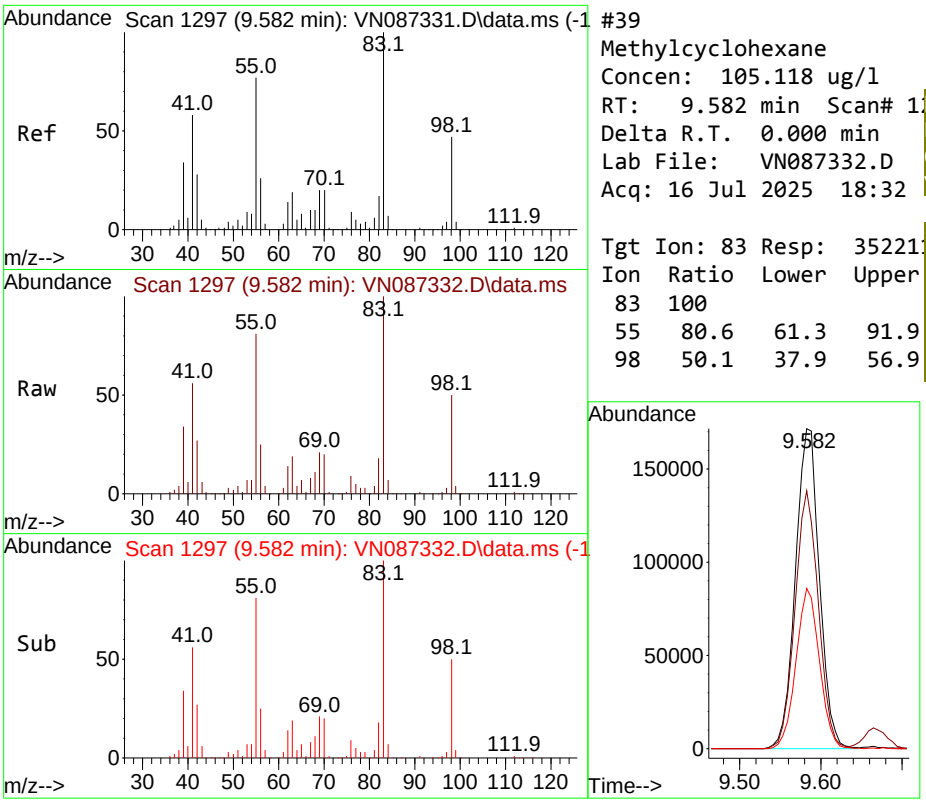


#38
Carbon Tetrachloride
Concen: 100.328 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:117 Resp: 342043

Ion	Ratio	Lower	Upper
117	100		
119	99.6	80.2	120.2
121	31.0	25.4	38.2





#39
Methylcyclohexane
Concen: 105.118 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

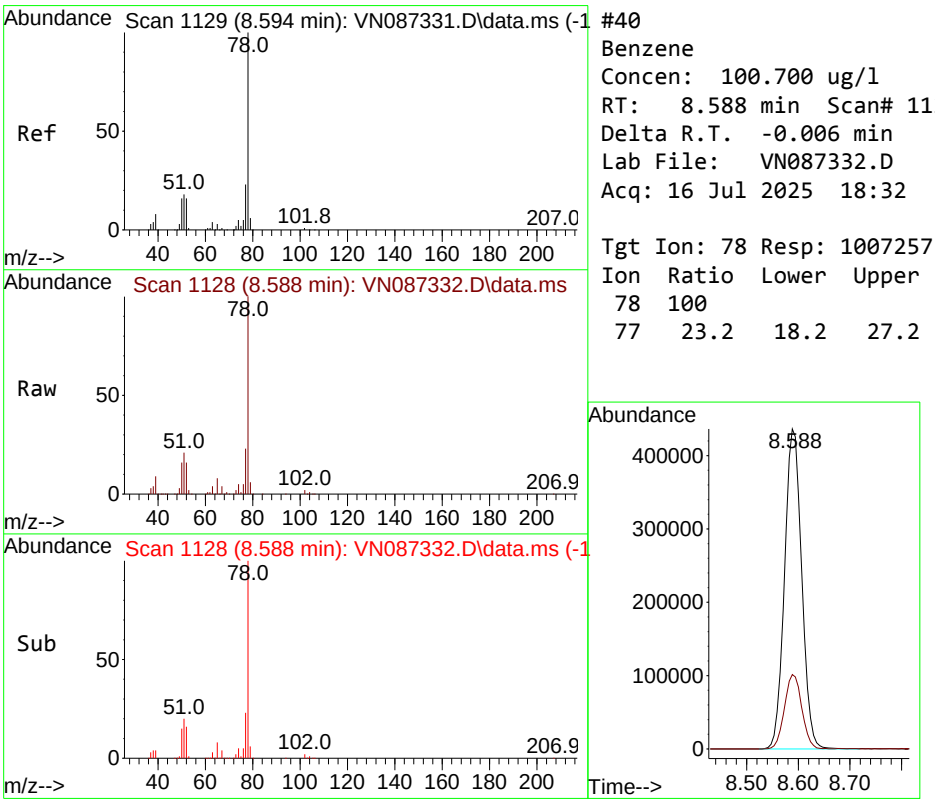
Tgt Ion: 83 Resp: 35221

Ion	Ratio	Lower	Upper
83	100		
55	80.6	61.3	91.9
98	50.1	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

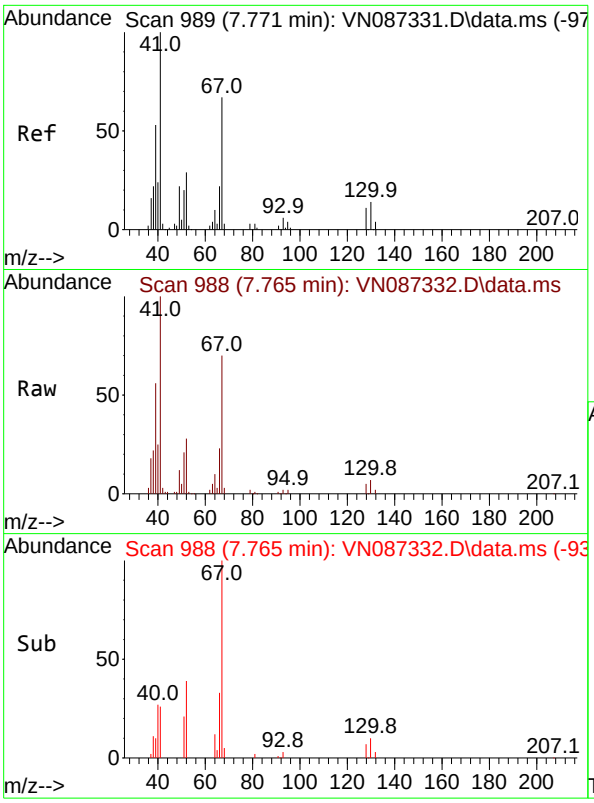
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40
Benzene
Concen: 100.700 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 78 Resp: 1007257

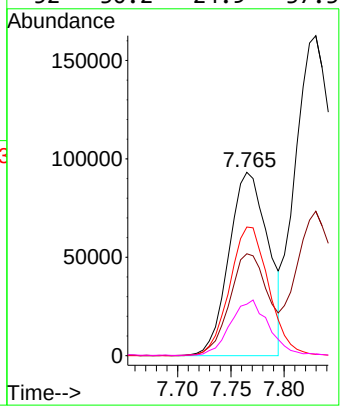
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2



#41
Methacrylonitrile
Concen: 102.544 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 41 Resp: 23965

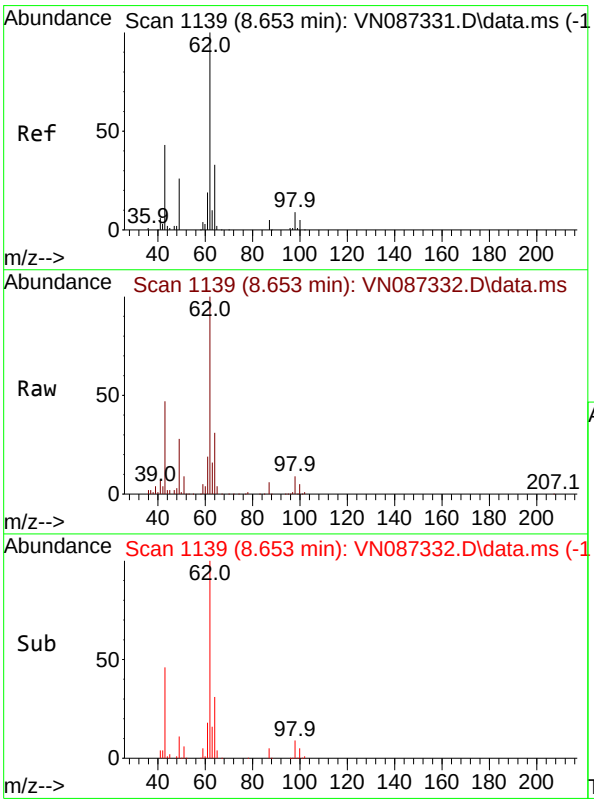
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	69.8	55.1	82.7
52	30.2	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

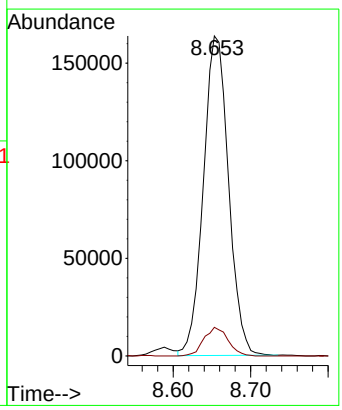
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

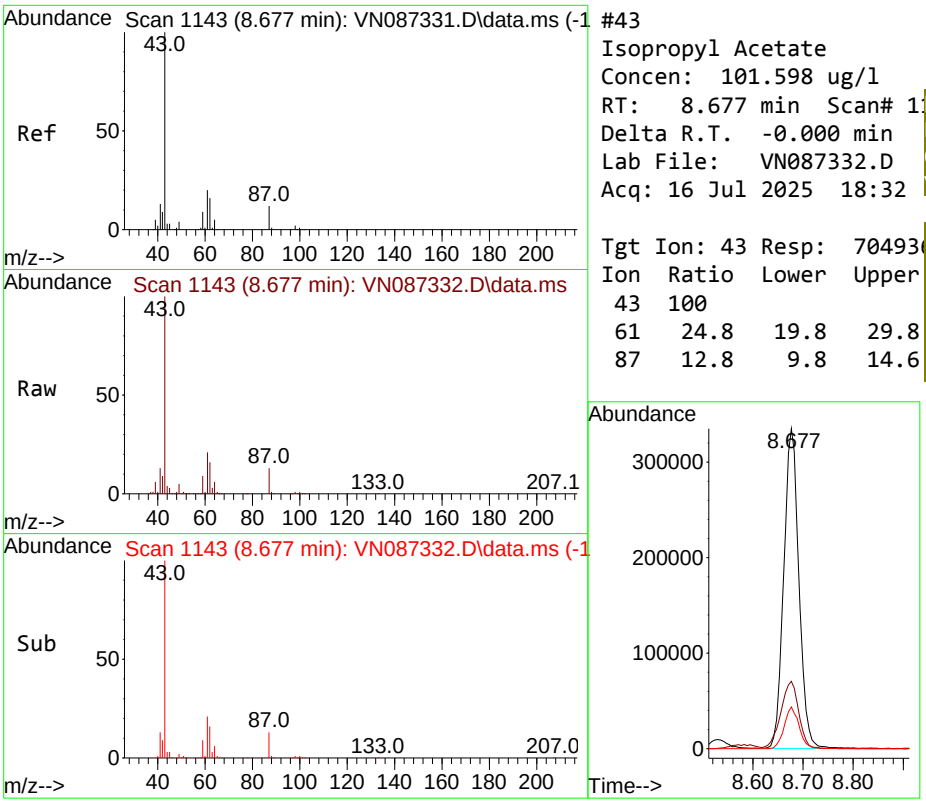


#42
1,2-Dichloroethane
Concen: 97.472 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 62 Resp: 369731

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0





#43
Isopropyl Acetate
Concen: 101.598 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

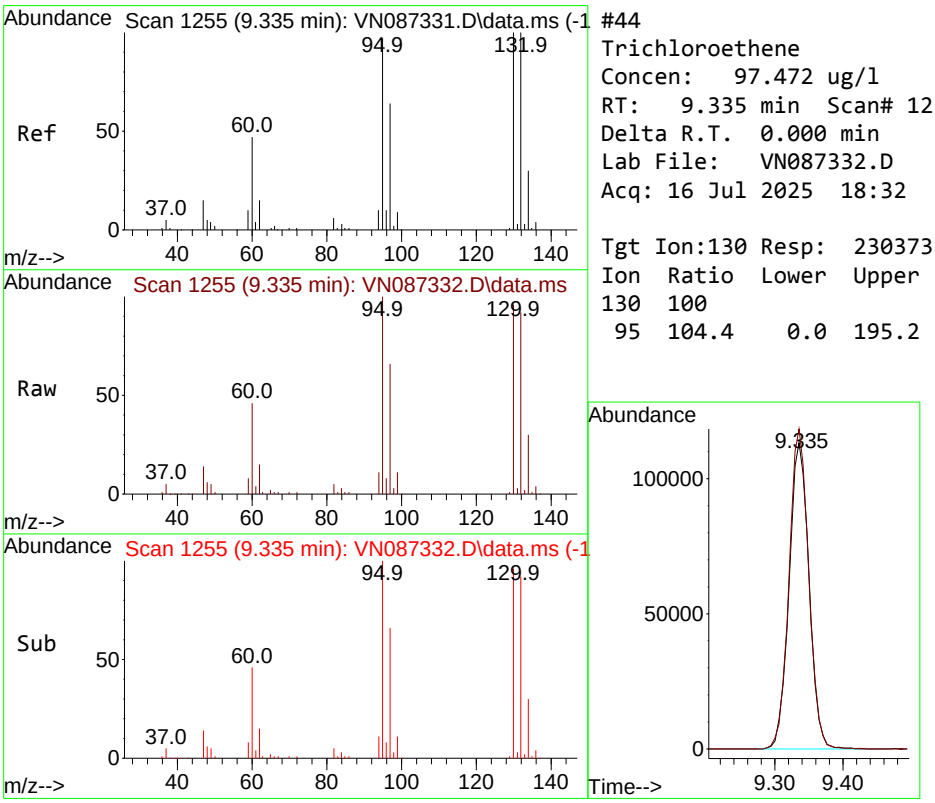
Tgt Ion: 43 Resp: 70493

Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.8	29.8
87	12.8	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

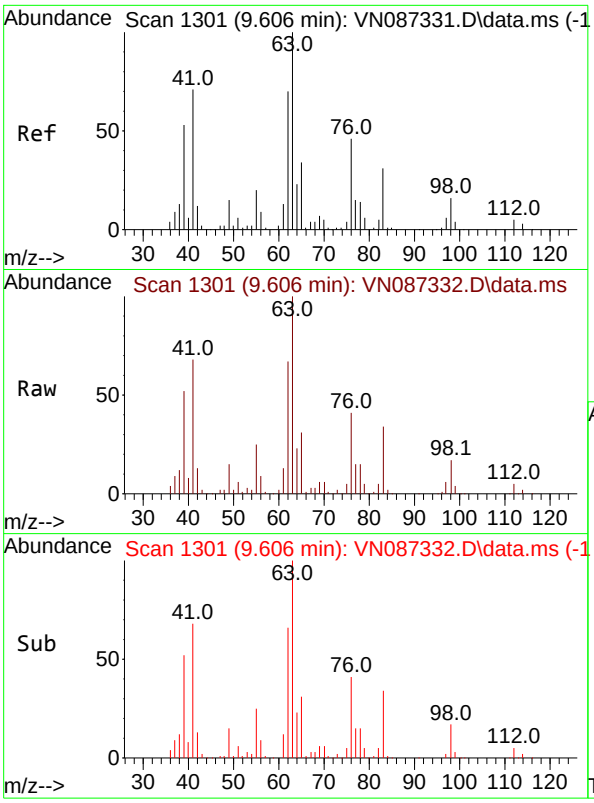
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#44
Trichloroethene
Concen: 97.472 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:130 Resp: 230373

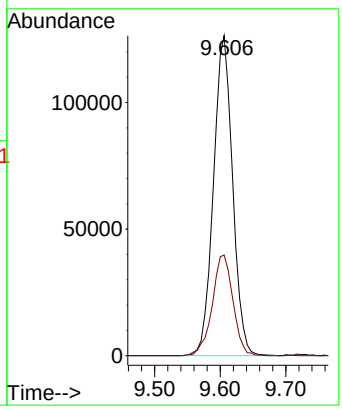
Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	195.2



#45
1,2-Dichloropropane
Concen: 100.478 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 63 Resp: 25536

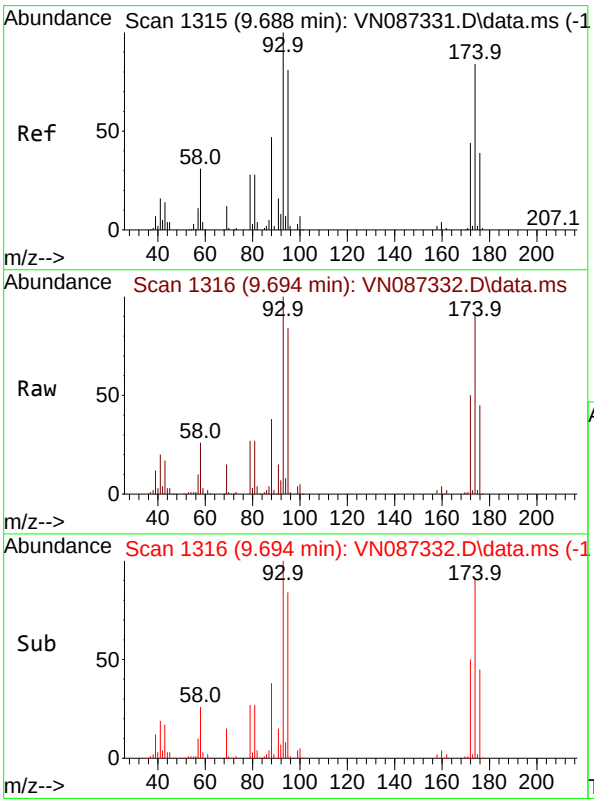
Ion	Ratio	Lower	Upper
63	100		
65	31.4	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

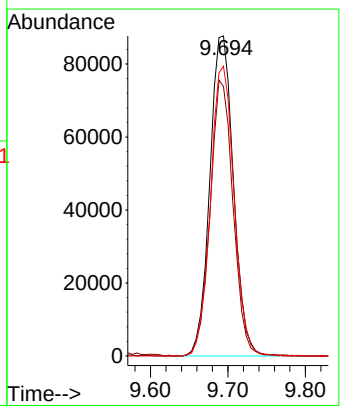
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

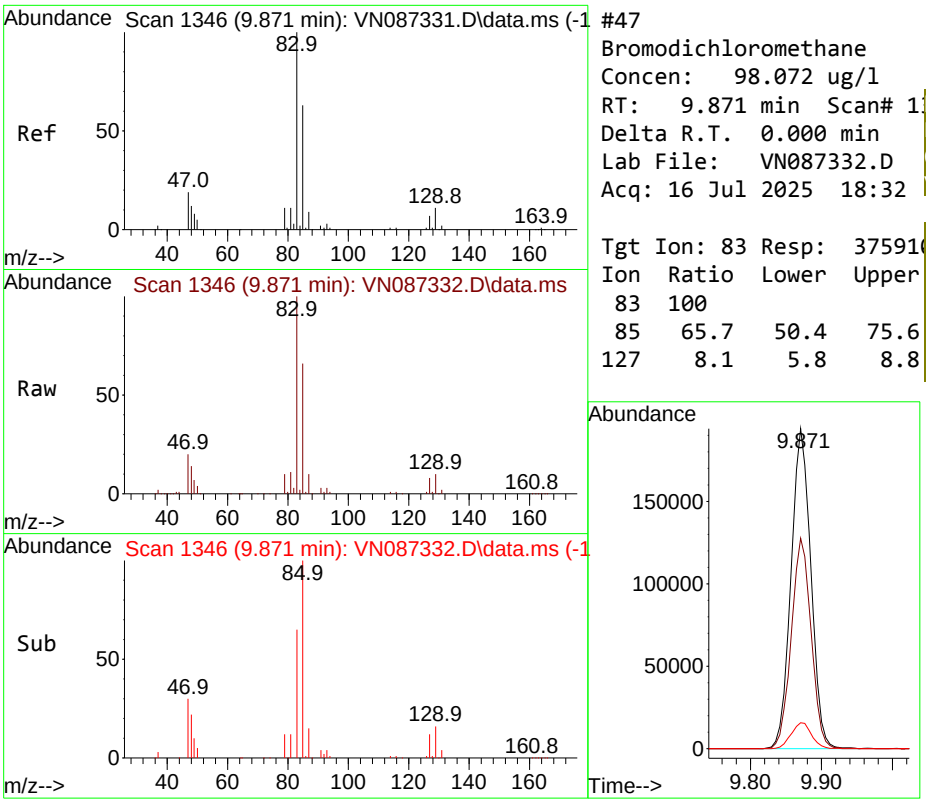


#46
Dibromomethane
Concen: 97.696 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 93 Resp: 185908

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.8	98.8
174	90.3	69.9	104.9





#47
Bromodichloromethane
Concen: 98.072 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

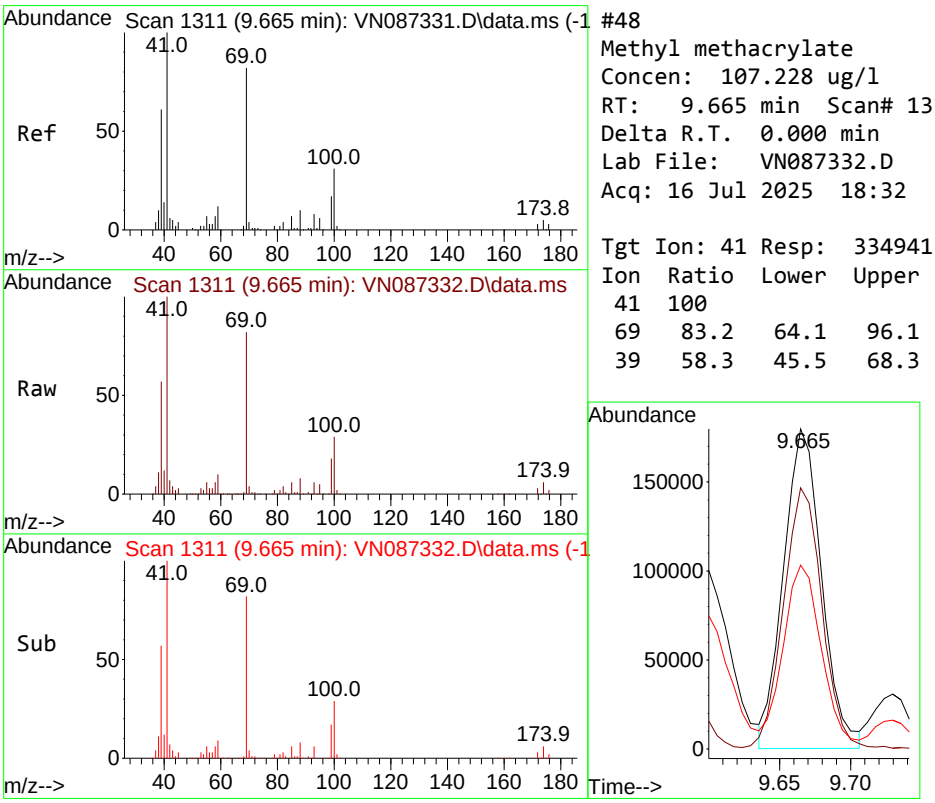
Tgt Ion: 83 Resp: 37591

Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.4	75.6
127	8.1	5.8	8.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

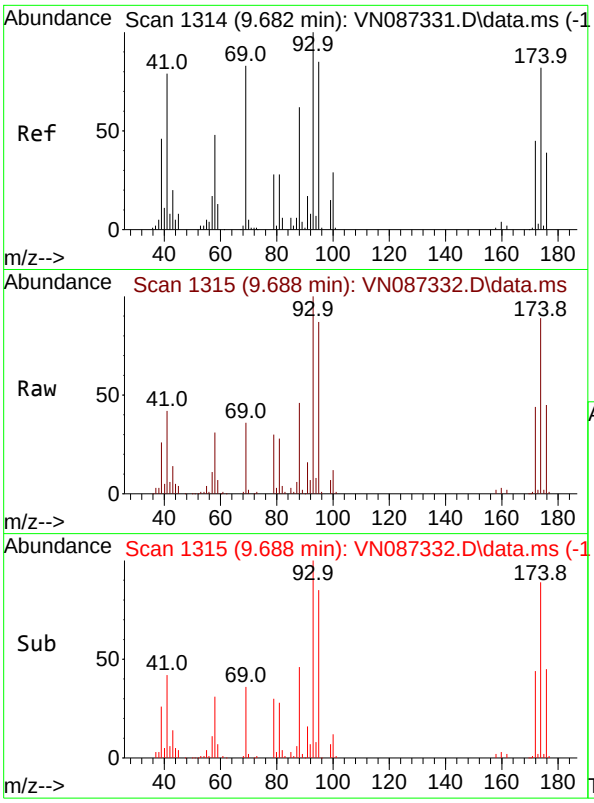
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Methyl methacrylate
Concen: 107.228 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 41 Resp: 334941

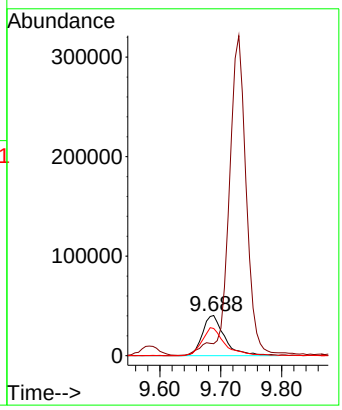
Ion	Ratio	Lower	Upper
41	100		
69	83.2	64.1	96.1
39	58.3	45.5	68.3



#49
1,4-Dioxane
Concen: 2135.348 ug/l
RT: 9.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 88 Resp: 10215

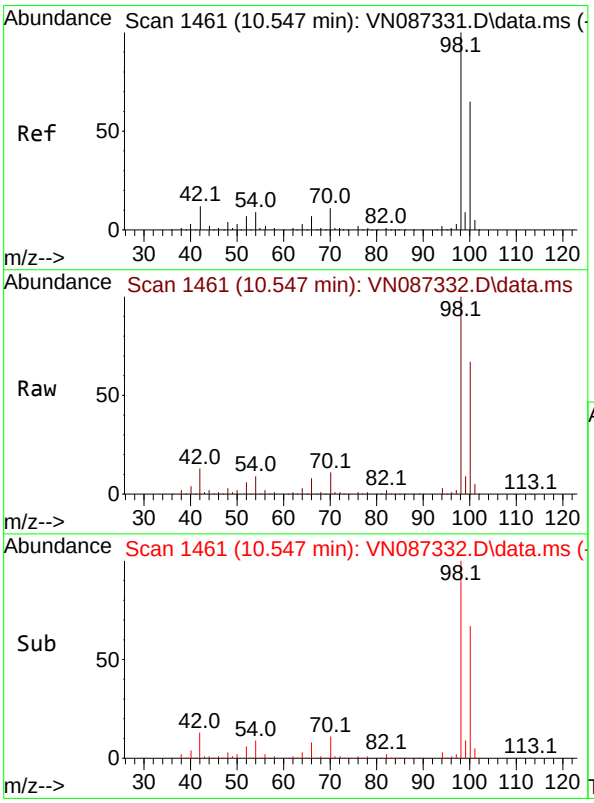
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.4	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

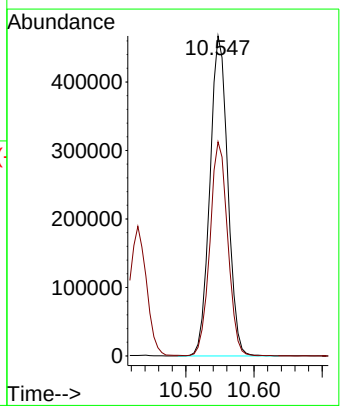
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

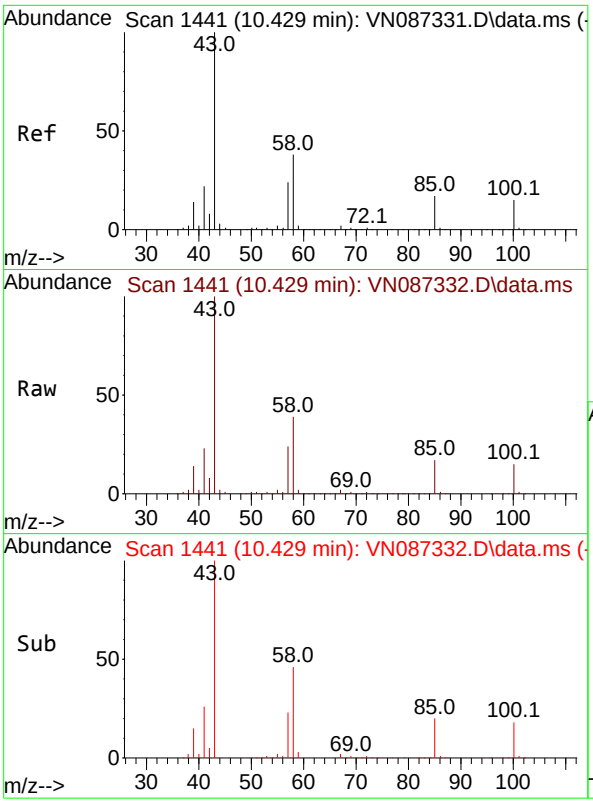


#50
Toluene-d8
Concen: 101.999 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 98 Resp: 852301

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 509.127 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

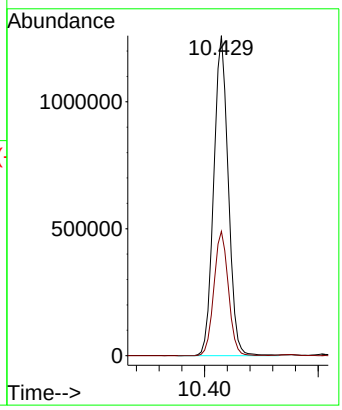
Tgt Ion: 43 Resp: 223427

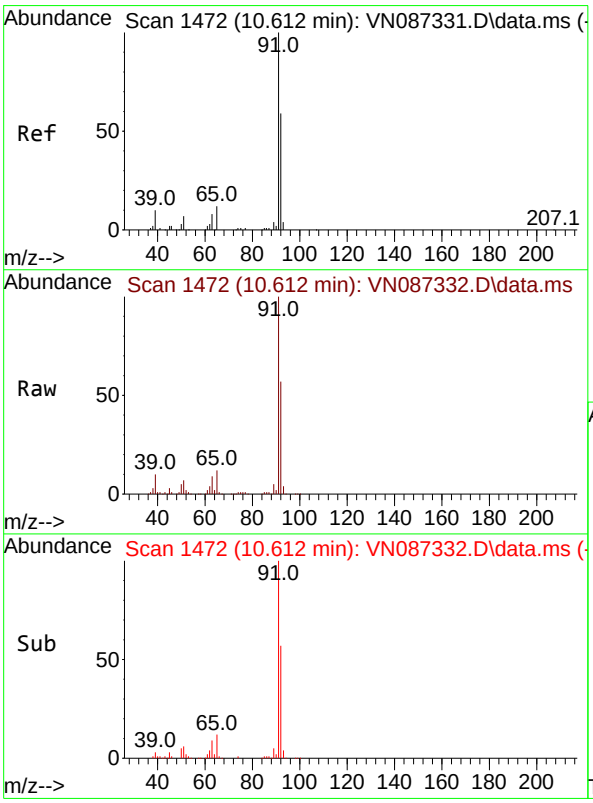
Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.8	46.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

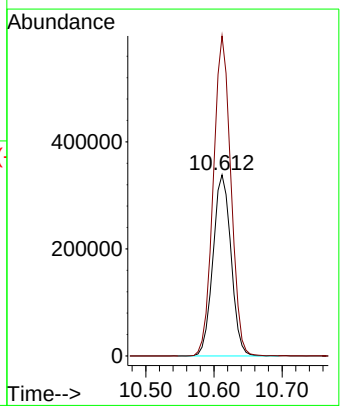


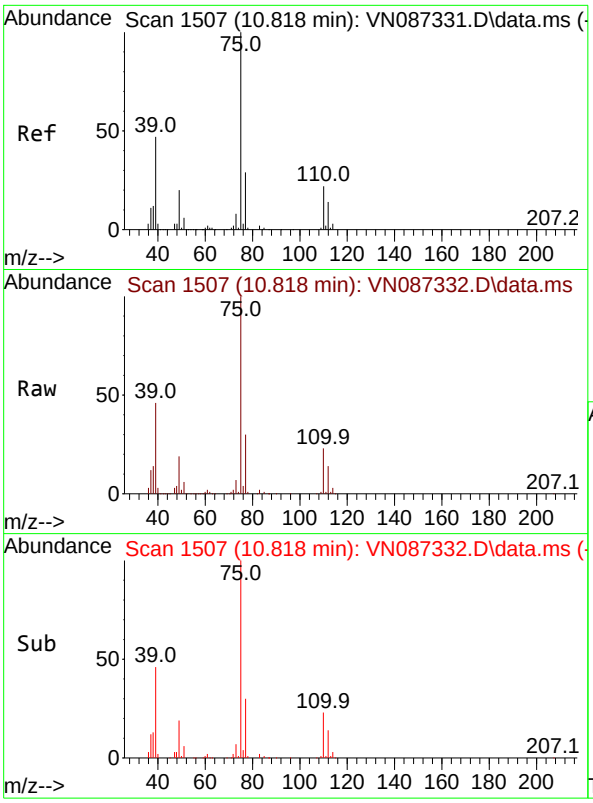


#52
Toluene
Concen: 102.349 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 92 Resp: 622259

Ion	Ratio	Lower	Upper
92	100		
91	172.5	135.1	202.7

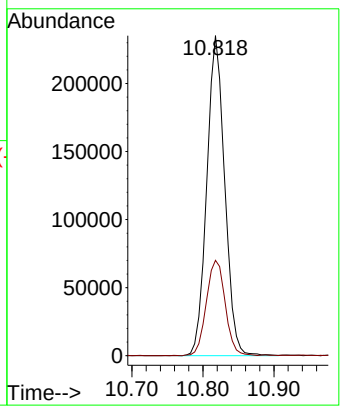




#53
t-1,3-Dichloropropene
Concen: 106.245 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 41214

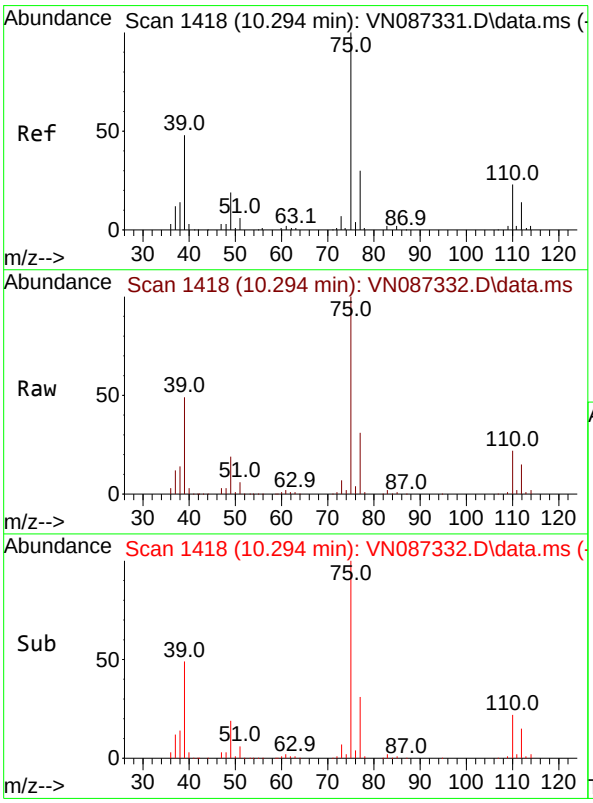
Ion	Ratio	Lower	Upper
75	100		
77	29.7	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

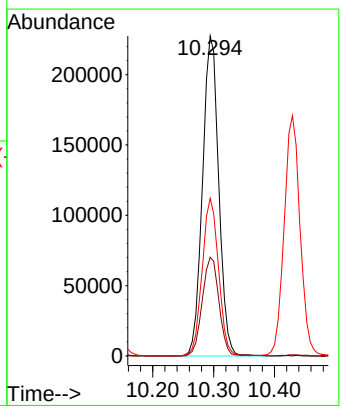
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

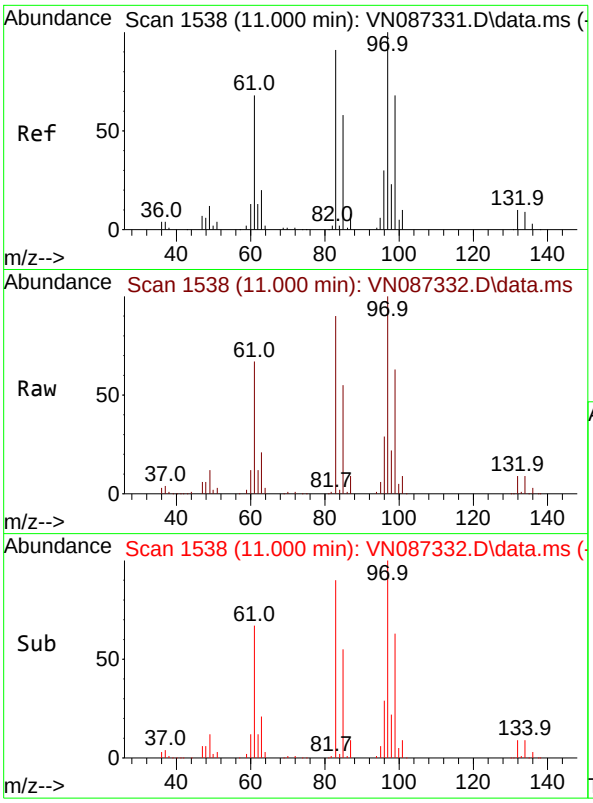


#54
cis-1,3-Dichloropropene
Concen: 105.164 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 421386

Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.2	36.2
39	49.1	38.4	57.6

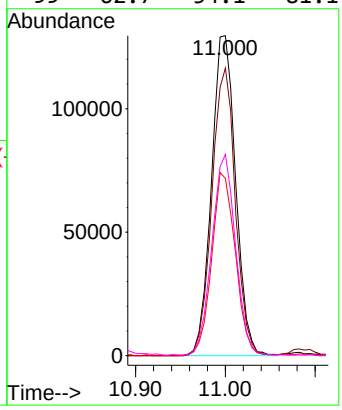




#55
1,1,2-Trichloroethane
Concen: 98.595 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 97 Resp: 24268

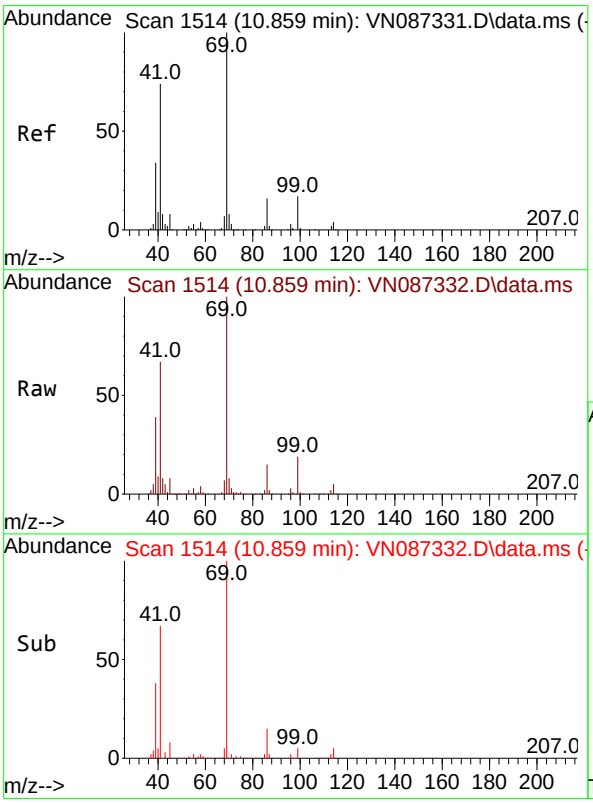
Ion	Ratio	Lower	Upper
97	100		
83	89.9	72.6	109.0
85	55.4	46.7	70.1
99	62.7	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

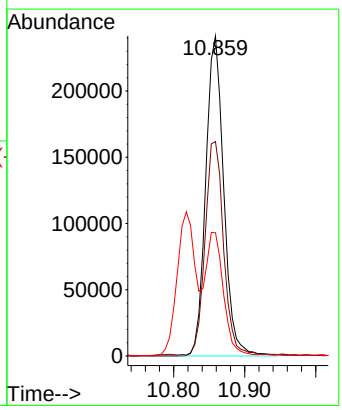
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

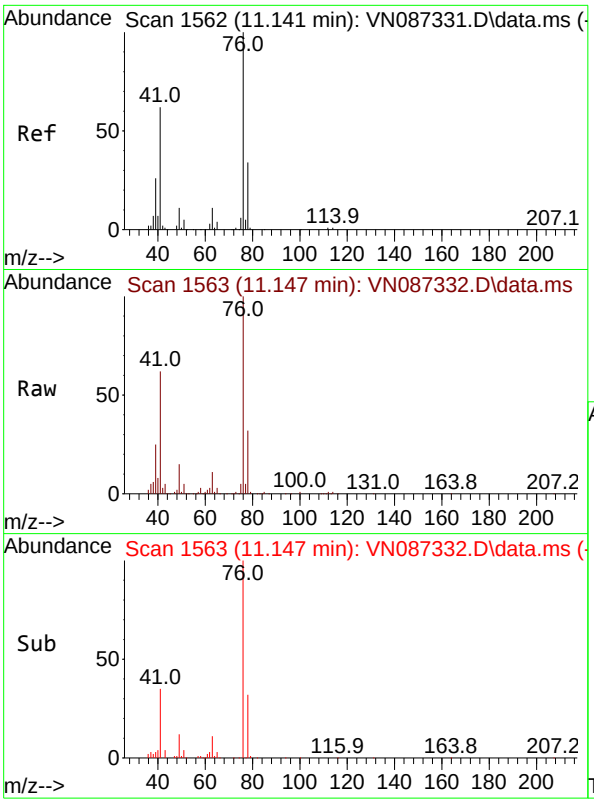


#56
Ethyl methacrylate
Concen: 98.980 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 69 Resp: 425458

Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.1	82.7
39	38.9	27.9	41.9

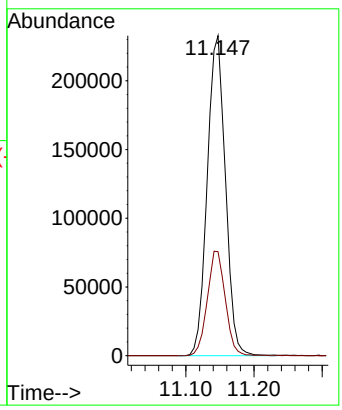




#57
1,3-Dichloropropane
Concen: 101.453 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 76 Resp: 43175

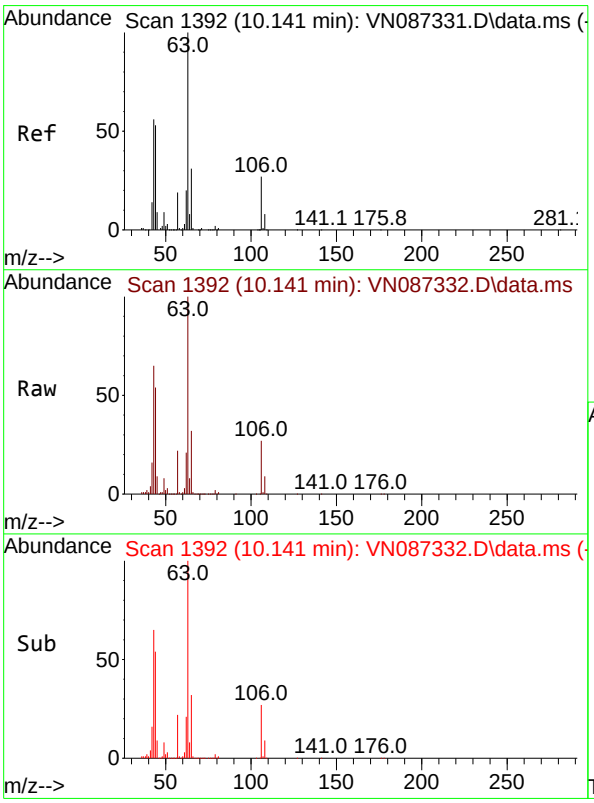
Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

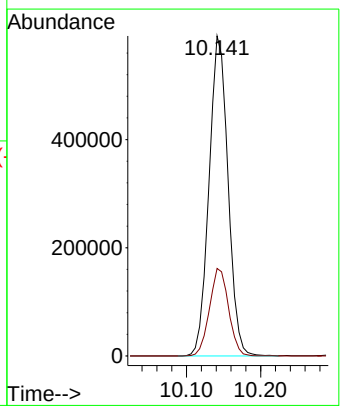
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

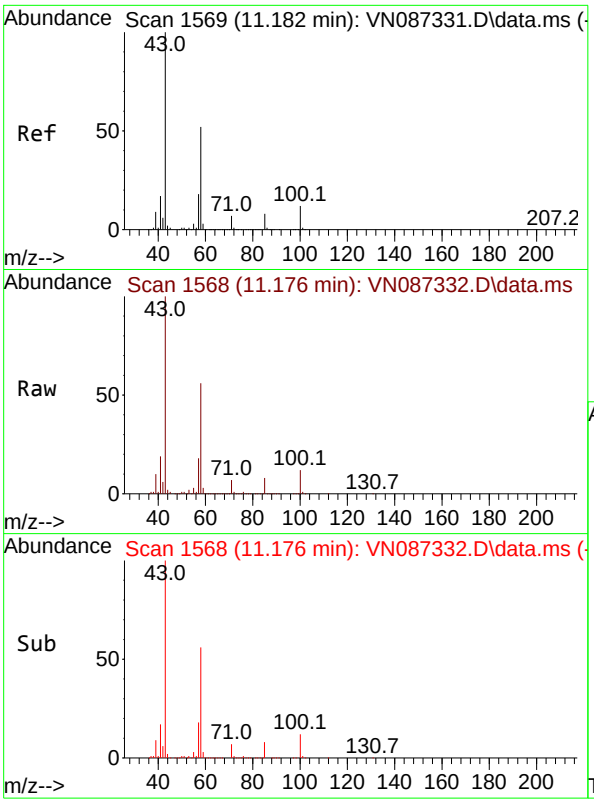


#58
2-Chloroethyl Vinyl ether
Concen: 521.327 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 63 Resp: 1052628

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.7	32.5

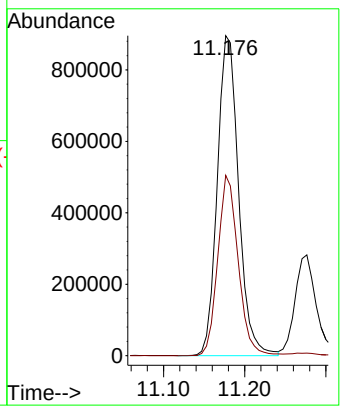




#59
2-Hexanone
Concen: 560.508 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 163194

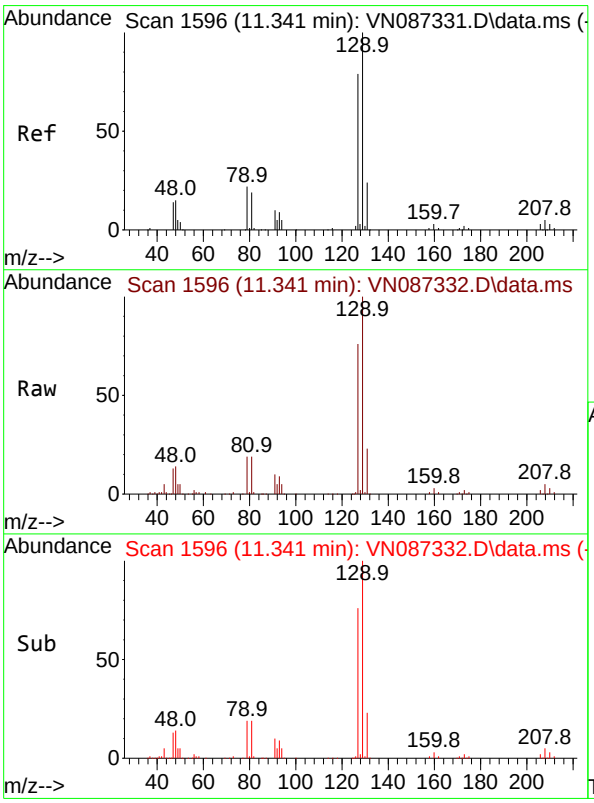
Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.7	80.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

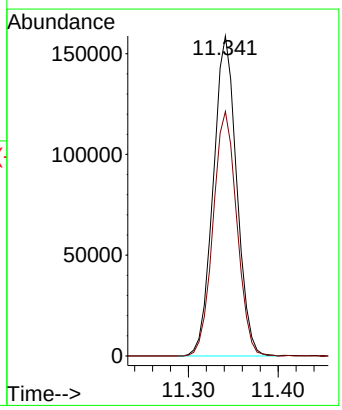
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

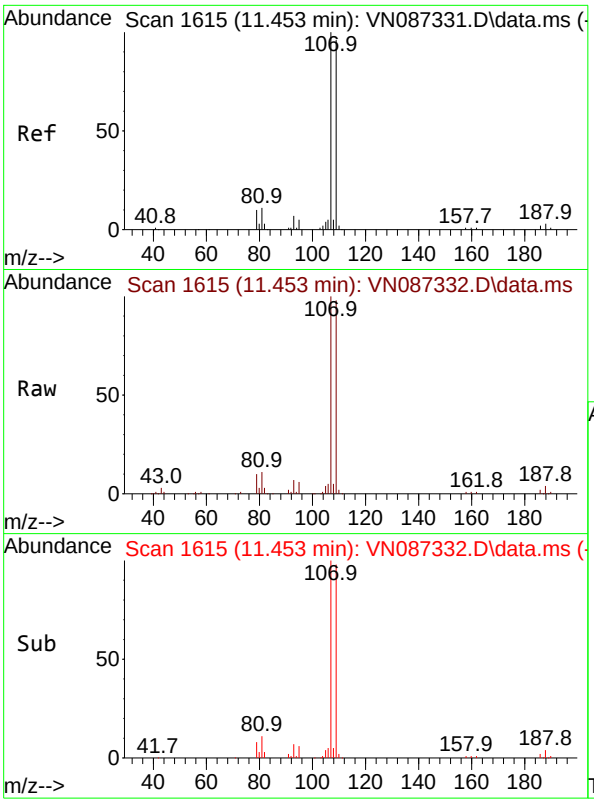


#60
Dibromochloromethane
Concen: 102.484 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:129 Resp: 287682

Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.1	117.5

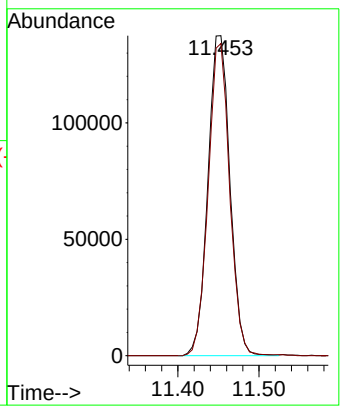




#61
1,2-Dibromoethane
Concen: 100.051 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:107 Resp: 25893

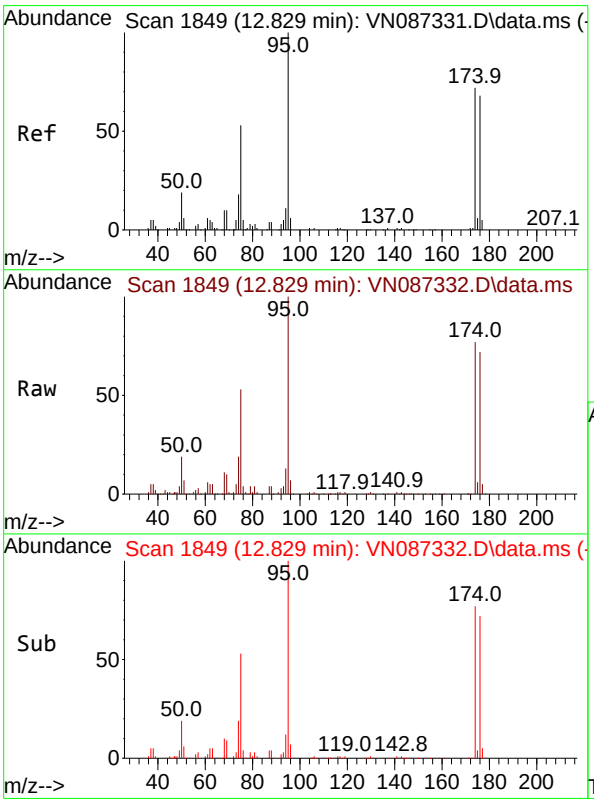
Ion	Ratio	Lower	Upper
107	100		
109	94.9	77.5	116.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

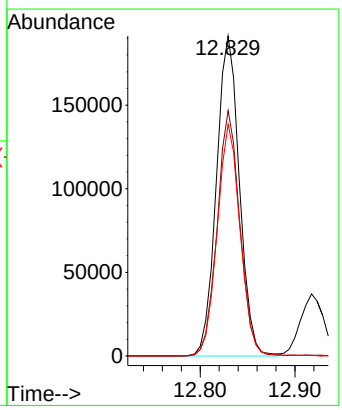
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

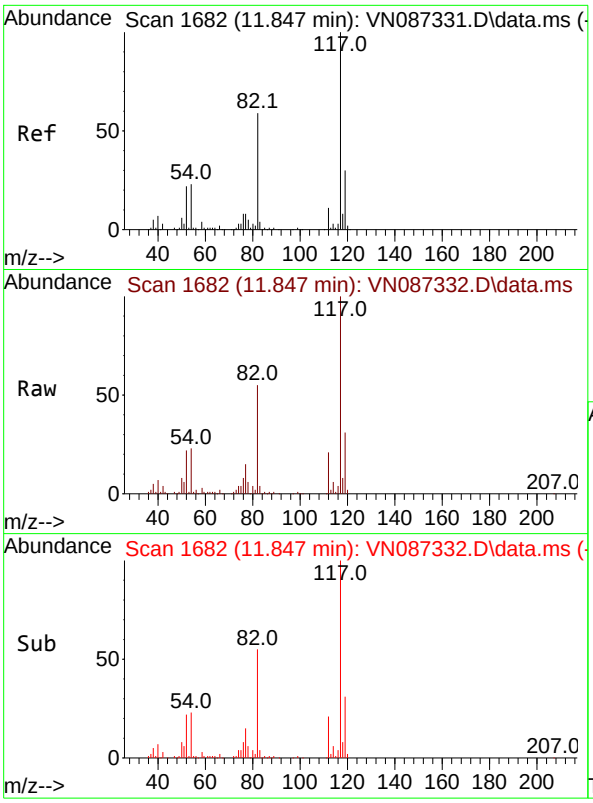


#62
4-Bromofluorobenzene
Concen: 104.650 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 95 Resp: 323070

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	149.4
176	72.2	0.0	141.2

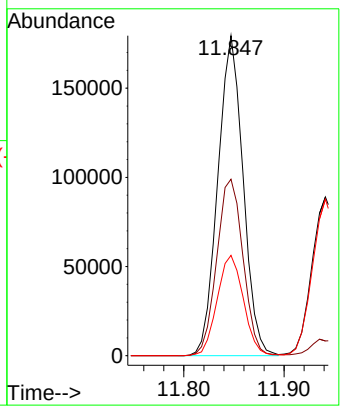




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:117 Resp: 31484

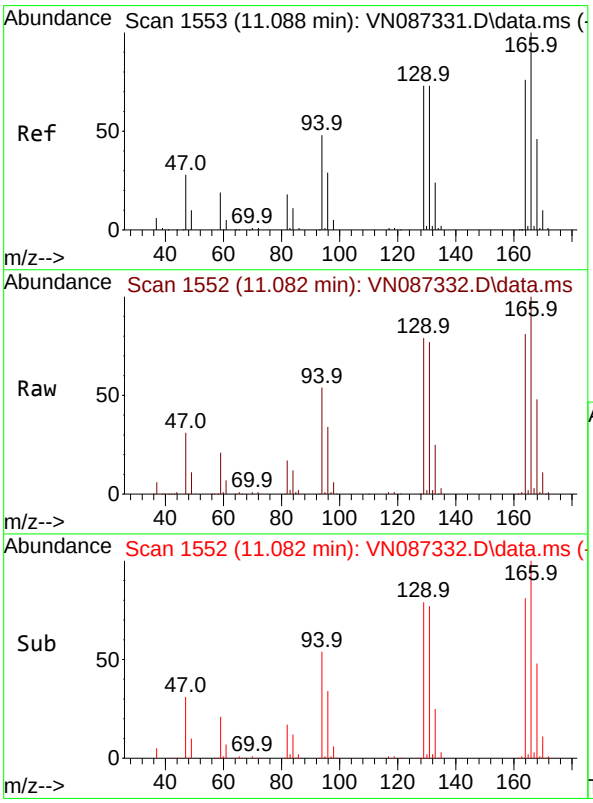
Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.4	71.2
119	31.4	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

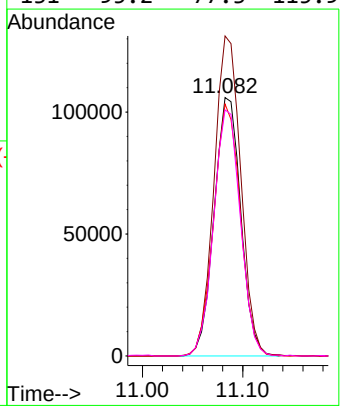
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

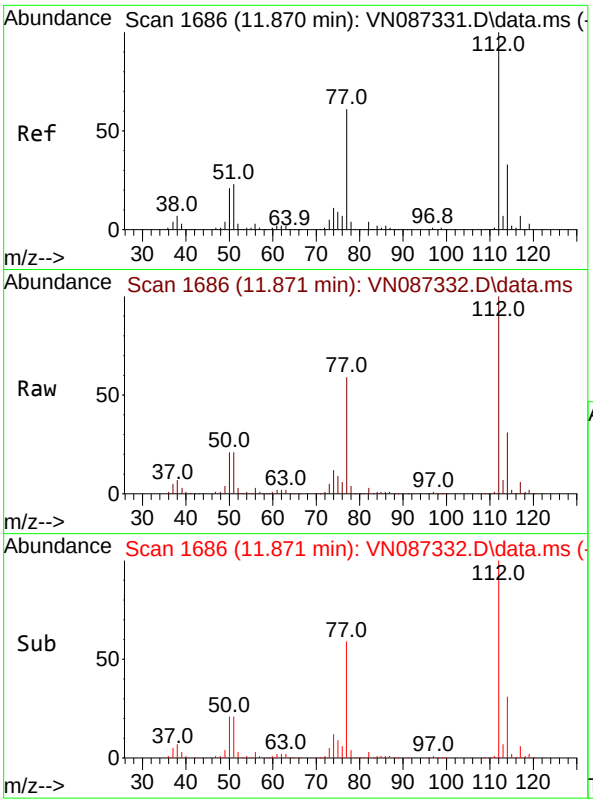


#64
Tetrachloroethene
Concen: 96.252 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:164 Resp: 195044

Ion	Ratio	Lower	Upper
164	100		
166	123.8	105.5	158.3
129	97.4	77.4	116.2
131	95.2	77.3	115.9

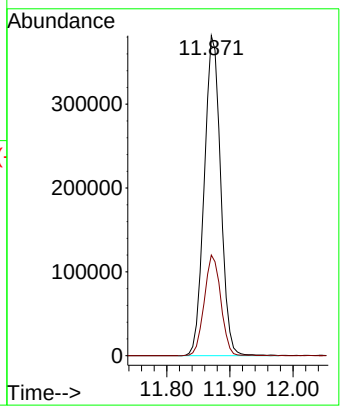




#65
Chlorobenzene
Concen: 97.289 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:112 Resp: 68769

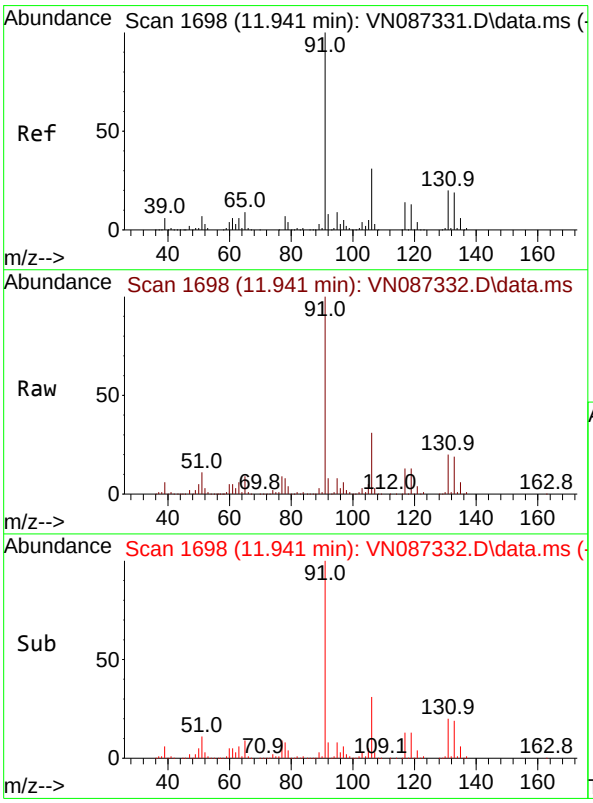
Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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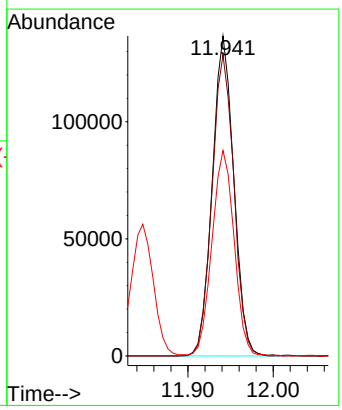
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

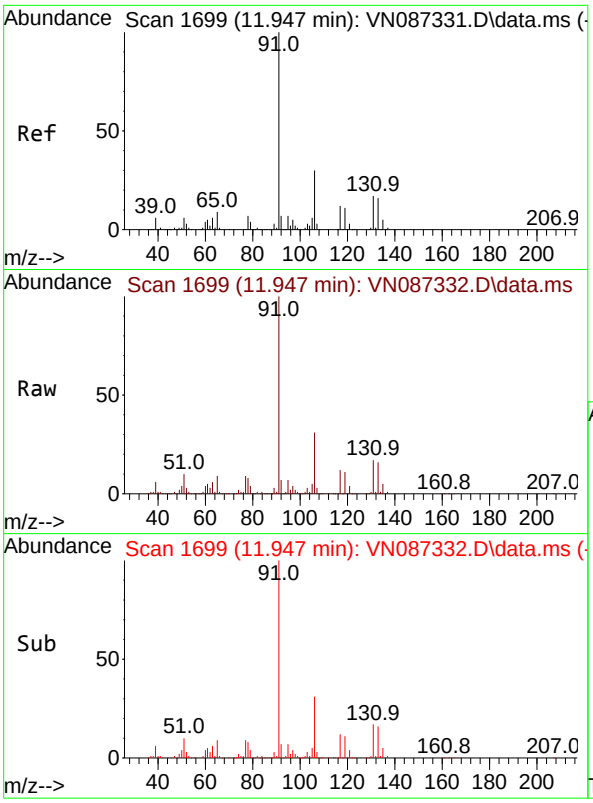


#66
1,1,1,2-Tetrachloroethane
Concen: 99.736 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:131 Resp: 239722

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.4	142.3
119	66.2	33.1	99.2





#67
Ethyl Benzene
Concen: 103.080 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

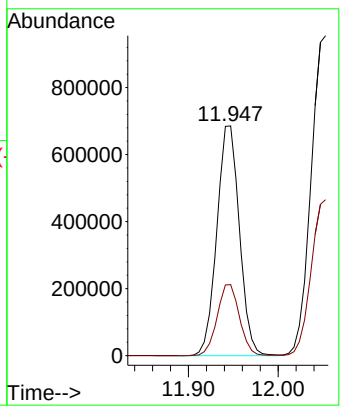
Tgt Ion: 91 Resp: 119951

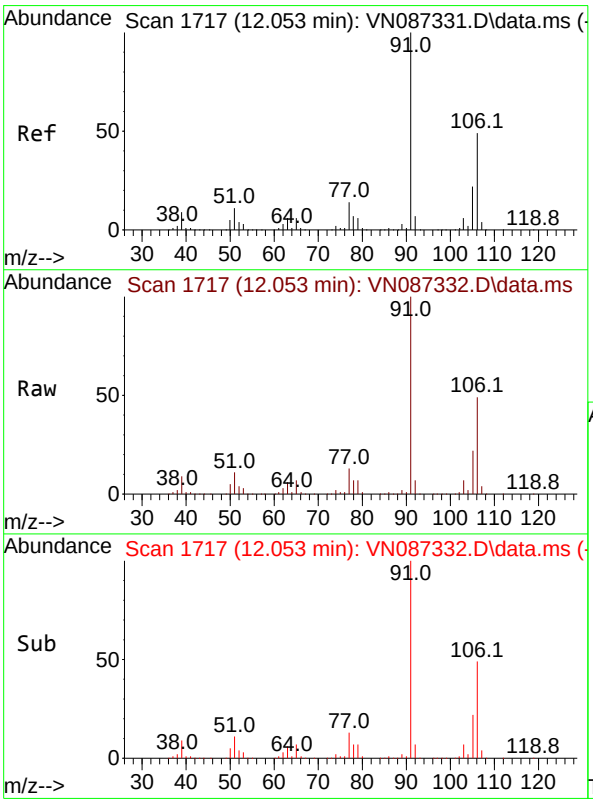
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

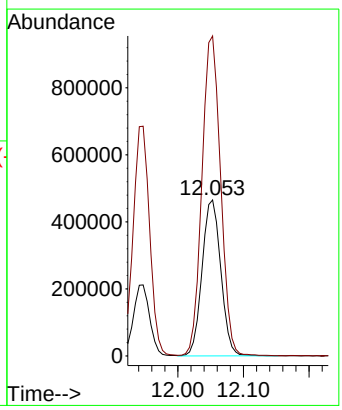


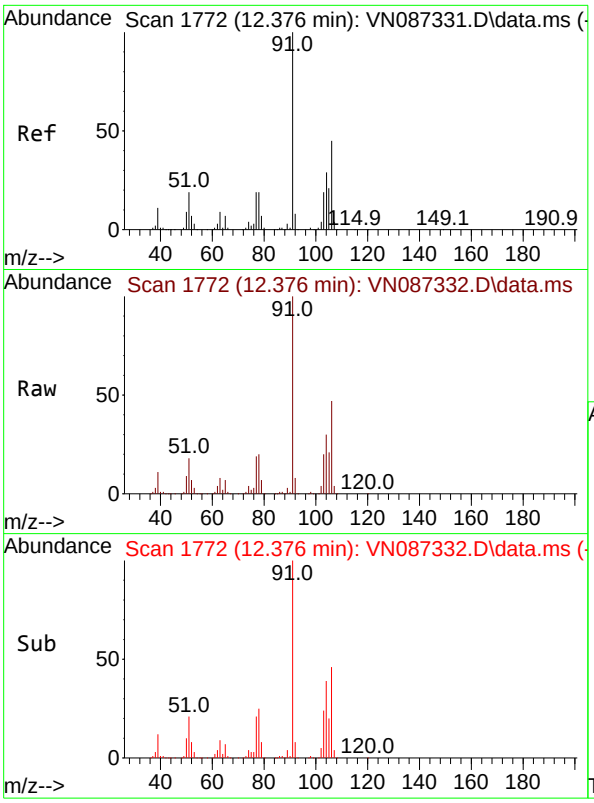


#68
m/p-Xylenes
Concen: 212.065 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:106 Resp: 924069

Ion	Ratio	Lower	Upper
106	100		
91	204.6	162.0	243.0





#69
o-Xylene
Concen: 107.413 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

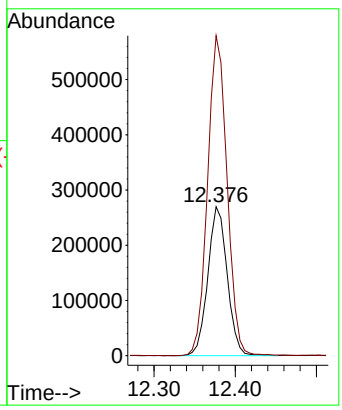
Tgt Ion:106 Resp: 44709

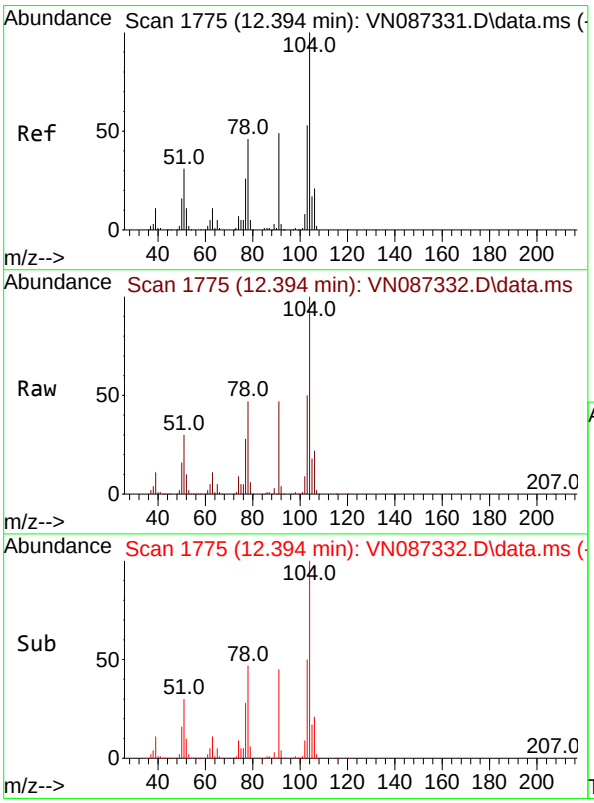
Ion	Ratio	Lower	Upper
106	100		
91	216.0	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

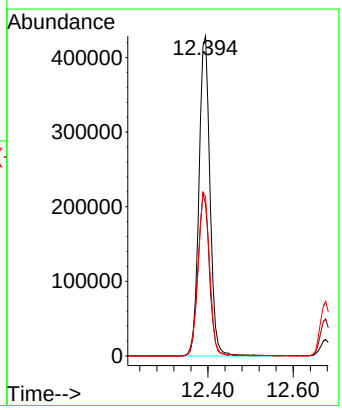


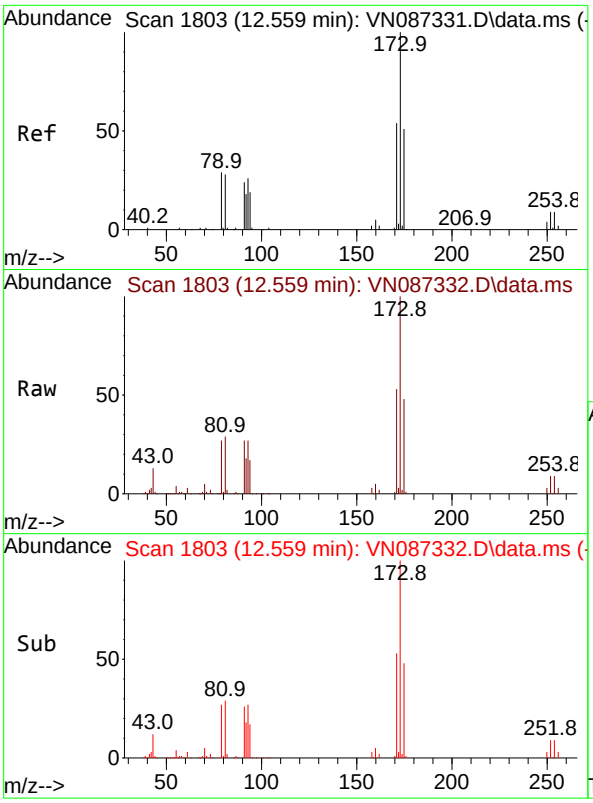


#70
Styrene
Concen: 109.464 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:104 Resp: 766471

Ion	Ratio	Lower	Upper
104	100		
78	53.0	41.0	61.6
103	54.0	43.9	65.9

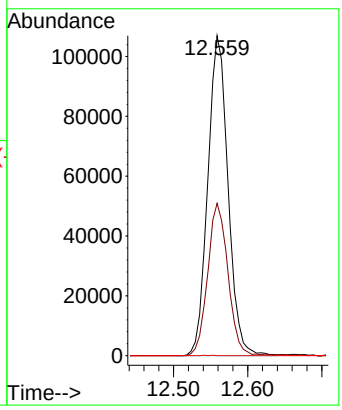




#71
Bromoform
Concen: 104.498 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:173 Resp: 20291

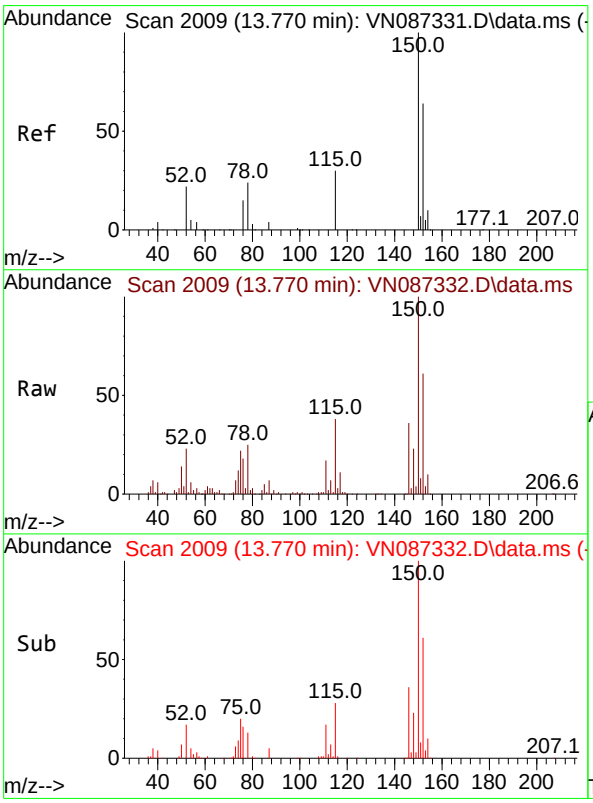
Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

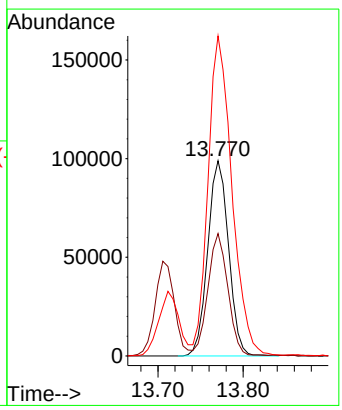
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

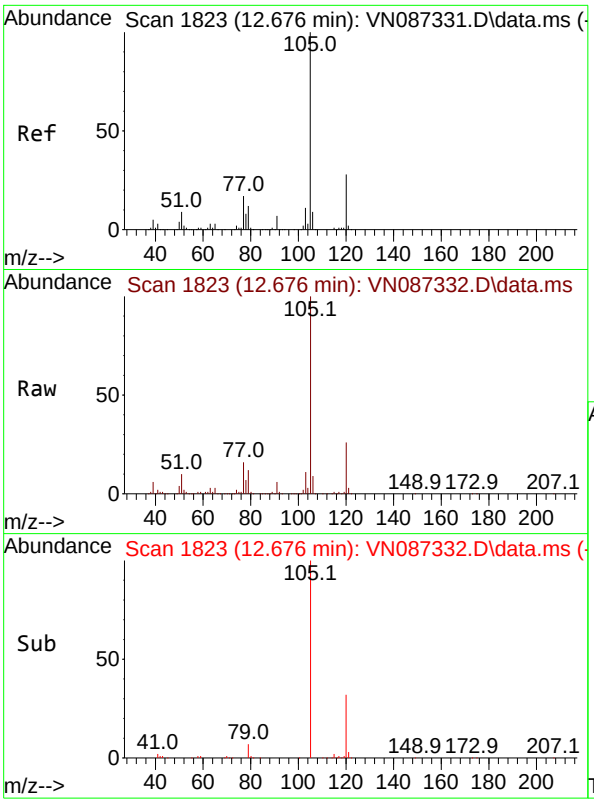


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:152 Resp: 168489

Ion	Ratio	Lower	Upper
152	100		
115	59.2	31.1	93.5
150	186.3	0.0	349.0

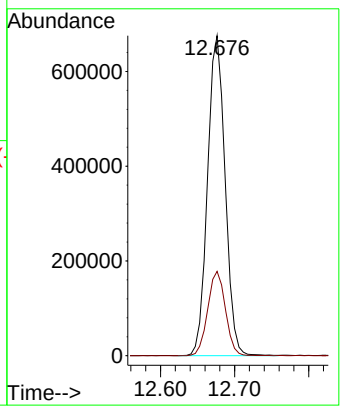




#73
Isopropylbenzene
Concen: 104.940 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:105 Resp: 111282

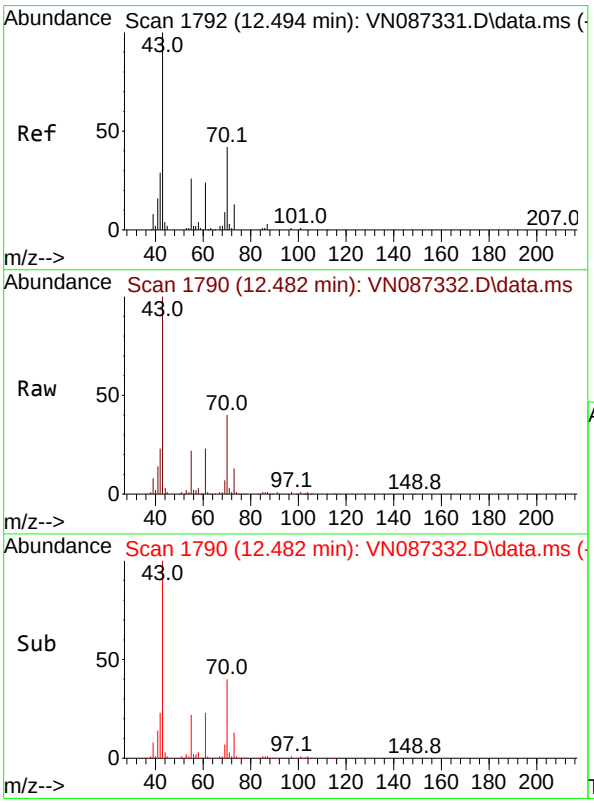
Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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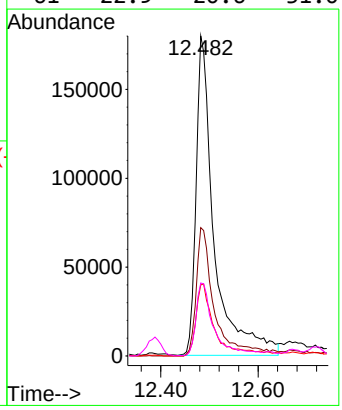
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

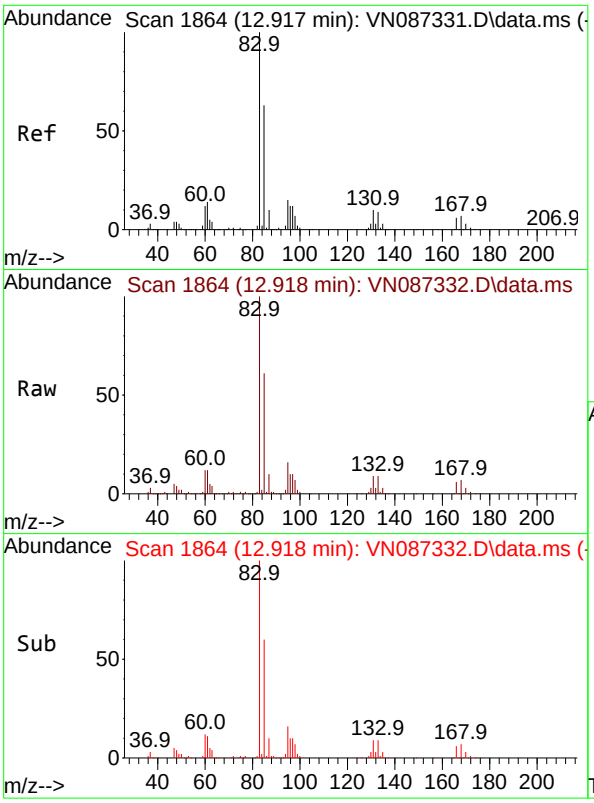


#74
N-amyl acetate
Concen: 112.129 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 464246

Ion	Ratio	Lower	Upper
43	100		
70	41.1	37.6	56.4
55	23.5	19.6	29.4
61	22.9	20.6	31.0

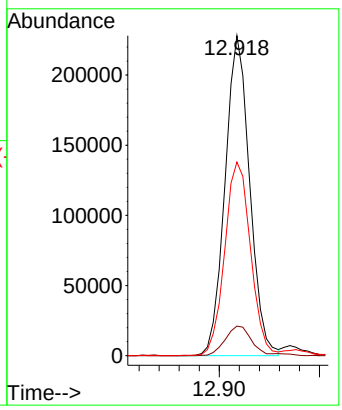




#75
1,1,2,2-Tetrachloroethane
Concen: 97.587 ug/l
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 83 Resp: 38939

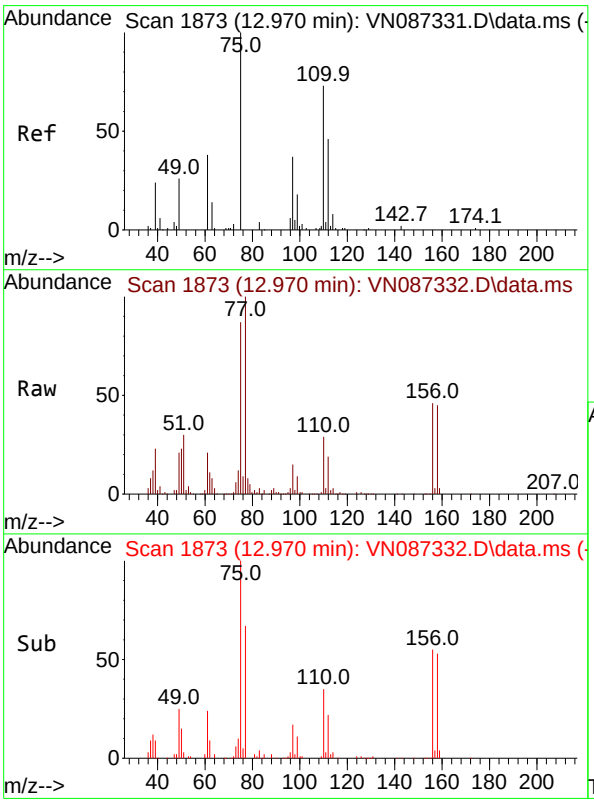
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	63.5	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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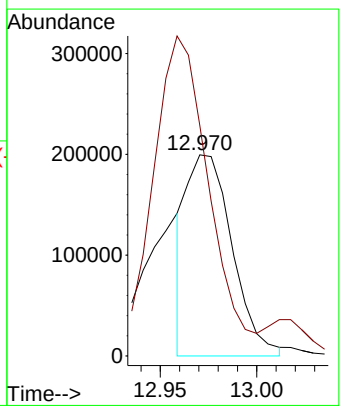
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

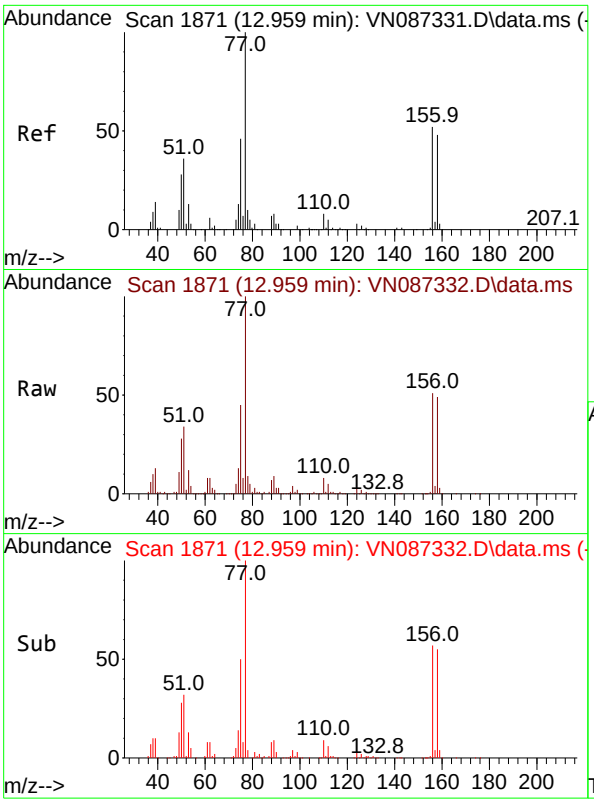


#76
1,2,3-Trichloropropane
Concen: 87.327 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 326434

Ion	Ratio	Lower	Upper
75	100		
77	196.5	94.5	283.6

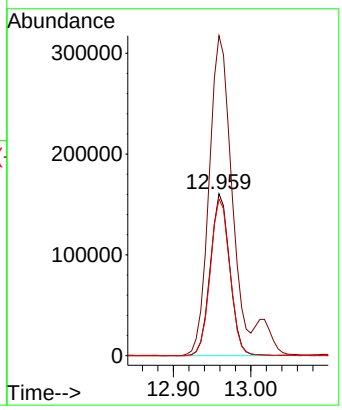




#77
Bromobenzene
Concen: 101.662 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:156 Resp: 27958

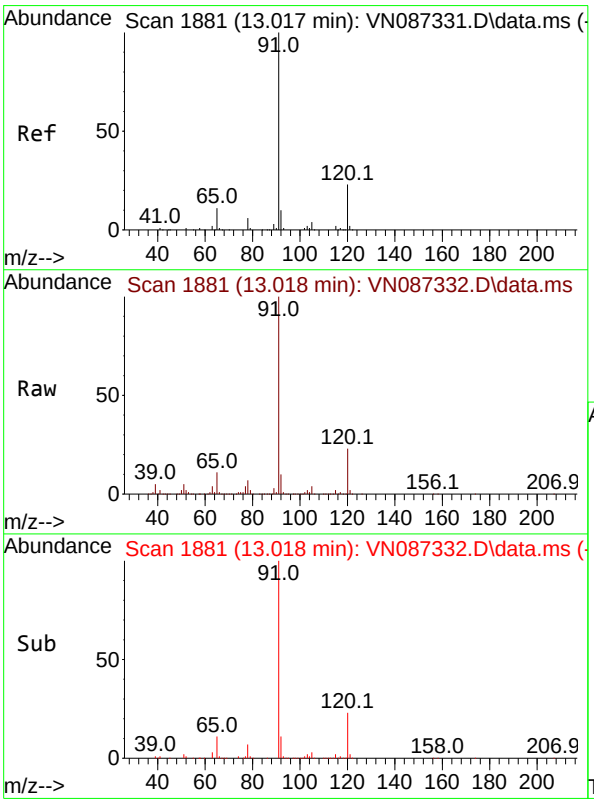
Ion	Ratio	Lower	Upper
156	100		
77	229.4	114.9	344.6
158	97.6	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

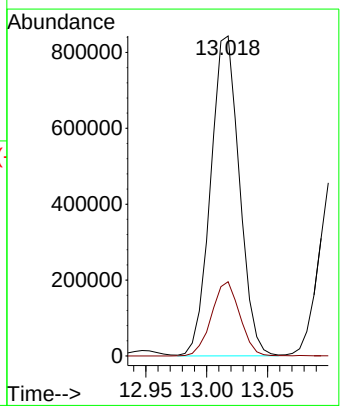
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

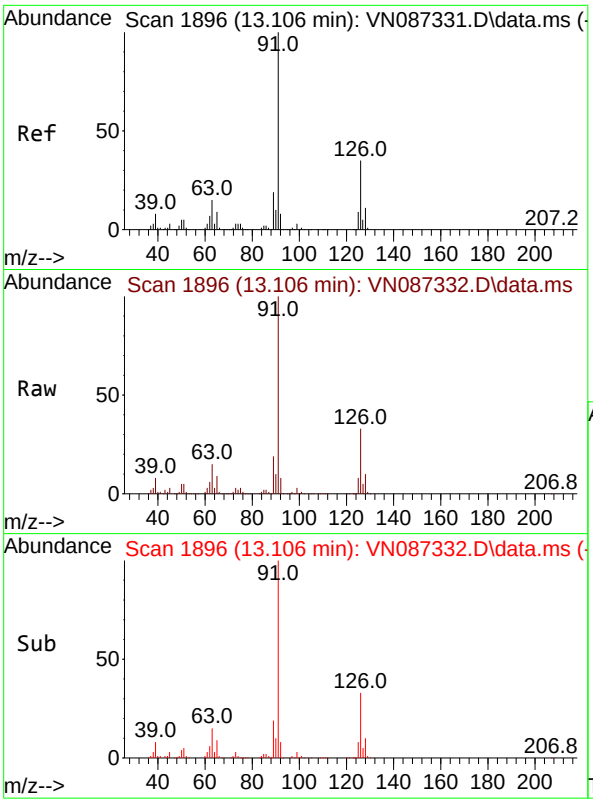


#78
n-propylbenzene
Concen: 103.771 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 91 Resp: 1384517

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8





#79
2-Chlorotoluene
Concen: 102.452 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

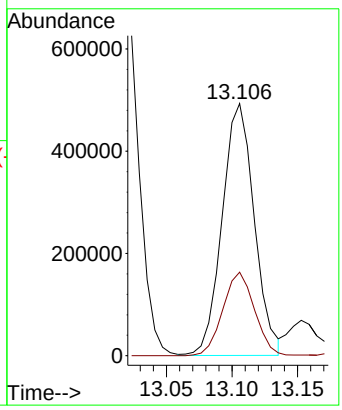
Tgt Ion: 91 Resp: 84007

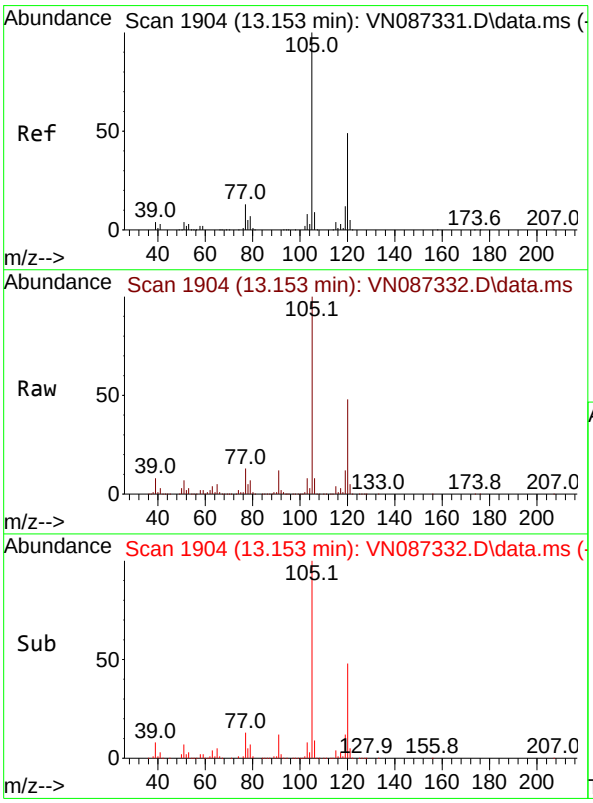
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.9	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

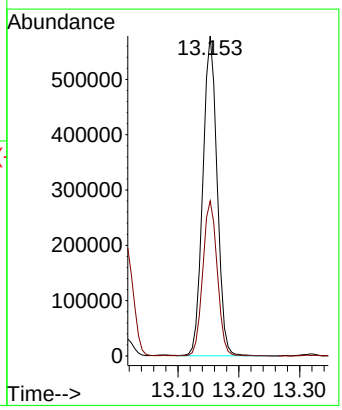


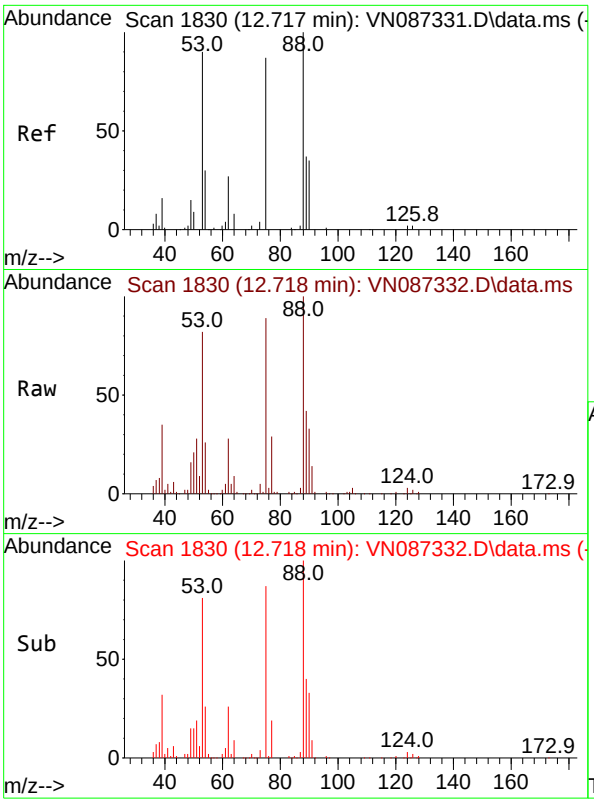


#80
1,3,5-Trimethylbenzene
Concen: 104.383 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:105 Resp: 943119

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	72.8

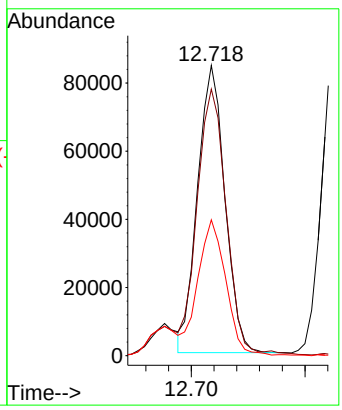




#81
trans-1,4-Dichloro-2-butene
Concen: 101.874 ug/l
RT: 12.718 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 14067

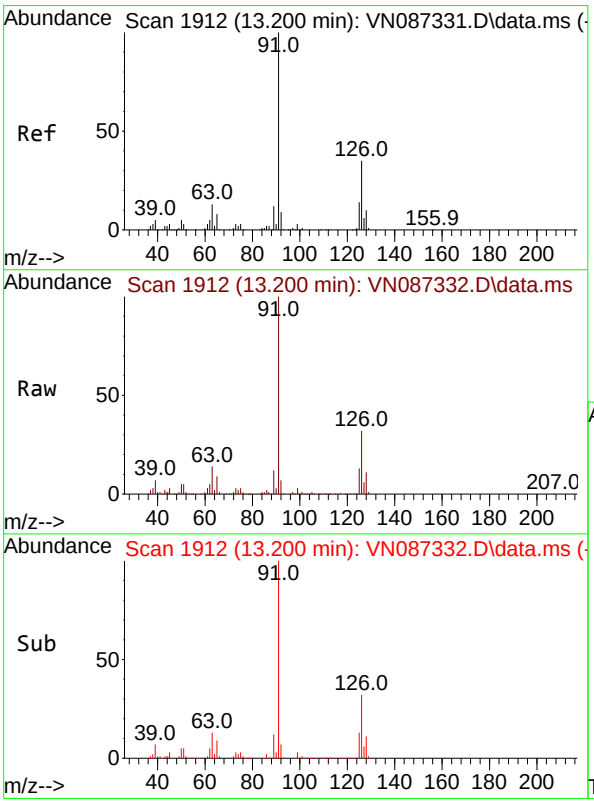
Ion	Ratio	Lower	Upper
75	100		
53	110.2	83.5	125.3
89	49.1	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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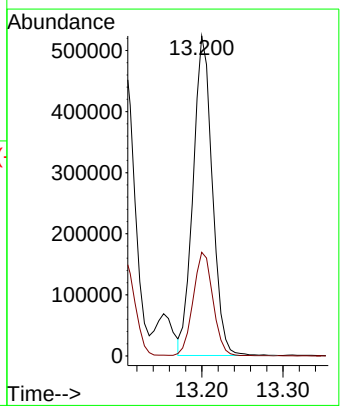
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

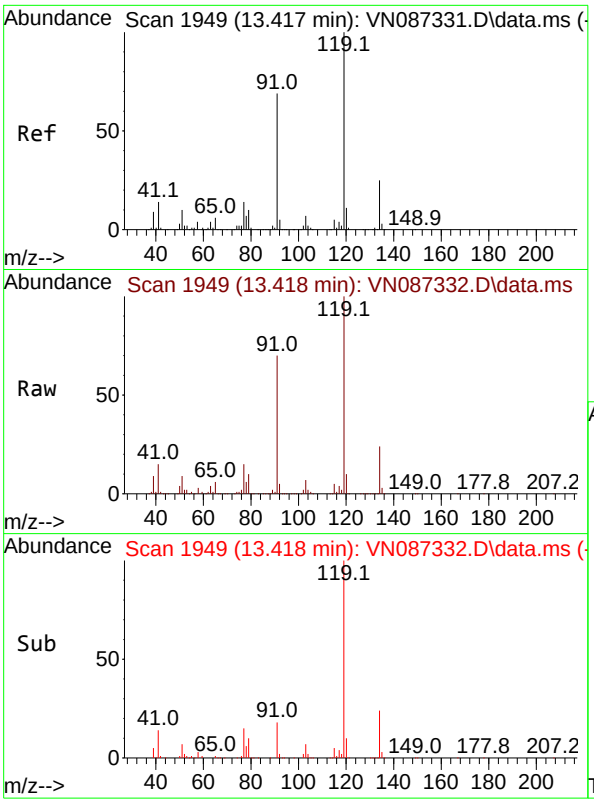


#82
4-Chlorotoluene
Concen: 100.734 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 91 Resp: 859965

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.7

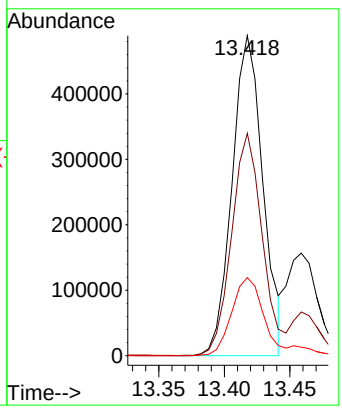




#83
tert-Butylbenzene
Concen: 106.106 ug/l
RT: 13.418 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:119 Resp: 80070

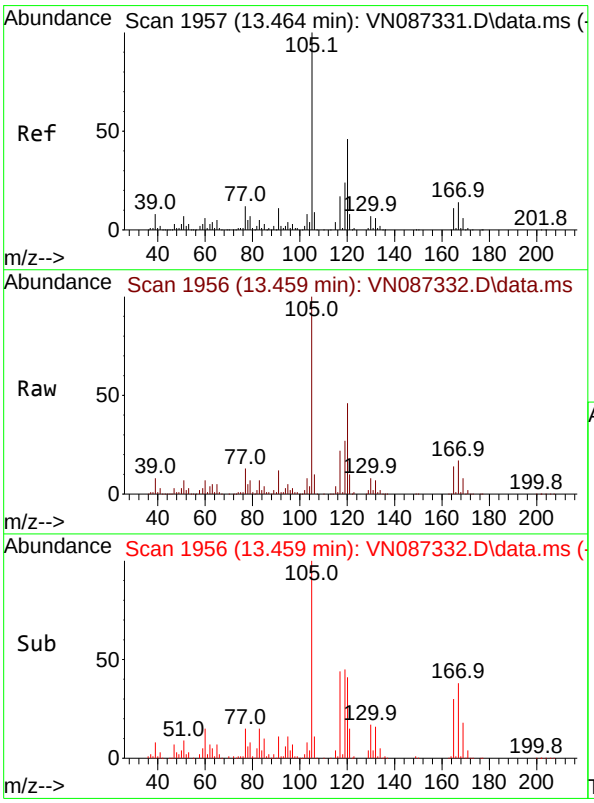
Ion	Ratio	Lower	Upper
119	100		
91	69.4	35.0	105.1
134	24.9	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

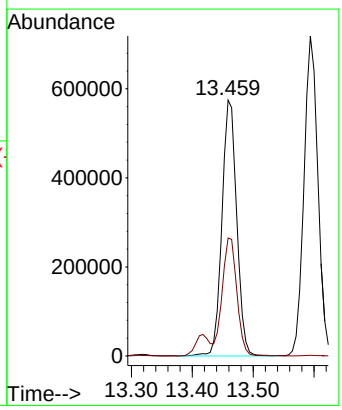
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

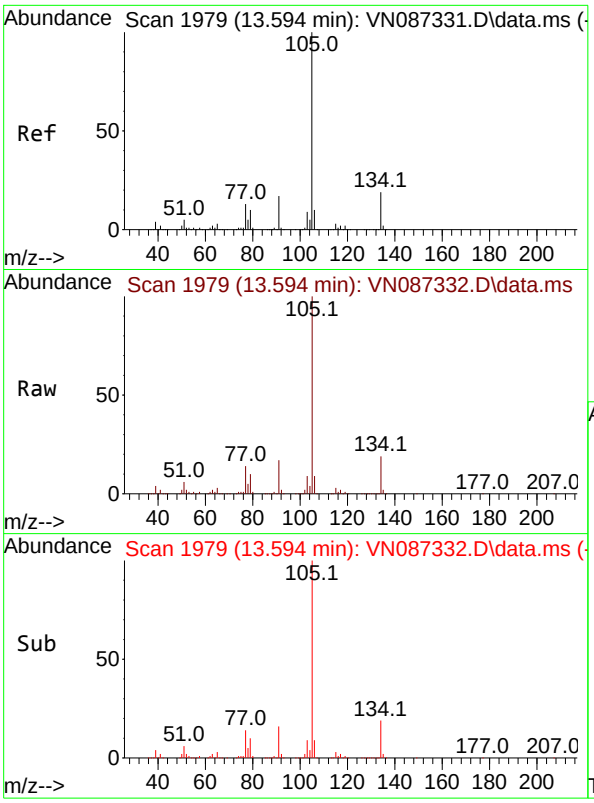


#84
1,2,4-Trimethylbenzene
Concen: 104.898 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:105 Resp: 967878

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3

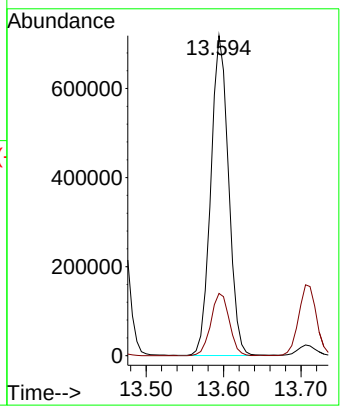




#85
sec-Butylbenzene
Concen: 100.410 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:105 Resp: 114132

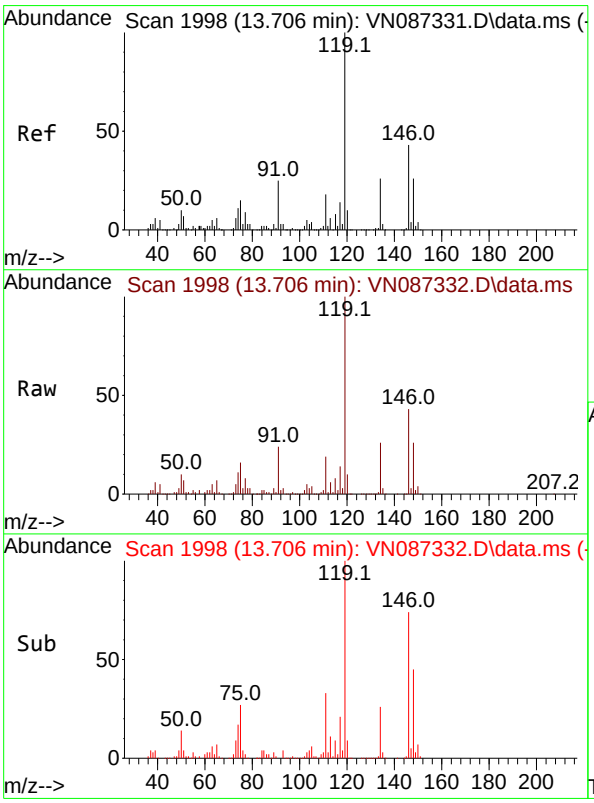
Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

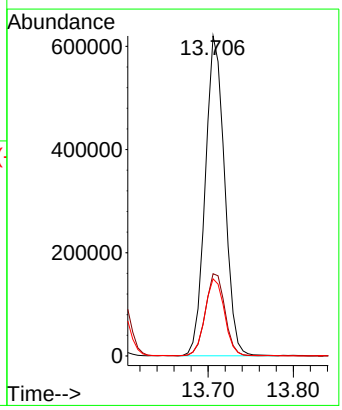
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

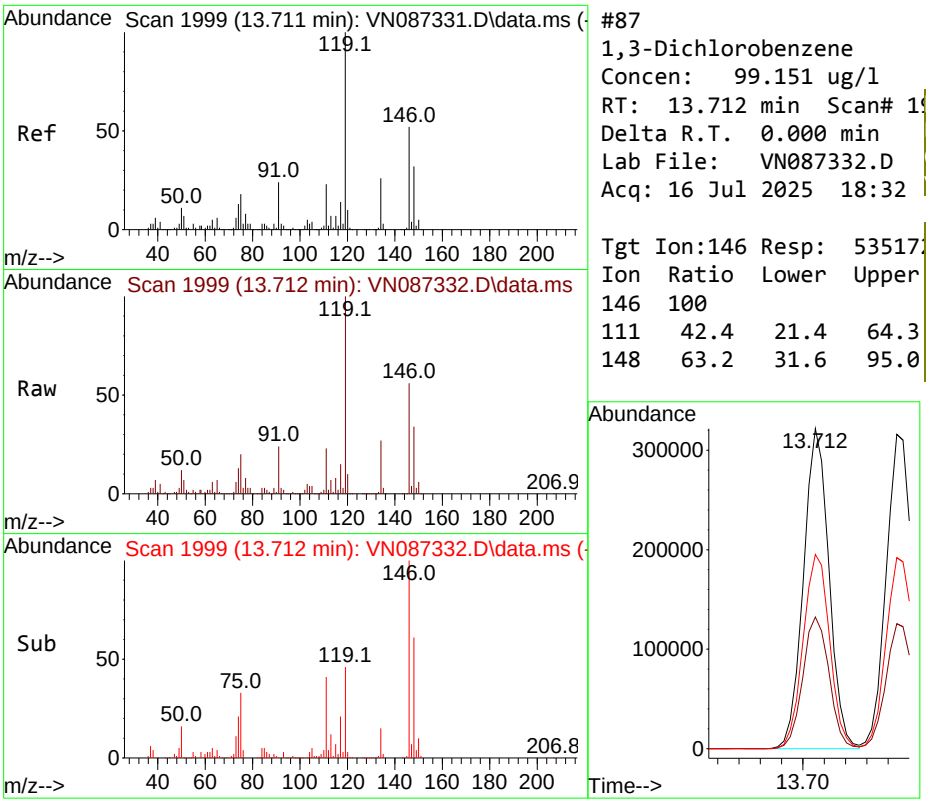


#86
p-Isopropyltoluene
Concen: 107.037 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:119 Resp: 975014

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.5	40.5
91	24.5	12.2	36.6





#87
1,3-Dichlorobenzene
Concen: 99.151 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

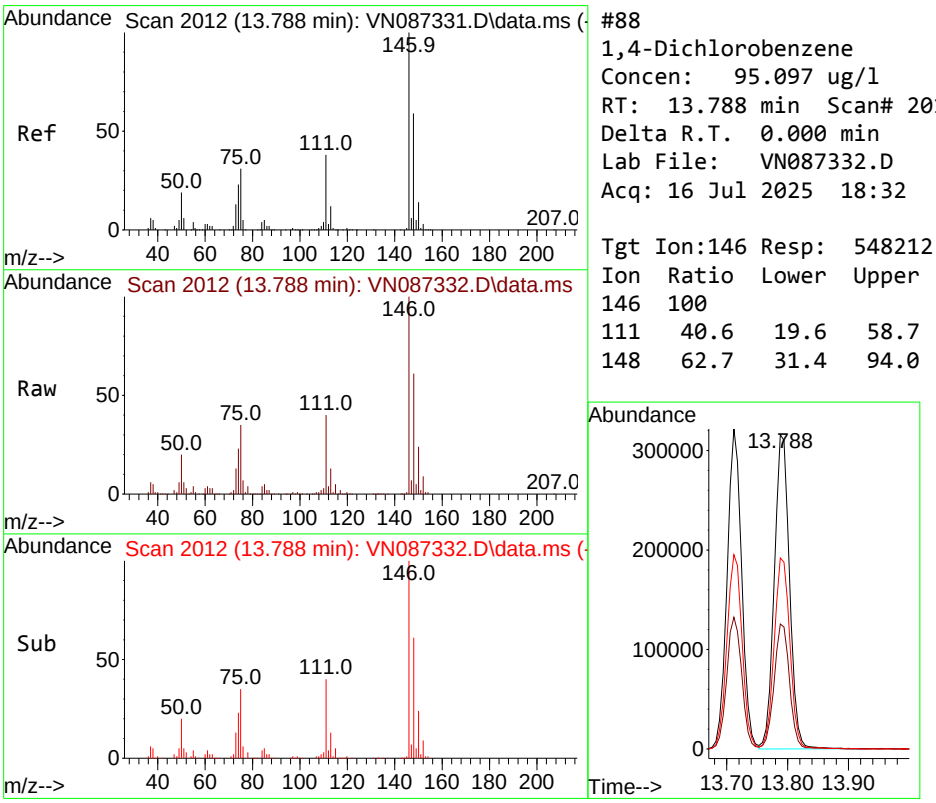
Tgt Ion:146 Resp: 53517

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	63.2	31.6	95.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

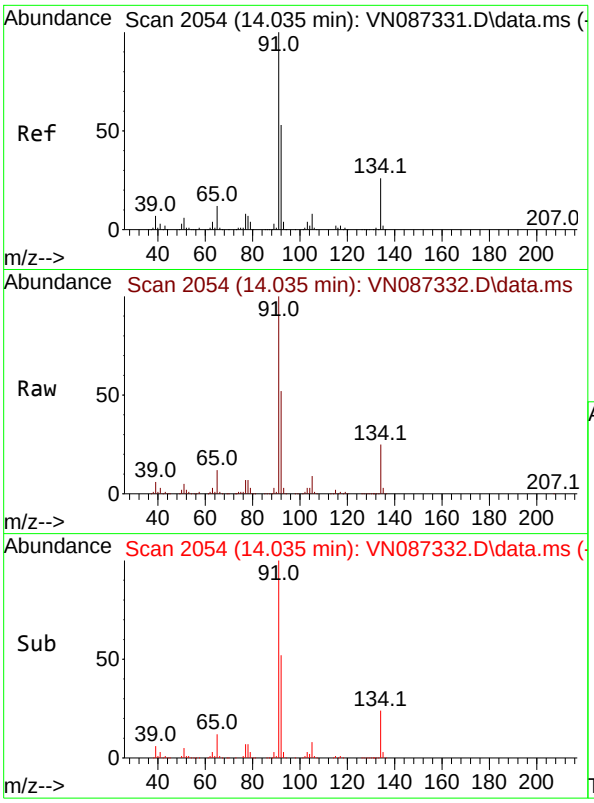
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88
1,4-Dichlorobenzene
Concen: 95.097 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:146 Resp: 548212

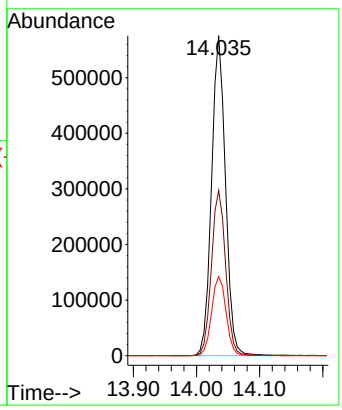
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	62.7	31.4	94.0



#89
n-Butylbenzene
Concen: 101.260 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 91 Resp: 88076

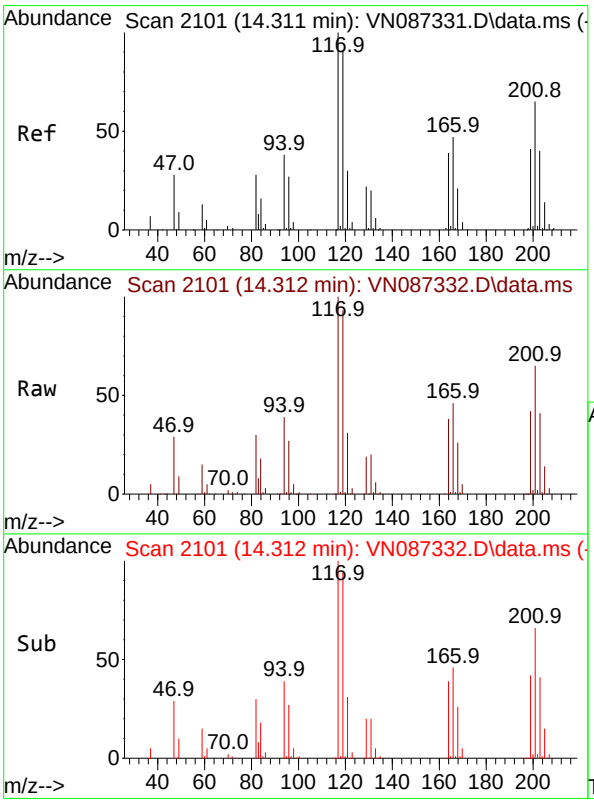
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	25.7	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

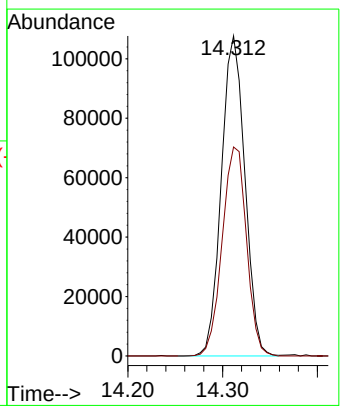
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

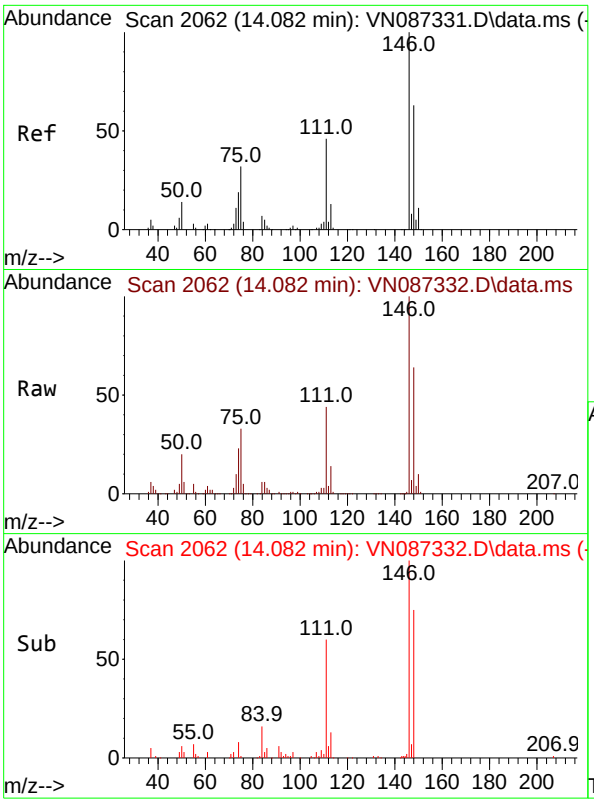


#90
Hexachloroethane
Concen: 96.358 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:117 Resp: 185973

Ion	Ratio	Lower	Upper
117	100		
201	67.5	32.8	98.4

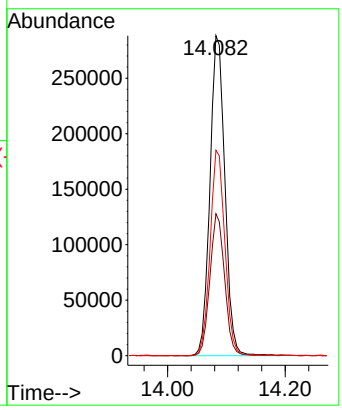




#91
1,2-Dichlorobenzene
Concen: 99.523 ug/l
RT: 14.082 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:146 Resp: 50890

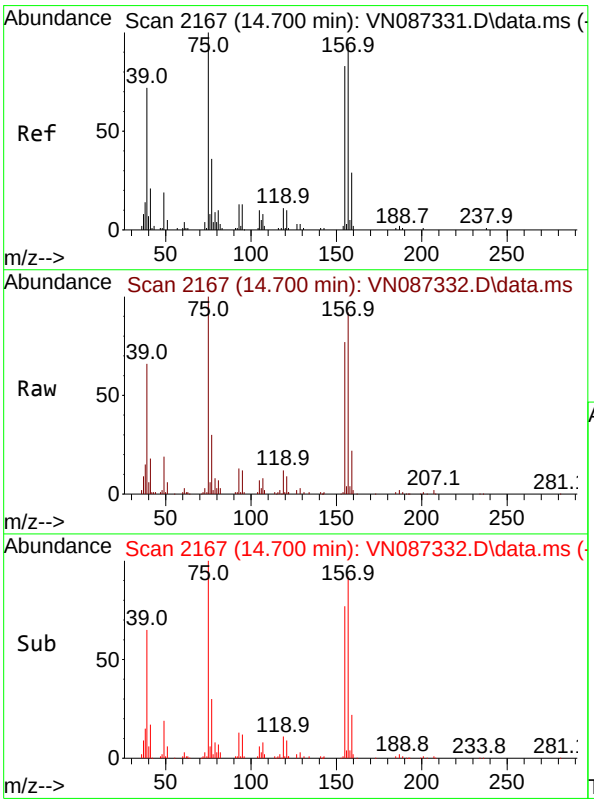
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.0	66.0
148	63.6	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

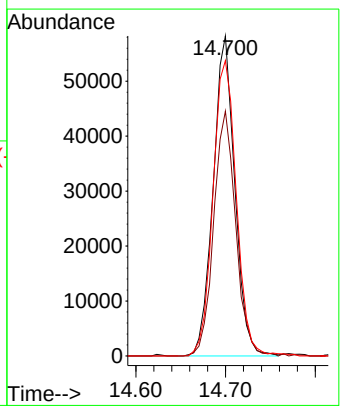
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

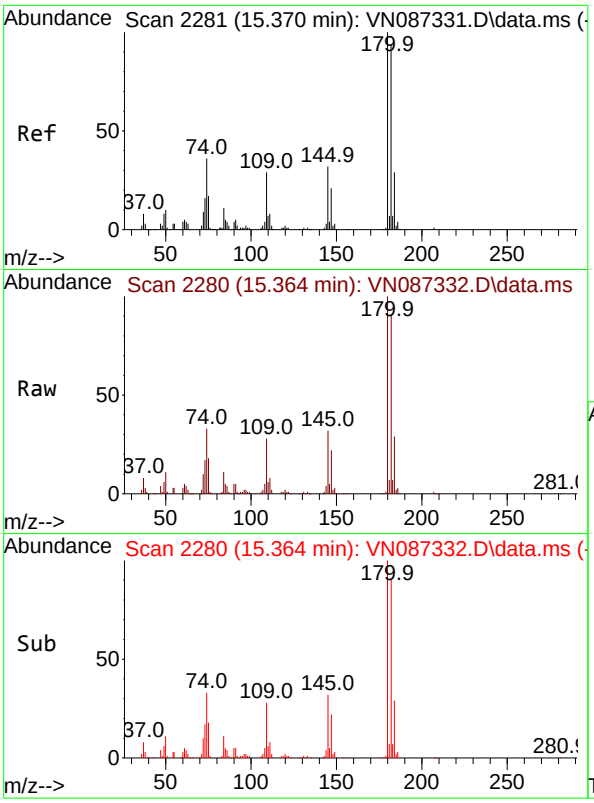


#92
1,2-Dibromo-3-Chloropropane
Concen: 93.137 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 97572

Ion	Ratio	Lower	Upper
75	100		
155	78.0	37.3	111.8
157	99.6	46.2	138.6

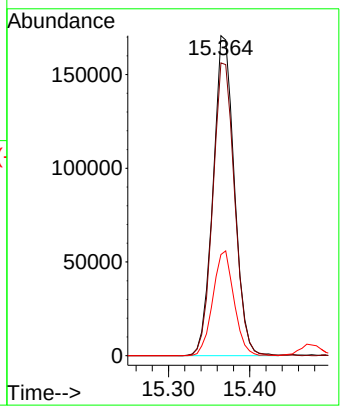




#93
1,2,4-Trichlorobenzene
Concen: 103.357 ug/l
RT: 15.364 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:180 Resp: 31044

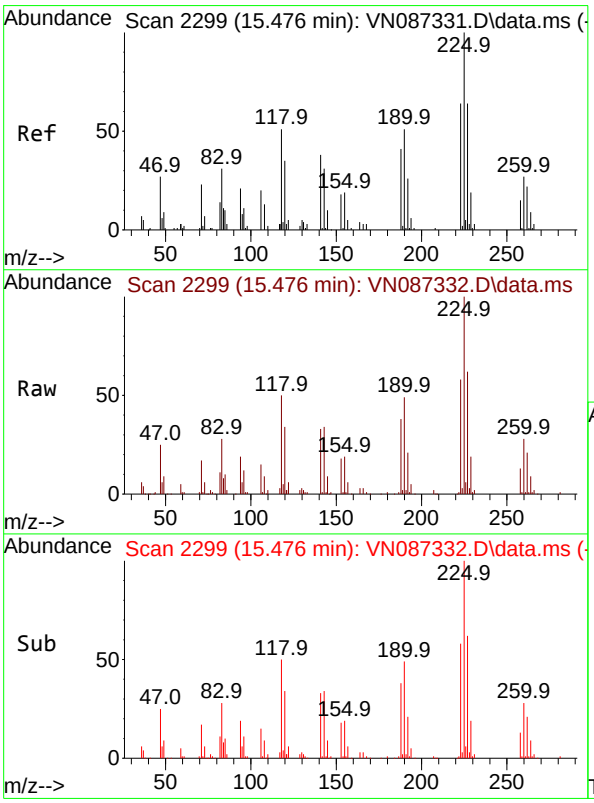
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.8
145	32.7	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

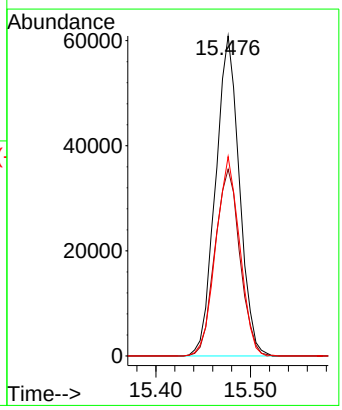
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

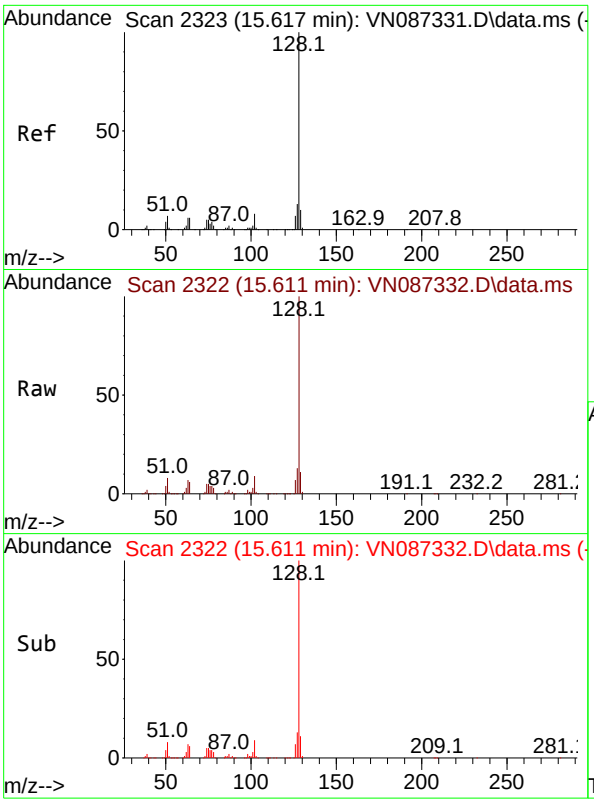


#94
Hexachlorobutadiene
Concen: 95.360 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:225 Resp: 106429

Ion	Ratio	Lower	Upper
225	100		
223	61.0	32.1	96.3
227	62.4	31.3	93.9

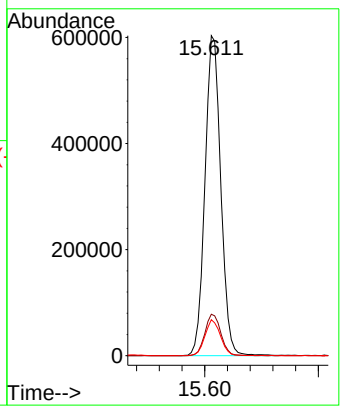




#95
Naphthalene
Concen: 109.289 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:128 Resp: 116293

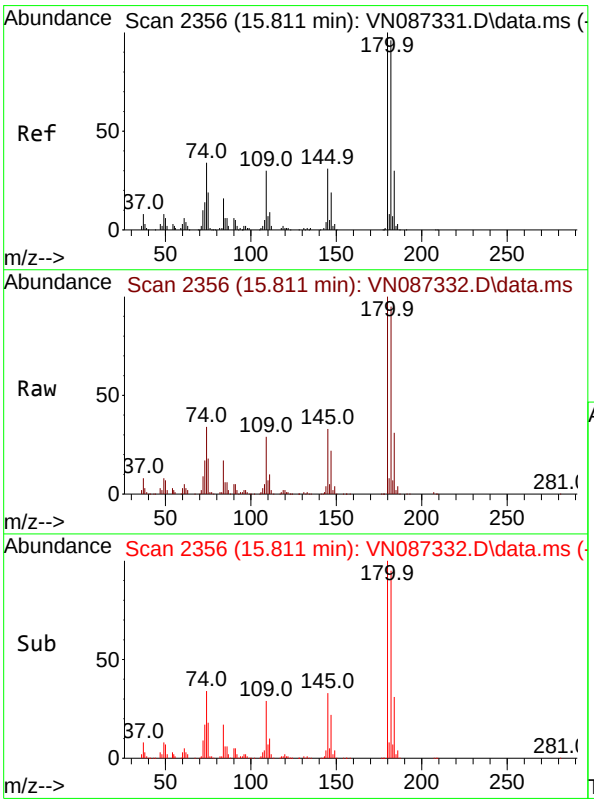
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

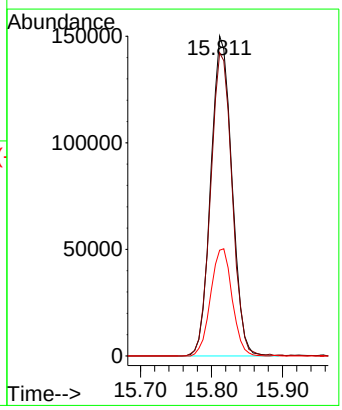
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 102.519 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:180 Resp: 308888

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.1	141.4
145	34.2	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	193853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	344966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	317026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	165077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	501760	152.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 305.080%#			
35) Dibromofluoromethane	8.153	113	368306	154.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 309.560%#			
50) Toluene-d8	10.547	98	1362098	160.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 320.940%#			
62) 4-Bromofluorobenzene	12.829	95	522221	166.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 333.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	363327	176.463	ug/l	95
3) Chloromethane	2.383	50	405800	156.728	ug/l	99
4) Vinyl Chloride	2.542	62	418507	162.646	ug/l	94
5) Bromomethane	2.942	94	215335	161.604	ug/l	95
6) Chloroethane	3.118	64	249466	148.663	ug/l	100
7) Trichlorofluoromethane	3.501	101	585457	153.872	ug/l	97
8) Diethyl Ether	3.959	74	228544	154.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	296076	151.587	ug/l	99
10) Methyl Iodide	4.571	142	328079	150.516	ug/l	99
11) Tert butyl alcohol	5.536	59	478279	765.784	ug/l	100
12) 1,1-Dichloroethene	4.330	96	312325	141.111	ug/l	97
13) Acrolein	4.177	56	415488	828.945	ug/l	100
14) Allyl chloride	5.006	41	663403	165.621	ug/l	91
15) Acrylonitrile	5.706	53	1279363	754.869	ug/l	100
16) Acetone	4.424	43	1064061	682.373	ug/l	96
17) Carbon Disulfide	4.695	76	1011315	154.118	ug/l	95
18) Methyl Acetate	5.012	43	577536	149.052	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	1286728	157.724	ug/l	95
20) Methylene Chloride	5.259	84	390988	151.266	ug/l	94
21) trans-1,2-Dichloroethene	5.765	96	356549	142.870	ug/l	96
22) Diisopropyl ether	6.659	45	1280267	152.375	ug/l	99
23) Vinyl Acetate	6.589	43	5943020	808.750	ug/l	98
24) 1,1-Dichloroethane	6.553	63	704727	145.384	ug/l	98
25) 2-Butanone	7.477	43	1797146	754.179	ug/l	98
26) 2,2-Dichloropropane	7.477	77	547190	145.193	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	437021	152.102	ug/l	99
28) Bromochloromethane	7.800	49	339529	146.355	ug/l	100
29) Tetrahydrofuran	7.830	42	1166702	753.679	ug/l	98
30) Chloroform	7.953	83	717424	147.865	ug/l	98
31) Cyclohexane	8.241	56	582988	144.170	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	630986	150.152	ug/l	98
36) 1,1-Dichloropropene	8.353	75	503793	160.248	ug/l	99
37) Ethyl Acetate	7.553	43	692256	152.464	ug/l	98
38) Carbon Tetrachloride	8.347	117	535575	154.647	ug/l	98
39) Methylcyclohexane	9.583	83	559851	164.485	ug/l	98
40) Benzene	8.588	78	1550984	152.642	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	375482	158.156	ug/l		99
42) 1,2-Dichloroethane	8.653	62	571634	148.352	ug/l		100
43) Isopropyl Acetate	8.677	43	1091736	154.893	ug/l		99
44) Trichloroethene	9.335	130	364760	151.927	ug/l		96
45) 1,2-Dichloropropane	9.606	63	391676	151.708	ug/l		97
46) Dibromomethane	9.694	93	287252	148.602	ug/l		98
47) Bromodichloromethane	9.871	83	584546	150.128	ug/l		99
48) Methyl methacrylate	9.665	41	520990	164.191	ug/l		99
49) 1,4-Dioxane	9.688	88	157400	3238.745	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.430	43	3375607	757.219	ug/l		99
52) Toluene	10.612	92	961314	155.654	ug/l		99
53) t-1,3-Dichloropropene	10.818	75	640188	162.462	ug/l		94
54) cis-1,3-Dichloropropene	10.294	75	654301	160.747	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	365858	146.322	ug/l		99
56) Ethyl methacrylate	10.859	69	679202	150.296	ug/l		96
57) 1,3-Dichloropropane	11.147	76	662154	153.168	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	1717427	837.324	ug/l		100
59) 2-Hexanone	11.177	43	2477578	837.689	ug/l		98
60) Dibromochloromethane	11.341	129	448307	157.217	ug/l		99
61) 1,2-Dibromoethane	11.453	107	402978	153.282	ug/l		97
64) Tetrachloroethene	11.082	164	301404	147.718	ug/l		97
65) Chlorobenzene	11.871	112	1066757	149.878	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.941	131	375162	155.013	ug/l		98
67) Ethyl Benzene	11.941	91	1881920	160.613	ug/l		99
68) m/p-Xylenes	12.053	106	1437290	327.579	ug/l		98
69) o-Xylene	12.376	106	698363	166.628	ug/l		98
70) Styrene	12.394	104	1195068	169.502	ug/l		99
71) Bromoform	12.559	173	320960	164.154	ug/l	#	99
73) Isopropylbenzene	12.676	105	1747567	168.203	ug/l		100
74) N-amyl acetate	12.482	43	750104	184.917	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.918	83	581568	148.761	ug/l		100
76) 1,2,3-Trichloropropane	12.971	75	504791m	137.832	ug/l		
77) Bromobenzene	12.959	156	433814	161.001	ug/l		99
78) n-propylbenzene	13.018	91	2127215	162.733	ug/l		100
79) 2-Chlorotoluene	13.106	91	1290205	160.600	ug/l		98
80) 1,3,5-Trimethylbenzene	13.153	105	1465159	165.514	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	224191	165.713	ug/l		95
82) 4-Chlorotoluene	13.200	91	1336462	159.785	ug/l		100
83) tert-Butylbenzene	13.418	119	1230683	166.457	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	1502651	166.222	ug/l		100
85) sec-Butylbenzene	13.594	105	1767949	158.754	ug/l		99
86) p-Isopropyltoluene	13.706	119	1501303	168.219	ug/l		98
87) 1,3-Dichlorobenzene	13.712	146	828885	156.742	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	830255	147.000	ug/l		99
89) n-Butylbenzene	14.035	91	1367813	160.505	ug/l		98
90) Hexachloroethane	14.312	117	292183	154.518	ug/l		97
91) 1,2-Dichlorobenzene	14.082	146	784106	156.513	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	151090	147.203	ug/l		93
93) 1,2,4-Trichlorobenzene	15.370	180	492237	167.266	ug/l		99
94) Hexachlorobutadiene	15.476	225	163922	149.909	ug/l		99
95) Naphthalene	15.612	128	1880423	180.370	ug/l		99
96) 1,2,3-Trichlorobenzene	15.812	180	491195	166.396	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087333.D
Acq On : 16 Jul 2025 18:54
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:21:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

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

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

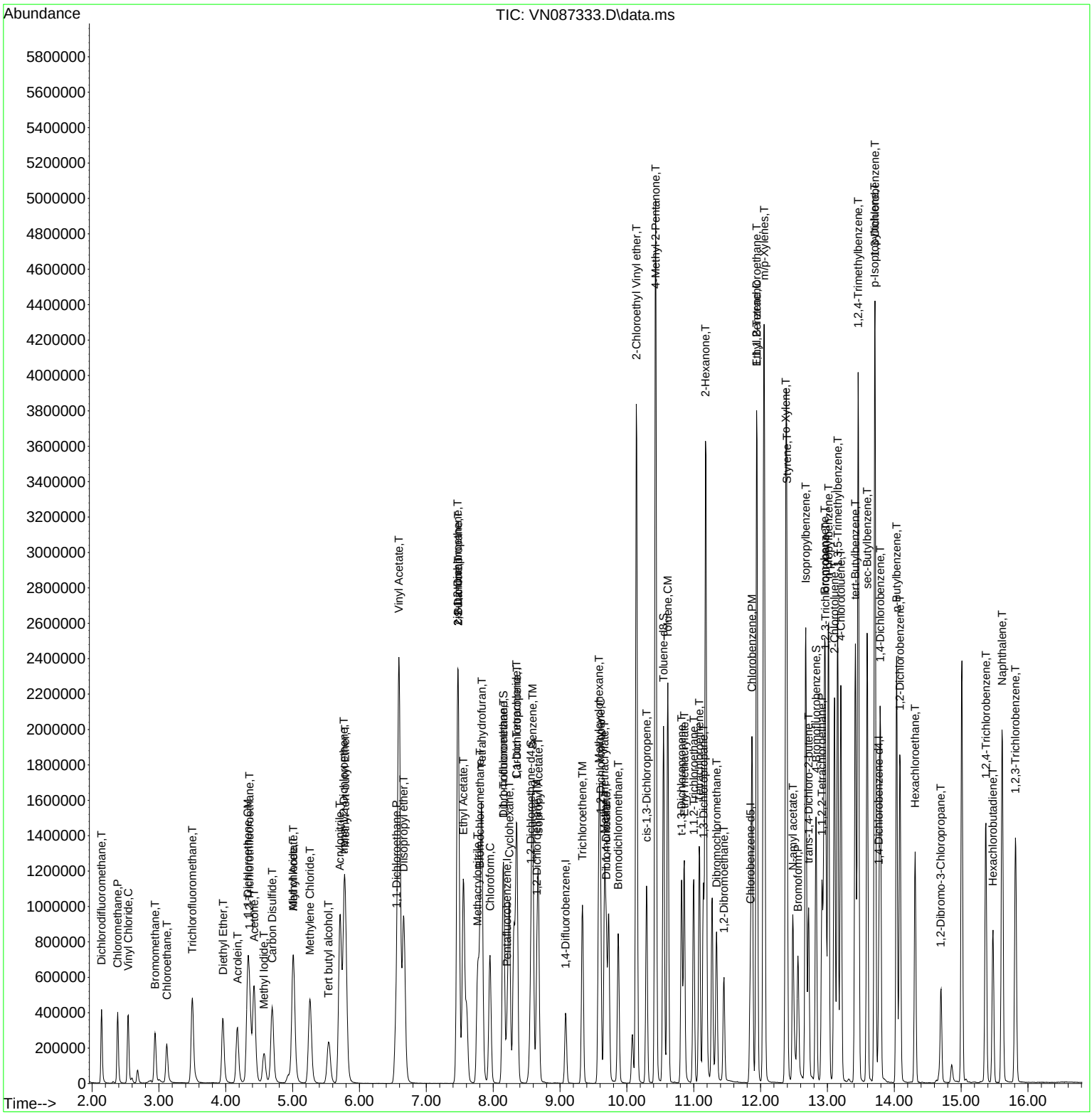
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Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

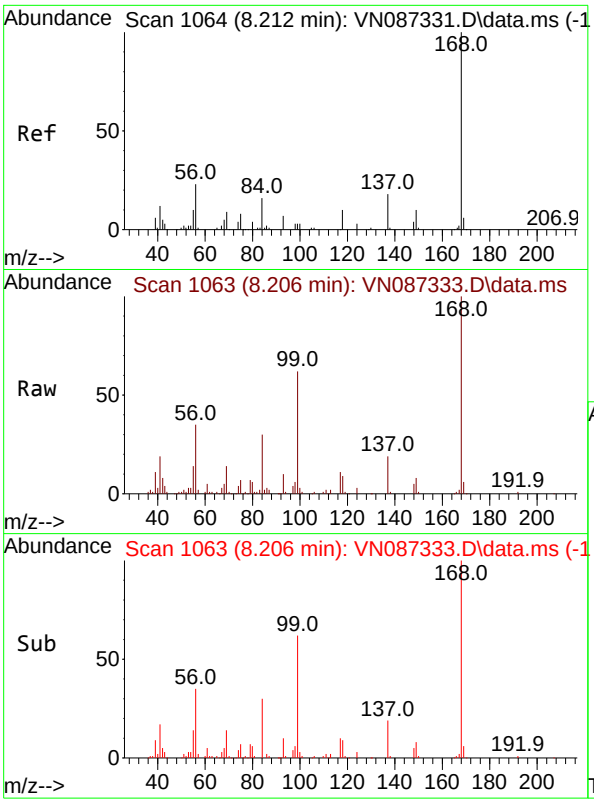
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

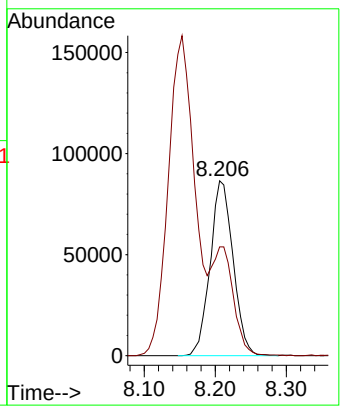




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:168 Resp: 19385

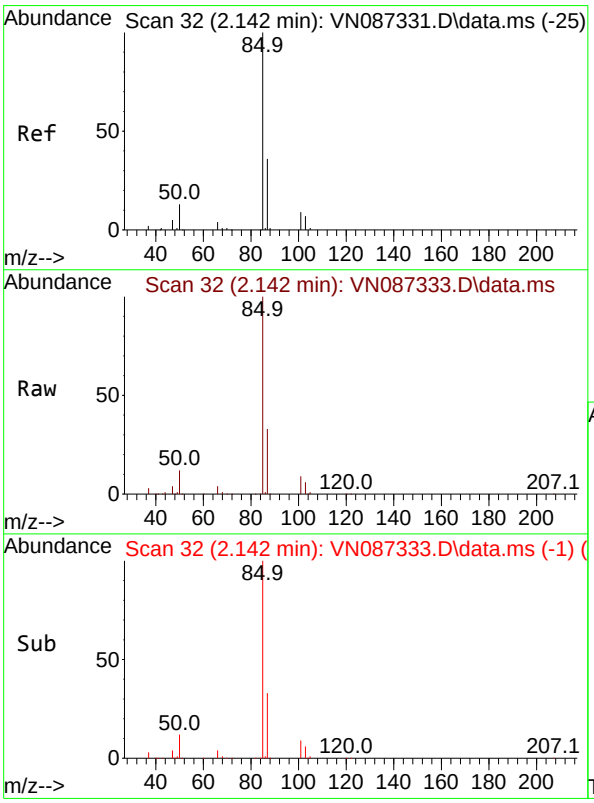
Ion	Ratio	Lower	Upper
168	100		
99	61.8	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

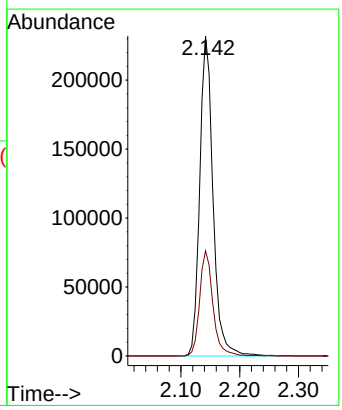
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

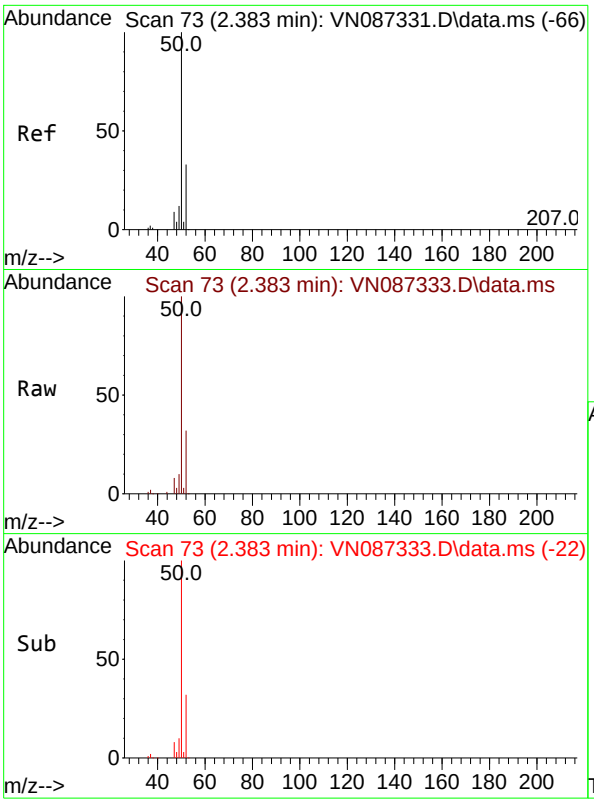


#2
Dichlorodifluoromethane
Concen: 176.463 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 85 Resp: 363327

Ion	Ratio	Lower	Upper
85	100		
87	32.9	17.8	53.3

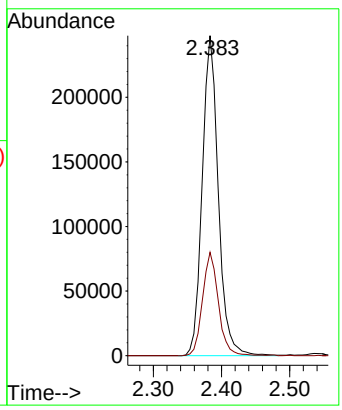




#3
Chloromethane
Concen: 156.728 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 50 Resp: 40580

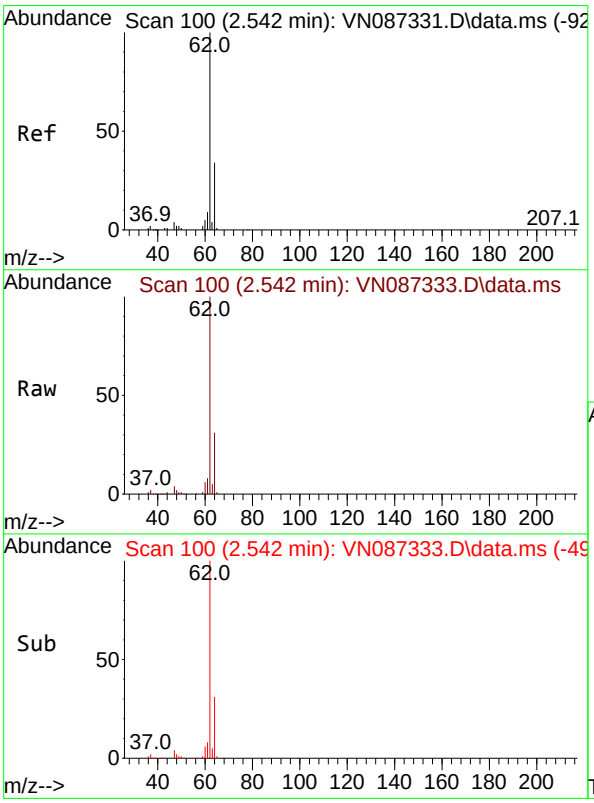
Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

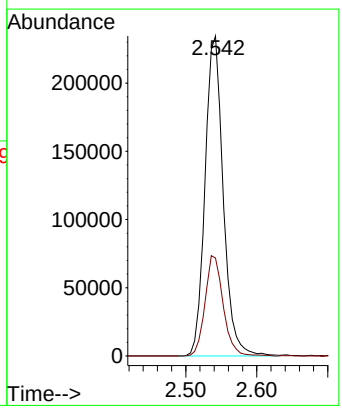
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

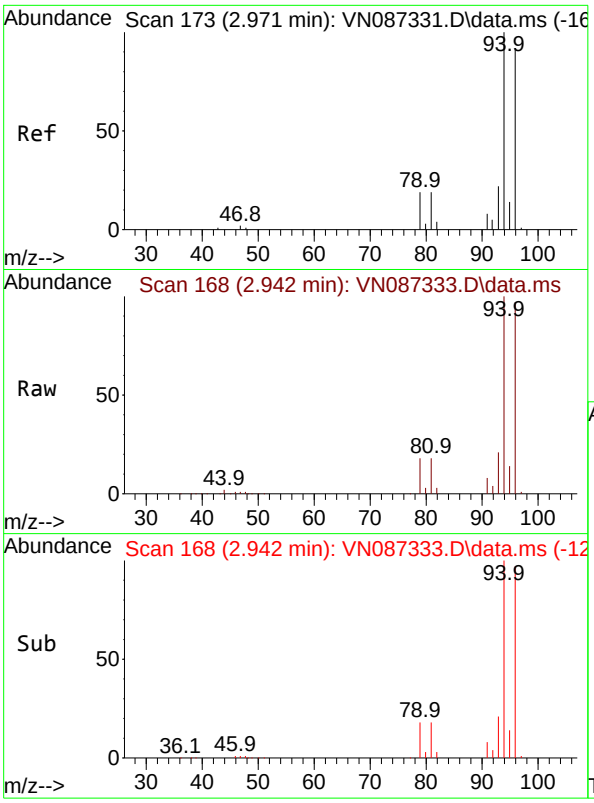


#4
Vinyl Chloride
Concen: 162.646 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 62 Resp: 418507

Ion	Ratio	Lower	Upper
62	100		
64	30.6	27.0	40.6

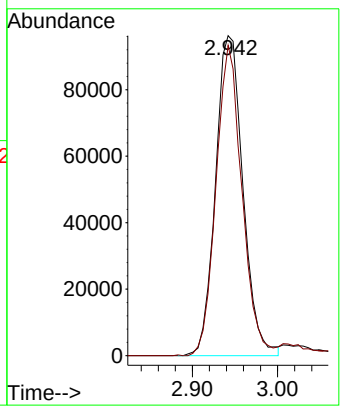




#5
Bromomethane
Concen: 161.604 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 94 Resp: 21533

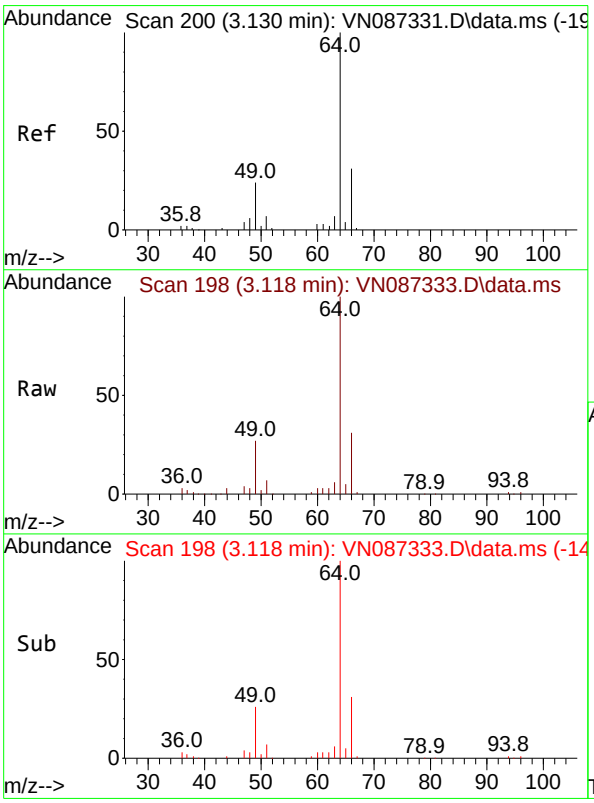
Ion	Ratio	Lower	Upper
94	100		
96	96.7	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

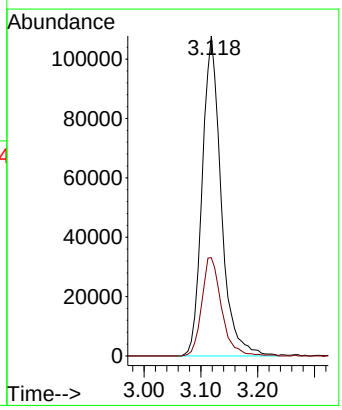
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

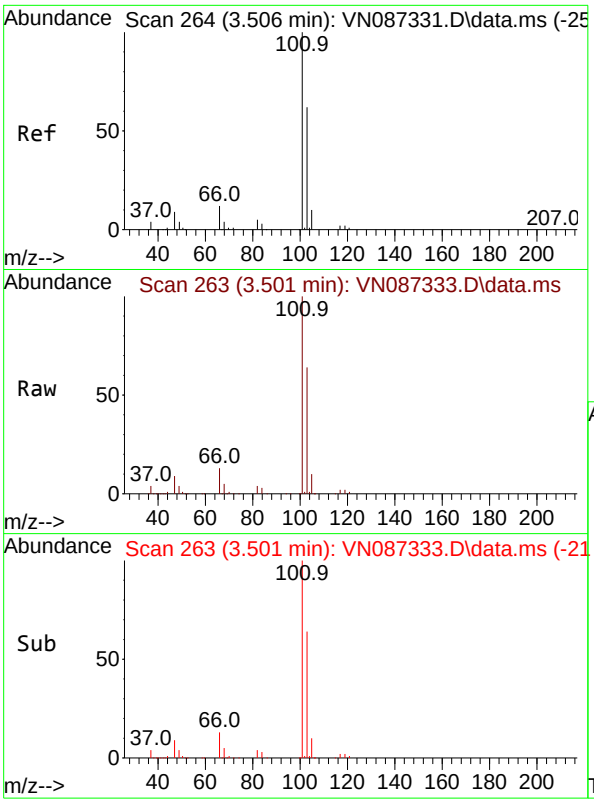


#6
Chloroethane
Concen: 148.663 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 64 Resp: 249466

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8

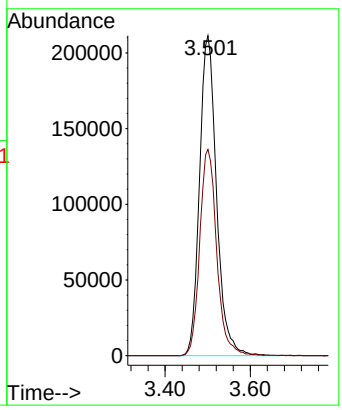




#7
Trichlorofluoromethane
Concen: 153.872 ug/l
RT: 3.501 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:101 Resp: 58545

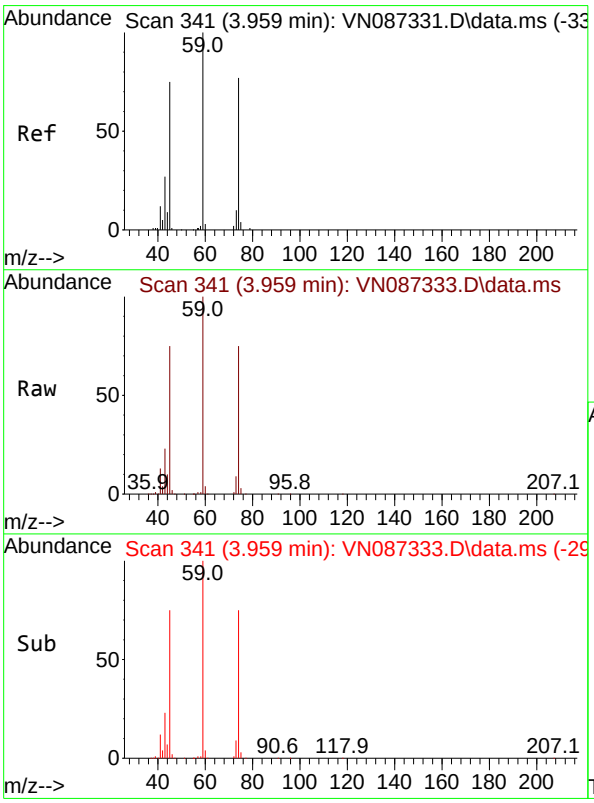
Ion	Ratio	Lower	Upper
101	100		
103	64.5	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

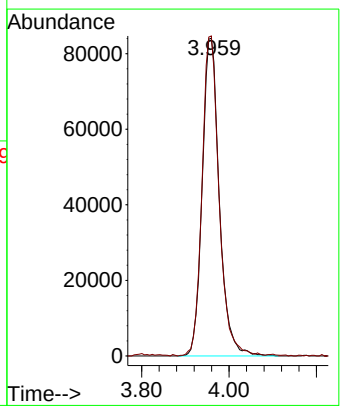
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

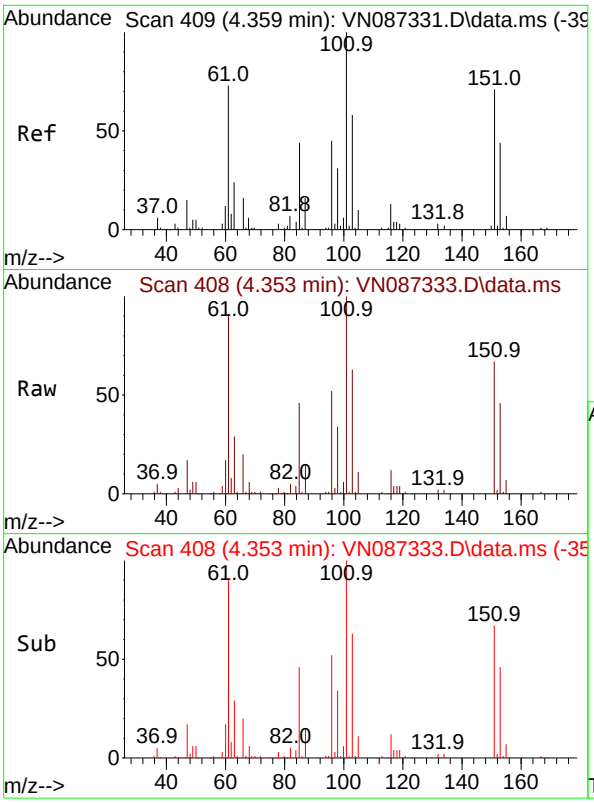


#8
Diethyl Ether
Concen: 154.847 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 74 Resp: 228544

Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.587 ug/l
RT: 4.353 min Scan# 4(
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

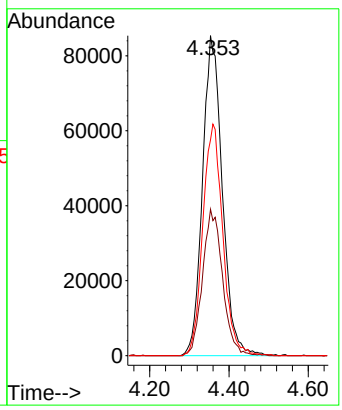
Tgt Ion:101 Resp: 29607(

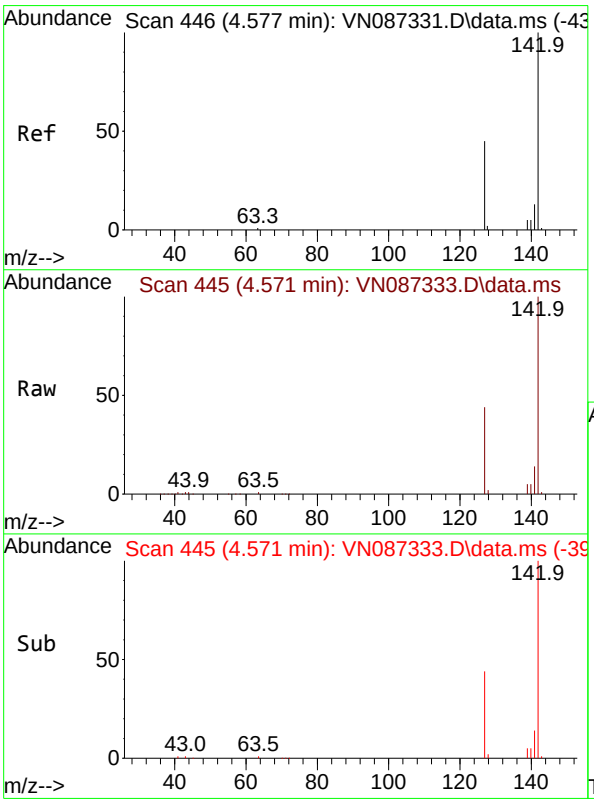
Ion	Ratio	Lower	Upper
101	100		
85	46.1	37.3	55.9
151	73.1	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

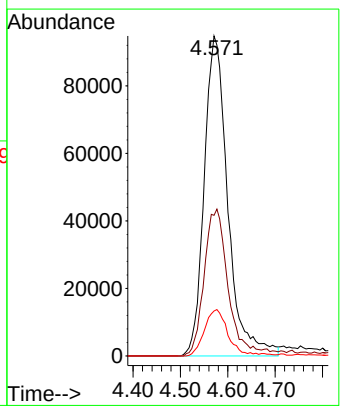


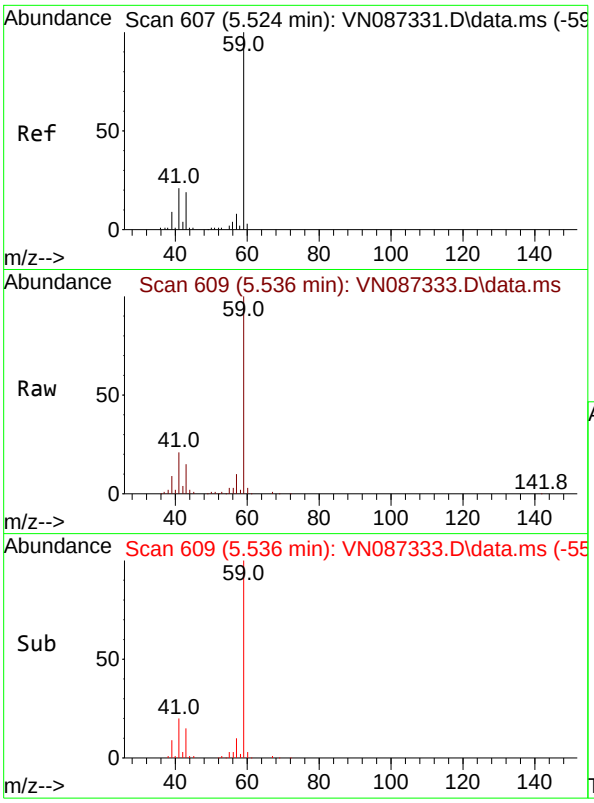


#10
Methyl Iodide
Concen: 150.516 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:142 Resp: 328079

Ion	Ratio	Lower	Upper
142	100		
127	44.0	35.7	53.5
141	14.1	10.4	15.6

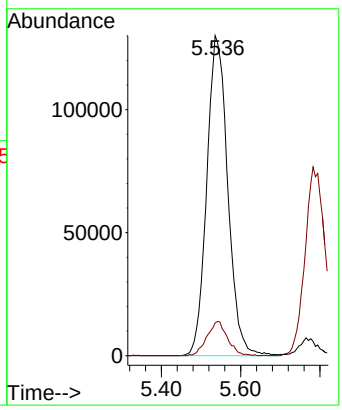




#11
Tert butyl alcohol
Concen: 765.784 ug/l
RT: 5.536 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 59 Resp: 47827

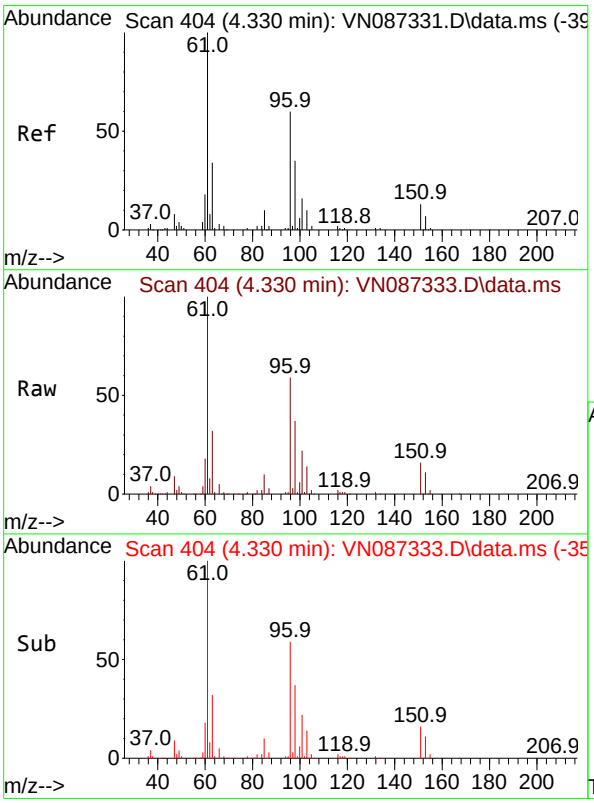
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

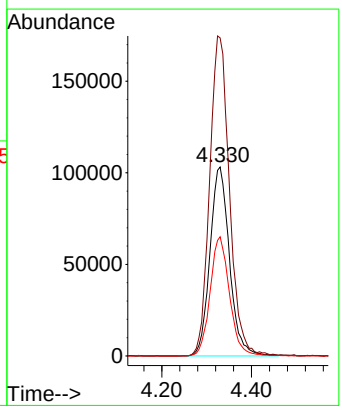
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

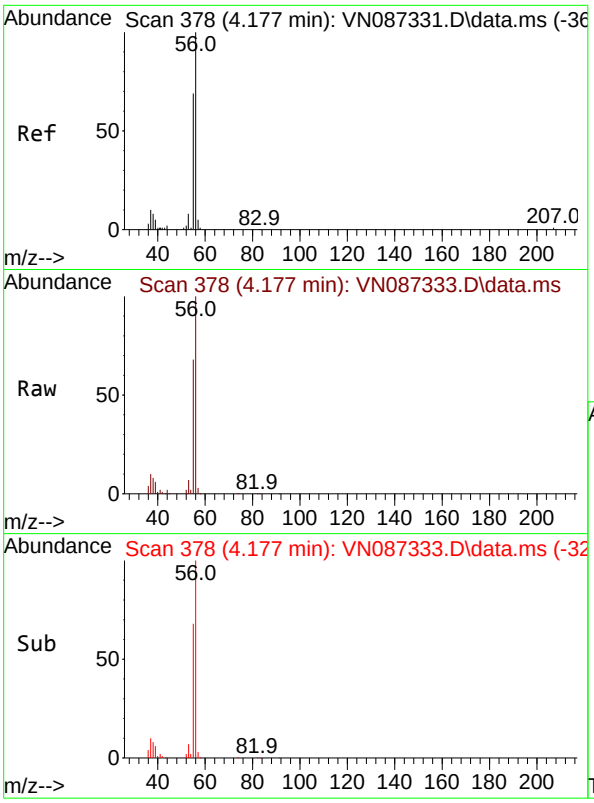


#12
1,1-Dichloroethene
Concen: 141.111 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 96 Resp: 312325

Ion	Ratio	Lower	Upper
96	100		
61	168.2	132.3	198.5
98	63.0	46.8	70.2

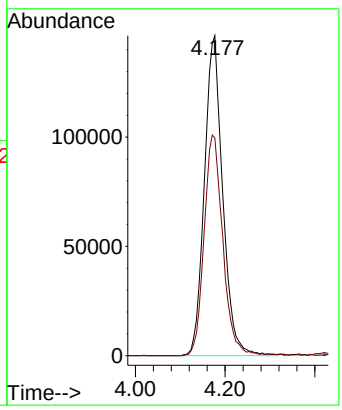




#13
Acrolein
Concen: 828.945 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 56 Resp: 41548

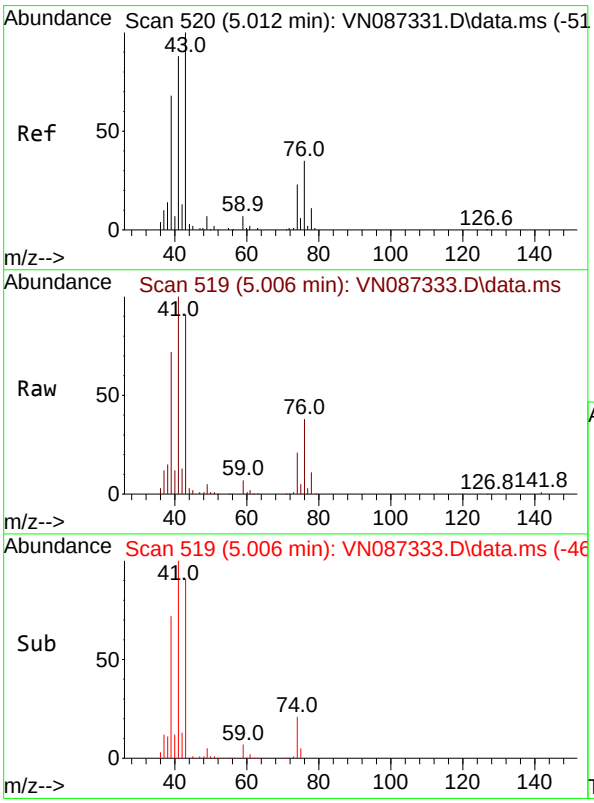
Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

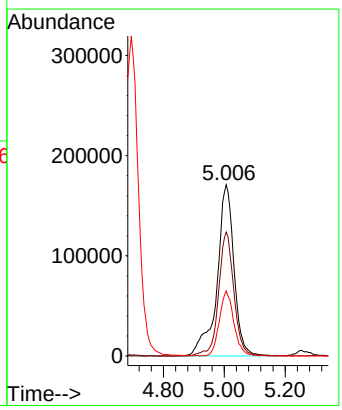
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

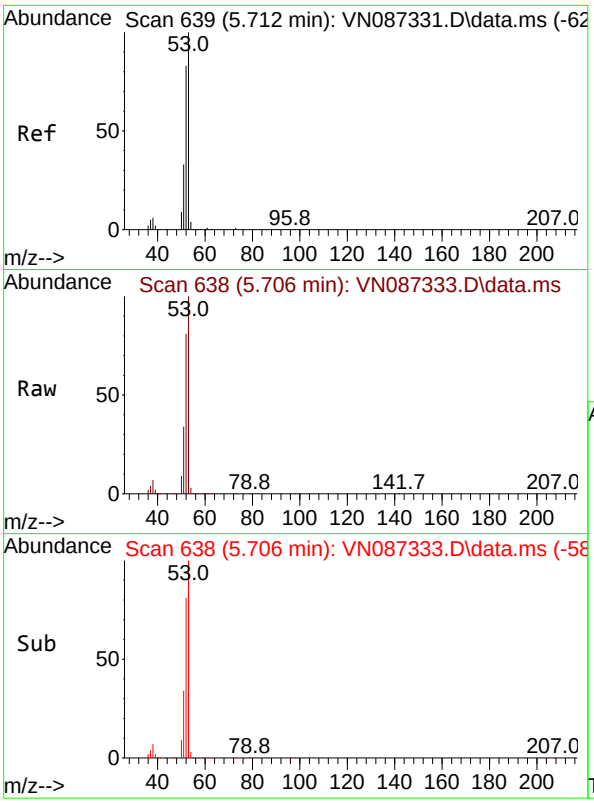


#14
Allyl chloride
Concen: 165.621 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 41 Resp: 663403

Ion	Ratio	Lower	Upper
41	100		
39	64.9	59.0	88.6
76	32.4	28.7	43.1





#15
Acrylonitrile
Concen: 754.869 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

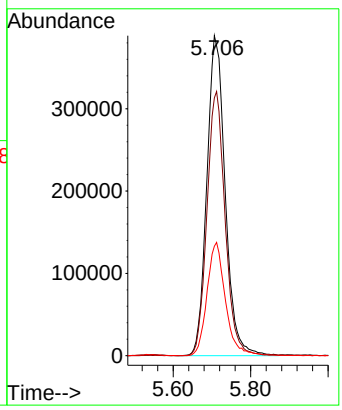
Tgt Ion: 53 Resp: 127936

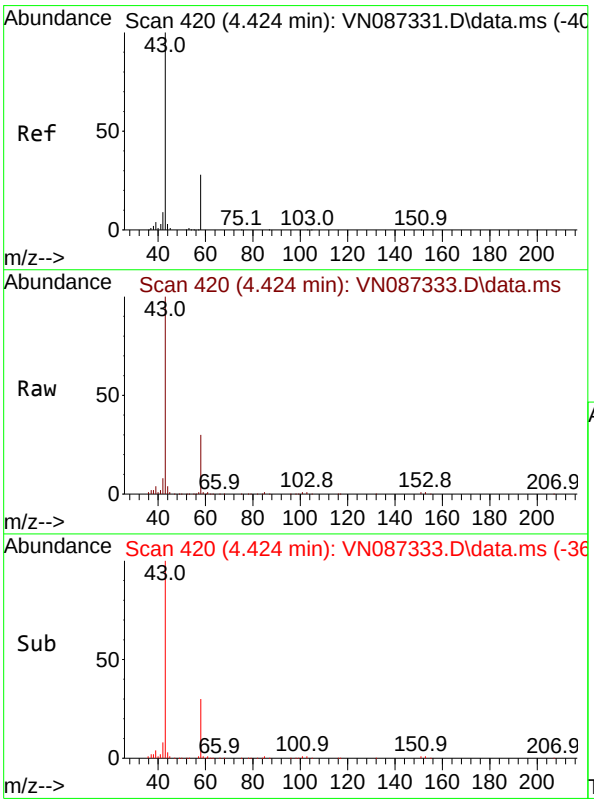
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	35.5	28.7	43.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

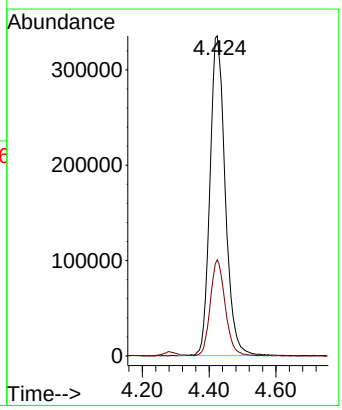


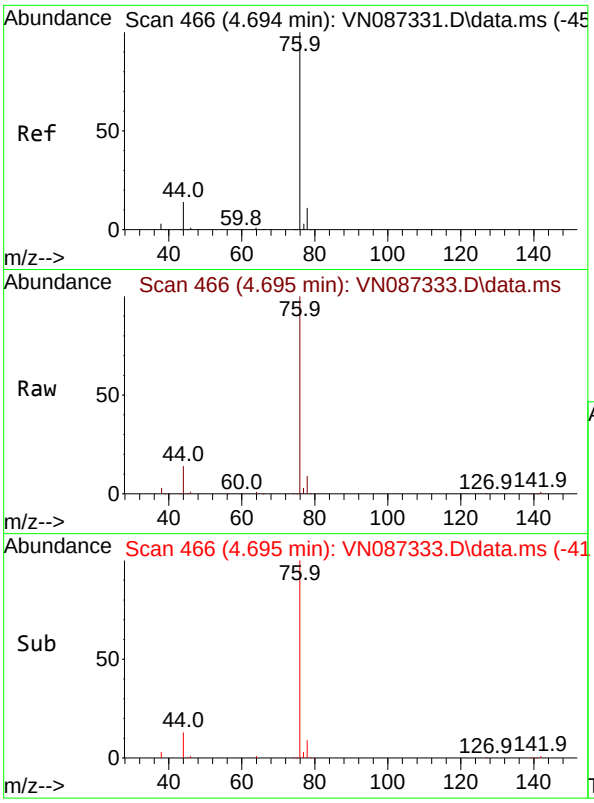


#16
Acetone
Concen: 682.373 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 1064061

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.3	33.5

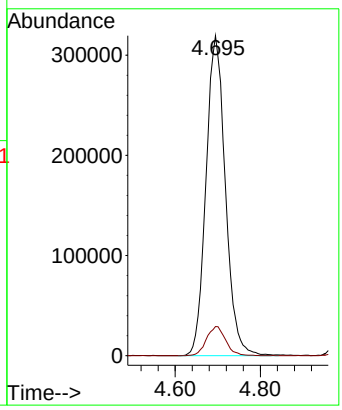




#17
Carbon Disulfide
Concen: 154.118 ug/l
RT: 4.695 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 76 Resp: 101131

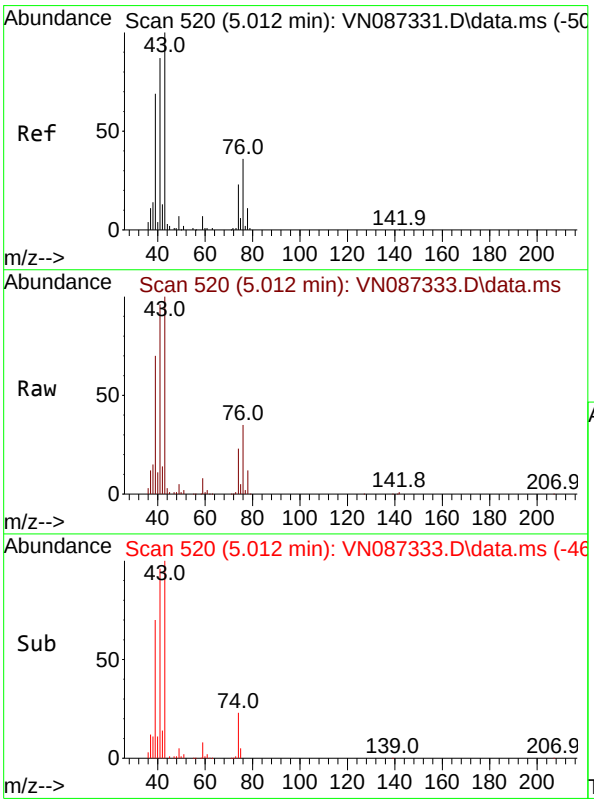
Ion	Ratio	Lower	Upper
76	100		
78	9.1	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

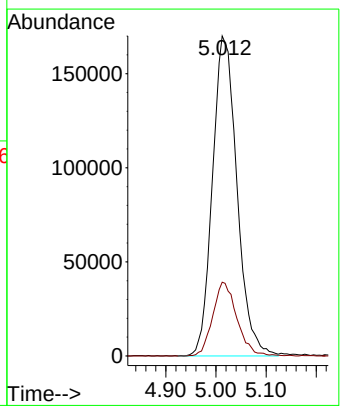
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

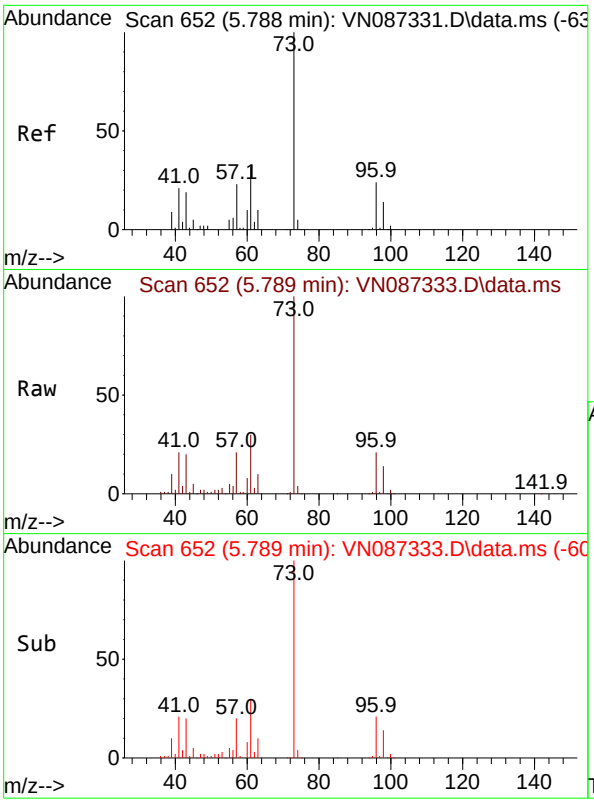


#18
Methyl Acetate
Concen: 149.052 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 577536

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.8	26.6

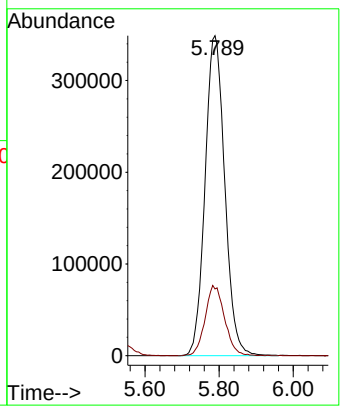




#19
Methyl tert-butyl Ether
Concen: 157.724 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 73 Resp: 128672

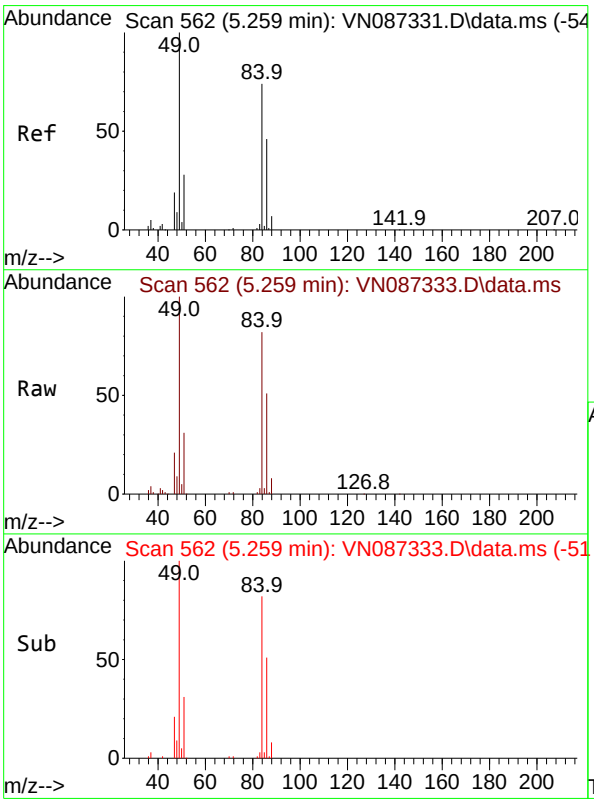
Ion	Ratio	Lower	Upper
73	100		
57	20.8	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

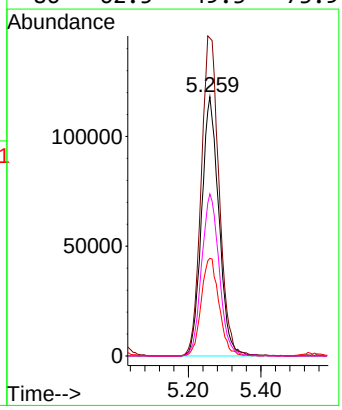
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

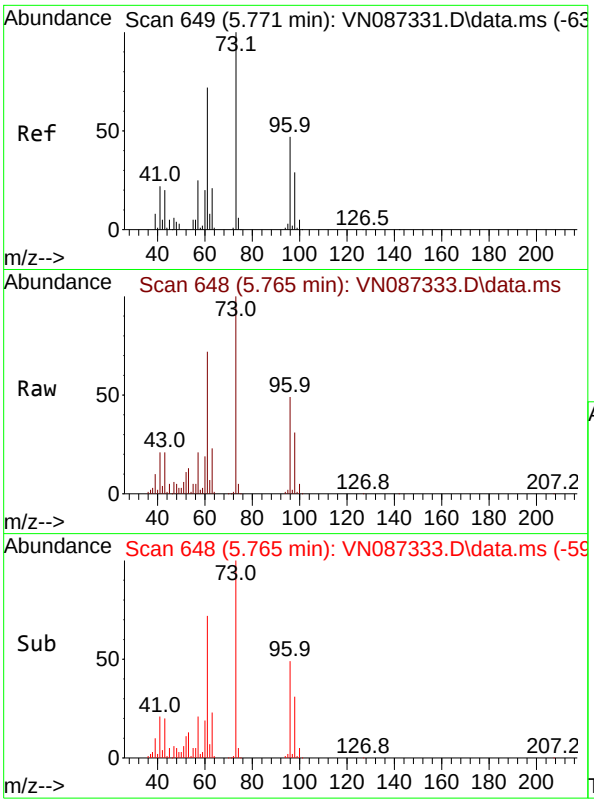


#20
Methylene Chloride
Concen: 151.266 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 84 Resp: 390988

Ion	Ratio	Lower	Upper
84	100		
49	122.7	107.5	161.3
51	37.7	30.2	45.2
86	62.5	49.3	73.9

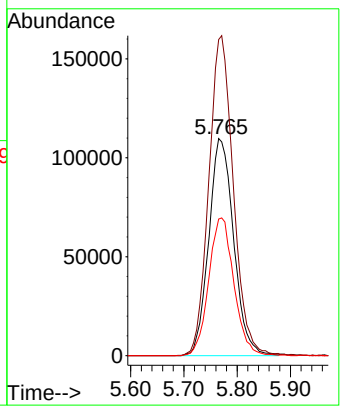




#21
trans-1,2-Dichloroethene
Concen: 142.870 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 96 Resp: 35654

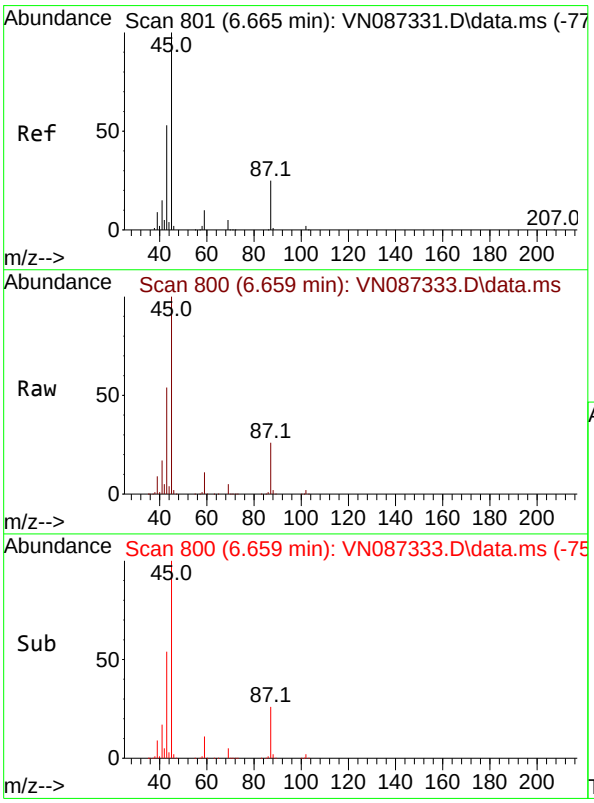
Ion	Ratio	Lower	Upper
96	100		
61	145.5	122.0	183.0
98	62.9	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

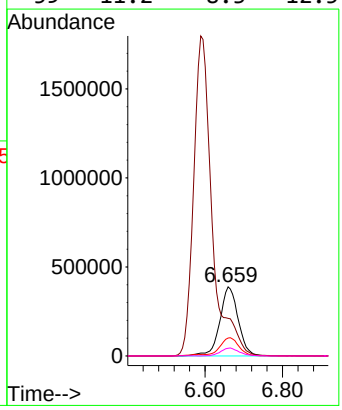
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

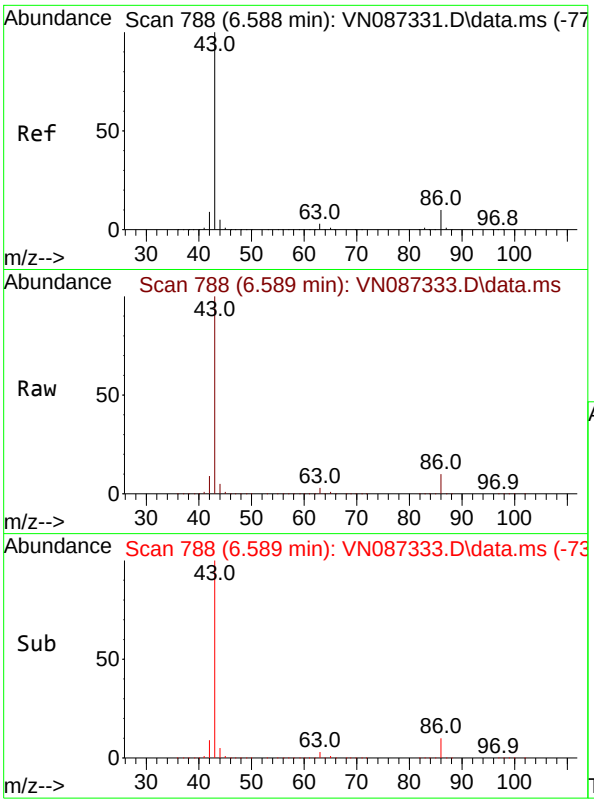


#22
Diisopropyl ether
Concen: 152.375 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 45 Resp: 1280267

Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.8	64.2
87	25.9	19.8	29.6
59	11.2	8.3	12.5

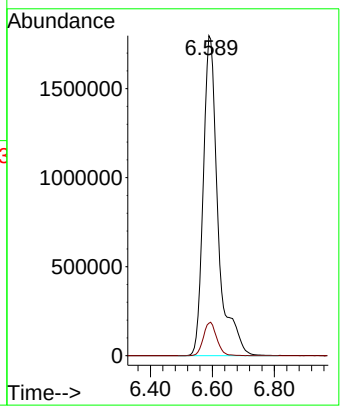




#23
Vinyl Acetate
Concen: 808.750 ug/l
RT: 6.589 min Scan# 7
Delta R.T. 0.001 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 594302

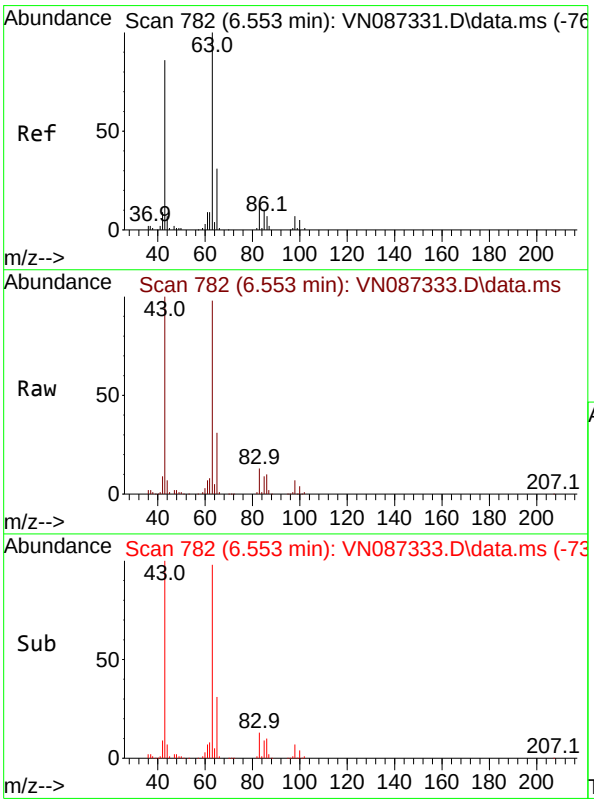
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

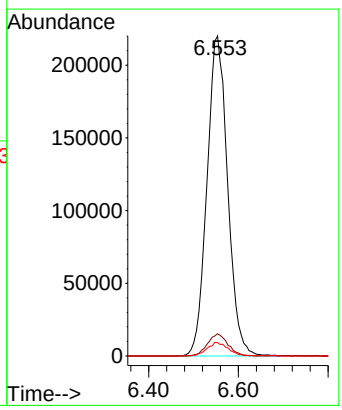
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

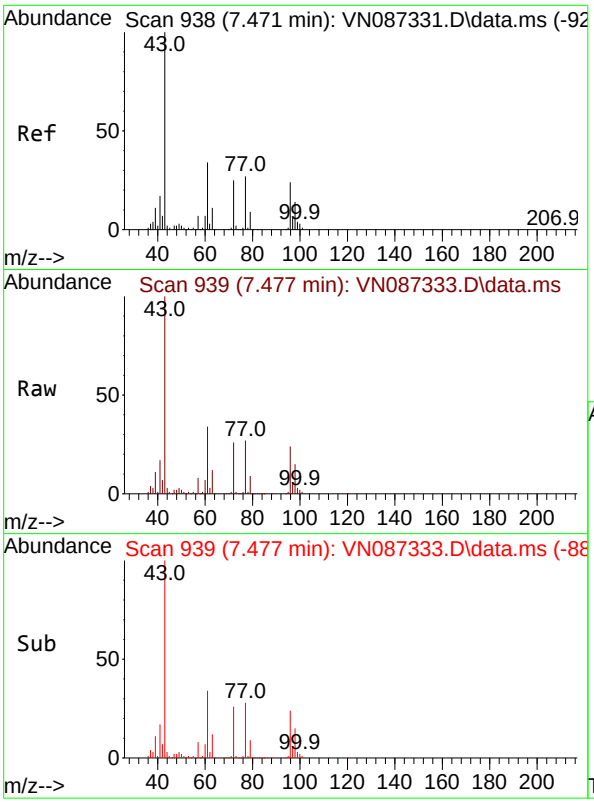


#24
1,1-Dichloroethane
Concen: 145.384 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 63 Resp: 704727

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.3	9.9
100	4.2	2.5	7.4

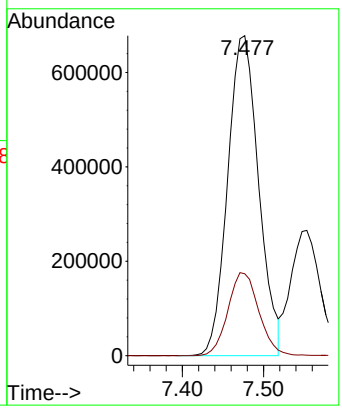




#25
2-Butanone
Concen: 754.179 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 179714

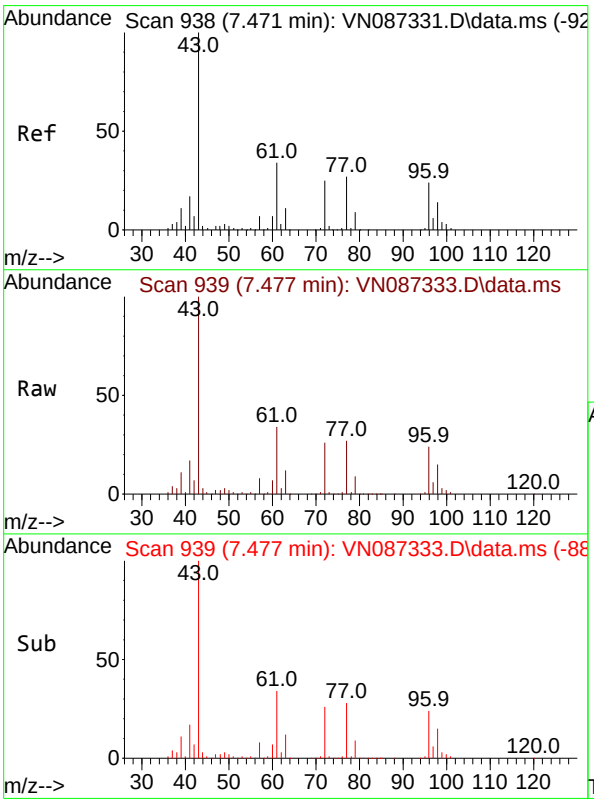
Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

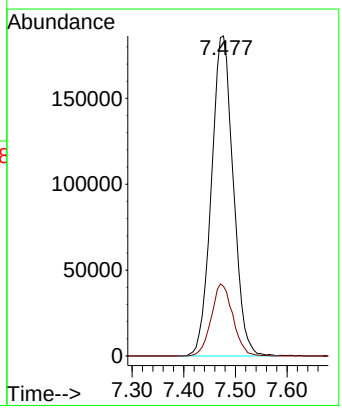
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

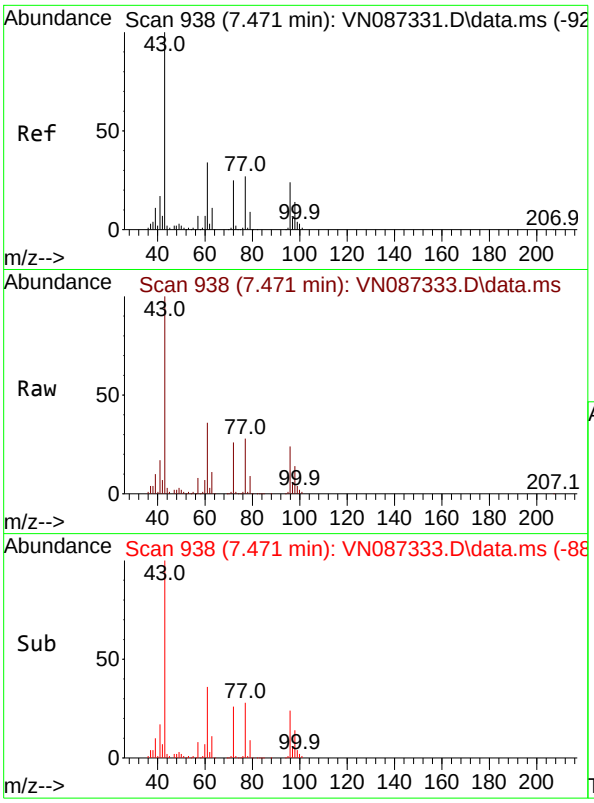


#26
2,2-Dichloropropane
Concen: 145.193 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 77 Resp: 547190

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.1

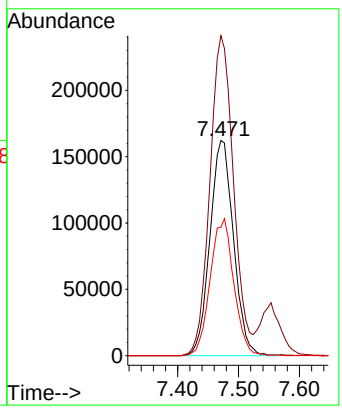




#27
cis-1,2-Dichloroethene
Concen: 152.102 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 96 Resp: 43702

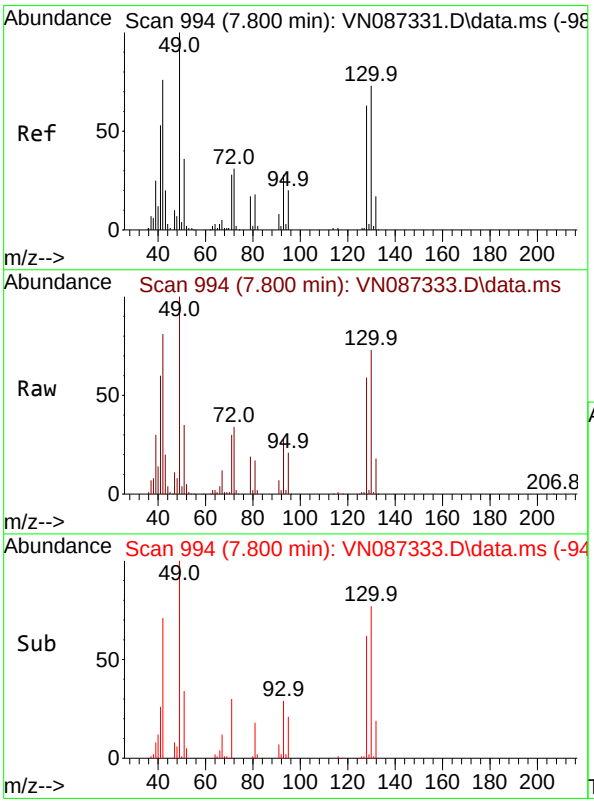
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	297.8
98	63.7	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

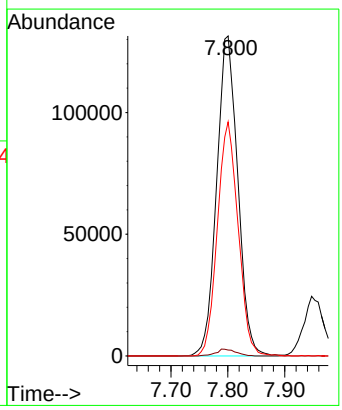
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

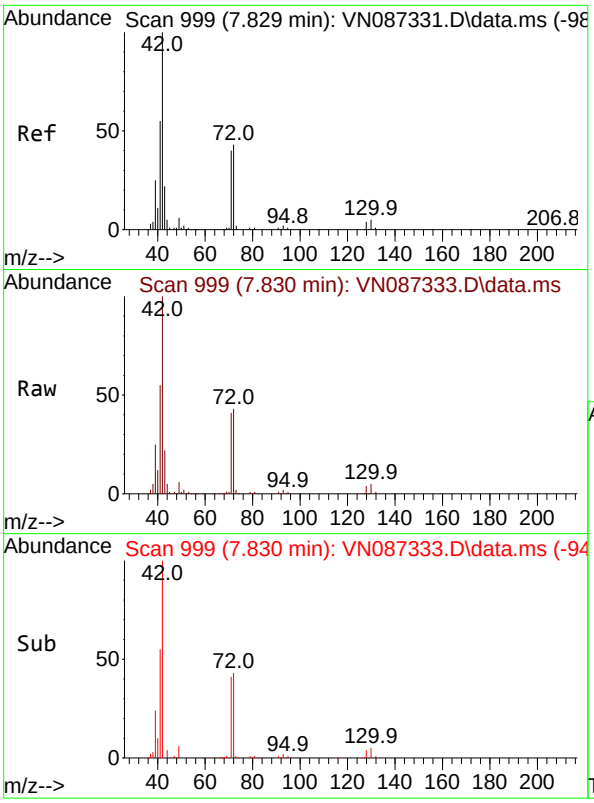


#28
Bromochloromethane
Concen: 146.355 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 49 Resp: 339529

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	71.9	57.3	85.9

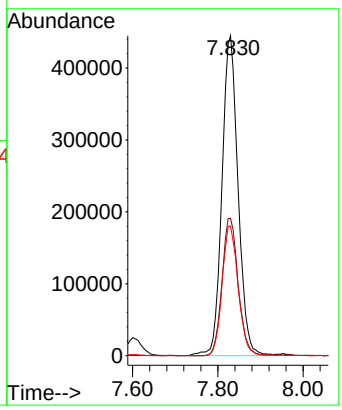




#29
Tetrahydrofuran
Concen: 753.679 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 42 Resp: 116670

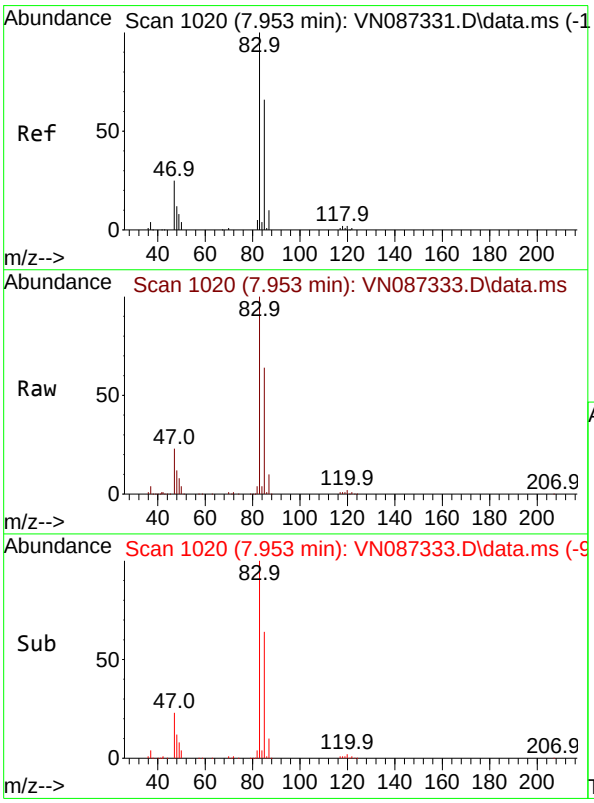
Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.4	50.0
71	40.3	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

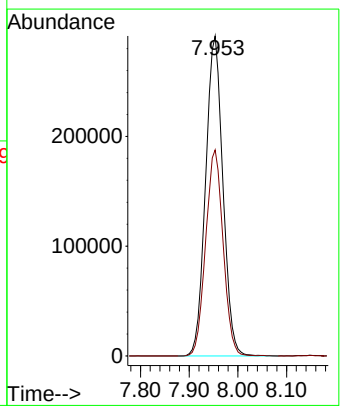
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

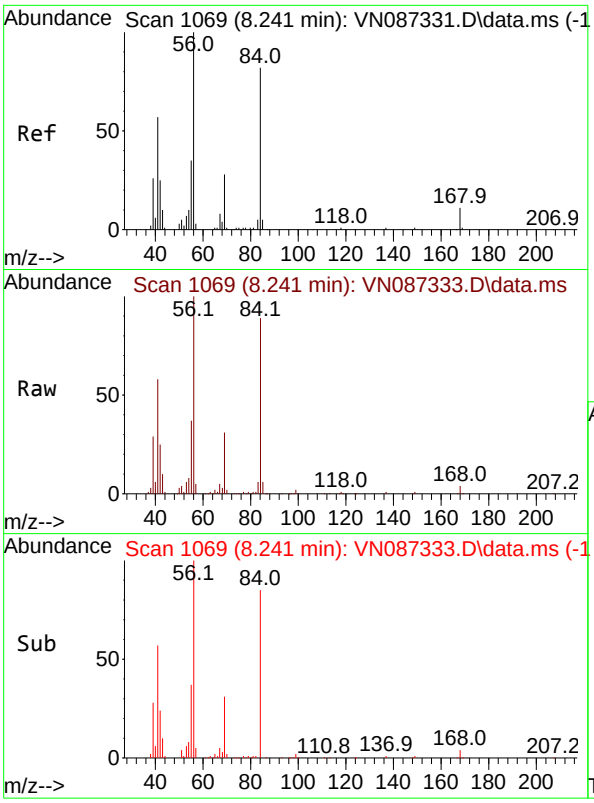


#30
Chloroform
Concen: 147.865 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 83 Resp: 717424

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.7	79.1

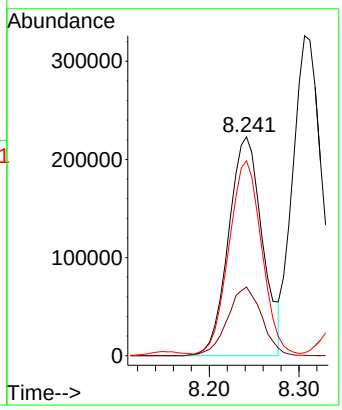




#31
Cyclohexane
Concen: 144.170 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 56 Resp: 58298

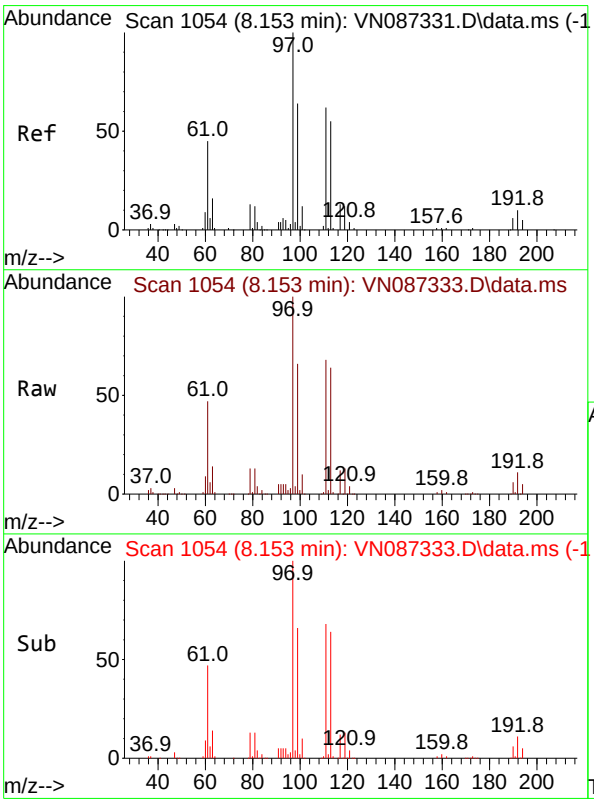
Ion	Ratio	Lower	Upper
56	100		
69	31.4	22.7	34.1
84	87.7	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

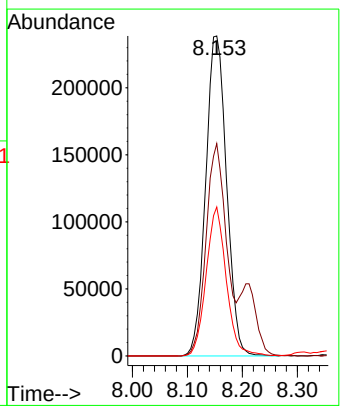
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

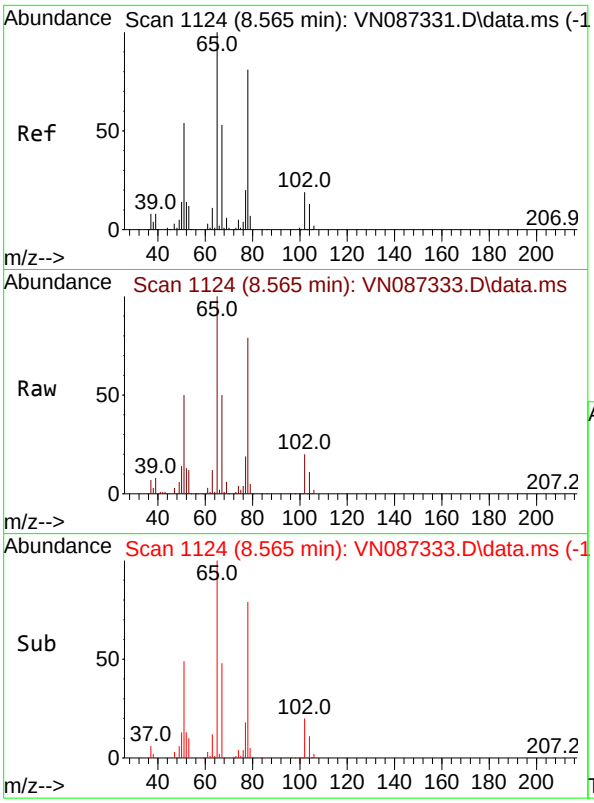


#32
1,1,1-Trichloroethane
Concen: 150.152 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 97 Resp: 630986

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	45.0	38.7	58.1

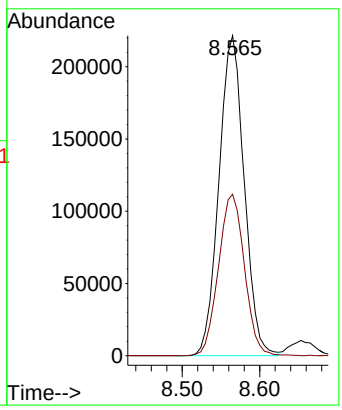




#33
1,2-Dichloroethane-d4
Concen: 152.545 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 65 Resp: 50176

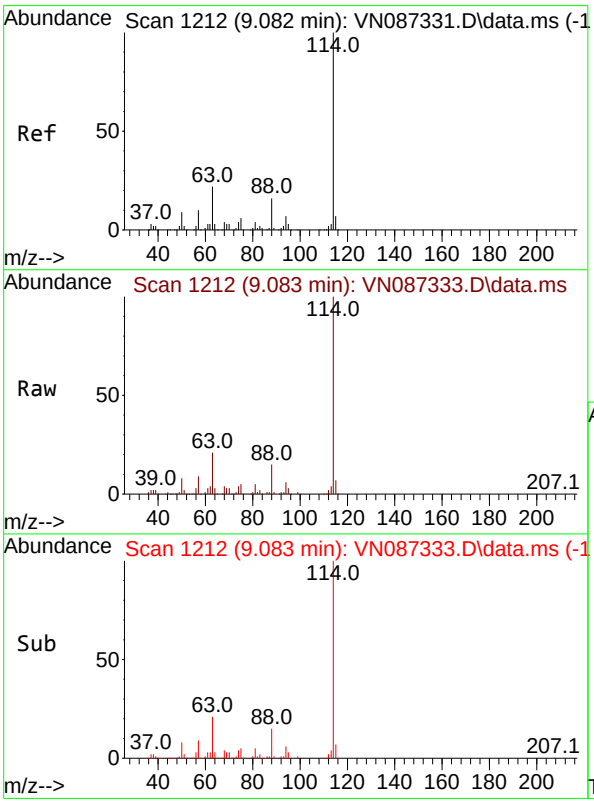
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

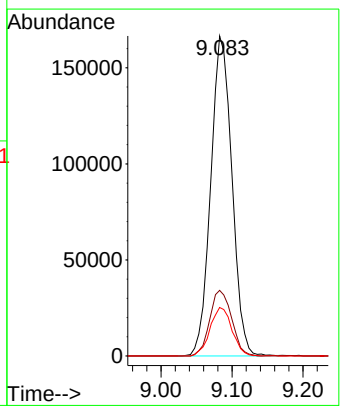
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

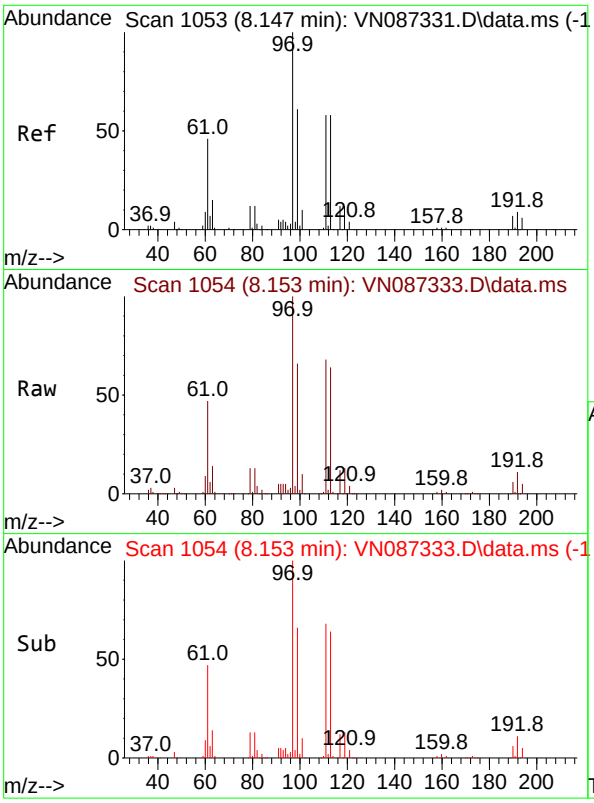


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:114 Resp: 344966

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.6
88	15.2	0.0	32.8

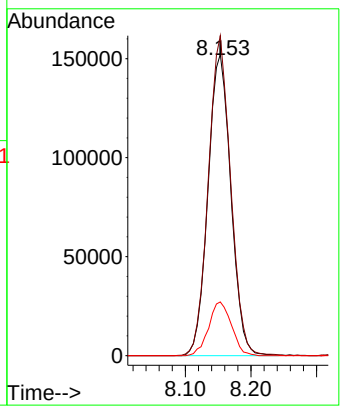




#35
Dibromofluoromethane
Concen: 154.778 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:113 Resp: 36830

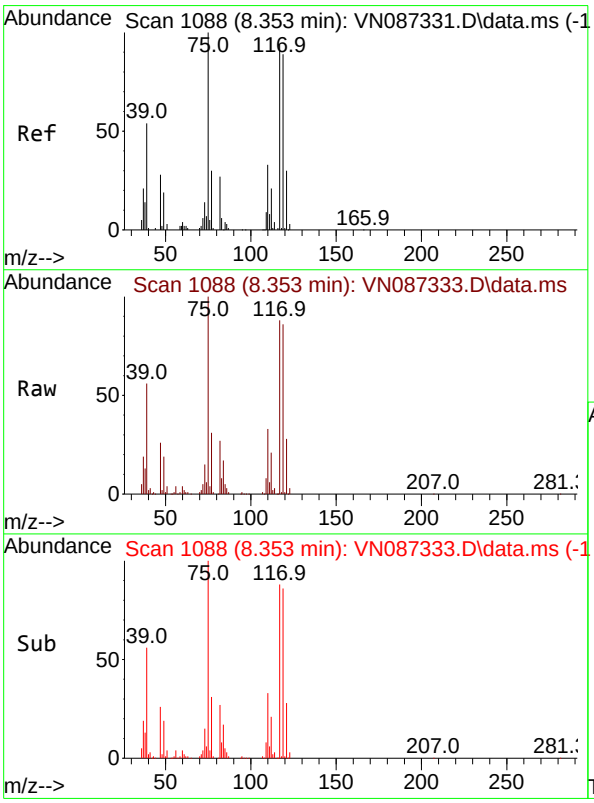
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.5	123.7
192	17.8	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

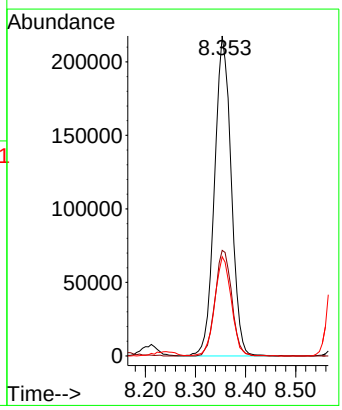
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

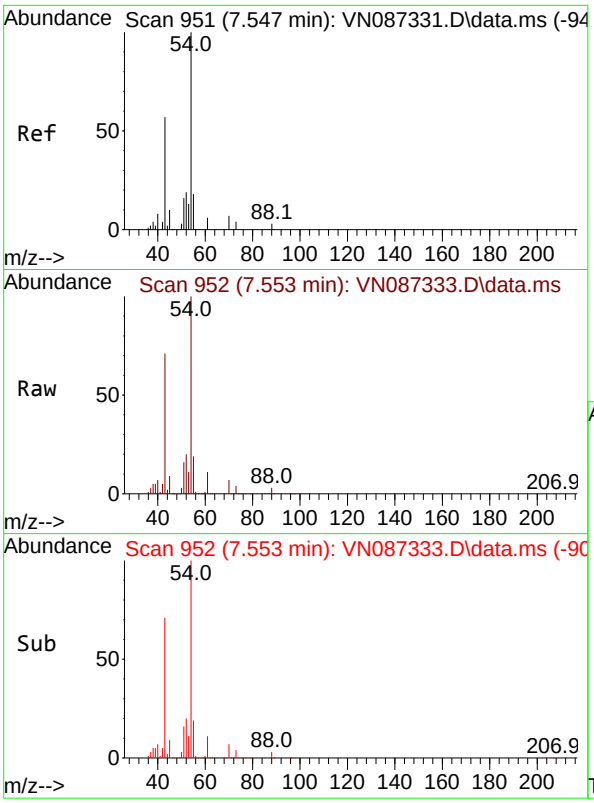


#36
1,1-Dichloropropene
Concen: 160.248 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 503793

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.7	50.1
77	30.9	25.2	37.8

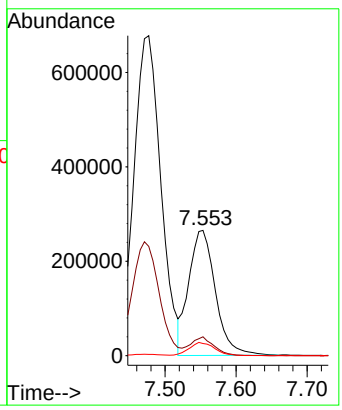




#37
Ethyl Acetate
Concen: 152.464 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 69225

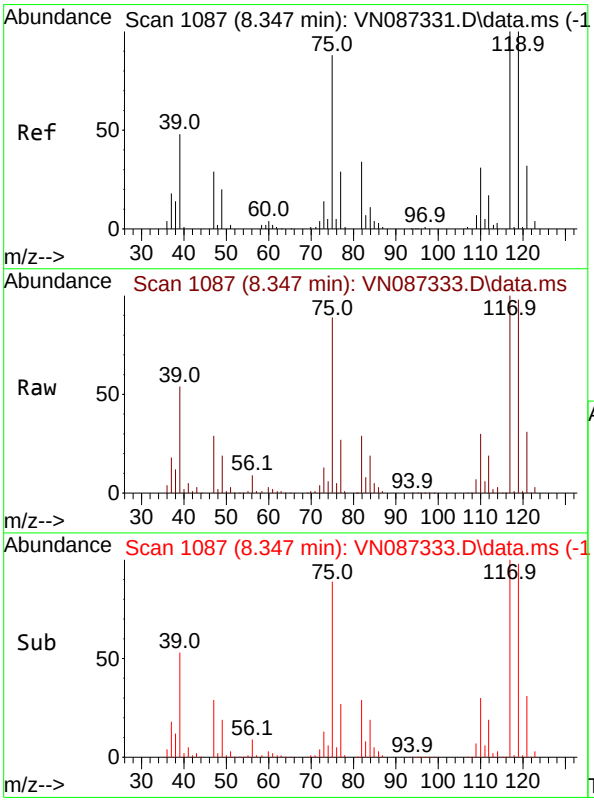
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.9	16.3
70	10.1	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

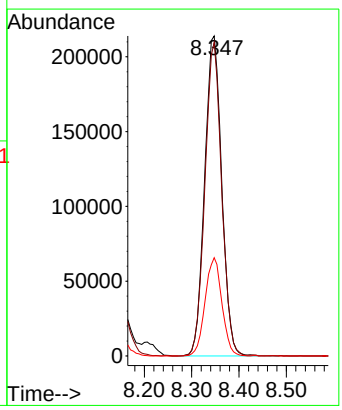
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

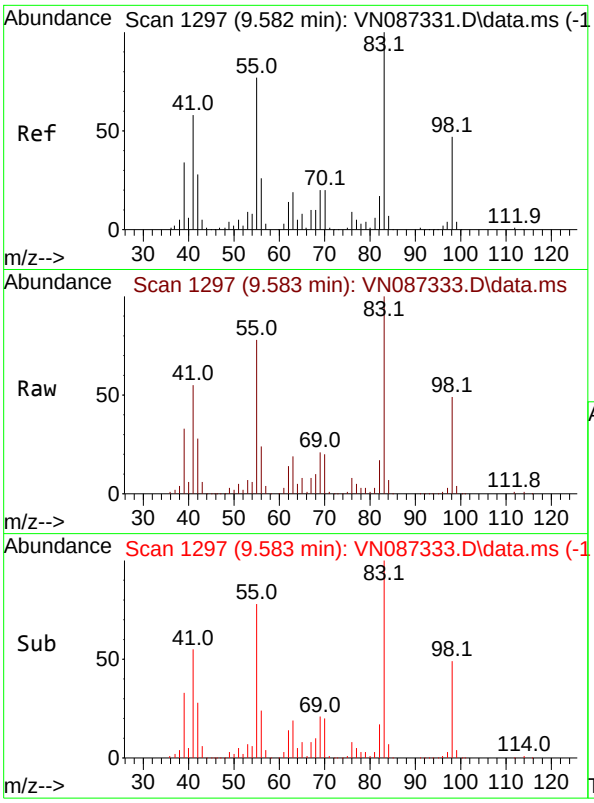


#38
Carbon Tetrachloride
Concen: 154.647 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:117 Resp: 535575

Ion	Ratio	Lower	Upper
117	100		
119	98.0	80.2	120.2
121	30.7	25.4	38.2

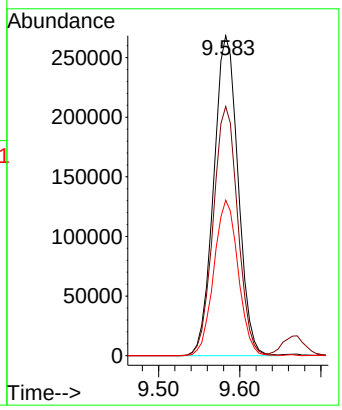




#39
Methylcyclohexane
Concen: 164.485 ug/l
RT: 9.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 83 Resp: 55985

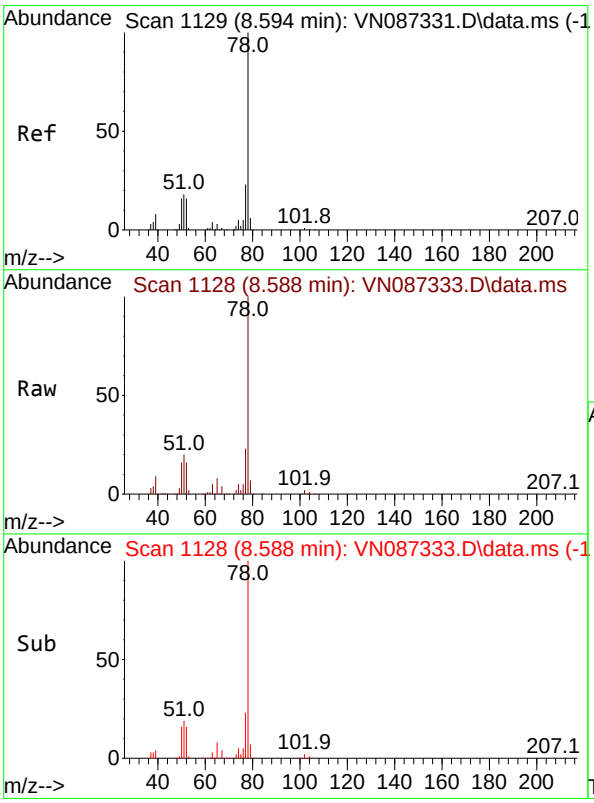
Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.3	91.9
98	48.6	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

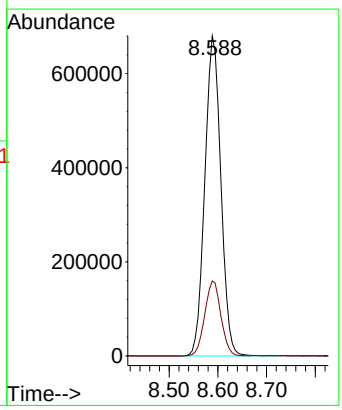
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

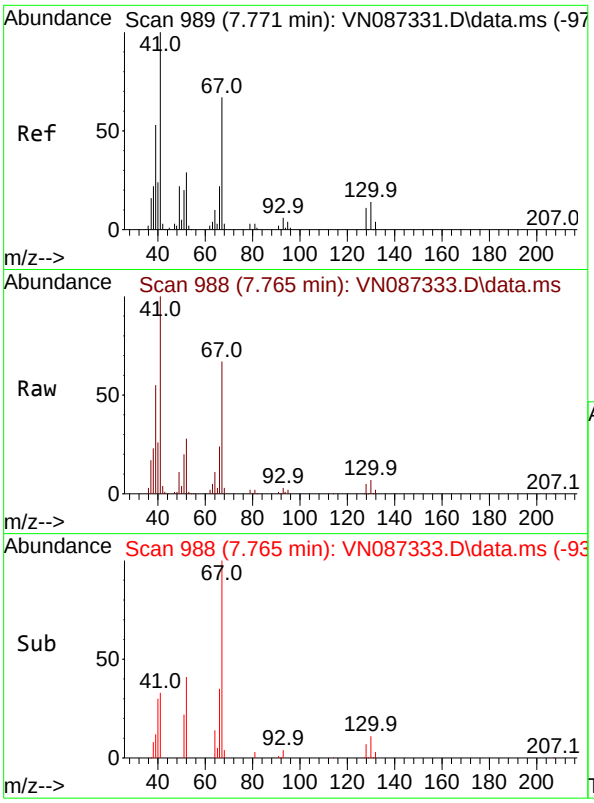


#40
Benzene
Concen: 152.642 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 78 Resp: 1550984

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.2

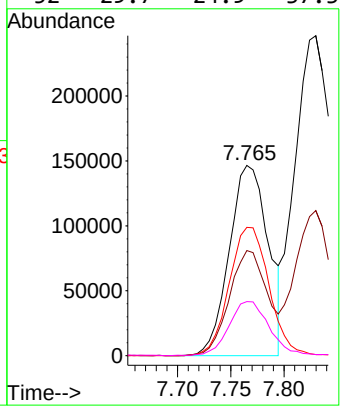




#41
Methacrylonitrile
Concen: 158.156 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 41 Resp: 37548

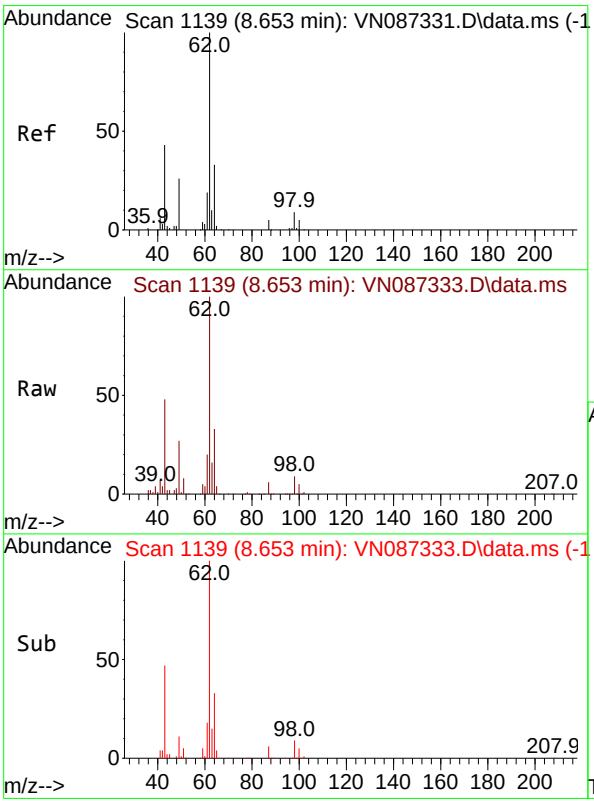
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.4	65.0
67	68.5	55.1	82.7
52	29.7	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

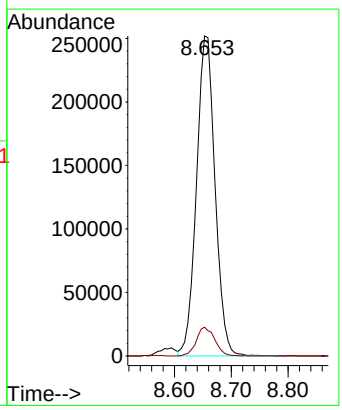
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

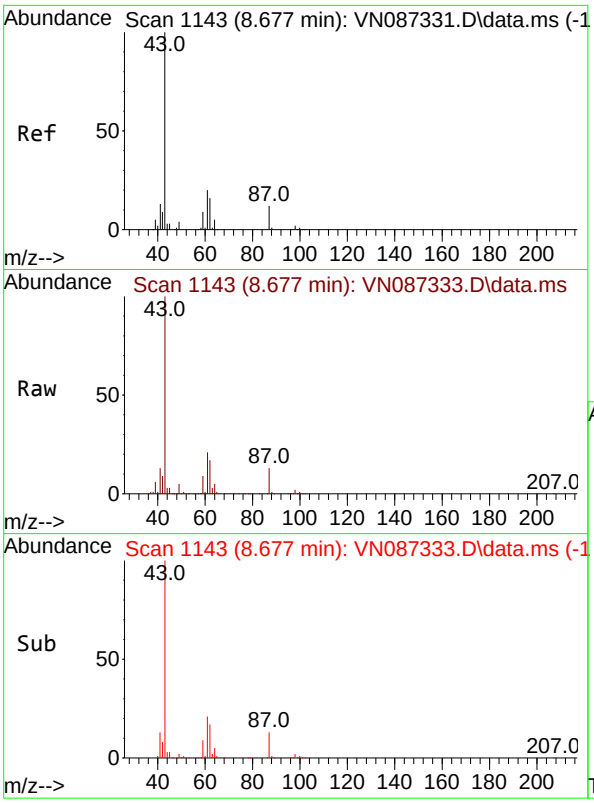


#42
1,2-Dichloroethane
Concen: 148.352 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 62 Resp: 571634

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 154.893 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

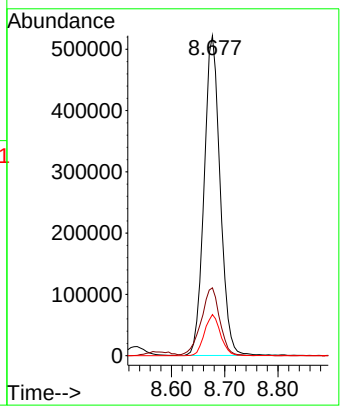
Tgt Ion: 43 Resp: 109173

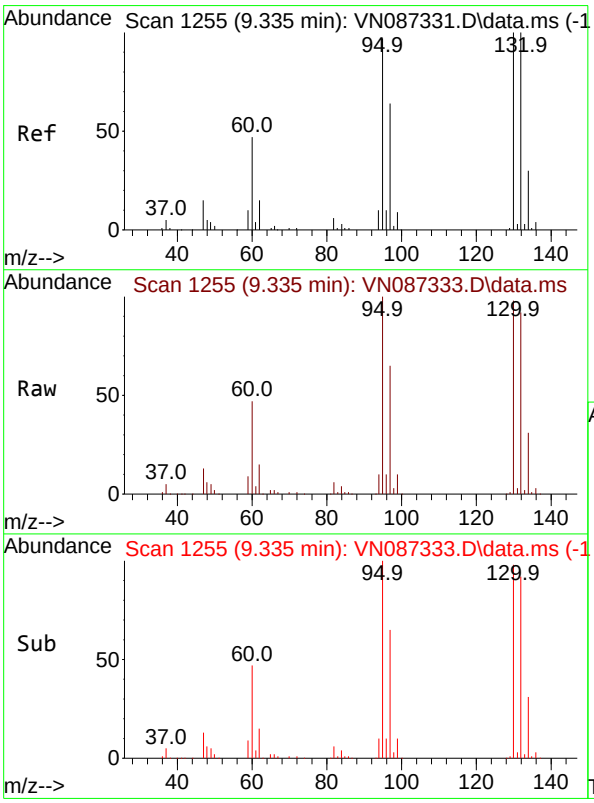
Ion	Ratio	Lower	Upper
43	100		
61	24.8	19.8	29.8
87	12.8	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

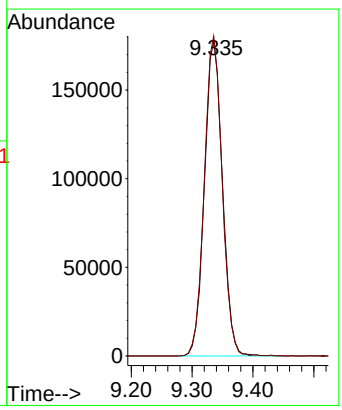


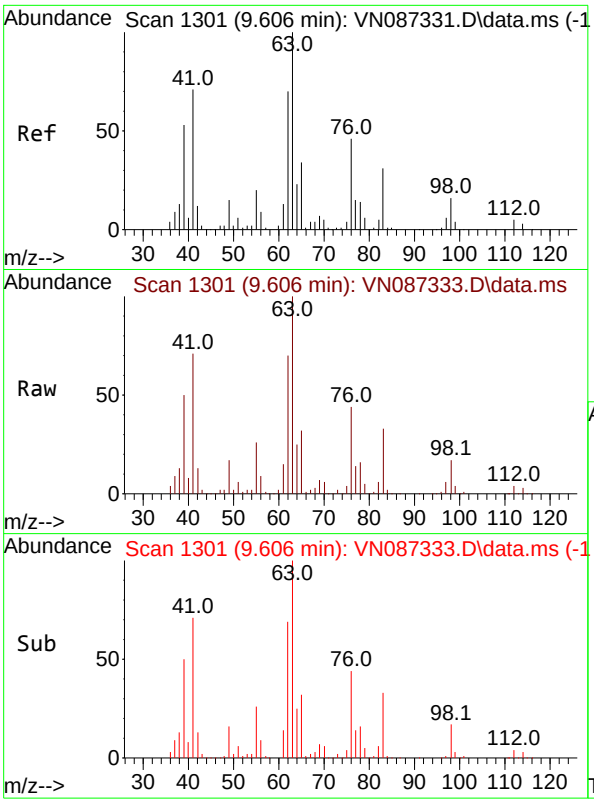


#44
Trichloroethene
Concen: 151.927 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:130 Resp: 364760

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	195.2

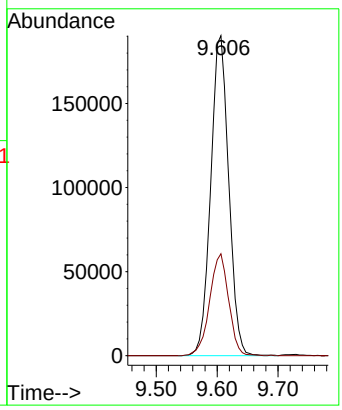




#45
1,2-Dichloropropane
Concen: 151.708 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 63 Resp: 39167

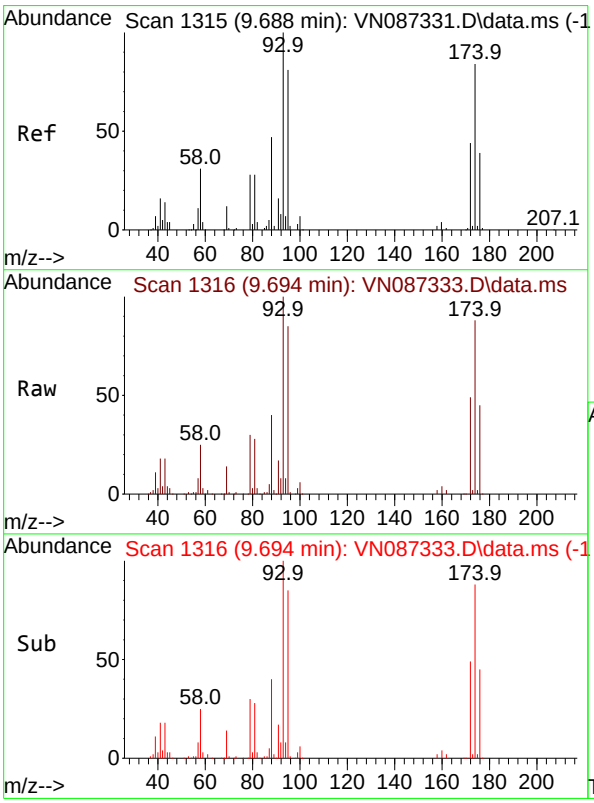
Ion	Ratio	Lower	Upper
63	100		
65	31.9	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

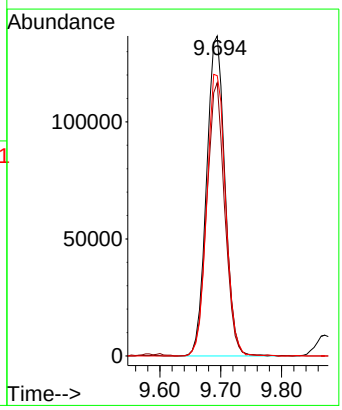
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

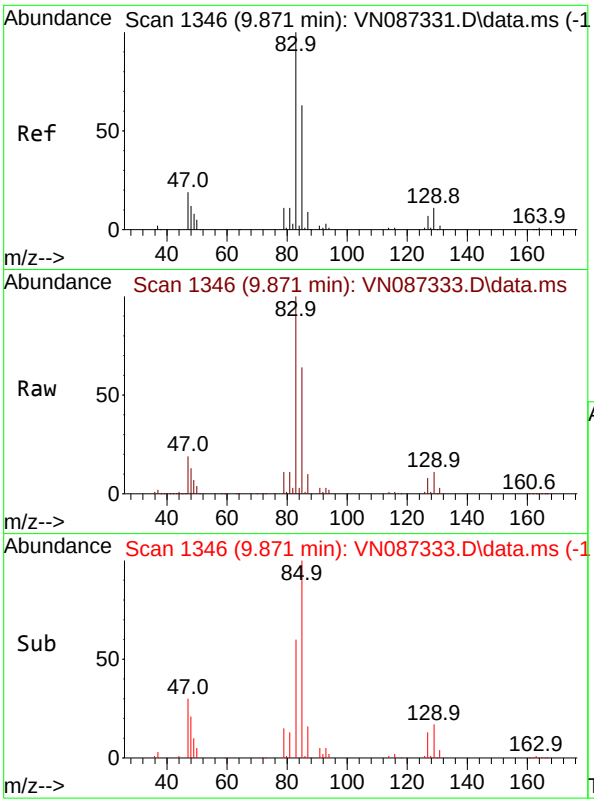


#46
Dibromomethane
Concen: 148.602 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 93 Resp: 287252

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.8
174	89.7	69.9	104.9

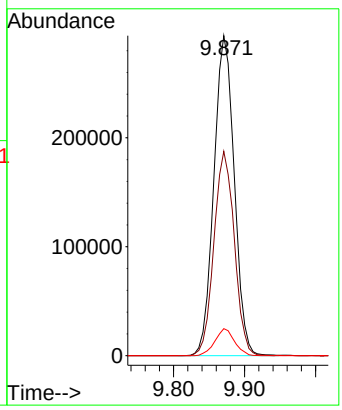




#47
Bromodichloromethane
Concen: 150.128 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 83 Resp: 58454

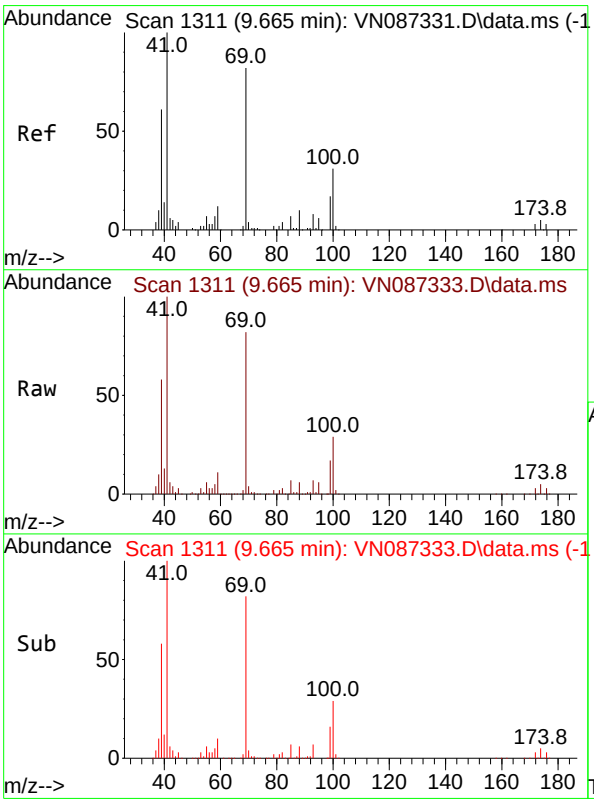
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6
127	8.4	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

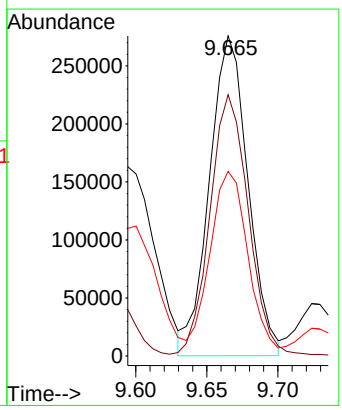
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

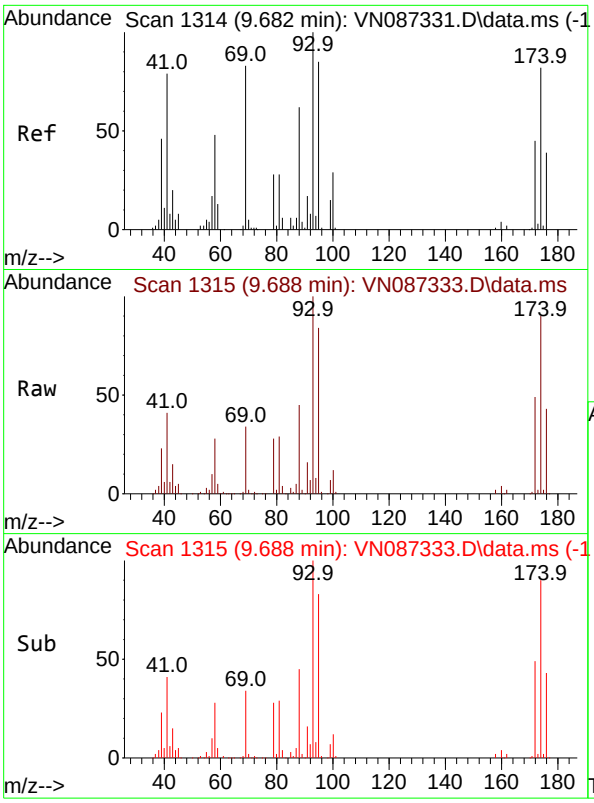


#48
Methyl methacrylate
Concen: 164.191 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 41 Resp: 520990

Ion	Ratio	Lower	Upper
41	100		
69	81.7	64.1	96.1
39	57.0	45.5	68.3

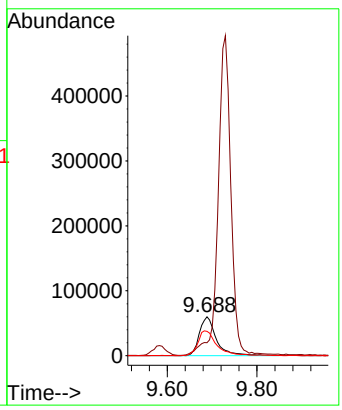




#49
1,4-Dioxane
Concen: 3238.745 ug/l
RT: 9.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 88 Resp: 15740

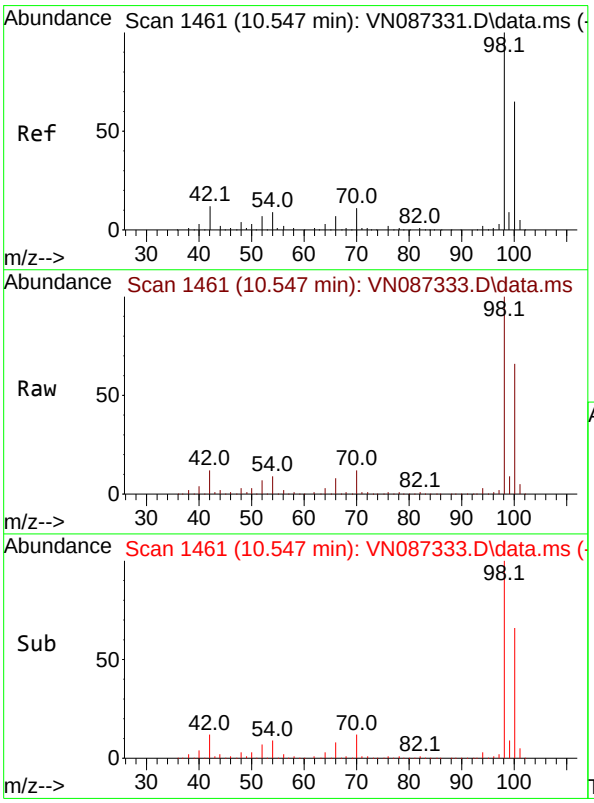
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.5	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

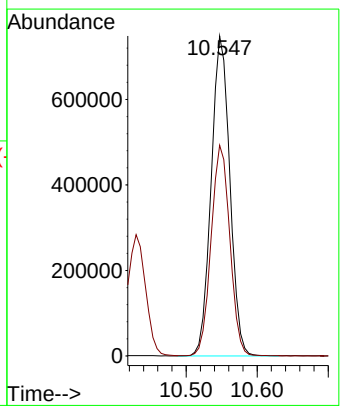
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

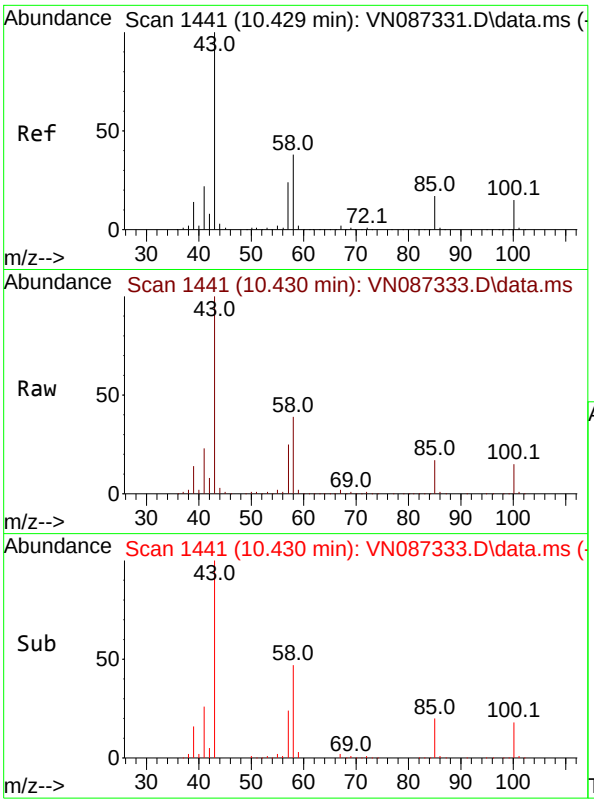


#50
Toluene-d8
Concen: 160.469 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 98 Resp: 1362098

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 757.219 ug/l
RT: 10.430 min Scan# 14
Delta R.T. 0.001 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

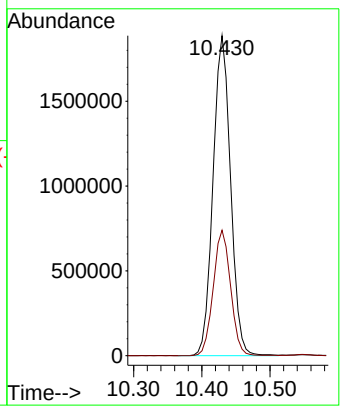
Tgt Ion: 43 Resp: 337560

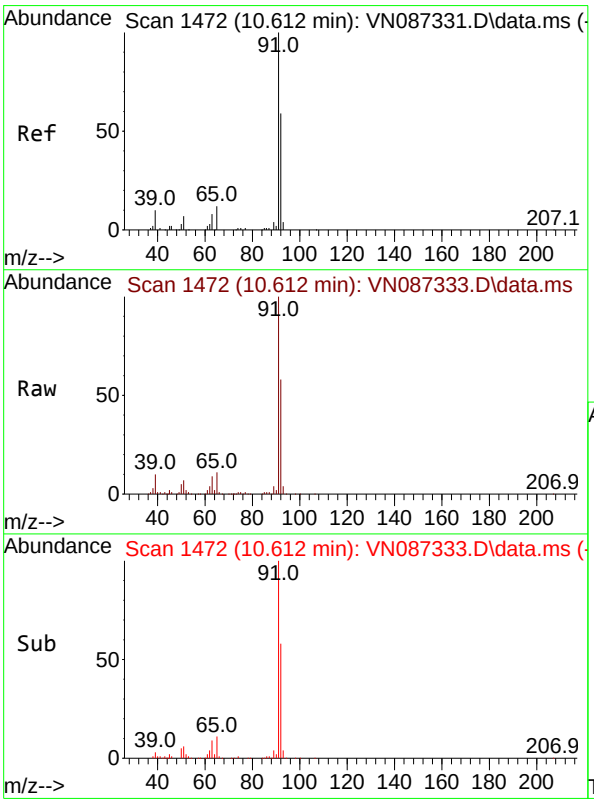
Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.8	46.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

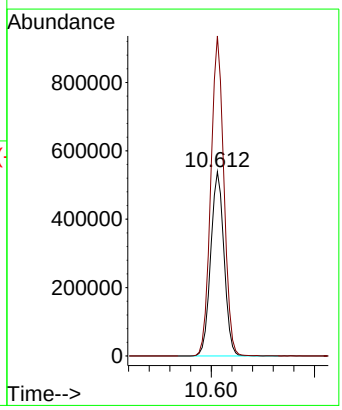


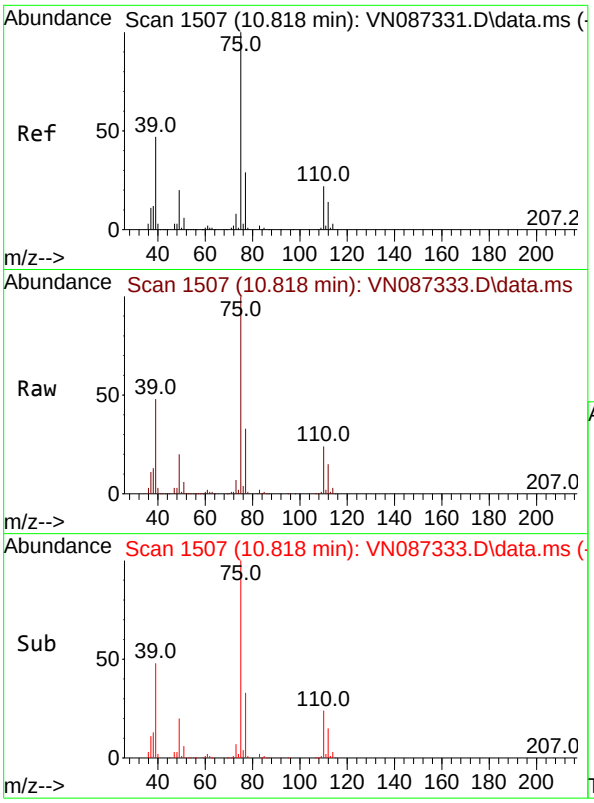


#52
Toluene
Concen: 155.654 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 92 Resp: 961314

Ion	Ratio	Lower	Upper
92	100		
91	170.6	135.1	202.7

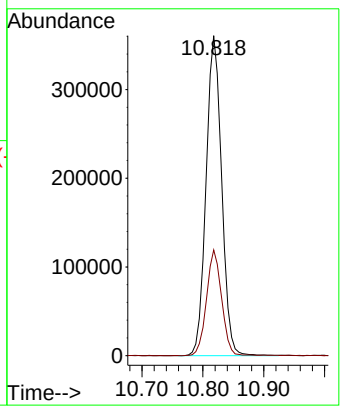




#53
t-1,3-Dichloropropene
Concen: 162.462 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 64018

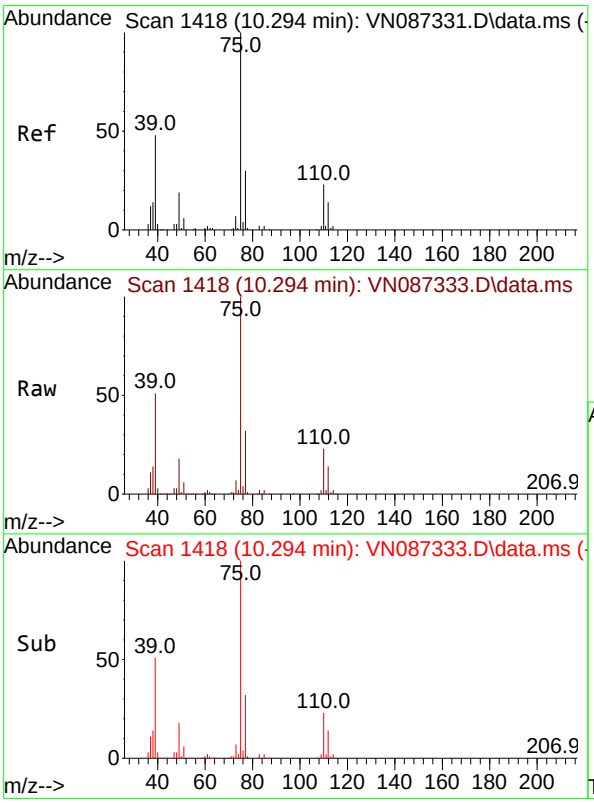
Ion	Ratio	Lower	Upper
75	100		
77	33.0	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

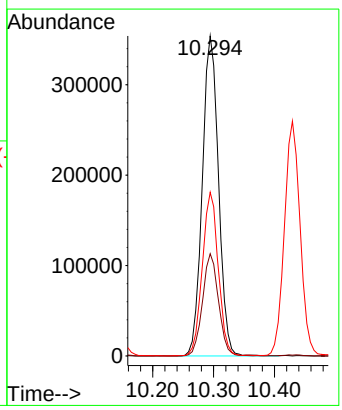
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

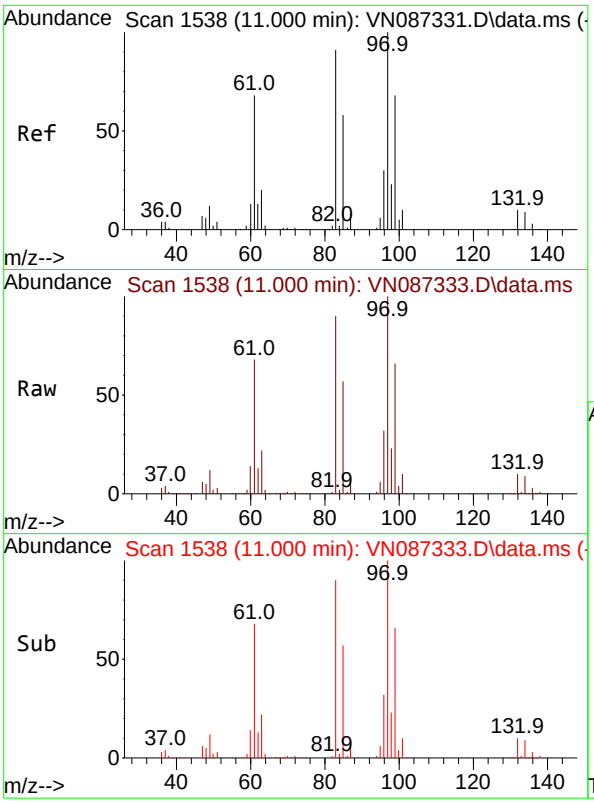


#54
cis-1,3-Dichloropropene
Concen: 160.747 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 654301

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.2	36.2
39	51.0	38.4	57.6

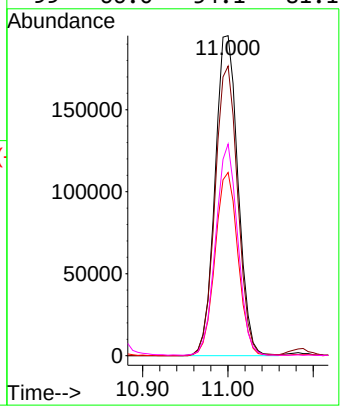




#55
1,1,2-Trichloroethane
Concen: 146.322 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 97 Resp: 36585

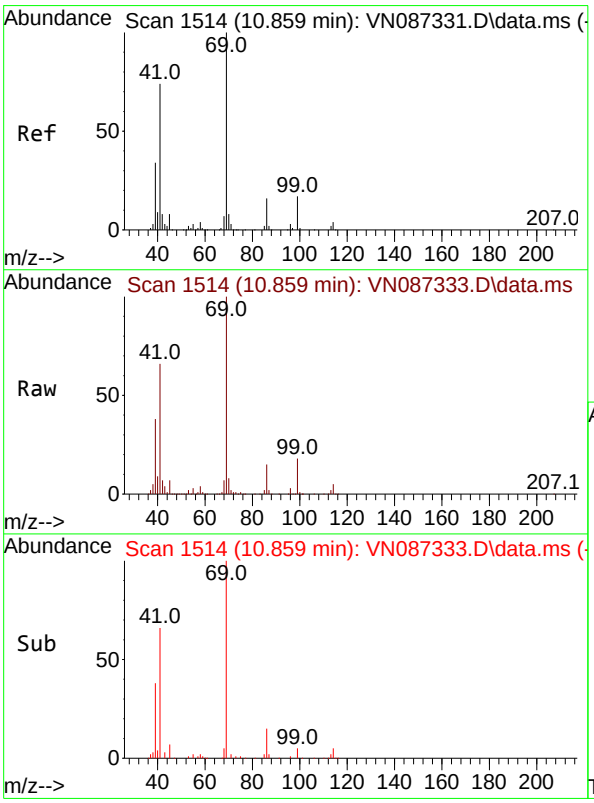
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.6	109.0
85	57.3	46.7	70.1
99	66.0	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

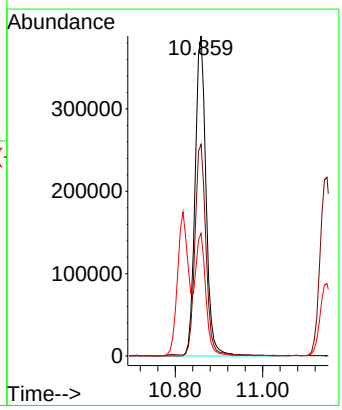
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

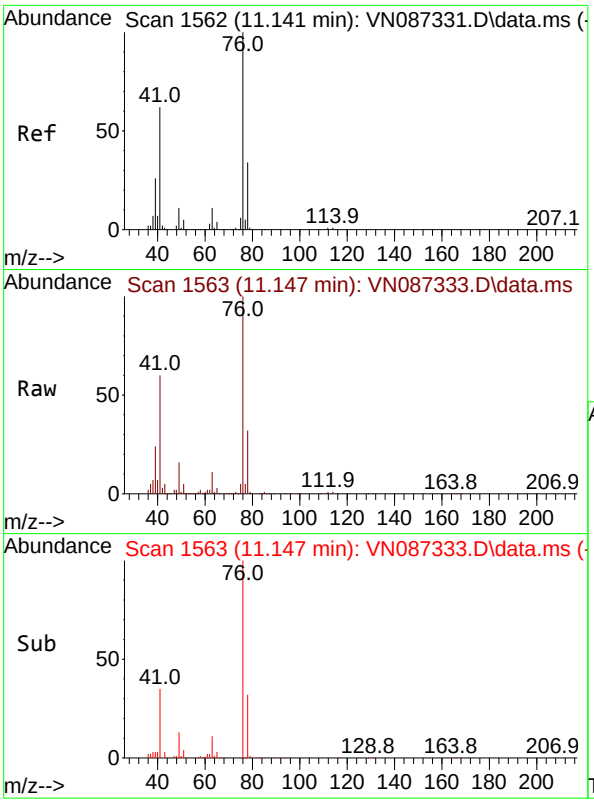


#56
Ethyl methacrylate
Concen: 150.296 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 69 Resp: 679202

Ion	Ratio	Lower	Upper
69	100		
41	66.4	55.1	82.7
39	37.8	27.9	41.9

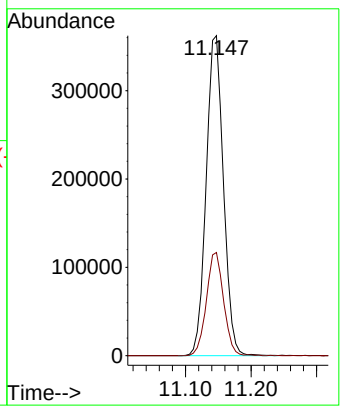




#57
1,3-Dichloropropane
Concen: 153.168 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 76 Resp: 66215

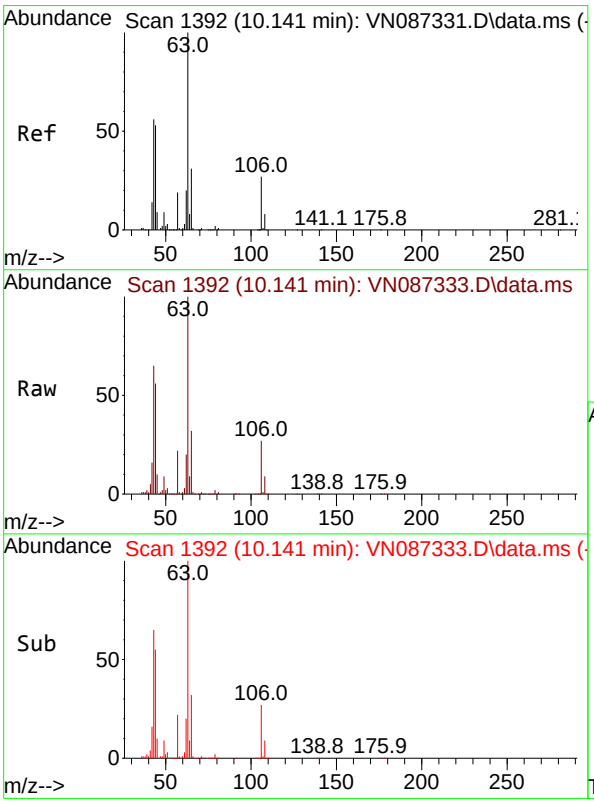
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

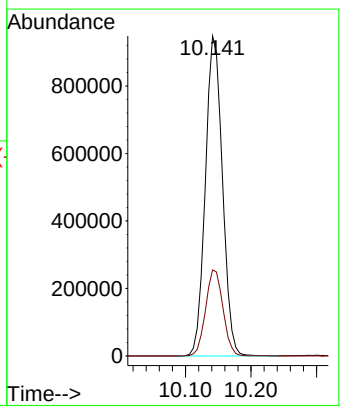
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

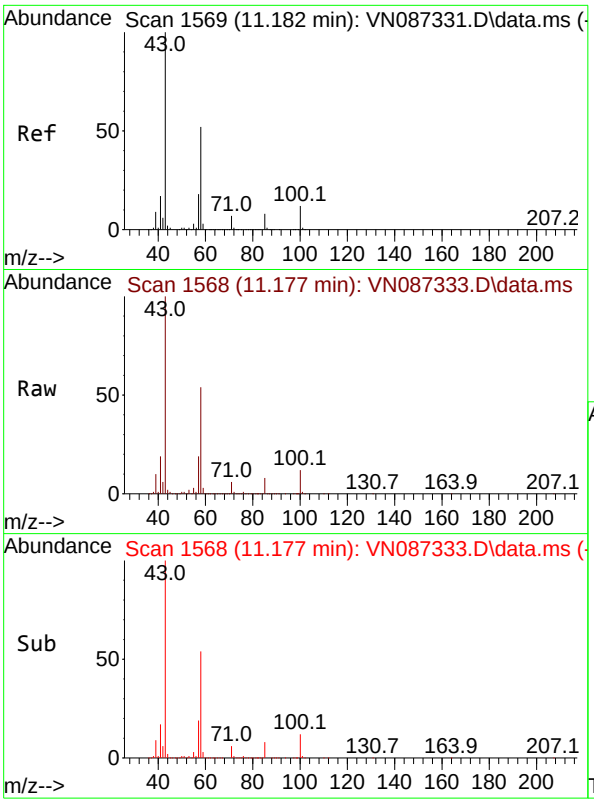


#58
2-Chloroethyl Vinyl ether
Concen: 837.324 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 63 Resp: 1717427

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.7	32.5





#59
2-Hexanone
Concen: 837.689 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

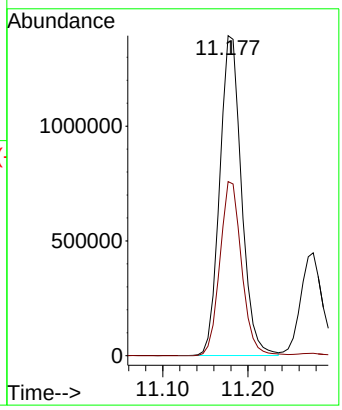
Tgt Ion: 43 Resp: 247757

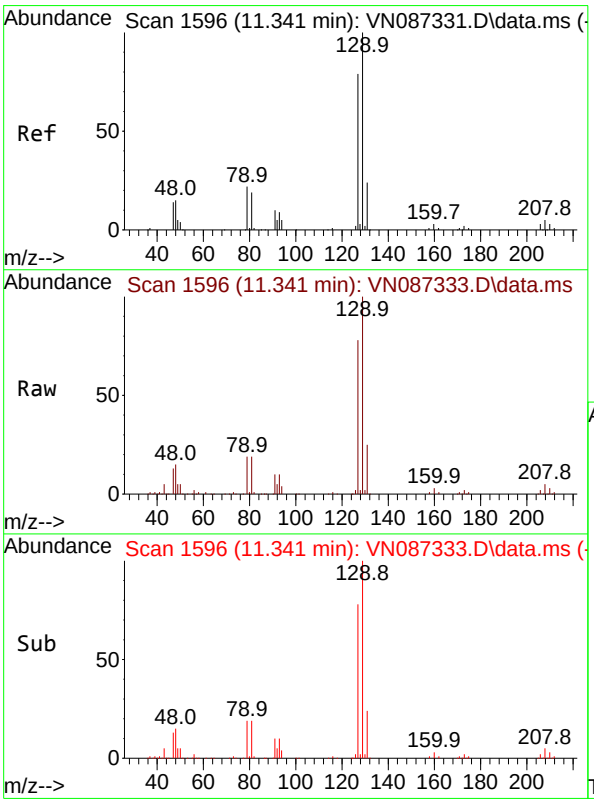
Ion	Ratio	Lower	Upper
43	100		
58	54.4	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

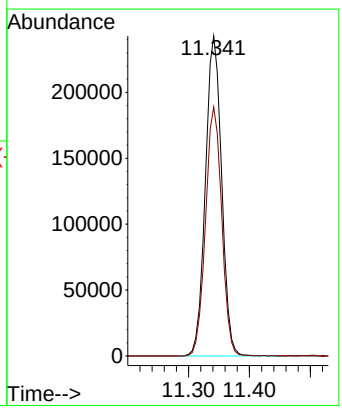


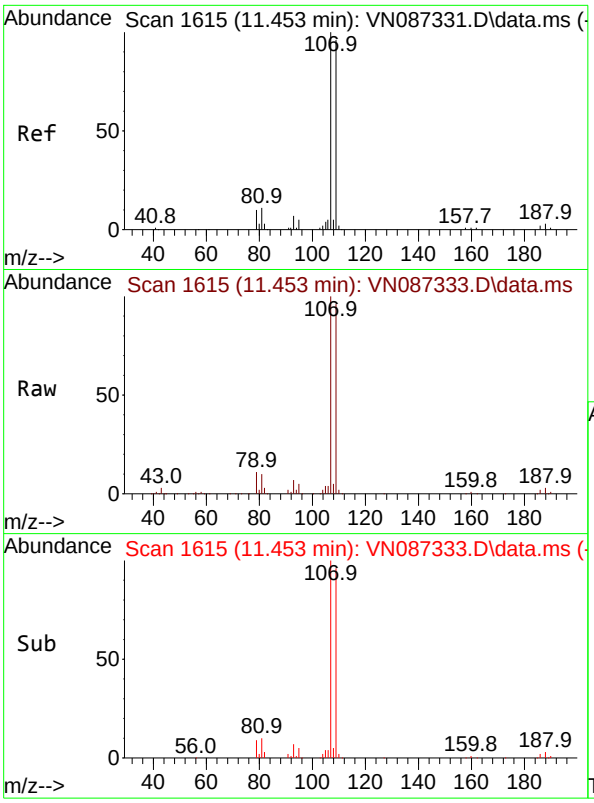


#60
Dibromochloromethane
Concen: 157.217 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:129 Resp: 448307

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.5





#61
1,2-Dibromoethane
Concen: 153.282 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

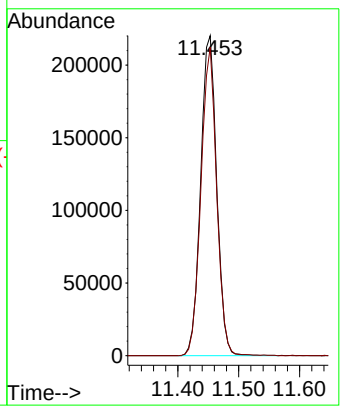
Tgt Ion:107 Resp: 40297

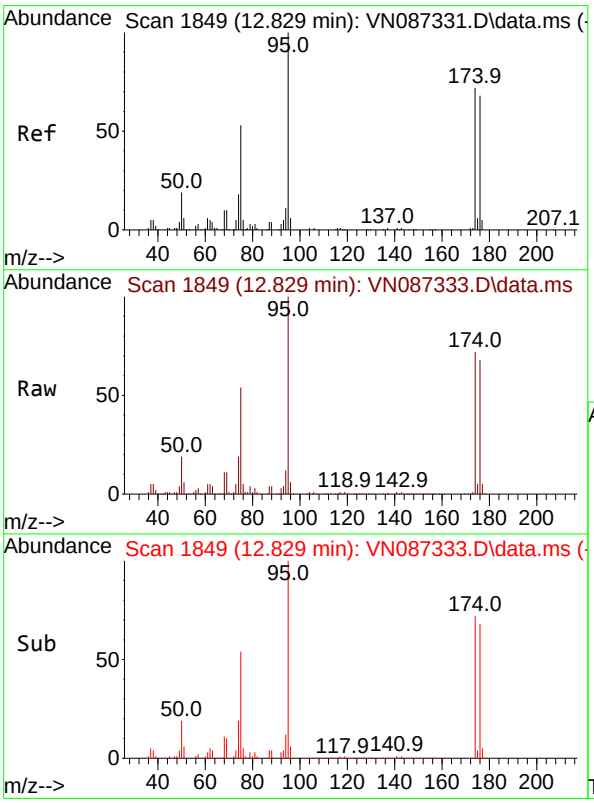
Ion	Ratio	Lower	Upper
107	100		
109	94.2	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

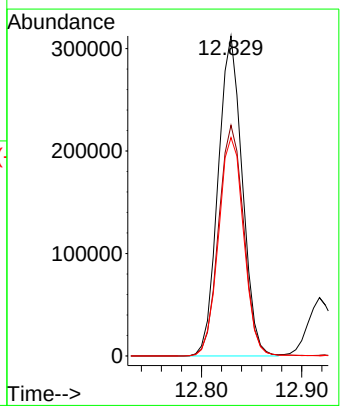


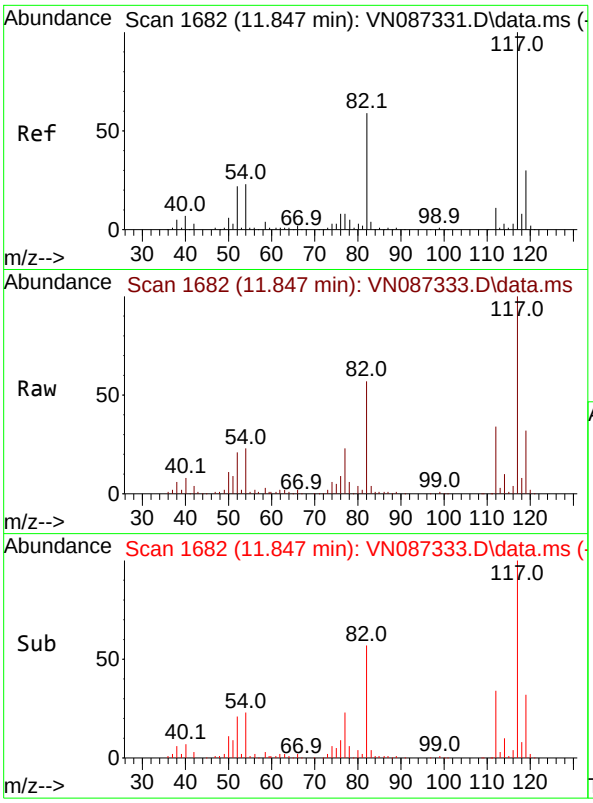


#62
4-Bromofluorobenzene
Concen: 166.525 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 95 Resp: 522221

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	149.4
176	71.2	0.0	141.2

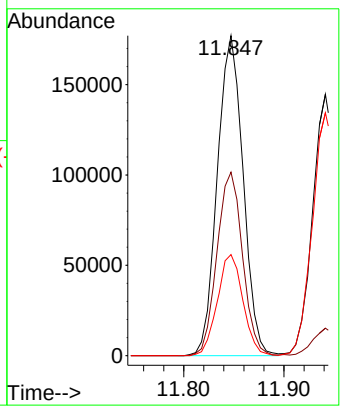




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:117 Resp: 31702

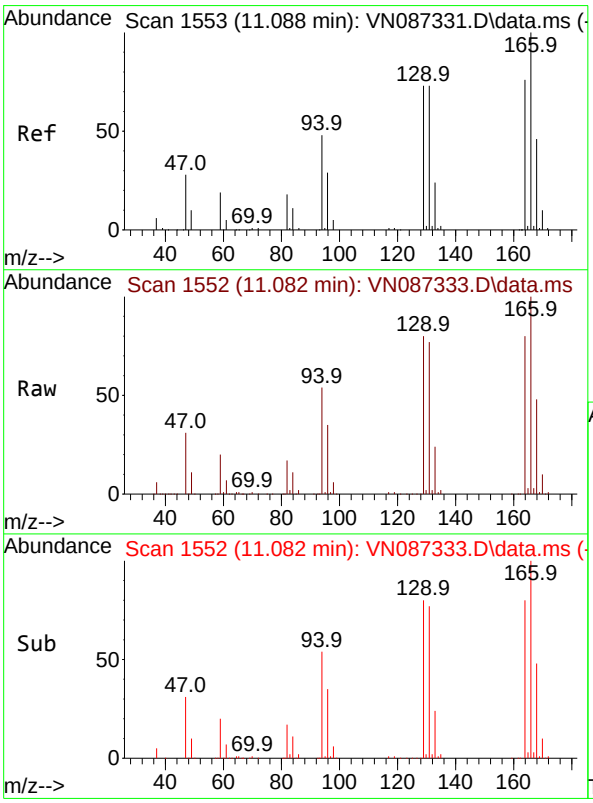
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	31.6	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

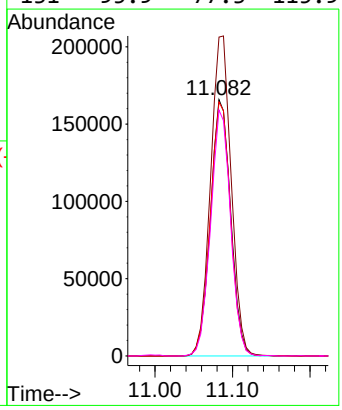
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

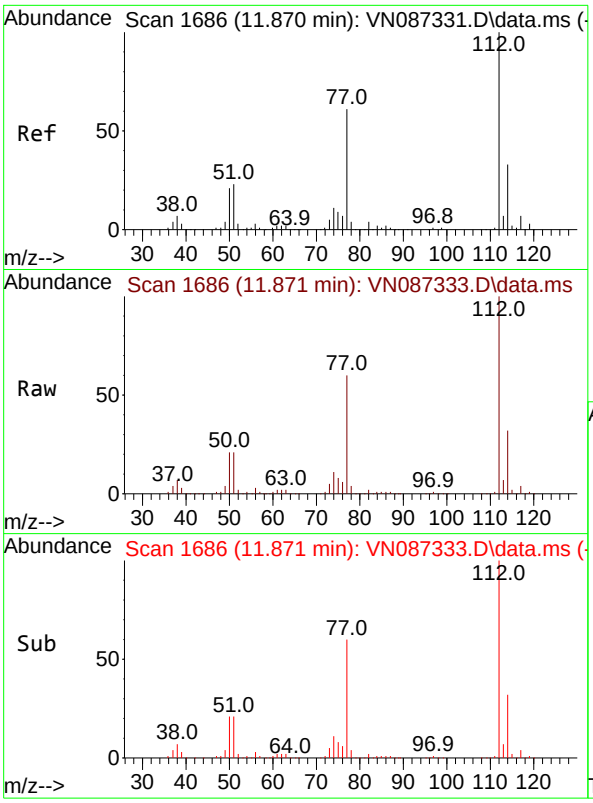


#64
Tetrachloroethene
Concen: 147.718 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:164 Resp: 301404

Ion	Ratio	Lower	Upper
164	100		
166	124.4	105.5	158.3
129	99.0	77.4	116.2
131	95.9	77.3	115.9

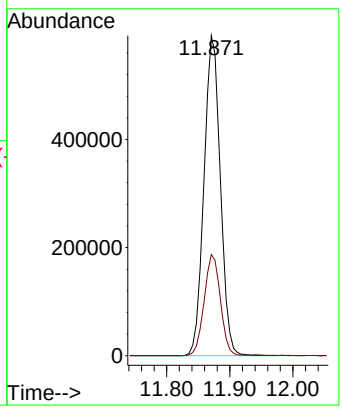




#65
Chlorobenzene
Concen: 149.878 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:112 Resp: 106675

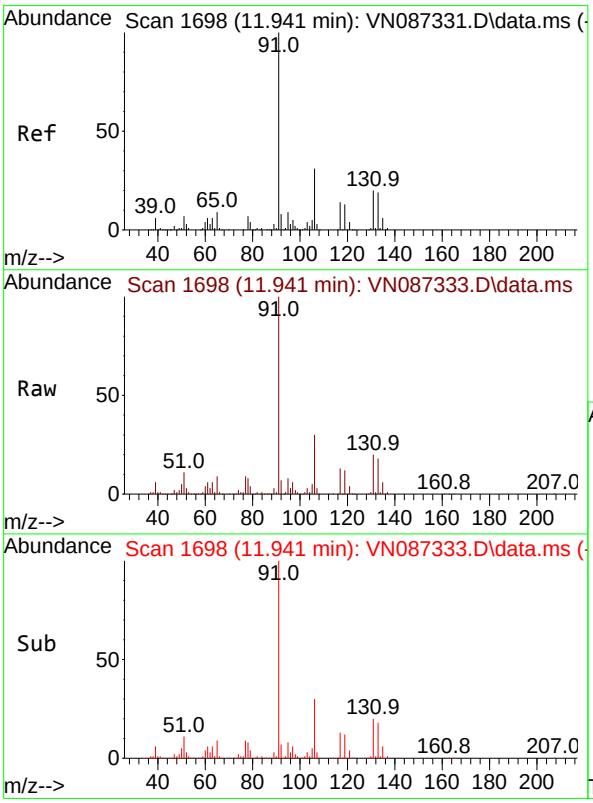
Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

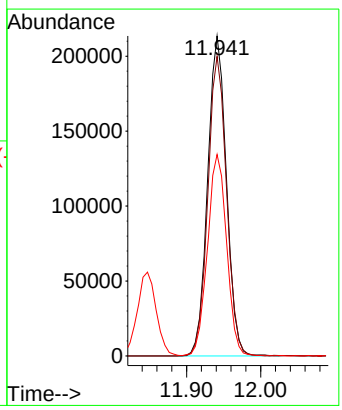
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

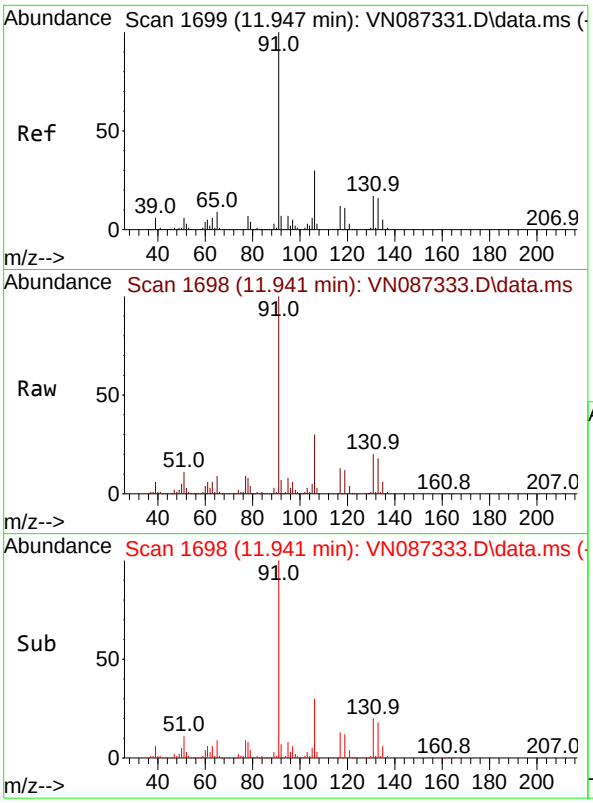


#66
1,1,1,2-Tetrachloroethane
Concen: 155.013 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:131 Resp: 375162

Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.4	142.3
119	64.4	33.1	99.2

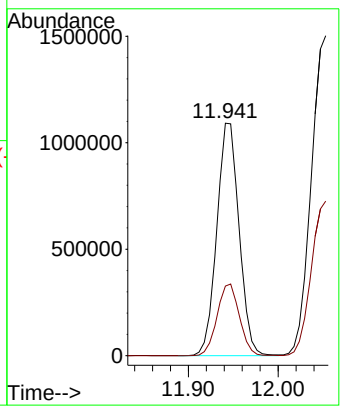




#67
Ethyl Benzene
Concen: 160.613 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 188192

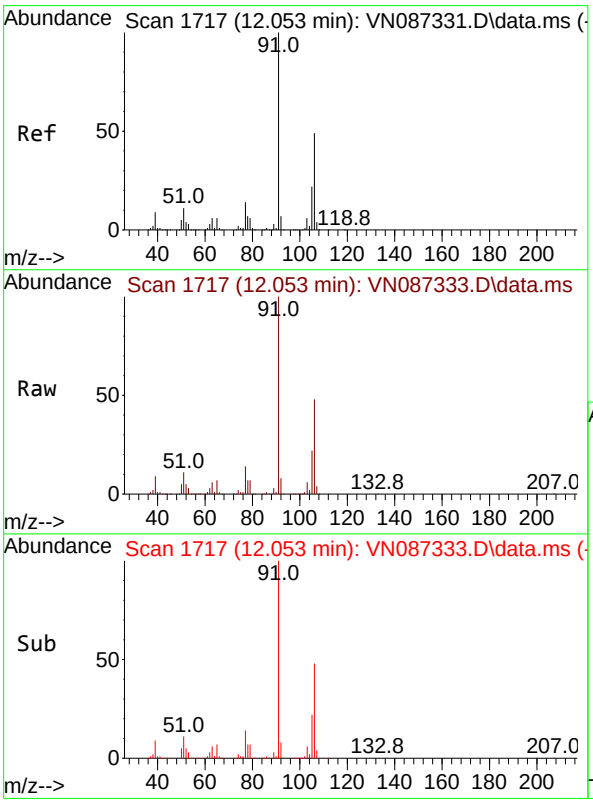
Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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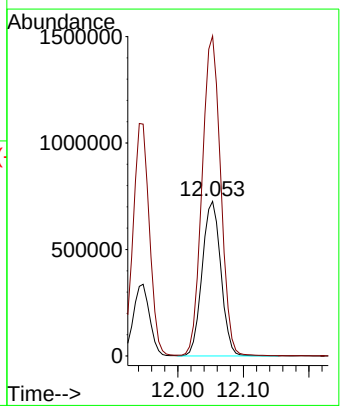
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

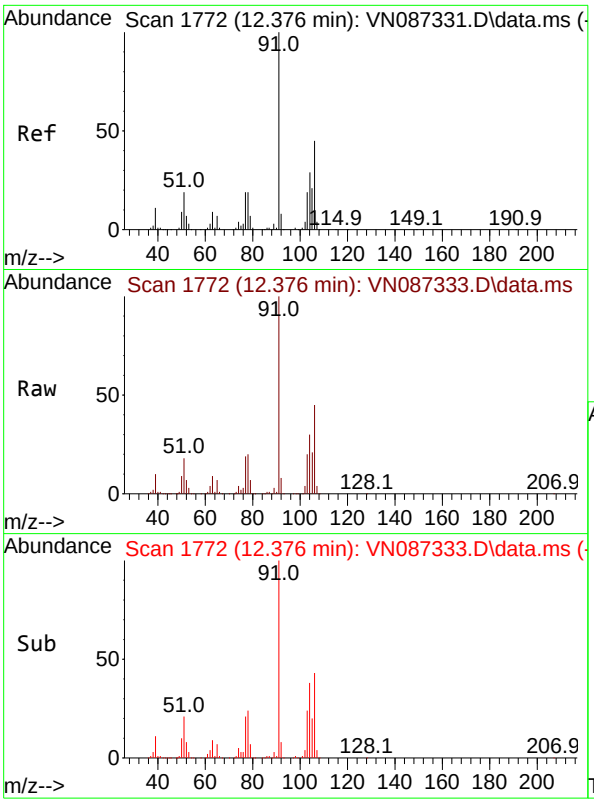


#68
m/p-Xylenes
Concen: 327.579 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:106 Resp: 1437290

Ion	Ratio	Lower	Upper
106	100		
91	206.0	162.0	243.0





#69
o-Xylene
Concen: 166.628 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

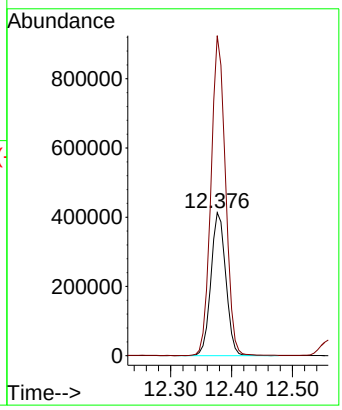
Tgt Ion:106 Resp: 69836

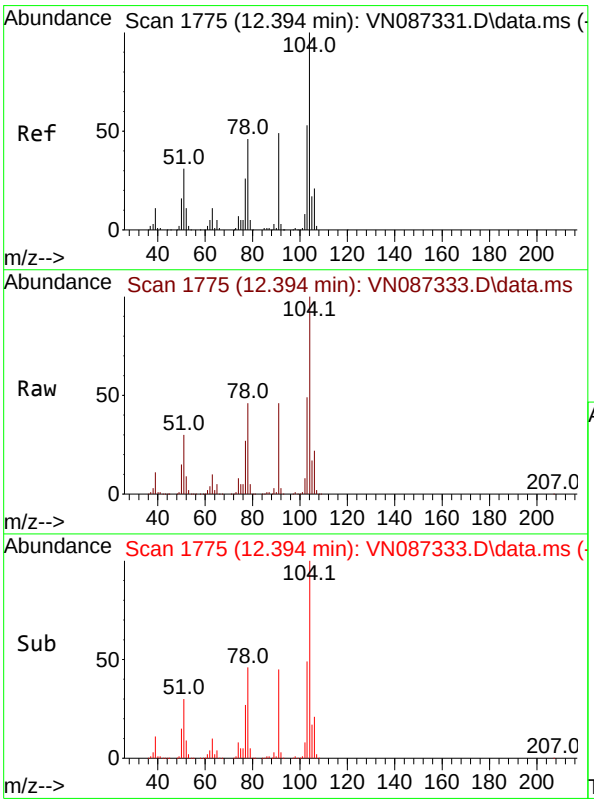
Ion	Ratio	Lower	Upper
106	100		
91	218.8	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

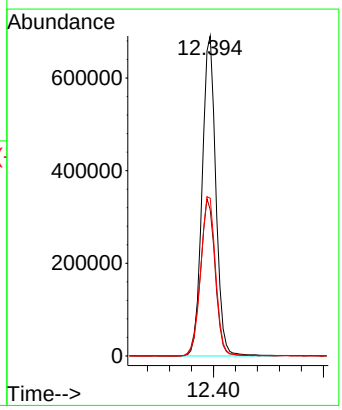


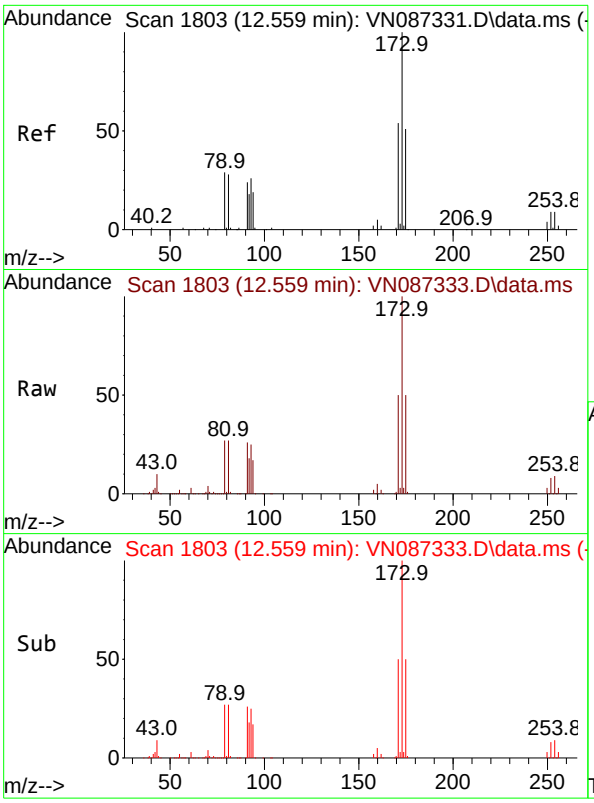


#70
Styrene
Concen: 169.502 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:104 Resp: 1195068

Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.0	61.6
103	54.2	43.9	65.9

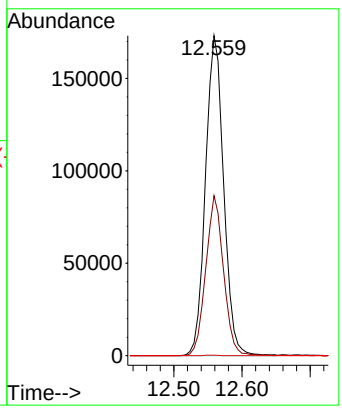




#71
Bromoform
Concen: 164.154 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:173 Resp: 32096

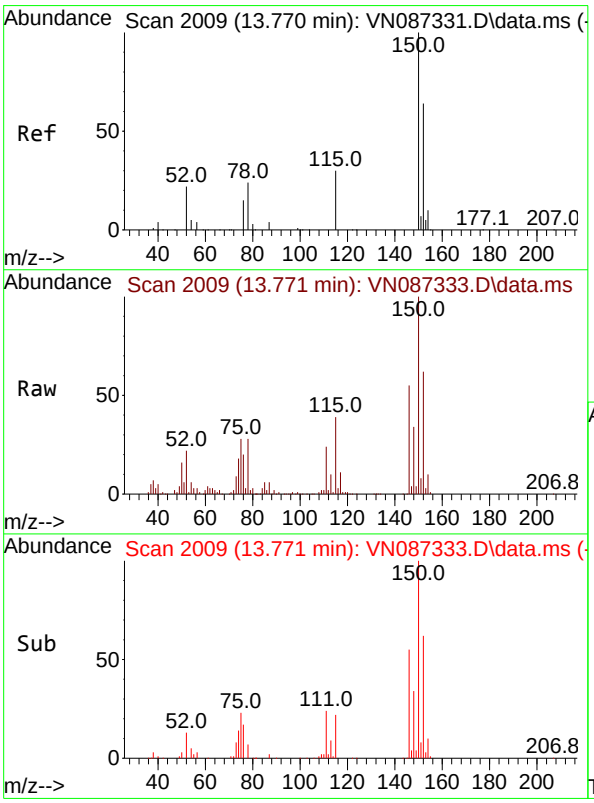
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.1	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

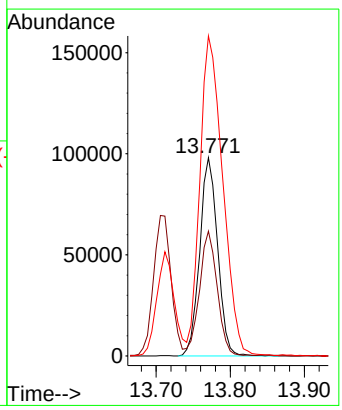
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

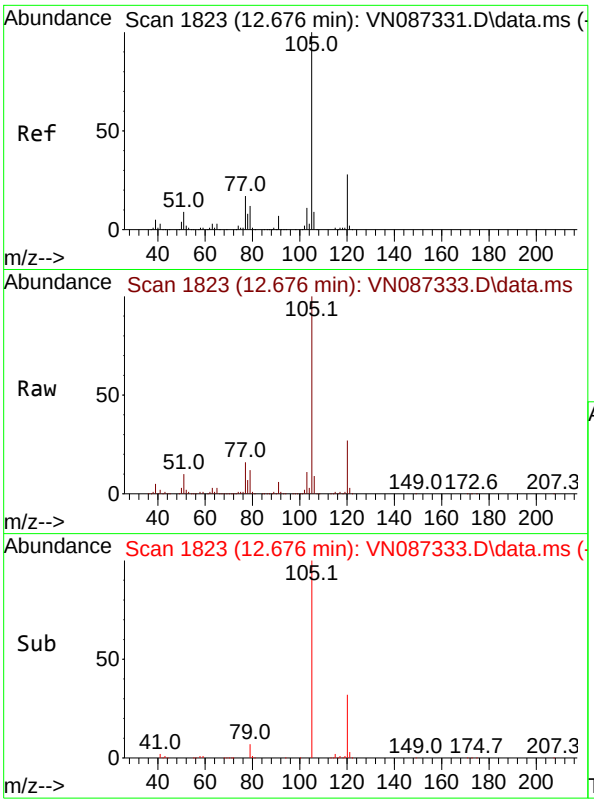


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:152 Resp: 165077

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.1	93.5
150	205.0	0.0	349.0

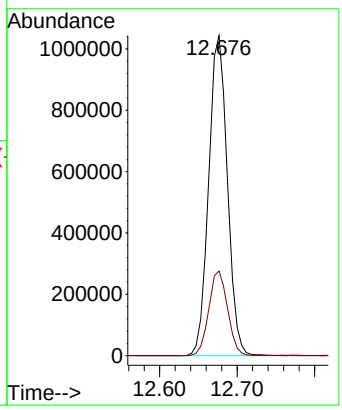




#73
Isopropylbenzene
Concen: 168.203 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:105 Resp: 174756

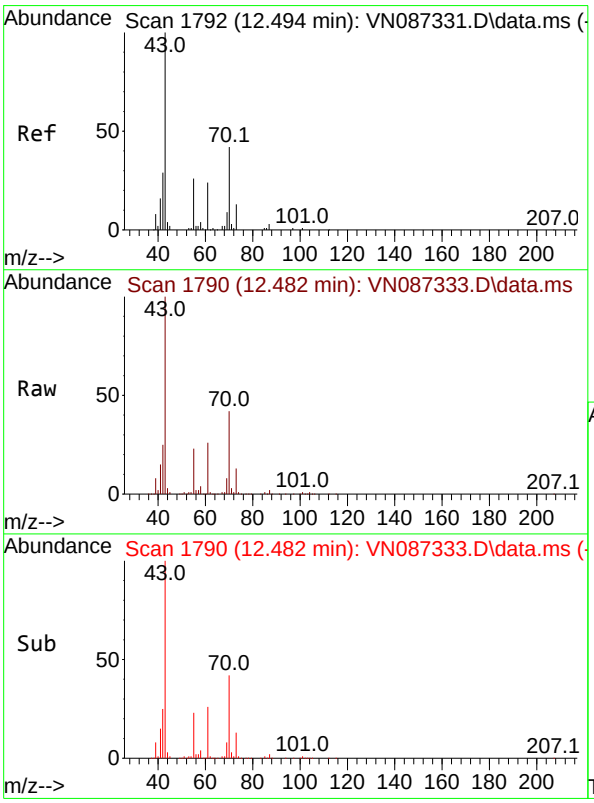
Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

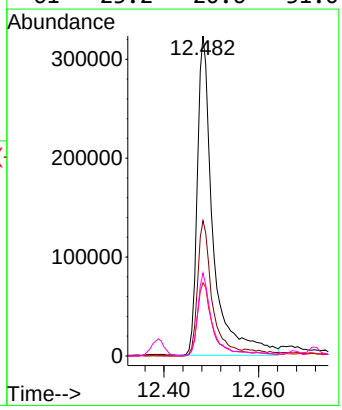
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

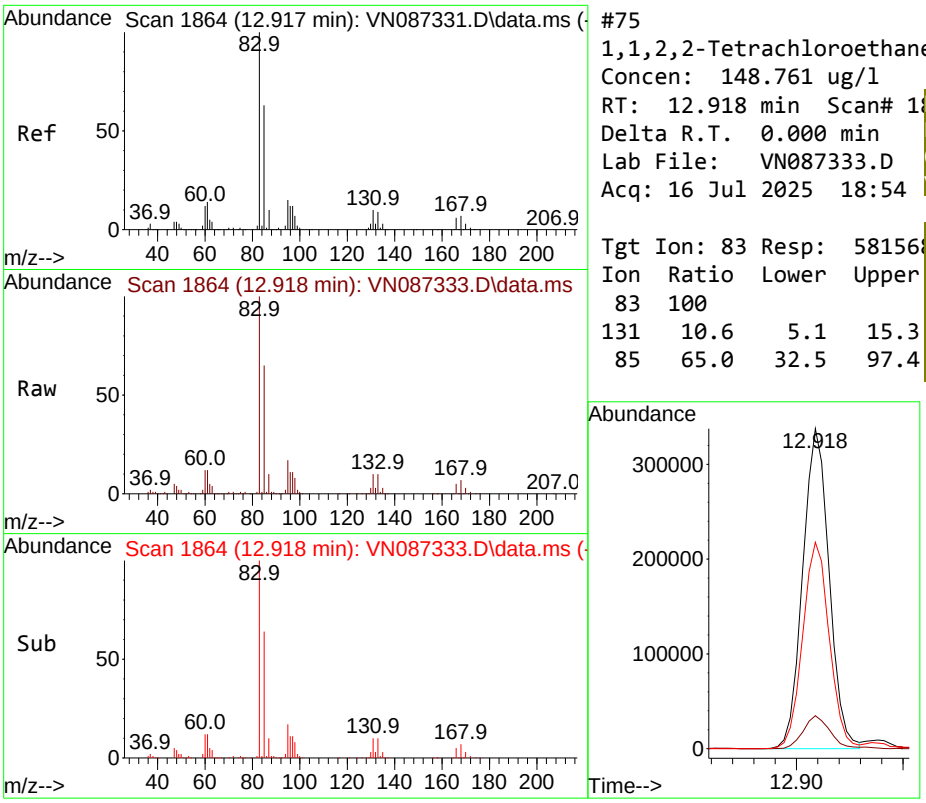


#74
N-amyl acetate
Concen: 184.917 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 43 Resp: 750104

Ion	Ratio	Lower	Upper
43	100		
70	38.7	37.6	56.4
55	21.4	19.6	29.4
61	23.2	20.6	31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 148.761 ug/l
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

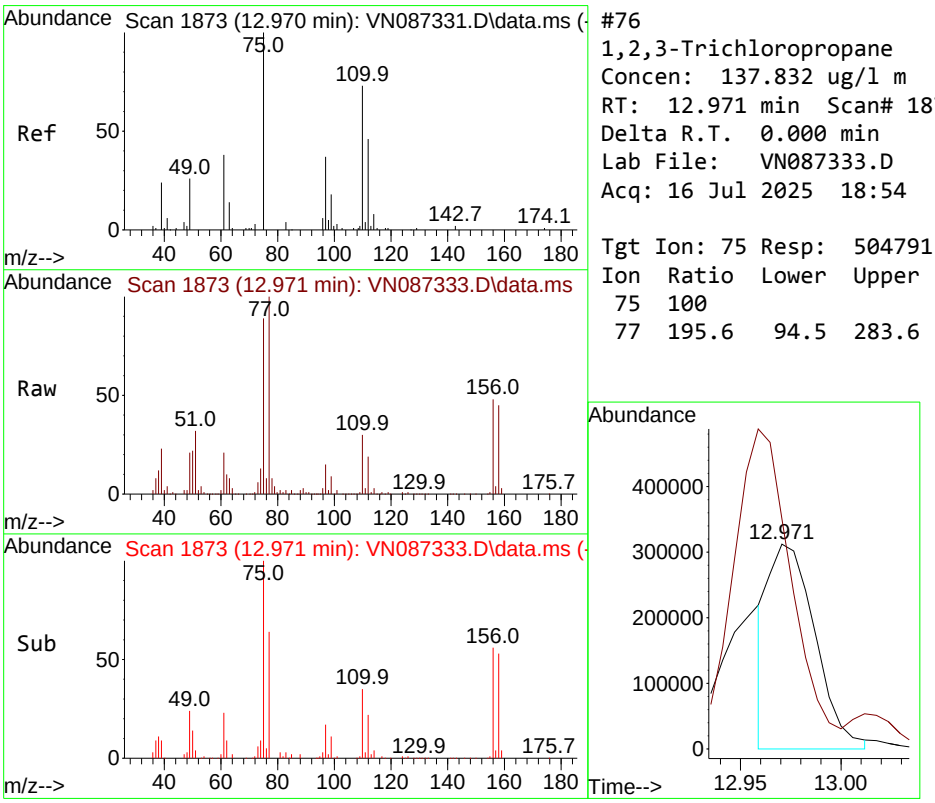
Tgt Ion: 83 Resp: 58156

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	65.0	32.5	97.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

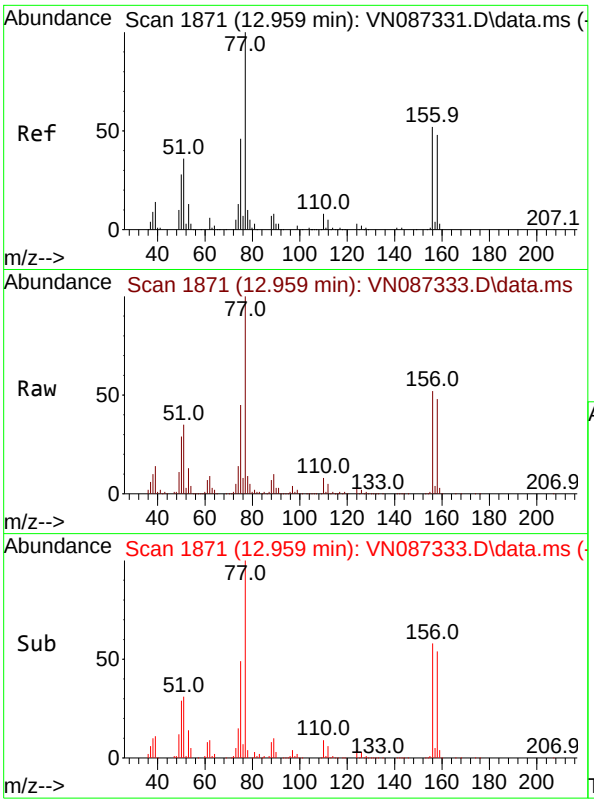
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
1,2,3-Trichloropropane
Concen: 137.832 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 504791

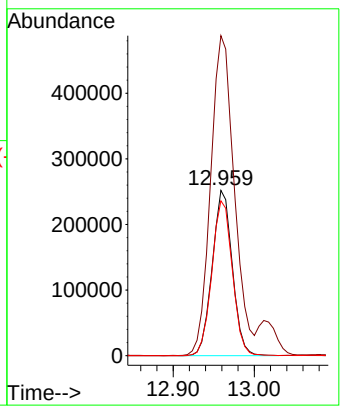
Ion	Ratio	Lower	Upper
75	100		
77	195.6	94.5	283.6



#77
Bromobenzene
Concen: 161.001 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:156 Resp: 43381

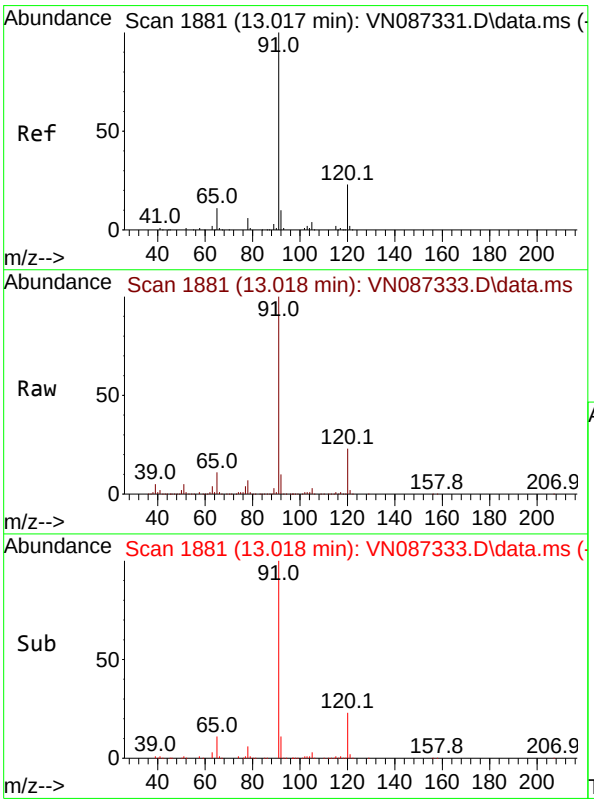
Ion	Ratio	Lower	Upper
156	100		
77	227.6	114.9	344.6
158	95.5	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

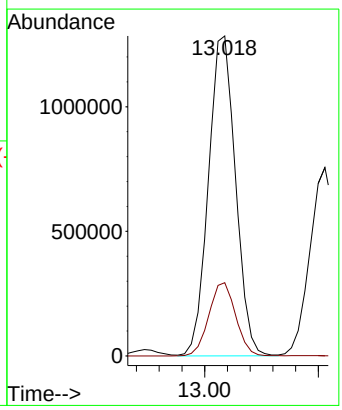
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

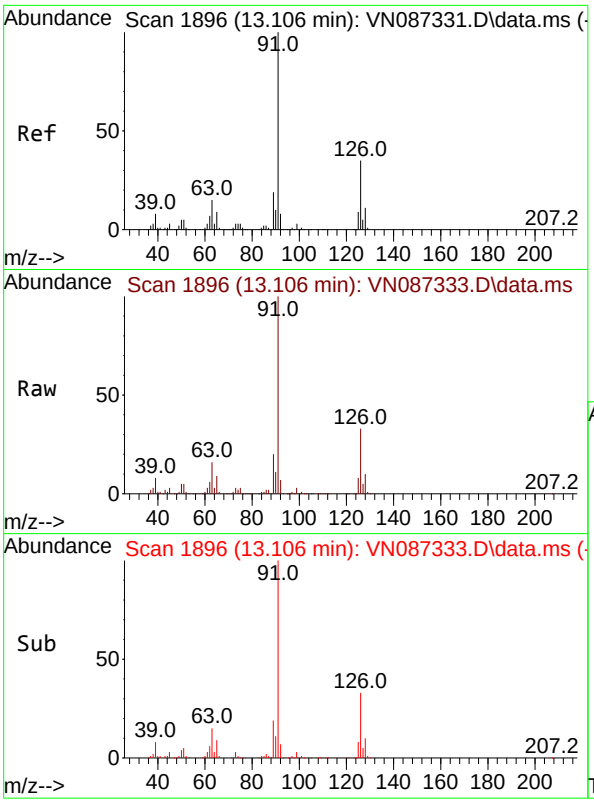


#78
n-propylbenzene
Concen: 162.733 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 2127215

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8

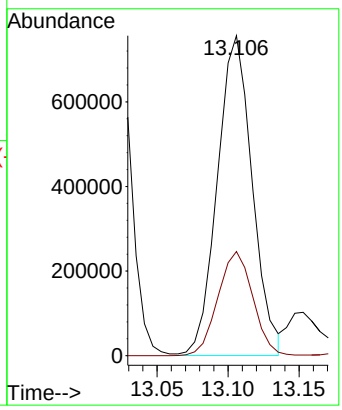




#79
2-Chlorotoluene
Concen: 160.600 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 129020

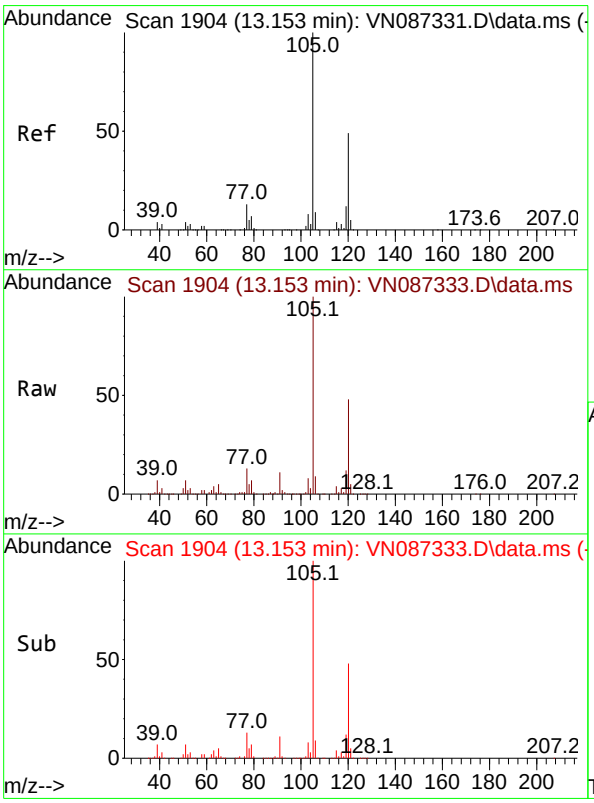
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

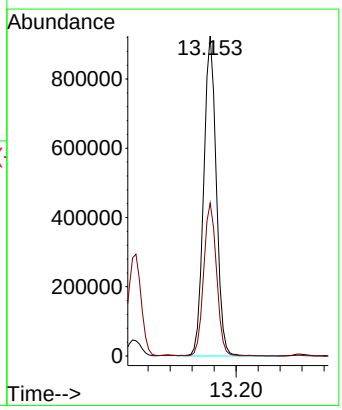
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

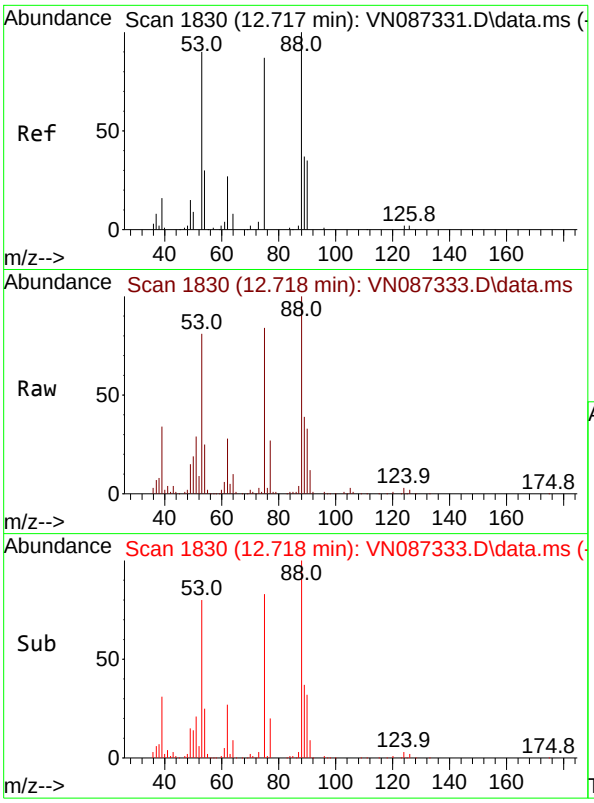


#80
1,3,5-Trimethylbenzene
Concen: 165.514 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:105 Resp: 1465159

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	72.8

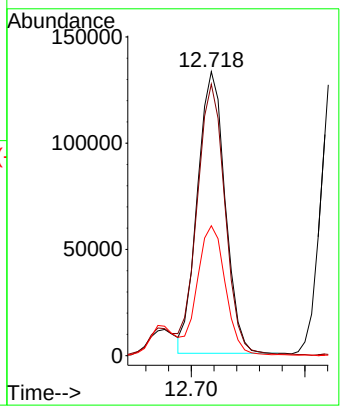




#81
trans-1,4-Dichloro-2-butene
Concen: 165.713 ug/l
RT: 12.718 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 22419

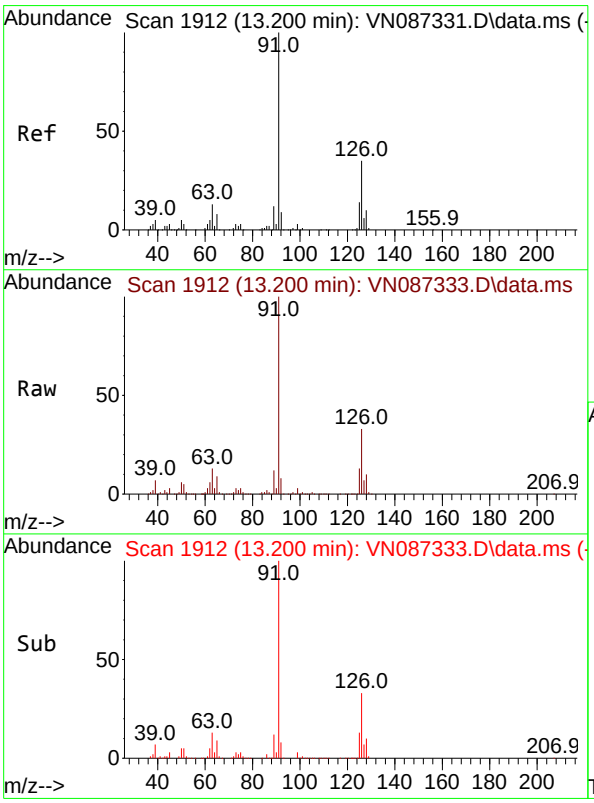
Ion	Ratio	Lower	Upper
75	100		
53	97.9	83.5	125.3
89	47.3	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

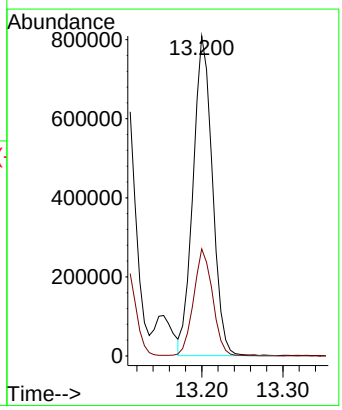
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

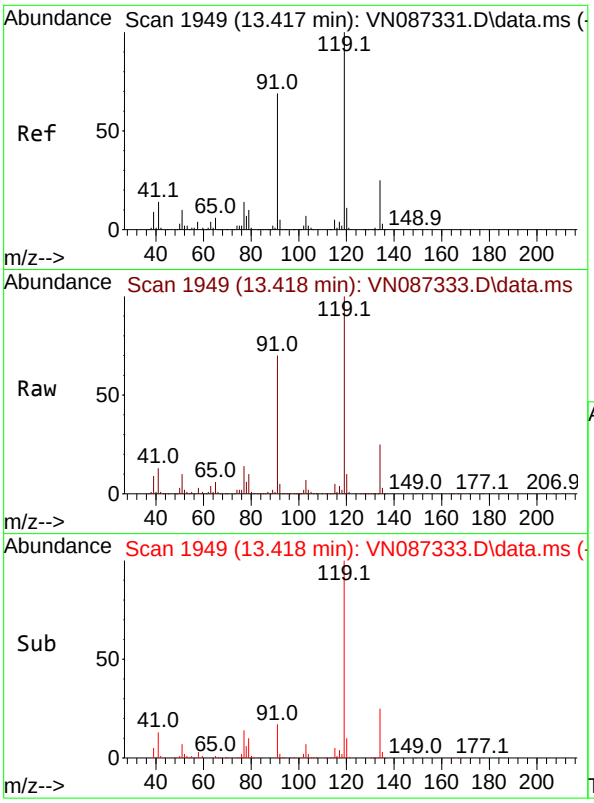


#82
4-Chlorotoluene
Concen: 159.785 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 1336462

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

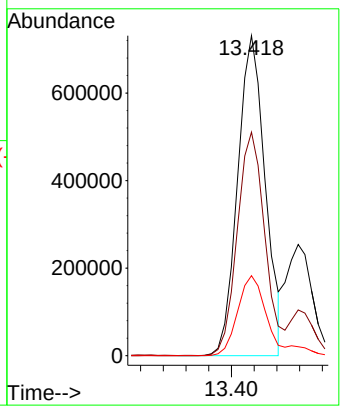




#83
tert-Butylbenzene
Concen: 166.457 ug/l
RT: 13.418 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:119 Resp: 123068

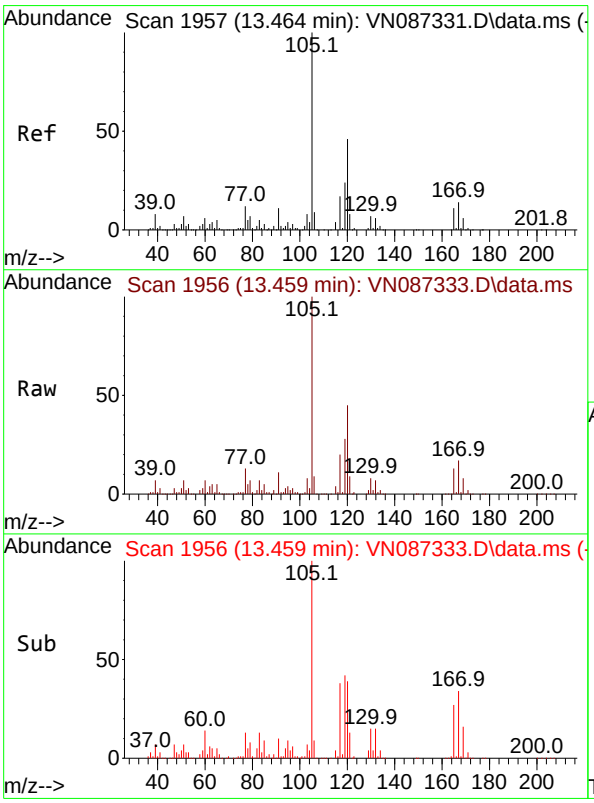
Ion	Ratio	Lower	Upper
119	100		
91	70.4	35.0	105.1
134	27.7	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

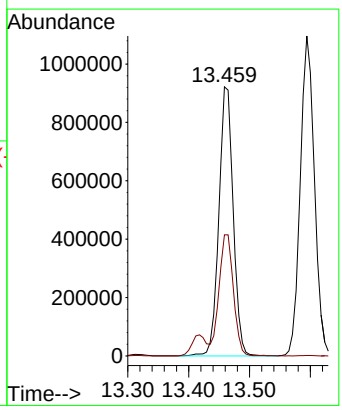
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

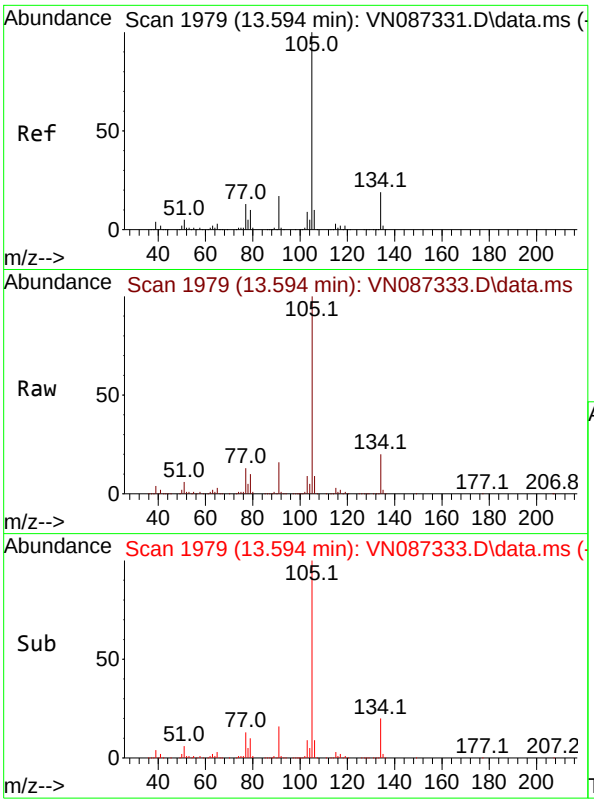


#84
1,2,4-Trimethylbenzene
Concen: 166.222 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:105 Resp: 1502651

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.3

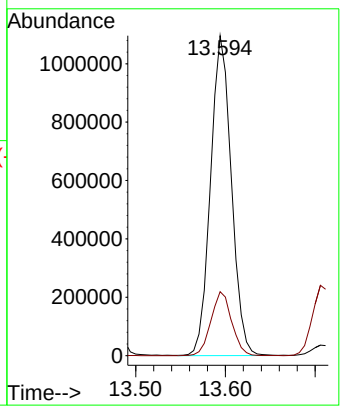




#85
sec-Butylbenzene
Concen: 158.754 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:105 Resp: 176794

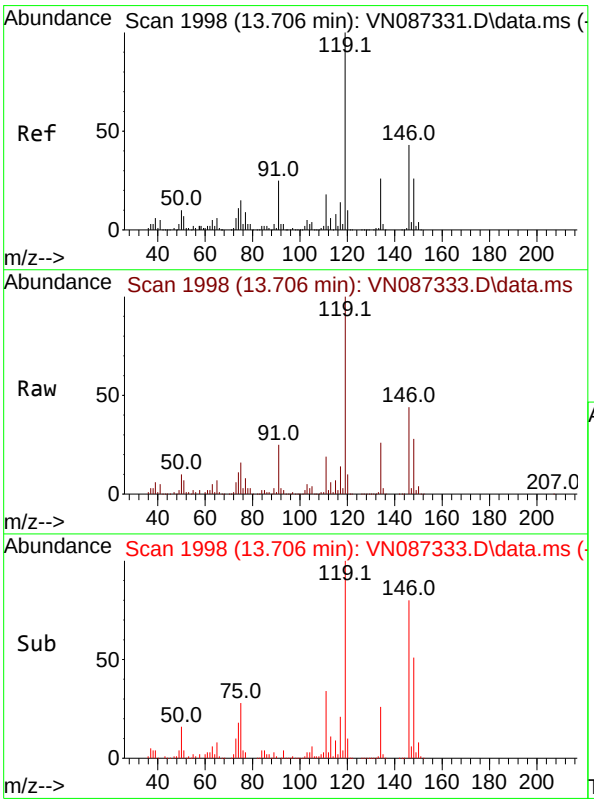
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

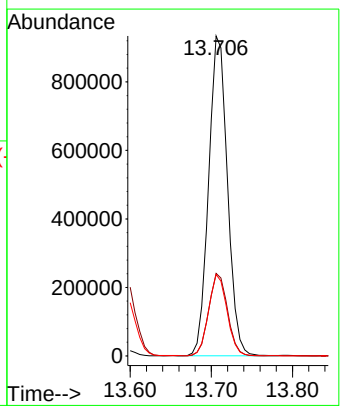
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

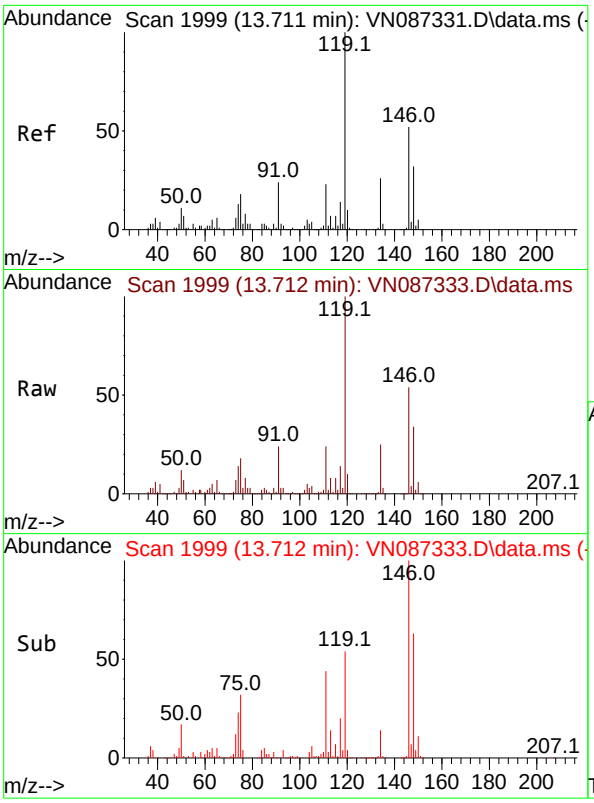


#86
p-Isopropyltoluene
Concen: 168.219 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:119 Resp: 1501303

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.5	40.5
91	25.0	12.2	36.6

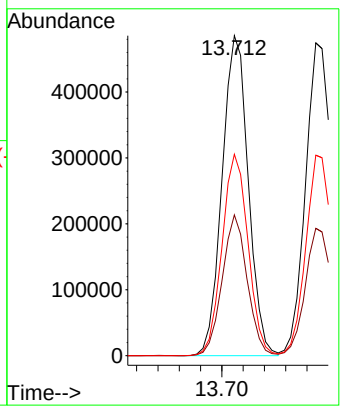




#87
1,3-Dichlorobenzene
Concen: 156.742 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:146 Resp: 82888

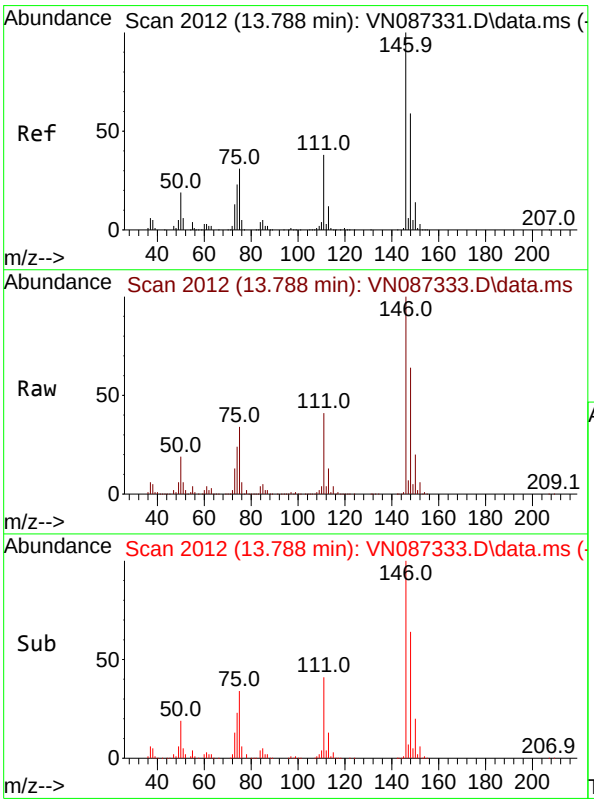
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	62.5	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

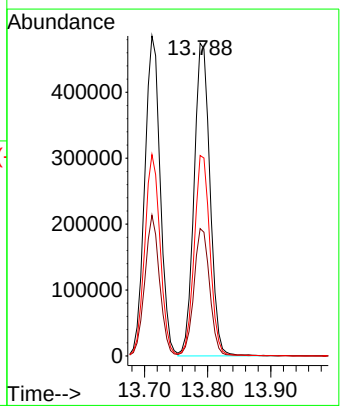
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

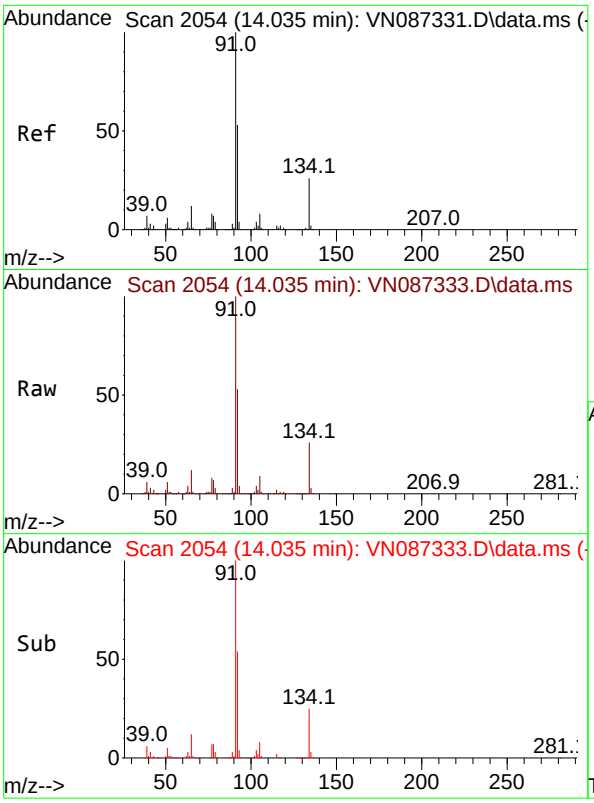


#88
1,4-Dichlorobenzene
Concen: 147.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:146 Resp: 830255

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	63.1	31.4	94.0

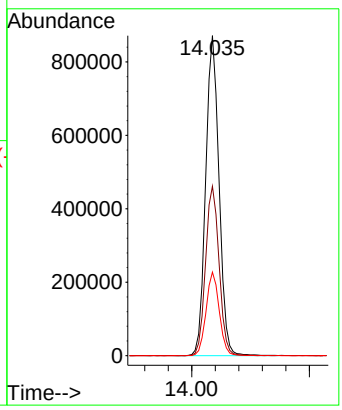




#89
n-Butylbenzene
Concen: 160.505 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 91 Resp: 136781

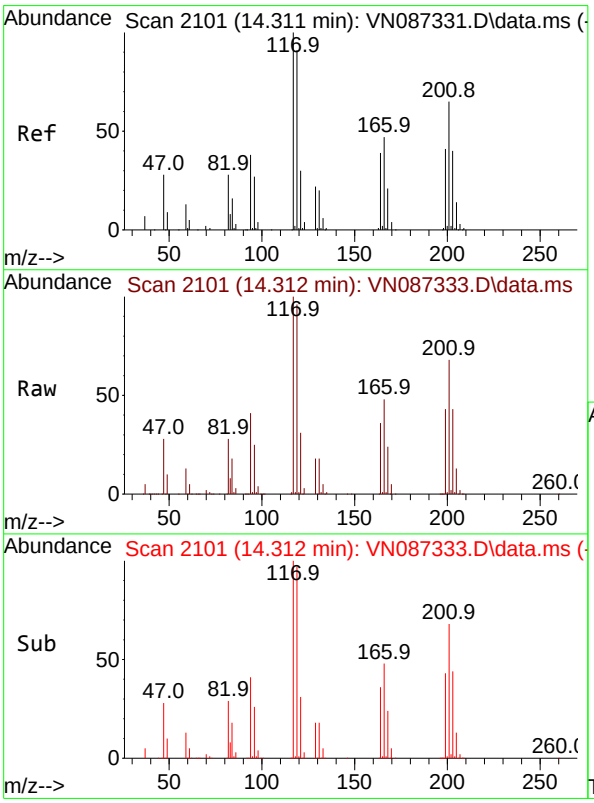
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.2	78.6
134	25.8	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

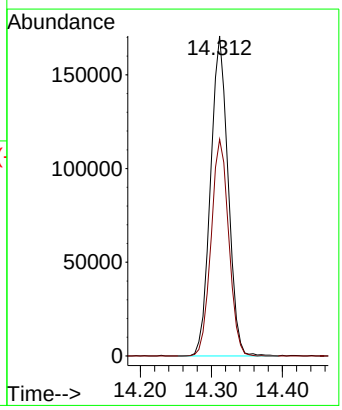
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

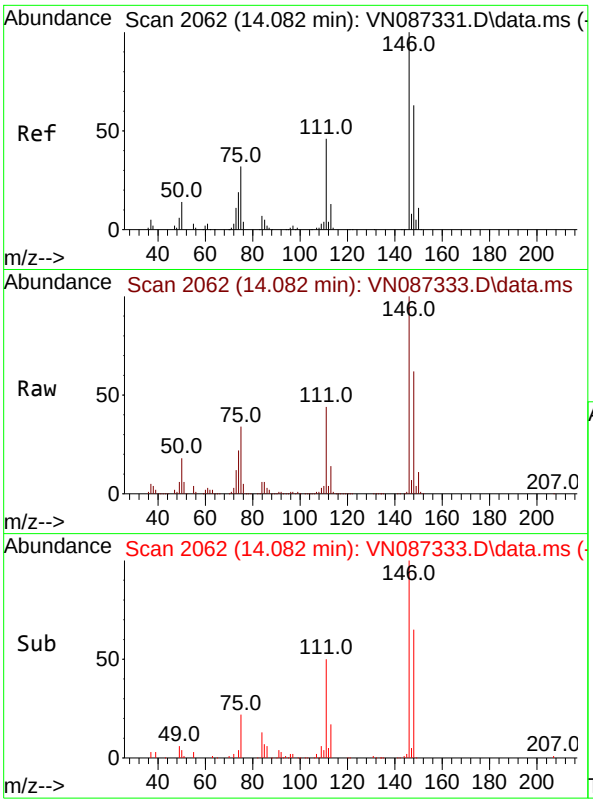


#90
Hexachloroethane
Concen: 154.518 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:117 Resp: 292183

Ion	Ratio	Lower	Upper
117	100		
201	68.0	32.8	98.4

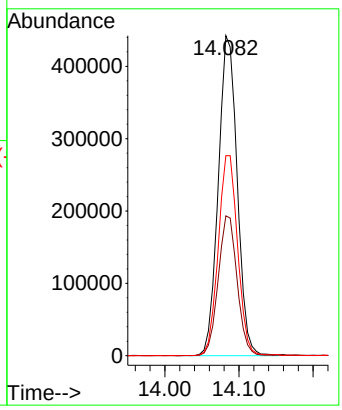




#91
1,2-Dichlorobenzene
Concen: 156.513 ug/l
RT: 14.082 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:146 Resp: 78410

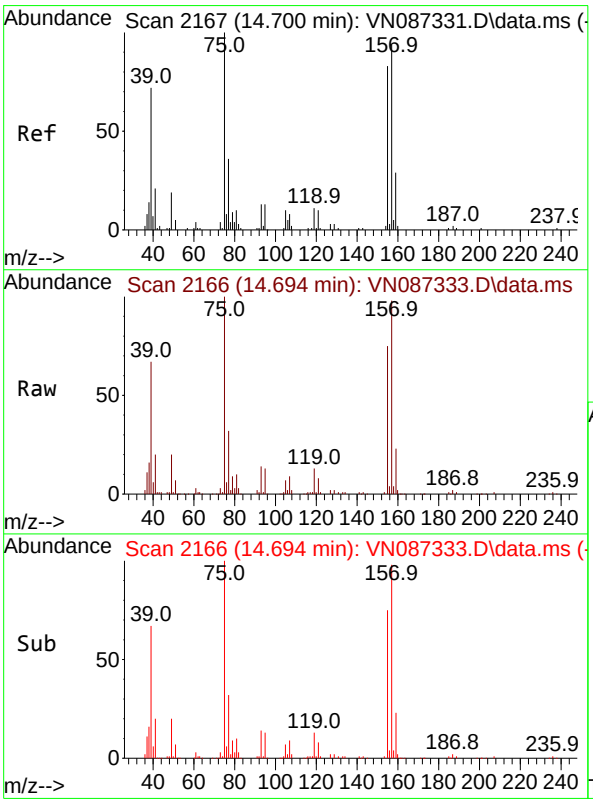
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.0	66.0
148	64.1	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

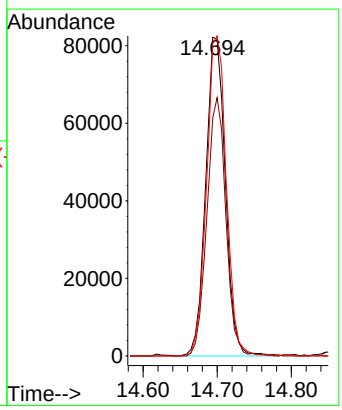
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

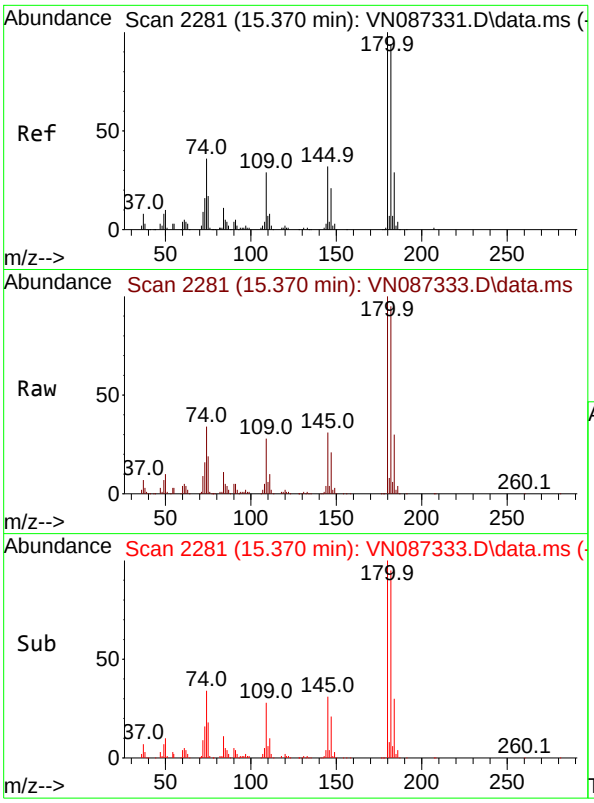


#92
1,2-Dibromo-3-Chloropropane
Concen: 147.203 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion: 75 Resp: 151090

Ion	Ratio	Lower	Upper
75	100		
155	78.4	37.3	111.8
157	101.0	46.2	138.6

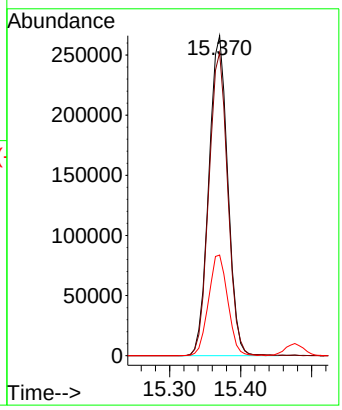




#93
1,2,4-Trichlorobenzene
Concen: 167.266 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:180 Resp: 49223

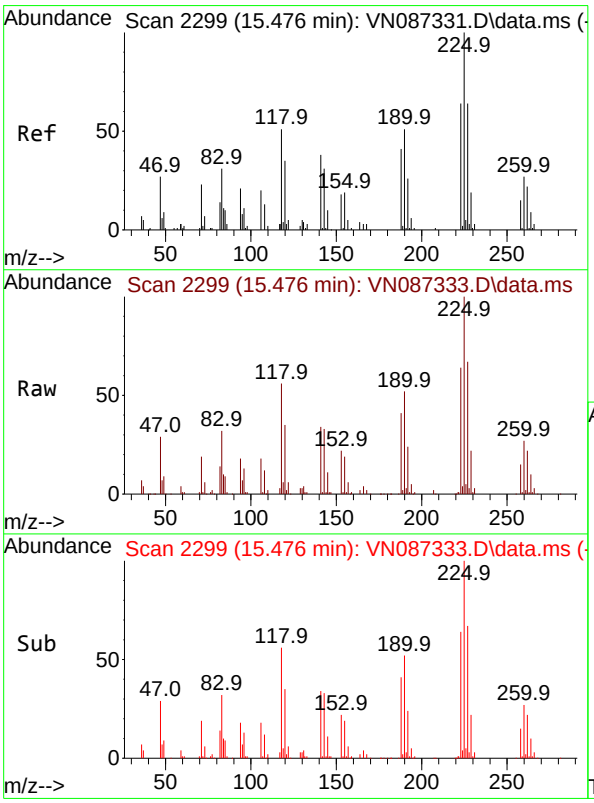
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	32.1	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

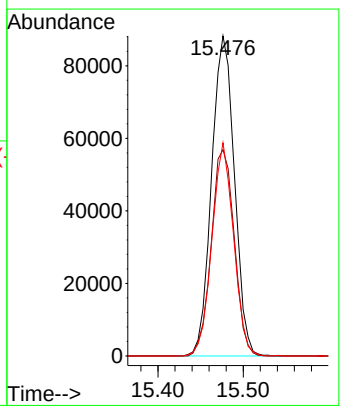
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

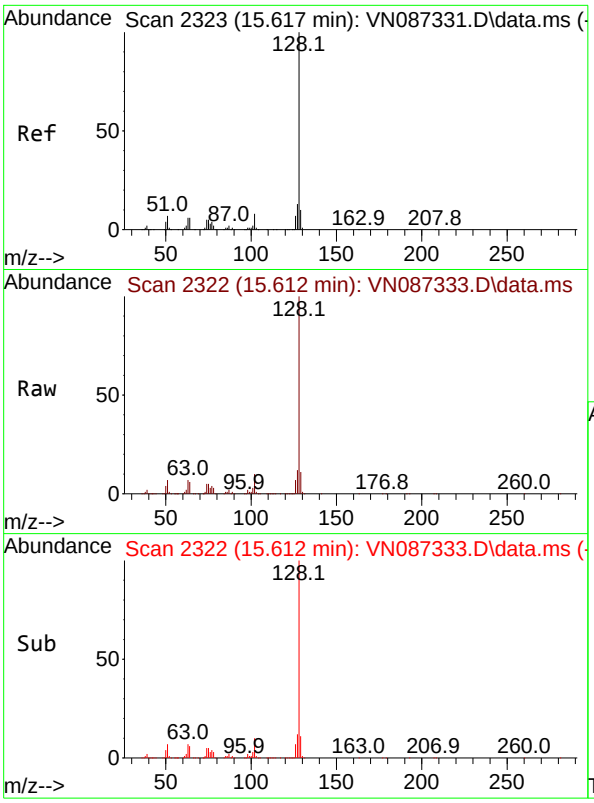


#94
Hexachlorobutadiene
Concen: 149.909 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:225 Resp: 163922

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.1	96.3
227	63.1	31.3	93.9

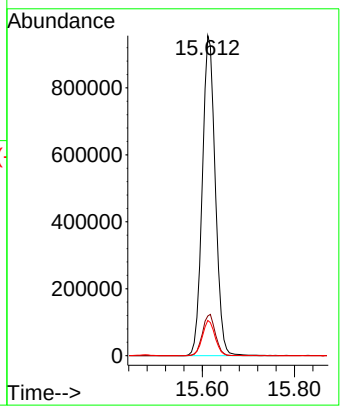




#95
Naphthalene
Concen: 180.370 ug/l
RT: 15.612 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:128 Resp: 188042

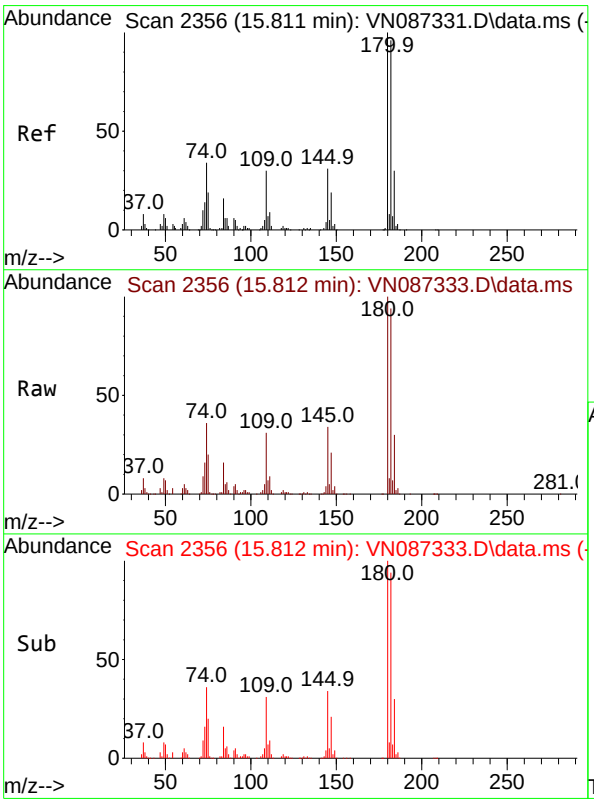
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

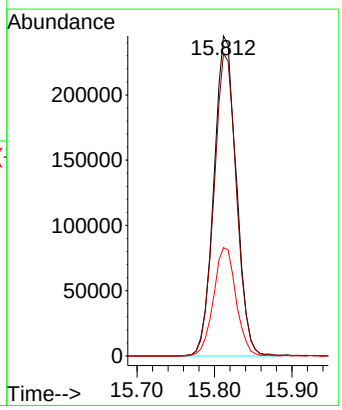
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 166.396 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087333.D
Acq: 16 Jul 2025 18:54

Tgt Ion:180 Resp: 491195

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.4
145	34.2	16.9	50.6



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	198299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	343165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	319692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	166959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	162194	48.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.400%			
35) Dibromofluoromethane	8.153	113	118201	49.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	10.547	98	435474	51.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.829	95	165160	52.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	122218	58.029	ug/l	94
3) Chloromethane	2.383	50	135040	50.986	ug/l	99
4) Vinyl Chloride	2.542	62	141054	53.589	ug/l	93
5) Bromomethane	2.971	94	79496	58.322	ug/l	100
6) Chloroethane	3.130	64	84406	49.172	ug/l	97
7) Trichlorofluoromethane	3.506	101	192022	49.336	ug/l	93
8) Diethyl Ether	3.959	74	76789	50.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	98940	49.520	ug/l	99
10) Methyl Iodide	4.577	142	103627	50.369	ug/l	98
11) Tert butyl alcohol	5.530	59	167953	262.884	ug/l	99
12) 1,1-Dichloroethene	4.330	96	102861	45.432	ug/l	97
13) Acrolein	4.171	56	142098	277.145	ug/l	97
14) Allyl chloride	5.006	41	200790	49.004	ug/l	99
15) Acrylonitrile	5.706	53	437956	252.616	ug/l	99
16) Acetone	4.424	43	375335	237.913	ug/l	100
17) Carbon Disulfide	4.700	76	335264	49.947	ug/l	96
18) Methyl Acetate	5.018	43	194657	49.111	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	425099	50.939	ug/l	94
20) Methylene Chloride	5.265	84	131885	49.445	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	120707	47.283	ug/l	97
22) Diisopropyl ether	6.659	45	439978	51.191	ug/l	97
23) Vinyl Acetate	6.594	43	2052885	273.101	ug/l	98
24) 1,1-Dichloroethane	6.553	63	238854	48.170	ug/l	99
25) 2-Butanone	7.477	43	622581	255.411	ug/l	98
26) 2,2-Dichloropropane	7.477	77	176180	45.700	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	148552	50.543	ug/l	96
28) Bromochloromethane	7.800	49	116494	49.089	ug/l	98
29) Tetrahydrofuran	7.830	42	412353	260.404	ug/l	100
30) Chloroform	7.947	83	239752	48.306	ug/l	100
31) Cyclohexane	8.241	56	202863	49.042	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	212405	49.412	ug/l	99
36) 1,1-Dichloropropene	8.353	75	167912	53.690	ug/l	99
37) Ethyl Acetate	7.553	43	241759	53.525	ug/l	99
38) Carbon Tetrachloride	8.347	117	181974	52.821	ug/l	90
39) Methylcyclohexane	9.582	83	179820	53.109	ug/l	96
40) Benzene	8.588	78	529446	52.380	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	127286	53.895	ug/l		98
42) 1,2-Dichloroethane	8.653	62	194804	50.821	ug/l		98
43) Isopropyl Acetate	8.677	43	374957	53.477	ug/l		100
44) Trichloroethene	9.335	130	118775	49.731	ug/l		95
45) 1,2-Dichloropropane	9.606	63	135864	52.900	ug/l		99
46) Dibromomethane	9.688	93	98534	51.241	ug/l		98
47) Bromodichloromethane	9.871	83	200236	51.696	ug/l		97
48) Methyl methacrylate	9.665	41	177068	56.096	ug/l		99
49) 1,4-Dioxane	9.682	88	56917	1177.300	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.429	43	1192765	268.966	ug/l		99
52) Toluene	10.612	92	320922	52.236	ug/l		97
53) t-1,3-Dichloropropene	10.818	75	214141	54.628	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	216023	53.351	ug/l		96
55) 1,1,2-Trichloroethane	11.000	97	124090	49.889	ug/l		97
56) Ethyl methacrylate	10.859	69	222410	53.042	ug/l		98
57) 1,3-Dichloropropane	11.147	76	224493	52.202	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	581689	285.088	ug/l		99
59) 2-Hexanone	11.176	43	849057	288.579	ug/l		100
60) Dibromochloromethane	11.341	129	149449	52.685	ug/l		100
61) 1,2-Dibromoethane	11.447	107	135330	51.746	ug/l		94
64) Tetrachloroethene	11.082	164	98391	47.819	ug/l		97
65) Chlorobenzene	11.870	112	347934	48.477	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	123321	50.530	ug/l		99
67) Ethyl Benzene	11.947	91	608779	51.523	ug/l		99
68) m/p-Xylenes	12.053	106	465762	105.269	ug/l		97
69) o-Xylene	12.376	106	224934	53.221	ug/l		99
70) Styrene	12.394	104	387319	54.477	ug/l		98
71) Bromoform	12.559	173	102502	51.987	ug/l	#	99
73) Isopropylbenzene	12.676	105	573938	54.619	ug/l		100
74) N-amyl acetate	12.494	43	218170m	49.972	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	203947	51.580	ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	175797m	46.955	ug/l		
77) Bromobenzene	12.959	156	142714	52.368	ug/l		99
78) n-propylbenzene	13.012	91	709437	53.661	ug/l		99
79) 2-Chlorotoluene	13.106	91	426373	52.475	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	484100	54.071	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.717	75	69894	51.080	ug/l		97
82) 4-Chlorotoluene	13.200	91	443817	52.464	ug/l		99
83) tert-Butylbenzene	13.417	119	413882	55.349	ug/l		98
84) 1,2,4-Trimethylbenzene	13.459	105	500792	54.773	ug/l		99
85) sec-Butylbenzene	13.594	105	594712	52.800	ug/l		98
86) p-Isopropyltoluene	13.706	119	496291	54.982	ug/l		99
87) 1,3-Dichlorobenzene	13.712	146	277102	51.809	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	282084	49.381	ug/l		99
89) n-Butylbenzene	14.035	91	458964	53.250	ug/l		99
90) Hexachloroethane	14.312	117	93464	48.870	ug/l		95
91) 1,2-Dichlorobenzene	14.088	146	260874	51.485	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	50904	49.035	ug/l		97
93) 1,2,4-Trichlorobenzene	15.370	180	155818	52.351	ug/l		99
94) Hexachlorobutadiene	15.476	225	55599	50.273	ug/l		98
95) Naphthalene	15.617	128	586097	55.585	ug/l		98
96) 1,2,3-Trichlorobenzene	15.811	180	157909	52.890	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

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

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

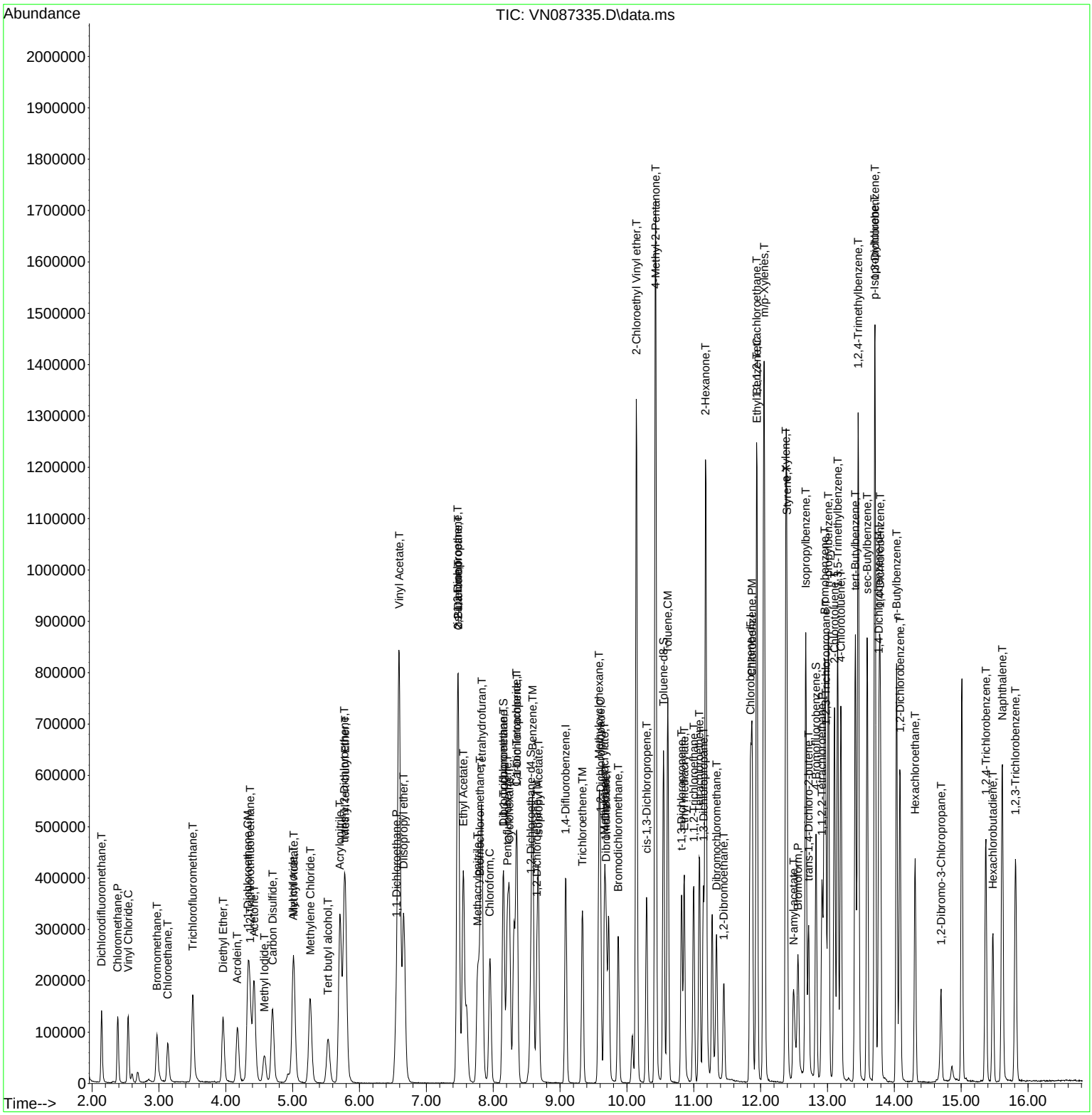
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

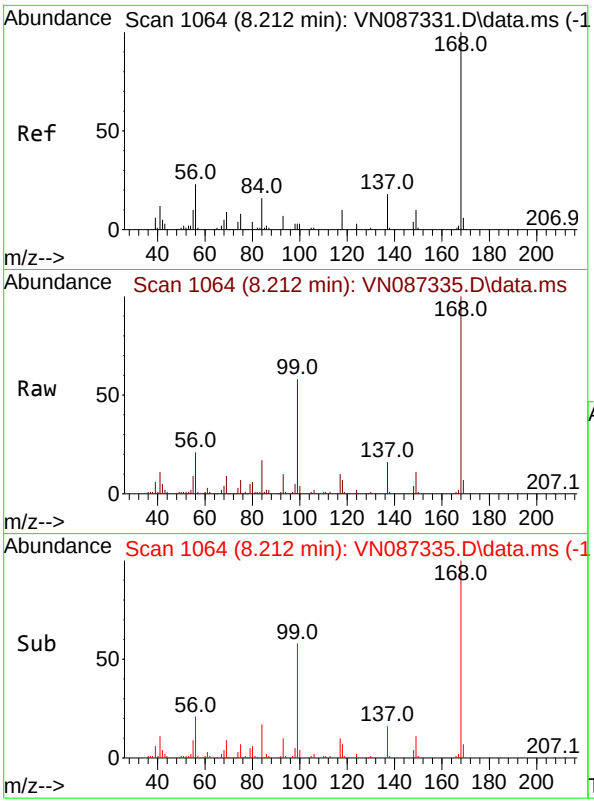
Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

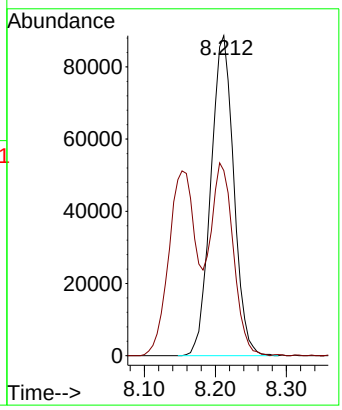




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:168 Resp: 19829

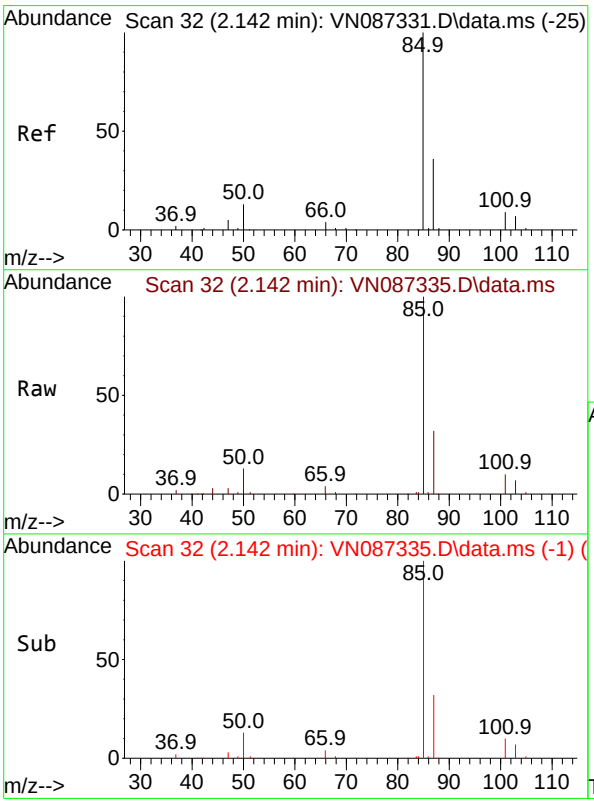
Ion	Ratio	Lower	Upper
168	100		
99	57.5	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

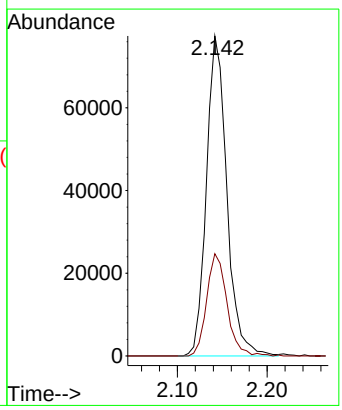
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

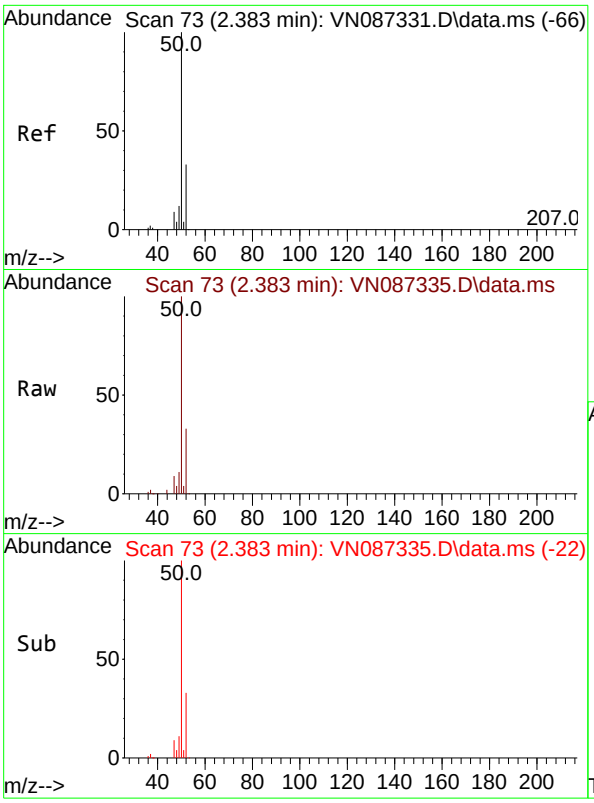


#2
Dichlorodifluoromethane
Concen: 58.029 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 85 Resp: 122218

Ion	Ratio	Lower	Upper
85	100		
87	32.0	17.8	53.3

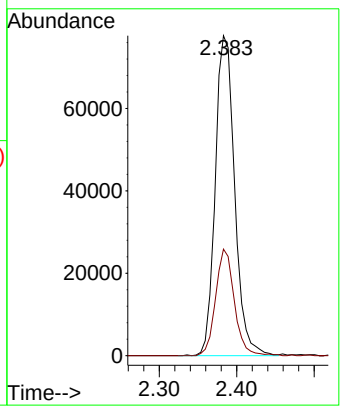




#3
Chloromethane
Concen: 50.986 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 50 Resp: 13504

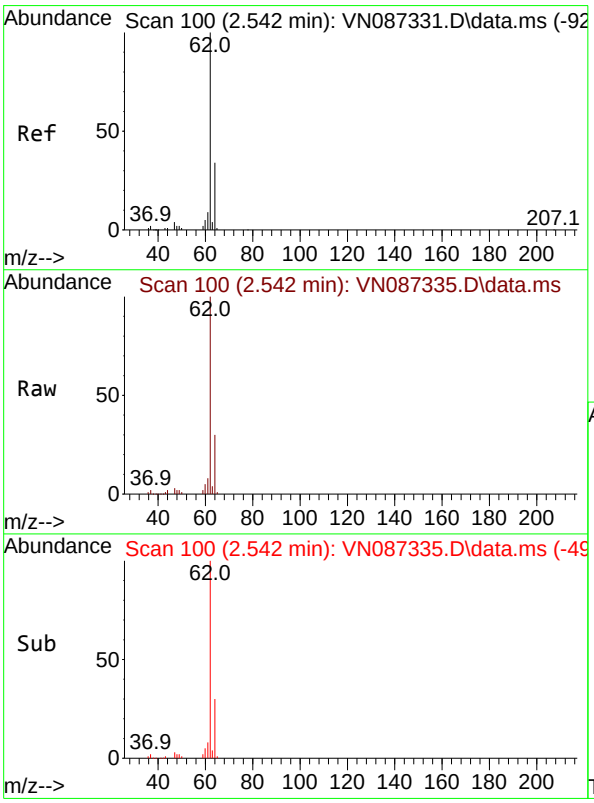
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

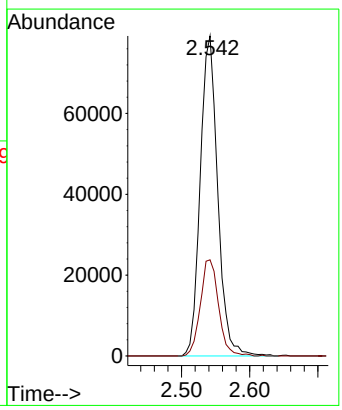
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

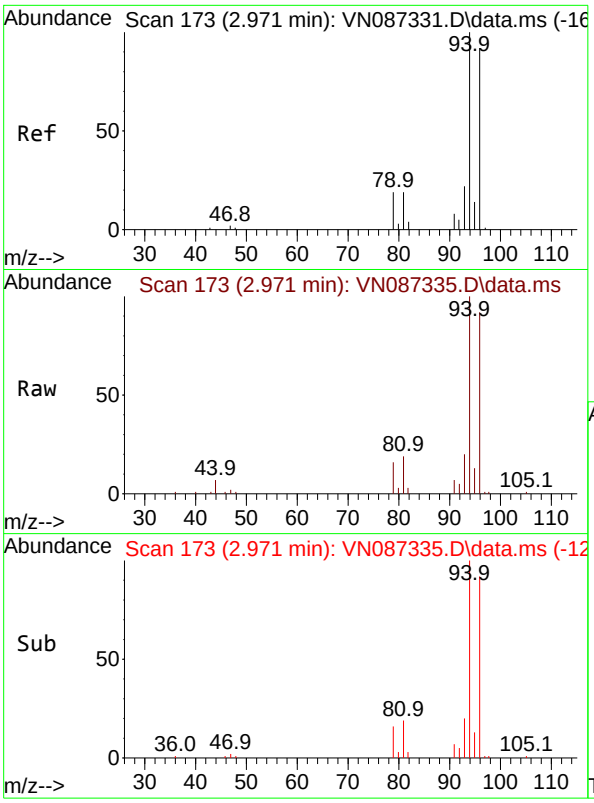


#4
Vinyl Chloride
Concen: 53.589 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 62 Resp: 141054

Ion	Ratio	Lower	Upper
62	100		
64	30.0	27.0	40.6

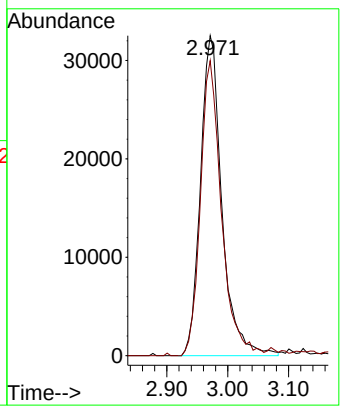




#5
Bromomethane
Concen: 58.322 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 94 Resp: 7949

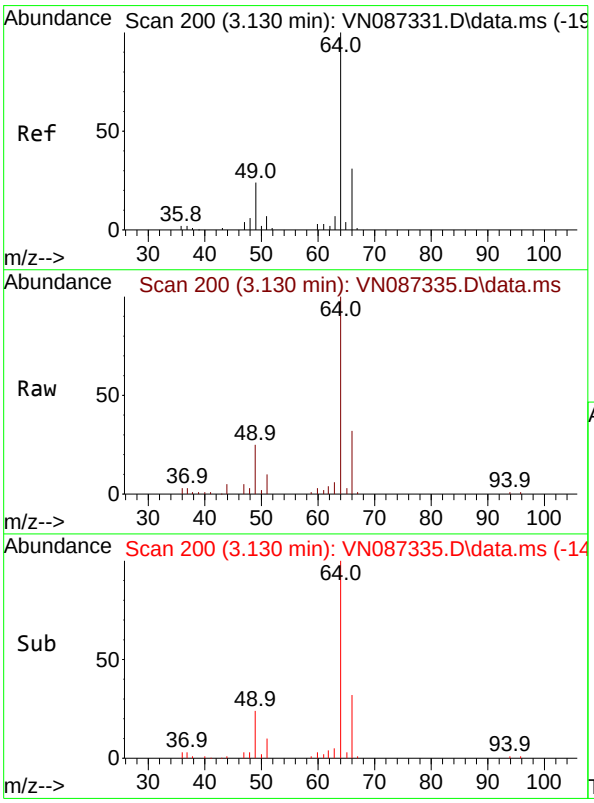
Ion	Ratio	Lower	Upper
94	100		
96	92.2	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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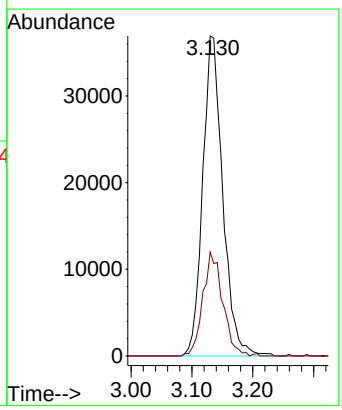
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

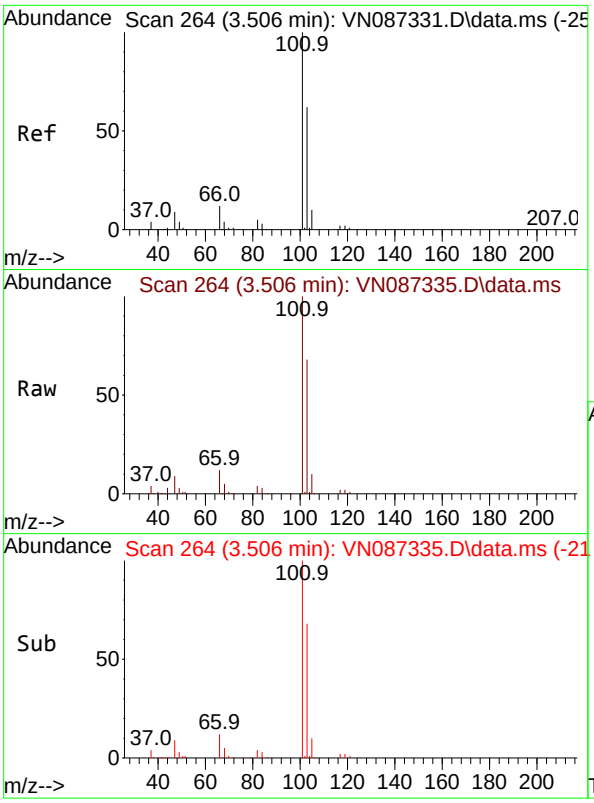


#6
Chloroethane
Concen: 49.172 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 64 Resp: 84406

Ion	Ratio	Lower	Upper
64	100		
66	32.5	24.6	36.8

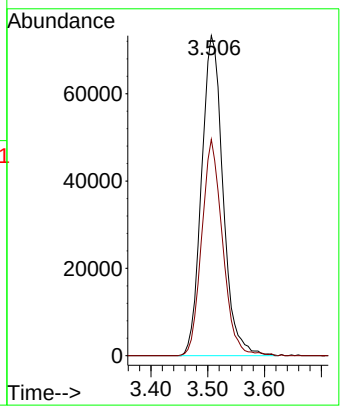




#7
Trichlorofluoromethane
Concen: 49.336 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:101 Resp: 19202

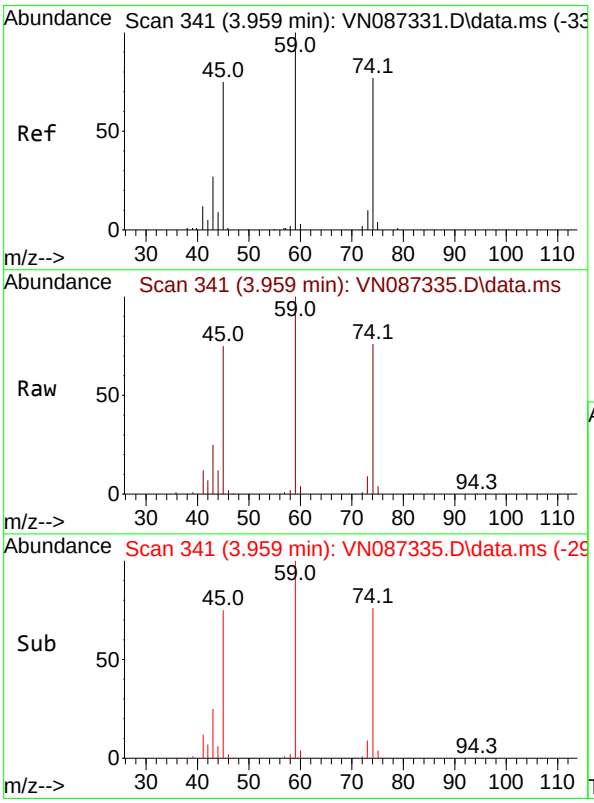
Ion	Ratio	Lower	Upper
101	100		
103	67.6	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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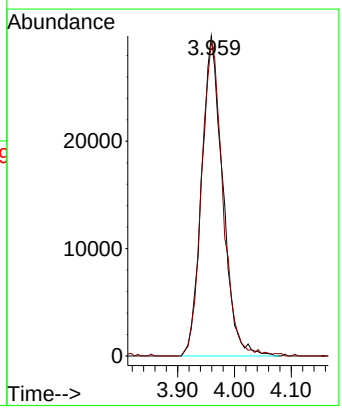
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

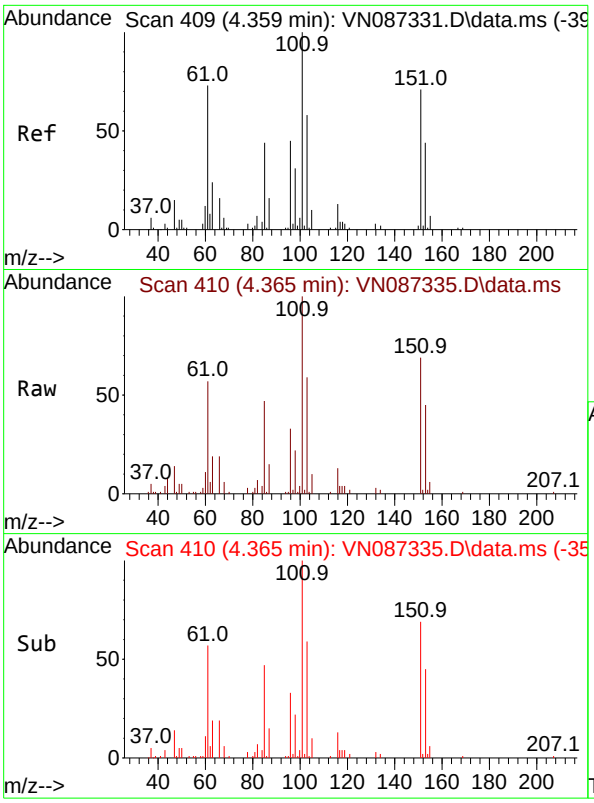


#8
Diethyl Ether
Concen: 50.861 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 74 Resp: 76789

Ion	Ratio	Lower	Upper
74	100		
45	99.6	50.8	152.5

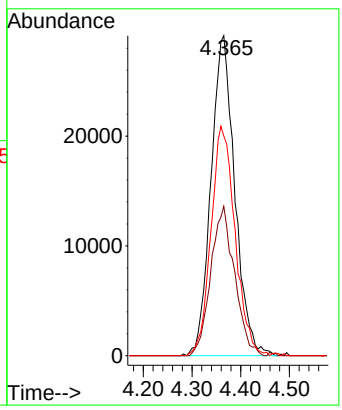




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.520 ug/l
RT: 4.365 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:101 Resp: 9894

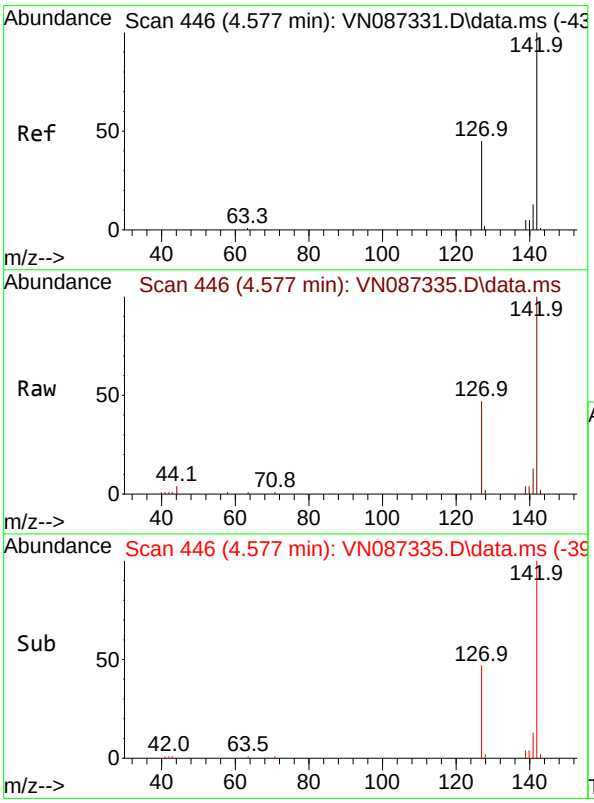
Ion	Ratio	Lower	Upper
101	100		
85	46.6	37.3	55.9
151	72.5	58.9	88.3



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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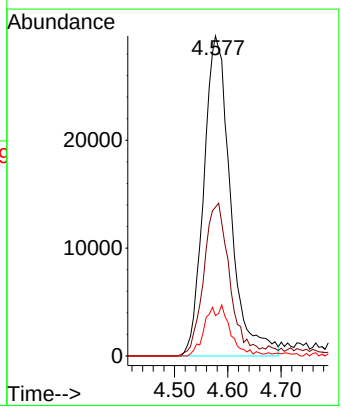
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

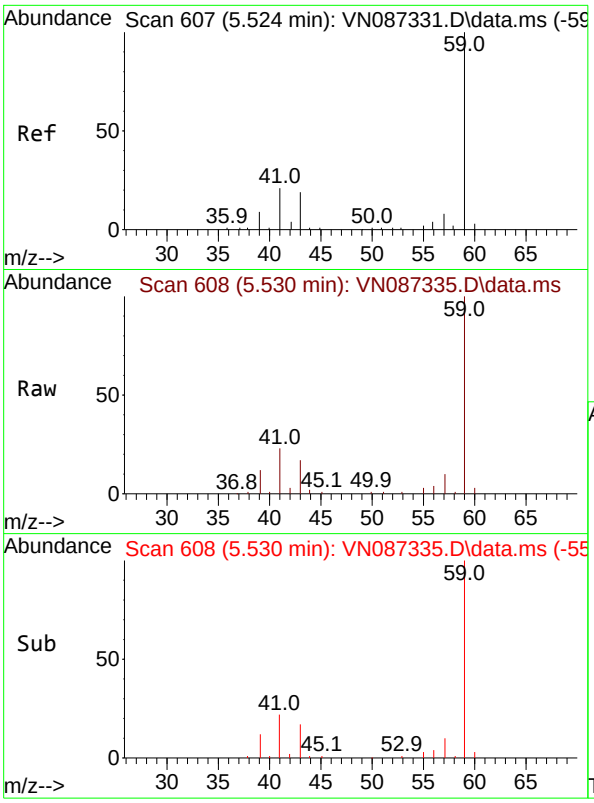


#10
Methyl Iodide
Concen: 50.369 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:142 Resp: 103627

Ion	Ratio	Lower	Upper
142	100		
127	46.5	35.7	53.5
141	12.6	10.4	15.6





#11
Tert butyl alcohol
Concen: 262.884 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

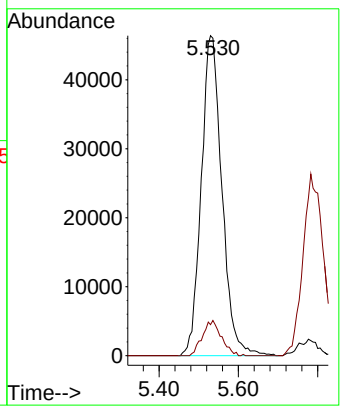
Tgt Ion: 59 Resp: 16795

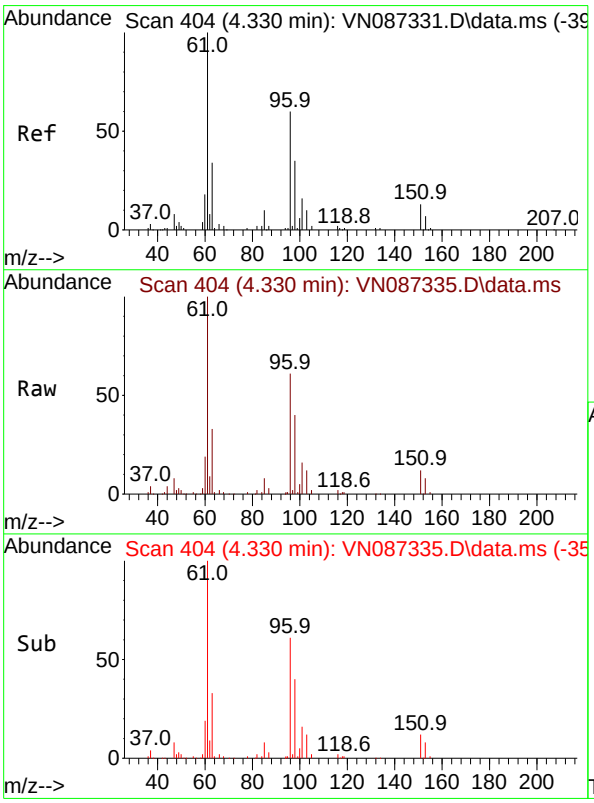
Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

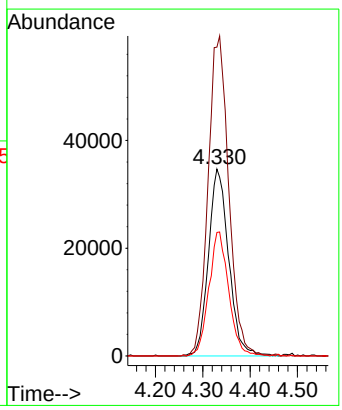


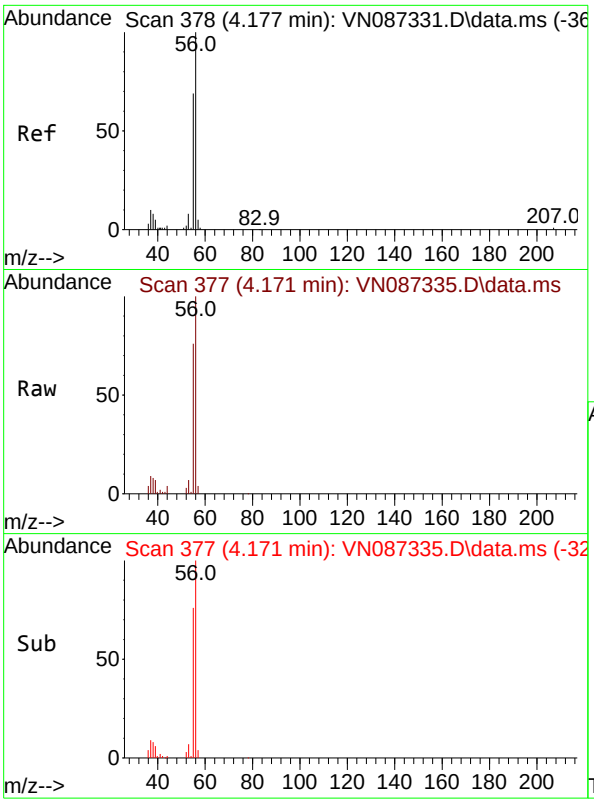


#12
1,1-Dichloroethene
Concen: 45.432 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 96 Resp: 102861

Ion	Ratio	Lower	Upper
96	100		
61	165.3	132.3	198.5
98	66.1	46.8	70.2

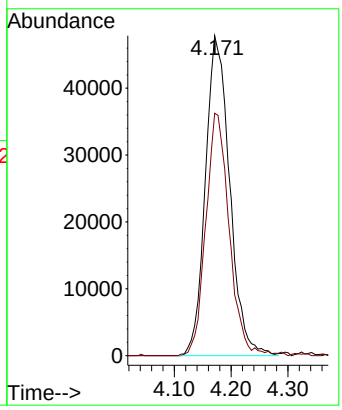




#13
Acrolein
Concen: 277.145 ug/l
RT: 4.171 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 56 Resp: 14209

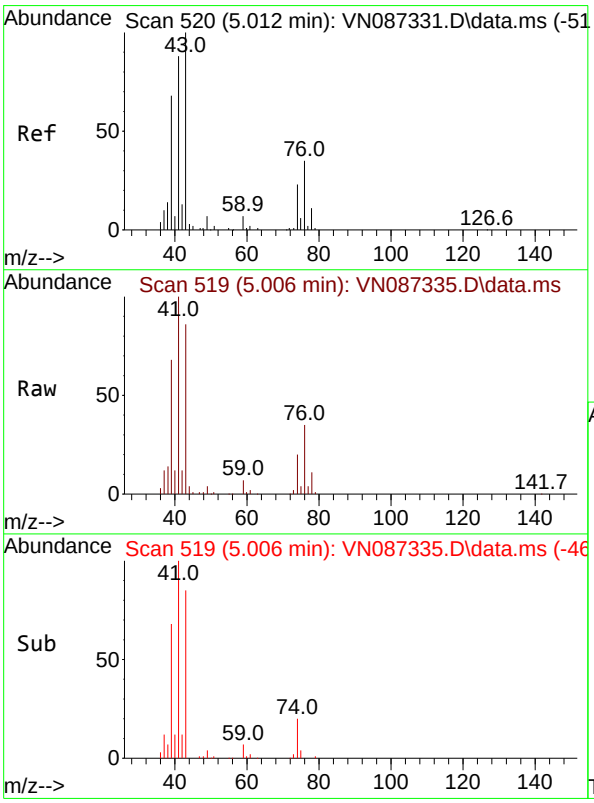
Ion	Ratio	Lower	Upper
56	100		
55	72.9	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

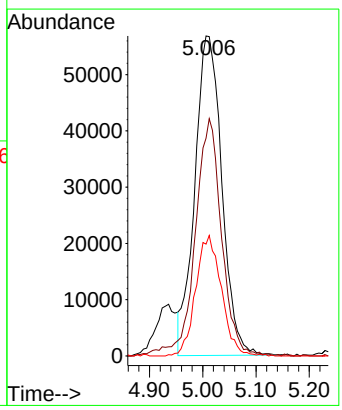
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

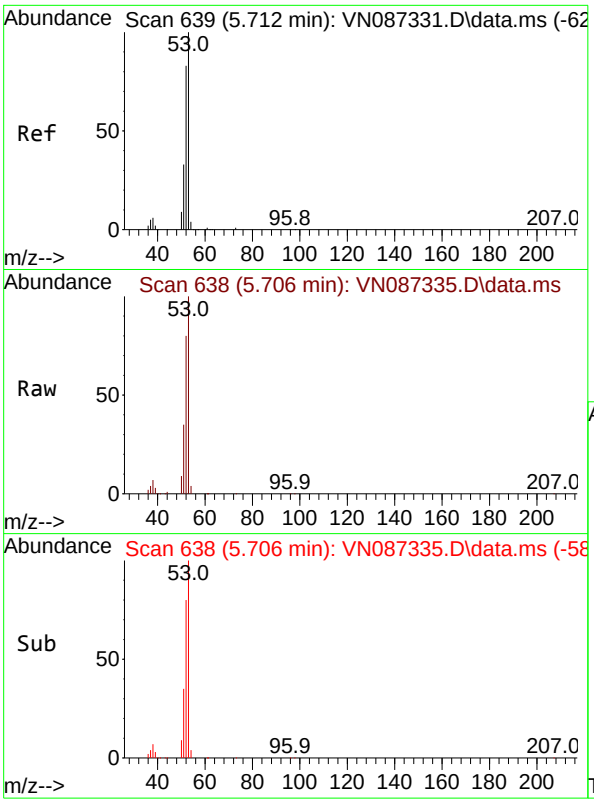


#14
Allyl chloride
Concen: 49.004 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 41 Resp: 200790

Ion	Ratio	Lower	Upper
41	100		
39	72.4	59.0	88.6
76	35.6	28.7	43.1

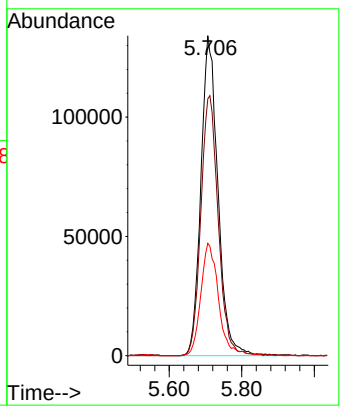




#15
Acrylonitrile
Concen: 252.616 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 53 Resp: 43795

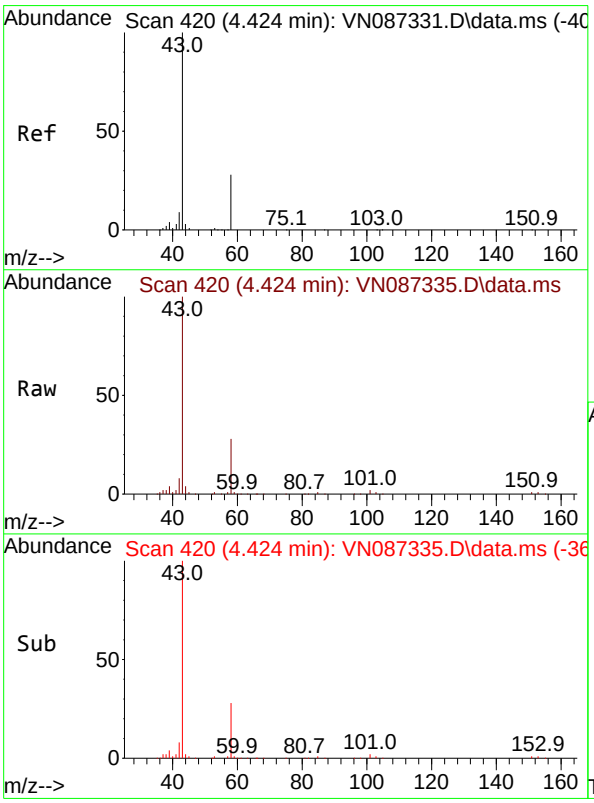
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.5	98.3
51	36.6	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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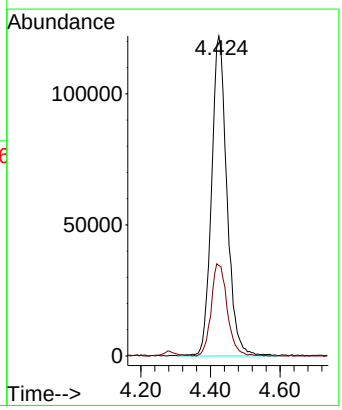
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

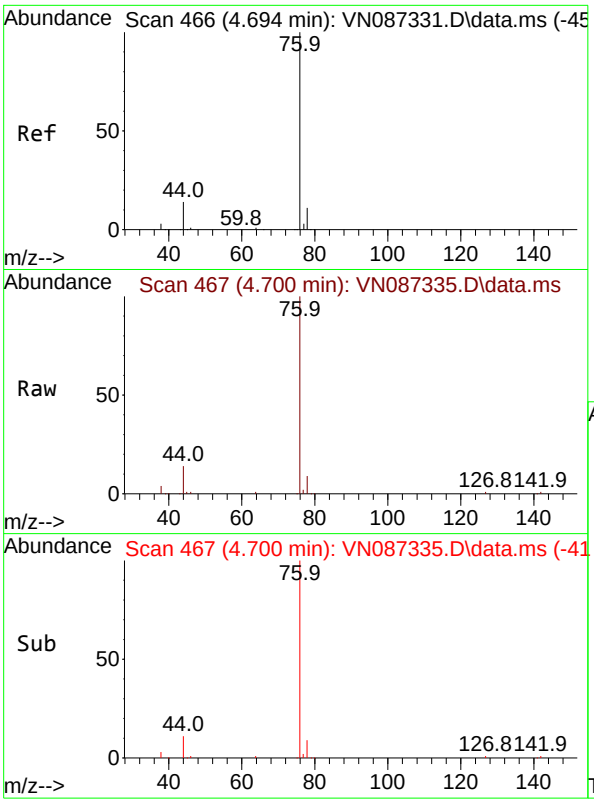


#16
Acetone
Concen: 237.913 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 375335

Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.3	33.5

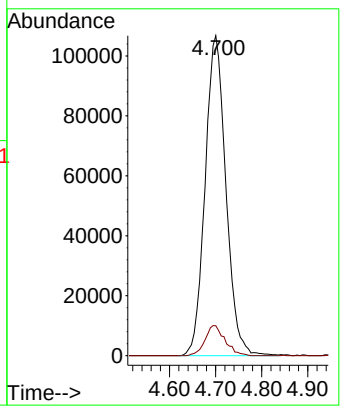




#17
Carbon Disulfide
Concen: 49.947 ug/l
RT: 4.700 min Scan# 4(
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 76 Resp: 33526

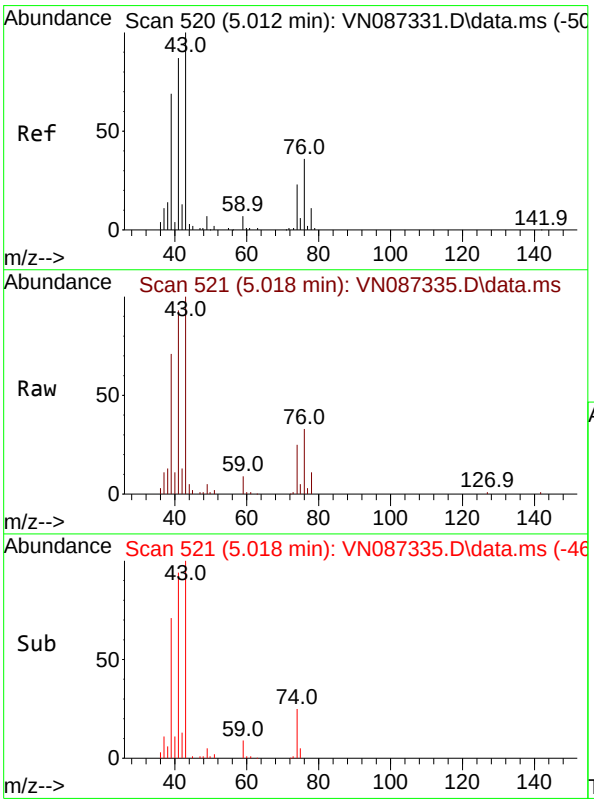
Ion	Ratio	Lower	Upper
76	100		
78	9.3	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

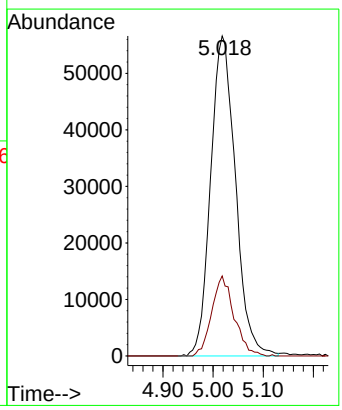
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

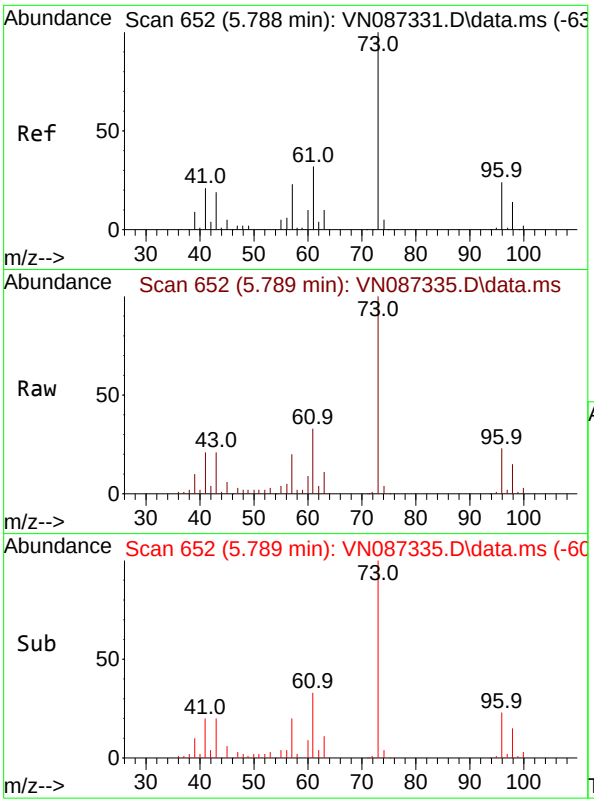


#18
Methyl Acetate
Concen: 49.111 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 194657

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.6

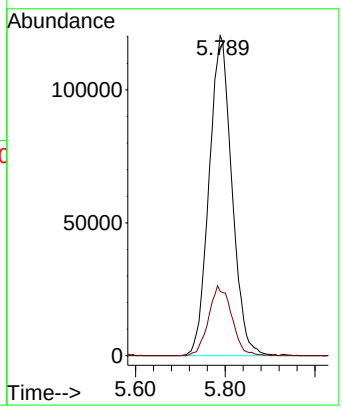




#19
Methyl tert-butyl Ether
Concen: 50.939 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 73 Resp: 42509

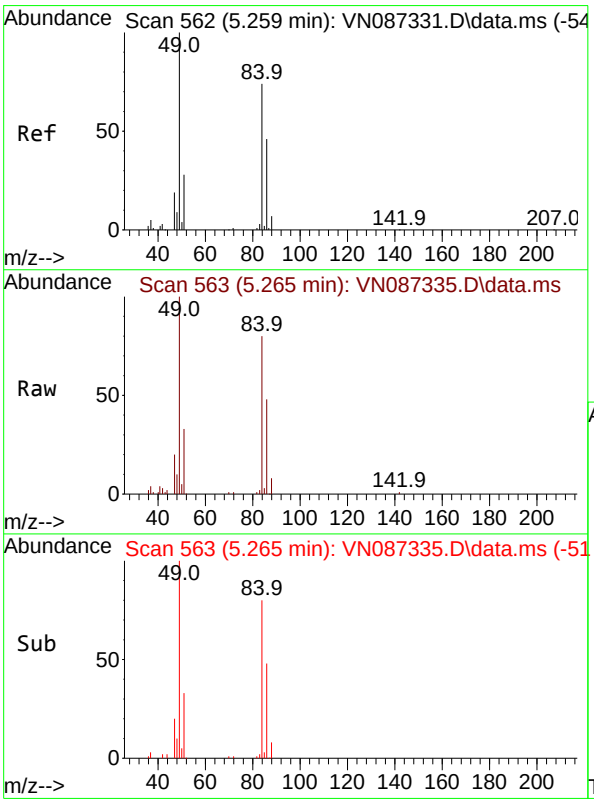
Ion	Ratio	Lower	Upper
73	100		
57	20.2	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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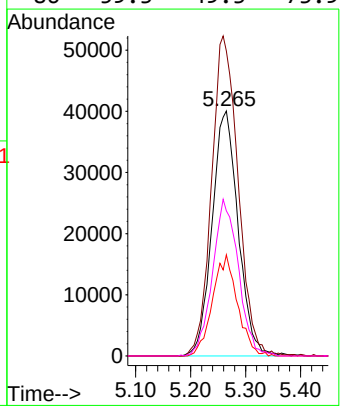
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

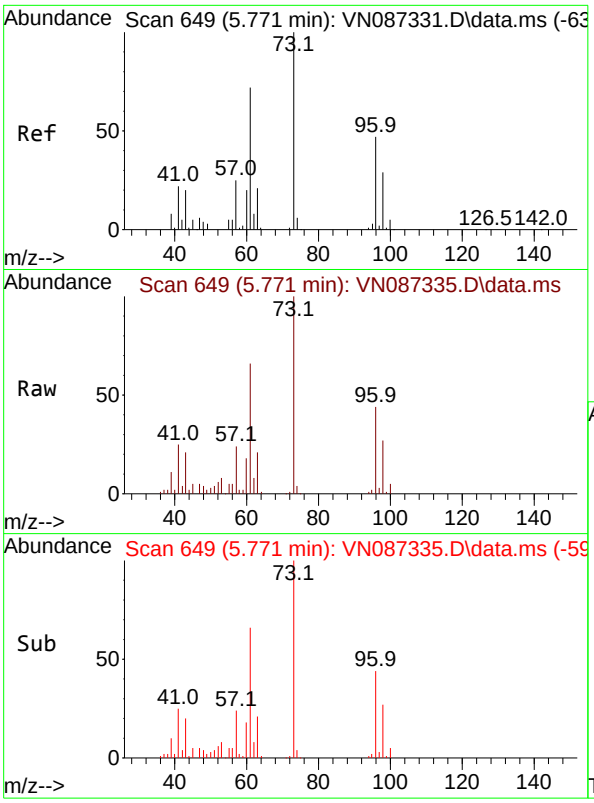


#20
Methylene Chloride
Concen: 49.445 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 84 Resp: 131885

Ion	Ratio	Lower	Upper
84	100		
49	124.5	107.5	161.3
51	41.3	30.2	45.2
86	59.3	49.3	73.9

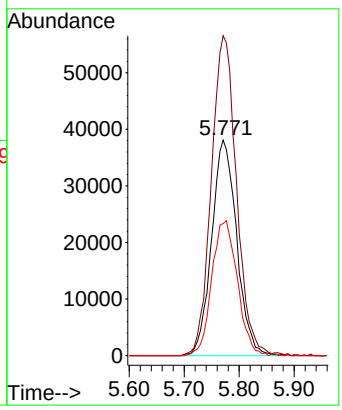




#21
trans-1,2-Dichloroethene
Concen: 47.283 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 96 Resp: 12070

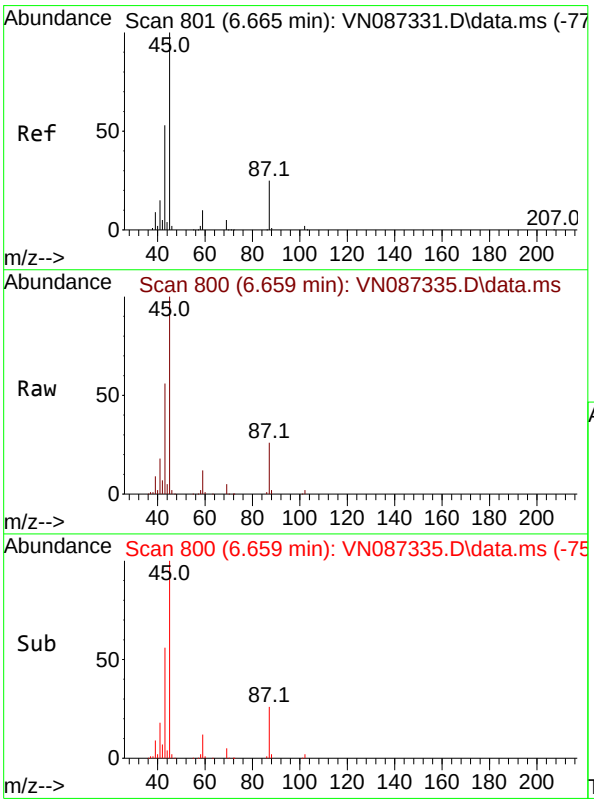
Ion	Ratio	Lower	Upper
96	100		
61	148.5	122.0	183.0
98	61.3	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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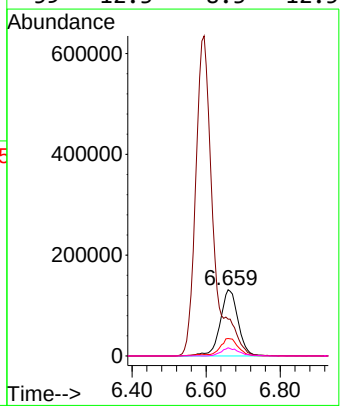
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

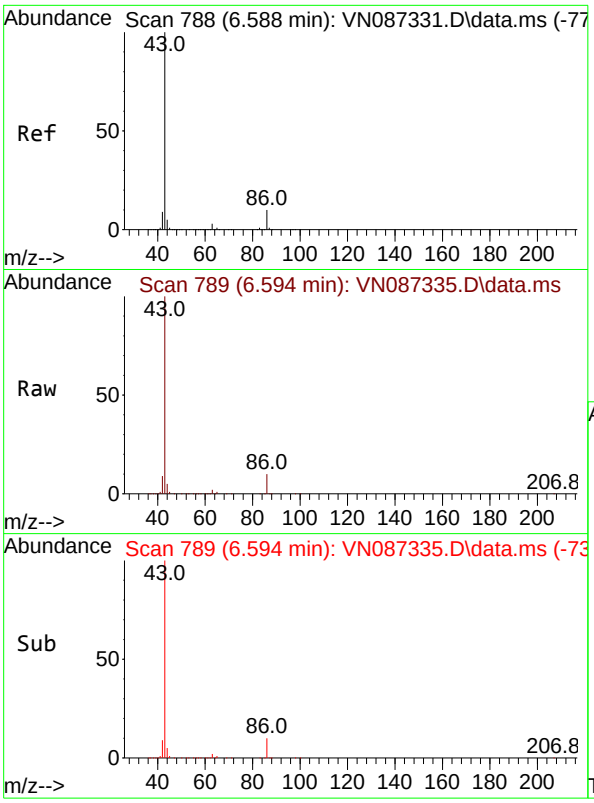


#22
Diisopropyl ether
Concen: 51.191 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 45 Resp: 439978

Ion	Ratio	Lower	Upper
45	100		
43	55.2	42.8	64.2
87	26.3	19.8	29.6
59	12.3	8.3	12.5

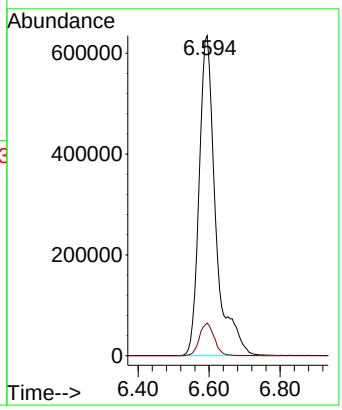




#23
Vinyl Acetate
Concen: 273.101 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 205288

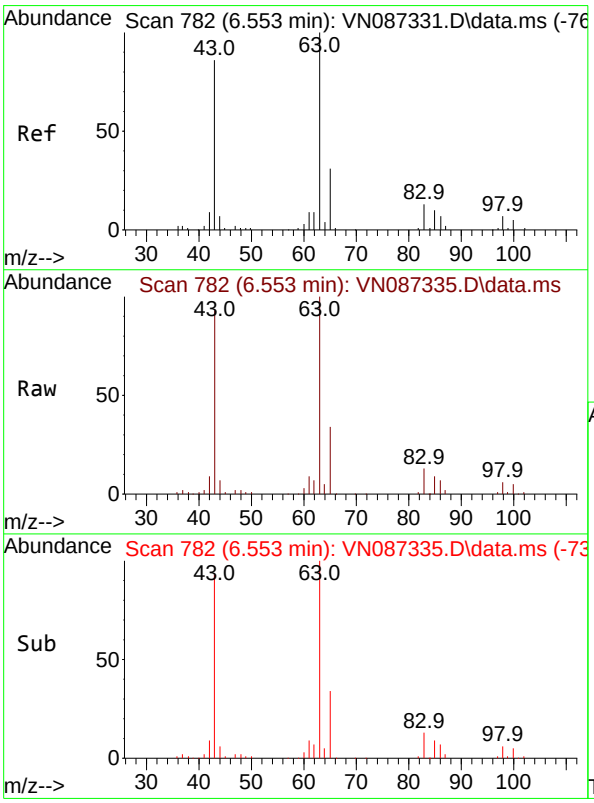
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

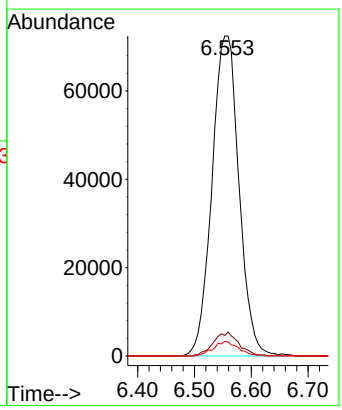
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

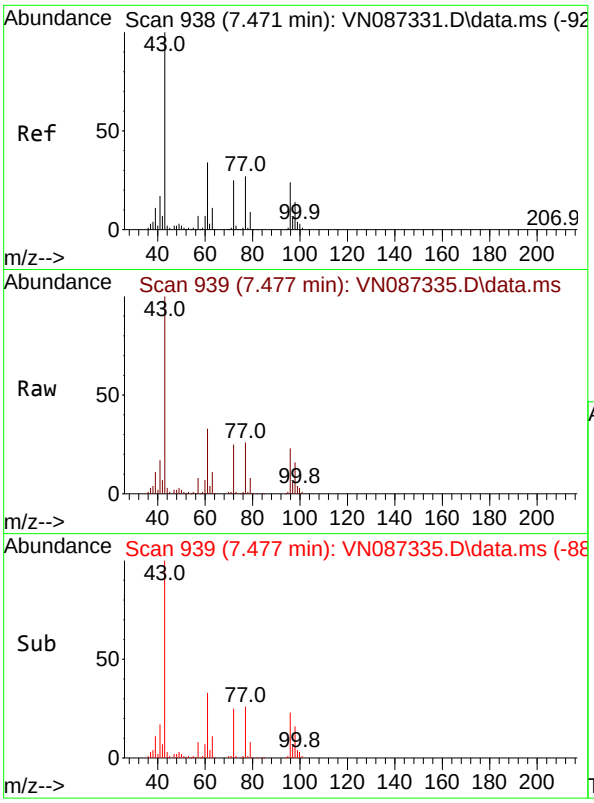


#24
1,1-Dichloroethane
Concen: 48.170 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 63 Resp: 238854

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.3	9.9
100	4.6	2.5	7.4

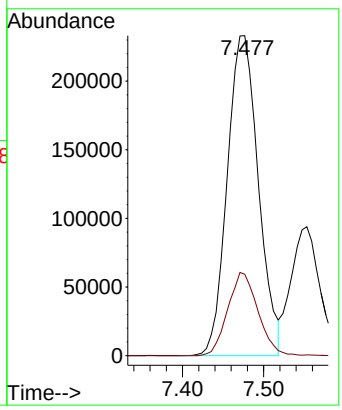




#25
2-Butanone
Concen: 255.411 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 62258

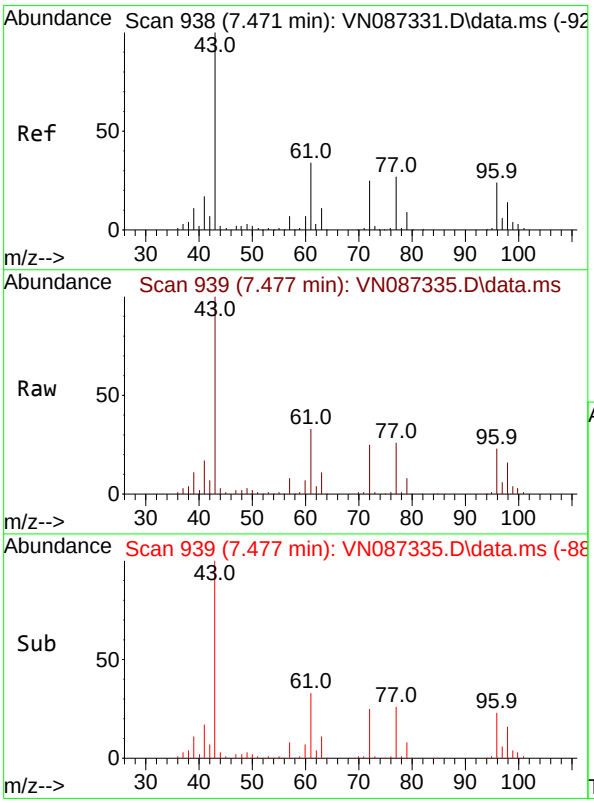
Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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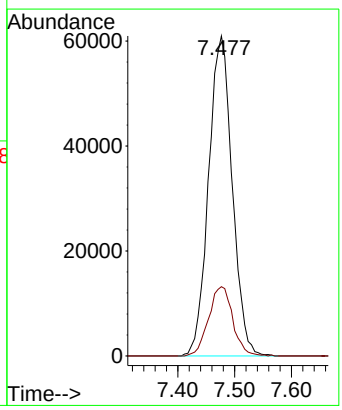
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

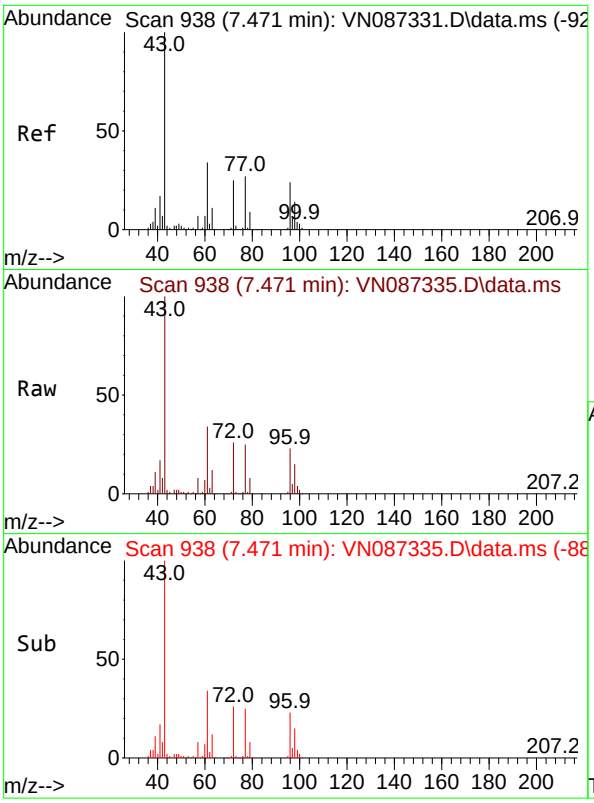


#26
2,2-Dichloropropane
Concen: 45.700 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 77 Resp: 176180

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.1

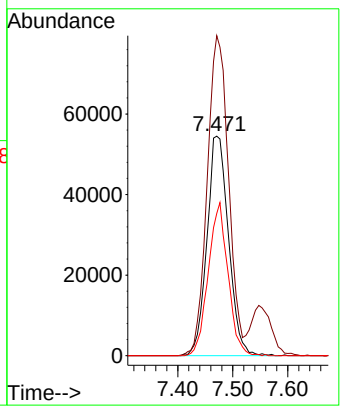




#27
cis-1,2-Dichloroethene
Concen: 50.543 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 96 Resp: 14855

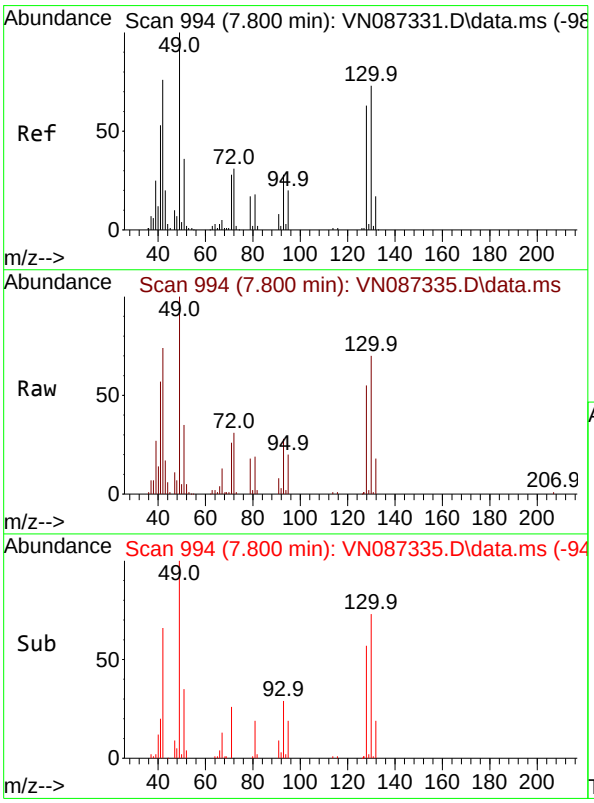
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	297.8
98	63.7	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

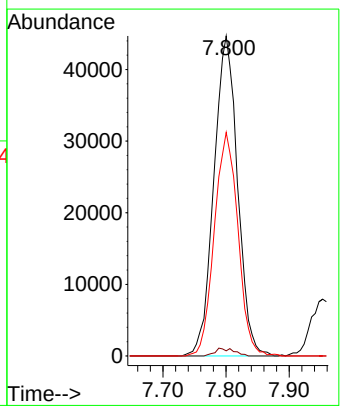
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

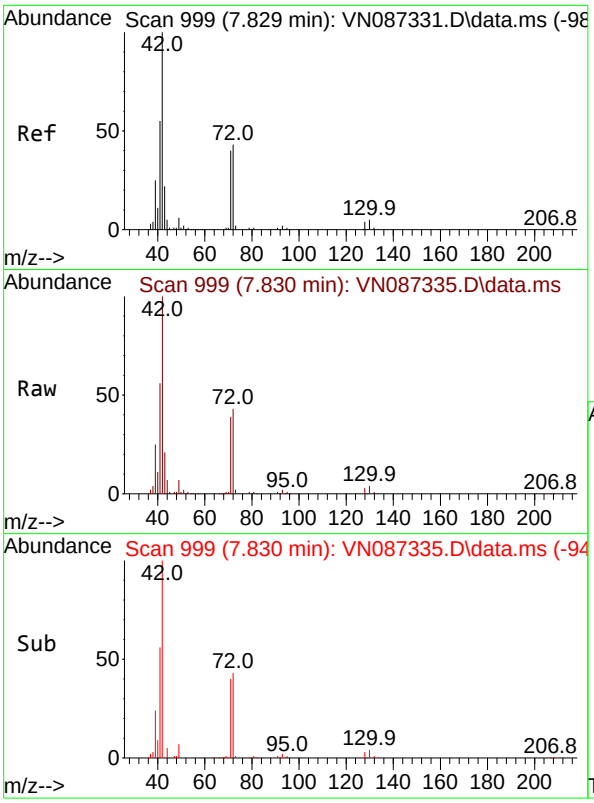


#28
Bromochloromethane
Concen: 49.089 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 49 Resp: 116494

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	69.6	57.3	85.9

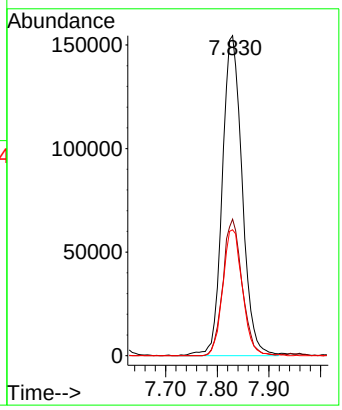




#29
Tetrahydrofuran
Concen: 260.404 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 42 Resp: 41235

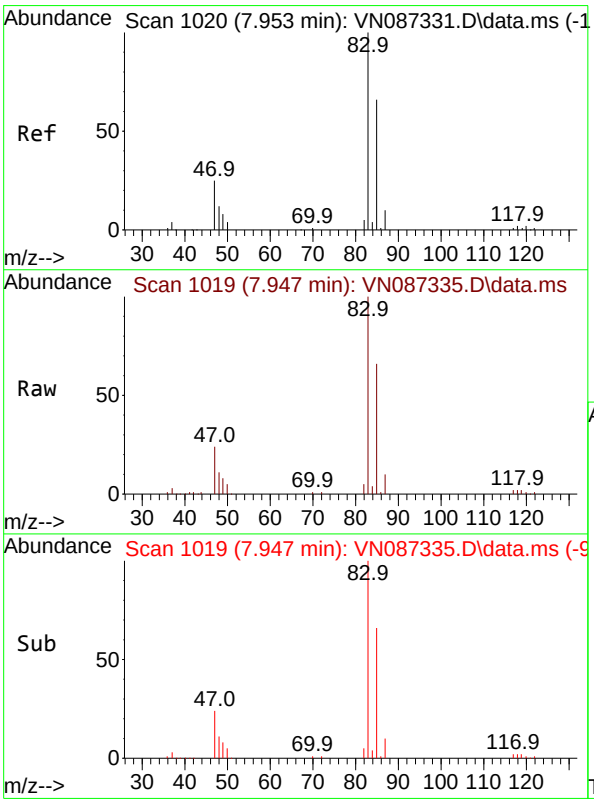
Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.4	50.0
71	38.9	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

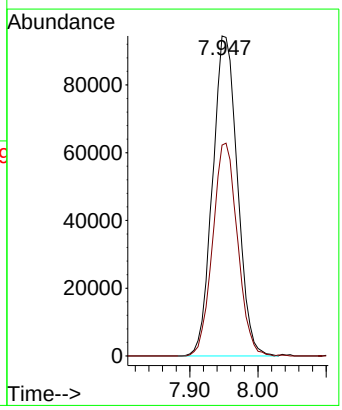
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

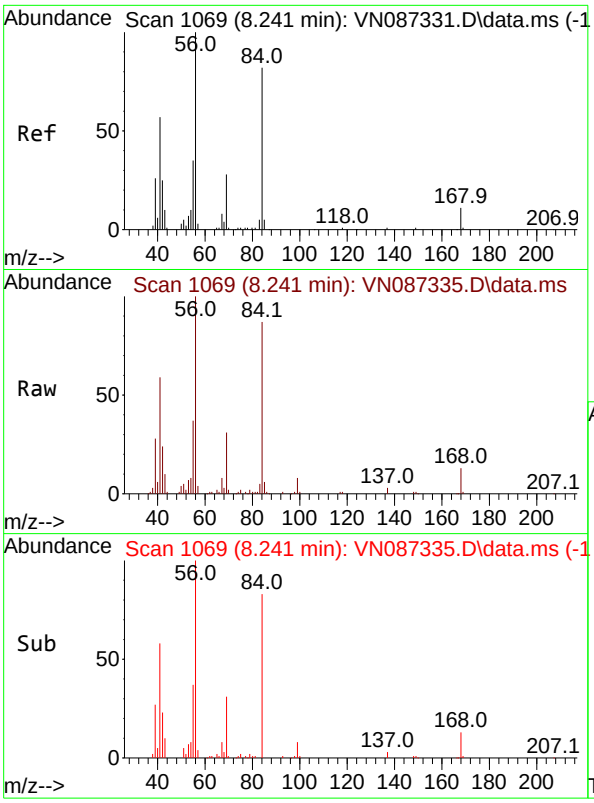


#30
Chloroform
Concen: 48.306 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 83 Resp: 239752

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1

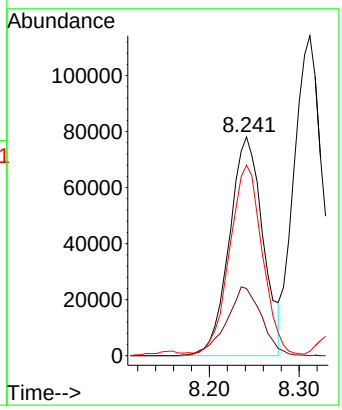




#31
Cyclohexane
Concen: 49.042 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 56 Resp: 20286

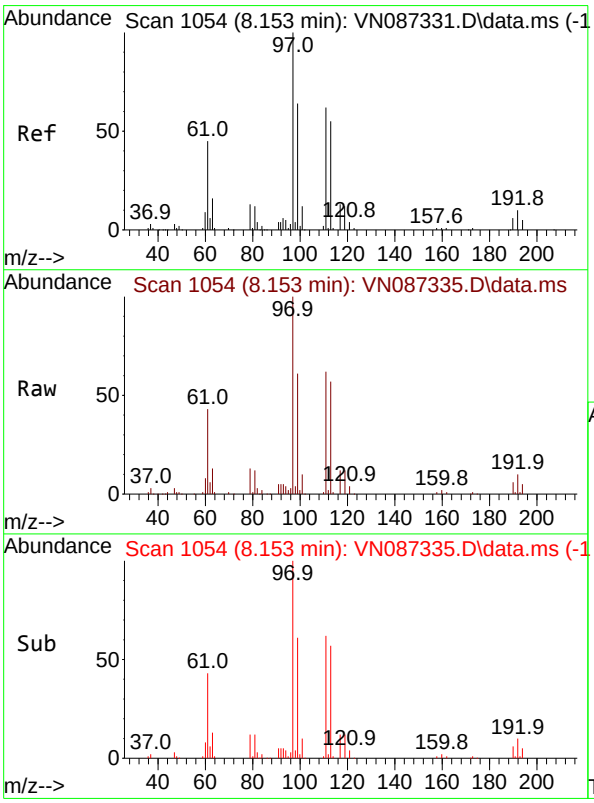
Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.7	34.1
84	85.9	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

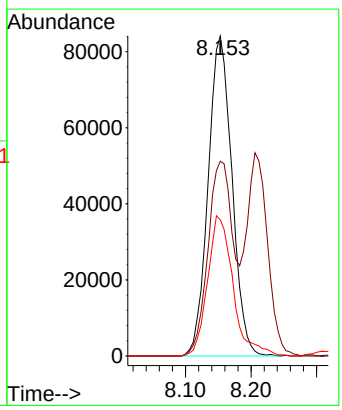
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

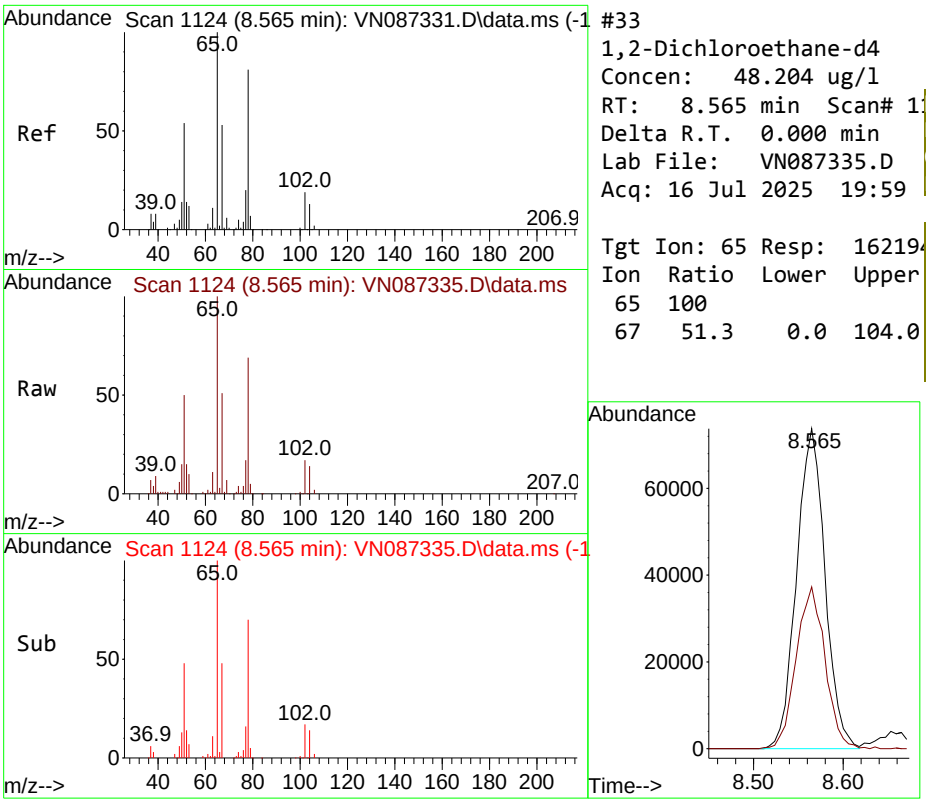


#32
1,1,1-Trichloroethane
Concen: 49.412 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 97 Resp: 212405

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	46.8	38.7	58.1





#33
1,2-Dichloroethane-d4
Concen: 48.204 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

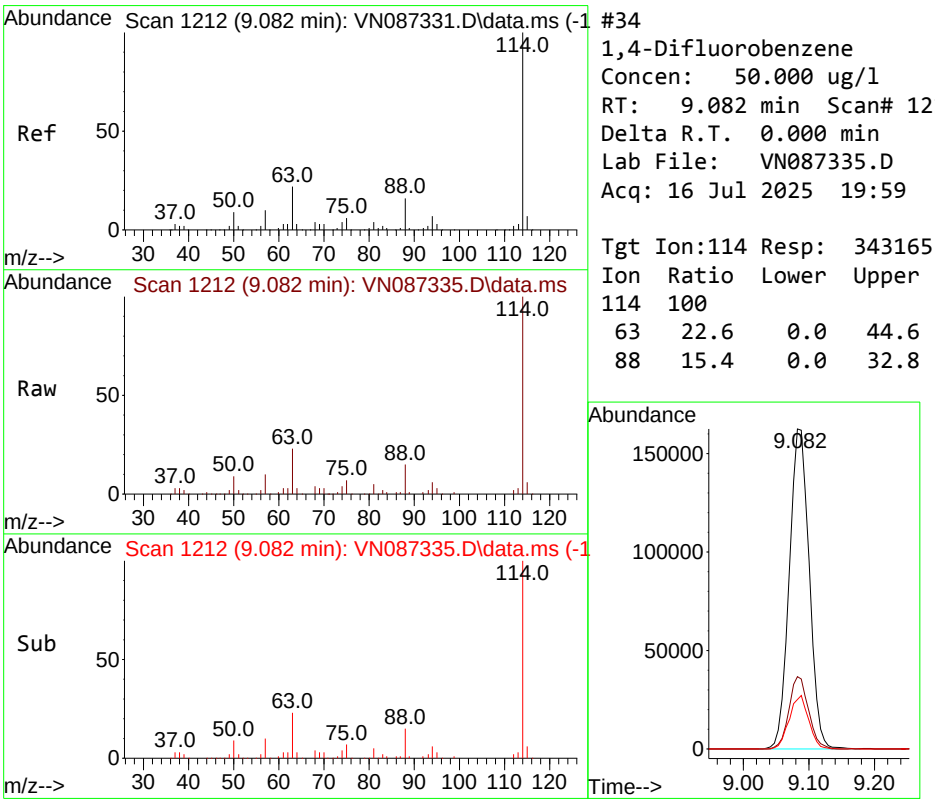
Tgt Ion: 65 Resp: 16219

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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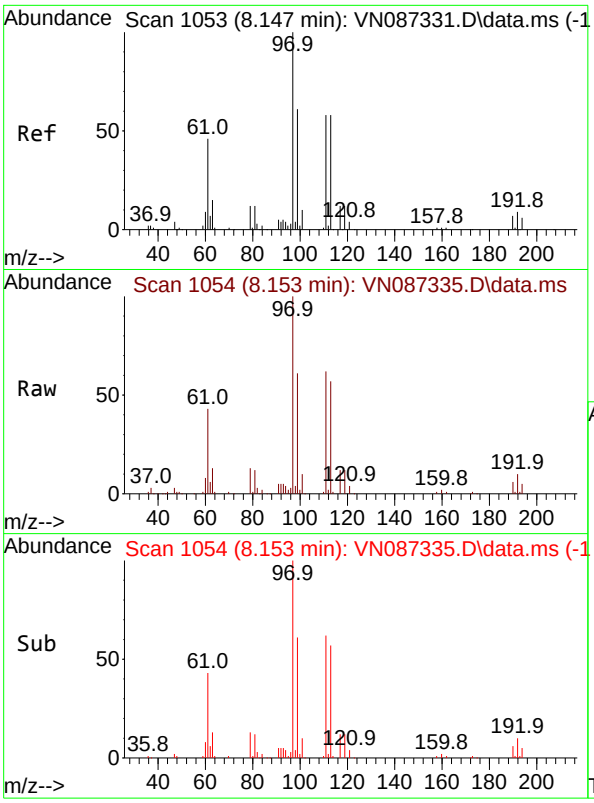
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:114 Resp: 343165

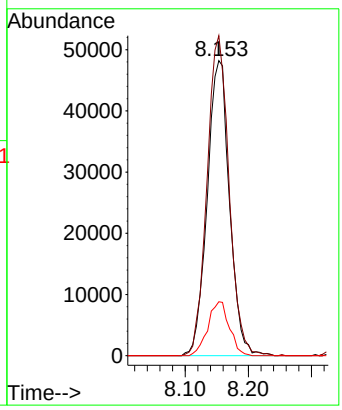
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.6
88	15.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:113 Resp: 11820

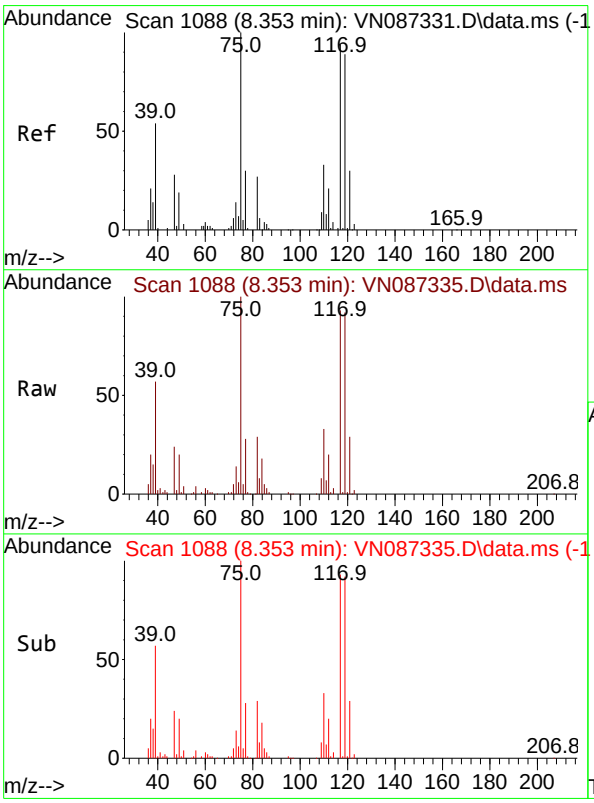
Ion	Ratio	Lower	Upper
113	100		
111	107.2	82.5	123.7
192	17.6	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

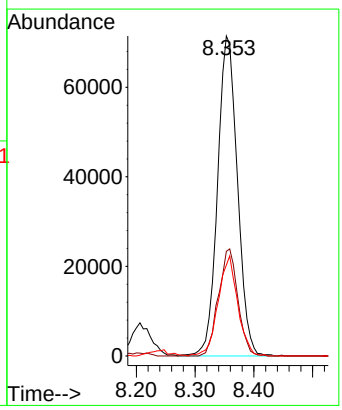
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

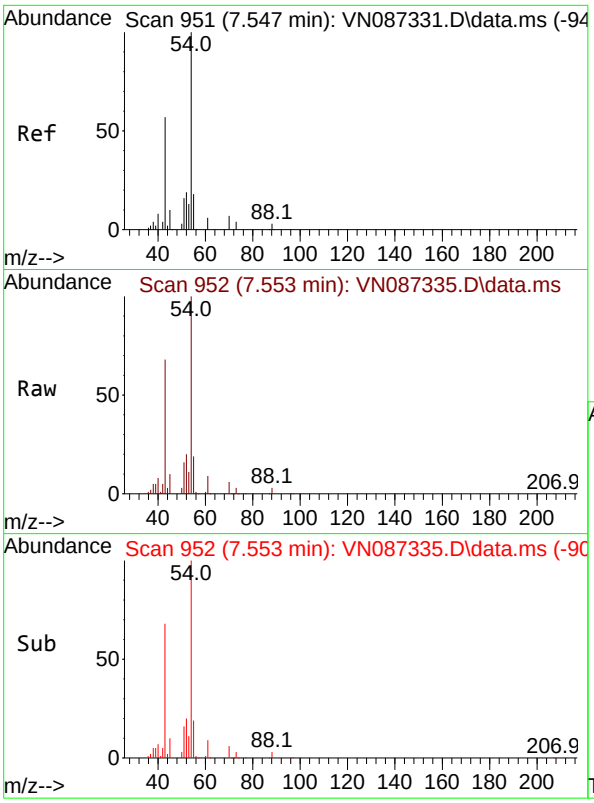


#36
1,1-Dichloropropene
Concen: 53.690 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 167912

Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.7	50.1
77	30.7	25.2	37.8





#37
Ethyl Acetate
Concen: 53.525 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

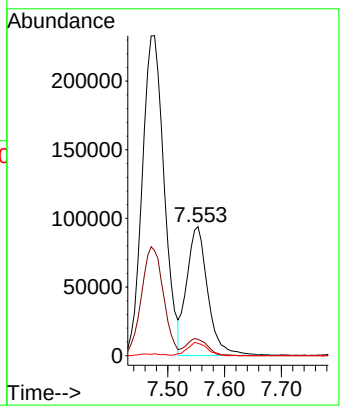
Tgt Ion: 43 Resp: 24175

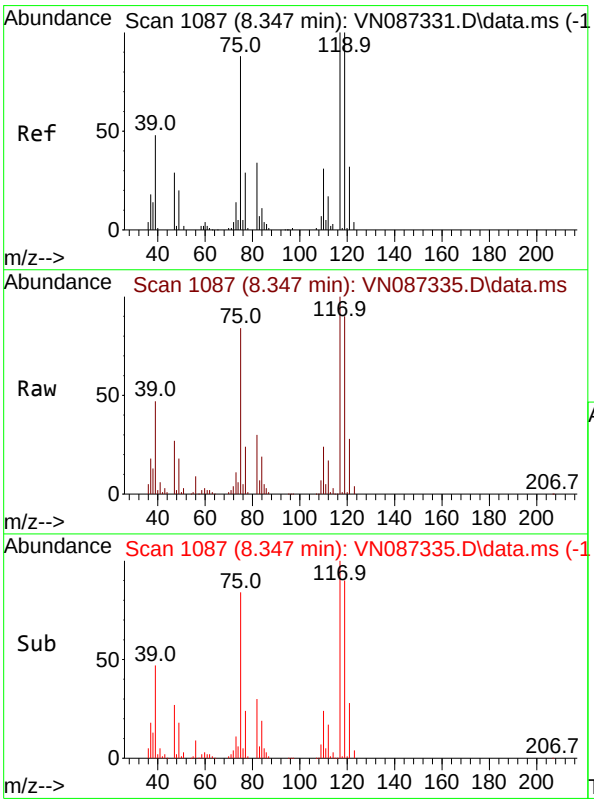
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.9	16.3
70	9.6	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

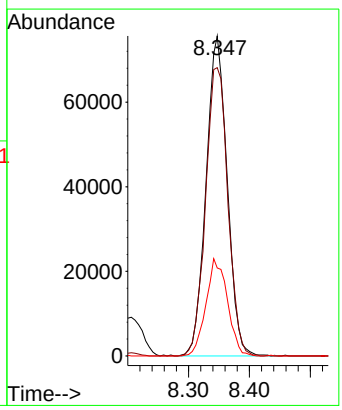


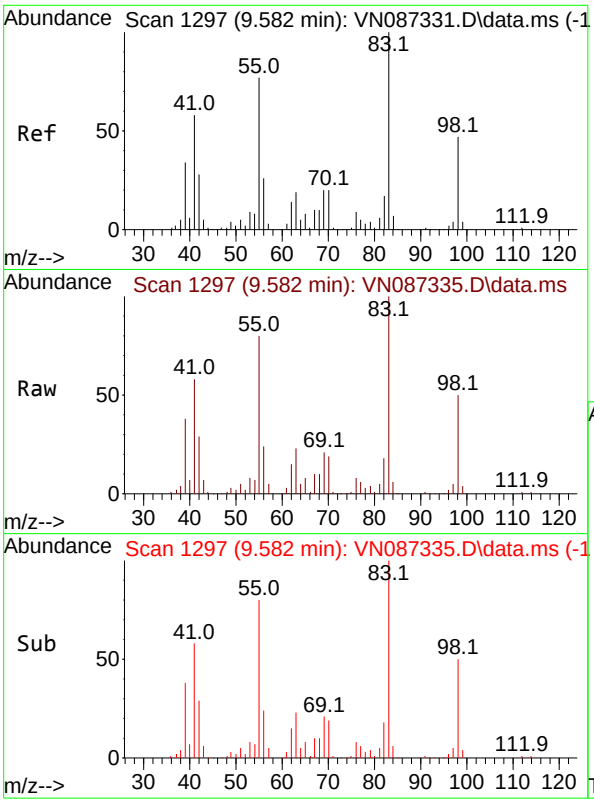


#38
Carbon Tetrachloride
Concen: 52.821 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:117 Resp: 181974

Ion	Ratio	Lower	Upper
117	100		
119	90.1	80.2	120.2
121	27.5	25.4	38.2

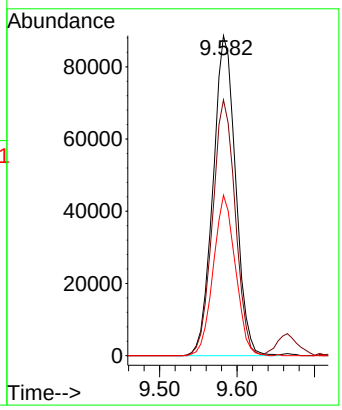




#39
Methylcyclohexane
Concen: 53.109 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 83 Resp: 17982

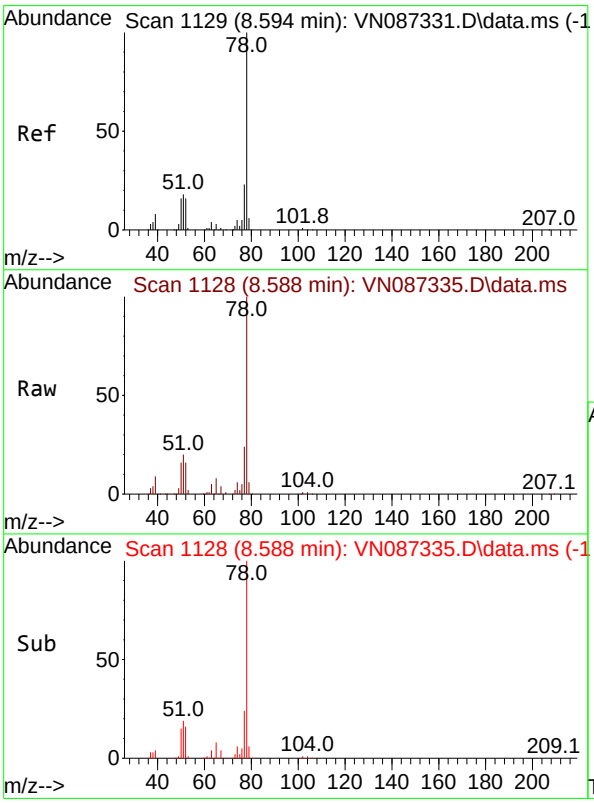
Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.3	91.9
98	50.2	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

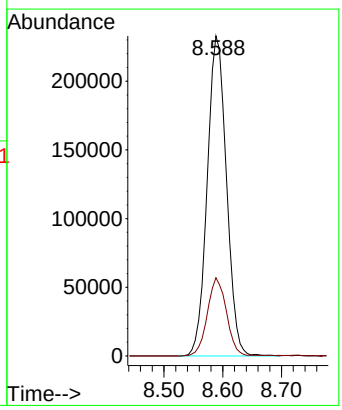
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

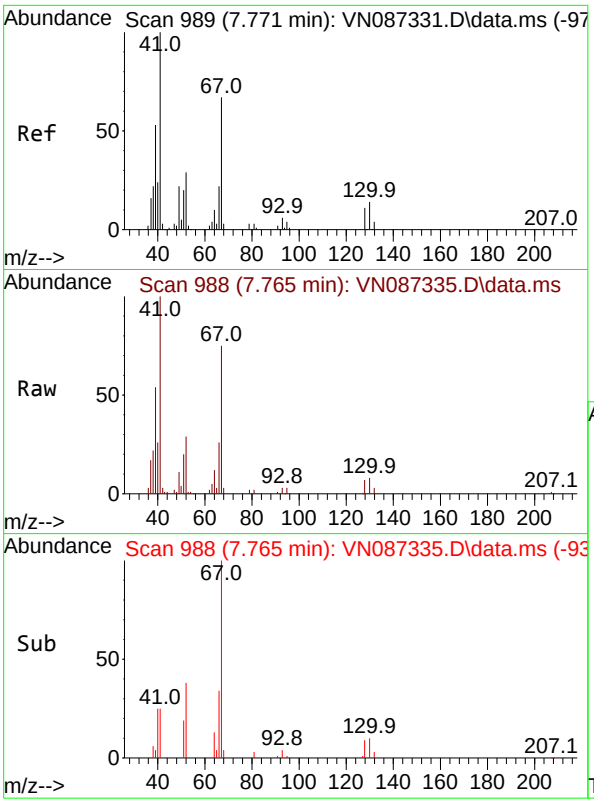


#40
Benzene
Concen: 52.380 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 78 Resp: 529446

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.2

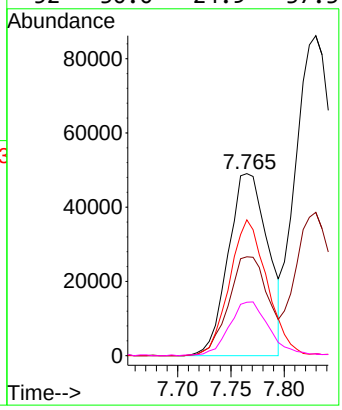




#41
Methacrylonitrile
Concen: 53.895 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 41 Resp: 12728

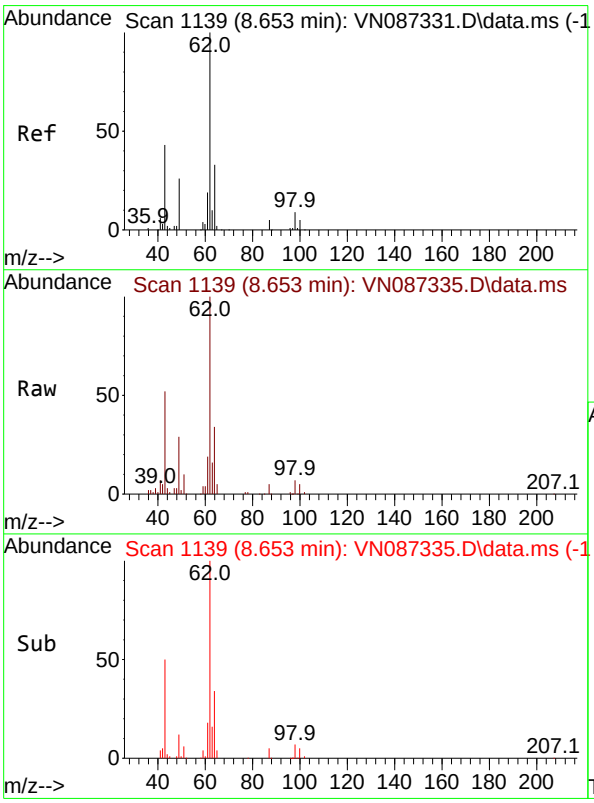
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.4	65.0
67	71.0	55.1	82.7
52	30.0	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

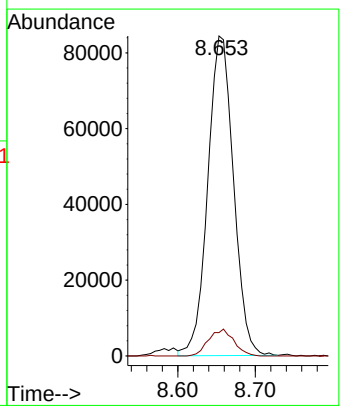
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

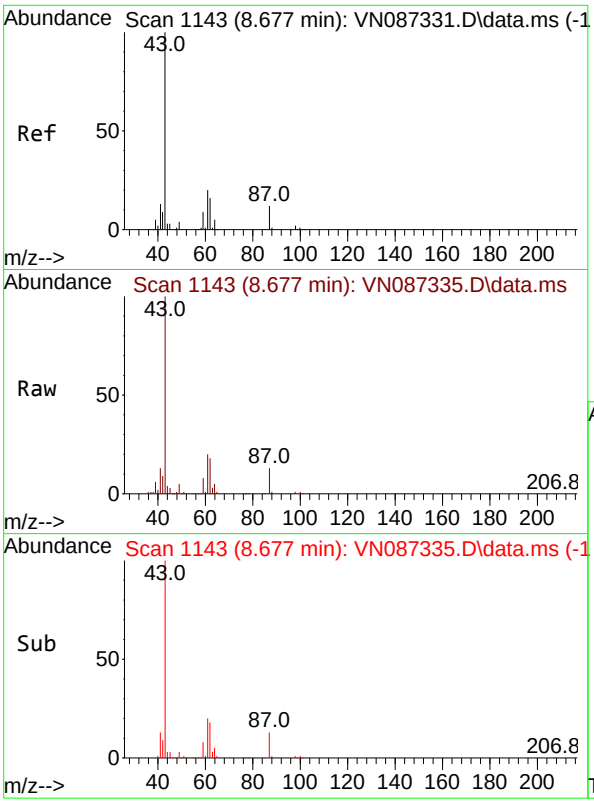


#42
1,2-Dichloroethane
Concen: 50.821 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 62 Resp: 194804

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0





#43
Isopropyl Acetate
Concen: 53.477 ug/l
RT: 8.677 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

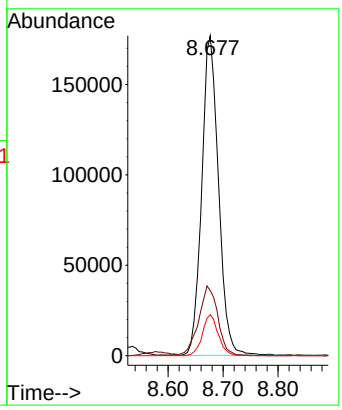
Tgt Ion: 43 Resp: 37495

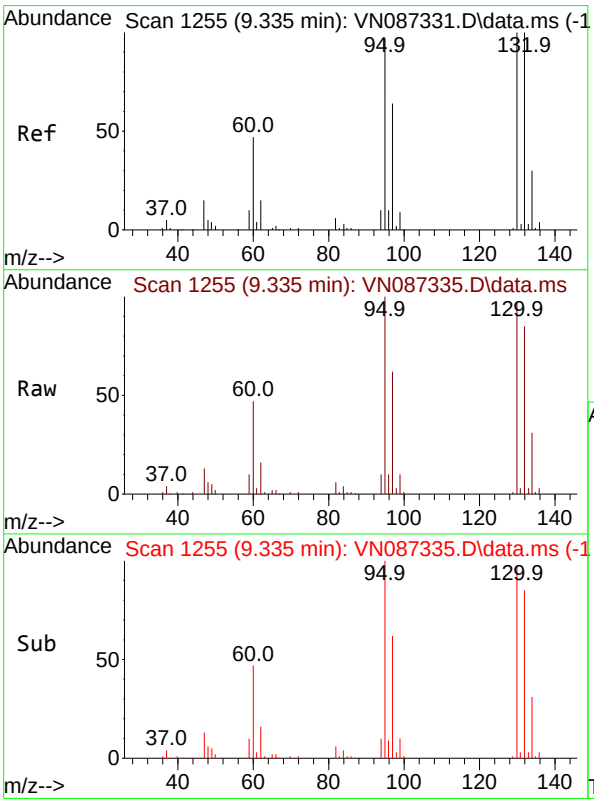
Ion	Ratio	Lower	Upper
43	100		
61	24.9	19.8	29.8
87	12.1	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

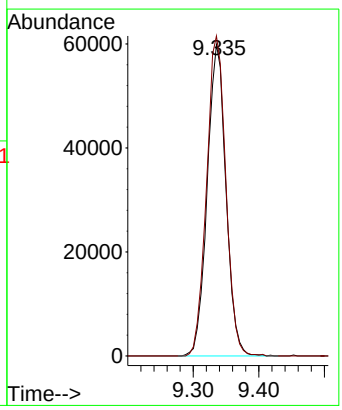


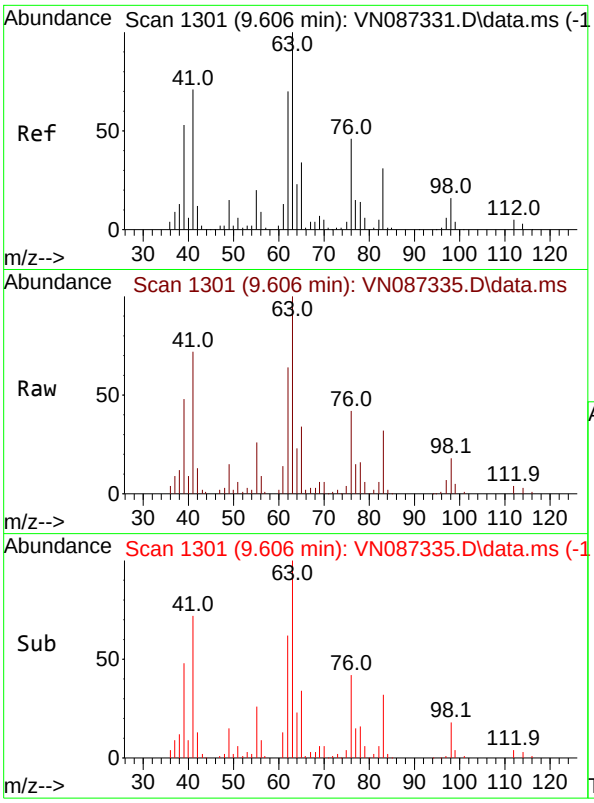


#44
Trichloroethene
Concen: 49.731 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:130 Resp: 118775

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	195.2

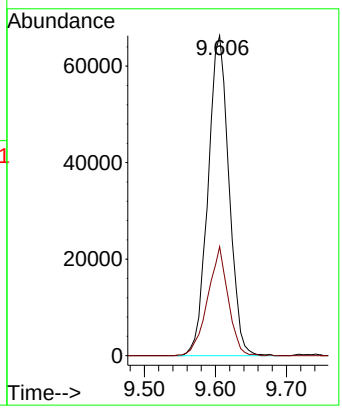




#45
1,2-Dichloropropane
Concen: 52.900 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 63 Resp: 13586

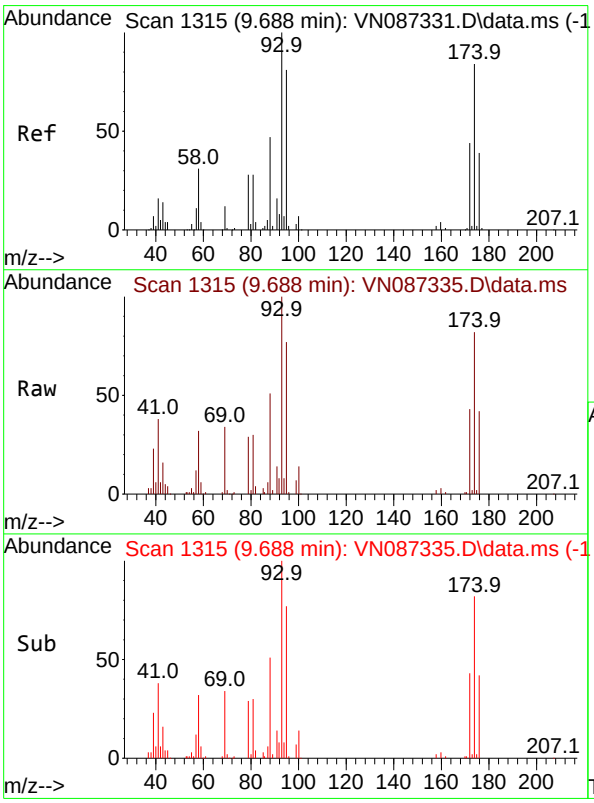
Ion	Ratio	Lower	Upper
63	100		
65	34.0	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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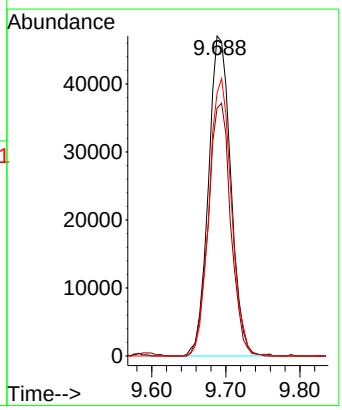
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

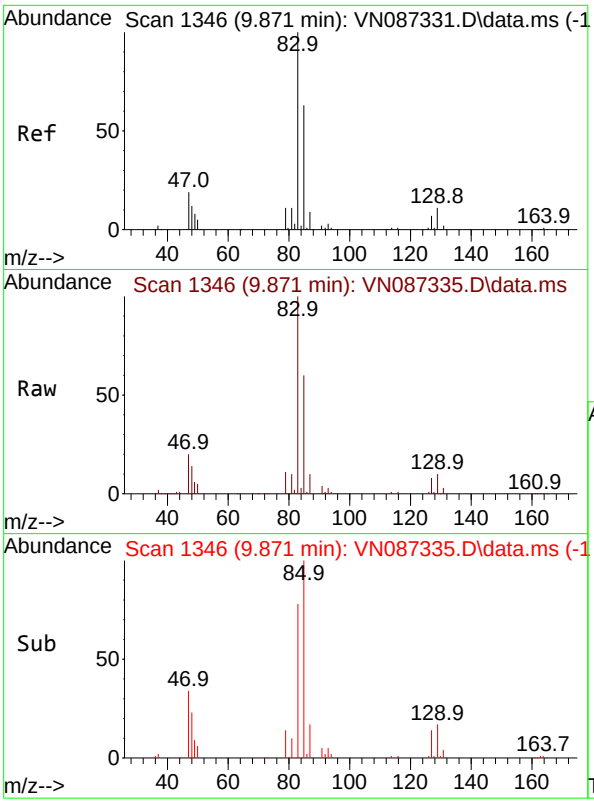


#46
Dibromomethane
Concen: 51.241 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 93 Resp: 98534

Ion	Ratio	Lower	Upper
93	100		
95	79.2	65.8	98.8
174	86.5	69.9	104.9

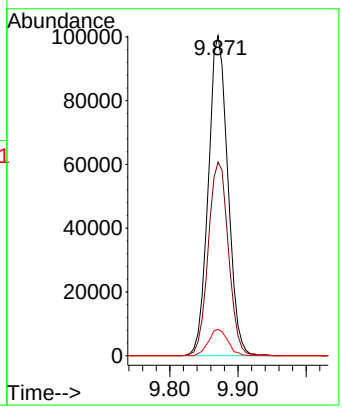




#47
Bromodichloromethane
Concen: 51.696 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 83 Resp: 20023

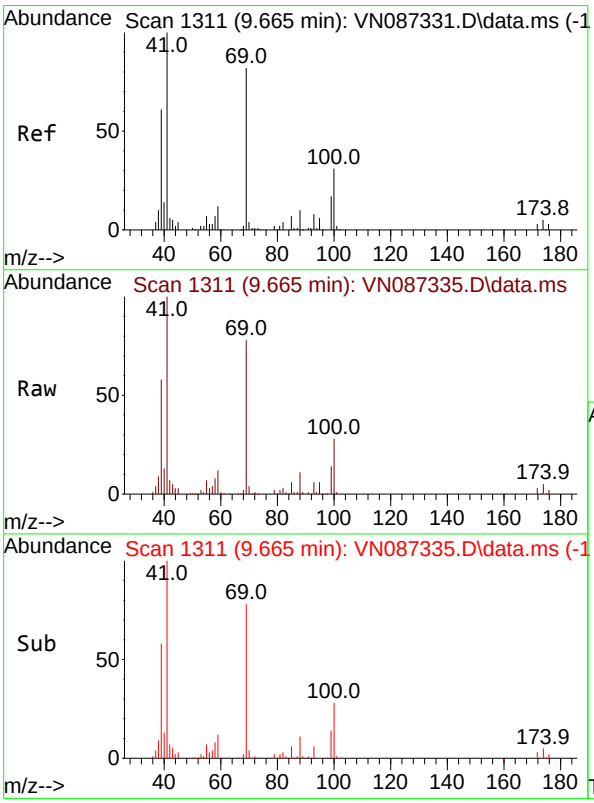
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.4	75.6
127	8.2	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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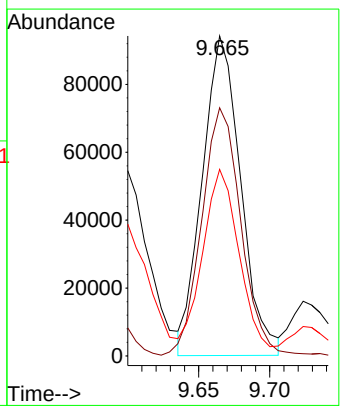
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

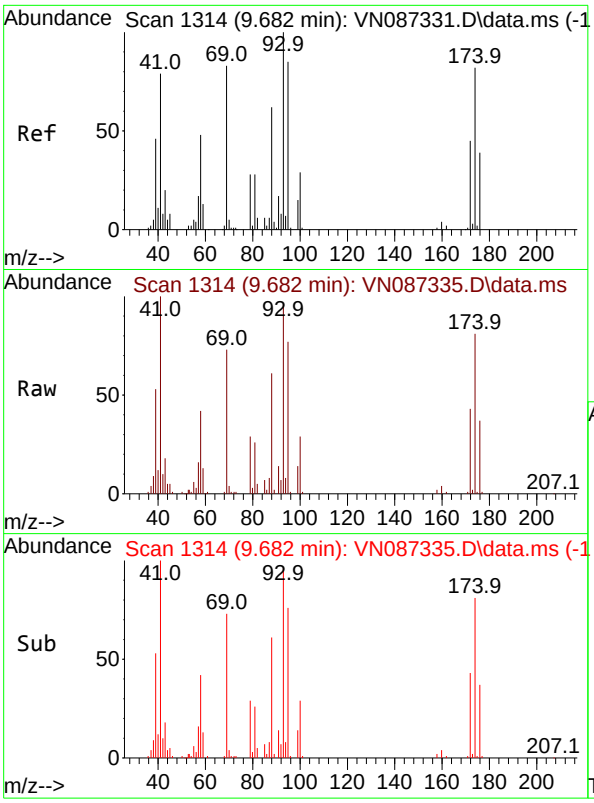


#48
Methyl methacrylate
Concen: 56.096 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 41 Resp: 177068

Ion	Ratio	Lower	Upper
41	100		
69	79.9	64.1	96.1
39	56.0	45.5	68.3

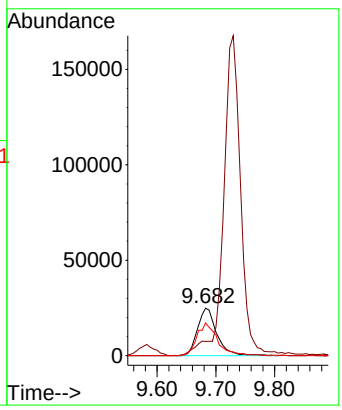




#49
1,4-Dioxane
Concen: 1177.300 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 88 Resp: 5691

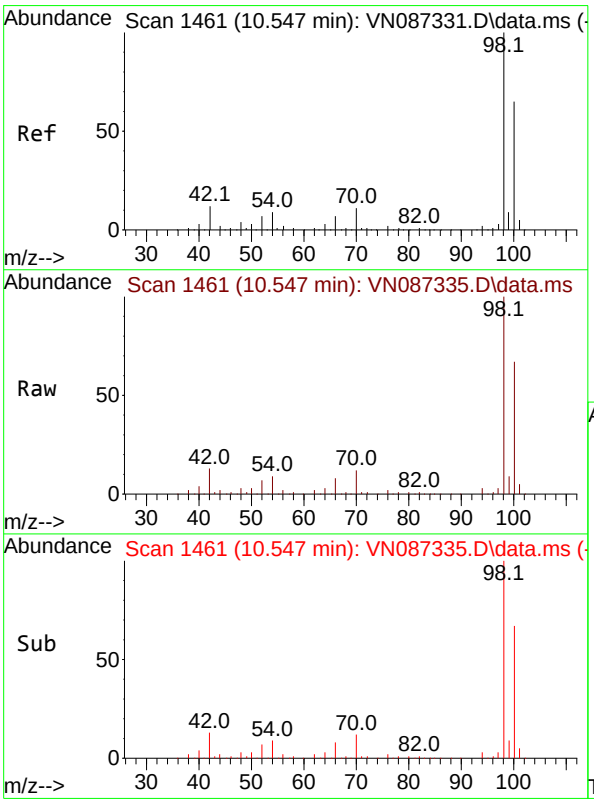
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.7	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

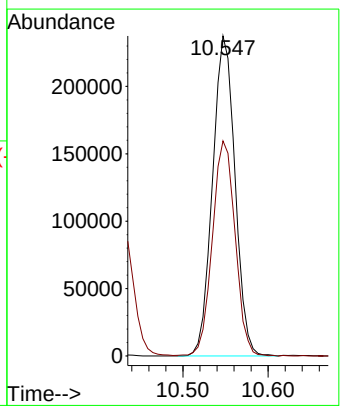
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

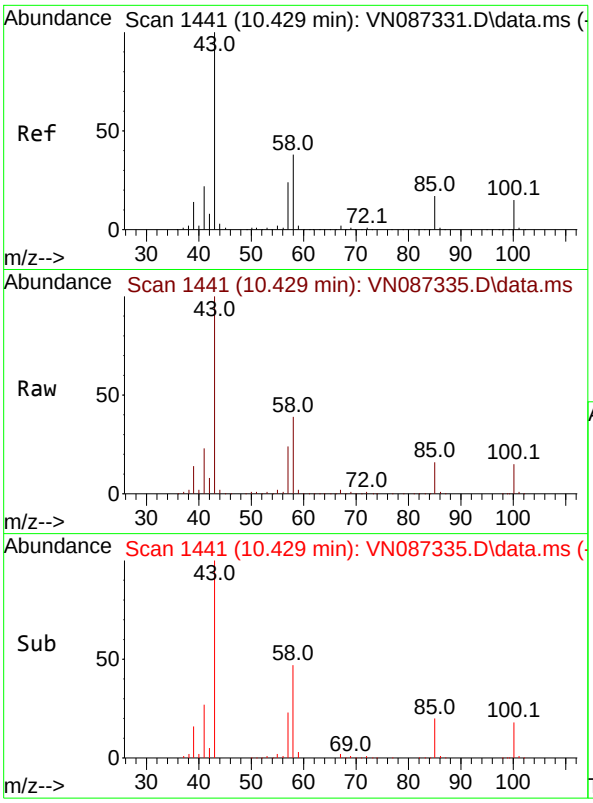


#50
Toluene-d8
Concen: 51.573 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 98 Resp: 435474

Ion	Ratio	Lower	Upper
98	100		
100	68.2	52.1	78.1

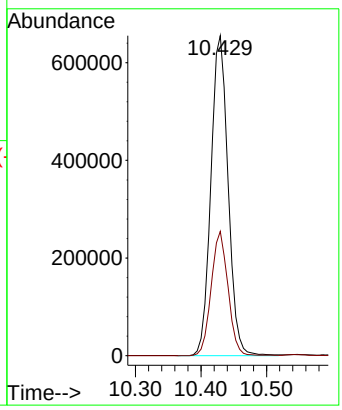




#51
4-Methyl-2-Pentanone
Concen: 268.966 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 119276

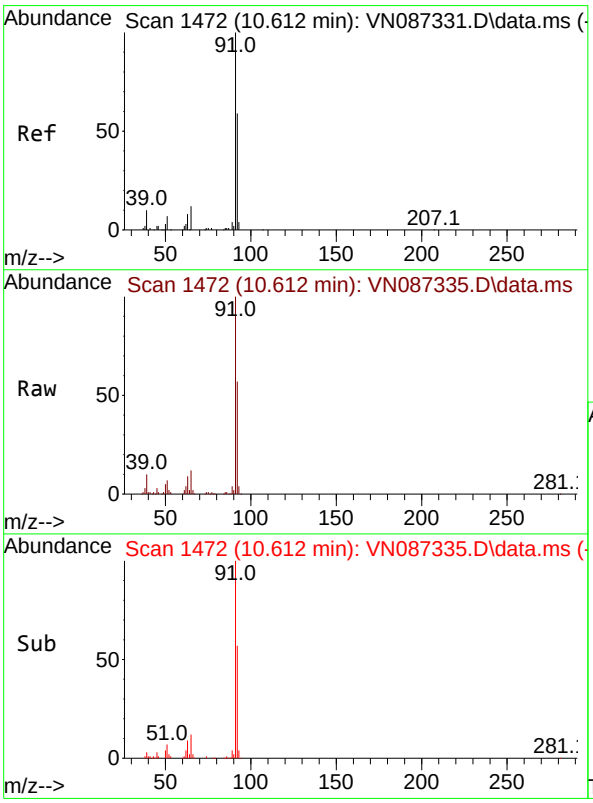
Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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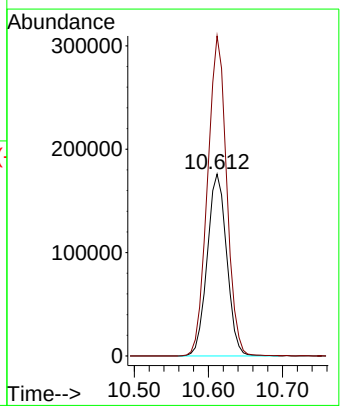
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

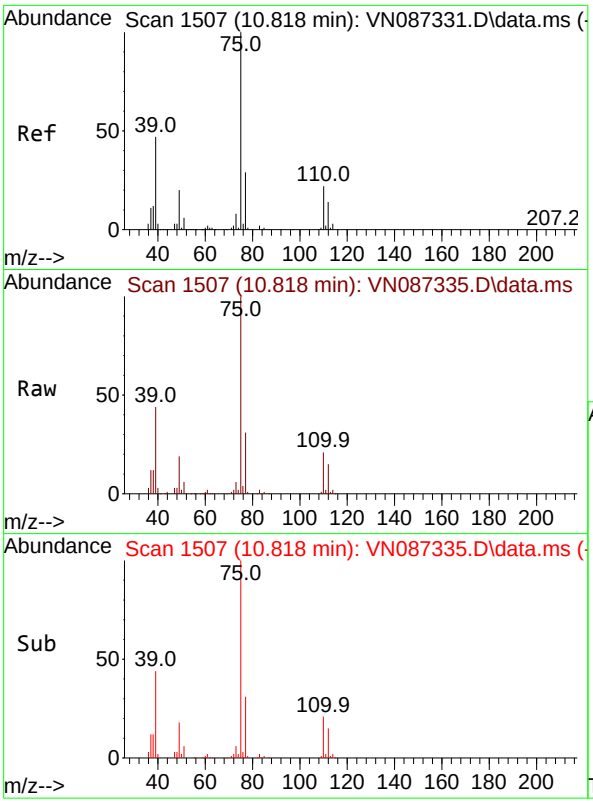


#52
Toluene
Concen: 52.236 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 92 Resp: 320922

Ion	Ratio	Lower	Upper
92	100		
91	173.1	135.1	202.7

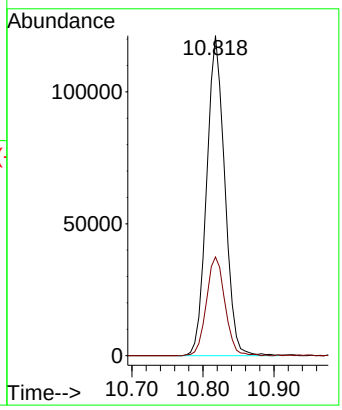




#53
t-1,3-Dichloropropene
Concen: 54.628 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 21414

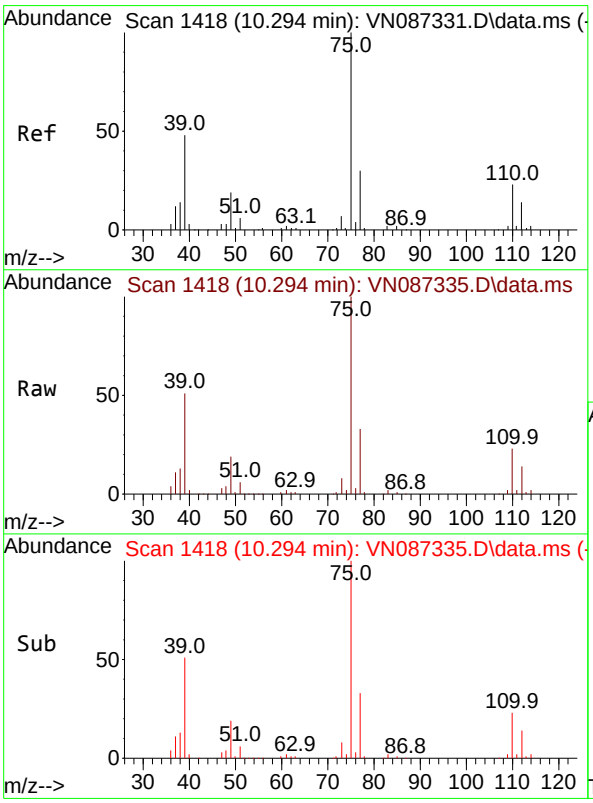
Ion	Ratio	Lower	Upper
75	100		
77	30.9	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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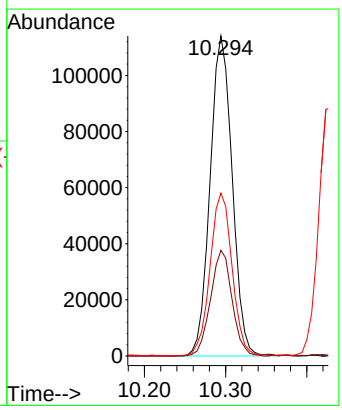
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

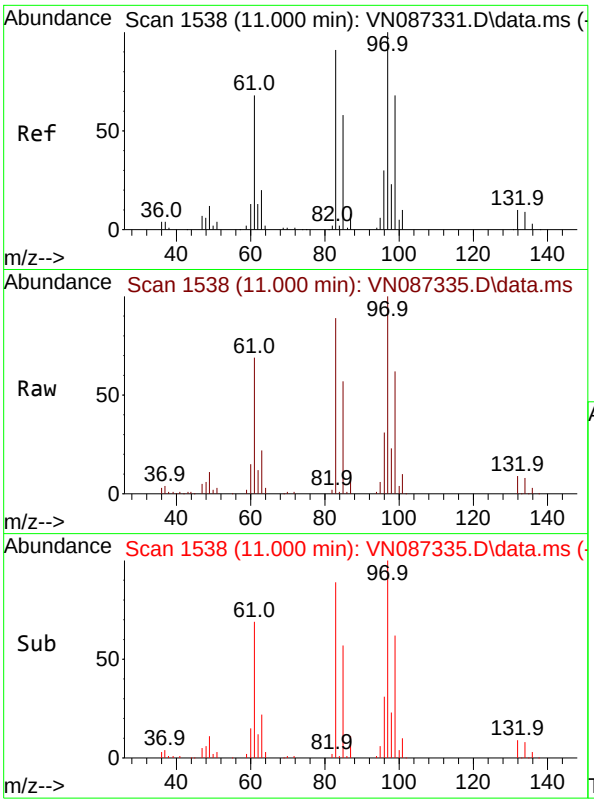


#54
cis-1,3-Dichloropropene
Concen: 53.351 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 216023

Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.2	36.2
39	50.8	38.4	57.6

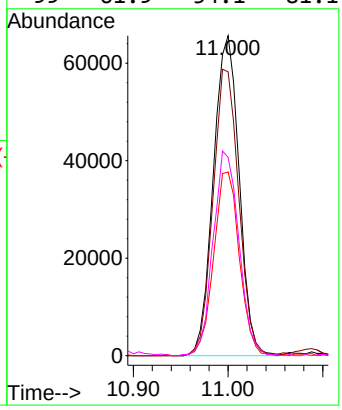




#55
1,1,2-Trichloroethane
Concen: 49.889 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 97 Resp: 12409

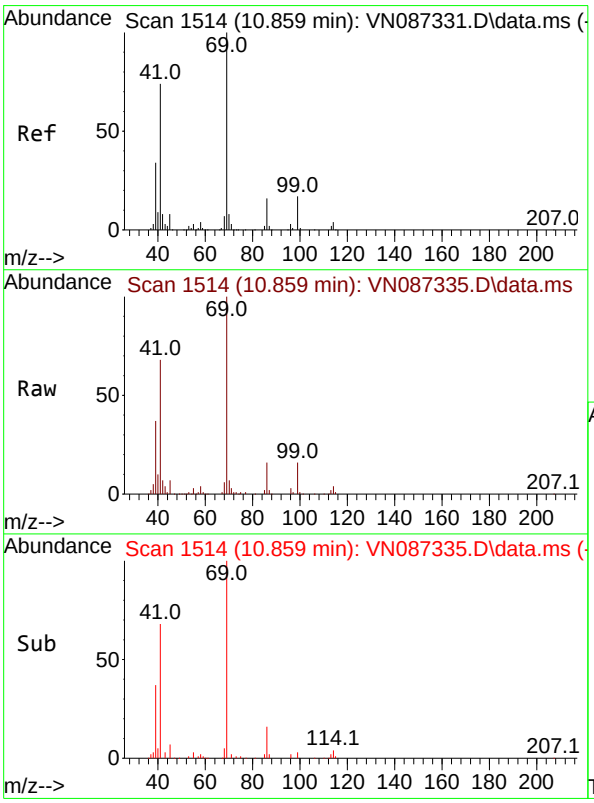
Ion	Ratio	Lower	Upper
97	100		
83	88.7	72.6	109.0
85	57.4	46.7	70.1
99	61.9	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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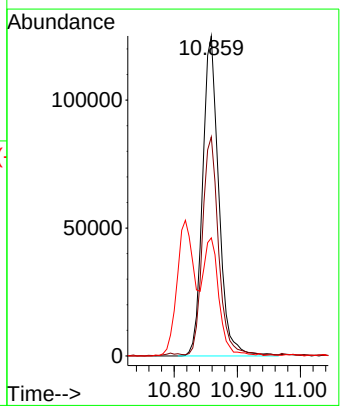
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

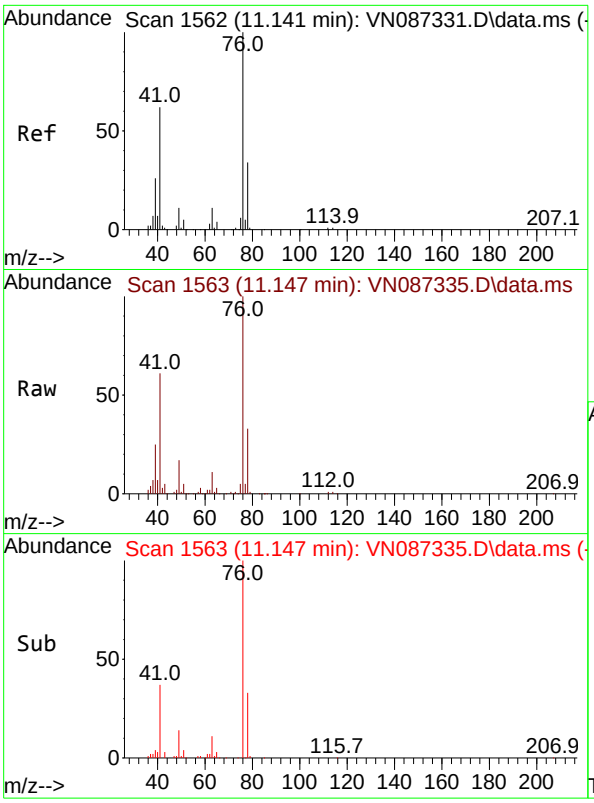


#56
Ethyl methacrylate
Concen: 53.042 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 69 Resp: 222410

Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.1	82.7
39	34.0	27.9	41.9

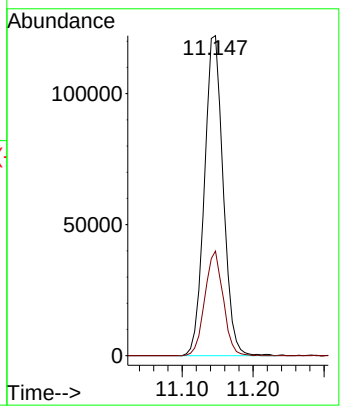




#57
1,3-Dichloropropane
Concen: 52.202 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 76 Resp: 22449

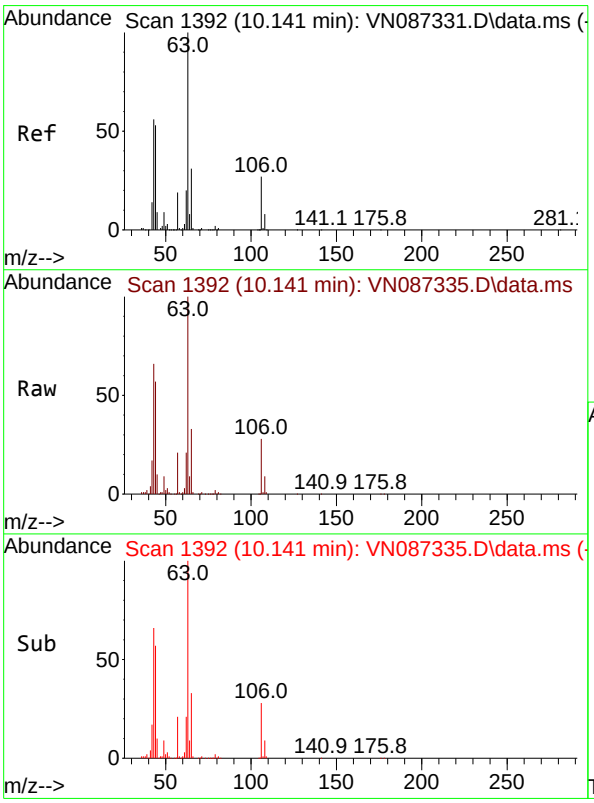
Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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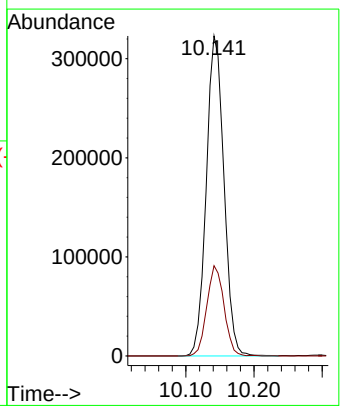
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

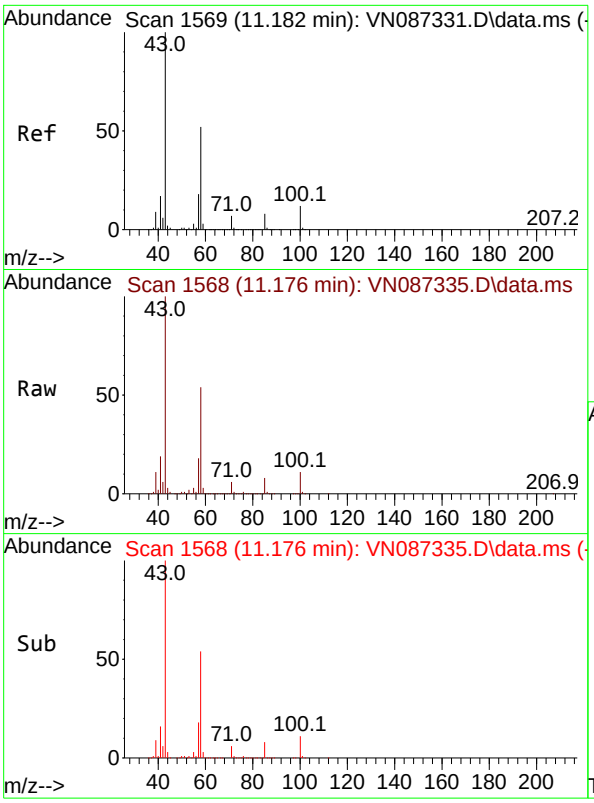


#58
2-Chloroethyl Vinyl ether
Concen: 285.088 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 63 Resp: 581689

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.7	32.5

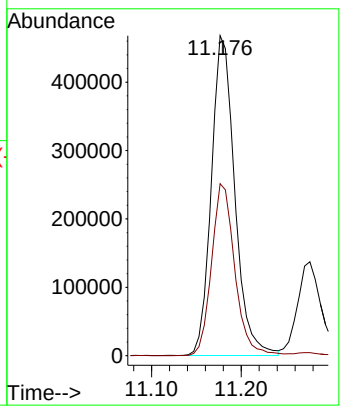




#59
2-Hexanone
Concen: 288.579 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 84905

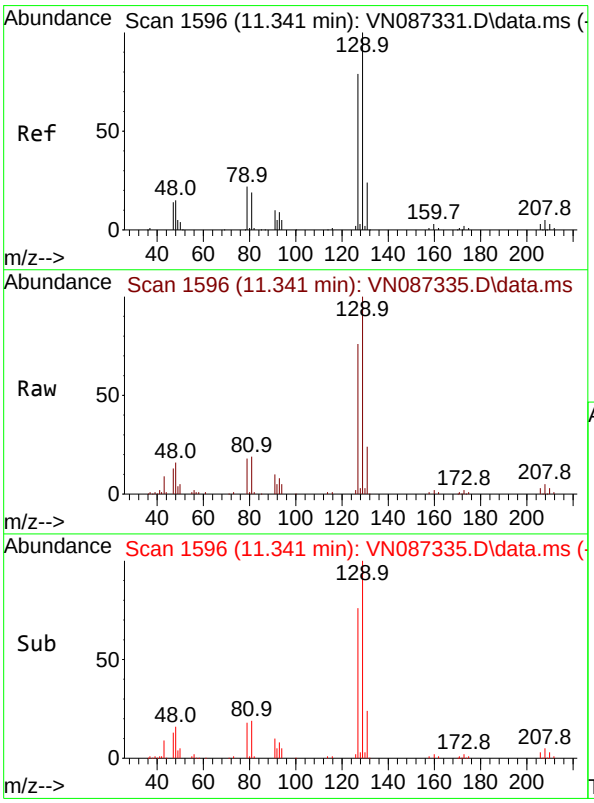
Ion	Ratio	Lower	Upper
43	100		
58	53.4	26.7	80.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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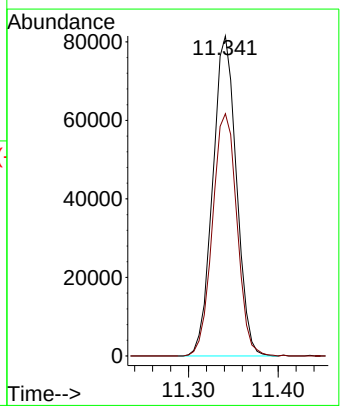
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

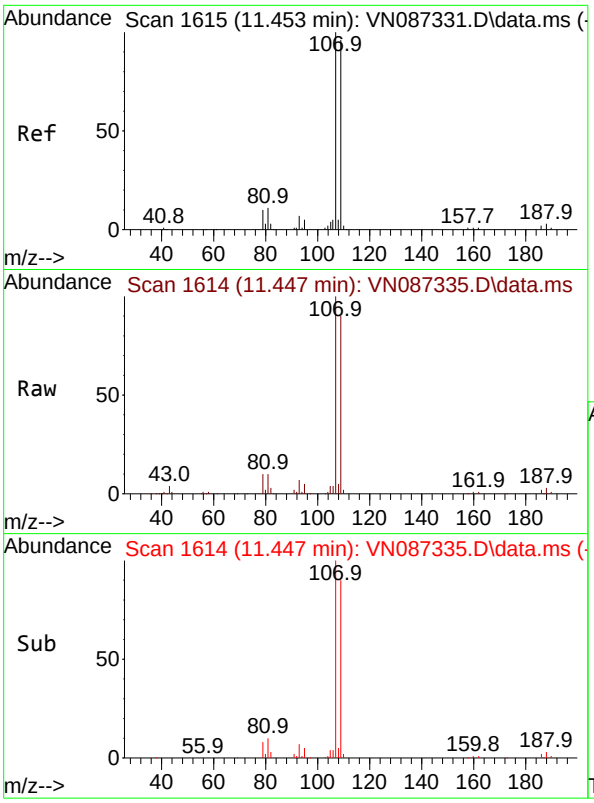


#60
Dibromochloromethane
Concen: 52.685 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:129 Resp: 149449

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.5





#61
1,2-Dibromoethane
Concen: 51.746 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

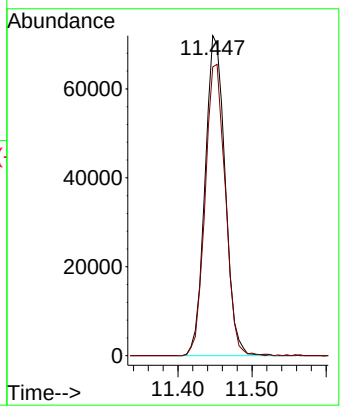
Tgt Ion:107 Resp: 13533

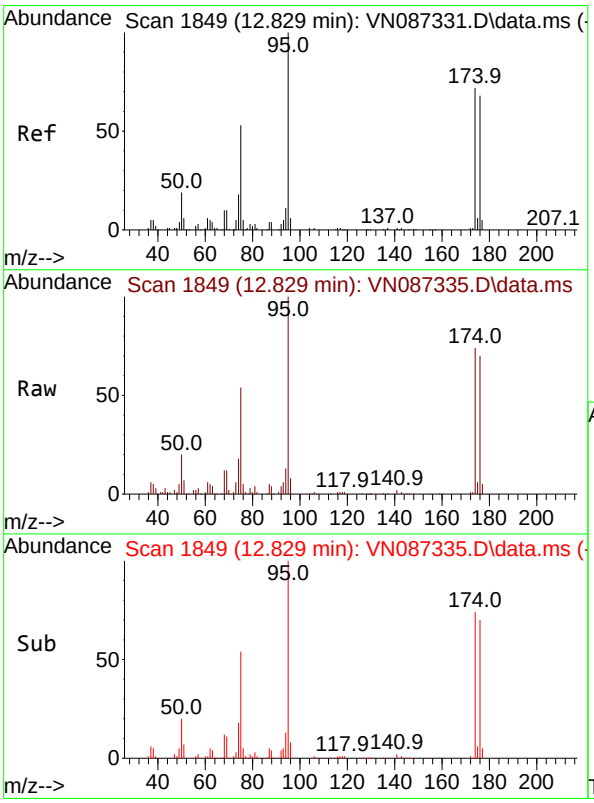
Ion	Ratio	Lower	Upper
107	100		
109	91.4	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

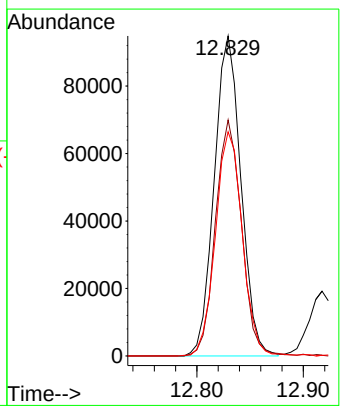


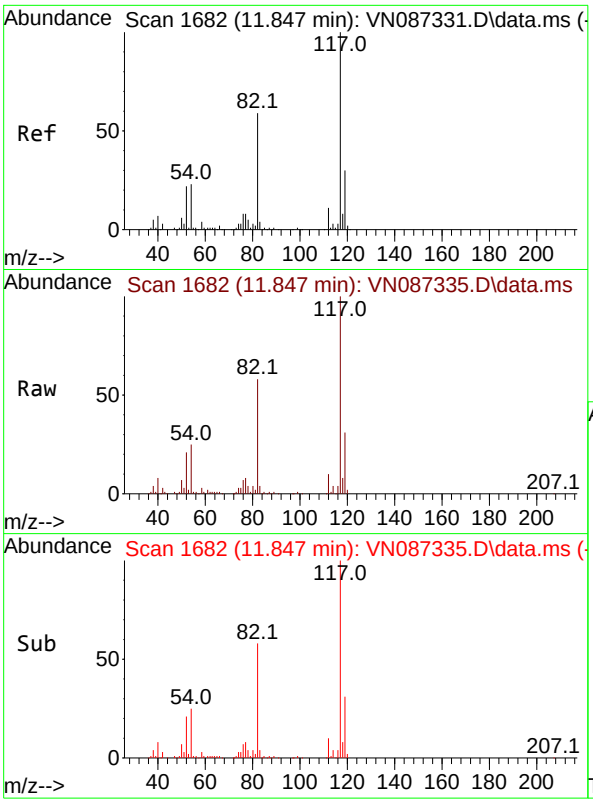


#62
4-Bromofluorobenzene
Concen: 52.942 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 95 Resp: 165160

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	149.4
176	70.6	0.0	141.2

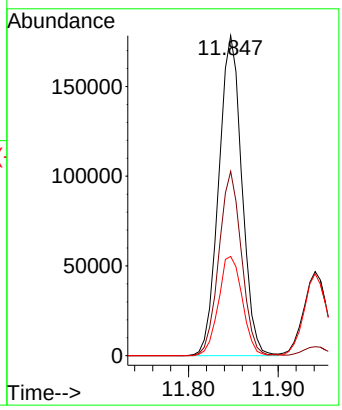




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:117 Resp: 31969

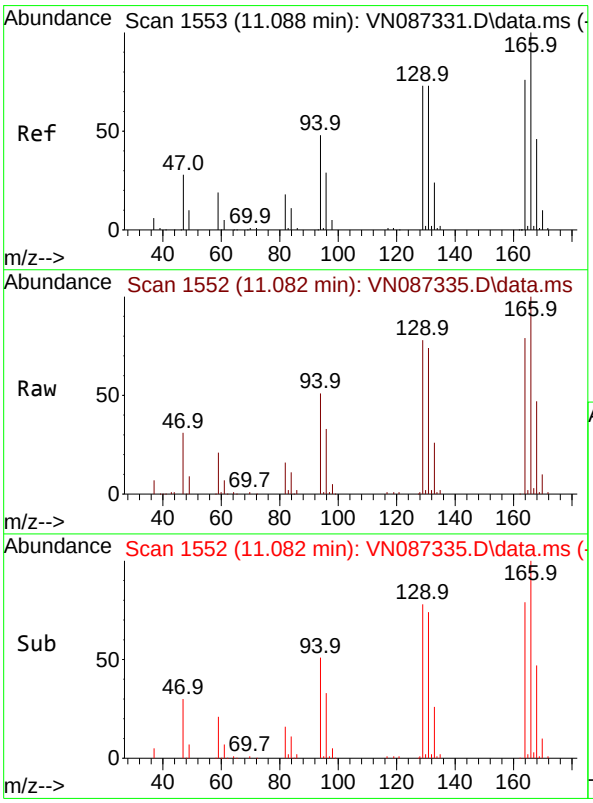
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.2
119	31.0	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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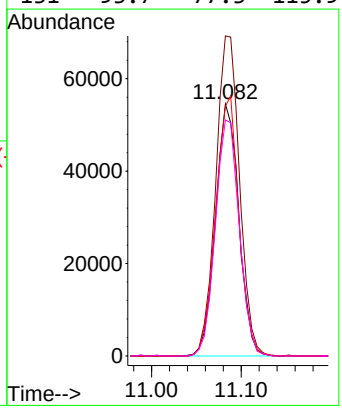
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

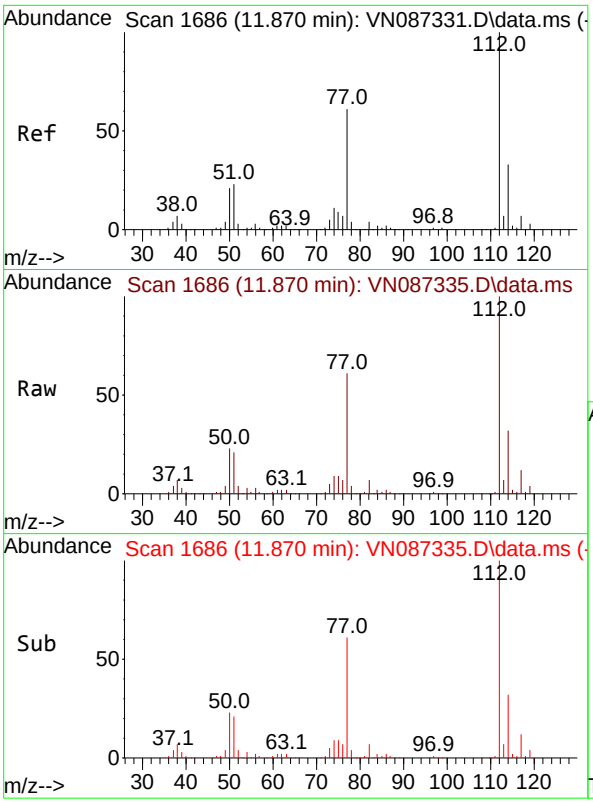


#64
Tetrachloroethene
Concen: 47.819 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:164 Resp: 98391

Ion	Ratio	Lower	Upper
164	100		
166	127.0	105.5	158.3
129	99.0	77.4	116.2
131	93.7	77.3	115.9

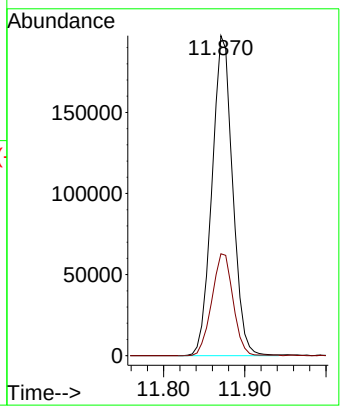




#65
Chlorobenzene
Concen: 48.477 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:112 Resp: 34793

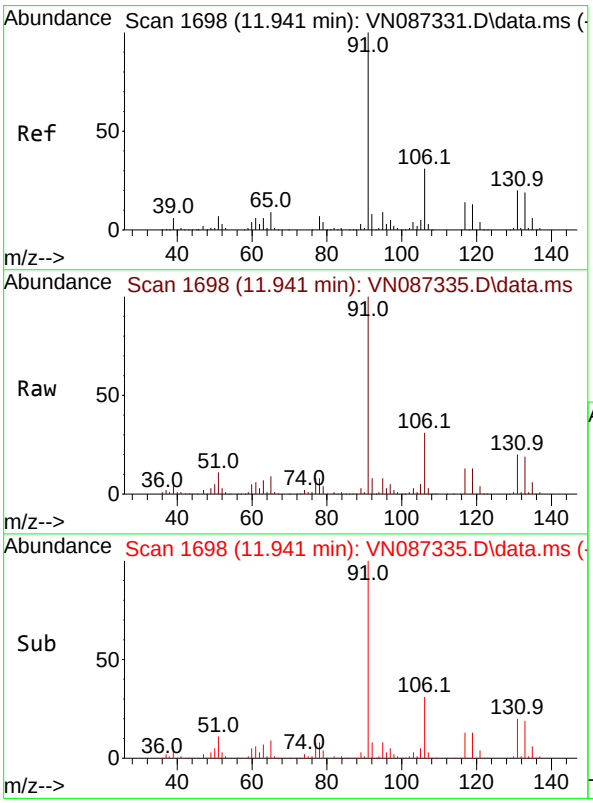
Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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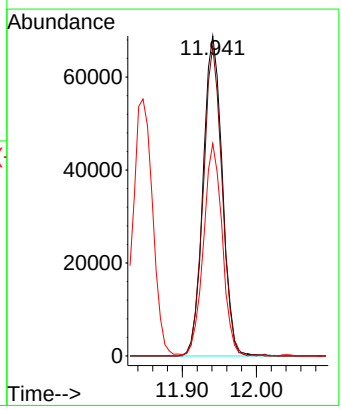
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

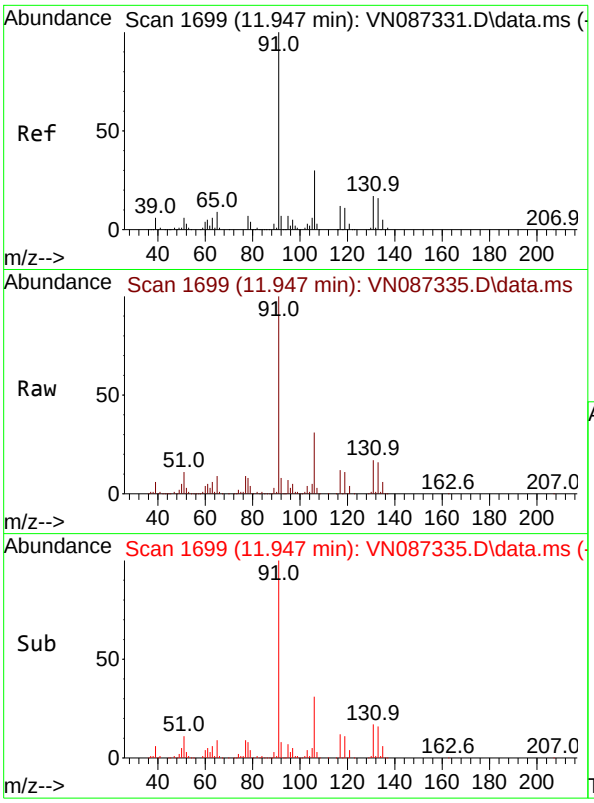


#66
1,1,1,2-Tetrachloroethane
Concen: 50.530 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:131 Resp: 123321

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.3
119	65.0	33.1	99.2

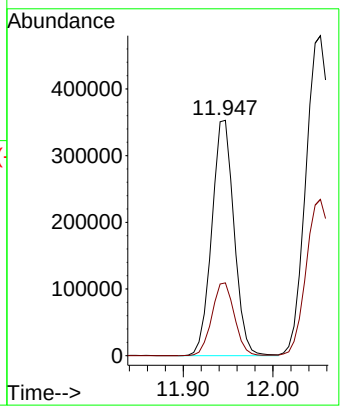




#67
Ethyl Benzene
Concen: 51.523 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 60877

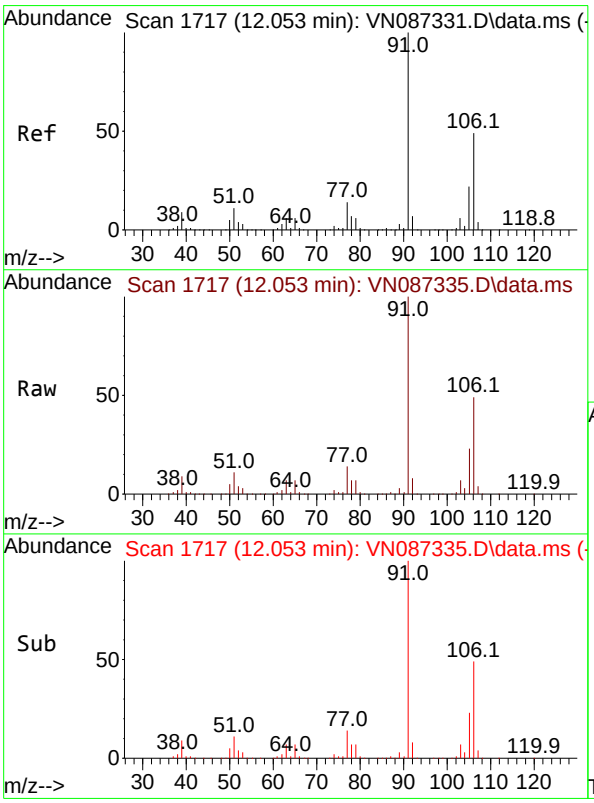
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

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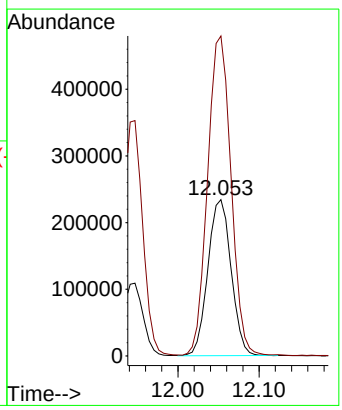
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

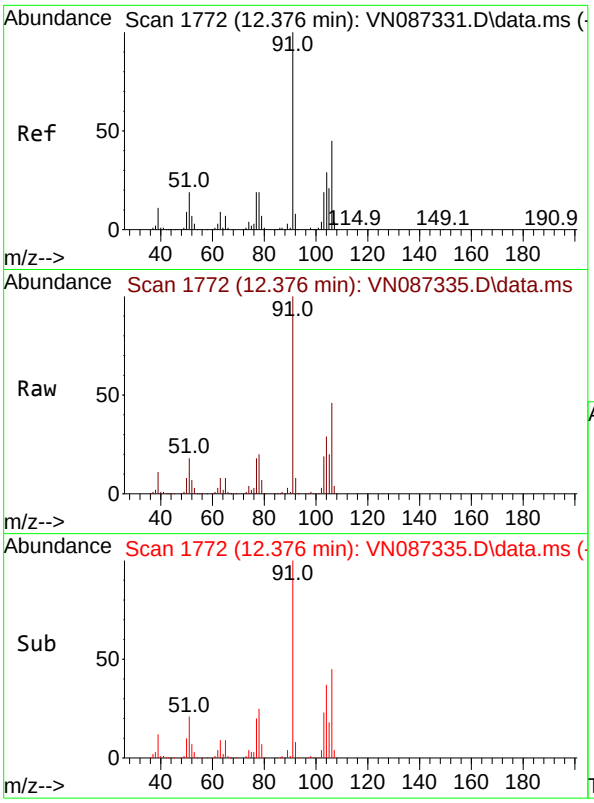


#68
m/p-Xylenes
Concen: 105.269 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:106 Resp: 465762

Ion	Ratio	Lower	Upper
106	100		
91	206.7	162.0	243.0





#69
o-Xylene
Concen: 53.221 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

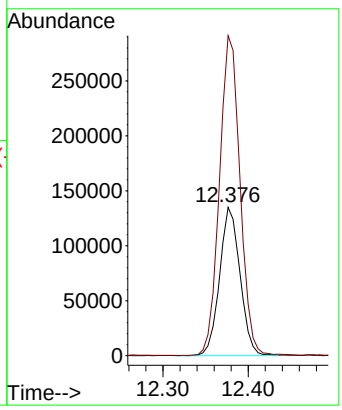
Tgt Ion:106 Resp: 22493

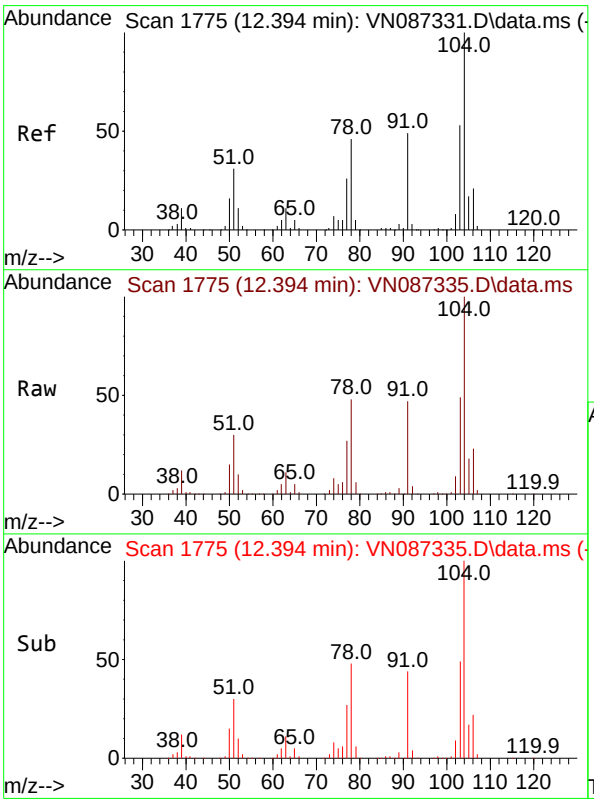
Ion	Ratio	Lower	Upper
106	100		
91	217.3	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

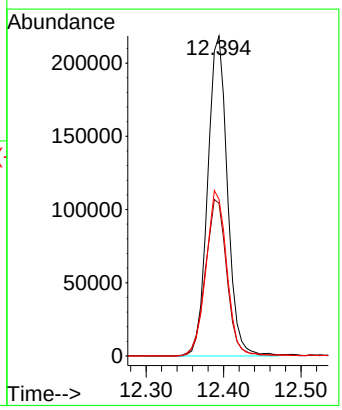


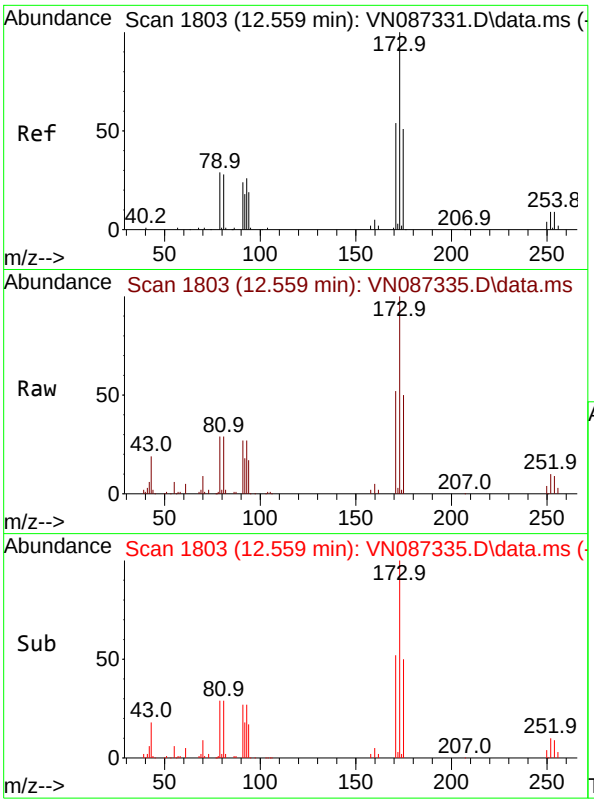


#70
Styrene
Concen: 54.477 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:104 Resp: 387319

Ion	Ratio	Lower	Upper
104	100		
78	53.1	41.0	61.6
103	54.5	43.9	65.9

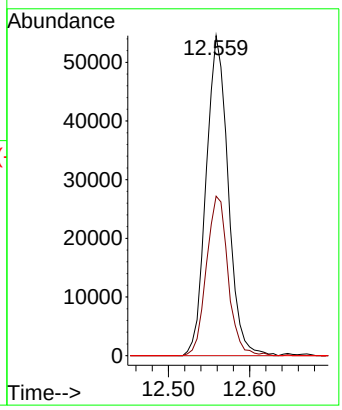




#71
Bromoform
Concen: 51.987 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:173 Resp: 10250

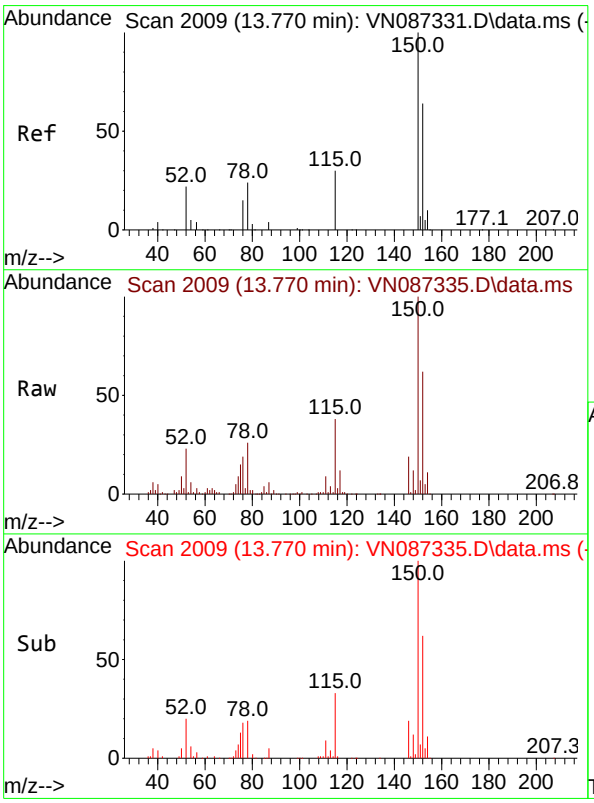
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

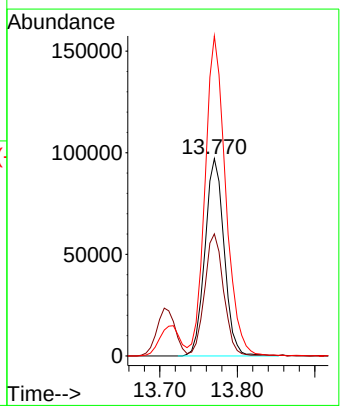
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

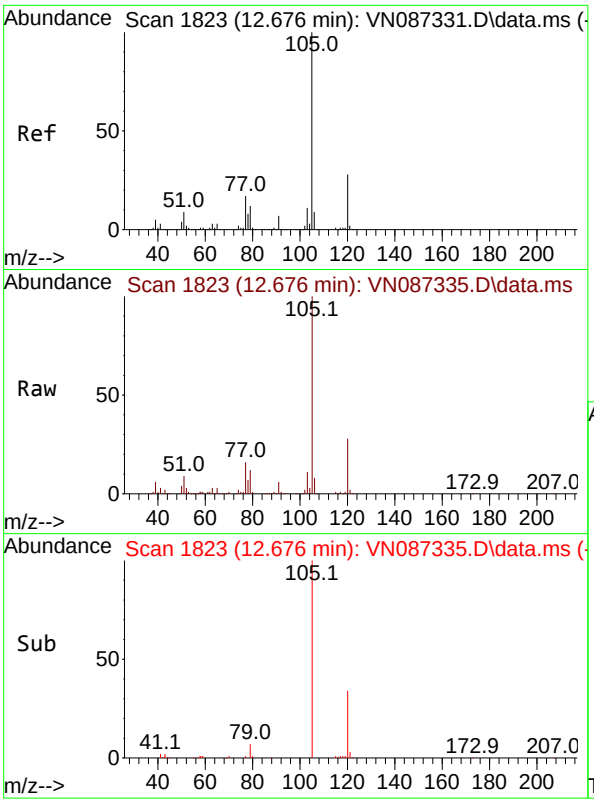


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:152 Resp: 166959

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.1	93.5
150	174.4	0.0	349.0





#73
Isopropylbenzene
Concen: 54.619 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

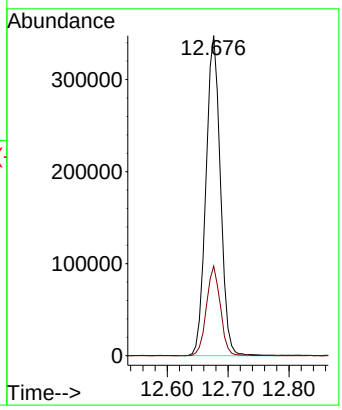
Tgt Ion:105 Resp: 57393

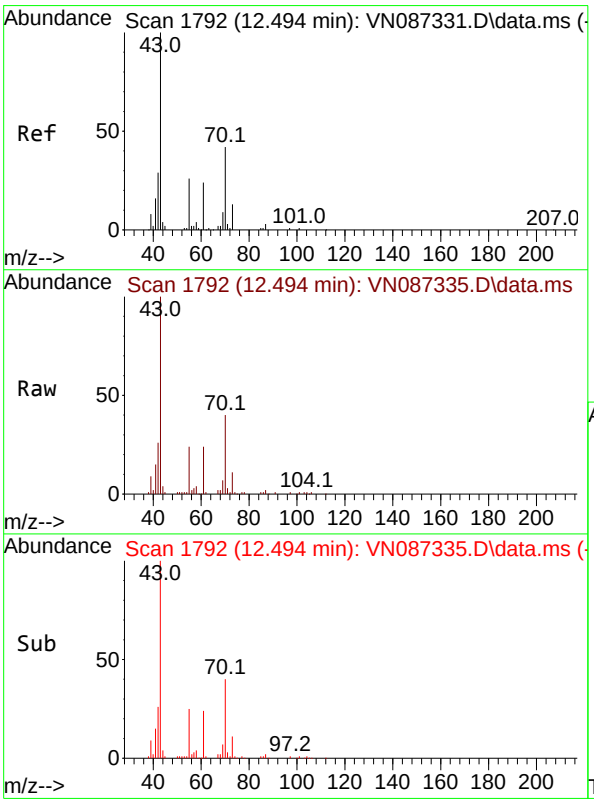
Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

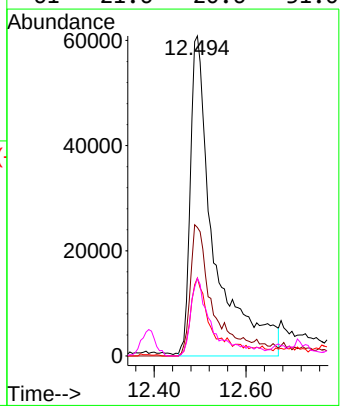


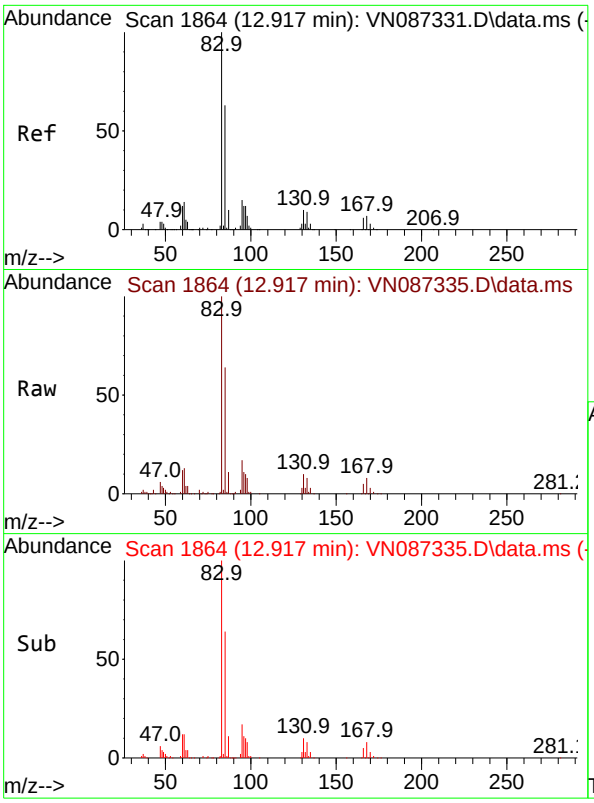


#74
N-amyl acetate
Concen: 49.972 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 218170

Ion	Ratio	Lower	Upper
43	100		
70	37.9	37.6	56.4
55	19.4	19.6	29.4#
61	21.6	20.6	31.0

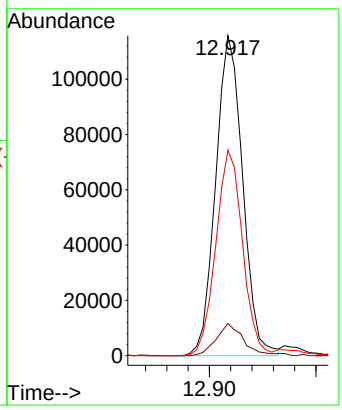




#75
1,1,2,2-Tetrachloroethane
Concen: 51.580 ug/l
RT: 12.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 83 Resp: 20394

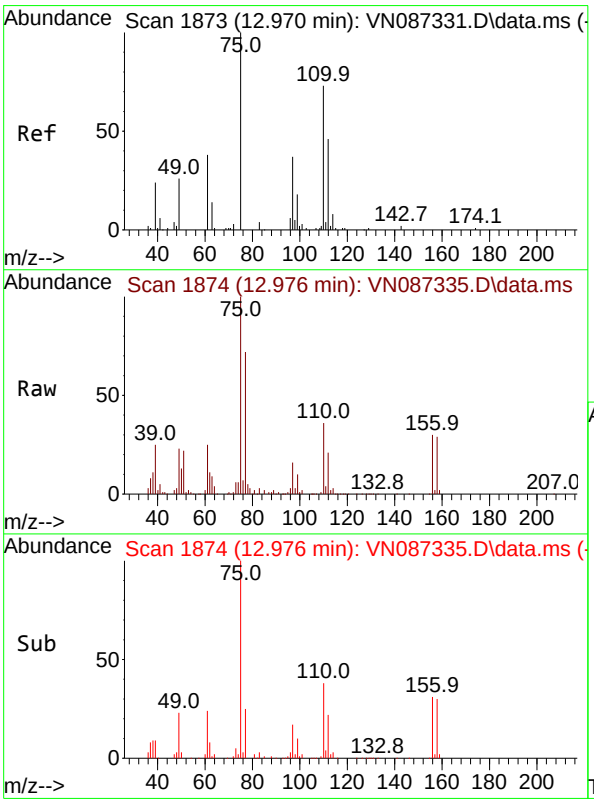
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	63.4	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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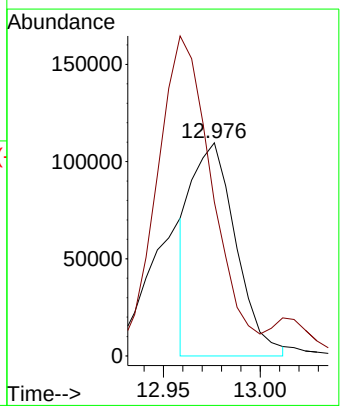
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

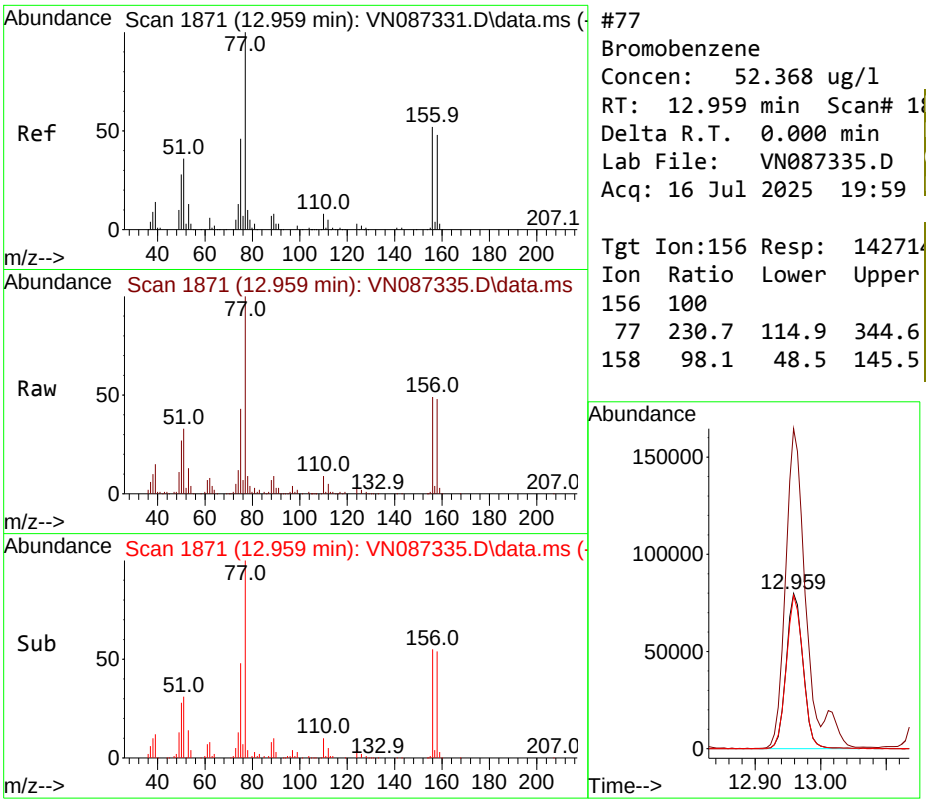


#76
1,2,3-Trichloropropane
Concen: 46.955 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 175797

Ion	Ratio	Lower	Upper
75	100		
77	187.3	94.5	283.6





#77
Bromobenzene
Concen: 52.368 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

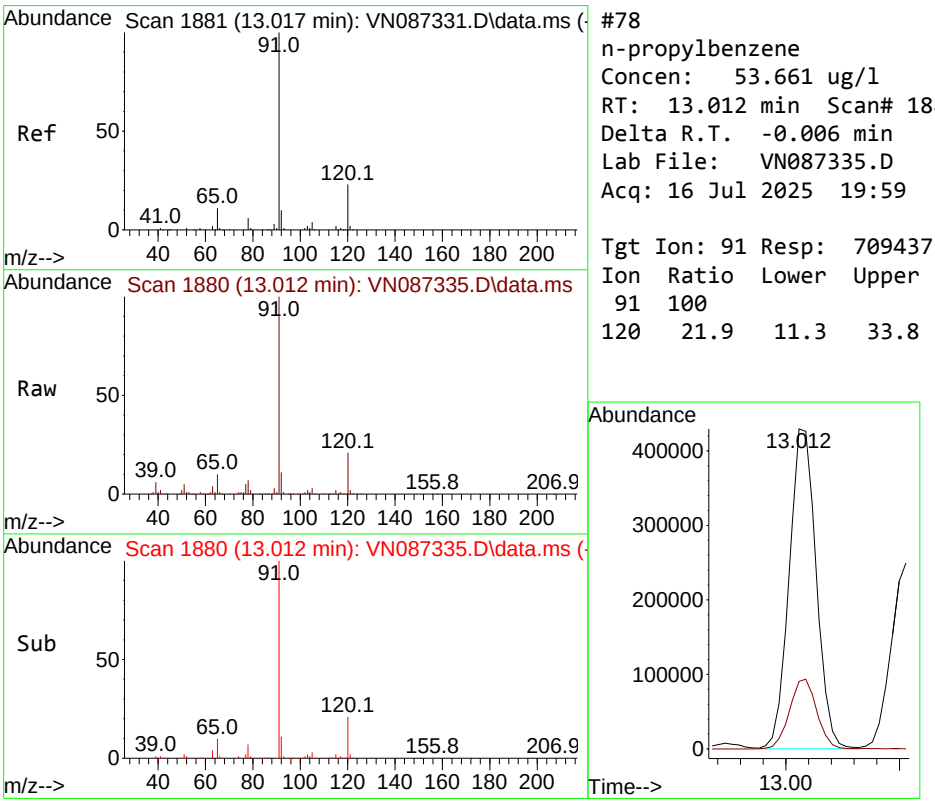
Tgt Ion:156 Resp: 14271

Ion	Ratio	Lower	Upper
156	100		
77	230.7	114.9	344.6
158	98.1	48.5	145.5

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
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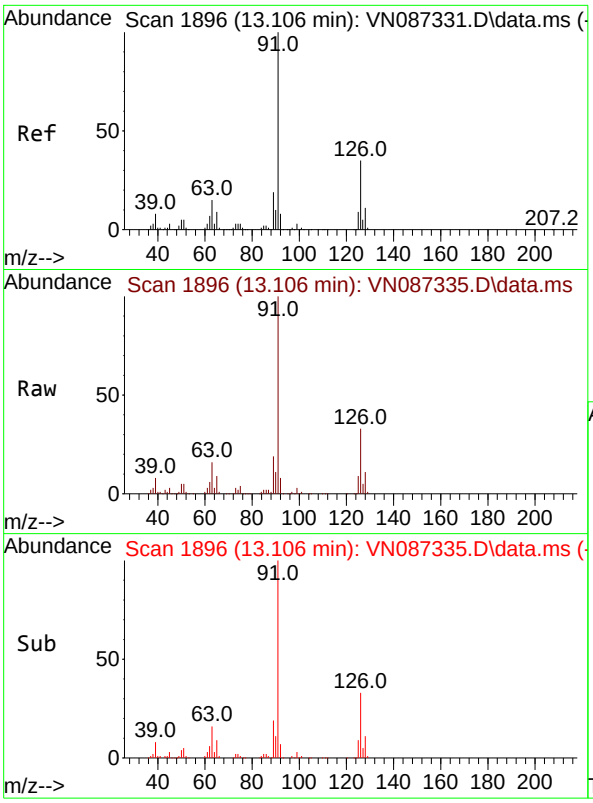
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#78
n-propylbenzene
Concen: 53.661 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 709437

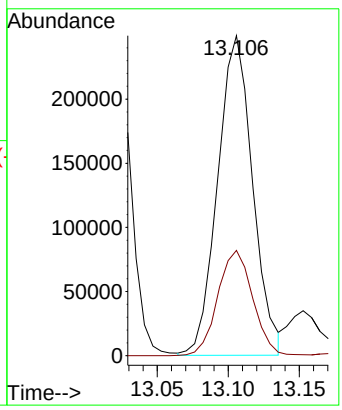
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.3	33.8



#79
2-Chlorotoluene
Concen: 52.475 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 42637

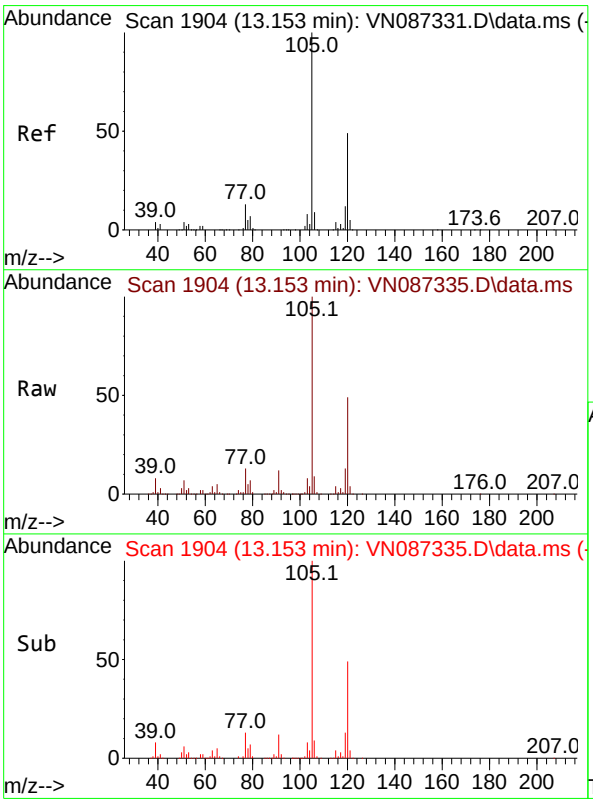
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

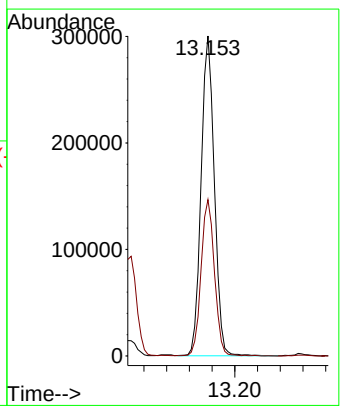
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

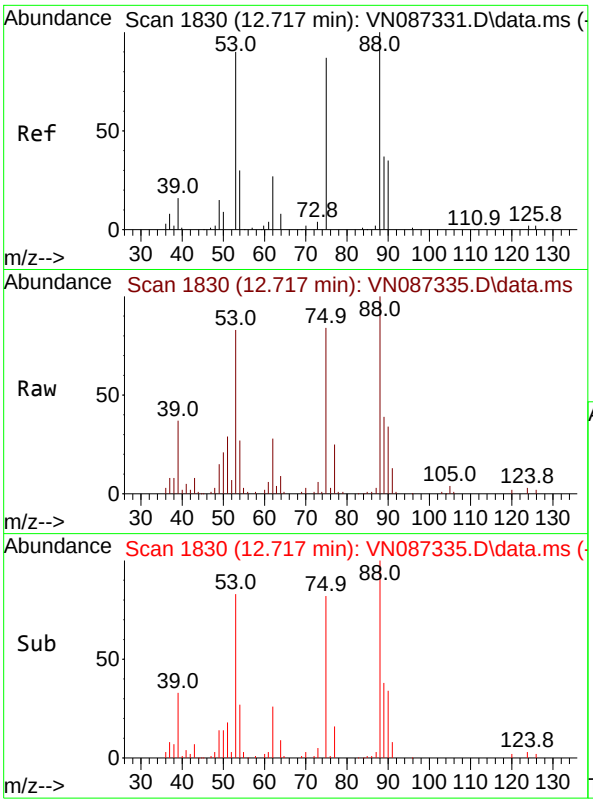


#80
1,3,5-Trimethylbenzene
Concen: 54.071 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:105 Resp: 484100

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.3	72.8

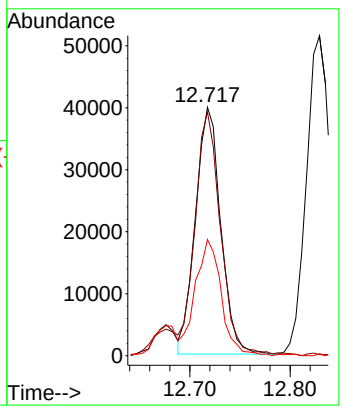




#81
trans-1,4-Dichloro-2-butene
Concen: 51.080 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 6989

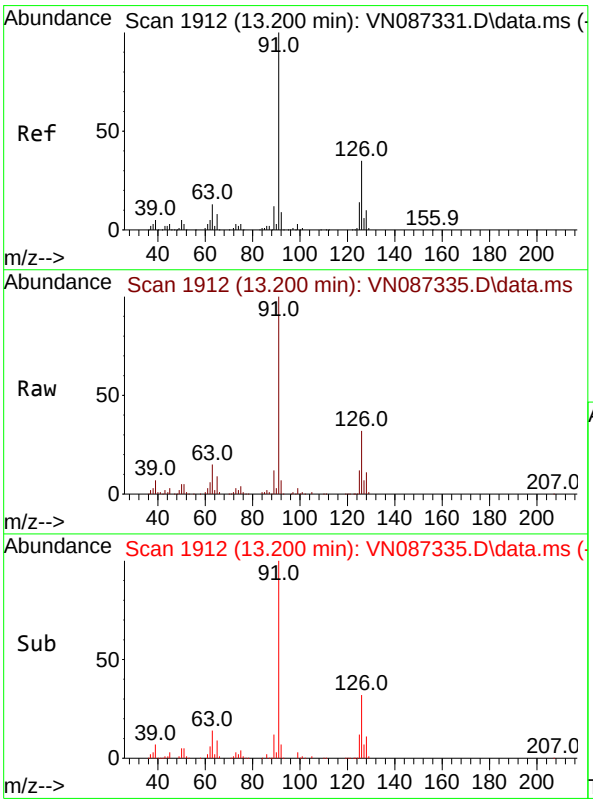
Ion	Ratio	Lower	Upper
75	100		
53	100.2	83.5	125.3
89	48.6	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

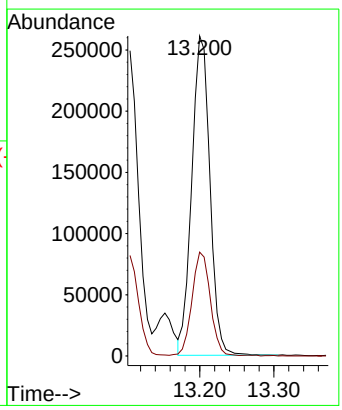
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

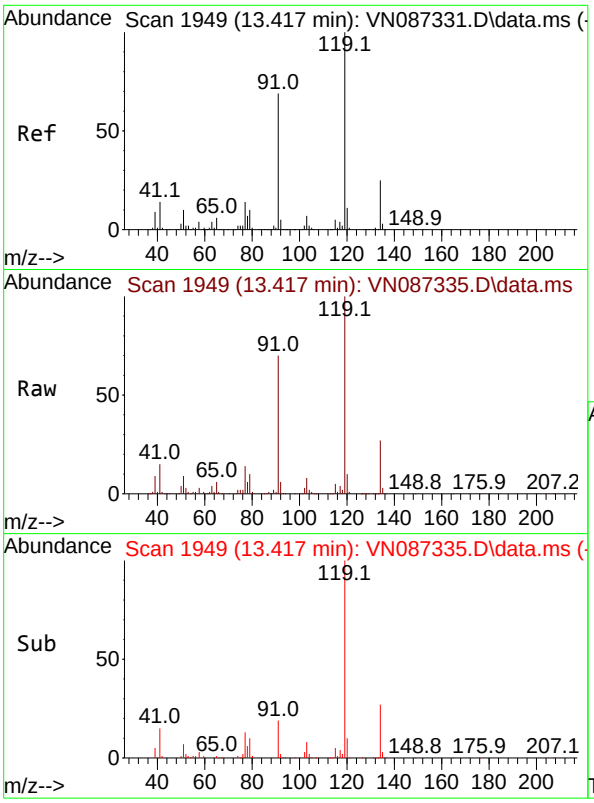


#82
4-Chlorotoluene
Concen: 52.464 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 443817

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.6	49.7

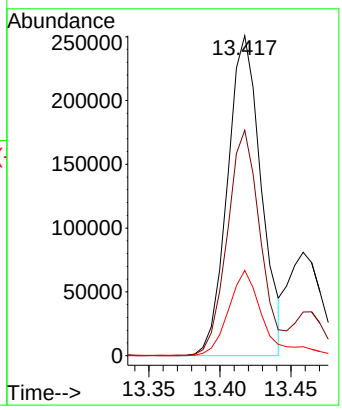




#83
tert-Butylbenzene
Concen: 55.349 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:119 Resp: 41388

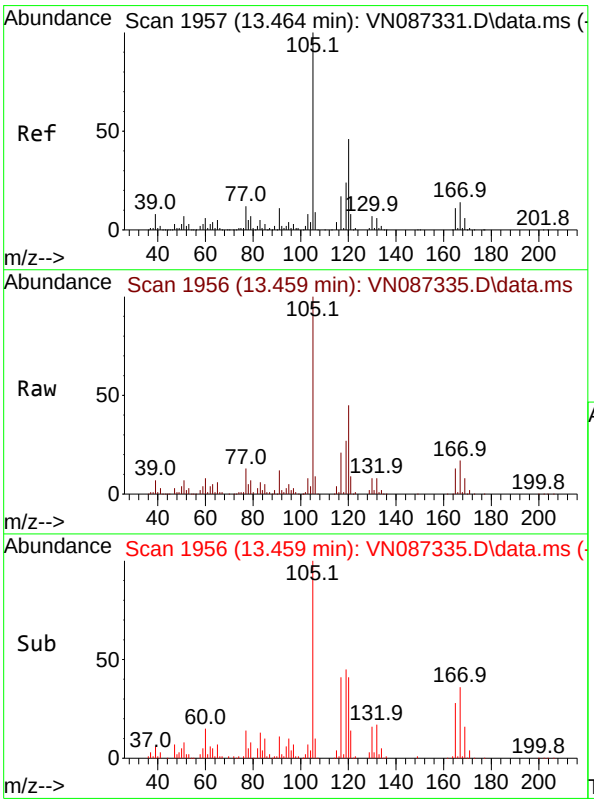
Ion	Ratio	Lower	Upper
119	100		
91	69.7	35.0	105.1
134	27.6	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

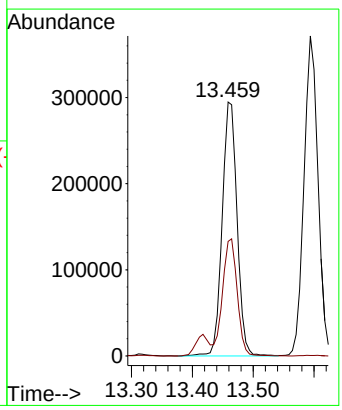
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

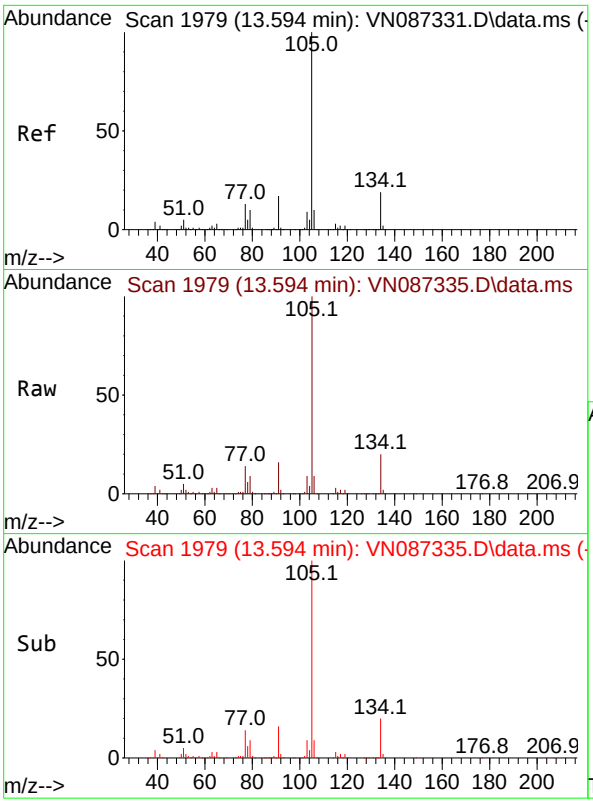


#84
1,2,4-Trimethylbenzene
Concen: 54.773 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:105 Resp: 500792

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.8	68.3

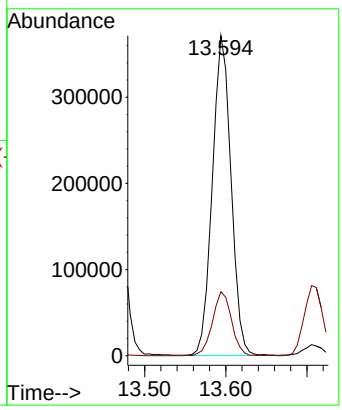




#85
sec-Butylbenzene
Concen: 52.800 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:105 Resp: 59471

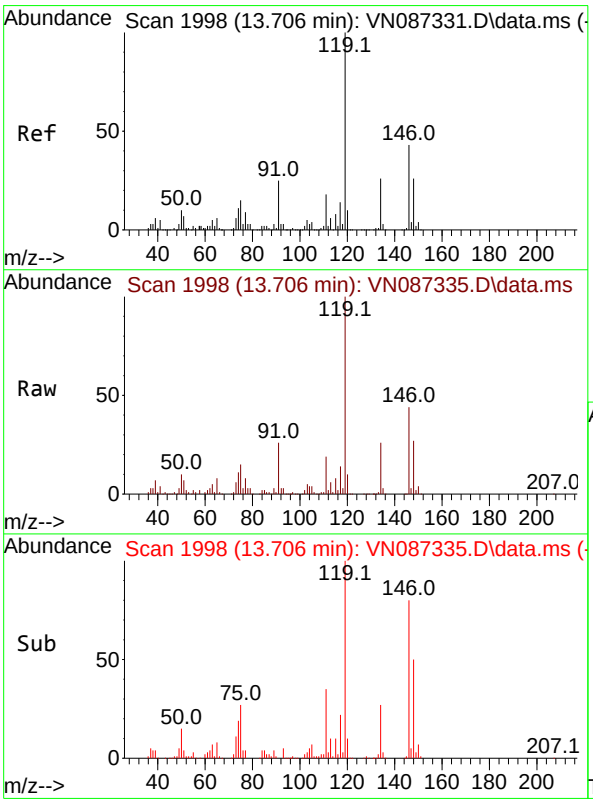
Ion	Ratio	Lower	Upper
105	100		
134	20.4	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

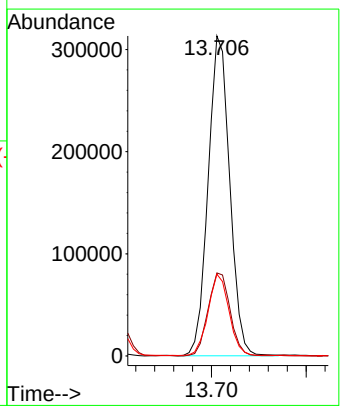
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

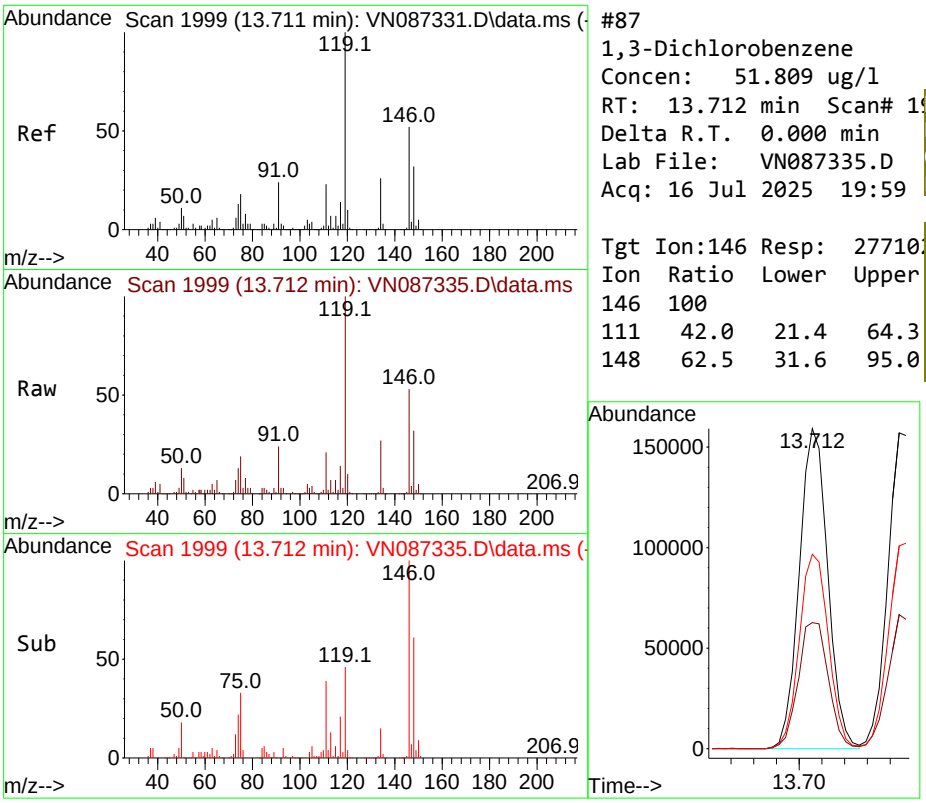


#86
p-Isopropyltoluene
Concen: 54.982 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:119 Resp: 496291

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.5
91	24.6	12.2	36.6





#87
1,3-Dichlorobenzene
Concen: 51.809 ug/l
RT: 13.712 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

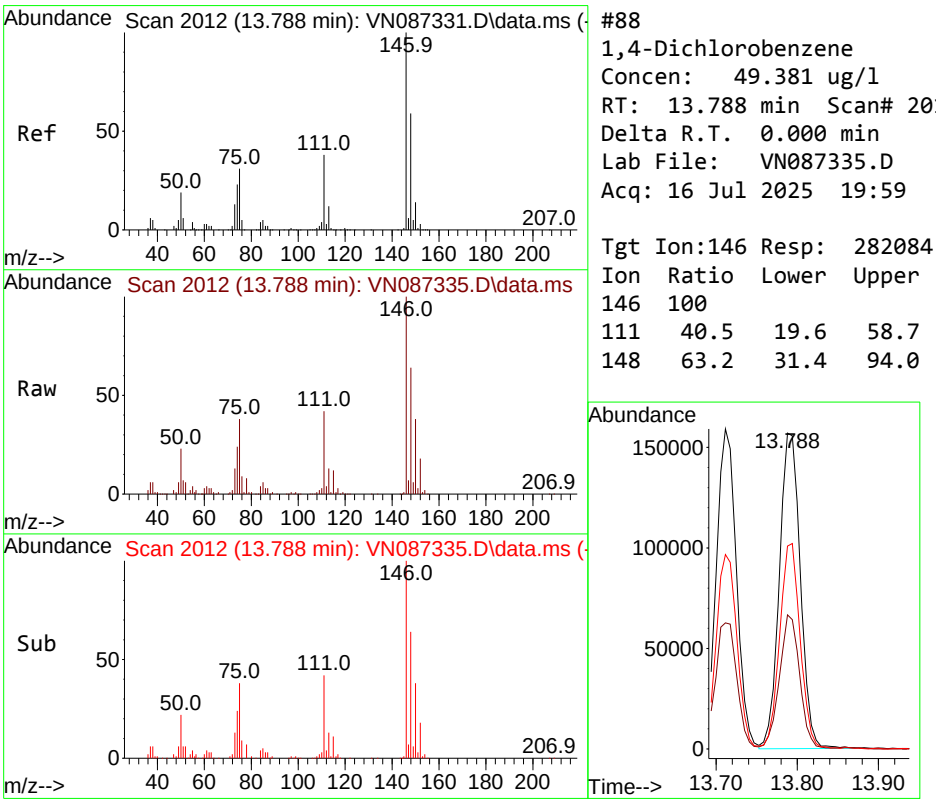
Tgt Ion:146 Resp: 27710

Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	62.5	31.6	95.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

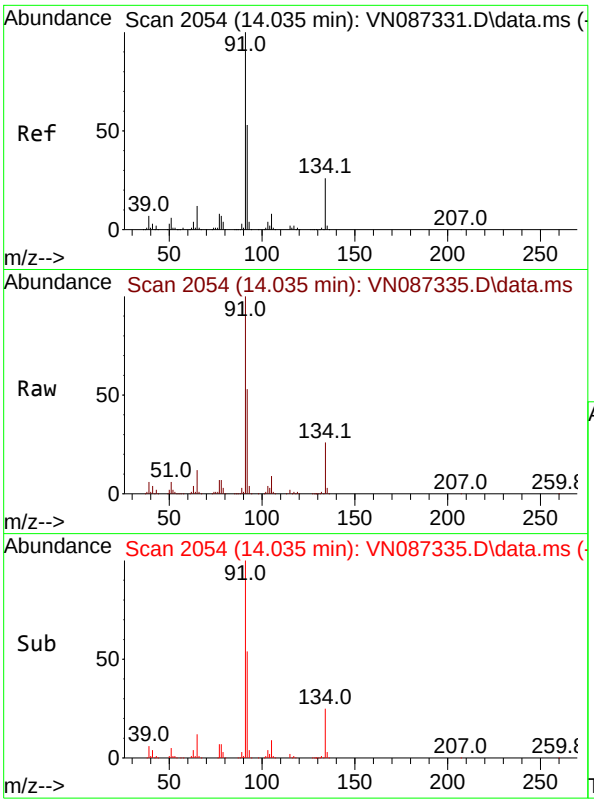
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88
1,4-Dichlorobenzene
Concen: 49.381 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:146 Resp: 282084

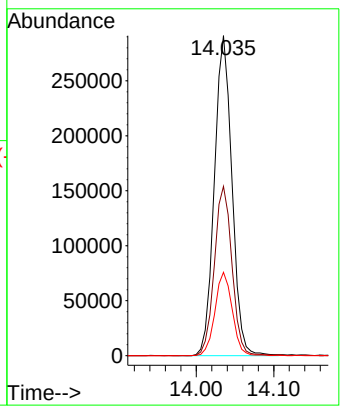
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	63.2	31.4	94.0



#89
n-Butylbenzene
Concen: 53.250 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 45896

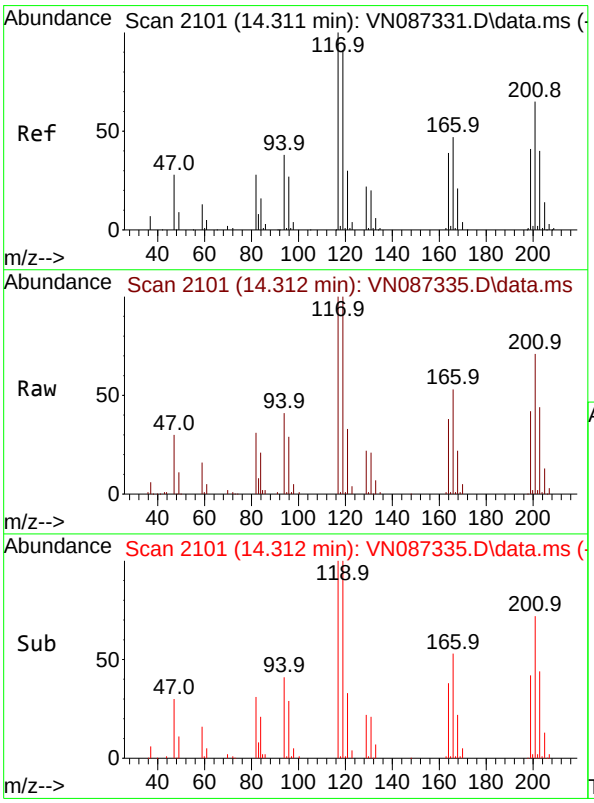
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.2	78.6
134	25.7	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

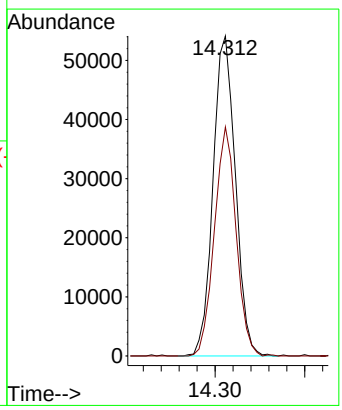
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

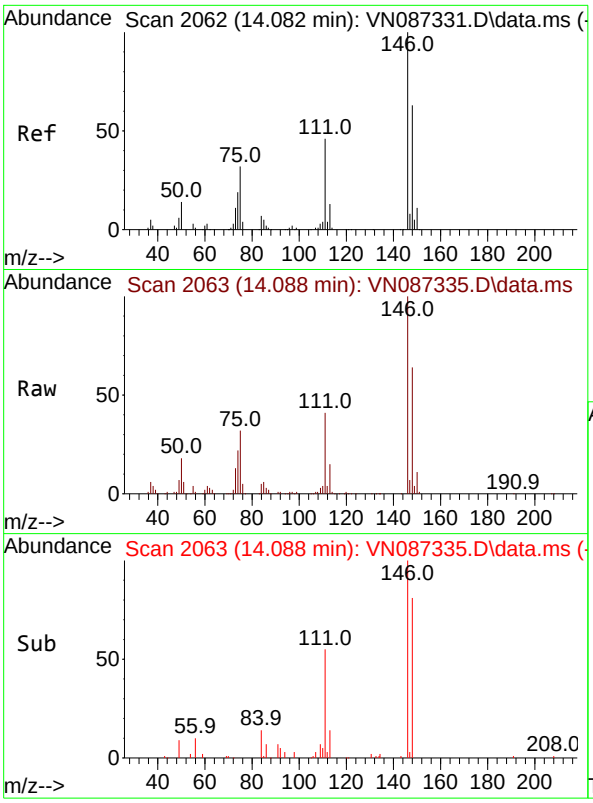


#90
Hexachloroethane
Concen: 48.870 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:117 Resp: 93464

Ion	Ratio	Lower	Upper
117	100		
201	69.6	32.8	98.4

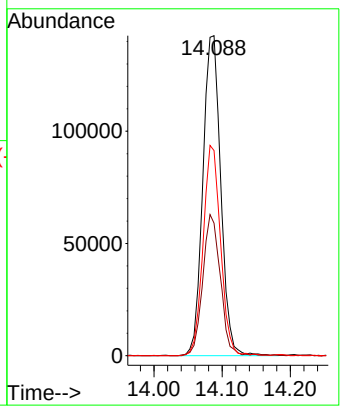




#91
1,2-Dichlorobenzene
Concen: 51.485 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:146 Resp: 26087

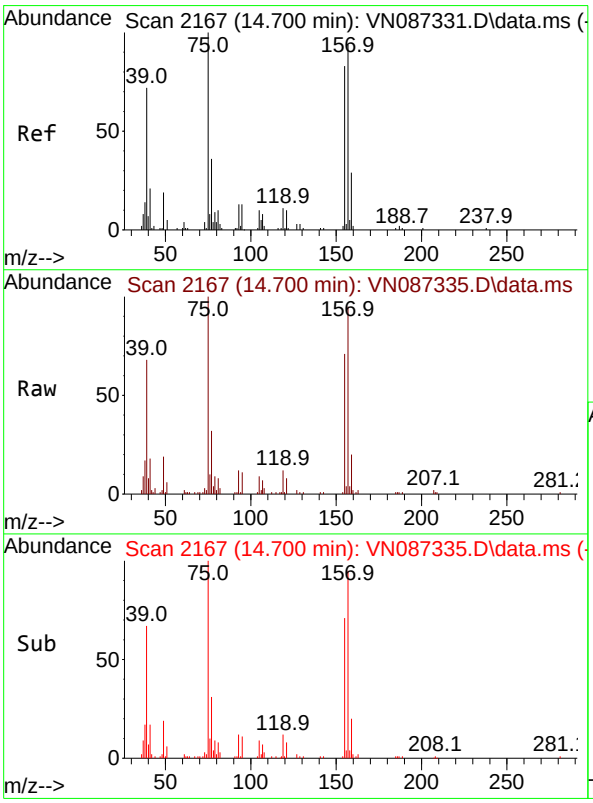
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.0	66.0
148	64.0	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

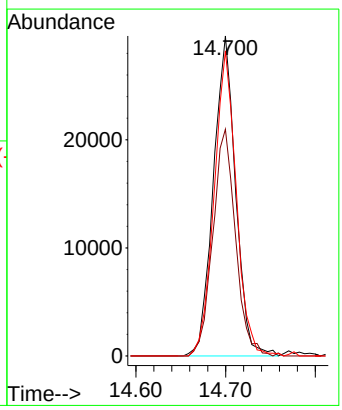
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

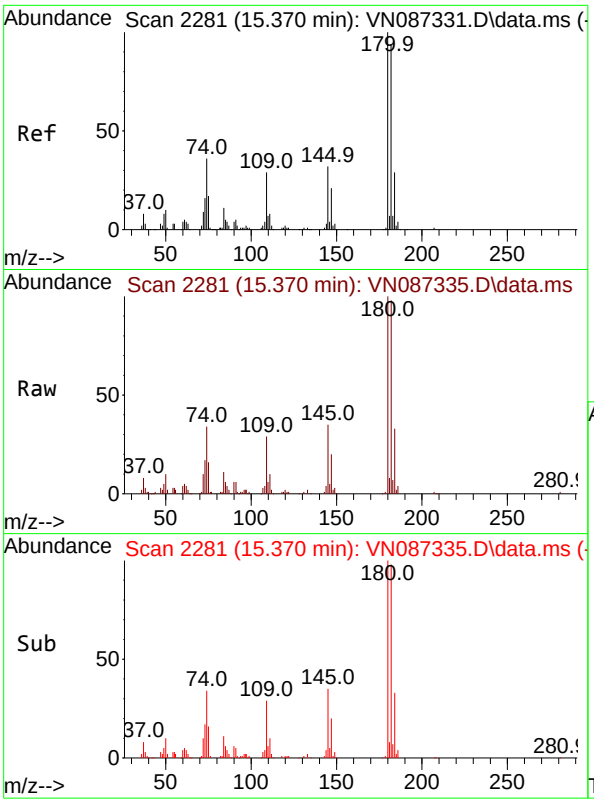


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.035 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 50904

Ion	Ratio	Lower	Upper
75	100		
155	72.3	37.3	111.8
157	95.1	46.2	138.6

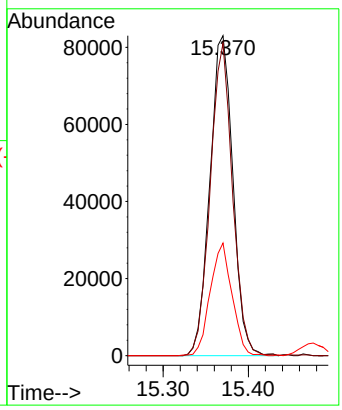




#93
1,2,4-Trichlorobenzene
Concen: 52.351 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:180 Resp: 15581

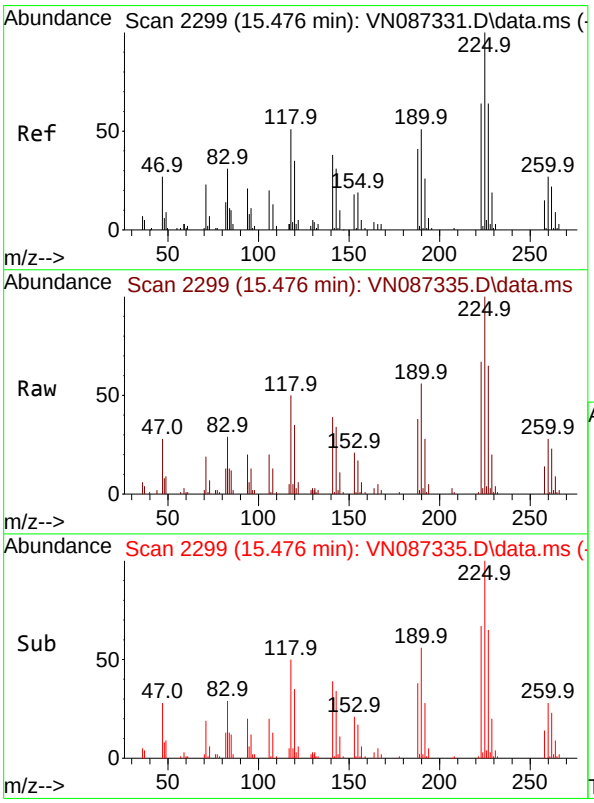
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	33.3	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations APPROVED

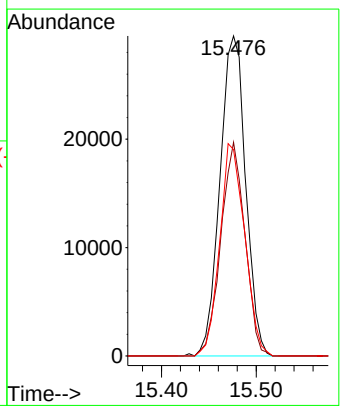
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

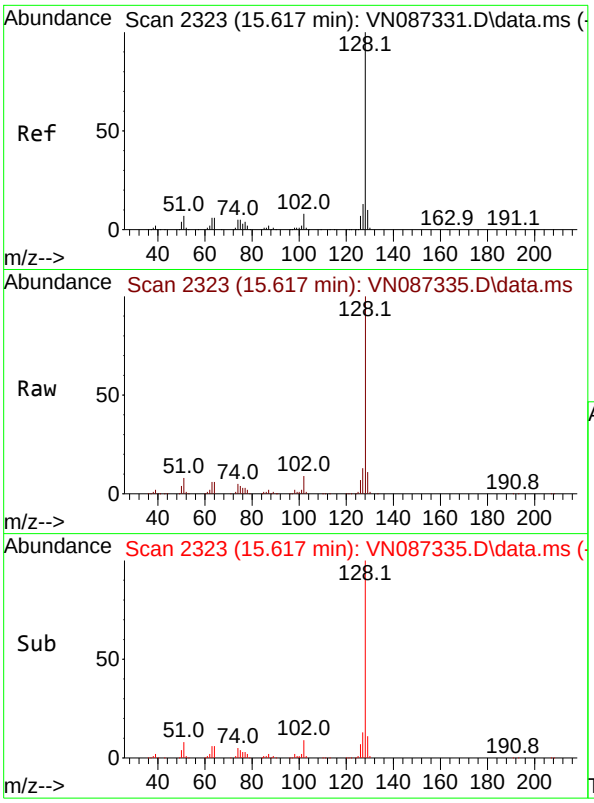


#94
Hexachlorobutadiene
Concen: 50.273 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:225 Resp: 55599

Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.1	96.3
227	64.6	31.3	93.9

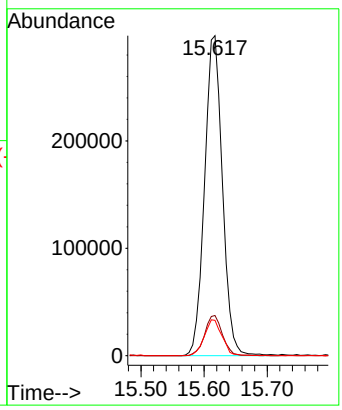




#95
Naphthalene
Concen: 55.585 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:128 Resp: 58609

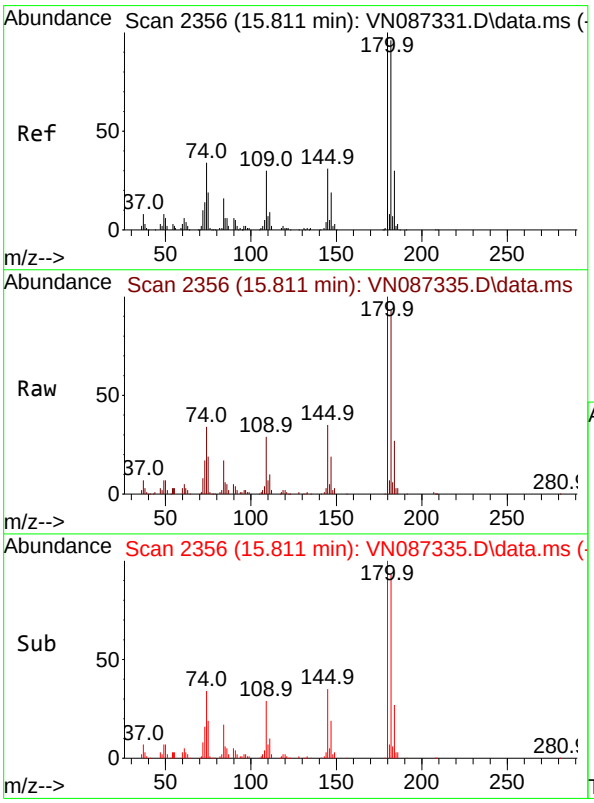
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	11.1	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Manual Integrations
APPROVED

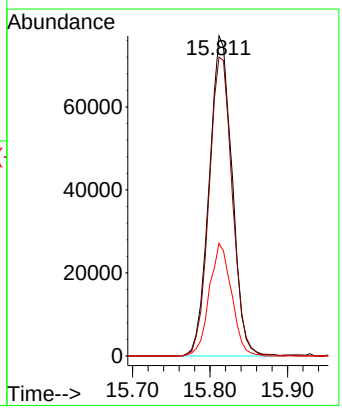
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.890 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:180 Resp: 157909

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.4
145	34.2	16.9	50.6



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	108	0.00
2	T	Dichlorodifluoromethane	0.531	0.616	-16.0	107	0.00
3	P	Chloromethane	0.668	0.681	-1.9	107	0.00
4	C	Vinyl Chloride	0.664	0.711	-7.1#	106	0.00
5	T	Bromomethane	0.344	0.401	-16.6	122	0.00
6	T	Chloroethane	0.433	0.426	1.6	105	0.00
7	T	Trichlorofluoromethane	0.981	0.968	1.3	103	0.00
8	T	Diethyl Ether	0.381	0.387	-1.6	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.504	0.499	1.0	103	0.00
10	T	Methyl Iodide	0.452	0.523	-15.7	115	0.00
11	T	Tert butyl alcohol	0.161	0.169	-5.0	114	0.00
12	CM	1,1-Dichloroethene	0.571	0.519	9.1#	103	0.00
13	T	Acrolein	0.129	0.143	-10.9	128	0.00
14	T	Allyl chloride	1.033	1.013	1.9	110	0.00
15	T	Acrylonitrile	0.437	0.442	-1.1	106	0.00
16	T	Acetone	0.398	0.379	4.8	106	0.00
17	T	Carbon Disulfide	1.693	1.691	0.1	106	0.00
18	T	Methyl Acetate	0.999	0.982	1.7	107	0.00
19	T	Methyl tert-butyl Ether	2.104	2.144	-1.9	107	0.00
20	T	Methylene Chloride	0.766	0.665	13.2	107	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.609	5.4	101	0.00
22	T	Diisopropyl ether	2.167	2.219	-2.4	105	0.00
23	T	Vinyl Acetate	1.895	2.070	-9.2	106	0.00
24	P	1,1-Dichloroethane	1.250	1.205	3.6	107	0.00
25	T	2-Butanone	0.615	0.628	-2.1	106	0.00
26	T	2,2-Dichloropropane	0.972	0.888	8.6	98	0.00
27	T	cis-1,2-Dichloroethene	0.741	0.749	-1.1	106	0.00
28	T	Bromochloromethane	0.598	0.587	1.8	107	0.00
29	T	Tetrahydrofuran	0.399	0.416	-4.3	106	0.00
30	C	Chloroform	1.251	1.209	3.4#	103	0.00
31	T	Cyclohexane	1.043	1.023	1.9	106	0.00
32	T	1,1,1-Trichloroethane	1.084	1.071	1.2	107	0.00
33	S	1,2-Dichloroethane-d4	0.848	0.818	3.5	111	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.345	0.344	0.3	109	0.00
36	T	1,1-Dichloropropene	0.456	0.489	-7.2	106	0.00
37	T	Ethyl Acetate	0.658	0.704	-7.0	105	0.00
38	T	Carbon Tetrachloride	0.502	0.530	-5.6	108	0.00
39	T	Methylcyclohexane	0.493	0.524	-6.3	104	0.00
40	TM	Benzene	1.473	1.543	-4.8	105	0.00
41	T	Methacrylonitrile	0.344	0.371	-7.8	106	0.00
42	TM	1,2-Dichloroethane	0.558	0.568	-1.8	105	0.00
43	T	Isopropyl Acetate	1.022	1.093	-6.9	108	0.00
44	TM	Trichloroethene	0.348	0.346	0.6	102	0.00
45	C	1,2-Dichloropropane	0.374	0.396	-5.9#	106	0.00
46	T	Dibromomethane	0.280	0.287	-2.5	105	0.00
47	T	Bromodichloromethane	0.564	0.583	-3.4	108	0.00
48	T	Methyl methacrylate	0.460	0.516	-12.2	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.008	-14.3	109	0.00
50	S	Toluene-d8	1.230	1.269	-3.2	109	0.00
51	T	4-Methyl-2-Pentanone	0.646	0.695	-7.6	106	0.00
52	CM	Toluene	0.895	0.935	-4.5#	102	0.00
53	T	t-1,3-Dichloropropene	0.571	0.624	-9.3	106	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.630	-6.8	105	0.00
55	T	1,1,2-Trichloroethane	0.362	0.362	0.0	104	0.00
56	T	Ethyl methacrylate	0.552	0.648	-17.4	109	0.00
57	T	1,3-Dichloropropane	0.627	0.654	-4.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.339	-14.1	103	0.00
59	T	2-Hexanone	0.429	0.495	-15.4	105	0.00
60	T	Dibromochloromethane	0.413	0.436	-5.6	107	0.00
61	T	1,2-Dibromoethane	0.381	0.394	-3.4	108	0.00
62	S	4-Bromofluorobenzene	0.455	0.481	-5.7	111	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.322	0.308	4.3	102	0.00
65	PM	Chlorobenzene	1.123	1.088	3.1	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.386	-1.0	105	0.00
67	C	Ethyl Benzene	1.848	1.904	-3.0#	104	0.00
68	T	m/p-Xylenes	0.692	0.728	-5.2	102	0.00
69	T	o-Xylene	0.661	0.704	-6.5	104	0.00
70	T	Styrene	1.112	1.212	-9.0	103	0.00
71	P	Bromoform	0.308	0.321	-4.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.147	3.438	-9.2	107	0.00
74	T	N-amyl acetate	1.307	1.307	0.0	121	0.00
75	P	1,1,2,2-Tetrachloroethane	1.184	1.222	-3.2	107	0.00
76	T	1,2,3-Trichloropropane	1.121	1.053	6.1	93	0.00
77	T	Bromobenzene	0.816	0.855	-4.8	104	0.00
78	T	n-propylbenzene	3.959	4.249	-7.3	104	0.00
79	T	2-Chlorotoluene	2.433	2.554	-5.0	106	0.00
80	T	1,3,5-Trimethylbenzene	2.681	2.900	-8.2	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.419	-2.2	109	0.00
82	T	4-Chlorotoluene	2.533	2.658	-4.9	106	0.00
83	T	tert-Butylbenzene	2.239	2.479	-10.7	108	0.00
84	T	1,2,4-Trimethylbenzene	2.738	2.999	-9.5	105	0.00
85	T	sec-Butylbenzene	3.373	3.562	-5.6	105	0.00
86	T	p-Isopropyltoluene	2.703	2.973	-10.0	105	0.00
87	T	1,3-Dichlorobenzene	1.602	1.660	-3.6	105	0.00
88	T	1,4-Dichlorobenzene	1.711	1.690	1.2	105	0.00
89	T	n-Butylbenzene	2.581	2.749	-6.5	105	0.00
90	T	Hexachloroethane	0.573	0.560	2.3	102	0.00
91	T	1,2-Dichlorobenzene	1.517	1.563	-3.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.305	1.9	106	0.00
93	T	1,2,4-Trichlorobenzene	0.891	0.933	-4.7	105	0.00
94	T	Hexachlorobutadiene	0.331	0.333	-0.6	107	0.00
95	T	Naphthalene	3.158	3.510	-11.1	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.894	0.946	-5.8	108	0.00

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

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	58.029	-16.1	107	0.00
3	P	Chloromethane	50.000	50.986	-2.0	107	0.00
4	C	Vinyl Chloride	50.000	53.589	-7.2#	106	0.00
5	T	Bromomethane	50.000	58.322	-16.6	122	0.00
6	T	Chloroethane	50.000	49.172	1.7	105	0.00
7	T	Trichlorofluoromethane	50.000	49.336	1.3	103	0.00
8	T	Diethyl Ether	50.000	50.861	-1.7	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.520	1.0	103	0.00
10	T	Methyl Iodide	50.000	50.369	-0.7	115	0.00
11	T	Tert butyl alcohol	250.000	262.884	-5.2	114	0.00
12	CM	1,1-Dichloroethene	50.000	45.432	9.1#	103	0.00
13	T	Acrolein	250.000	277.145	-10.9	128	0.00
14	T	Allyl chloride	50.000	49.004	2.0	110	0.00
15	T	Acrylonitrile	250.000	252.616	-1.0	106	0.00
16	T	Acetone	250.000	237.913	4.8	106	0.00
17	T	Carbon Disulfide	50.000	49.947	0.1	106	0.00
18	T	Methyl Acetate	50.000	49.111	1.8	107	0.00
19	T	Methyl tert-butyl Ether	50.000	50.939	-1.9	107	0.00
20	T	Methylene Chloride	50.000	49.445	1.1	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.283	5.4	101	0.00
22	T	Diisopropyl ether	50.000	51.191	-2.4	105	0.00
23	T	Vinyl Acetate	250.000	273.101	-9.2	106	0.00
24	P	1,1-Dichloroethane	50.000	48.170	3.7	107	0.00
25	T	2-Butanone	250.000	255.411	-2.2	106	0.00
26	T	2,2-Dichloropropane	50.000	45.700	8.6	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.543	-1.1	106	0.00
28	T	Bromochloromethane	50.000	49.089	1.8	107	0.00
29	T	Tetrahydrofuran	250.000	260.404	-4.2	106	0.00
30	C	Chloroform	50.000	48.306	3.4#	103	0.00
31	T	Cyclohexane	50.000	49.042	1.9	106	0.00
32	T	1,1,1-Trichloroethane	50.000	49.412	1.2	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.204	3.6	111	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	49.934	0.1	109	0.00
36	T	1,1-Dichloropropene	50.000	53.690	-7.4	106	0.00
37	T	Ethyl Acetate	50.000	53.525	-7.0	105	0.00
38	T	Carbon Tetrachloride	50.000	52.821	-5.6	108	0.00
39	T	Methylcyclohexane	50.000	53.109	-6.2	104	0.00
40	TM	Benzene	50.000	52.380	-4.8	105	0.00
41	T	Methacrylonitrile	50.000	53.895	-7.8	106	0.00
42	TM	1,2-Dichloroethane	50.000	50.821	-1.6	105	0.00
43	T	Isopropyl Acetate	50.000	53.477	-7.0	108	0.00
44	TM	Trichloroethene	50.000	49.731	0.5	102	0.00
45	C	1,2-Dichloropropane	50.000	52.900	-5.8#	106	0.00
46	T	Dibromomethane	50.000	51.241	-2.5	105	0.00
47	T	Bromodichloromethane	50.000	51.696	-3.4	108	0.00
48	T	Methyl methacrylate	50.000	56.096	-12.2	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	1177.300	-17.7	109	0.00
50	S	Toluene-d8	50.000	51.573	-3.1	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.966	-7.6	106	0.00
52	CM	Toluene	50.000	52.236	-4.5#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	54.628	-9.3	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.351	-6.7	105	0.00
55	T	1,1,2-Trichloroethane	50.000	49.889	0.2	104	0.00
56	T	Ethyl methacrylate	50.000	53.042	-6.1	109	0.00
57	T	1,3-Dichloropropane	50.000	52.202	-4.4	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.088	-14.0	103	0.00
59	T	2-Hexanone	250.000	288.579	-15.4	105	0.00
60	T	Dibromochloromethane	50.000	52.685	-5.4	107	0.00
61	T	1,2-Dibromoethane	50.000	51.746	-3.5	108	0.00
62	S	4-Bromofluorobenzene	50.000	52.942	-5.9	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	47.819	4.4	102	0.00
65	PM	Chlorobenzene	50.000	48.477	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.530	-1.1	105	0.00
67	C	Ethyl Benzene	50.000	51.523	-3.0#	104	0.00
68	T	m/p-Xylenes	100.000	105.269	-5.3	102	0.00
69	T	o-Xylene	50.000	53.221	-6.4	104	0.00
70	T	Styrene	50.000	54.477	-9.0	103	0.00
71	P	Bromoform	50.000	51.987	-4.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	54.619	-9.2	107	0.00
74	T	N-amyl acetate	50.000	49.972	0.1	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.580	-3.2	107	0.00
76	T	1,2,3-Trichloropropane	50.000	46.955	6.1	93	0.00
77	T	Bromobenzene	50.000	52.368	-4.7	104	0.00
78	T	n-propylbenzene	50.000	53.661	-7.3	104	0.00
79	T	2-Chlorotoluene	50.000	52.475	-5.0	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.071	-8.1	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.080	-2.2	109	0.00
82	T	4-Chlorotoluene	50.000	52.464	-4.9	106	0.00
83	T	tert-Butylbenzene	50.000	55.349	-10.7	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.773	-9.5	105	0.00
85	T	sec-Butylbenzene	50.000	52.800	-5.6	105	0.00
86	T	p-Isopropyltoluene	50.000	54.982	-10.0	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.809	-3.6	105	0.00
88	T	1,4-Dichlorobenzene	50.000	49.381	1.2	105	0.00
89	T	n-Butylbenzene	50.000	53.250	-6.5	105	0.00
90	T	Hexachloroethane	50.000	48.870	2.3	102	0.00
91	T	1,2-Dichlorobenzene	50.000	51.485	-3.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.035	1.9	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.351	-4.7	105	0.00
94	T	Hexachlorobutadiene	50.000	50.273	-0.5	107	0.00
95	T	Naphthalene	50.000	55.585	-11.2	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
Data File : VN087335.D
Acq On : 16 Jul 2025 19:59
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

Quant Time: Jul 17 03:00:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	52.890	-5.8	108	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: DAYE01
Lab Code: ACE
SDG No.: Q2816
Instrument ID: MSVOA_N
Calibration Date/Time: 08/12/2025 10:24
Lab File ID: VN087502.D
Init. Calib. Date(s): 07/16/2025 07/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 17:05 18:54
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.639		20.34	20
Chloromethane	0.668	0.654	0.1	-2.1	20
Vinyl Chloride	0.664	0.733		10.39	20
Bromomethane	0.344	0.404		17.44	20
Chloroethane	0.433	0.480		10.85	20
Trichlorofluoromethane	0.981	1.038		5.81	20
1,1,2-Trichlorotrifluoroethane	0.504	0.554		9.92	20
1,1-Dichloroethene	0.571	0.573		0.35	20
Acetone	0.398	0.470		18.09	20
Carbon Disulfide	1.693	1.707		0.83	20
Methyl tert-butyl Ether	2.104	2.549		21.15	20
Methyl Acetate	0.999	1.151		15.22	20
Methylene Chloride	0.766	0.719		-6.14	20
trans-1,2-Dichloroethene	0.644	0.660		2.48	20
1,1-Dichloroethane	1.250	1.361	0.1	8.88	20
Cyclohexane	1.043	1.110		6.42	20
2-Butanone	0.615	0.671		9.11	20
Carbon Tetrachloride	0.502	0.510		1.59	20
cis-1,2-Dichloroethene	0.741	0.825		11.34	20
Bromochloromethane	0.598	0.624		4.35	20
Chloroform	1.251	1.408		12.55	20
1,1,1-Trichloroethane	1.084	1.184		9.23	20
Methylcyclohexane	0.493	0.524		6.29	20
Benzene	1.473	1.523		3.39	20
1,2-Dichloroethane	0.558	0.594		6.45	20
Trichloroethene	0.348	0.339		-2.59	20
1,2-Dichloropropane	0.374	0.386		3.21	20
Bromodichloromethane	0.564	0.596		5.67	20
4-Methyl-2-Pentanone	0.646	0.681		5.42	20
Toluene	0.895	0.942		5.25	20
t-1,3-Dichloropropene	0.571	0.656		14.89	20
cis-1,3-Dichloropropene	0.590	0.659		11.69	20
1,1,2-Trichloroethane	0.362	0.374		3.32	20
2-Hexanone	0.429	0.474		10.49	20
Dibromochloromethane	0.413	0.436		5.57	20
1,2-Dibromoethane	0.381	0.392		2.89	20
Tetrachloroethene	0.322	0.291		-9.63	20
Chlorobenzene	1.123	1.120	0.3	-0.27	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:	DAYE01
Lab Code:	ACE	SDG No.:	Q2816
Instrument ID:	MSVOA_N	Calibration Date/Time:	08/12/2025 10:24
Lab File ID:	VN087502.D	Init. Calib. Date(s):	07/16/2025 07/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	17:05 18:54

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.848	2.004		8.44	20
m/p-Xylenes	0.692	0.741		7.08	20
o-Xylene	0.661	0.730		10.44	20
Styrene	1.112	1.270		14.21	20
Bromoform	0.308	0.318	0.1	3.25	20
Isopropylbenzene	3.147	3.777		20.02	20
1,1,2,2-Tetrachloroethane	1.184	1.273	0.3	7.52	20
1,3-Dichlorobenzene	1.602	1.706		6.49	20
1,4-Dichlorobenzene	1.711	1.726		0.88	20
1,2-Dichlorobenzene	1.517	1.659		9.36	20
1,2-Dibromo-3-Chloropropane	0.311	0.323		3.86	20
1,2,4-Trichlorobenzene	0.891	1.000		12.23	20
1,2,3-Trichlorobenzene	0.894	0.984		10.07	20
1,2-Dichloroethane-d4	0.848	0.900		6.13	20
Dibromofluoromethane	0.345	0.326		-5.51	20
Toluene-d8	1.230	1.195		-2.85	20
4-Bromofluorobenzene	0.455	0.463		1.76	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\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	330662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	639180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	587049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	297500	53.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.040%			
35) Dibromofluoromethane	8.153	113	208126	47.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	10.547	98	763783	48.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.120%			
62) 4-Bromofluorobenzene	12.829	95	295656	50.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	211220	60.142	ug/l	95
3) Chloromethane	2.383	50	216269	48.969	ug/l	94
4) Vinyl Chloride	2.536	62	242275	55.200	ug/l	95
5) Bromomethane	2.971	94	133458	58.718	ug/l	96
6) Chloroethane	3.136	64	158680	55.437	ug/l	100
7) Trichlorofluoromethane	3.506	101	343225	52.885	ug/l	99
8) Diethyl Ether	3.965	74	149057	59.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	183251	55.004	ug/l	96
10) Methyl Iodide	4.583	142	137060	41.116	ug/l	93
11) Tert butyl alcohol	5.524	59	303122	284.532	ug/l	99
12) 1,1-Dichloroethene	4.336	96	189402	50.168	ug/l	94
13) Acrolein	4.177	56	261207	305.520	ug/l	99
14) Allyl chloride	5.012	41	372445	54.511	ug/l	92
15) Acrylonitrile	5.706	53	762586	263.788	ug/l	100
16) Acetone	4.424	43	777558	295.575	ug/l	98
17) Carbon Disulfide	4.700	76	564468	50.431	ug/l #	93
18) Methyl Acetate	5.018	43	380435	57.561	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	842980	60.578	ug/l	98
20) Methylene Chloride	5.265	84	237685	53.492	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	218270	51.275	ug/l	98
22) Diisopropyl ether	6.659	45	853871	59.579	ug/l	93
23) Vinyl Acetate	6.594	43	3942297	314.517	ug/l	99
24) 1,1-Dichloroethane	6.553	63	450092	54.436	ug/l	100
25) 2-Butanone	7.471	43	1108664	272.759	ug/l	96
26) 2,2-Dichloropropane	7.477	77	401418	62.444	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	272679	55.638	ug/l	95
28) Bromochloromethane	7.800	49	206493	52.182	ug/l	95
29) Tetrahydrofuran	7.829	42	724045	274.208	ug/l	100
30) Chloroform	7.953	83	465493	56.246	ug/l	98
31) Cyclohexane	8.241	56	367045	53.214	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	391648	54.638	ug/l	98
36) 1,1-Dichloropropene	8.353	75	298749	51.286	ug/l	99
37) Ethyl Acetate	7.547	43	430984	51.229	ug/l	99
38) Carbon Tetrachloride	8.341	117	326189	50.833	ug/l	92
39) Methylcyclohexane	9.582	83	334615	53.058	ug/l	96
40) Benzene	8.588	78	973729	51.720	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	250885	57.033	ug/l		96
42) 1,2-Dichloroethane	8.653	62	379576	53.165	ug/l		98
43) Isopropyl Acetate	8.677	43	712456	54.554	ug/l		98
44) Trichloroethene	9.335	130	216430	48.652	ug/l		91
45) 1,2-Dichloropropane	9.606	63	246730	51.577	ug/l		94
46) Dibromomethane	9.688	93	183110	51.124	ug/l		97
47) Bromodichloromethane	9.871	83	380818	52.785	ug/l		99
48) Methyl methacrylate	9.665	41	342785	58.304	ug/l		94
49) 1,4-Dioxane	9.682	88	94453	1048.916	ug/l	#	98
51) 4-Methyl-2-Pentanone	10.429	43	2176445	263.494	ug/l		98
52) Toluene	10.612	92	601880	52.597	ug/l		98
53) t-1,3-Dichloropropene	10.818	75	419058	57.395	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	421265	55.857	ug/l	#	89
55) 1,1,2-Trichloroethane	10.994	97	239225	51.637	ug/l		93
56) Ethyl methacrylate	10.859	69	421434	53.919	ug/l	#	94
57) 1,3-Dichloropropane	11.141	76	422100	52.696	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1112387	292.701	ug/l		99
59) 2-Hexanone	11.176	43	1516088	276.651	ug/l		99
60) Dibromochloromethane	11.341	129	278616	52.733	ug/l		99
61) 1,2-Dibromoethane	11.453	107	250244	51.372	ug/l		99
64) Tetrachloroethene	11.082	164	170810	45.208	ug/l		96
65) Chlorobenzene	11.870	112	657775	49.908	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	233230	52.042	ug/l		98
67) Ethyl Benzene	11.941	91	1176241	54.212	ug/l		100
68) m/p-Xylenes	12.053	106	869964	107.076	ug/l		94
69) o-Xylene	12.376	106	428823	55.254	ug/l		95
70) Styrene	12.394	104	745658	57.114	ug/l		98
71) Bromoform	12.559	173	186678	51.560	ug/l	#	98
73) Isopropylbenzene	12.676	105	1101854	60.019	ug/l		98
74) N-amyl acetate	12.500	43	382429	50.138	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.917	83	371197	53.735	ug/l		98
76) 1,2,3-Trichloropropane	12.976	75	323967m	49.529	ug/l		
77) Bromobenzene	12.959	156	258139	54.217	ug/l		93
78) n-propylbenzene	13.017	91	1372237	59.409	ug/l		97
79) 2-Chlorotoluene	13.106	91	822996	57.976	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	937941	59.964	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	134709	56.350	ug/l		97
82) 4-Chlorotoluene	13.200	91	851446	57.610	ug/l		98
83) tert-Butylbenzene	13.417	119	793245	60.719	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	963459	60.315	ug/l		96
85) sec-Butylbenzene	13.594	105	1170651	59.490	ug/l		100
86) p-Isopropyltoluene	13.706	119	975420	61.853	ug/l		96
87) 1,3-Dichlorobenzene	13.711	146	497546	53.246	ug/l		98
88) 1,4-Dichlorobenzene	13.788	146	503587	50.459	ug/l		96
89) n-Butylbenzene	14.035	91	952157	63.231	ug/l		100
90) Hexachloroethane	14.311	117	185894	55.635	ug/l		96
91) 1,2-Dichlorobenzene	14.082	146	483934	54.667	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	94271	51.978	ug/l		96
93) 1,2,4-Trichlorobenzene	15.370	180	291601	56.077	ug/l		98
94) Hexachlorobutadiene	15.476	225	107072	55.415	ug/l		98
95) Naphthalene	15.617	128	1074791	58.344	ug/l		100
96) 1,2,3-Trichlorobenzene	15.817	180	287140	55.049	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

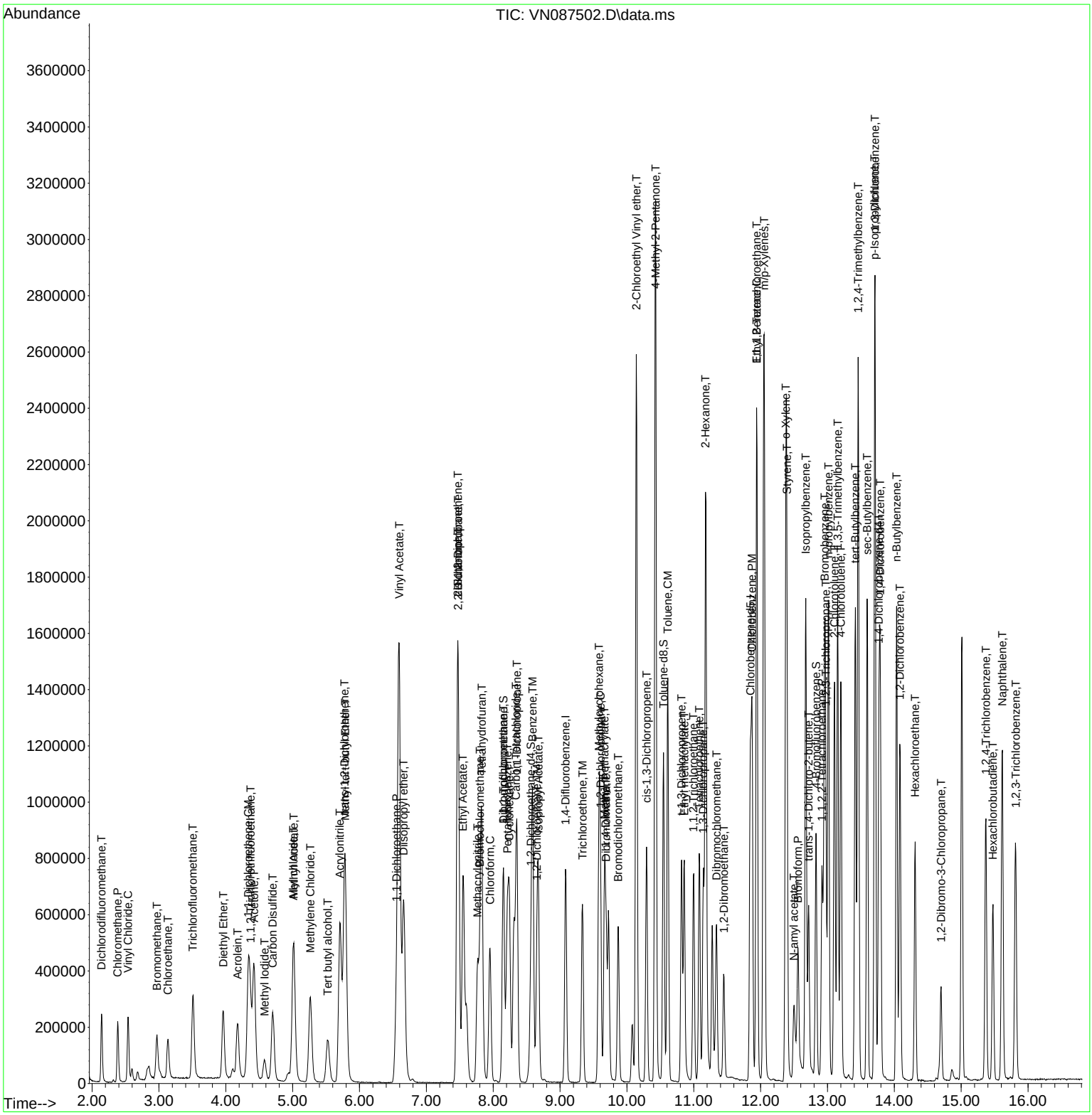
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Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

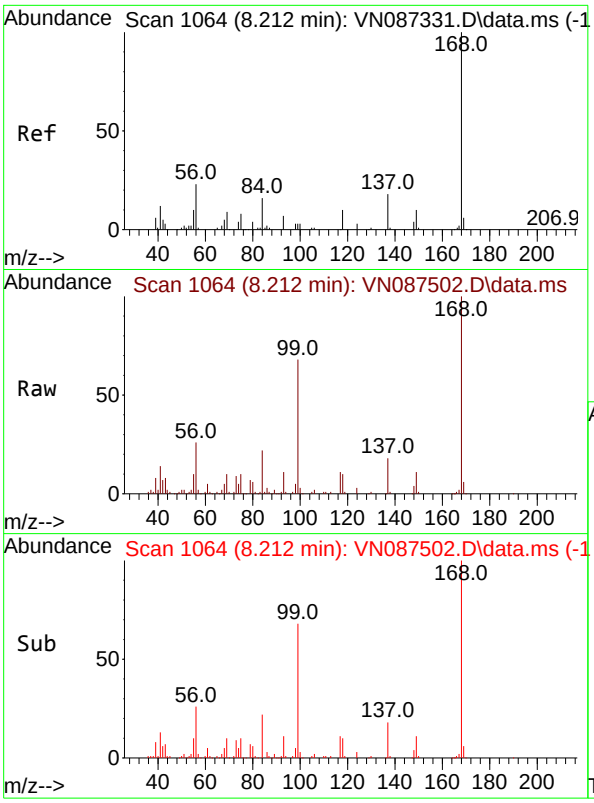
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
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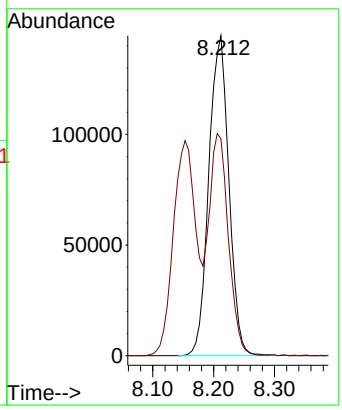




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:168 Resp: 33066

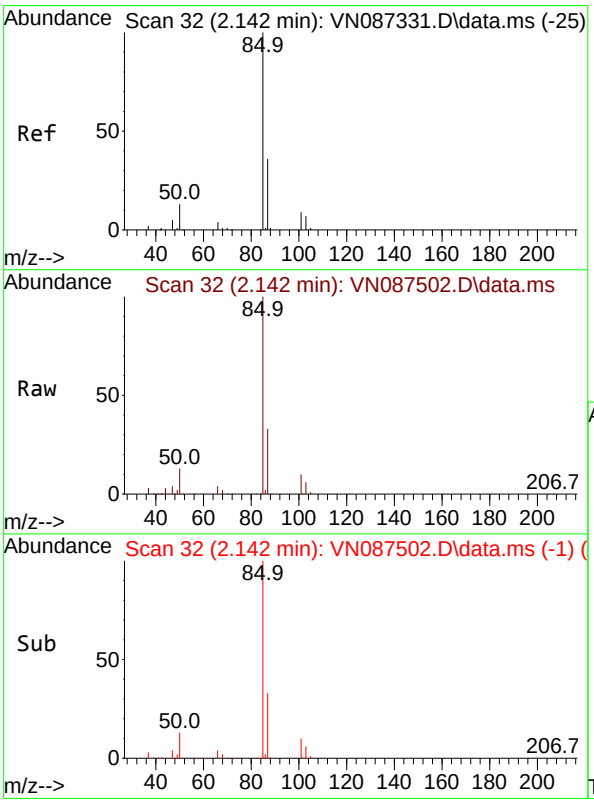
Ion	Ratio	Lower	Upper
168	100		
99	67.8	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

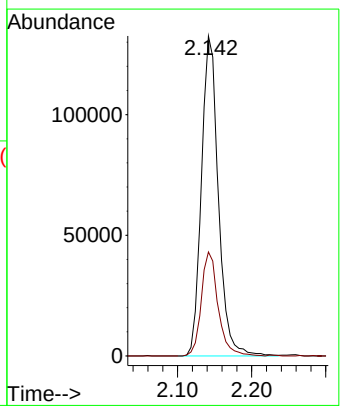
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

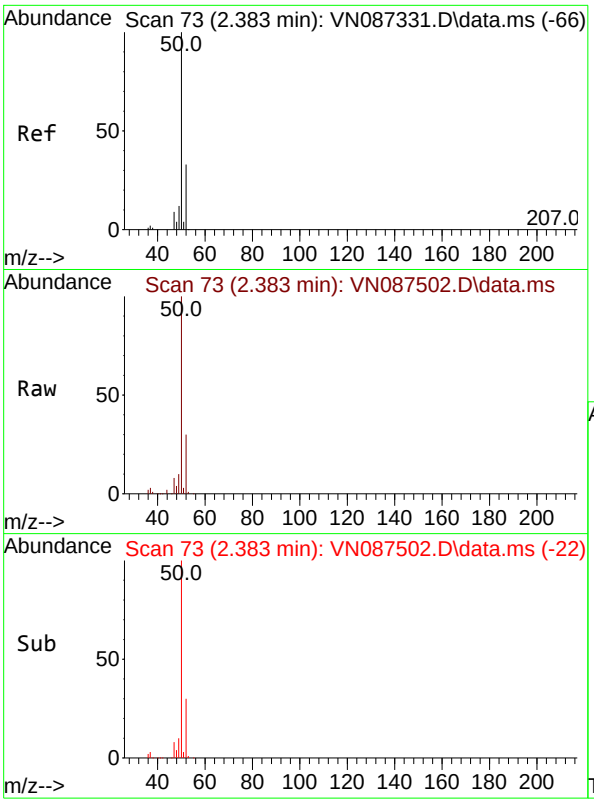


#2
Dichlorodifluoromethane
Concen: 60.142 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 85 Resp: 211220

Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.8	53.3

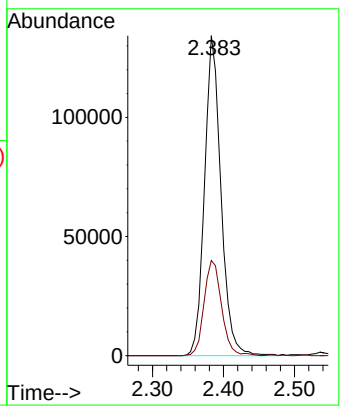




#3
Chloromethane
Concen: 48.969 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 50 Resp: 21626

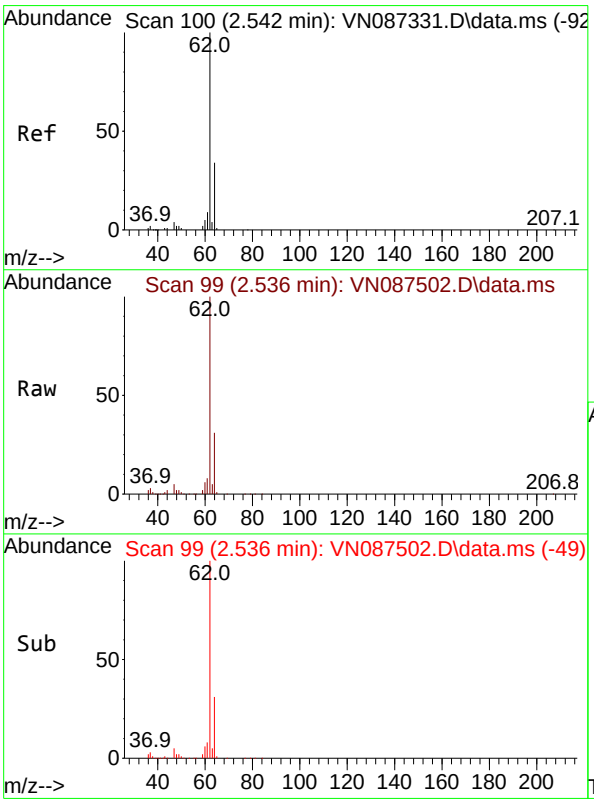
Ion	Ratio	Lower	Upper
50	100		
52	29.8	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

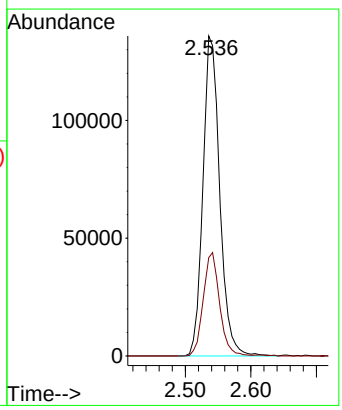
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

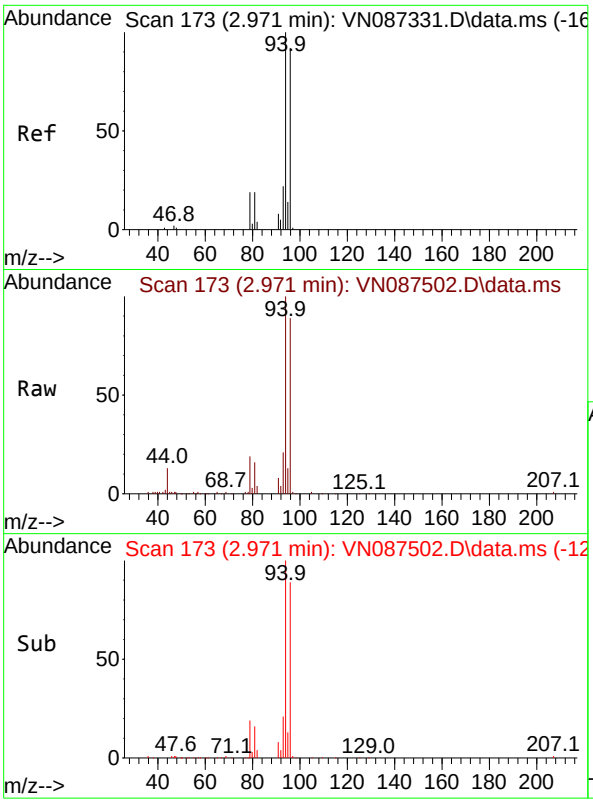


#4
Vinyl Chloride
Concen: 55.200 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 62 Resp: 242275

Ion	Ratio	Lower	Upper
62	100		
64	30.7	27.0	40.6

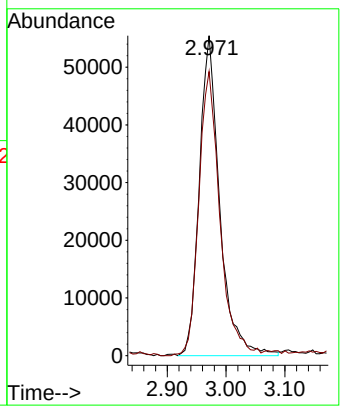




#5
Bromomethane
Concen: 58.718 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 94 Resp: 13345

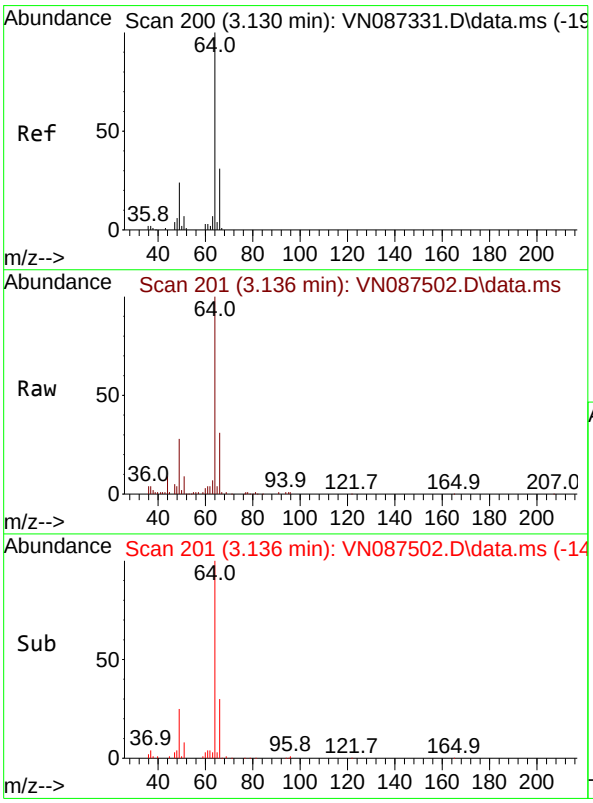
Ion	Ratio	Lower	Upper
94	100		
96	88.3	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

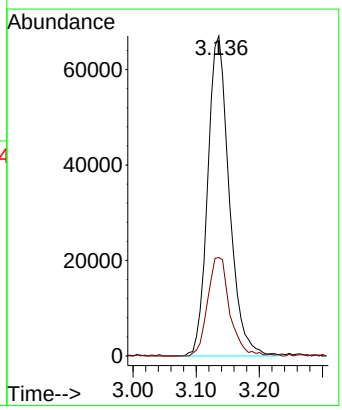
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

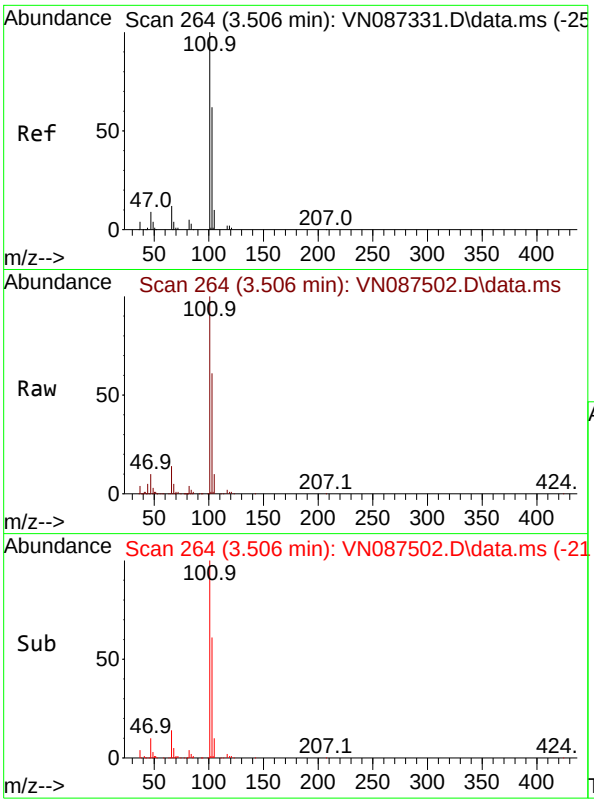


#6
Chloroethane
Concen: 55.437 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 64 Resp: 158680

Ion	Ratio	Lower	Upper
64	100		
66	30.7	24.6	36.8

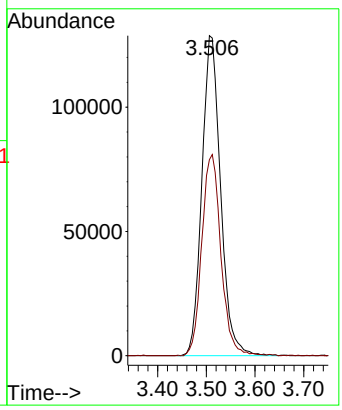




#7
Trichlorofluoromethane
Concen: 52.885 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:101 Resp: 34322

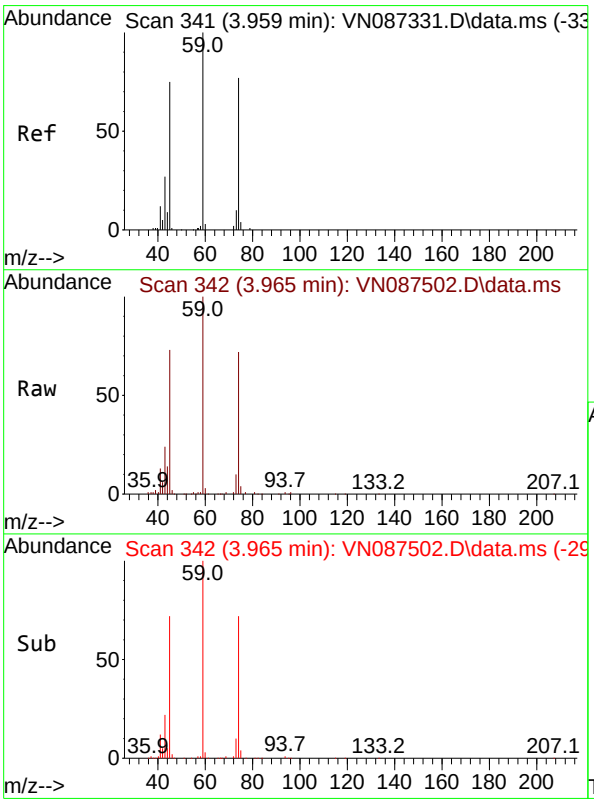
Ion	Ratio	Lower	Upper
101	100		
103	61.2	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

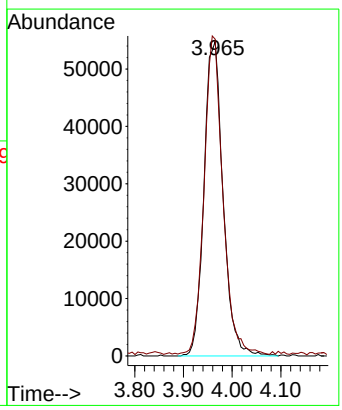
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

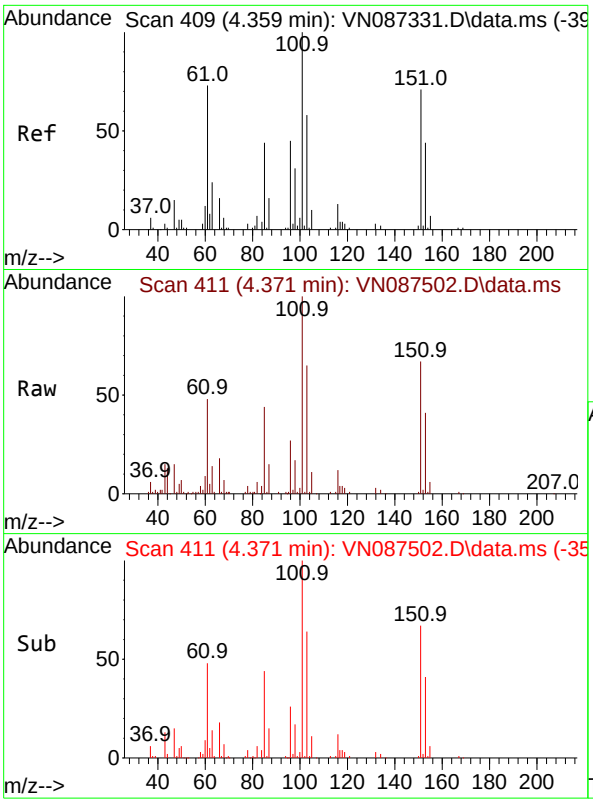


#8
Diethyl Ether
Concen: 59.207 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 74 Resp: 149057

Ion	Ratio	Lower	Upper
74	100		
45	99.2	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.004 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

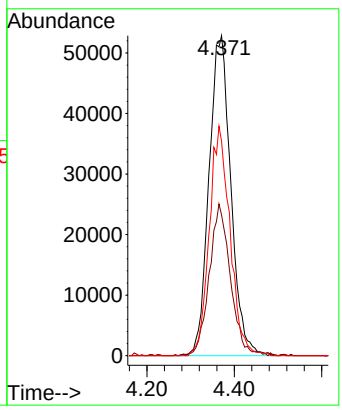
Tgt Ion:101 Resp: 18325

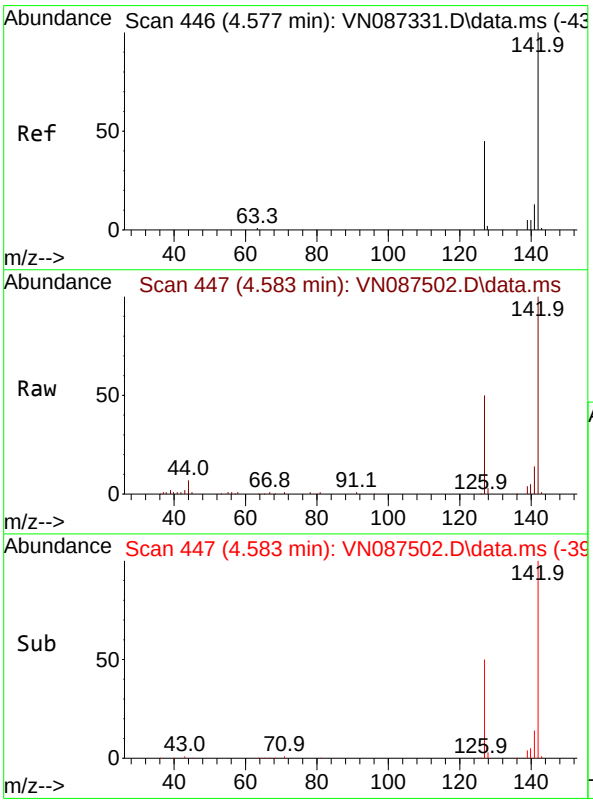
Ion	Ratio	Lower	Upper
101	100		
85	45.8	37.3	55.9
151	68.2	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

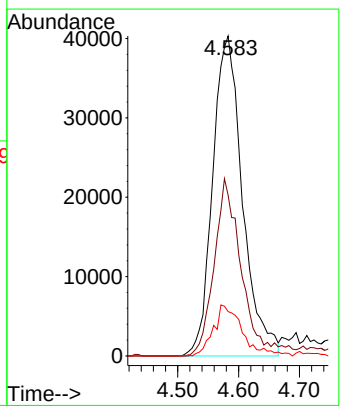


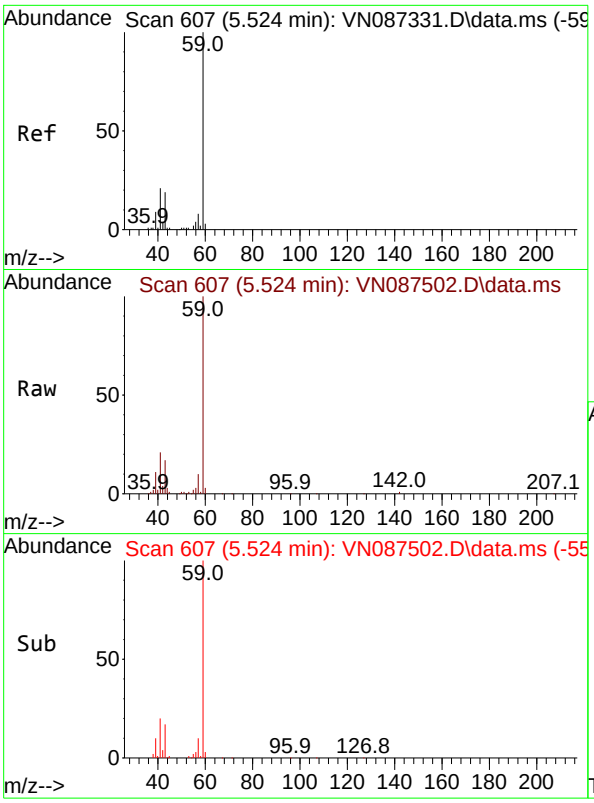


#10
Methyl Iodide
Concen: 41.116 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:142 Resp: 137060

Ion	Ratio	Lower	Upper
142	100		
127	50.3	35.7	53.5
141	13.9	10.4	15.6

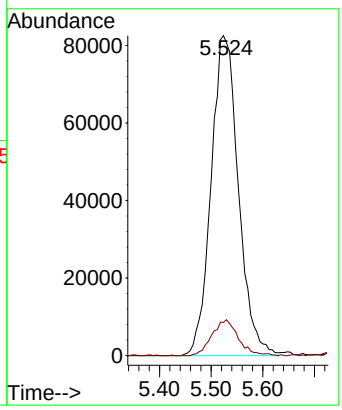




#11
Tert butyl alcohol
Concen: 284.532 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 59 Resp: 30312

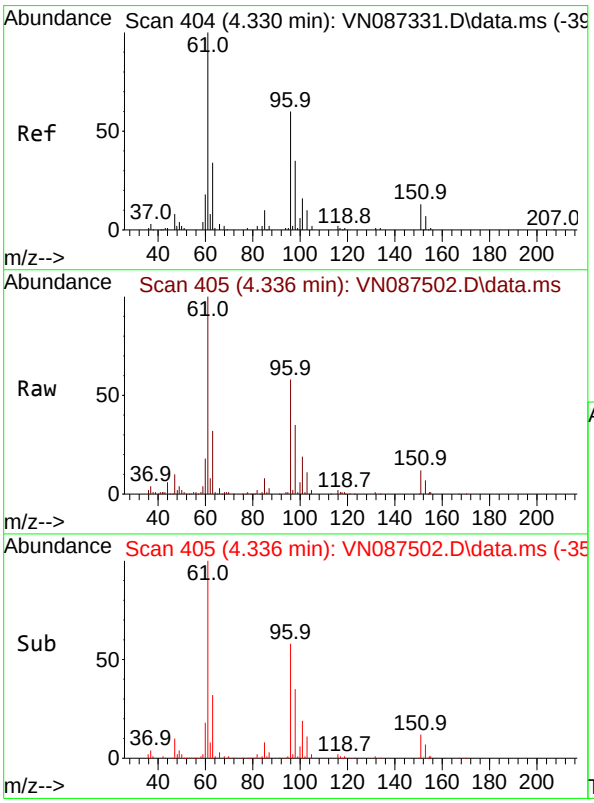
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

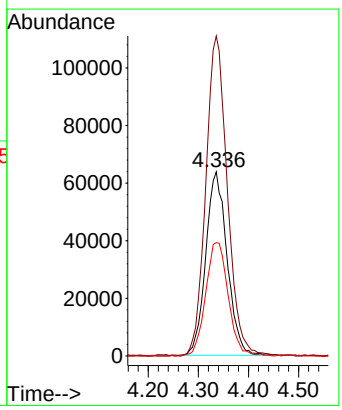
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

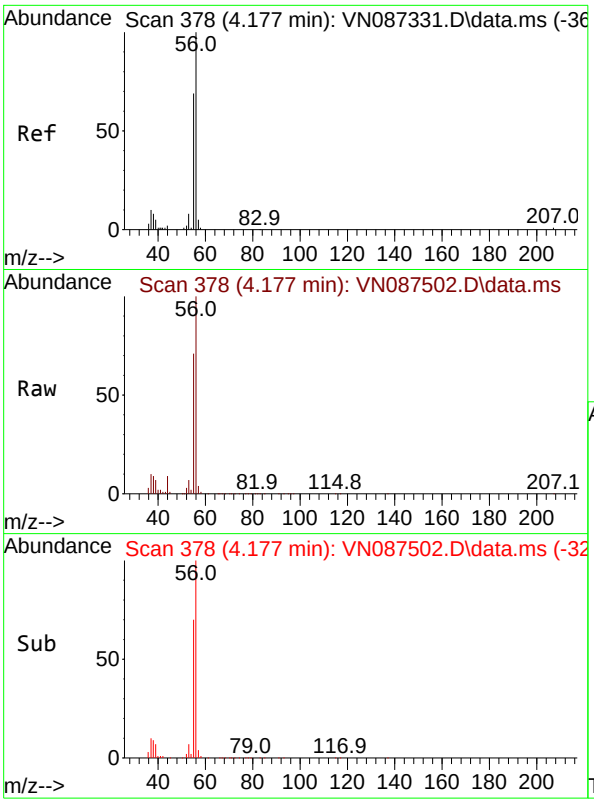


#12
1,1-Dichloroethene
Concen: 50.168 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 96 Resp: 189402

Ion	Ratio	Lower	Upper
96	100		
61	174.0	132.3	198.5
98	61.7	46.8	70.2

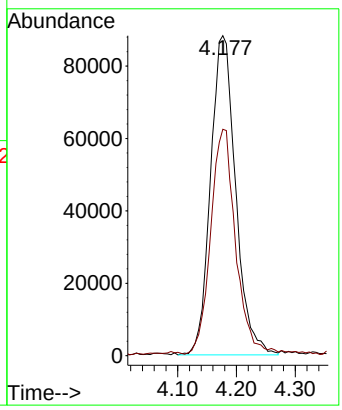




#13
Acrolein
Concen: 305.520 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 56 Resp: 26120

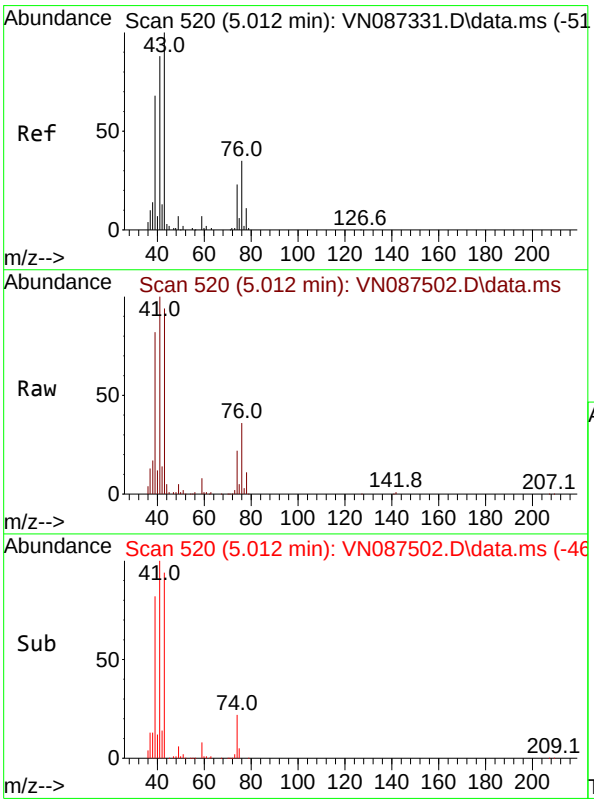
Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

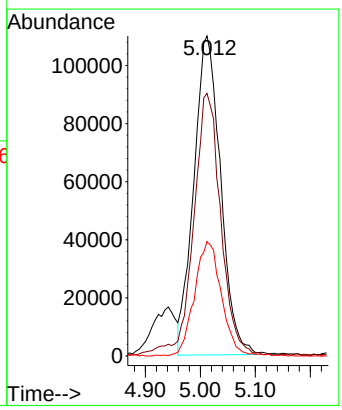
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

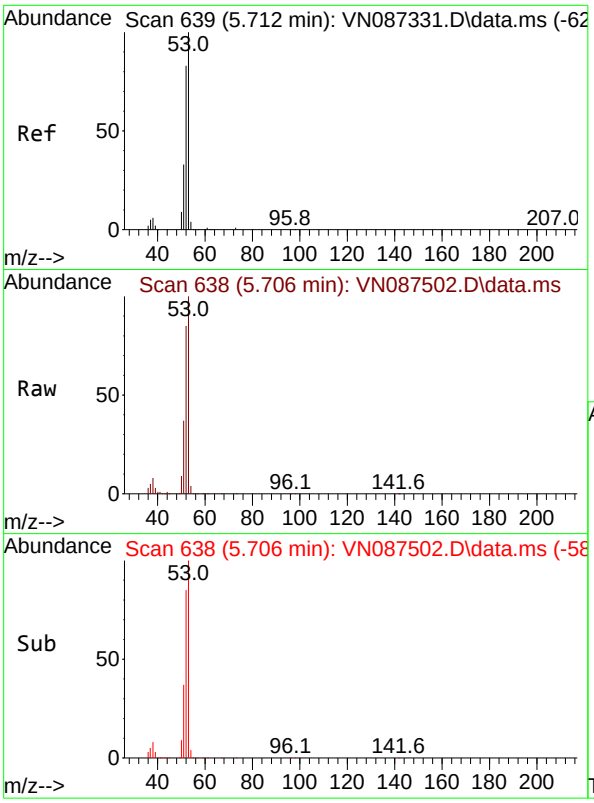


#14
Allyl chloride
Concen: 54.511 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 372445

Ion	Ratio	Lower	Upper
41	100		
39	83.4	59.0	88.6
76	36.1	28.7	43.1

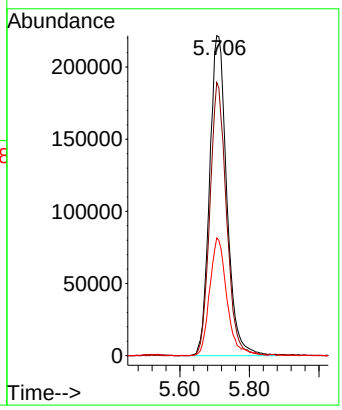




#15
Acrylonitrile
Concen: 263.788 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 53 Resp: 76258

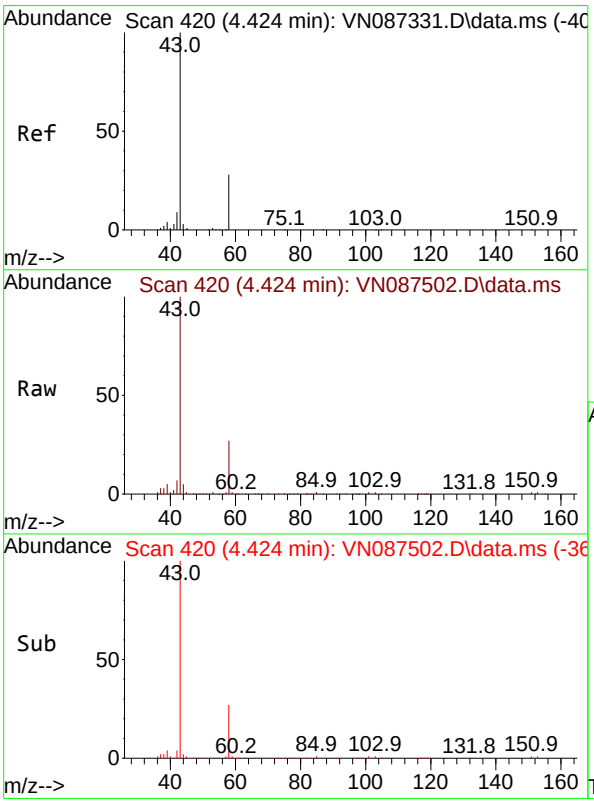
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	36.7	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

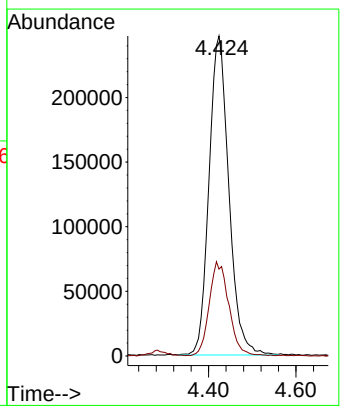
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

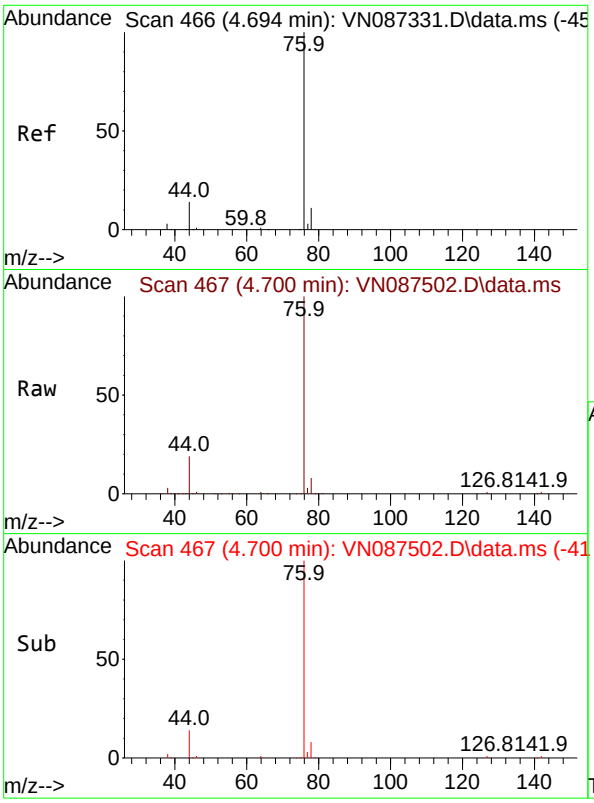


#16
Acetone
Concen: 295.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 777558

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5

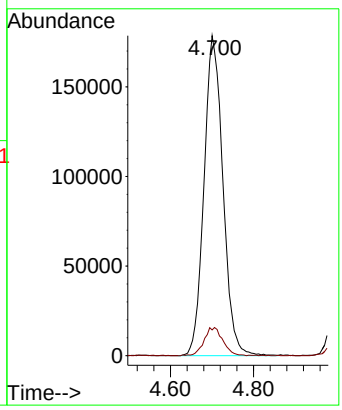




#17
Carbon Disulfide
Concen: 50.431 ug/l
RT: 4.700 min Scan# 4(
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 76 Resp: 56446

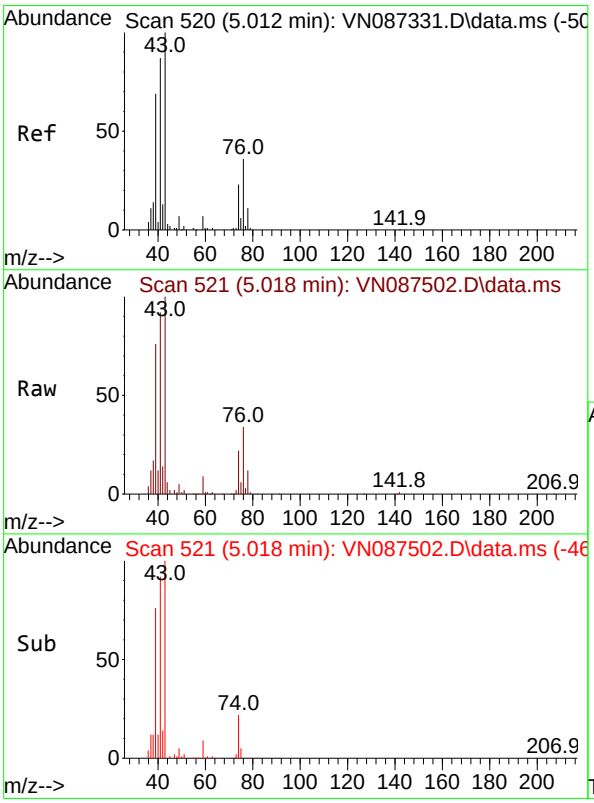
Ion	Ratio	Lower	Upper
76	100		
78	8.1	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

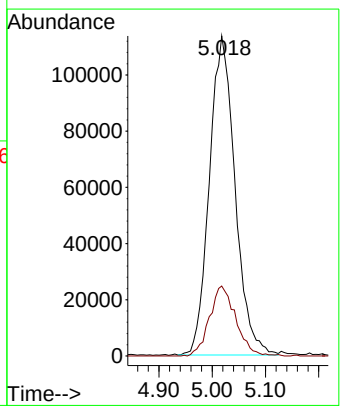
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

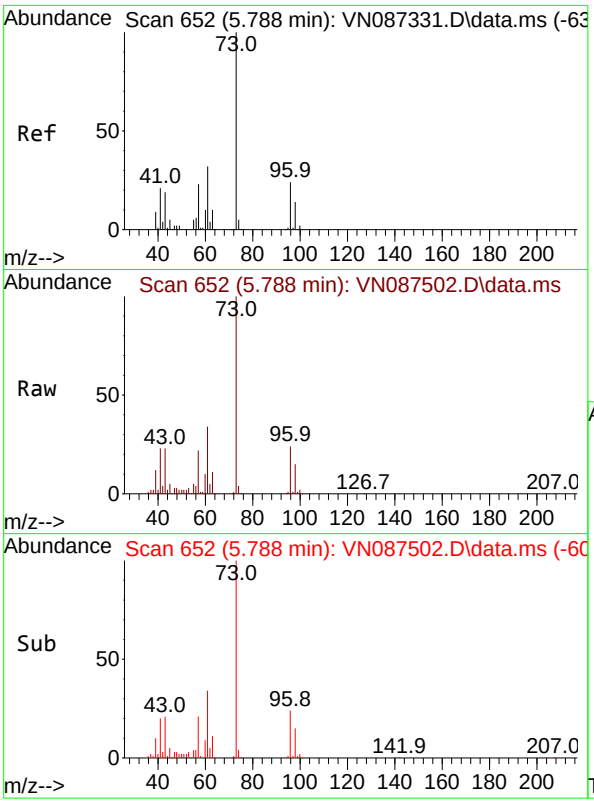


#18
Methyl Acetate
Concen: 57.561 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 380435

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.8	26.6

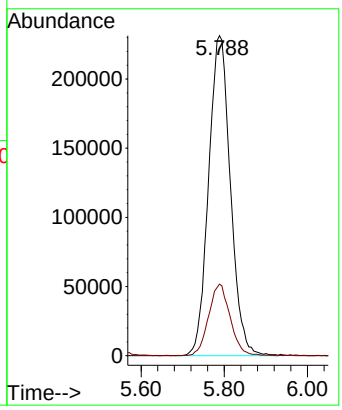




#19
Methyl tert-butyl Ether
Concen: 60.578 ug/l
RT: 5.788 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 73 Resp: 84298

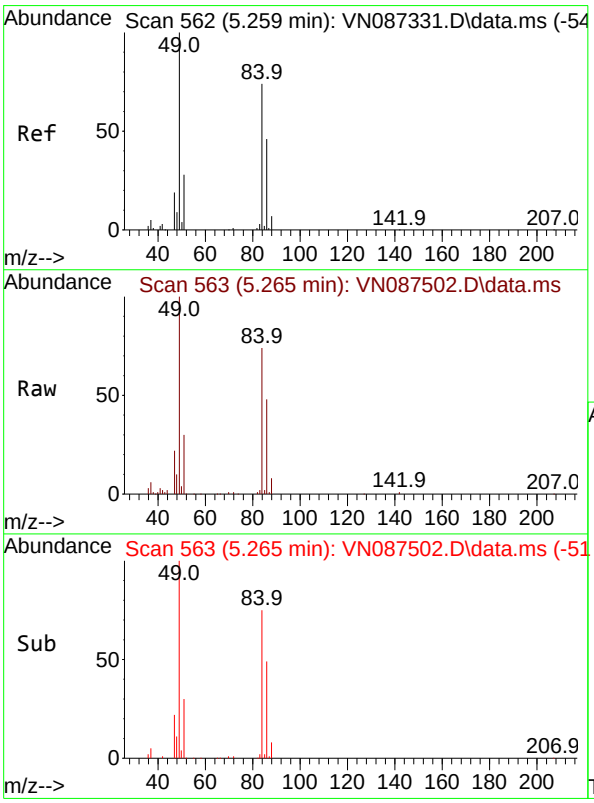
Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

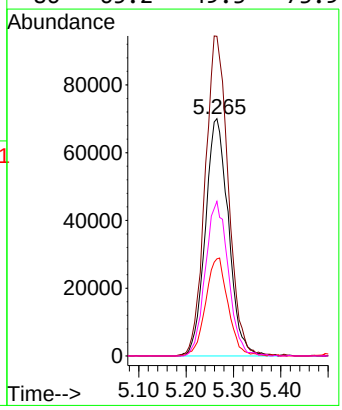
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

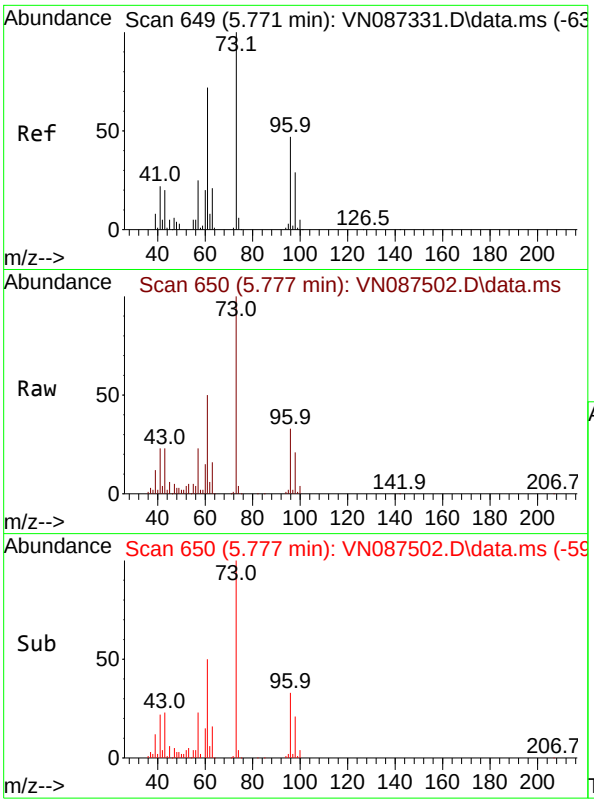


#20
Methylene Chloride
Concen: 53.492 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 84 Resp: 237685

Ion	Ratio	Lower	Upper
84	100		
49	134.8	107.5	161.3
51	40.9	30.2	45.2
86	65.2	49.3	73.9

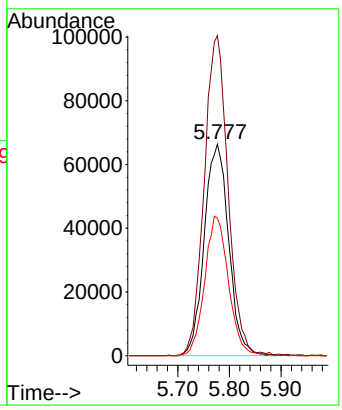




#21
trans-1,2-Dichloroethene
Concen: 51.275 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 96 Resp: 21827

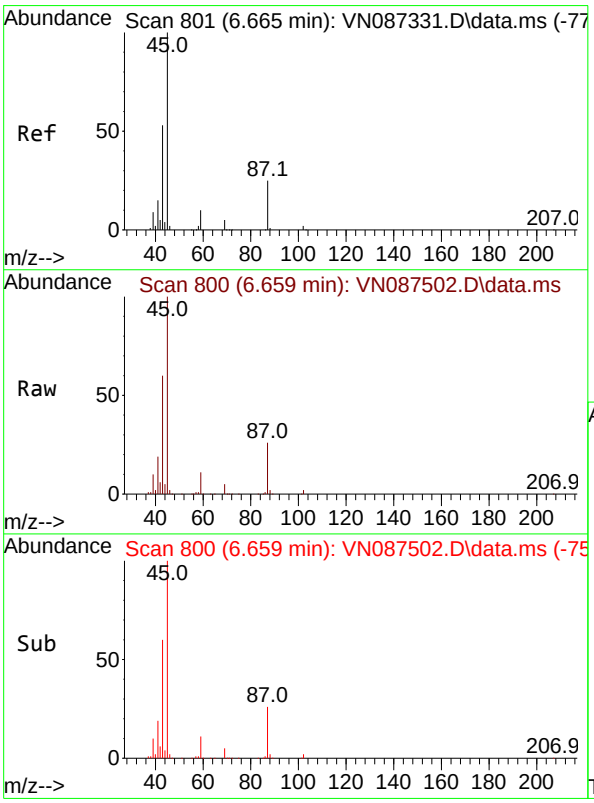
Ion	Ratio	Lower	Upper
96	100		
61	151.0	122.0	183.0
98	64.9	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

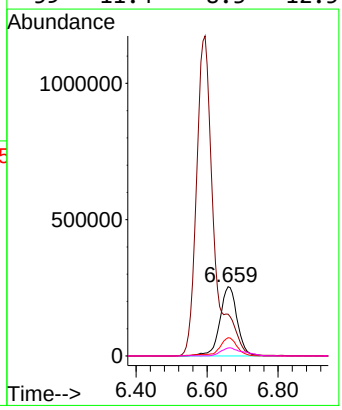
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

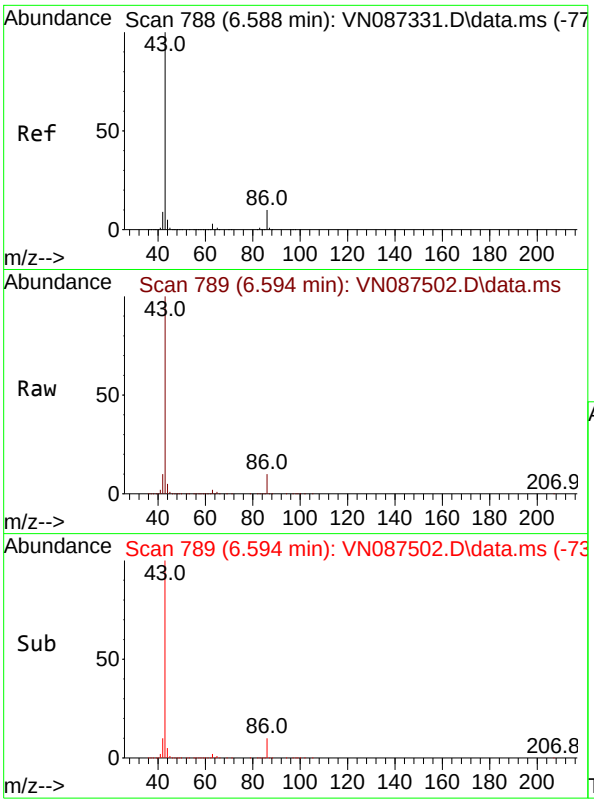


#22
Diisopropyl ether
Concen: 59.579 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 45 Resp: 853871

Ion	Ratio	Lower	Upper
45	100		
43	60.1	42.8	64.2
87	26.2	19.8	29.6
59	11.4	8.3	12.5

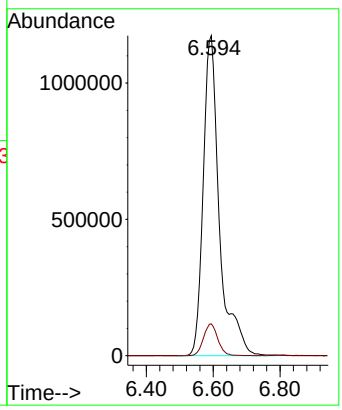




#23
Vinyl Acetate
Concen: 314.517 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 394229

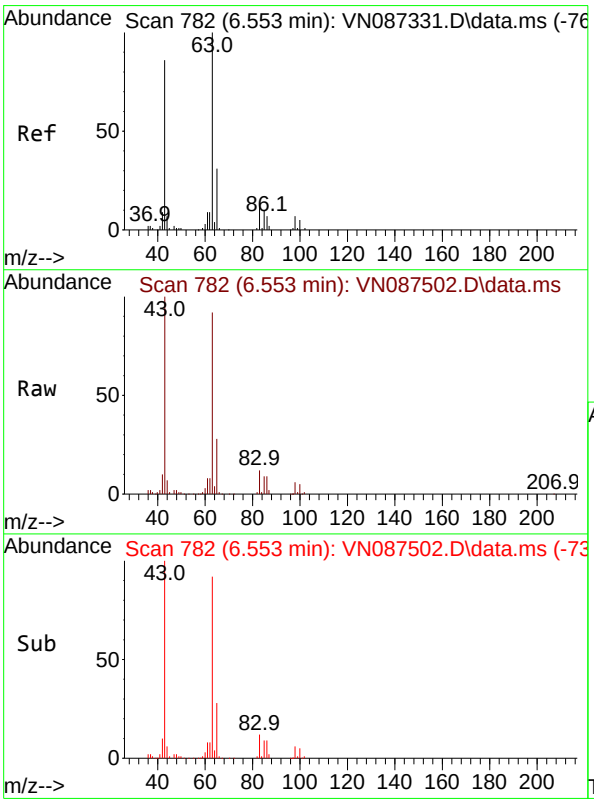
Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

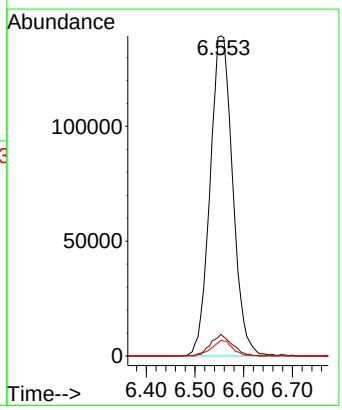
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

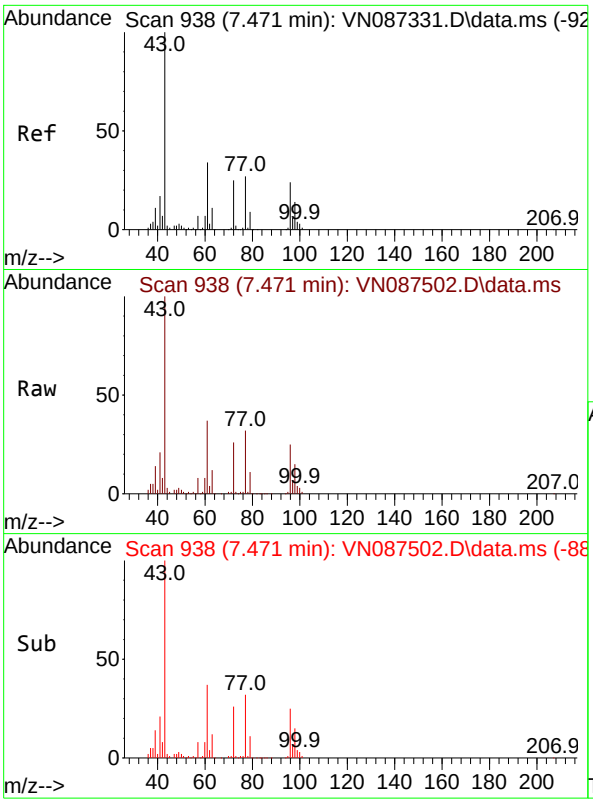


#24
1,1-Dichloroethane
Concen: 54.436 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 63 Resp: 450092

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.9
100	4.9	2.5	7.4

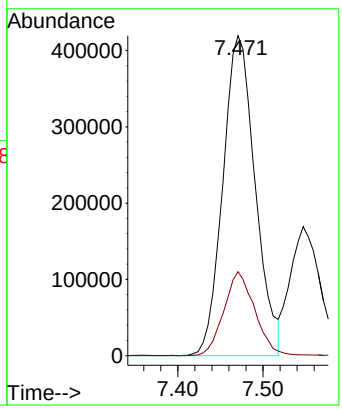




#25
2-Butanone
Concen: 272.759 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 110866

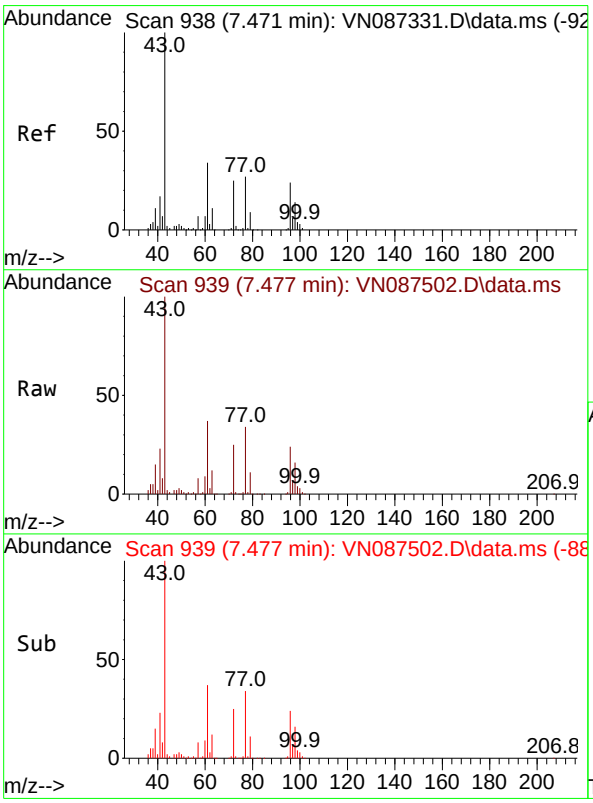
Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

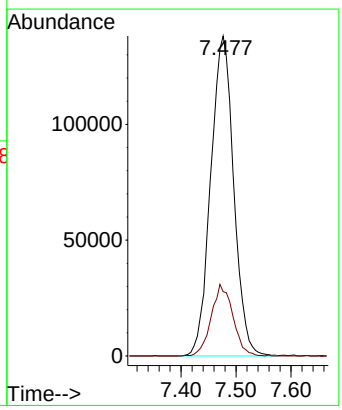
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

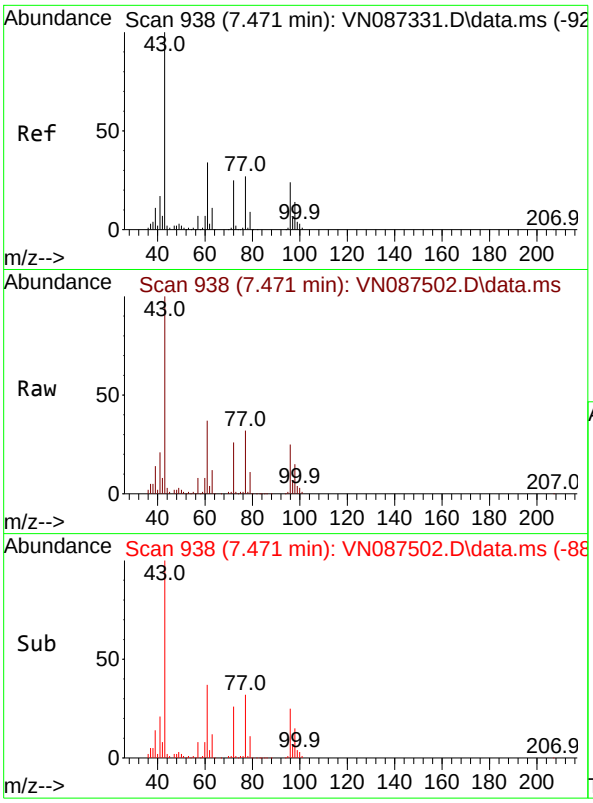


#26
2,2-Dichloropropane
Concen: 62.444 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 77 Resp: 401418

Ion	Ratio	Lower	Upper
77	100		
97	21.1	11.1	33.1

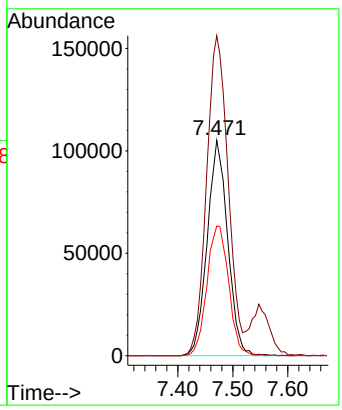




#27
cis-1,2-Dichloroethene
Concen: 55.638 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 96 Resp: 27267

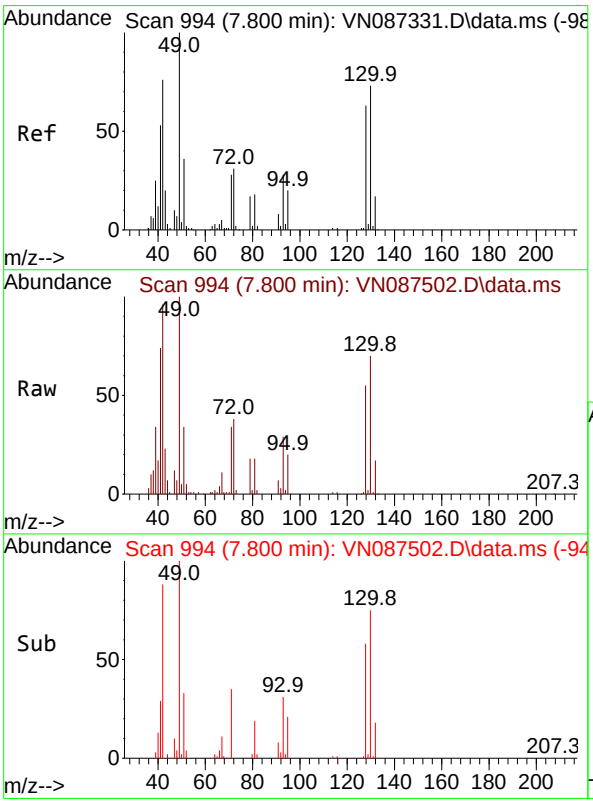
Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	297.8
98	63.7	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

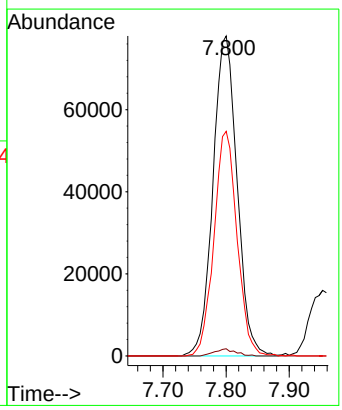
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

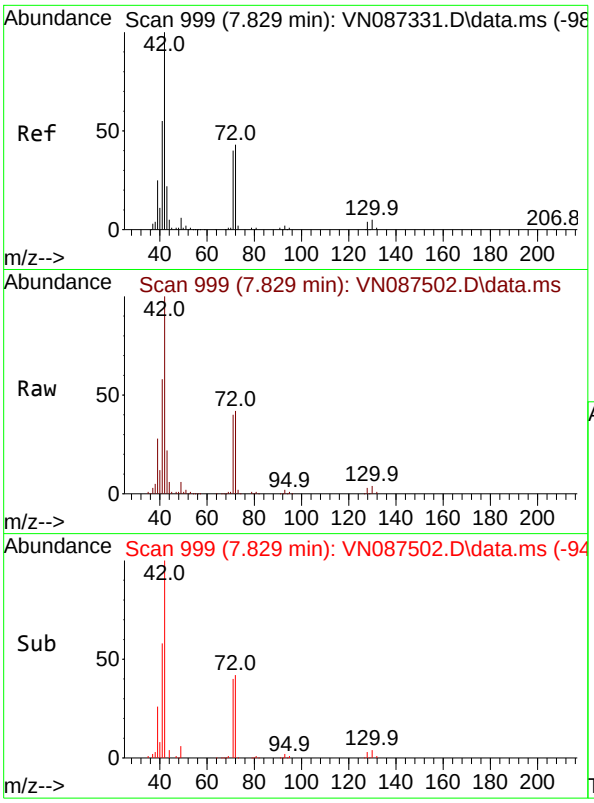


#28
Bromochloromethane
Concen: 52.182 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 49 Resp: 206493

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	67.3	57.3	85.9

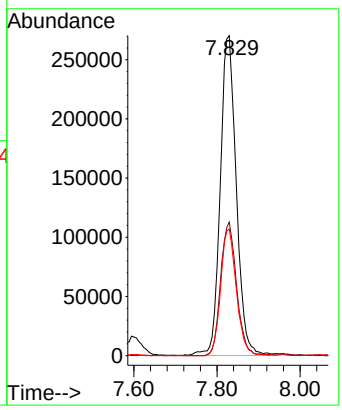




#29
Tetrahydrofuran
Concen: 274.208 ug/l
RT: 7.829 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 42 Resp: 72404

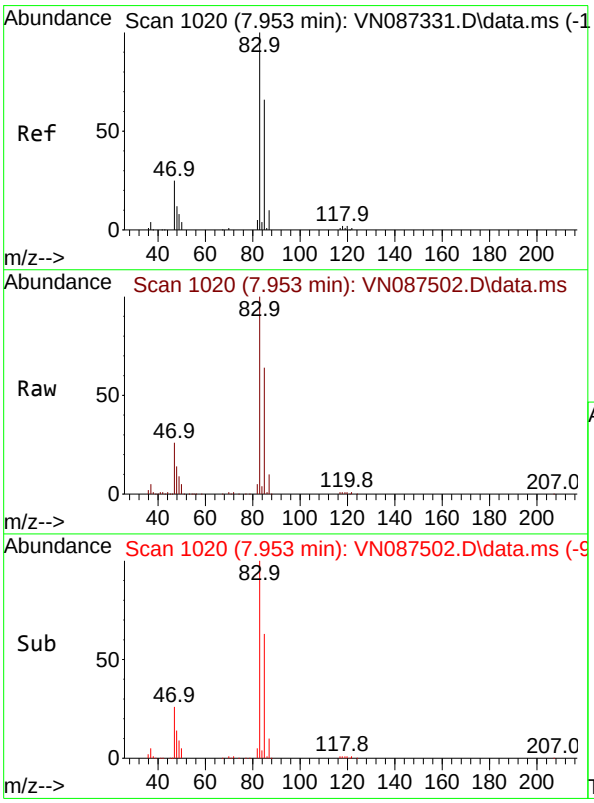
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.4	50.0
71	38.8	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

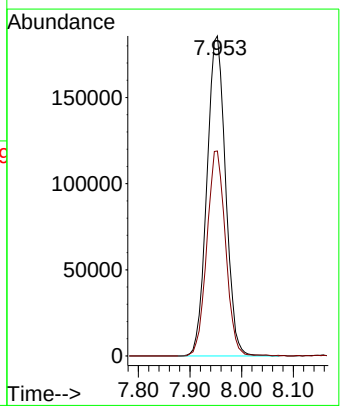
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

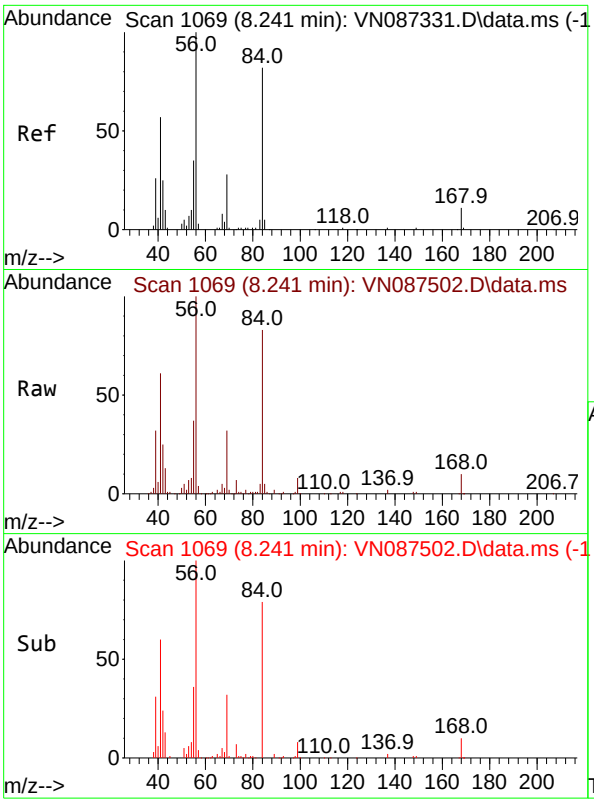


#30
Chloroform
Concen: 56.246 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 83 Resp: 465493

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1

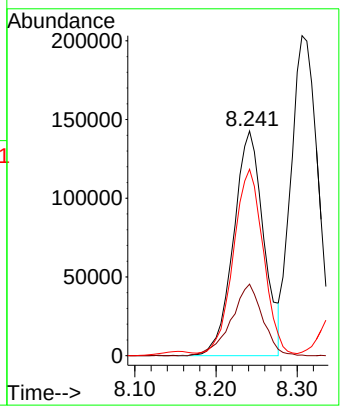




#31
Cyclohexane
Concen: 53.214 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 56 Resp: 36704

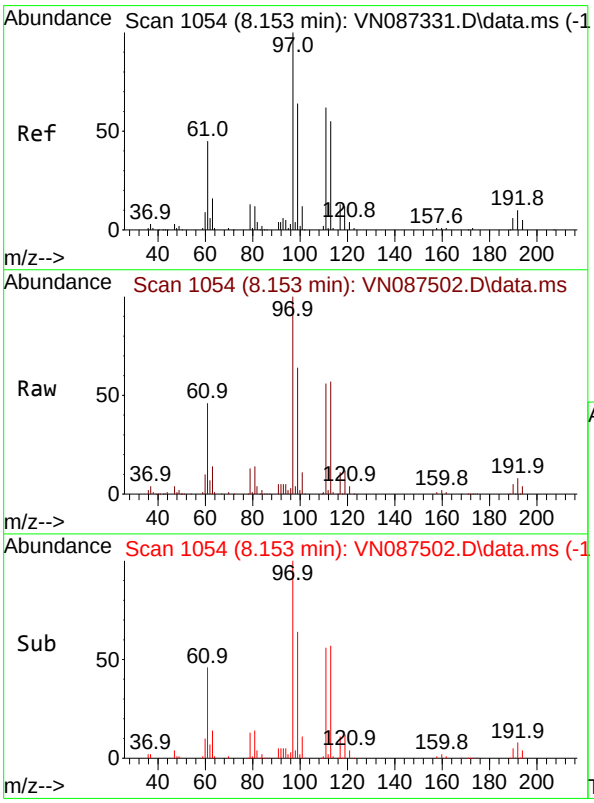
Ion	Ratio	Lower	Upper
56	100		
69	31.8	22.7	34.1
84	81.1	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

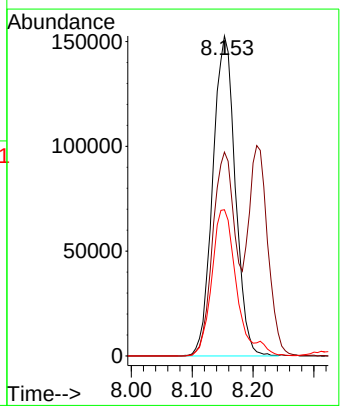
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

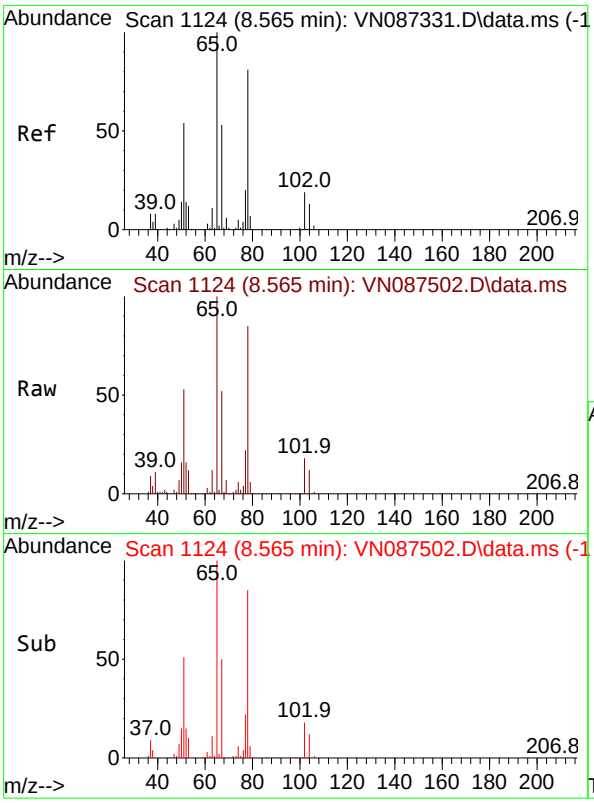


#32
1,1,1-Trichloroethane
Concen: 54.638 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 97 Resp: 391648

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	50.6	38.7	58.1

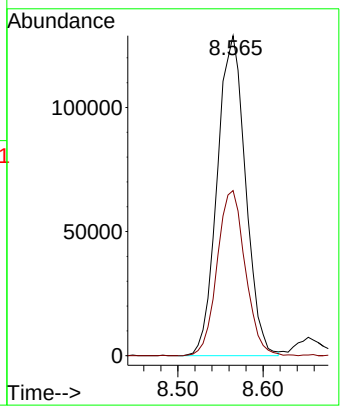




#33
1,2-Dichloroethane-d4
Concen: 53.024 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 65 Resp: 29750

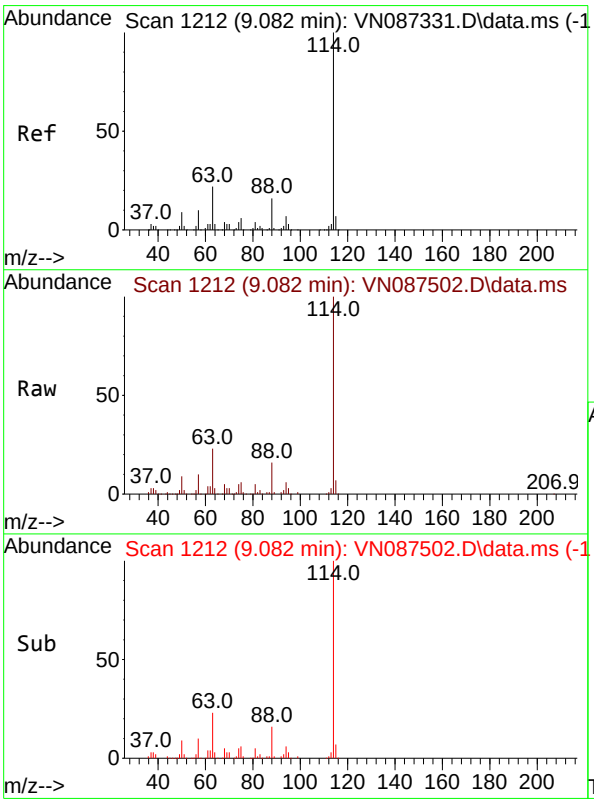
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

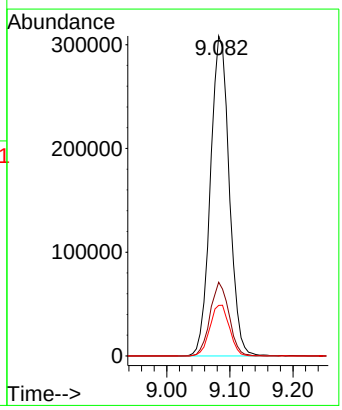
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

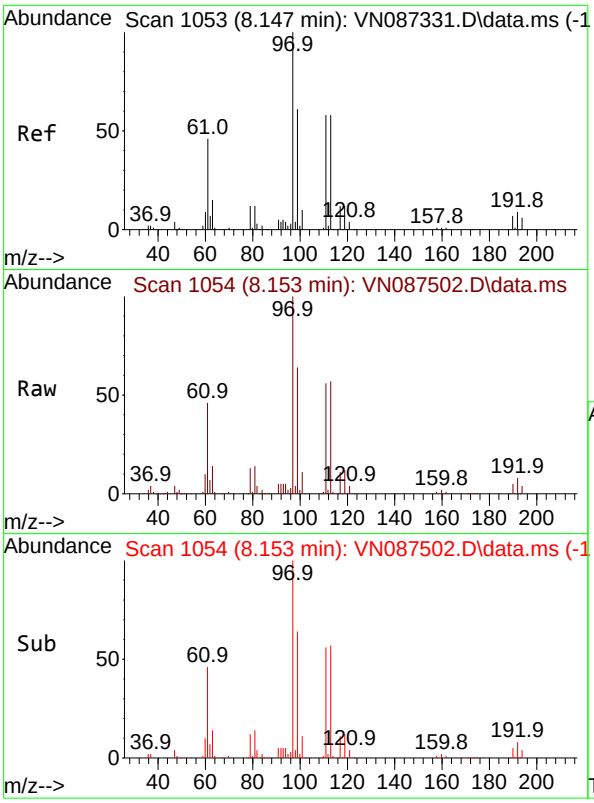


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:114 Resp: 639180

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.6
88	15.8	0.0	32.8

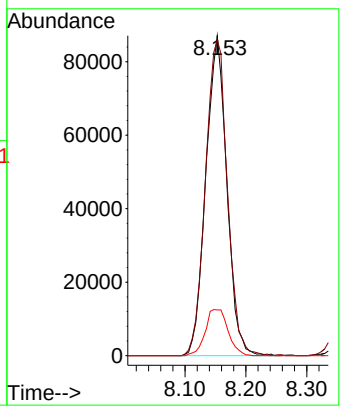




#35
Dibromofluoromethane
Concen: 47.204 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:113 Resp: 20812

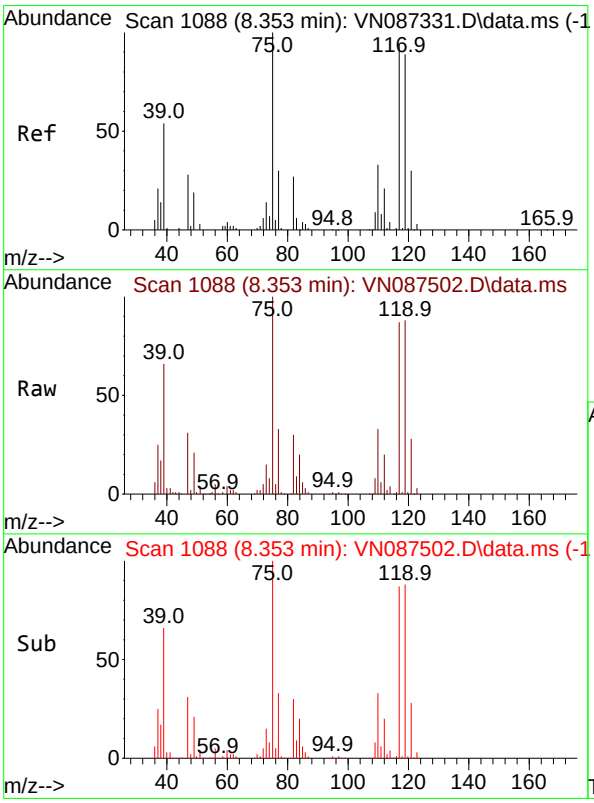
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.5	123.7
192	15.7	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

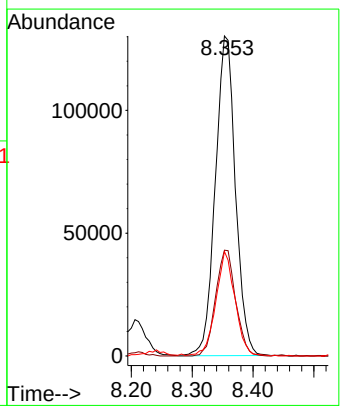
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

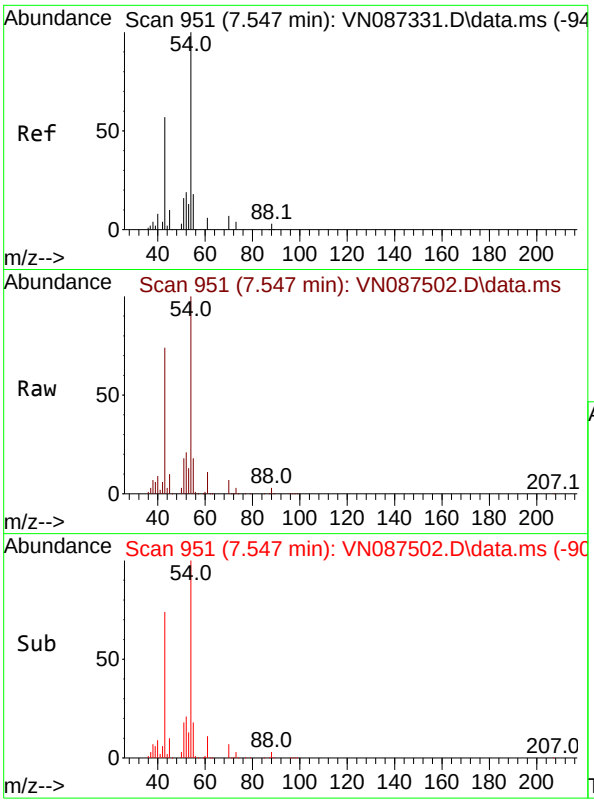


#36
1,1-Dichloropropene
Concen: 51.286 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 298749

Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.7	50.1
77	31.2	25.2	37.8

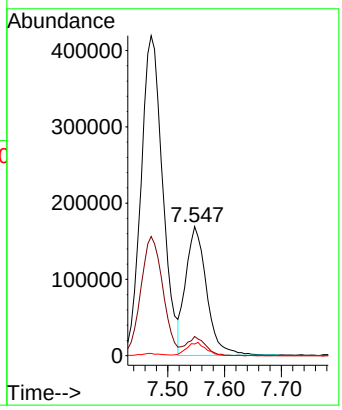




#37
Ethyl Acetate
Concen: 51.229 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 43098

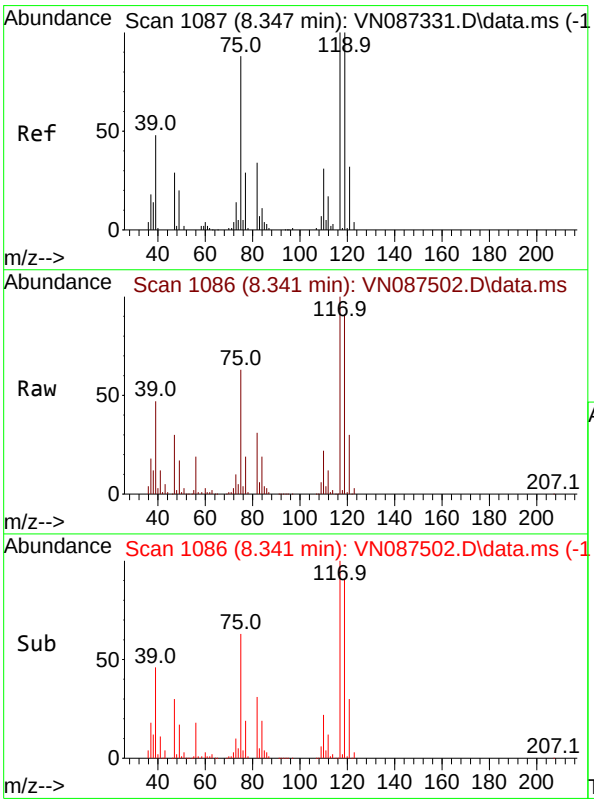
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	9.6	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

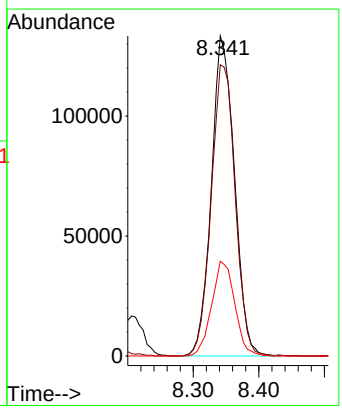
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

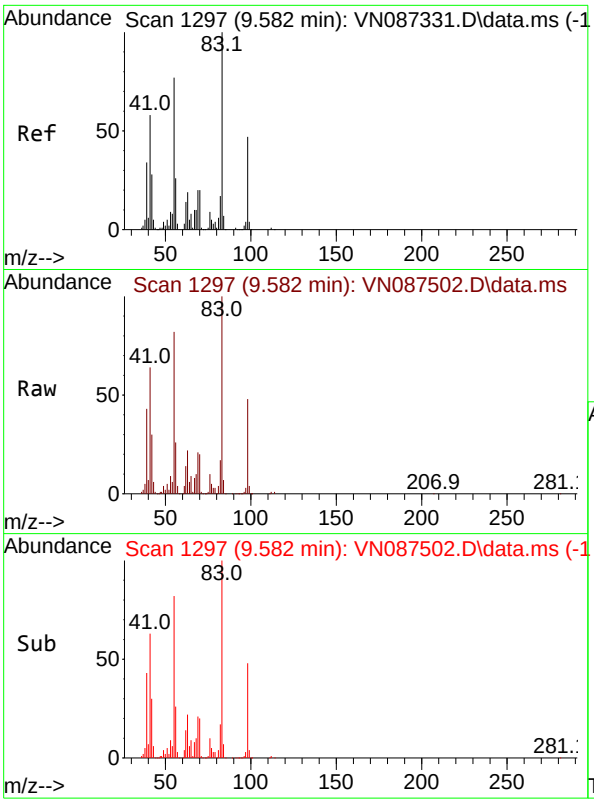


#38
Carbon Tetrachloride
Concen: 50.833 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:117 Resp: 326189

Ion	Ratio	Lower	Upper
117	100		
119	91.0	80.2	120.2
121	29.6	25.4	38.2





#39
Methylcyclohexane
Concen: 53.058 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

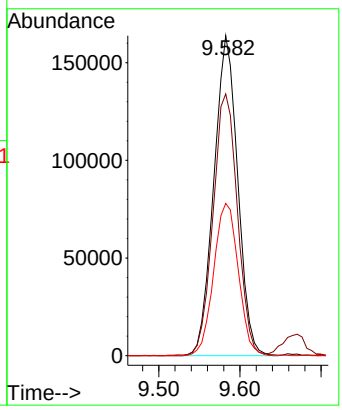
Tgt Ion: 83 Resp: 33461

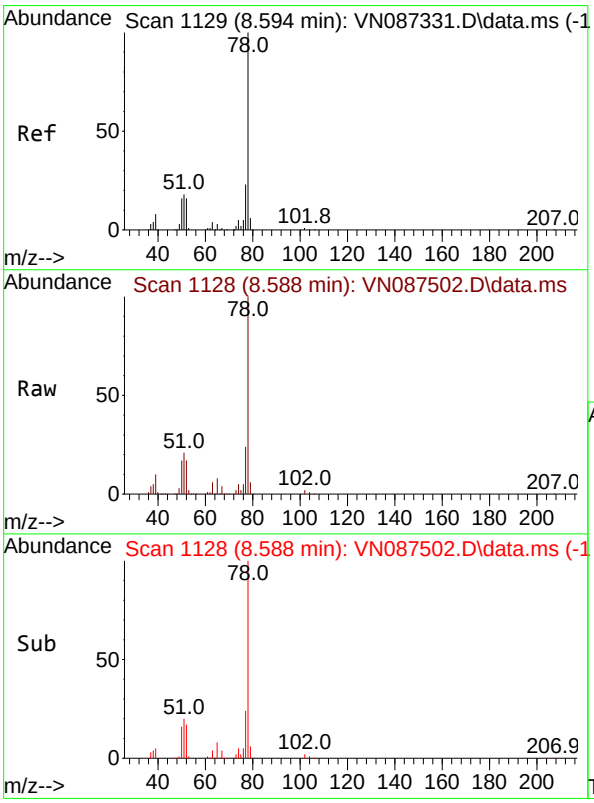
Ion	Ratio	Lower	Upper
83	100		
55	81.6	61.3	91.9
98	47.6	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

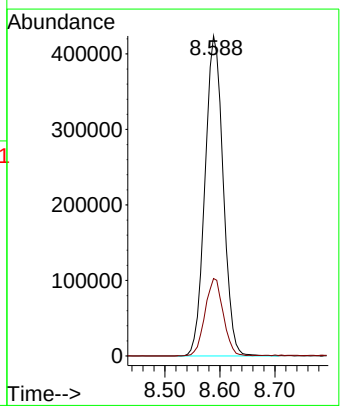


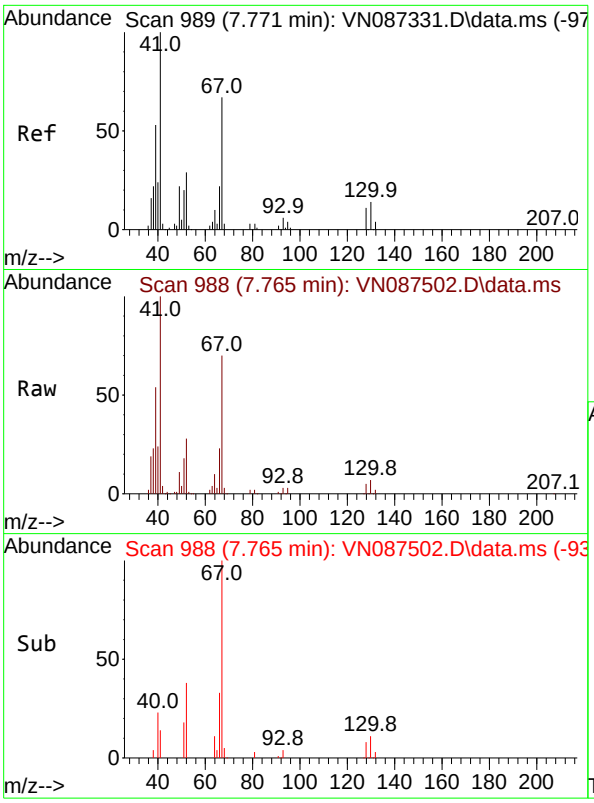


#40
Benzene
Concen: 51.720 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 78 Resp: 973729

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2

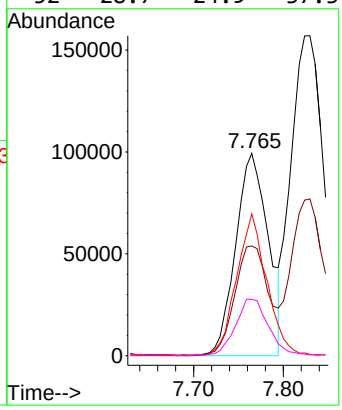




#41
Methacrylonitrile
Concen: 57.033 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 25088

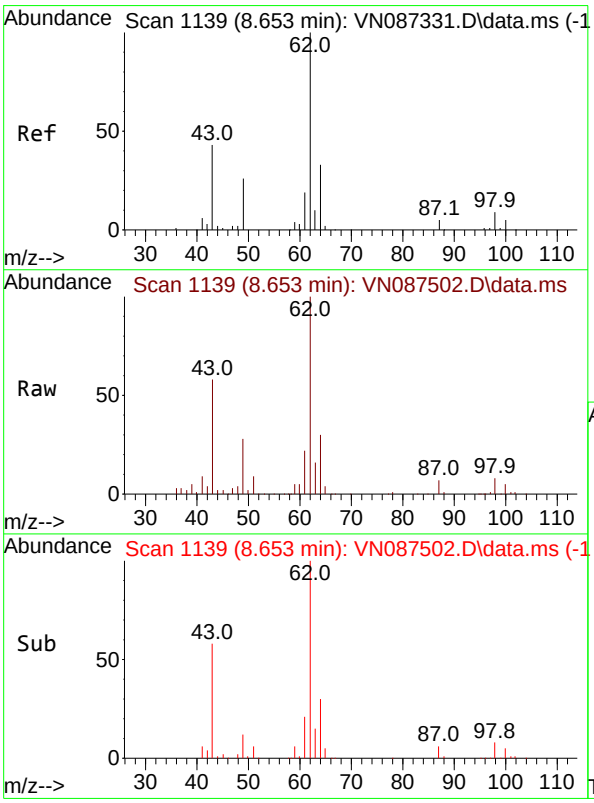
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.4	65.0
67	65.3	55.1	82.7
52	28.7	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

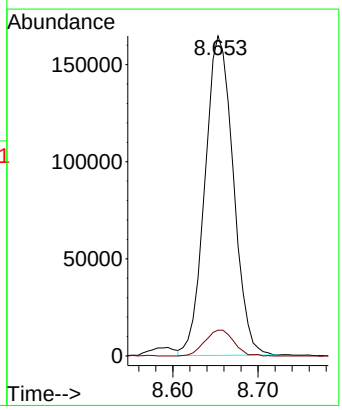
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

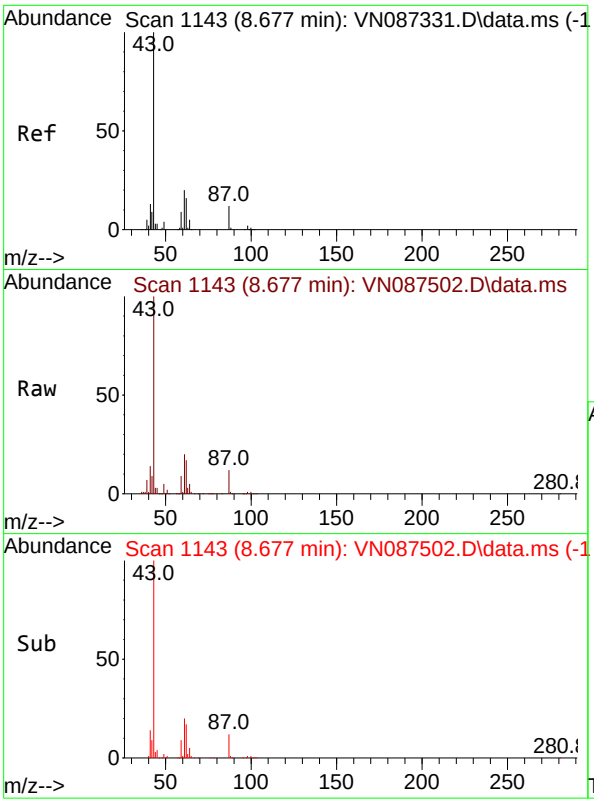


#42
1,2-Dichloroethane
Concen: 53.165 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 62 Resp: 379576

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0





#43
Isopropyl Acetate
Concen: 54.554 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

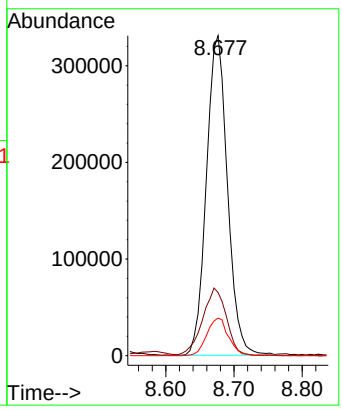
Tgt Ion: 43 Resp: 71245

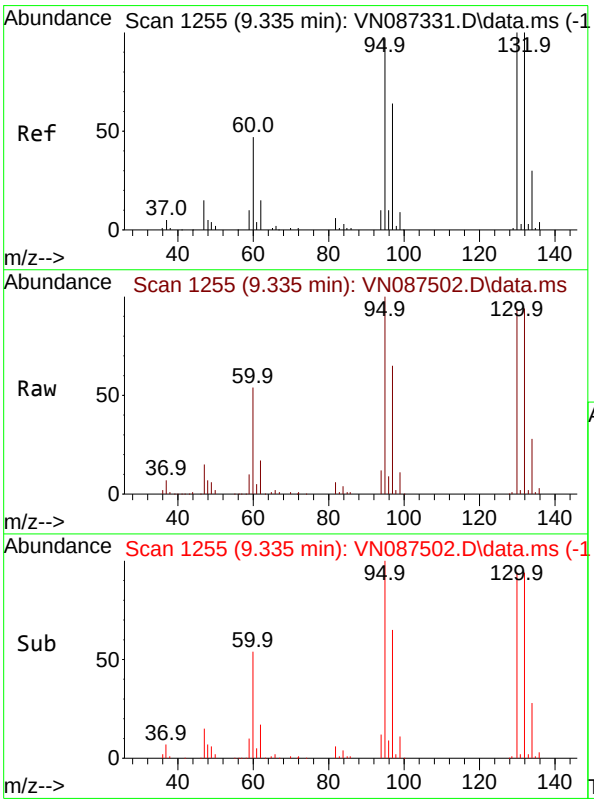
Ion	Ratio	Lower	Upper
43	100		
61	23.7	19.8	29.8
87	12.0	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

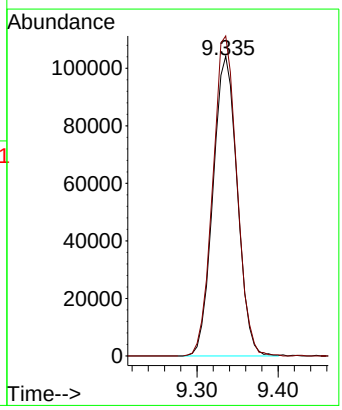


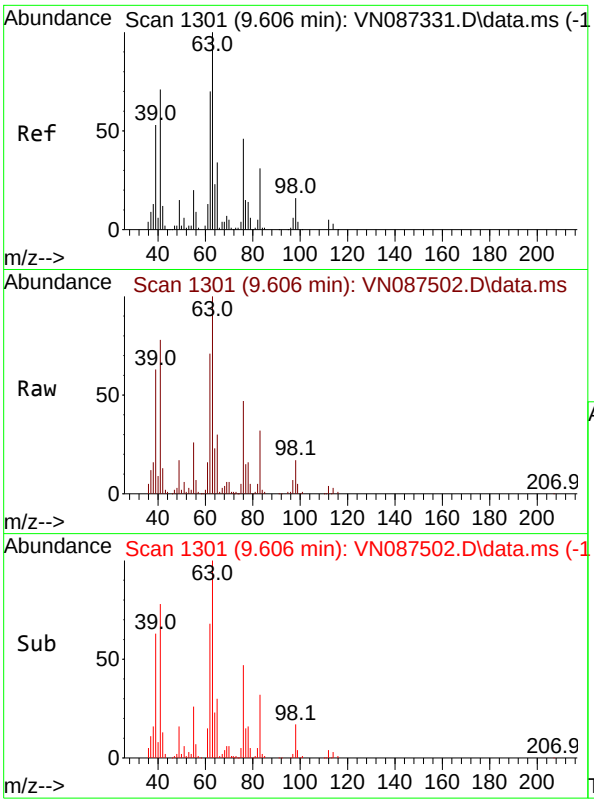


#44
Trichloroethene
Concen: 48.652 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:130 Resp: 216430

Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	195.2

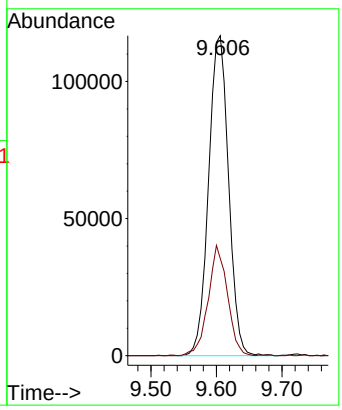




#45
1,2-Dichloropropane
Concen: 51.577 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 63 Resp: 24673

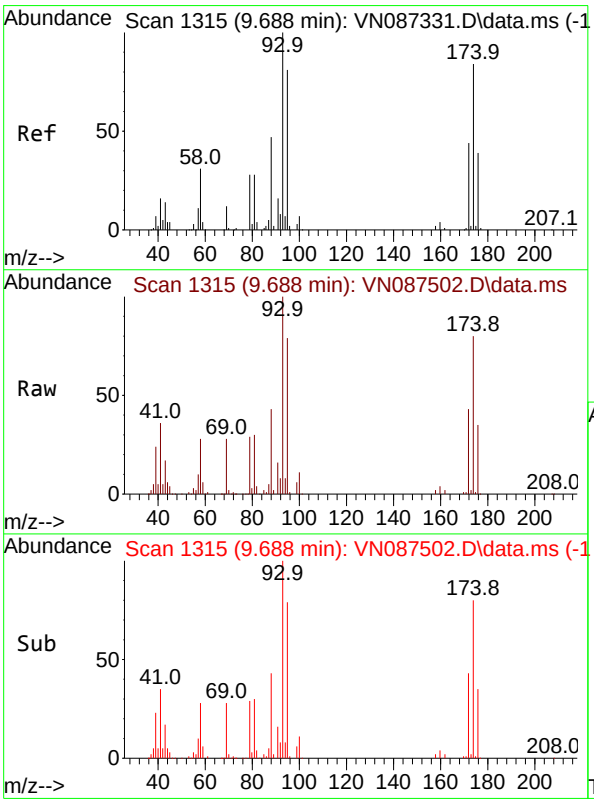
Ion	Ratio	Lower	Upper
63	100		
65	30.4	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

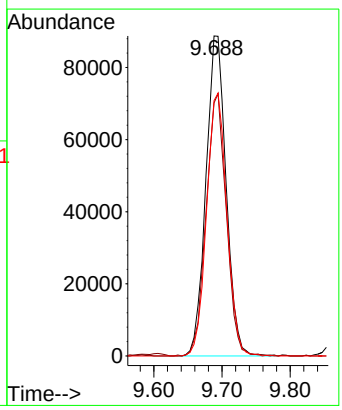
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

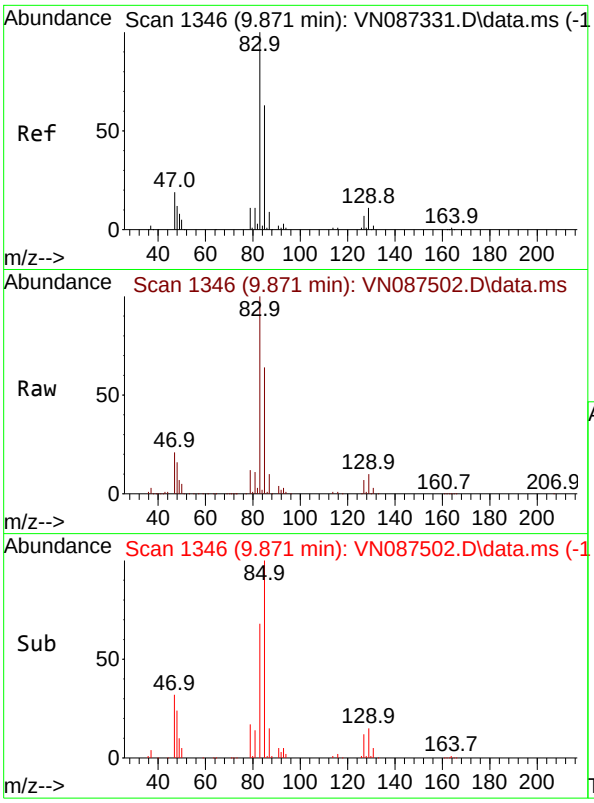


#46
Dibromomethane
Concen: 51.124 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 93 Resp: 183110

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.8	98.8
174	82.4	69.9	104.9

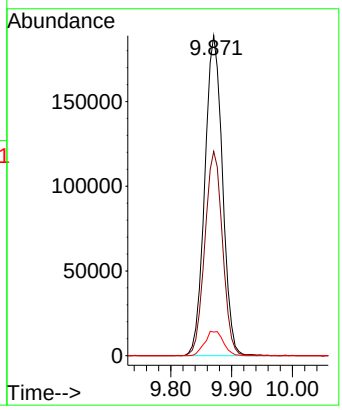




#47
Bromodichloromethane
Concen: 52.785 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 83 Resp: 380818

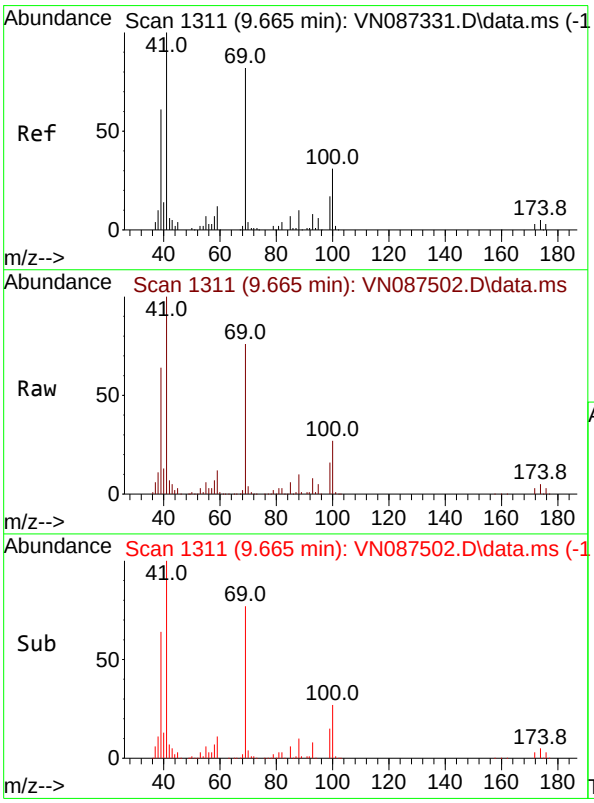
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6
127	7.4	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

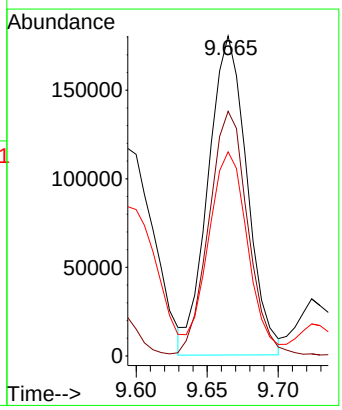
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

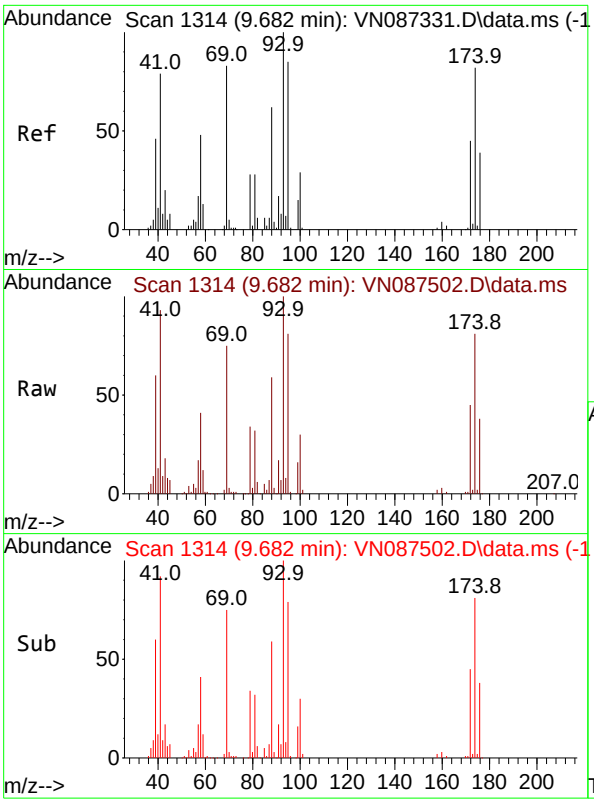


#48
Methyl methacrylate
Concen: 58.304 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 41 Resp: 342785

Ion	Ratio	Lower	Upper
41	100		
69	77.0	64.1	96.1
39	64.0	45.5	68.3

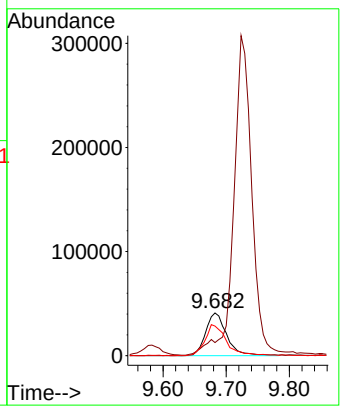




#49
1,4-Dioxane
Concen: 1048.916 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 88 Resp: 9445

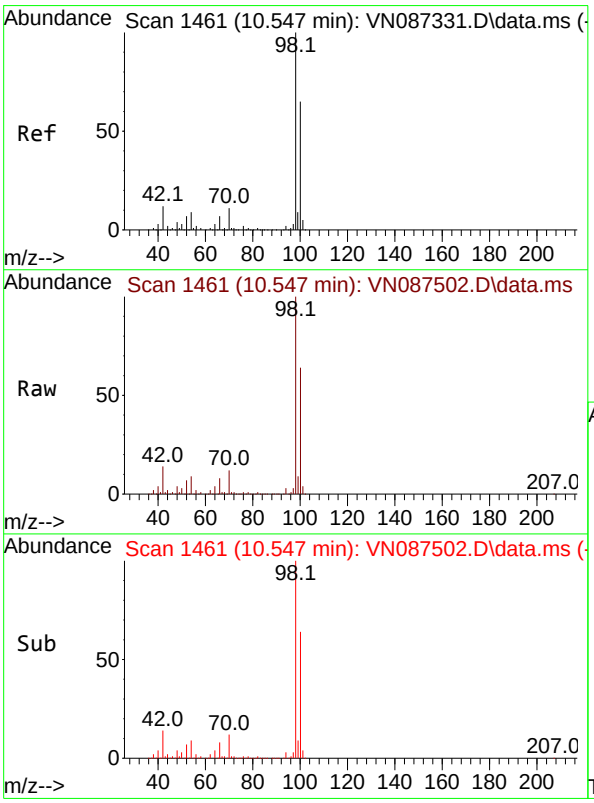
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.5	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

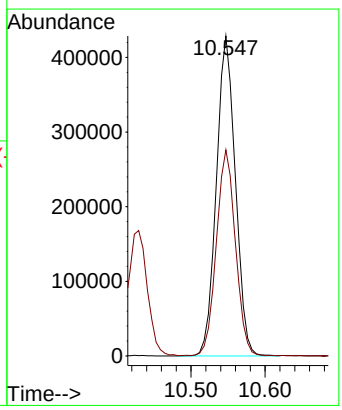
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

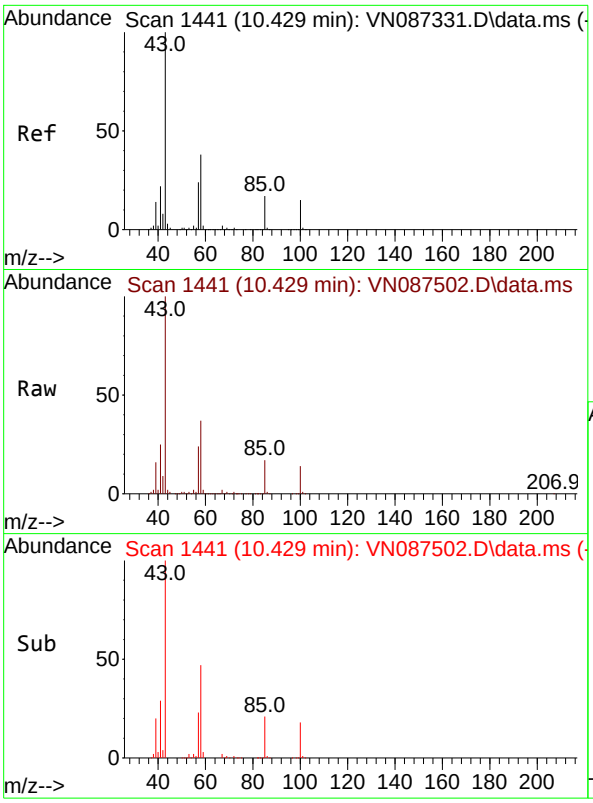


#50
Toluene-d8
Concen: 48.563 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 98 Resp: 763783

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 263.494 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

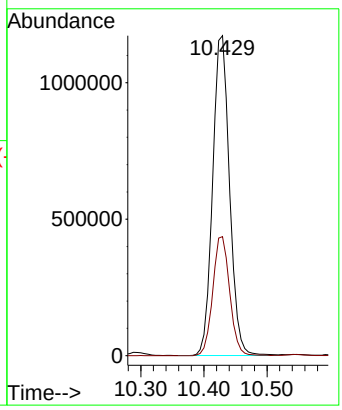
Tgt Ion: 43 Resp: 217644

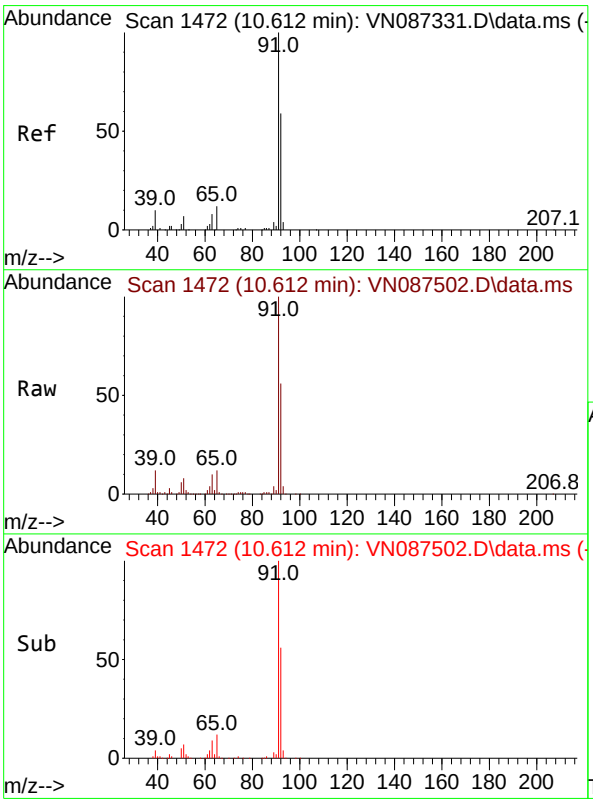
Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.8	46.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

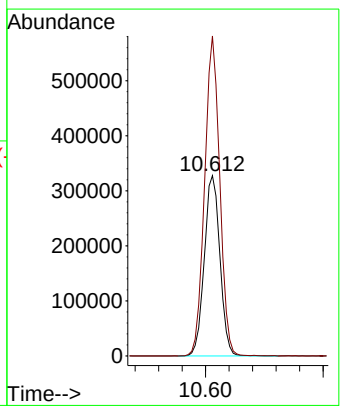


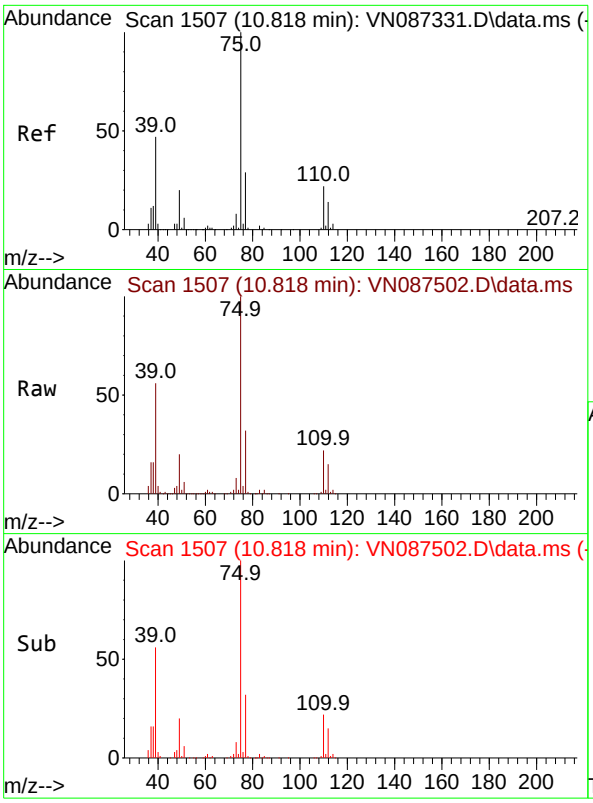


#52
Toluene
Concen: 52.597 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 92 Resp: 601880

Ion	Ratio	Lower	Upper
92	100		
91	172.0	135.1	202.7

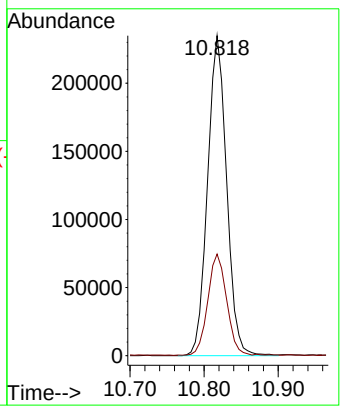




#53
t-1,3-Dichloropropene
Concen: 57.395 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 41905

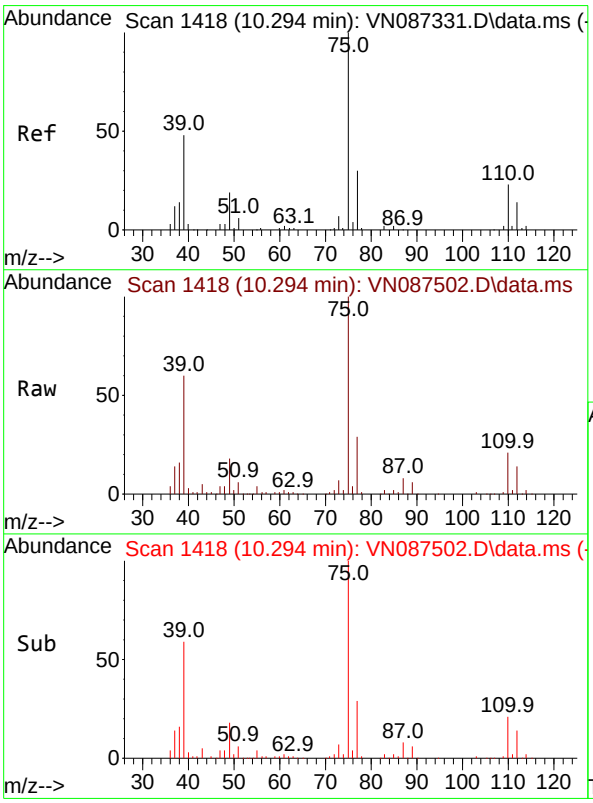
Ion	Ratio	Lower	Upper
75	100		
77	31.6	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

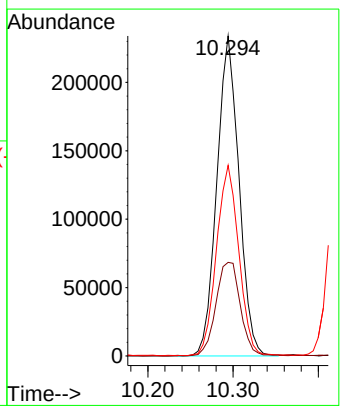
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

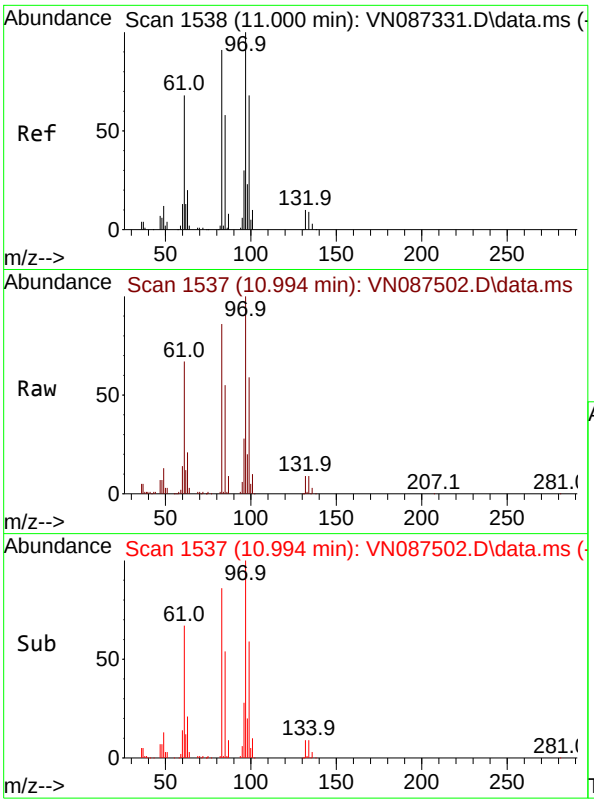


#54
cis-1,3-Dichloropropene
Concen: 55.857 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 421265

Ion	Ratio	Lower	Upper
75	100		
77	29.0	24.2	36.2
39	59.4	38.4	57.6#

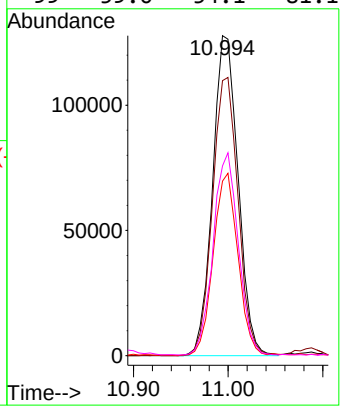




#55
1,1,2-Trichloroethane
Concen: 51.637 ug/l
RT: 10.994 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 97 Resp: 23922

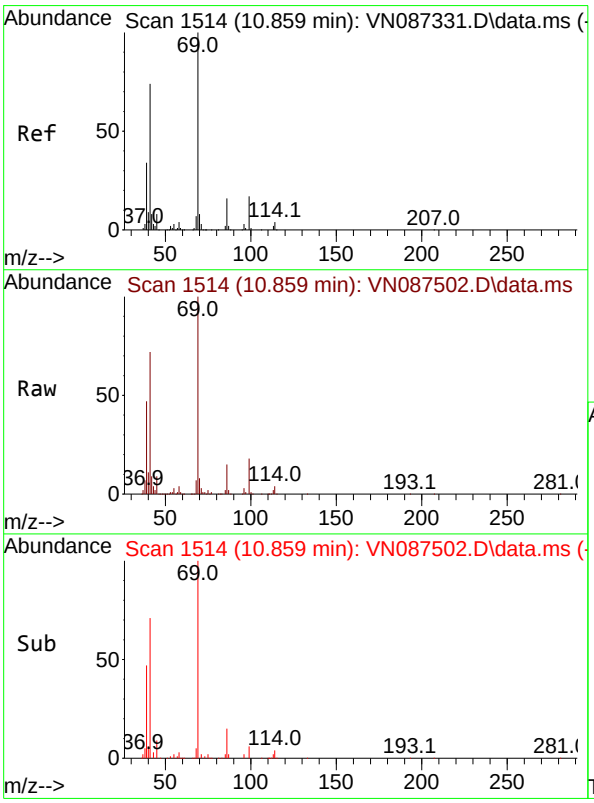
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.6	109.0
85	54.6	46.7	70.1
99	59.0	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

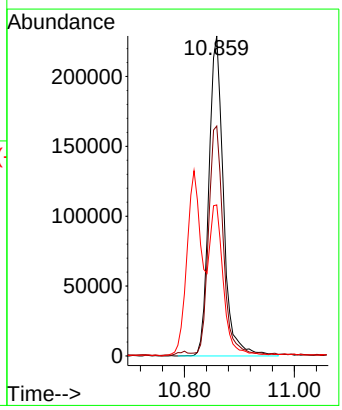
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

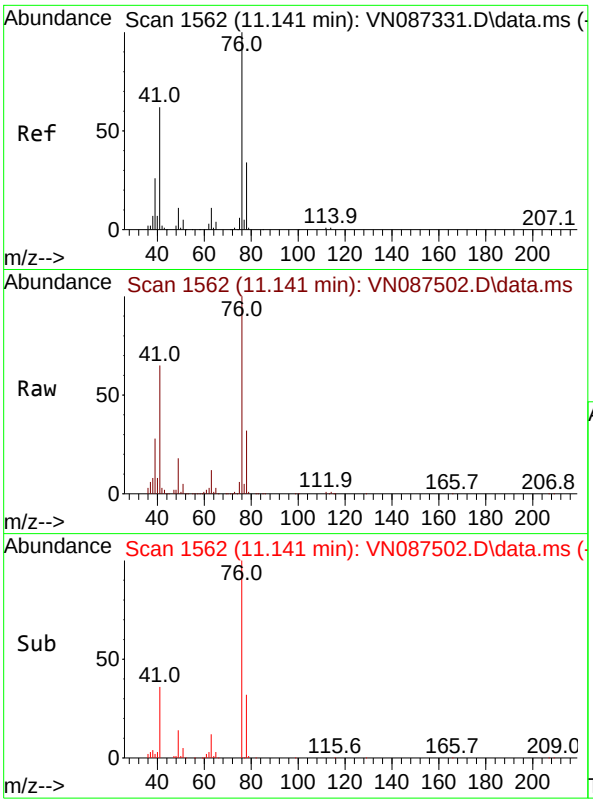


#56
Ethyl methacrylate
Concen: 53.919 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 69 Resp: 421434

Ion	Ratio	Lower	Upper
69	100		
41	70.9	55.1	82.7
39	42.3	27.9	41.9#

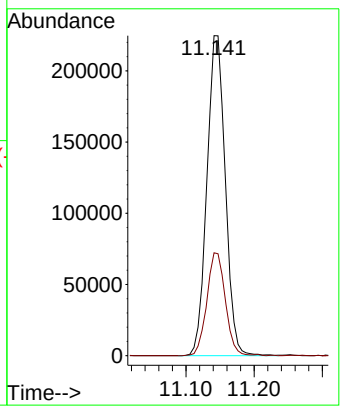




#57
1,3-Dichloropropane
Concen: 52.696 ug/l
RT: 11.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 76 Resp: 42210

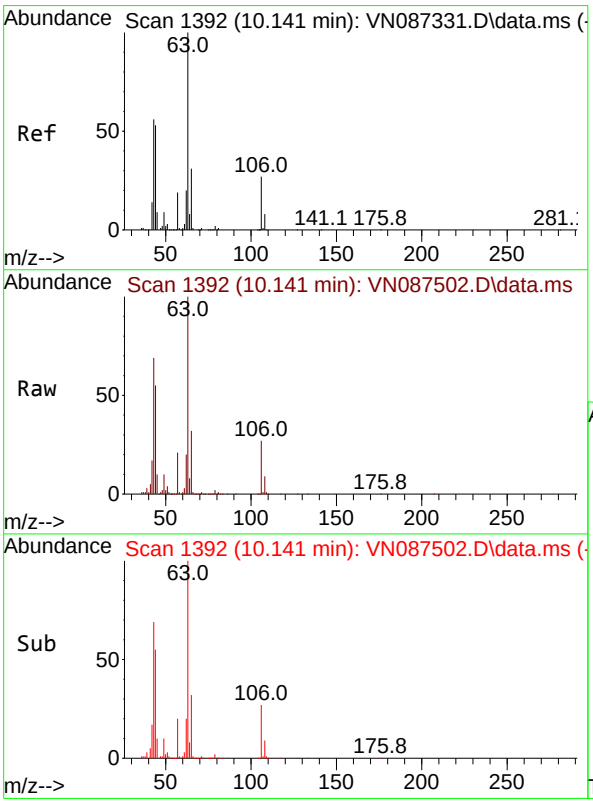
Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

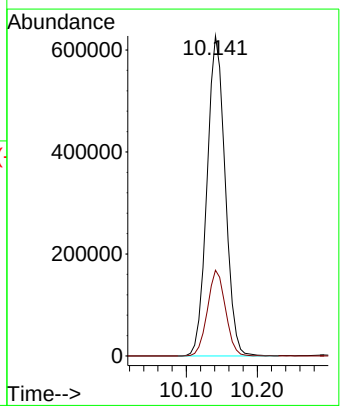
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

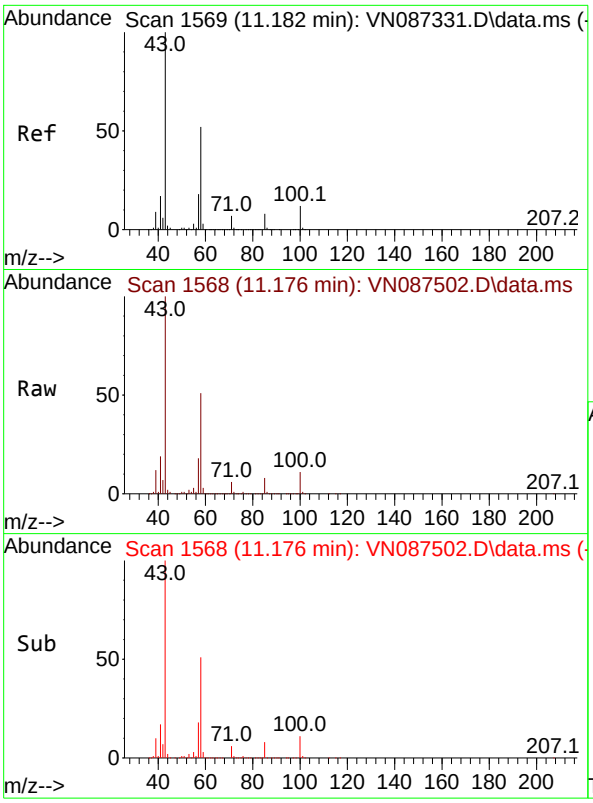


#58
2-Chloroethyl Vinyl ether
Concen: 292.701 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 63 Resp: 1112387

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.7	32.5





#59
2-Hexanone
Concen: 276.651 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

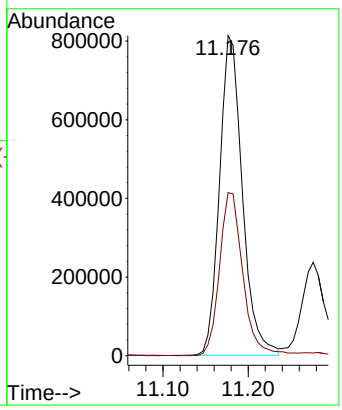
Tgt Ion: 43 Resp: 151608

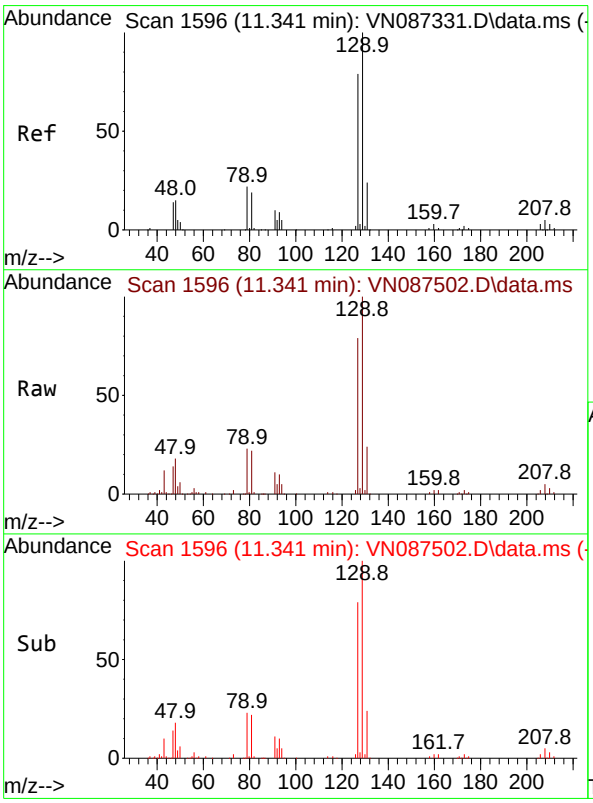
Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

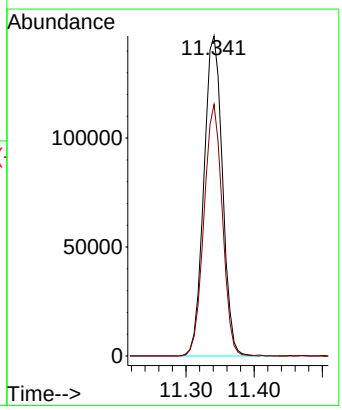


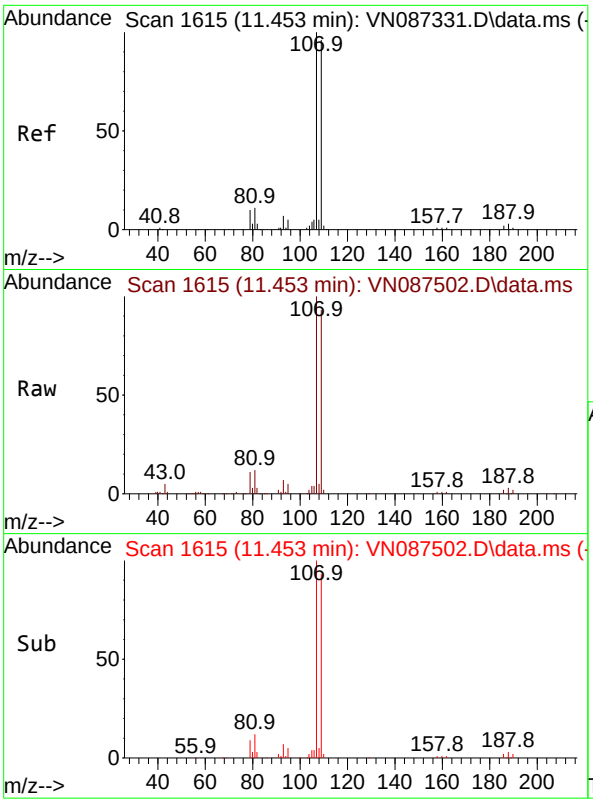


#60
Dibromochloromethane
Concen: 52.733 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:129 Resp: 278616

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.5





#61
1,2-Dibromoethane
Concen: 51.372 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

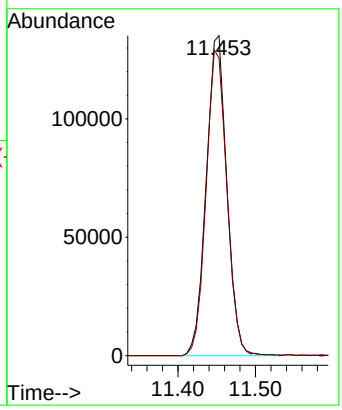
Tgt Ion:107 Resp: 25024

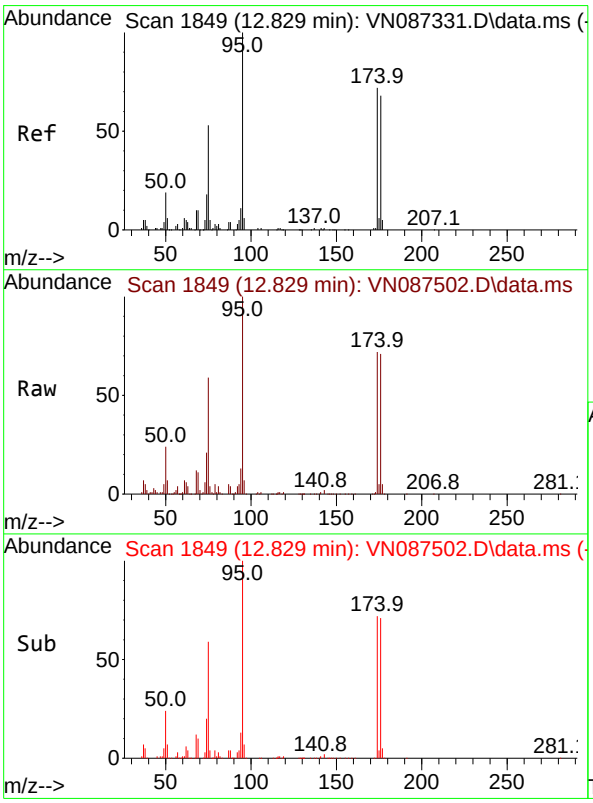
Ion	Ratio	Lower	Upper
107	100		
109	95.8	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

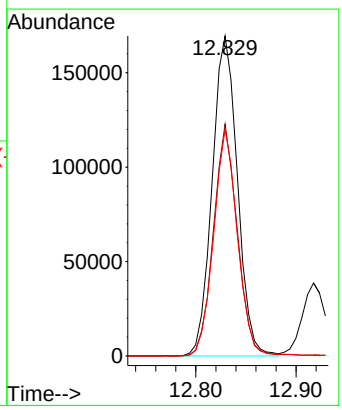


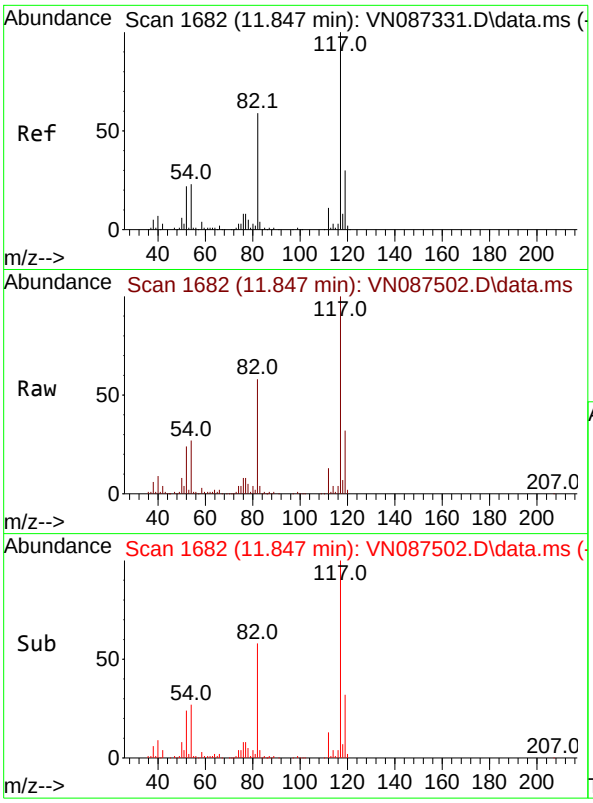


#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 95 Resp: 295656

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	149.4
176	66.6	0.0	141.2

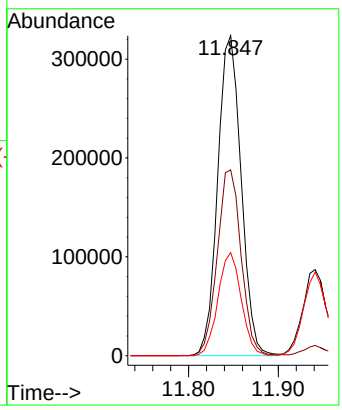




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:117 Resp: 58704

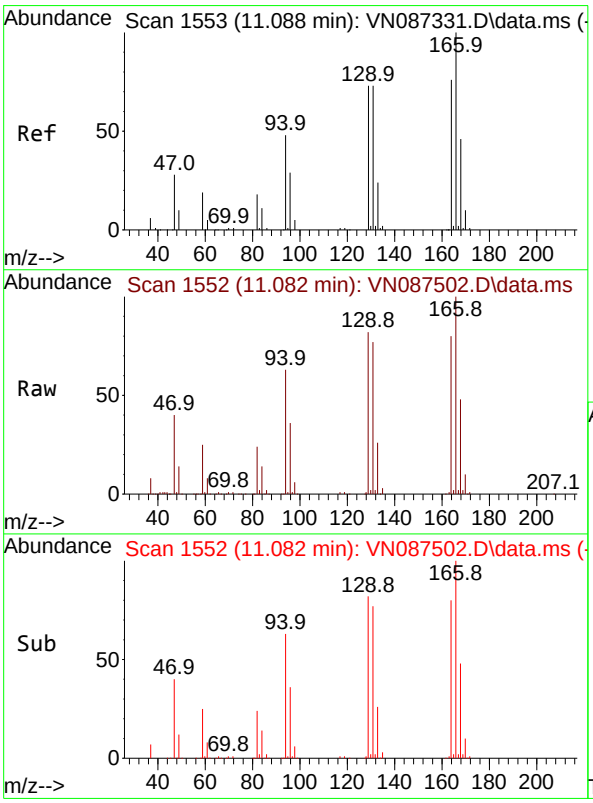
Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	32.2	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

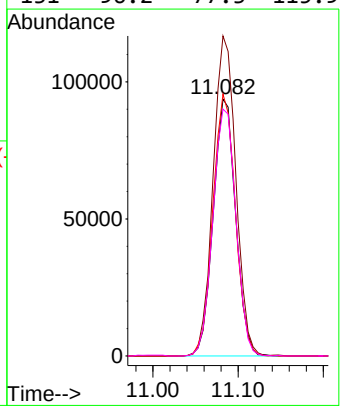
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

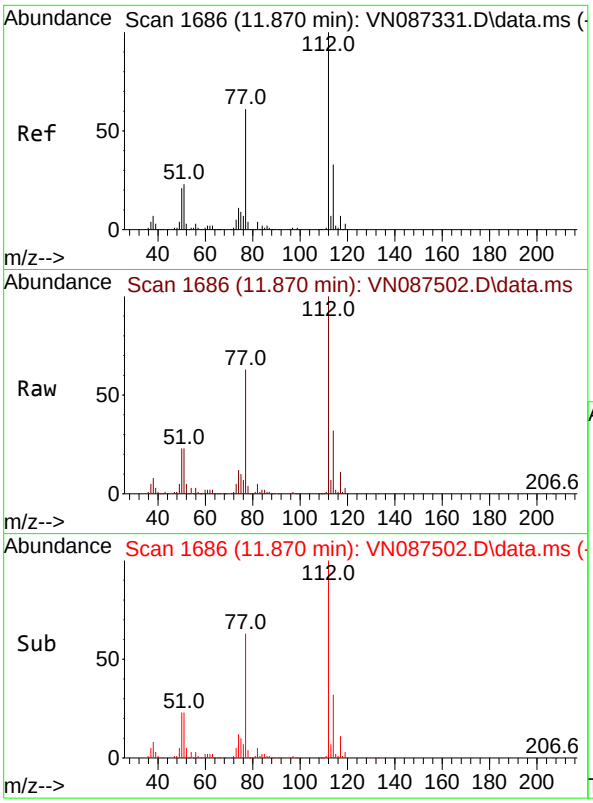


#64
Tetrachloroethene
Concen: 45.208 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:164 Resp: 170810

Ion	Ratio	Lower	Upper
164	100		
166	124.6	105.5	158.3
129	101.9	77.4	116.2
131	96.2	77.3	115.9

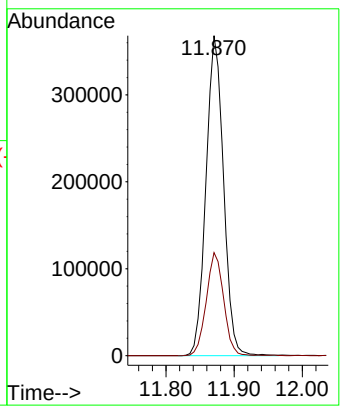




#65
Chlorobenzene
Concen: 49.908 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:112 Resp: 65777

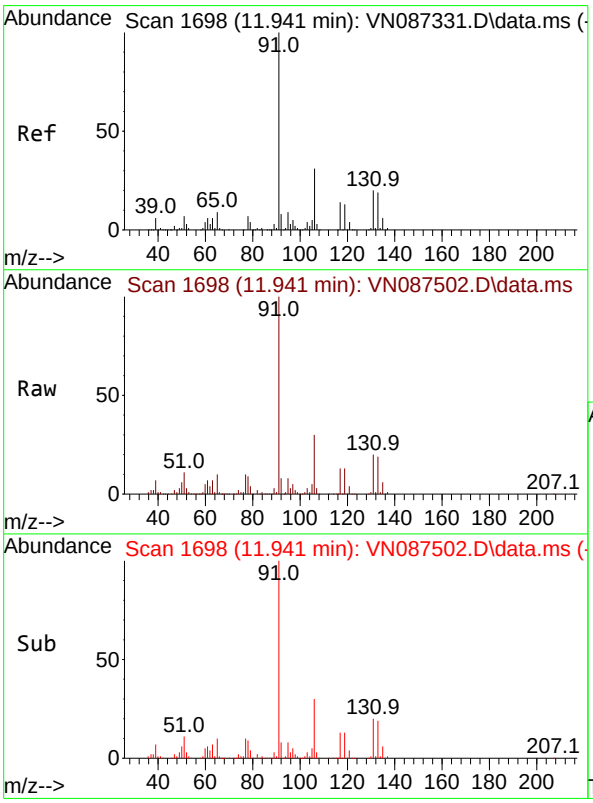
Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

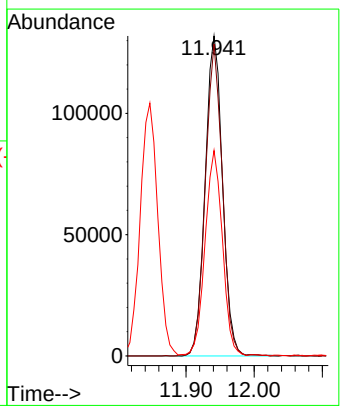
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

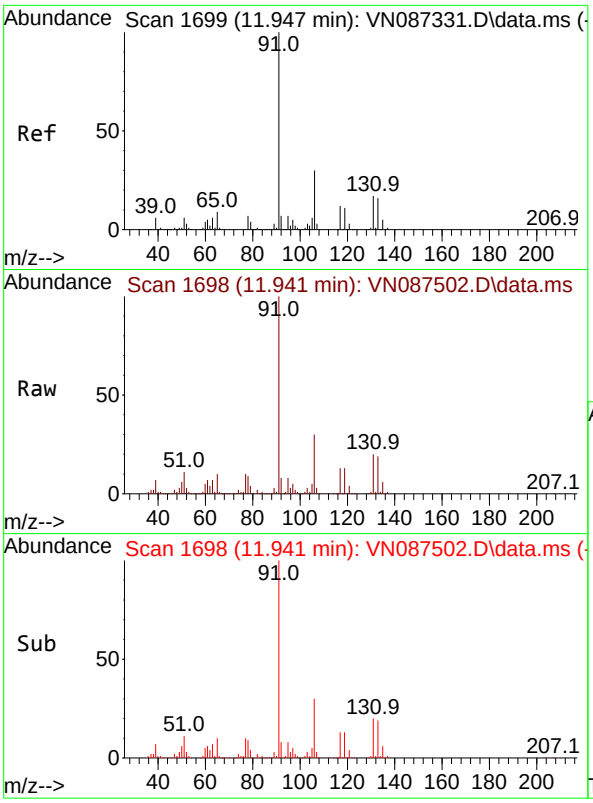


#66
1,1,1,2-Tetrachloroethane
Concen: 52.042 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:131 Resp: 233230

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.4	142.3
119	63.6	33.1	99.2

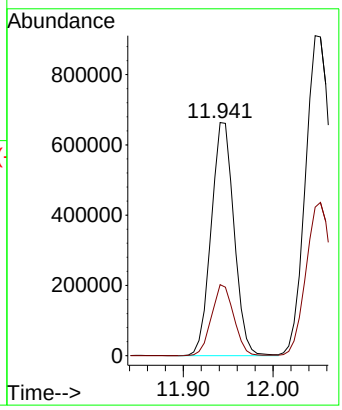




#67
Ethyl Benzene
Concen: 54.212 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 117624

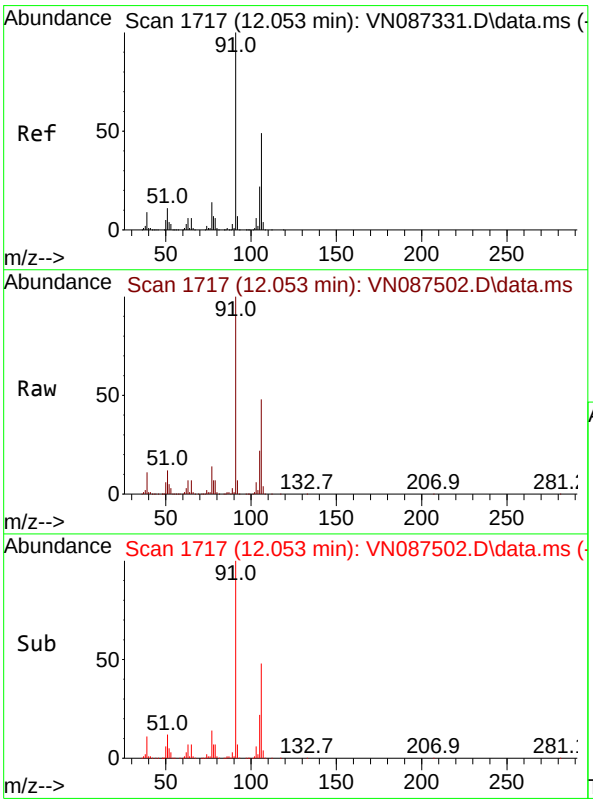
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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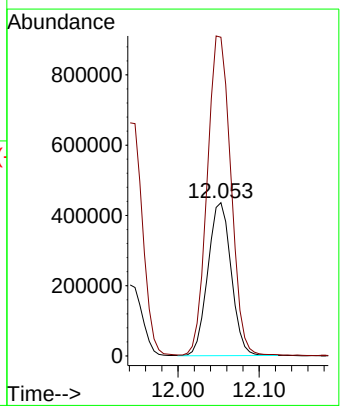
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

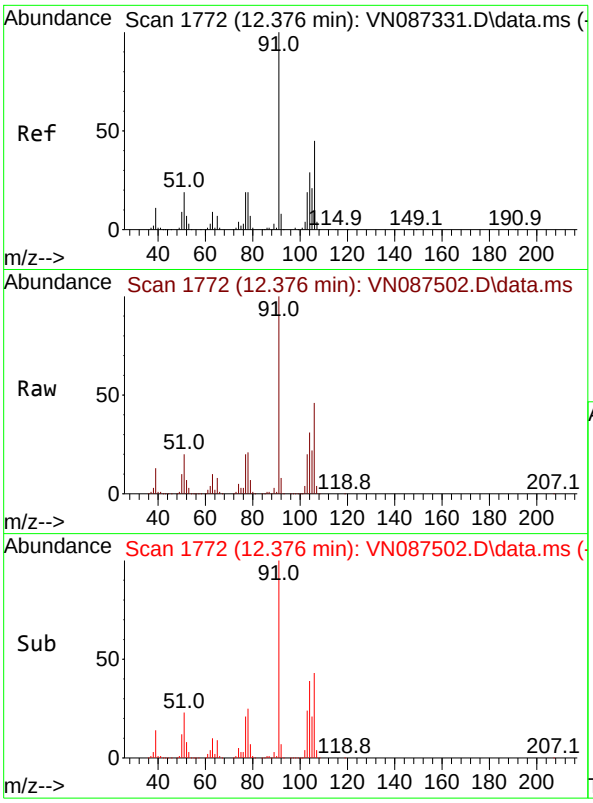


#68
m/p-Xylenes
Concen: 107.076 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:106 Resp: 869964

Ion	Ratio	Lower	Upper
106	100		
91	212.1	162.0	243.0

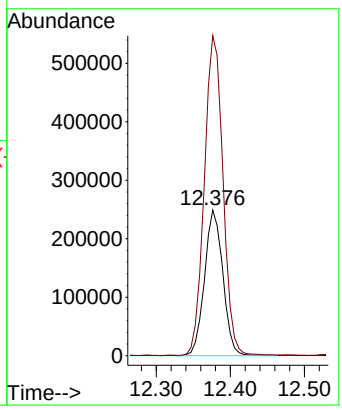




#69
o-Xylene
Concen: 55.254 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:106 Resp: 42882

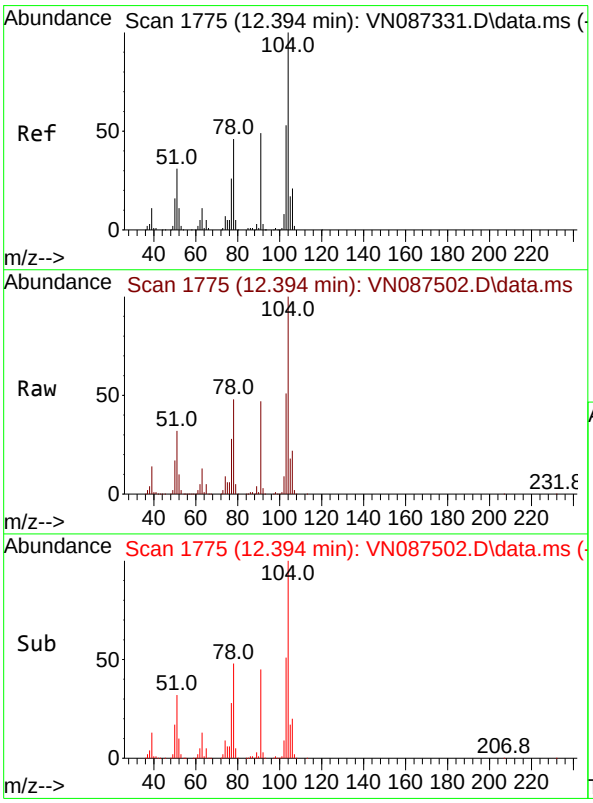
Ion	Ratio	Lower	Upper
106	100		
91	224.2	107.7	323.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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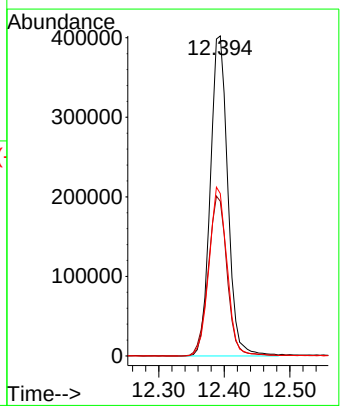
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

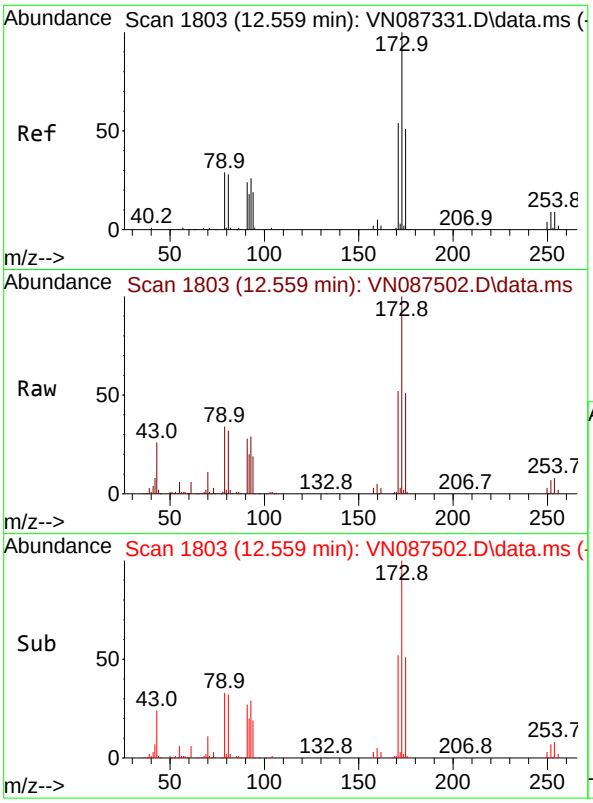


#70
Styrene
Concen: 57.114 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:104 Resp: 745658

Ion	Ratio	Lower	Upper
104	100		
78	53.7	41.0	61.6
103	54.5	43.9	65.9

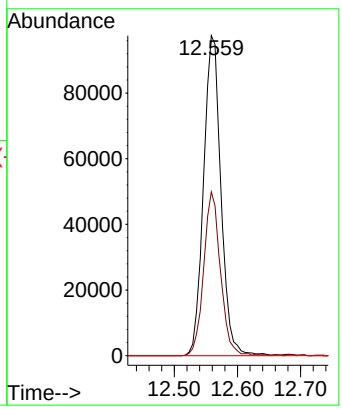




#71
Bromoform
Concen: 51.560 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:173 Resp: 18667

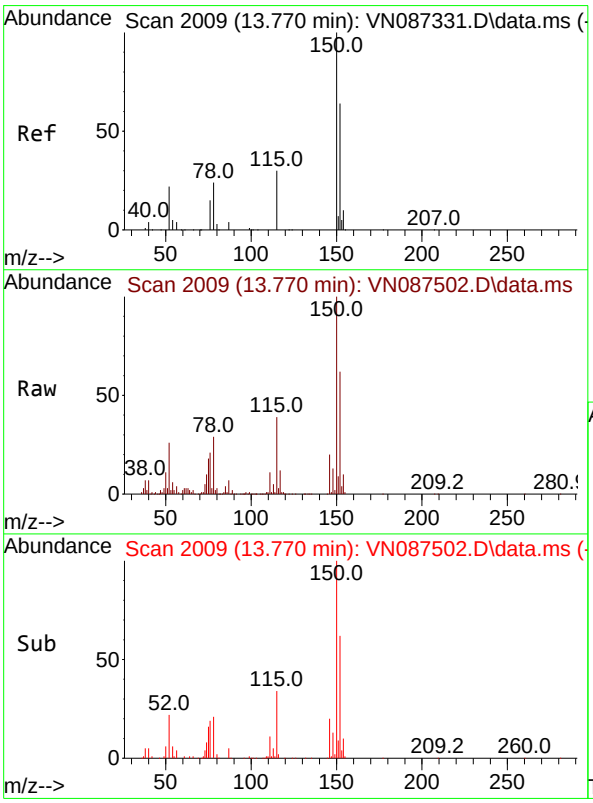
Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

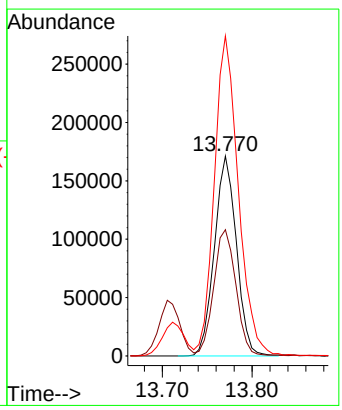
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

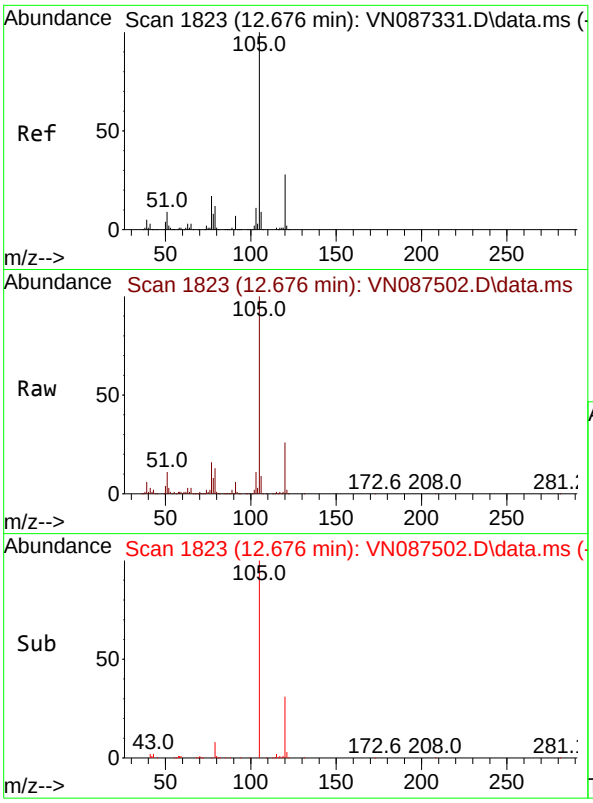


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:152 Resp: 291692

Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.1	93.5
150	174.1	0.0	349.0

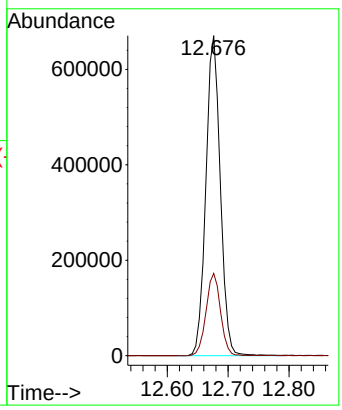




#73
Isopropylbenzene
Concen: 60.019 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:105 Resp: 110185

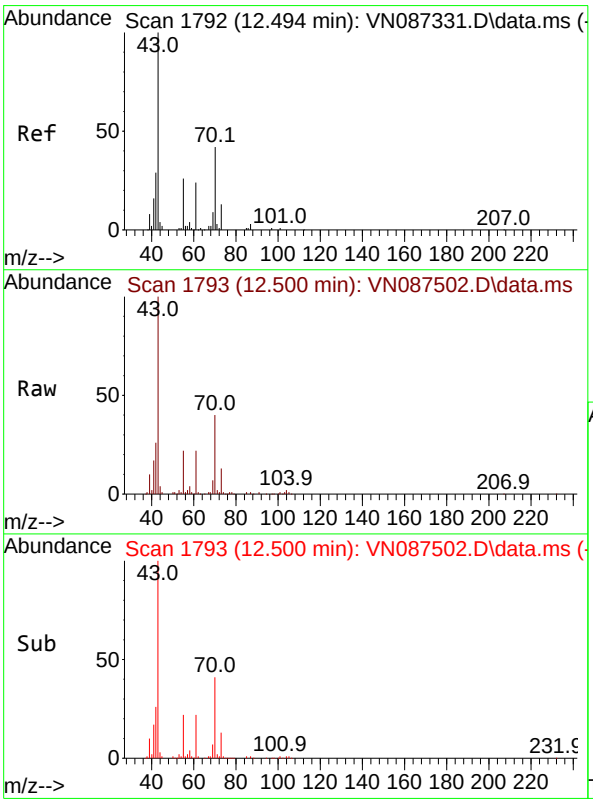
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

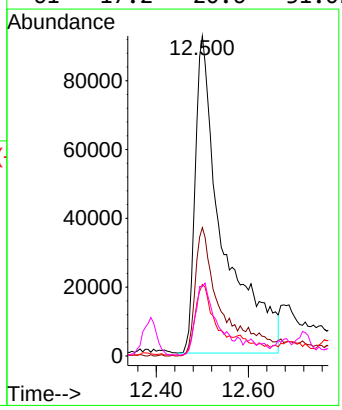
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

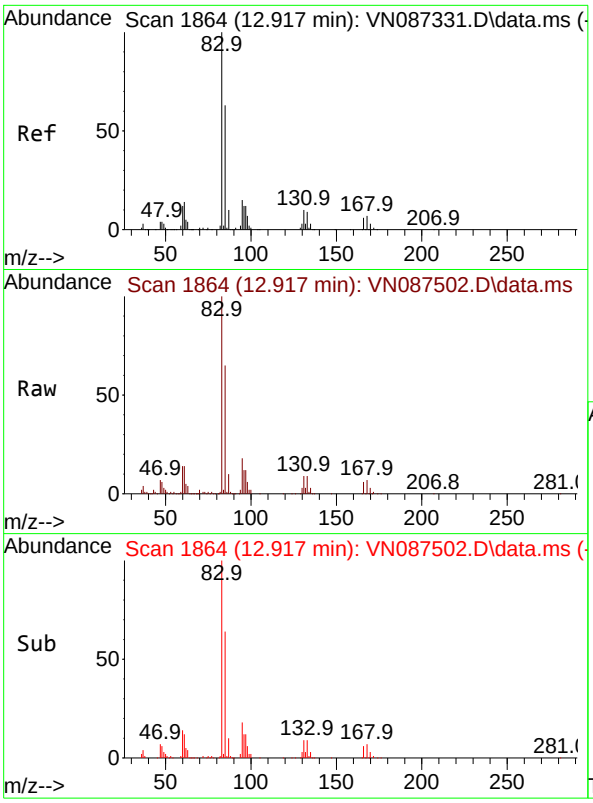


#74
N-amyl acetate
Concen: 50.138 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 43 Resp: 382429

Ion	Ratio	Lower	Upper
43	100		
70	38.8	37.6	56.4
55	16.8	19.6	29.4#
61	17.2	20.6	31.0#

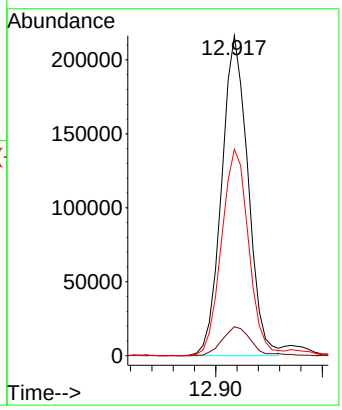




#75
1,1,2,2-Tetrachloroethane
Concen: 53.735 ug/l
RT: 12.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 83 Resp: 37119

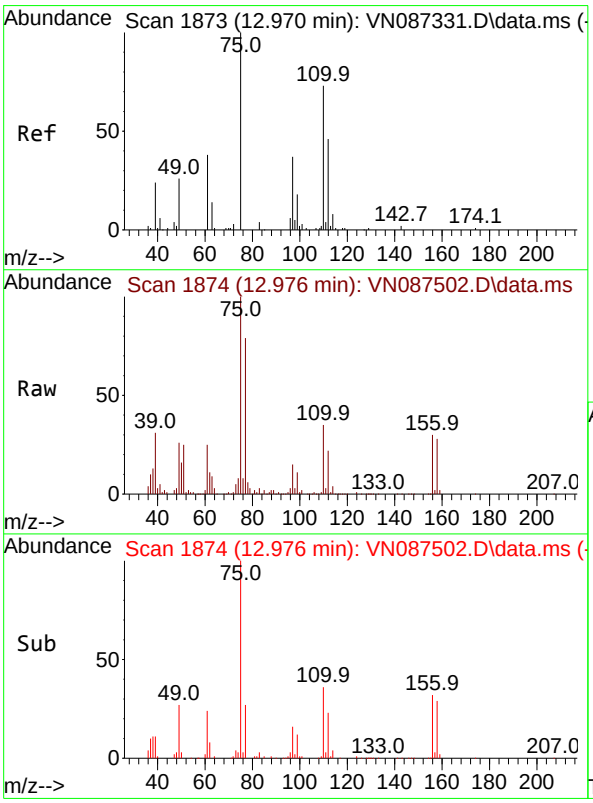
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	66.7	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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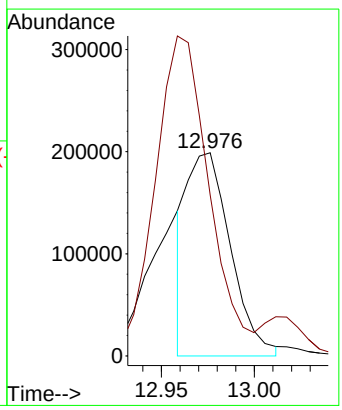
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

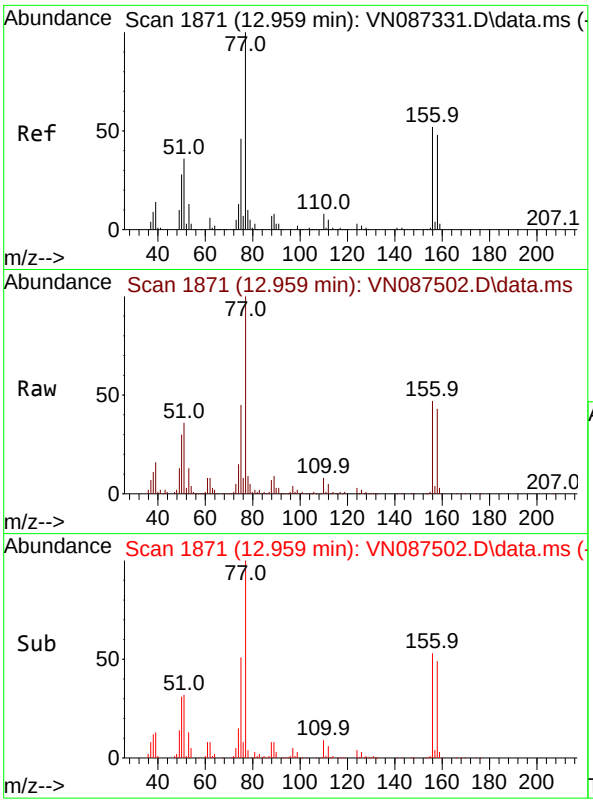


#76
1,2,3-Trichloropropane
Concen: 49.529 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 323967

Ion	Ratio	Lower	Upper
75	100		
77	195.4	94.5	283.6

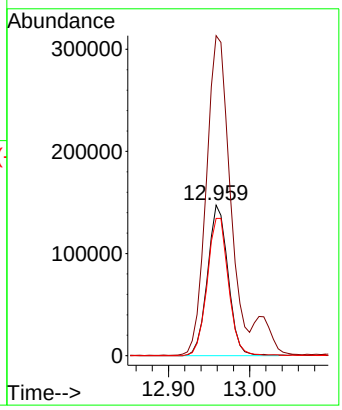




#77
Bromobenzene
Concen: 54.217 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:156 Resp: 25813

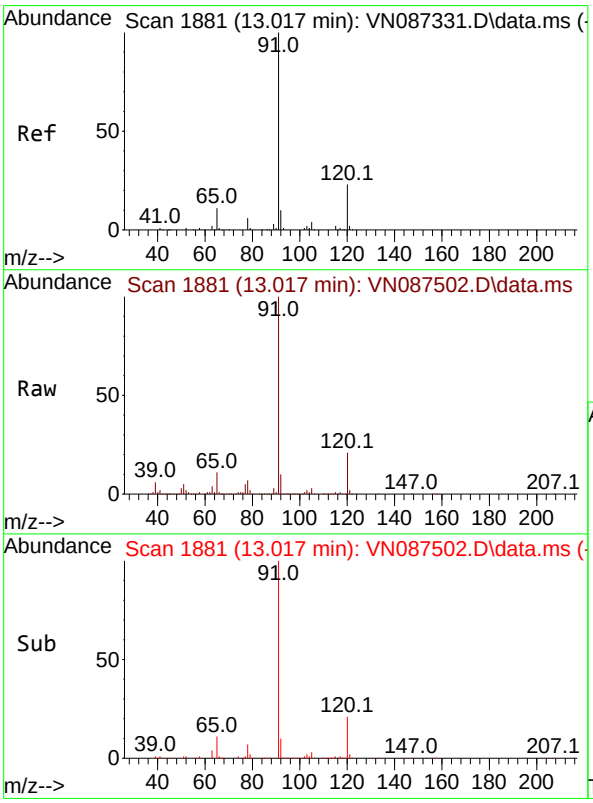
Ion	Ratio	Lower	Upper
156	100		
77	245.3	114.9	344.6
158	94.9	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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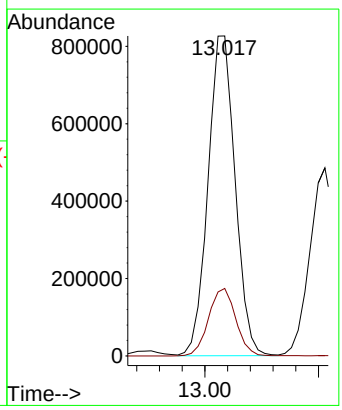
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

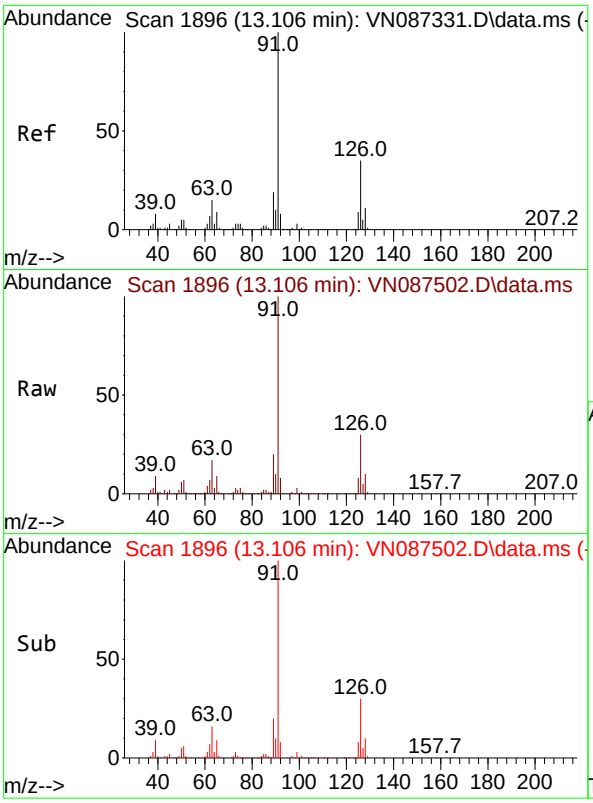


#78
n-propylbenzene
Concen: 59.409 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 1372237

Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.3	33.8

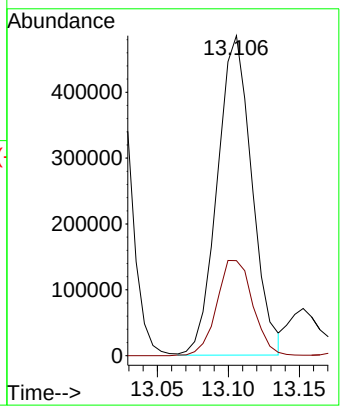




#79
2-Chlorotoluene
Concen: 57.976 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 82299

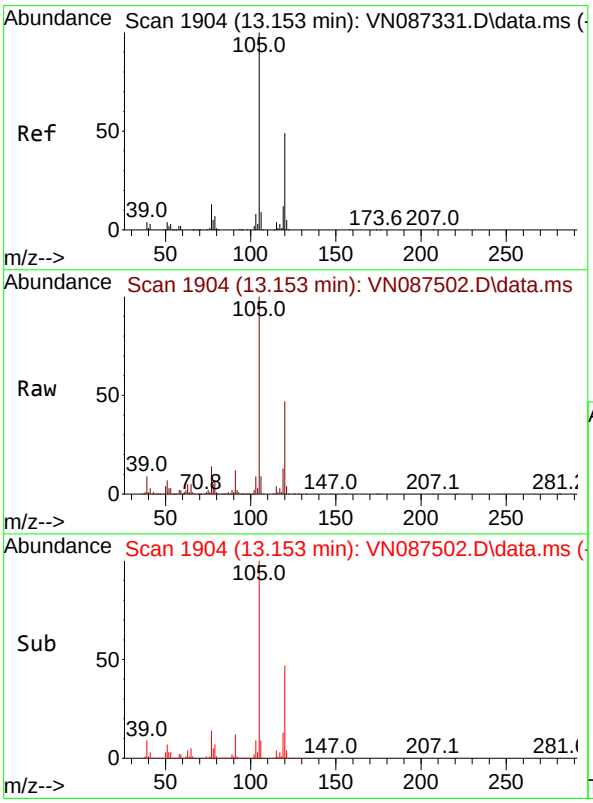
Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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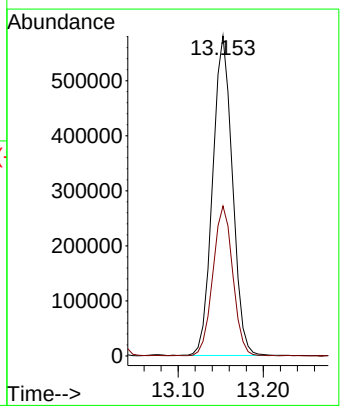
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

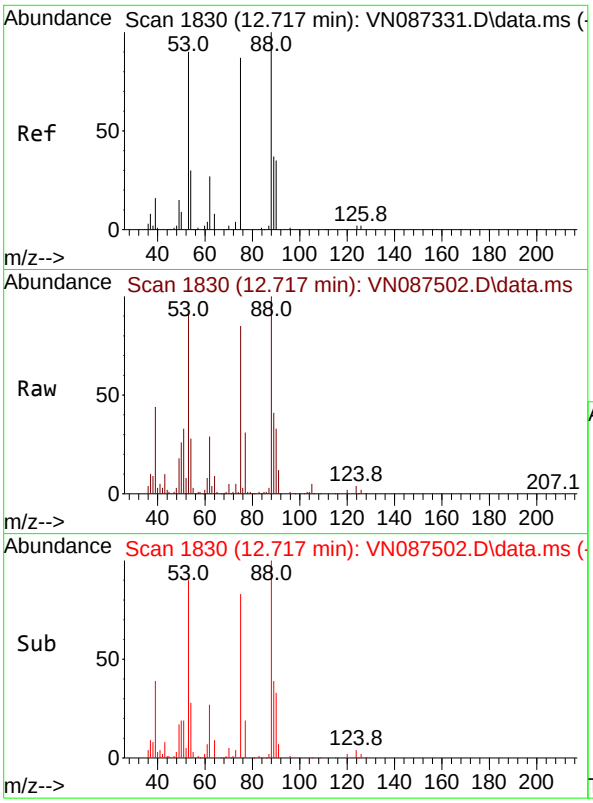


#80
1,3,5-Trimethylbenzene
Concen: 59.964 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:105 Resp: 937941

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.3	72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 56.350 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

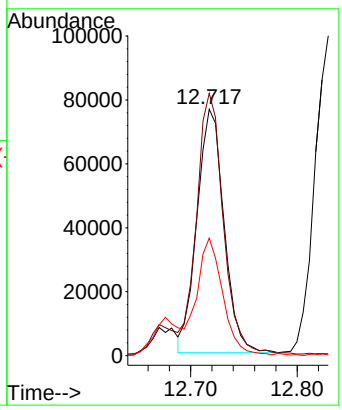
Tgt Ion: 75 Resp: 13470

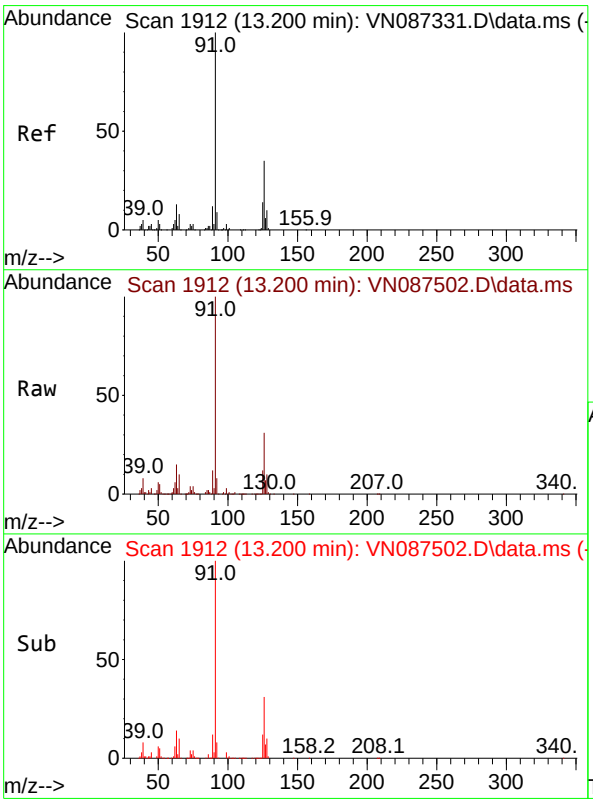
Ion	Ratio	Lower	Upper
75	100		
53	106.3	83.5	125.3
89	45.2	38.4	57.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

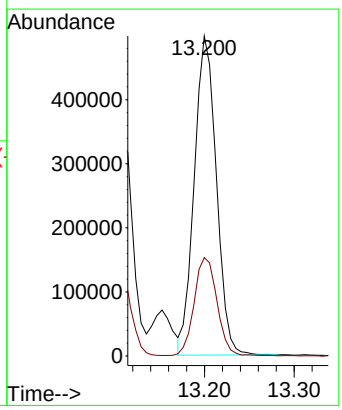


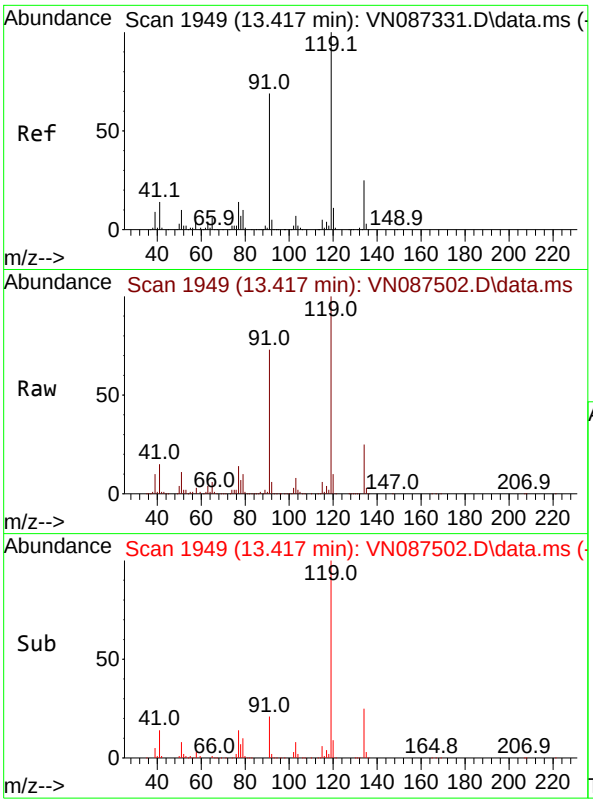


#82
4-Chlorotoluene
Concen: 57.610 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 851446

Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.6	49.7

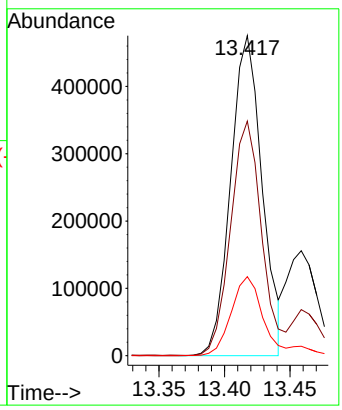




#83
tert-Butylbenzene
Concen: 60.719 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:119 Resp: 79324

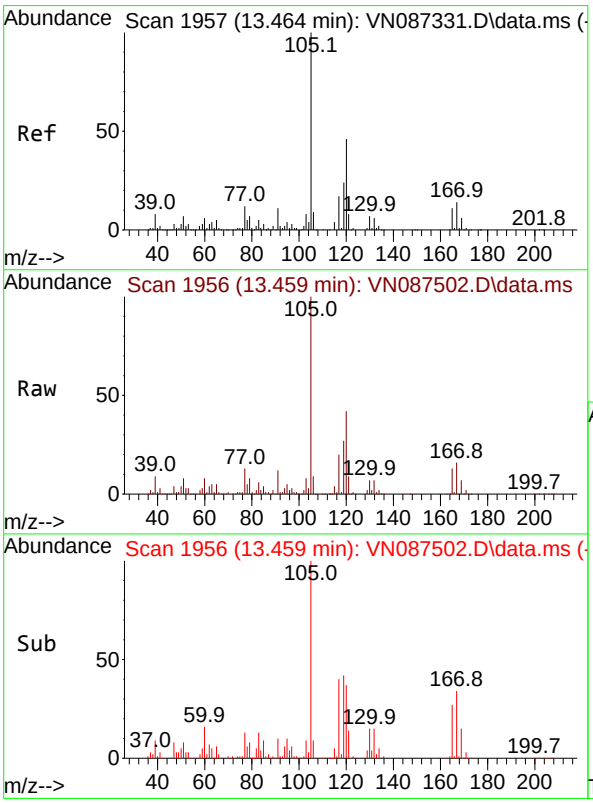
Ion	Ratio	Lower	Upper
119	100		
91	72.6	35.0	105.1
134	26.6	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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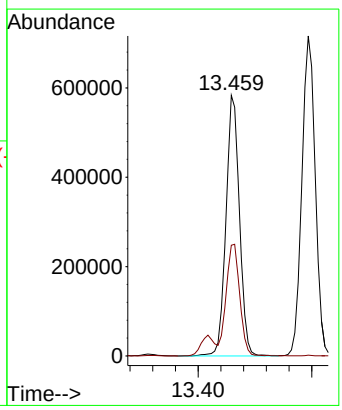
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

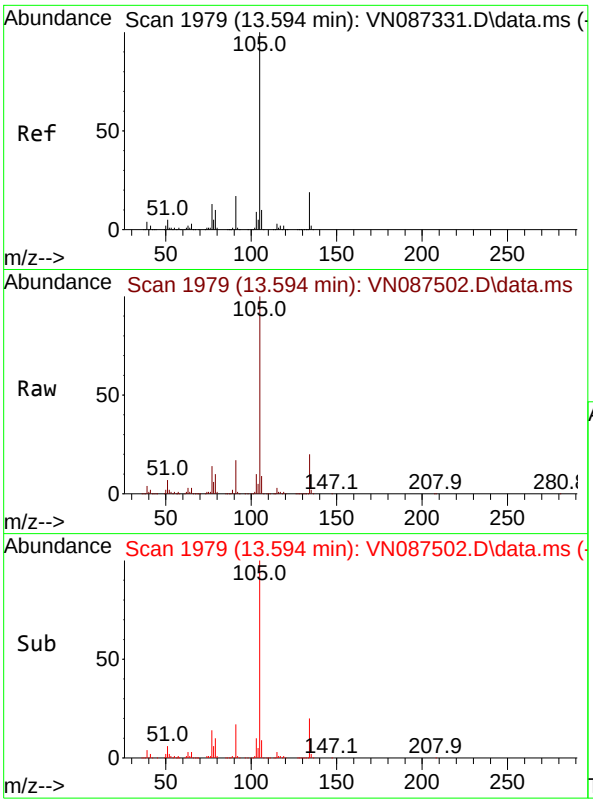


#84
1,2,4-Trimethylbenzene
Concen: 60.315 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:105 Resp: 963459

Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.8	68.3

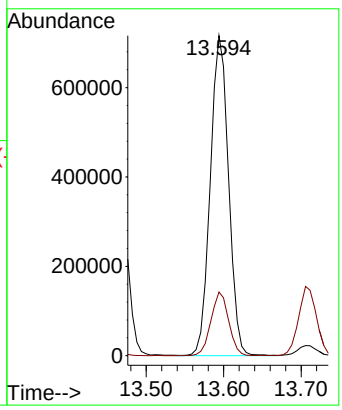




#85
sec-Butylbenzene
Concen: 59.490 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:105 Resp: 117065

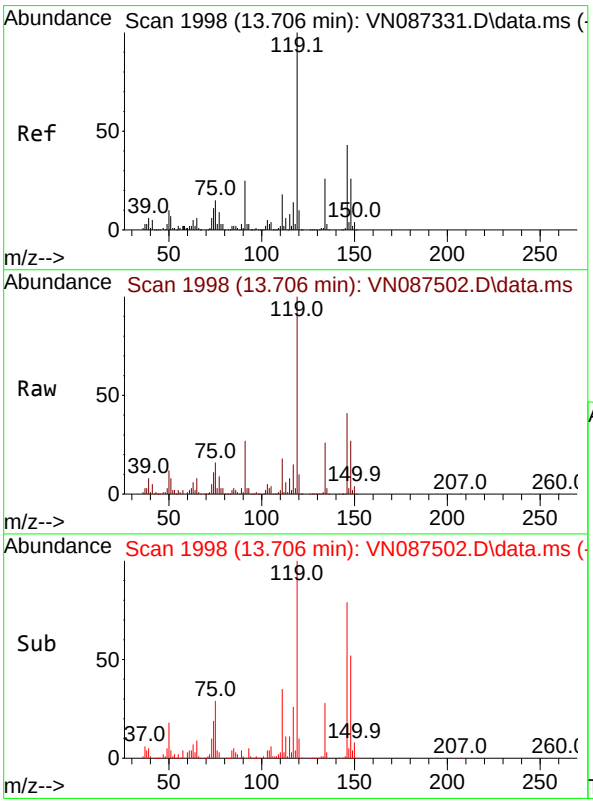
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

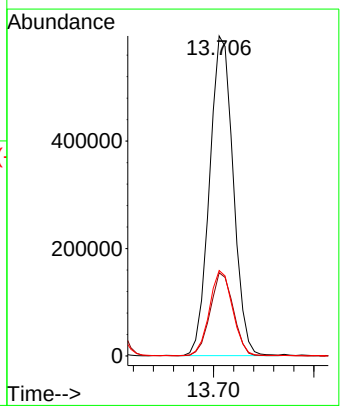
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

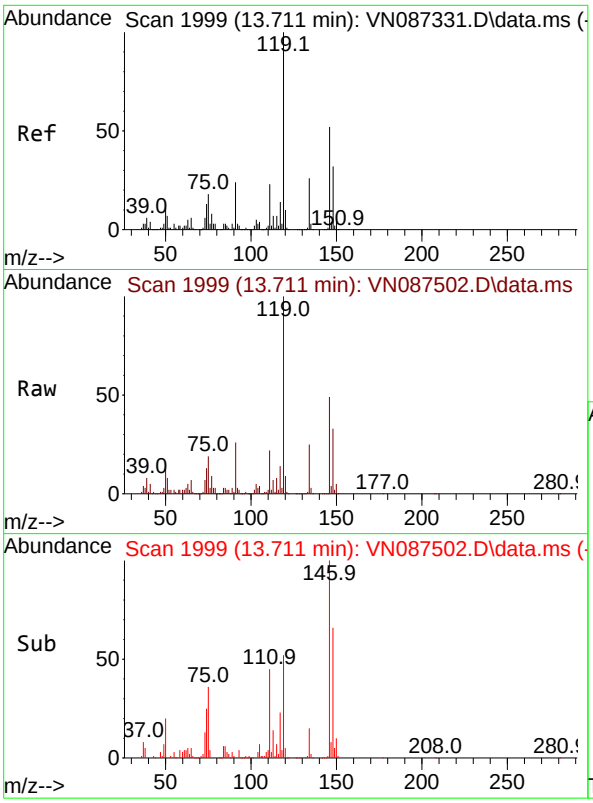


#86
p-Isopropyltoluene
Concen: 61.853 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:119 Resp: 975420

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.5	40.5
91	26.3	12.2	36.6

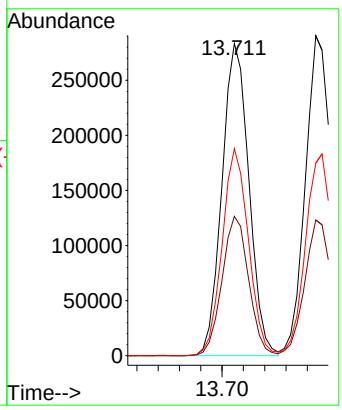




#87
1,3-Dichlorobenzene
Concen: 53.246 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:146 Resp: 49754

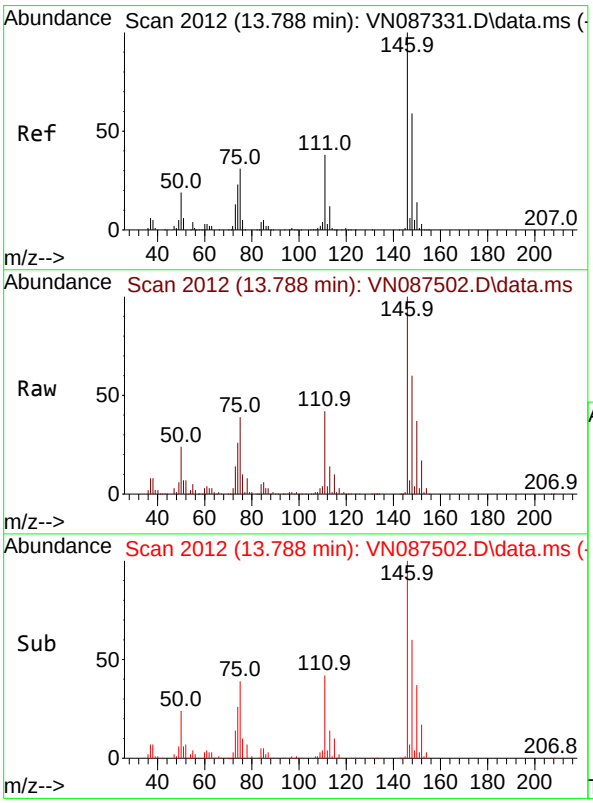
Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	64.8	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

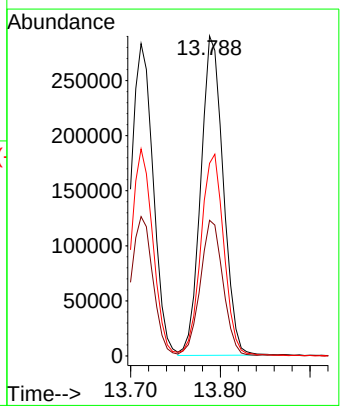
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

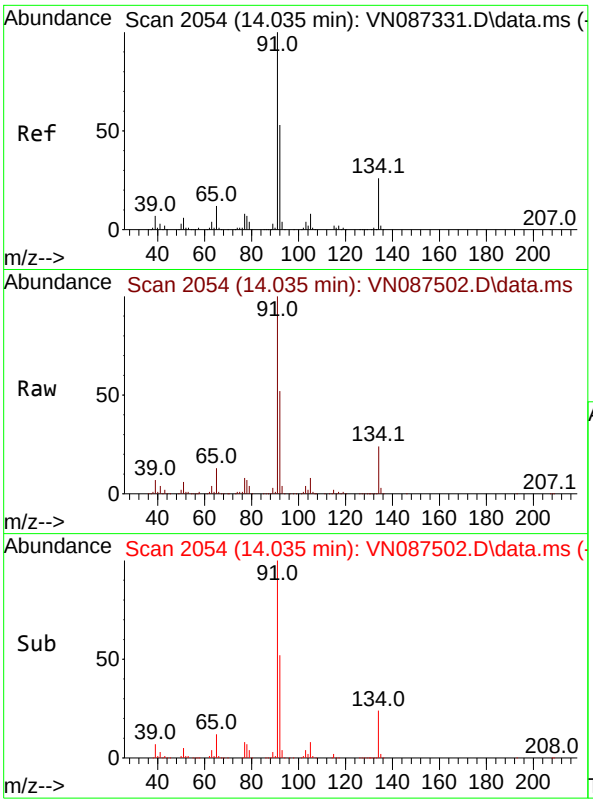


#88
1,4-Dichlorobenzene
Concen: 50.459 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:146 Resp: 503587

Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.6	58.7
148	64.9	31.4	94.0

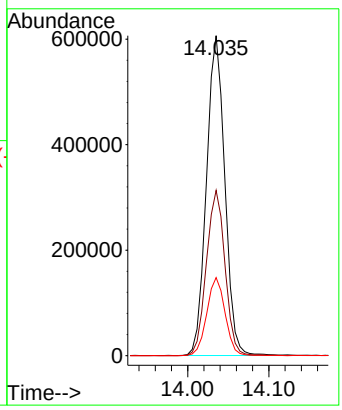




#89
n-Butylbenzene
Concen: 63.231 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 91 Resp: 95215

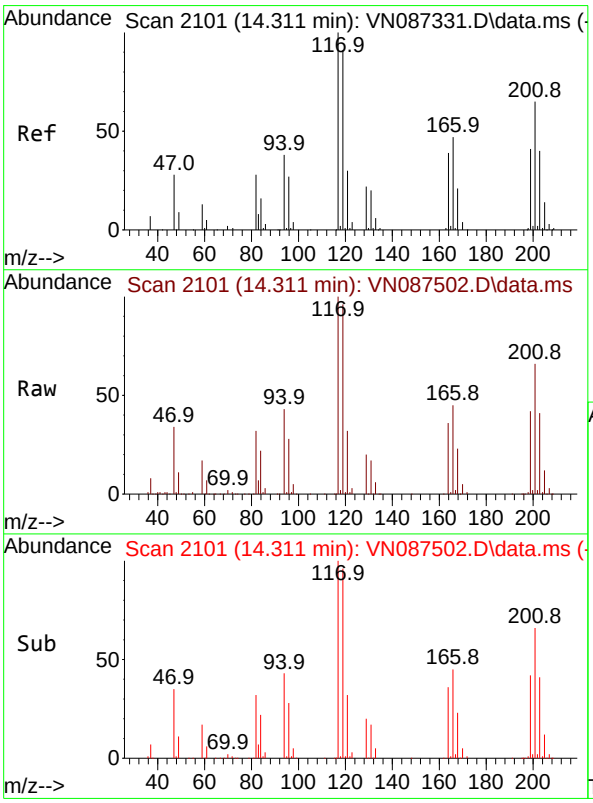
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.6
134	24.4	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

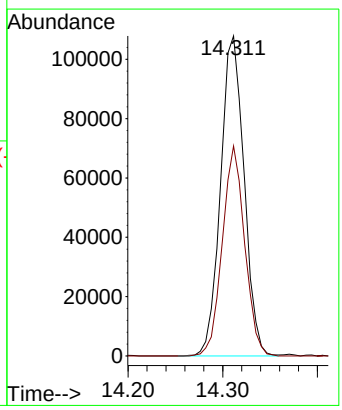
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

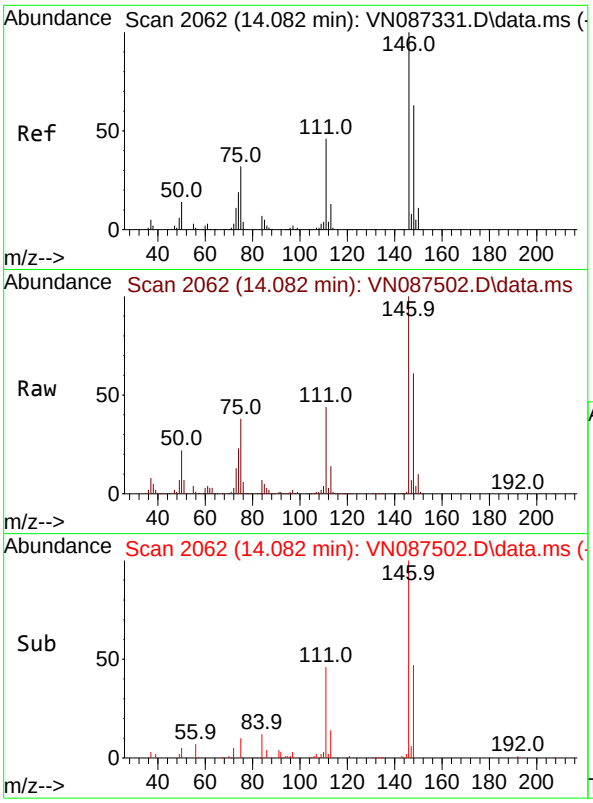


#90
Hexachloroethane
Concen: 55.635 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:117 Resp: 185894

Ion	Ratio	Lower	Upper
117	100		
201	62.3	32.8	98.4

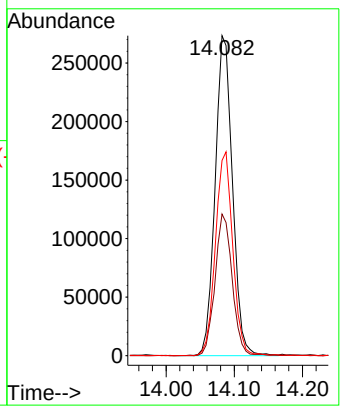




#91
1,2-Dichlorobenzene
Concen: 54.667 ug/l
RT: 14.082 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:146 Resp: 48393

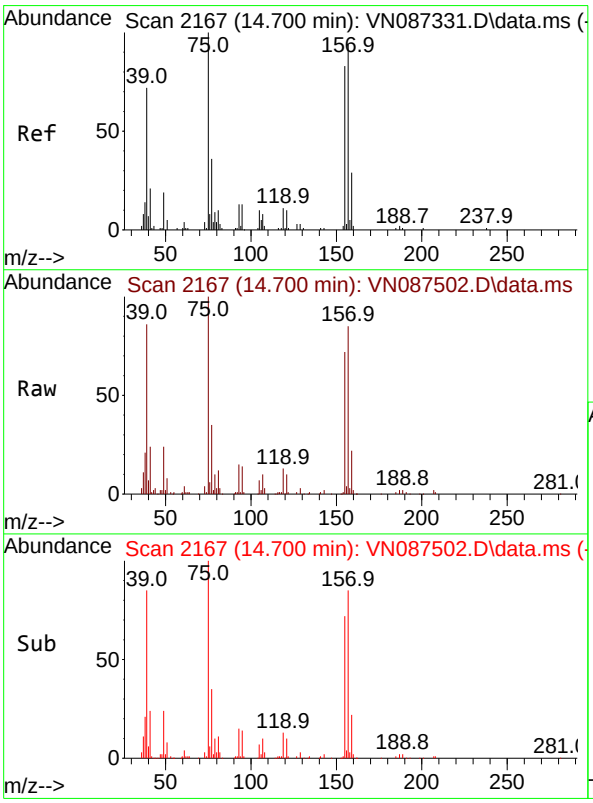
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	63.7	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

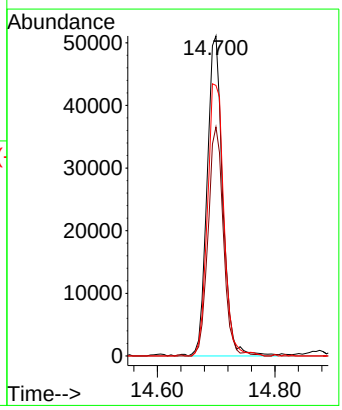
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

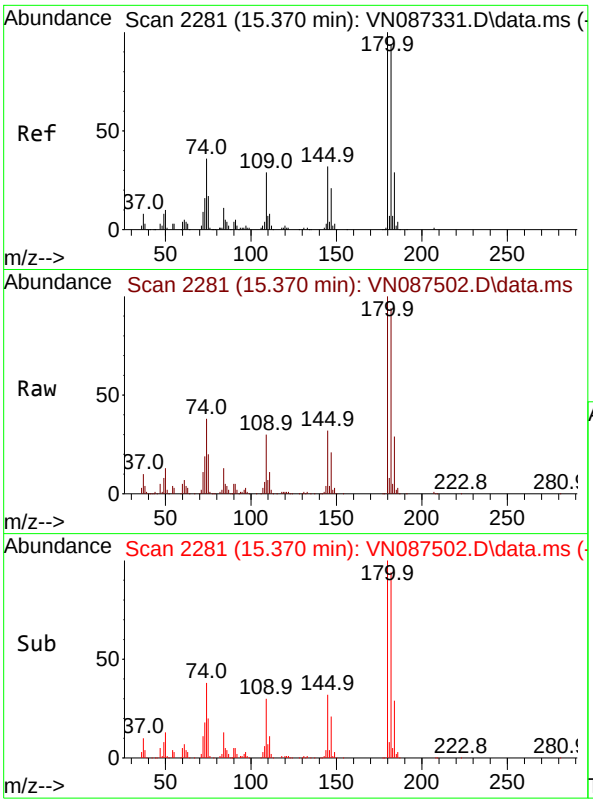


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.978 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion: 75 Resp: 94271

Ion	Ratio	Lower	Upper
75	100		
155	70.2	37.3	111.8
157	89.2	46.2	138.6

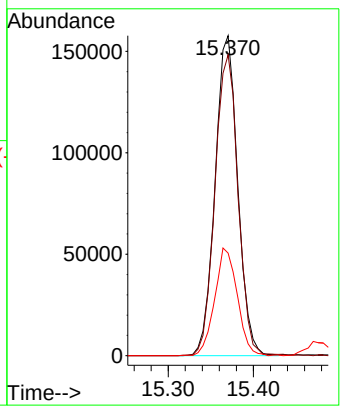




#93
1,2,4-Trichlorobenzene
Concen: 56.077 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:180 Resp: 29160

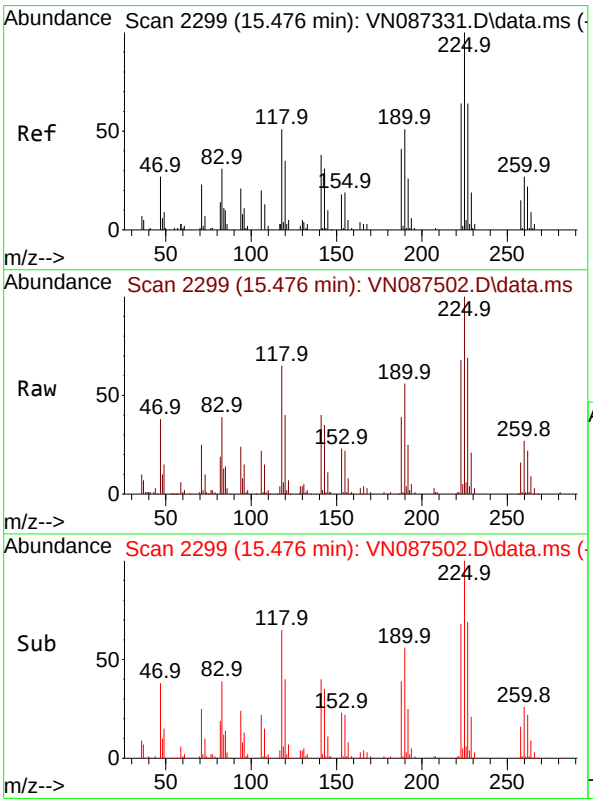
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	33.5	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

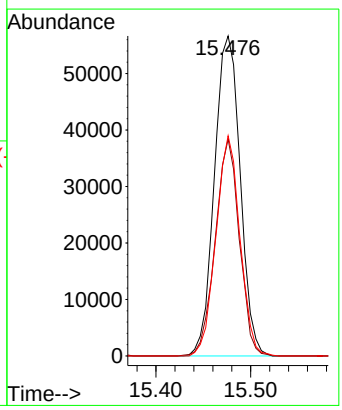
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

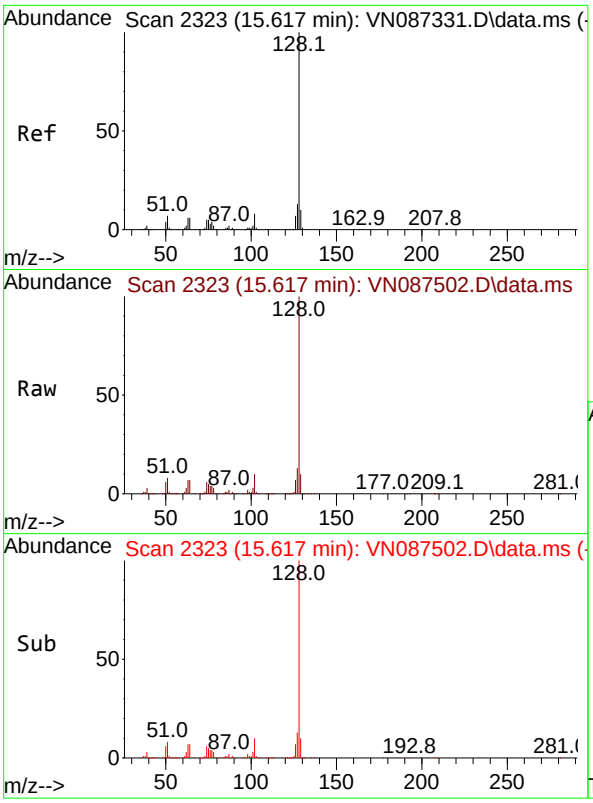


#94
Hexachlorobutadiene
Concen: 55.415 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:225 Resp: 107072

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	96.3
227	64.0	31.3	93.9

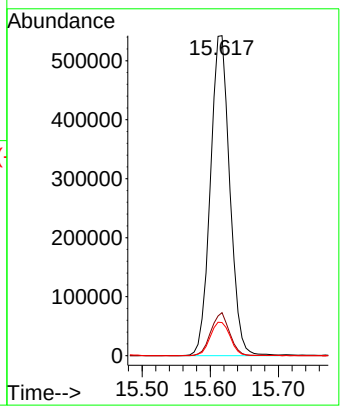




#95
Naphthalene
Concen: 58.344 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:128 Resp: 107479

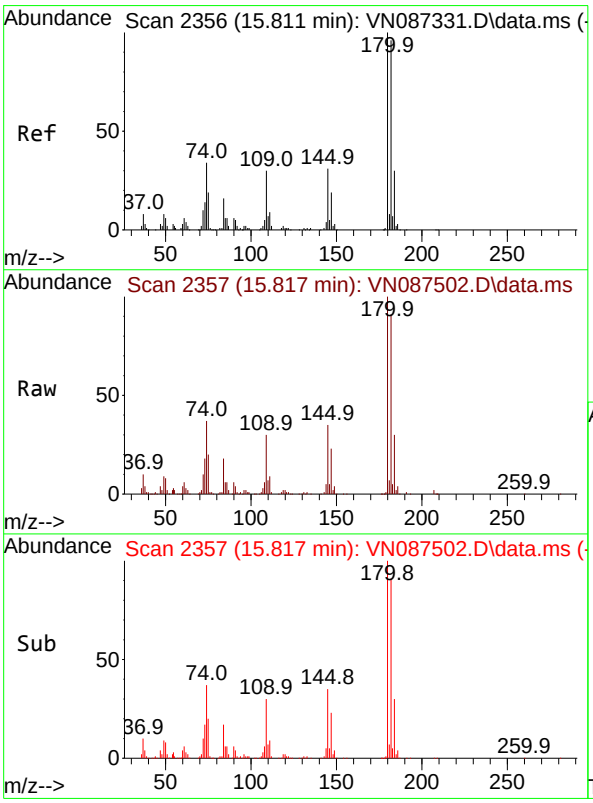
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

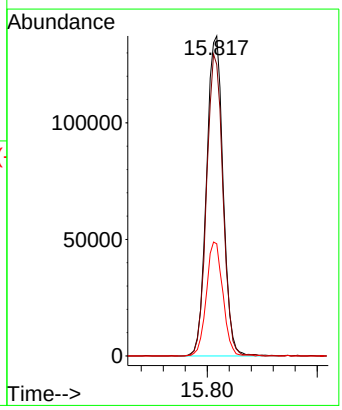
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.049 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087502.D
Acq: 12 Aug 2025 10:24

Tgt Ion:180 Resp: 287140

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.1	141.4
145	35.5	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	181#	0.00
2	T	Dichlorodifluoromethane	0.531	0.639	-20.3	186#	0.00
3	P	Chloromethane	0.668	0.654	2.1	172#	0.00
4	C	Vinyl Chloride	0.664	0.733	-10.4#	182#	0.00
5	T	Bromomethane	0.344	0.404	-17.4	205#	0.00
6	T	Chloroethane	0.433	0.480	-10.9	197#	0.00
7	T	Trichlorofluoromethane	0.981	1.038	-5.8	183#	0.00
8	T	Diethyl Ether	0.381	0.451	-18.4	207#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.504	0.554	-9.9	191#	0.01
10	T	Methyl Iodide	0.452	0.415	8.2	152#	0.00
11	T	Tert butyl alcohol	0.161	0.183	-13.7	206#	0.00
12	CM	1,1-Dichloroethene	0.571	0.573	-0.4#	190#	0.00
13	T	Acrolein	0.129	0.158	-22.5	236#	0.00
14	T	Allyl chloride	1.033	1.126	-9.0	203#	0.00
15	T	Acrylonitrile	0.437	0.461	-5.5	184#	0.00
16	T	Acetone	0.398	0.470	-18.1	220#	0.00
17	T	Carbon Disulfide	1.693	1.707	-0.8	178#	0.00
18	T	Methyl Acetate	0.999	1.151	-15.2	210#	0.00
19	T	Methyl tert-butyl Ether	2.104	2.549	-21.2	213#	0.00
20	T	Methylene Chloride	0.766	0.719	6.1	193#	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.660	-2.5	183#	0.00
22	T	Diisopropyl ether	2.167	2.582	-19.2	204#	0.00
23	T	Vinyl Acetate	1.895	2.384	-25.8#	204#	0.00
24	P	1,1-Dichloroethane	1.250	1.361	-8.9	202#	0.00
25	T	2-Butanone	0.615	0.671	-9.1	189#	0.00
26	T	2,2-Dichloropropane	0.972	1.214	-24.9	224#	0.00
27	T	cis-1,2-Dichloroethene	0.741	0.825	-11.3	195#	0.00
28	T	Bromochloromethane	0.598	0.624	-4.3	190#	0.00
29	T	Tetrahydrofuran	0.399	0.438	-9.8	186#	0.00
30	C	Chloroform	1.251	1.408	-12.5#	199#	0.00
31	T	Cyclohexane	1.043	1.110	-6.4	192#	0.00
32	T	1,1,1-Trichloroethane	1.084	1.184	-9.2	198#	0.00
33	S	1,2-Dichloroethane-d4	0.848	0.900	-6.1	203#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	196#	0.00
35	S	Dibromofluoromethane	0.345	0.326	5.5	192#	0.00
36	T	1,1-Dichloropropene	0.456	0.467	-2.4	188#	0.00
37	T	Ethyl Acetate	0.658	0.674	-2.4	187#	0.00
38	T	Carbon Tetrachloride	0.502	0.510	-1.6	194#	0.00
39	T	Methylcyclohexane	0.493	0.524	-6.3	194#	0.00
40	TM	Benzene	1.473	1.523	-3.4	193#	0.00
41	T	Methacrylonitrile	0.344	0.393	-14.2	209#	0.00
42	TM	1,2-Dichloroethane	0.558	0.594	-6.5	206#	0.00
43	T	Isopropyl Acetate	1.022	1.115	-9.1	204#	0.00
44	TM	Trichloroethene	0.348	0.339	2.6	187#	0.00
45	C	1,2-Dichloropropane	0.374	0.386	-3.2#	192#	0.00
46	T	Dibromomethane	0.280	0.286	-2.1	194#	0.00
47	T	Bromodichloromethane	0.564	0.596	-5.7	206#	0.00
48	T	Methyl methacrylate	0.460	0.536	-16.5	208#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	181#	0.00
50	S	Toluene-d8	1.230	1.195	2.8	192#	0.00
51	T	4-Methyl-2-Pentanone	0.646	0.681	-5.4	194#	0.00
52	CM	Toluene	0.895	0.942	-5.3#	192#	0.00
53	T	t-1,3-Dichloropropene	0.571	0.656	-14.9	207#	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.659	-11.7	205#	0.00
55	T	1,1,2-Trichloroethane	0.362	0.374	-3.3	200#	0.00
56	T	Ethyl methacrylate	0.552	0.659	-19.4	206#	0.00
57	T	1,3-Dichloropropane	0.627	0.660	-5.3	198#	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.348	-17.2	198#	0.00
59	T	2-Hexanone	0.429	0.474	-10.5	188#	0.00
60	T	Dibromochloromethane	0.413	0.436	-5.6	199#	0.00
61	T	1,2-Dibromoethane	0.381	0.392	-2.9	200#	0.00
62	S	4-Bromofluorobenzene	0.455	0.463	-1.8	200#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	196#	0.00
64	T	Tetrachloroethene	0.322	0.291	9.6	178#	0.00
65	PM	Chlorobenzene	1.123	1.120	0.3	196#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.397	-3.9	198#	0.00
67	C	Ethyl Benzene	1.848	2.004	-8.4#	202#	0.00
68	T	m/p-Xylenes	0.692	0.741	-7.1	191#	0.00
69	T	o-Xylene	0.661	0.730	-10.4	198#	0.00
70	T	Styrene	1.112	1.270	-14.2	198#	0.00
71	P	Bromoform	0.308	0.318	-3.2	189#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	184#	0.00
73	T	Isopropylbenzene	3.147	3.777	-20.0	205#	0.00
74	T	N-amyl acetate	1.307	1.311	-0.3	212#	0.00
75	P	1,1,2,2-Tetrachloroethane	1.184	1.273	-7.5	194#	0.00
76	T	1,2,3-Trichloropropane	1.121	1.111	0.9	172#	0.00
77	T	Bromobenzene	0.816	0.885	-8.5	188#	0.00
78	T	n-propylbenzene	3.959	4.704	-18.8	202#	0.00
79	T	2-Chlorotoluene	2.433	2.821	-15.9	205#	0.00
80	T	1,3,5-Trimethylbenzene	2.681	3.216	-20.0	202#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.462	-12.7	211#	0.00
82	T	4-Chlorotoluene	2.533	2.919	-15.2	203#	0.00
83	T	tert-Butylbenzene	2.239	2.719	-21.4	207#	0.00
84	T	1,2,4-Trimethylbenzene	2.738	3.303	-20.6	202#	0.00
85	T	sec-Butylbenzene	3.373	4.013	-19.0	207#	0.00
86	T	p-Isopropyltoluene	2.703	3.344	-23.7	206#	0.00
87	T	1,3-Dichlorobenzene	1.602	1.706	-6.5	189#	0.00
88	T	1,4-Dichlorobenzene	1.711	1.726	-0.9	187#	0.00
89	T	n-Butylbenzene	2.581	3.264	-26.5#	218#	0.00
90	T	Hexachloroethane	0.573	0.637	-11.2	204#	0.00
91	T	1,2-Dichlorobenzene	1.517	1.659	-9.4	194#	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.323	-3.9	197#	0.00
93	T	1,2,4-Trichlorobenzene	0.891	1.000	-12.2	196#	0.00
94	T	Hexachlorobutadiene	0.331	0.367	-10.9	205#	0.00
95	T	Naphthalene	3.158	3.685	-16.7	197#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.894	0.984	-10.1	197#	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	181	0.00
2	T	Dichlorodifluoromethane	50.000	60.142	-20.3	186	0.00
3	P	Chloromethane	50.000	48.969	2.1	172	0.00
4	C	Vinyl Chloride	50.000	55.200	-10.4#	182	0.00
5	T	Bromomethane	50.000	58.718	-17.4	205	0.00
6	T	Chloroethane	50.000	55.437	-10.9	197	0.00
7	T	Trichlorofluoromethane	50.000	52.885	-5.8	183	0.00
8	T	Diethyl Ether	50.000	59.207	-18.4	207	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.004	-10.0	191	0.01
10	T	Methyl Iodide	50.000	41.116	17.8	152	0.00
11	T	Tert butyl alcohol	250.000	284.532	-13.8	206	0.00
12	CM	1,1-Dichloroethene	50.000	50.168	-0.3#	190	0.00
13	T	Acrolein	250.000	305.520	-22.2	236	0.00
14	T	Allyl chloride	50.000	54.511	-9.0	203	0.00
15	T	Acrylonitrile	250.000	263.788	-5.5	184	0.00
16	T	Acetone	250.000	295.575	-18.2	220	0.00
17	T	Carbon Disulfide	50.000	50.431	-0.9	178	0.00
18	T	Methyl Acetate	50.000	57.561	-15.1	210	0.00
19	T	Methyl tert-butyl Ether	50.000	60.578	-21.2	213	0.00
20	T	Methylene Chloride	50.000	53.492	-7.0	193	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.275	-2.5	183	0.00
22	T	Diisopropyl ether	50.000	59.579	-19.2	204	0.00
23	T	Vinyl Acetate	250.000	314.517	-25.8#	204	0.00
24	P	1,1-Dichloroethane	50.000	54.436	-8.9	202	0.00
25	T	2-Butanone	250.000	272.759	-9.1	189	0.00
26	T	2,2-Dichloropropane	50.000	62.444	-24.9	224	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.638	-11.3	195	0.00
28	T	Bromochloromethane	50.000	52.182	-4.4	190	0.00
29	T	Tetrahydrofuran	250.000	274.208	-9.7	186	0.00
30	C	Chloroform	50.000	56.246	-12.5#	199	0.00
31	T	Cyclohexane	50.000	53.214	-6.4	192	0.00
32	T	1,1,1-Trichloroethane	50.000	54.638	-9.3	198	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.024	-6.0	203	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	196	0.00
35	S	Dibromofluoromethane	50.000	47.204	5.6	192	0.00
36	T	1,1-Dichloropropene	50.000	51.286	-2.6	188	0.00
37	T	Ethyl Acetate	50.000	51.229	-2.5	187	0.00
38	T	Carbon Tetrachloride	50.000	50.833	-1.7	194	0.00
39	T	Methylcyclohexane	50.000	53.058	-6.1	194	0.00
40	TM	Benzene	50.000	51.720	-3.4	193	0.00
41	T	Methacrylonitrile	50.000	57.033	-14.1	209	0.00
42	TM	1,2-Dichloroethane	50.000	53.165	-6.3	206	0.00
43	T	Isopropyl Acetate	50.000	54.554	-9.1	204	0.00
44	TM	Trichloroethene	50.000	48.652	2.7	187	0.00
45	C	1,2-Dichloropropane	50.000	51.577	-3.2#	192	0.00
46	T	Dibromomethane	50.000	51.124	-2.2	194	0.00
47	T	Bromodichloromethane	50.000	52.785	-5.6	206	0.00
48	T	Methyl methacrylate	50.000	58.304	-16.6	208	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	1048.916	-4.9	181	0.00
50	S	Toluene-d8	50.000	48.563	2.9	192	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.494	-5.4	194	0.00
52	CM	Toluene	50.000	52.597	-5.2#	192	0.00
53	T	t-1,3-Dichloropropene	50.000	57.395	-14.8	207	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.857	-11.7	205	0.00
55	T	1,1,2-Trichloroethane	50.000	51.637	-3.3	200	0.00
56	T	Ethyl methacrylate	50.000	53.919	-7.8	206	0.00
57	T	1,3-Dichloropropane	50.000	52.696	-5.4	198	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	292.701	-17.1	198	0.00
59	T	2-Hexanone	250.000	276.651	-10.7	188	0.00
60	T	Dibromochloromethane	50.000	52.733	-5.5	199	0.00
61	T	1,2-Dibromoethane	50.000	51.372	-2.7	200	0.00
62	S	4-Bromofluorobenzene	50.000	50.882	-1.8	200	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	196	0.00
64	T	Tetrachloroethene	50.000	45.208	9.6	178	0.00
65	PM	Chlorobenzene	50.000	49.908	0.2	196	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.042	-4.1	198	0.00
67	C	Ethyl Benzene	50.000	54.212	-8.4#	202	0.00
68	T	m/p-Xylenes	100.000	107.076	-7.1	191	0.00
69	T	o-Xylene	50.000	55.254	-10.5	198	0.00
70	T	Styrene	50.000	57.114	-14.2	198	0.00
71	P	Bromoform	50.000	51.560	-3.1	189	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	184	0.00
73	T	Isopropylbenzene	50.000	60.019	-20.0	205	0.00
74	T	N-amyl acetate	50.000	50.138	-0.3	212	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.735	-7.5	194	0.00
76	T	1,2,3-Trichloropropane	50.000	49.529	0.9	172	0.00
77	T	Bromobenzene	50.000	54.217	-8.4	188	0.00
78	T	n-propylbenzene	50.000	59.409	-18.8	202	0.00
79	T	2-Chlorotoluene	50.000	57.976	-16.0	205	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.964	-19.9	202	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.350	-12.7	211	0.00
82	T	4-Chlorotoluene	50.000	57.610	-15.2	203	0.00
83	T	tert-Butylbenzene	50.000	60.719	-21.4	207	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.315	-20.6	202	0.00
85	T	sec-Butylbenzene	50.000	59.490	-19.0	207	0.00
86	T	p-Isopropyltoluene	50.000	61.853	-23.7	206	0.00
87	T	1,3-Dichlorobenzene	50.000	53.246	-6.5	189	0.00
88	T	1,4-Dichlorobenzene	50.000	50.459	-0.9	187	0.00
89	T	n-Butylbenzene	50.000	63.231	-26.5#	218	0.00
90	T	Hexachloroethane	50.000	55.635	-11.3	204	0.00
91	T	1,2-Dichlorobenzene	50.000	54.667	-9.3	194	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.978	-4.0	197	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.077	-12.2	196	0.00
94	T	Hexachlorobutadiene	50.000	55.415	-10.8	205	0.00
95	T	Naphthalene	50.000	58.344	-16.7	197	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087502.D
Acq On : 12 Aug 2025 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 13 02:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	55.049	-10.1	197	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: DAYE01
Lab Code: ACE
SDG No.: Q2816
Instrument ID: MSVOA_N
Calibration Date/Time: 08/13/2025 10:57
Lab File ID: VN087525.D
Init. Calib. Date(s): 07/16/2025 07/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 17:05 18:54
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.531	0.658		23.92	20
Chloromethane	0.668	0.624	0.1	-6.59	20
Vinyl Chloride	0.664	0.717		7.98	20
Bromomethane	0.344	0.393		14.24	20
Chloroethane	0.433	0.469		8.31	20
Trichlorofluoromethane	0.981	1.056		7.64	20
1,1,2-Trichlorotrifluoroethane	0.504	0.582		15.48	20
1,1-Dichloroethene	0.571	0.567		-0.7	20
Acetone	0.398	0.442		11.06	20
Carbon Disulfide	1.693	1.611		-4.84	20
Methyl tert-butyl Ether	2.104	2.478		17.78	20
Methyl Acetate	0.999	1.175		17.62	20
Methylene Chloride	0.766	0.697		-9.01	20
trans-1,2-Dichloroethene	0.644	0.640		-0.62	20
1,1-Dichloroethane	1.250	1.290	0.1	3.2	20
Cyclohexane	1.043	1.135		8.82	20
2-Butanone	0.615	0.665		8.13	20
Carbon Tetrachloride	0.502	0.519		3.39	20
cis-1,2-Dichloroethene	0.741	0.798		7.69	20
Bromochloromethane	0.598	0.631		5.52	20
Chloroform	1.251	1.367		9.27	20
1,1,1-Trichloroethane	1.084	1.177		8.58	20
Methylcyclohexane	0.493	0.590		19.67	20
Benzene	1.473	1.499		1.76	20
1,2-Dichloroethane	0.558	0.597		6.99	20
Trichloroethene	0.348	0.342		-1.72	20
1,2-Dichloropropane	0.374	0.384		2.67	20
Bromodichloromethane	0.564	0.602		6.74	20
4-Methyl-2-Pentanone	0.646	0.703		8.82	20
Toluene	0.895	0.934		4.36	20
t-1,3-Dichloropropene	0.571	0.649		13.66	20
cis-1,3-Dichloropropene	0.590	0.658		11.52	20
1,1,2-Trichloroethane	0.362	0.378		4.42	20
2-Hexanone	0.429	0.483		12.59	20
Dibromochloromethane	0.413	0.441		6.78	20
1,2-Dibromoethane	0.381	0.403		5.77	20
Tetrachloroethene	0.322	0.306		-4.97	20
Chlorobenzene	1.123	1.142	0.3	1.69	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:	DAYE01
Lab Code:	ACE	SDG No.:	Q2816
Instrument ID:	MSVOA_N	Calibration Date/Time:	08/13/2025 10:57
Lab File ID:	VN087525.D	Init. Calib. Date(s):	07/16/2025 07/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	17:05 18:54

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.848	2.026		9.63	20
m/p-Xylenes	0.692	0.755		9.1	20
o-Xylene	0.661	0.736		11.35	20
Styrene	1.112	1.278		14.93	20
Bromoform	0.308	0.318	0.1	3.25	20
Isopropylbenzene	3.147	3.734		18.65	20
1,1,2,2-Tetrachloroethane	1.184	1.291	0.3	9.04	20
1,3-Dichlorobenzene	1.602	1.685		5.18	20
1,4-Dichlorobenzene	1.711	1.706		-0.29	20
1,2-Dichlorobenzene	1.517	1.645		8.44	20
1,2-Dibromo-3-Chloropropane	0.311	0.312		0.32	20
1,2,4-Trichlorobenzene	0.891	1.001		12.35	20
1,2,3-Trichlorobenzene	0.894	0.937		4.81	20
1,2-Dichloroethane-d4	0.848	0.898		5.9	20
Dibromofluoromethane	0.345	0.337		-2.32	20
Toluene-d8	1.230	1.204		-2.11	20
4-Bromofluorobenzene	0.455	0.470		3.3	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\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	297883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	560249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	506486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	261423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	267380	52.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.147	113	189080	48.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.860%			
50) Toluene-d8	10.547	98	674538	48.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.829	95	263490	51.735	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	195888	61.914	ug/l	97
3) Chloromethane	2.383	50	185962	46.740	ug/l	98
4) Vinyl Chloride	2.542	62	213602	54.022	ug/l	92
5) Bromomethane	2.971	94	117088	57.184	ug/l	92
6) Chloroethane	3.136	64	139750	54.196	ug/l	98
7) Trichlorofluoromethane	3.506	101	314439	53.781	ug/l	96
8) Diethyl Ether	3.965	74	136962	60.389	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	173237	57.720	ug/l	98
10) Methyl Iodide	4.583	142	122401	40.808	ug/l	92
11) Tert butyl alcohol	5.524	59	274825	286.357	ug/l	99
12) 1,1-Dichloroethene	4.330	96	168930	49.669	ug/l	99
13) Acrolein	4.183	56	215817	280.207	ug/l	98
14) Allyl chloride	5.012	41	324998	52.801	ug/l	93
15) Acrylonitrile	5.706	53	673928	258.773	ug/l	97
16) Acetone	4.424	43	657929	277.621	ug/l	99
17) Carbon Disulfide	4.700	76	479745	47.578	ug/l	97
18) Methyl Acetate	5.018	43	349876	58.763	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	738183	58.885	ug/l	97
20) Methylene Chloride	5.265	84	207585	51.839	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	190605	49.703	ug/l	92
22) Diisopropyl ether	6.659	45	754528	58.441	ug/l	96
23) Vinyl Acetate	6.588	43	3464754	306.836	ug/l	100
24) 1,1-Dichloroethane	6.553	63	384250	51.586	ug/l	99
25) 2-Butanone	7.471	43	990545	270.516	ug/l	99
26) 2,2-Dichloropropane	7.477	77	347122	59.940	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	237567	53.808	ug/l	94
28) Bromochloromethane	7.800	49	188052	52.751	ug/l	94
29) Tetrahydrofuran	7.830	42	650285	273.374	ug/l	99
30) Chloroform	7.953	83	407119	54.606	ug/l	99
31) Cyclohexane	8.241	56	338060	54.405	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	350752	54.317	ug/l	98
36) 1,1-Dichloropropene	8.353	75	269096	52.704	ug/l	98
37) Ethyl Acetate	7.553	43	382507	51.872	ug/l	97
38) Carbon Tetrachloride	8.347	117	290669	51.679	ug/l	93
39) Methylcyclohexane	9.582	83	330567	59.801	ug/l	97
40) Benzene	8.588	78	839732	50.887	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	217375	56.377	ug/l		98
42) 1,2-Dichloroethane	8.653	62	334446	53.444	ug/l		97
43) Isopropyl Acetate	8.677	43	642790	56.154	ug/l		98
44) Trichloroethene	9.335	130	191822	49.195	ug/l		88
45) 1,2-Dichloropropane	9.606	63	215179	51.319	ug/l		95
46) Dibromomethane	9.694	93	163459	52.067	ug/l		96
47) Bromodichloromethane	9.871	83	337184	53.322	ug/l		100
48) Methyl methacrylate	9.665	41	313471	60.829	ug/l		92
49) 1,4-Dioxane	9.682	88	86769	1099.339	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	1970484	272.168	ug/l		98
52) Toluene	10.612	92	523201	52.162	ug/l		95
53) t-1,3-Dichloropropene	10.818	75	363863	56.856	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	368848	55.797	ug/l	#	89
55) 1,1,2-Trichloroethane	11.000	97	212009	52.209	ug/l		95
56) Ethyl methacrylate	10.859	69	371269	54.181	ug/l	#	93
57) 1,3-Dichloropropane	11.147	76	369791	52.670	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	1026550	308.170	ug/l		99
59) 2-Hexanone	11.176	43	1351630	281.390	ug/l		98
60) Dibromochloromethane	11.341	129	246950	53.325	ug/l		97
61) 1,2-Dibromoethane	11.453	107	225893	52.906	ug/l		97
64) Tetrachloroethene	11.082	164	155159	47.598	ug/l		95
65) Chlorobenzene	11.870	112	578310	50.858	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.941	131	201612	52.143	ug/l		98
67) Ethyl Benzene	11.947	91	1026282	54.824	ug/l		99
68) m/p-Xylenes	12.053	106	764924	109.123	ug/l		93
69) o-Xylene	12.376	106	372969	55.701	ug/l		93
70) Styrene	12.394	104	647435	57.479	ug/l		98
71) Bromoform	12.559	173	161255	51.623	ug/l	#	100
73) Isopropylbenzene	12.676	105	976275	59.336	ug/l		98
74) N-amyl acetate	12.506	43	317125	46.390	ug/l	#	81
75) 1,1,2,2-Tetrachloroethane	12.917	83	337465	54.508	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	286863m	48.934	ug/l		
77) Bromobenzene	12.959	156	227618	53.342	ug/l		94
78) n-propylbenzene	13.017	91	1231036	59.467	ug/l		97
79) 2-Chlorotoluene	13.106	91	725577	57.031	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	838061	59.782	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.717	75	110240	51.454	ug/l		91
82) 4-Chlorotoluene	13.200	91	748122	56.480	ug/l		97
83) tert-Butylbenzene	13.417	119	715212	61.085	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	860772	60.126	ug/l		94
85) sec-Butylbenzene	13.594	105	1066866	60.493	ug/l		99
86) p-Isopropyltoluene	13.706	119	877004	62.051	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	440423	52.590	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	445992	49.863	ug/l		96
89) n-Butylbenzene	14.035	91	885464	65.611	ug/l		99
90) Hexachloroethane	14.311	117	167399	55.901	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	429970	54.195	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	81622	50.215	ug/l		99
93) 1,2,4-Trichlorobenzene	15.370	180	261731	56.161	ug/l		98
94) Hexachlorobutadiene	15.476	225	99026	57.185	ug/l		99
95) Naphthalene	15.617	128	964411	58.414	ug/l		100
96) 1,2,3-Trichlorobenzene	15.817	180	245014	52.411	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

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

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

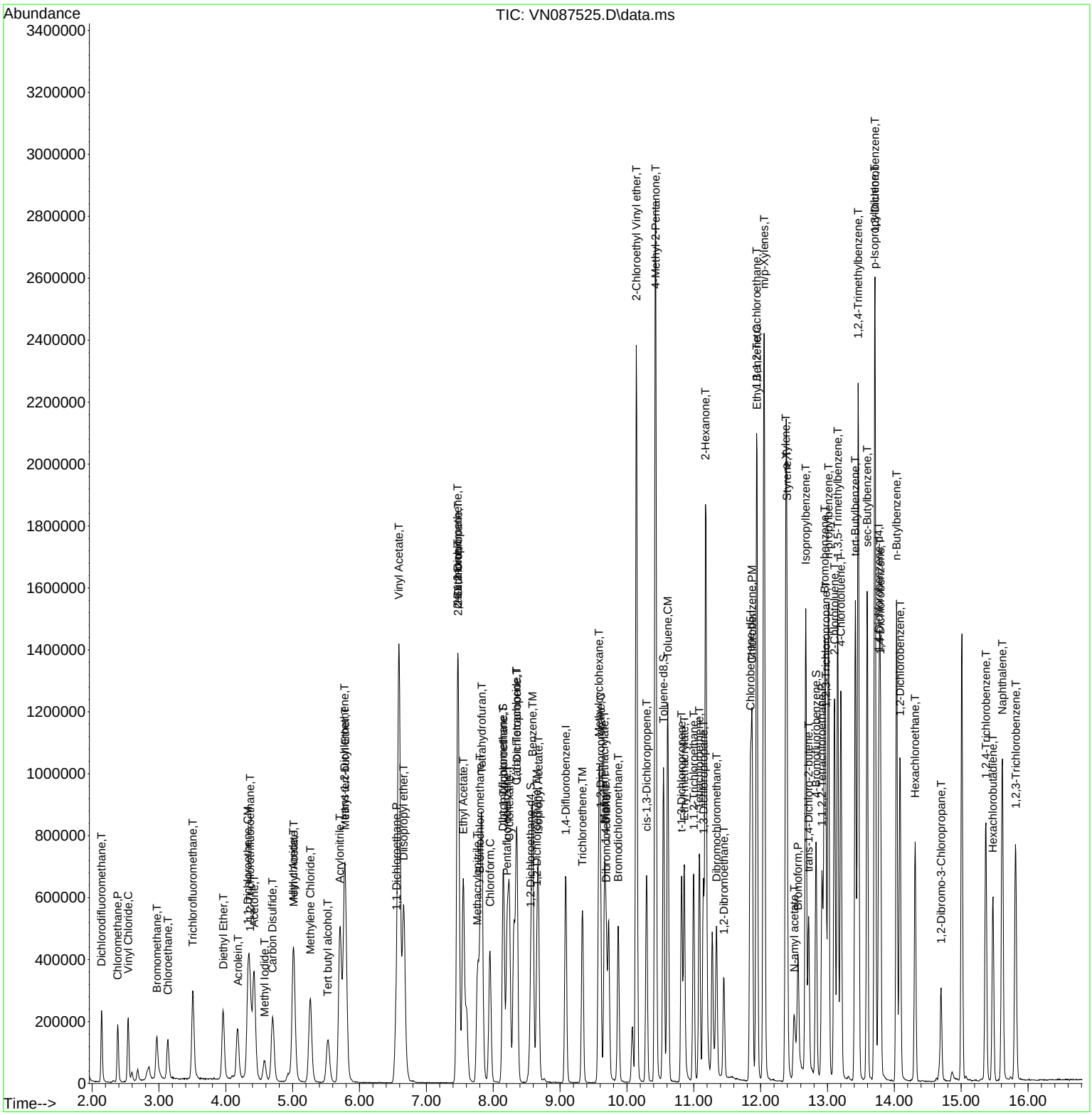
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Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

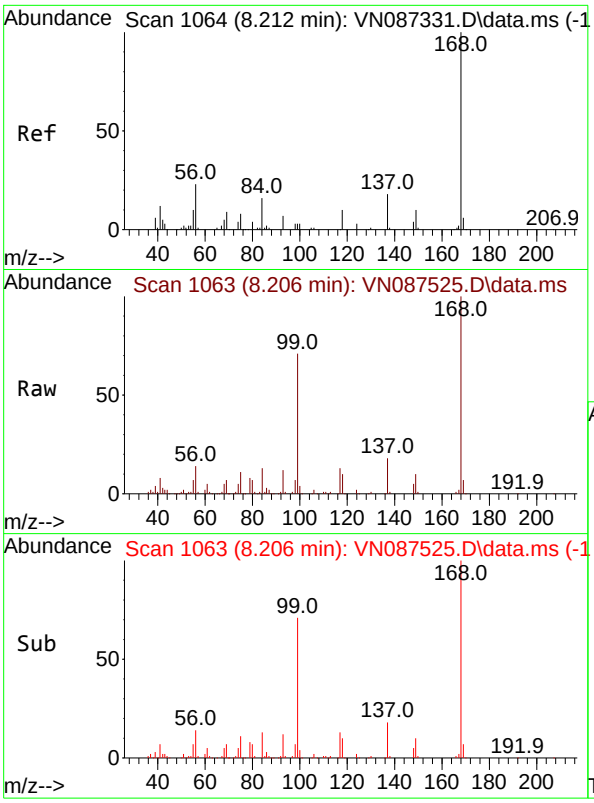
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
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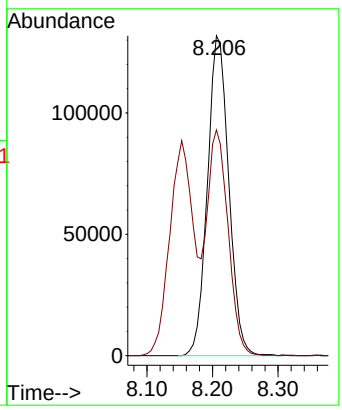




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:168 Resp: 29788

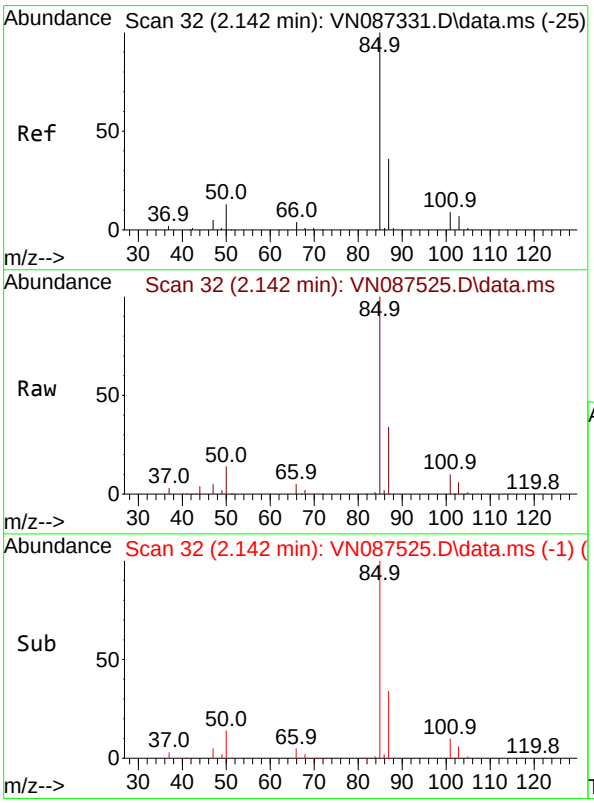
Ion	Ratio	Lower	Upper
168	100		
99	70.6	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

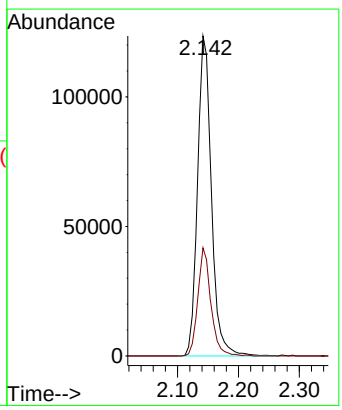
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

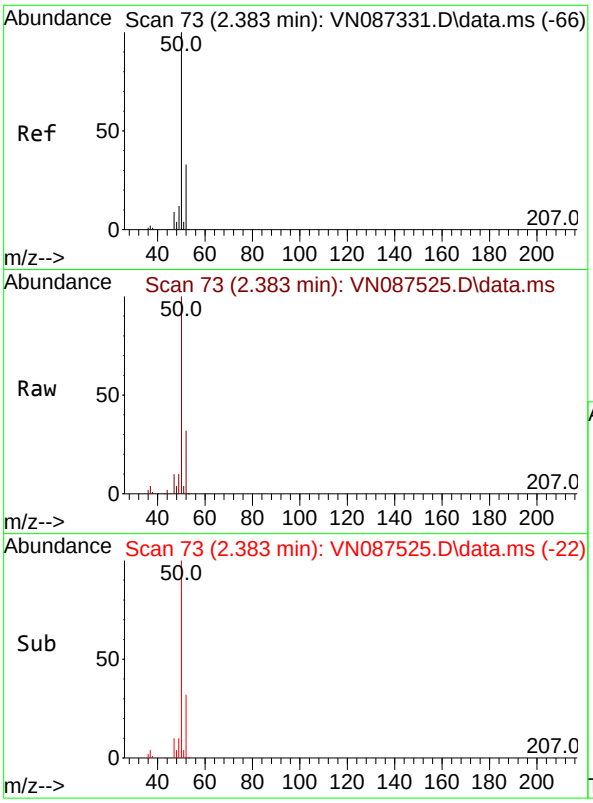


#2
Dichlorodifluoromethane
Concen: 61.914 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 85 Resp: 195888

Ion	Ratio	Lower	Upper
85	100		
87	33.8	17.8	53.3

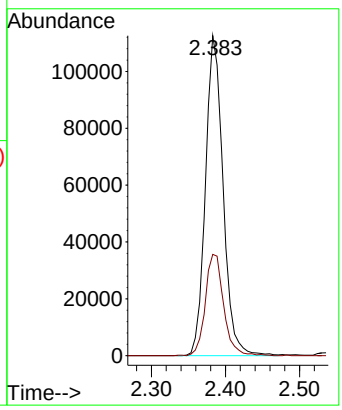




#3
Chloromethane
Concen: 46.740 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 50 Resp: 18596

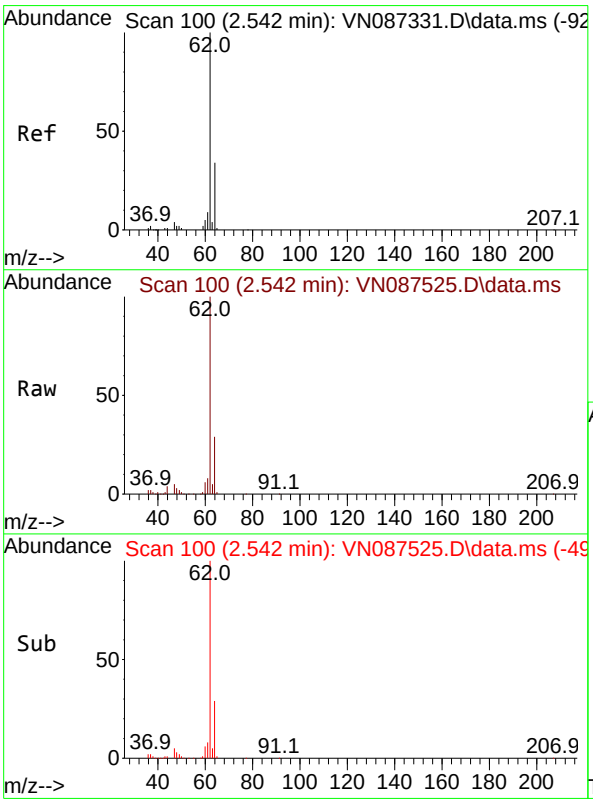
Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

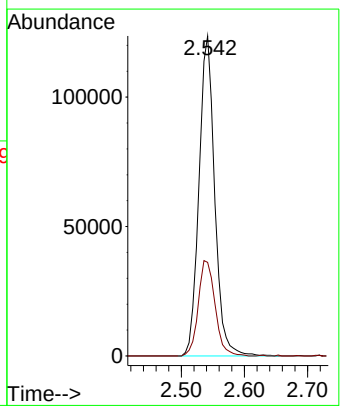
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

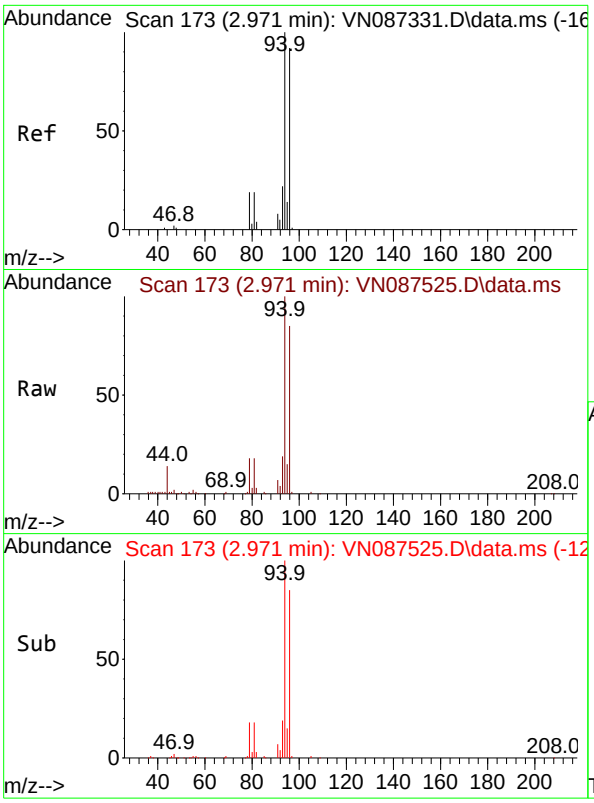


#4
Vinyl Chloride
Concen: 54.022 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 62 Resp: 213602

Ion	Ratio	Lower	Upper
62	100		
64	29.2	27.0	40.6

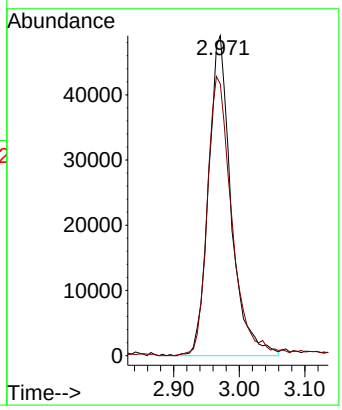




#5
Bromomethane
Concen: 57.184 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 94 Resp: 11708

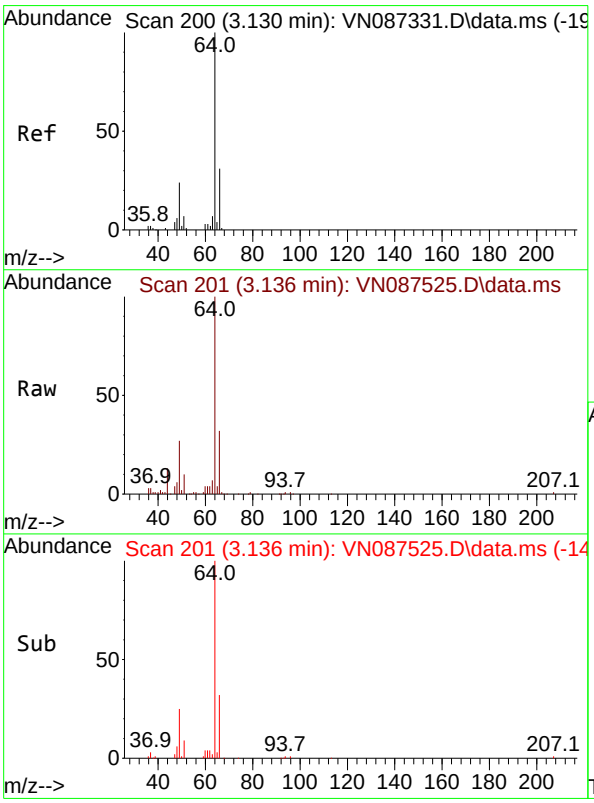
Ion	Ratio	Lower	Upper
94	100		
96	84.6	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

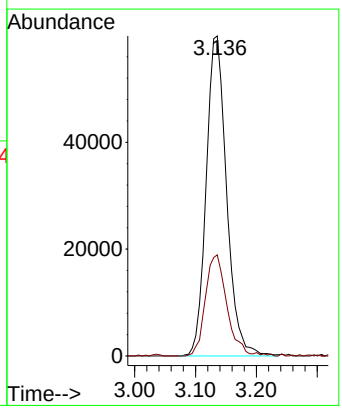
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

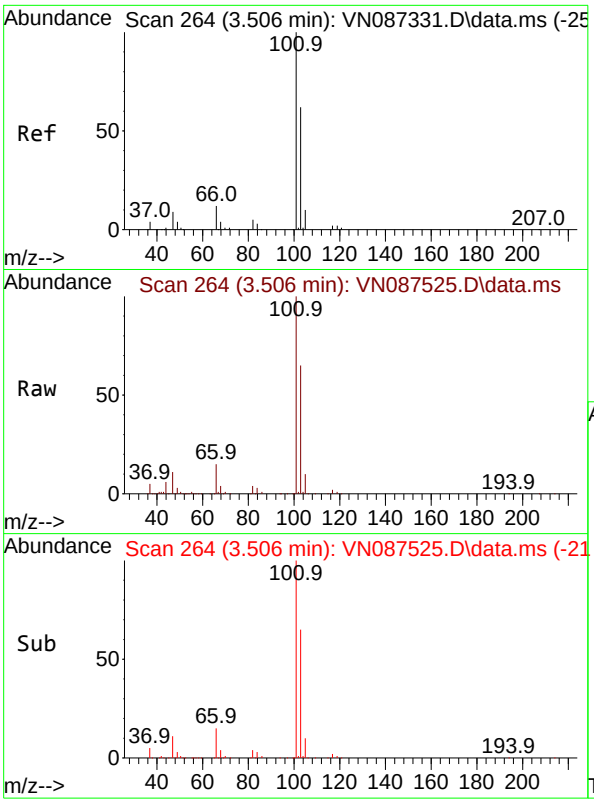


#6
Chloroethane
Concen: 54.196 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 64 Resp: 139750

Ion	Ratio	Lower	Upper
64	100		
66	31.6	24.6	36.8

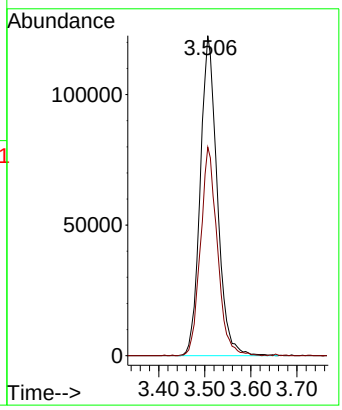




#7
Trichlorofluoromethane
Concen: 53.781 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:101 Resp: 31443

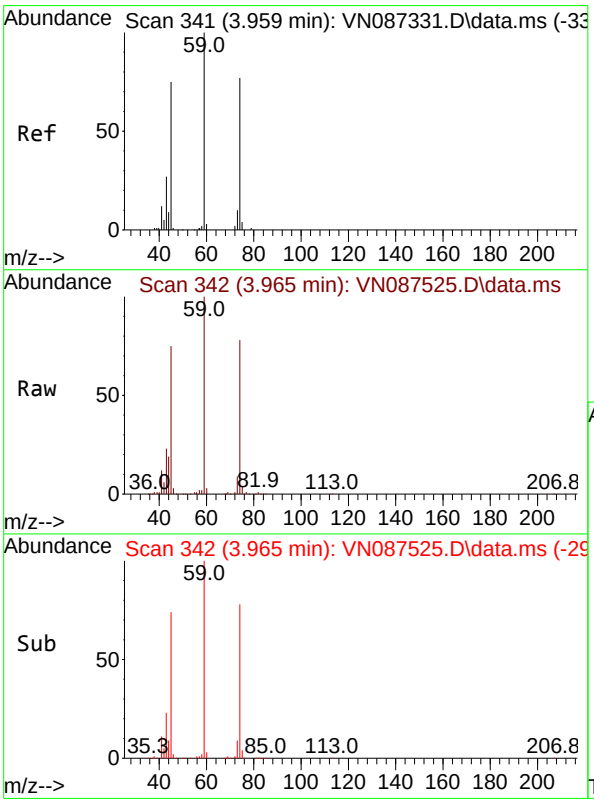
Ion	Ratio	Lower	Upper
101	100		
103	65.2	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

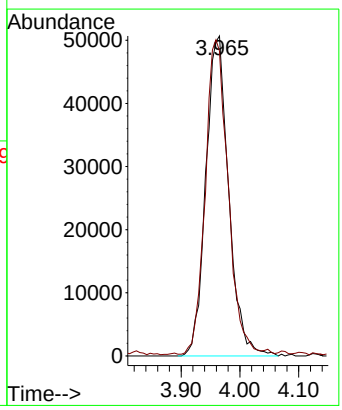
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

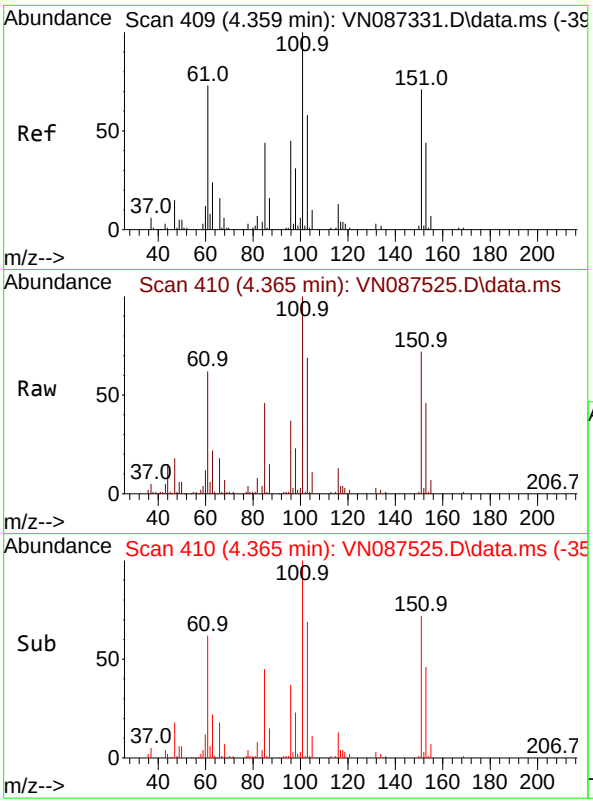


#8
Diethyl Ether
Concen: 60.389 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 74 Resp: 136962

Ion	Ratio	Lower	Upper
74	100		
45	98.2	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.720 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

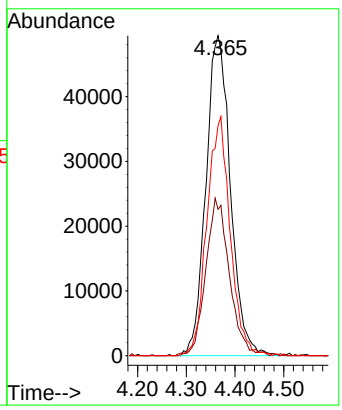
Tgt Ion:101 Resp: 17323

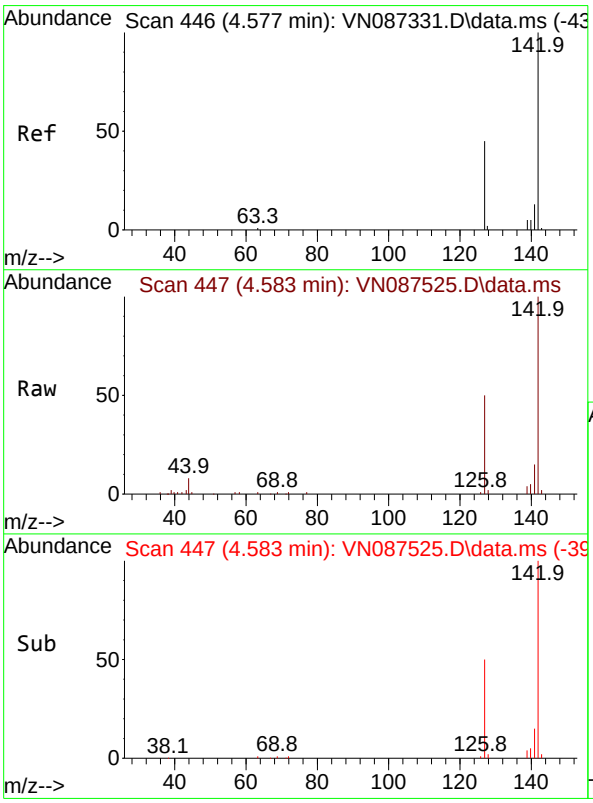
Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.3	55.9
151	70.7	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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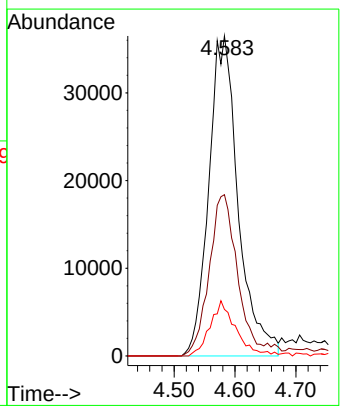


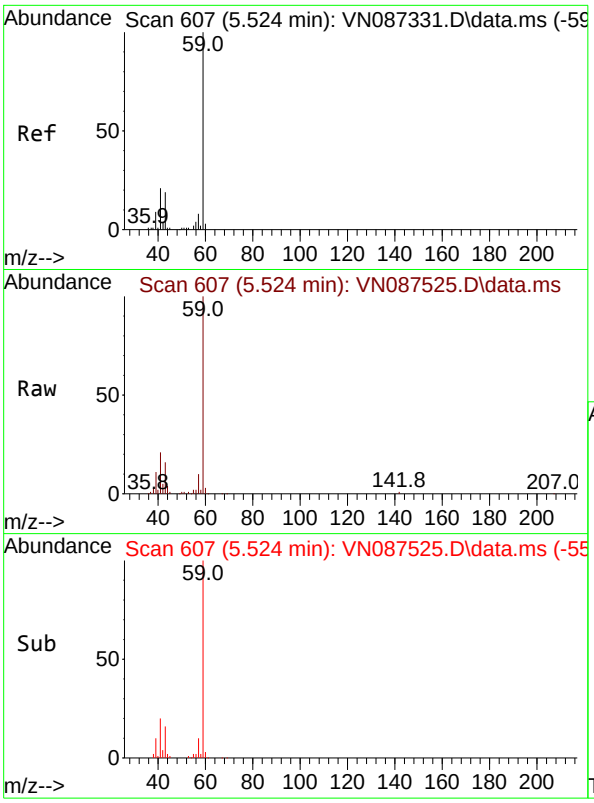


#10
Methyl Iodide
Concen: 40.808 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:142 Resp: 122401

Ion	Ratio	Lower	Upper
142	100		
127	50.4	35.7	53.5
141	14.6	10.4	15.6

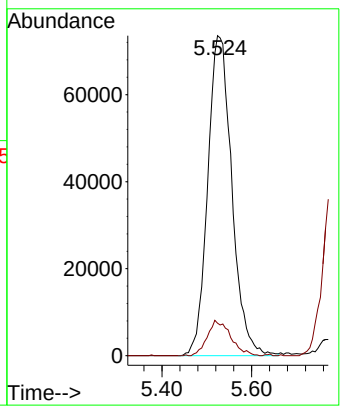




#11
Tert butyl alcohol
Concen: 286.357 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 59 Resp: 27482

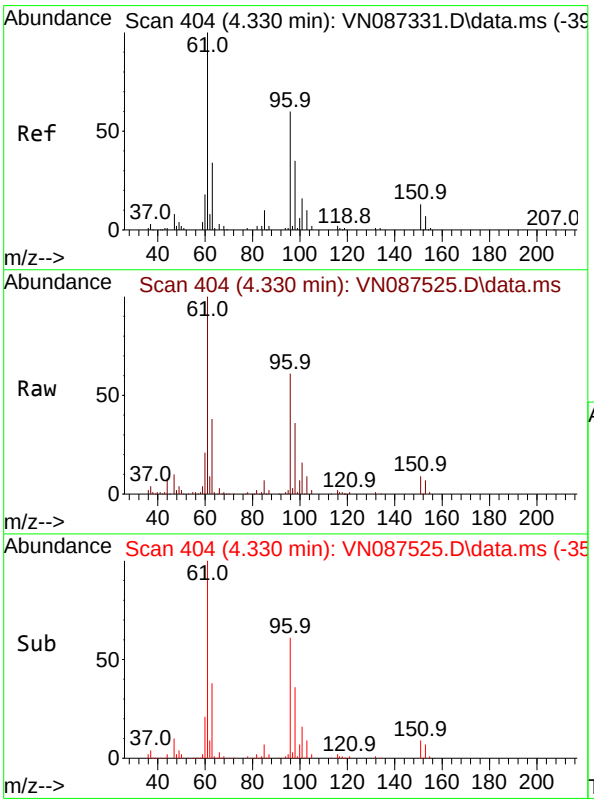
Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

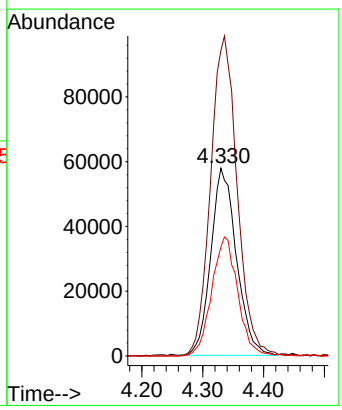
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

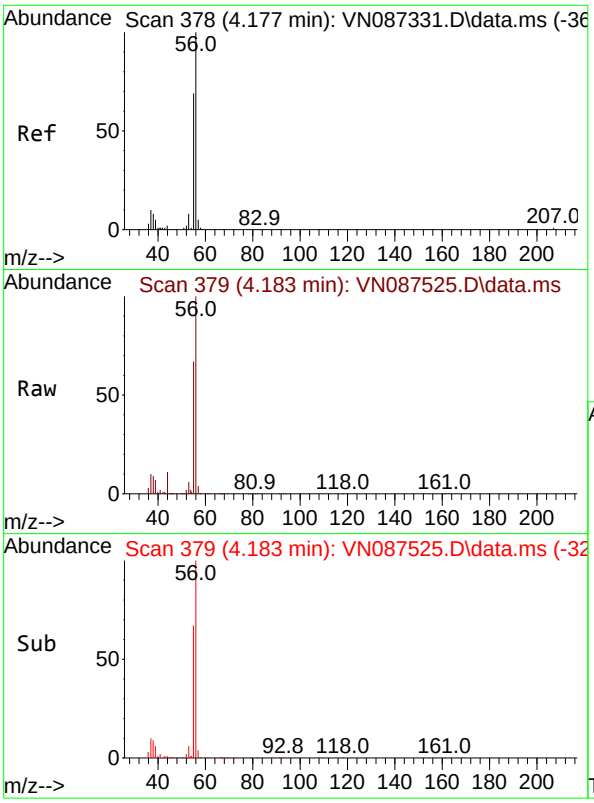


#12
1,1-Dichloroethene
Concen: 49.669 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 96 Resp: 168930

Ion	Ratio	Lower	Upper
96	100		
61	163.3	132.3	198.5
98	58.3	46.8	70.2

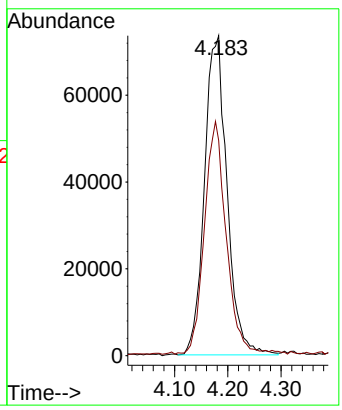




#13
Acrolein
Concen: 280.207 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 56 Resp: 21581

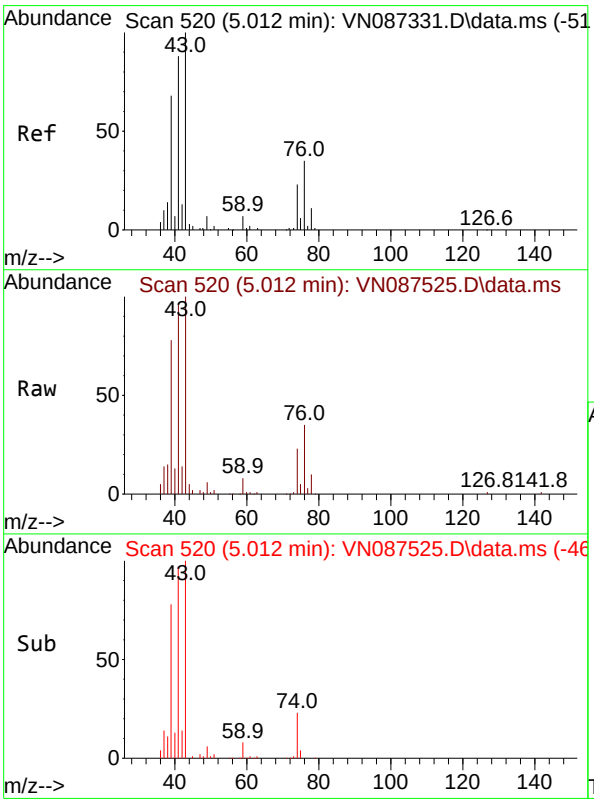
Ion	Ratio	Lower	Upper
56	100		
55	69.0	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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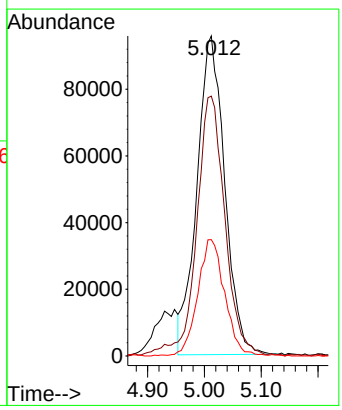
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

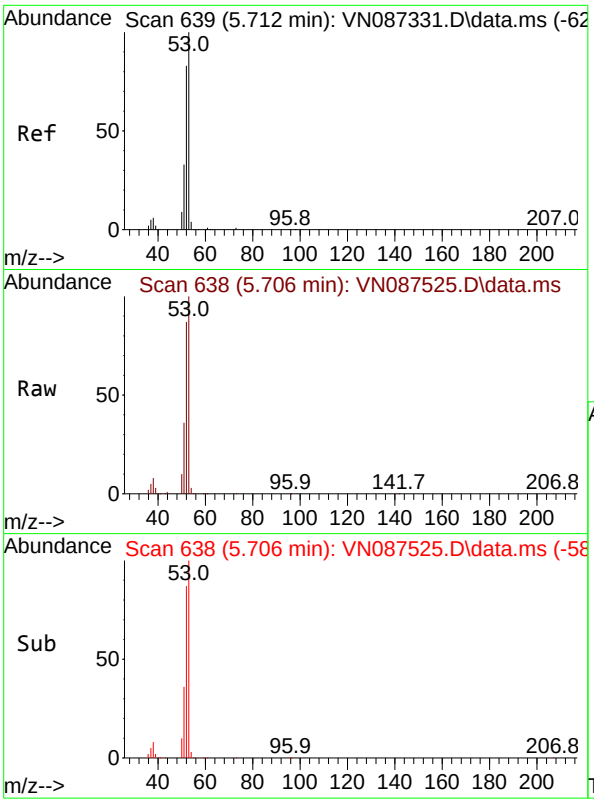


#14
Allyl chloride
Concen: 52.801 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 41 Resp: 324998

Ion	Ratio	Lower	Upper
41	100		
39	81.8	59.0	88.6
76	35.5	28.7	43.1

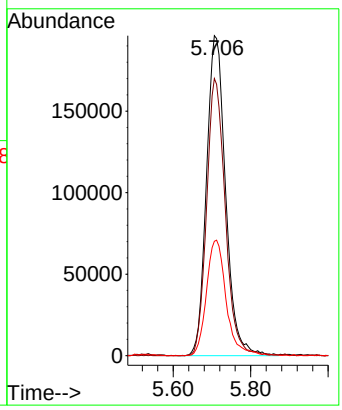




#15
Acrylonitrile
Concen: 258.773 ug/l
RT: 5.706 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 53 Resp: 67392

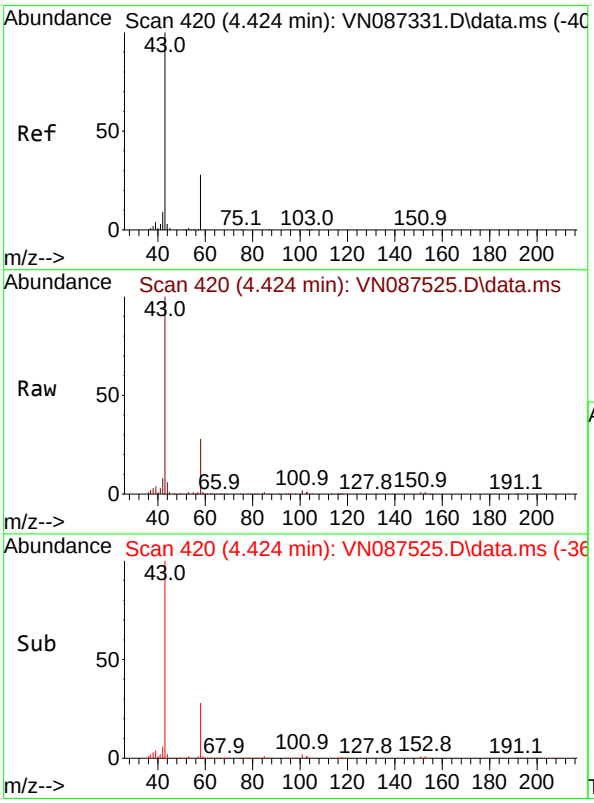
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.5	98.3
51	37.4	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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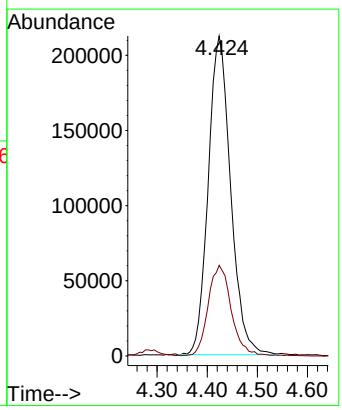
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

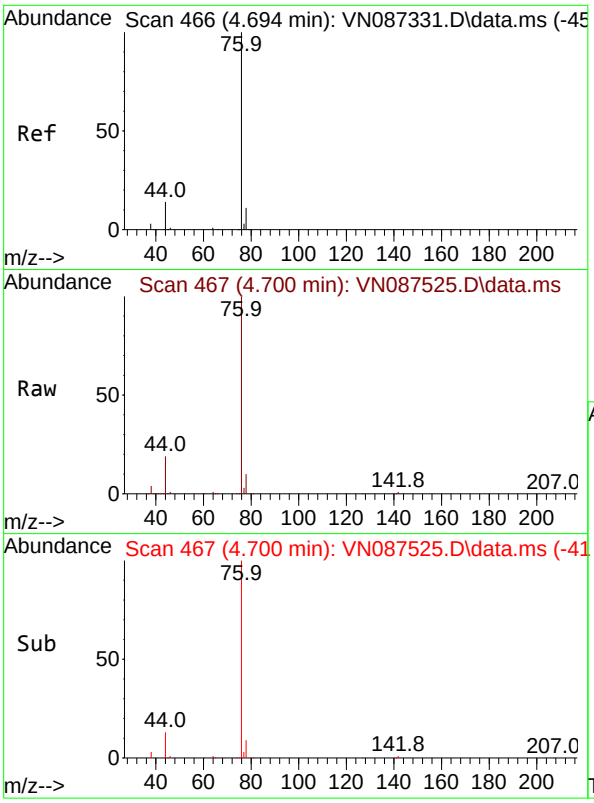


#16
Acetone
Concen: 277.621 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 657929

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.3	33.5

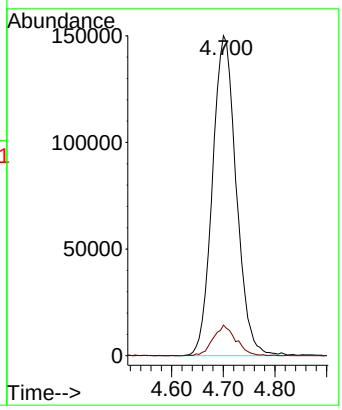




#17
Carbon Disulfide
Concen: 47.578 ug/l
RT: 4.700 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 76 Resp: 47974

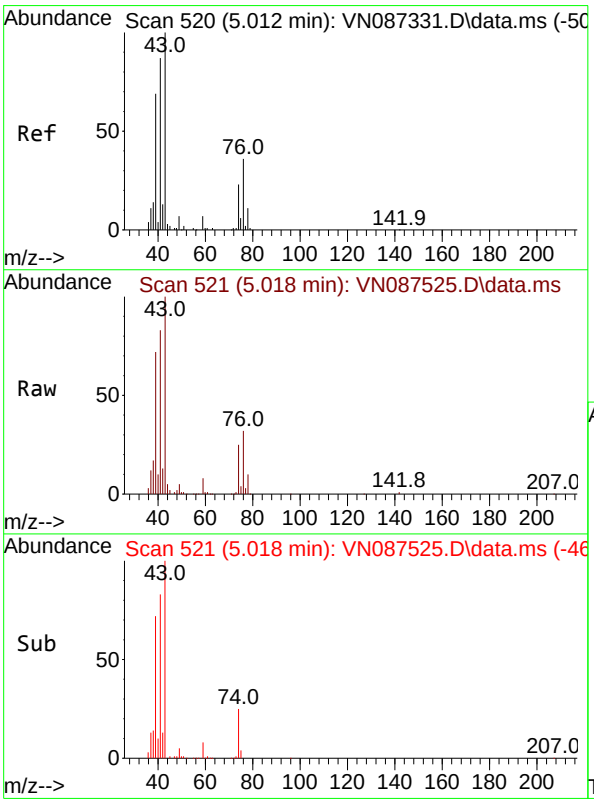
Ion	Ratio	Lower	Upper
76	100		
78	9.5	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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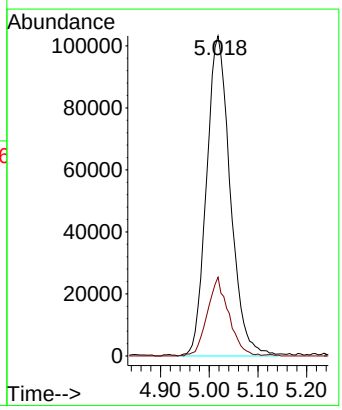
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

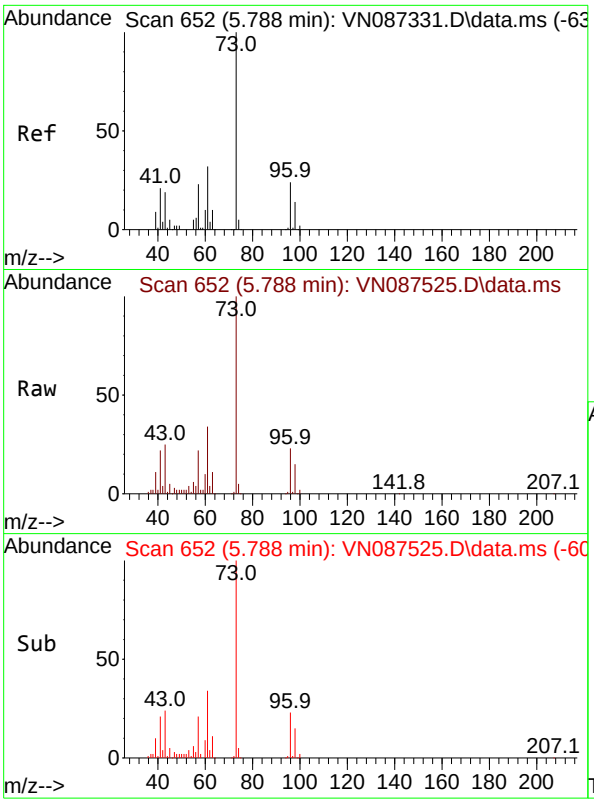


#18
Methyl Acetate
Concen: 58.763 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 349876

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.8	26.6

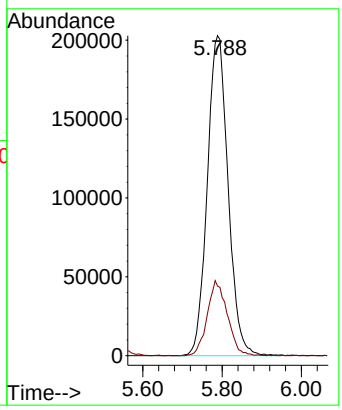




#19
Methyl tert-butyl Ether
Concen: 58.885 ug/l
RT: 5.788 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 73 Resp: 73818

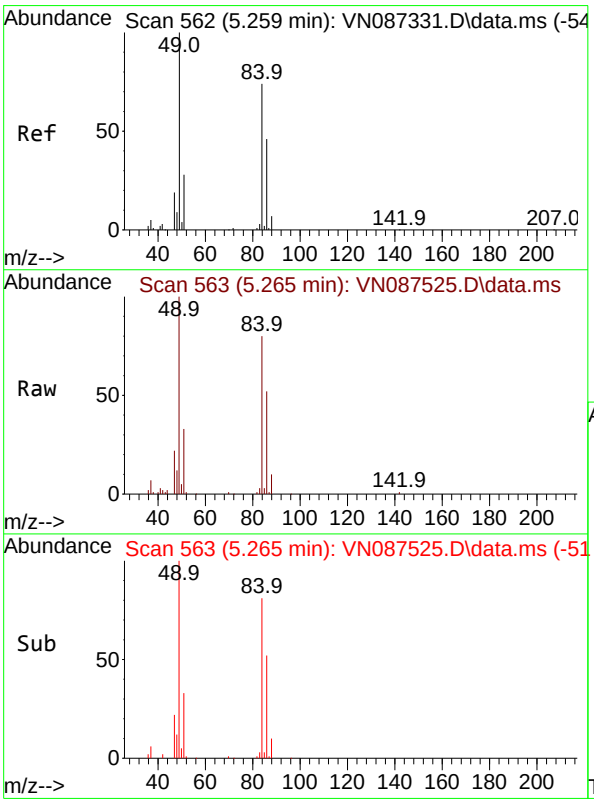
Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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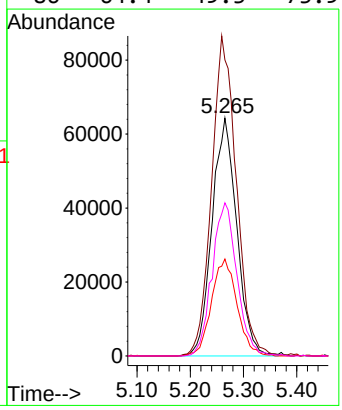
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

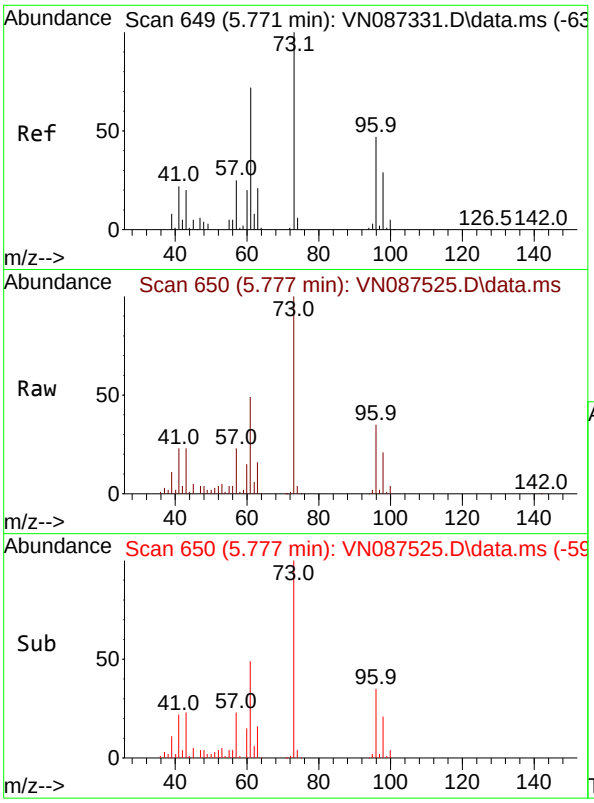


#20
Methylene Chloride
Concen: 51.839 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 84 Resp: 207585

Ion	Ratio	Lower	Upper
84	100		
49	124.5	107.5	161.3
51	40.8	30.2	45.2
86	64.4	49.3	73.9





#21
trans-1,2-Dichloroethene
Concen: 49.703 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

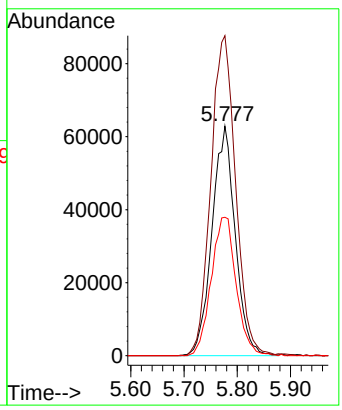
Tgt Ion: 96 Resp: 19060

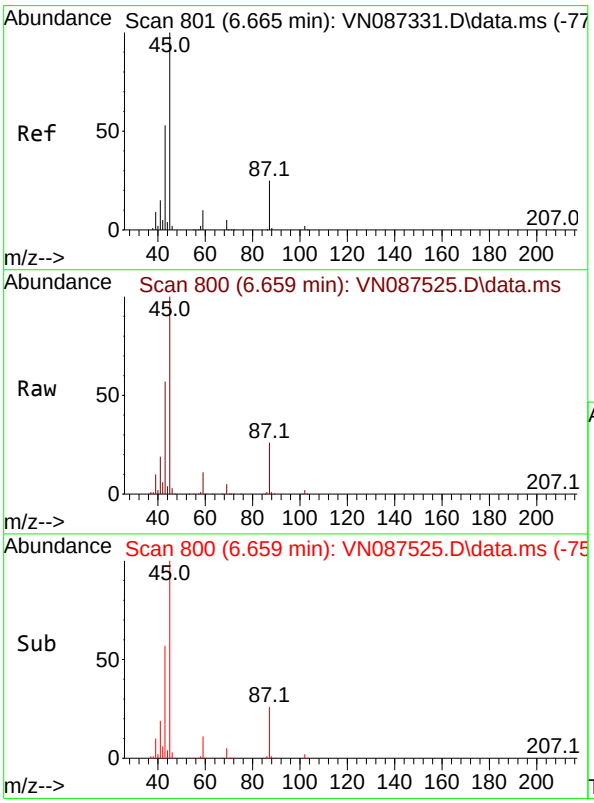
Ion	Ratio	Lower	Upper
96	100		
61	139.5	122.0	183.0
98	60.3	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

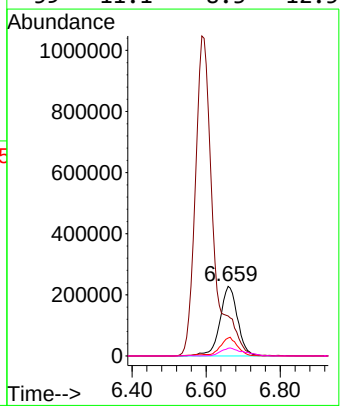


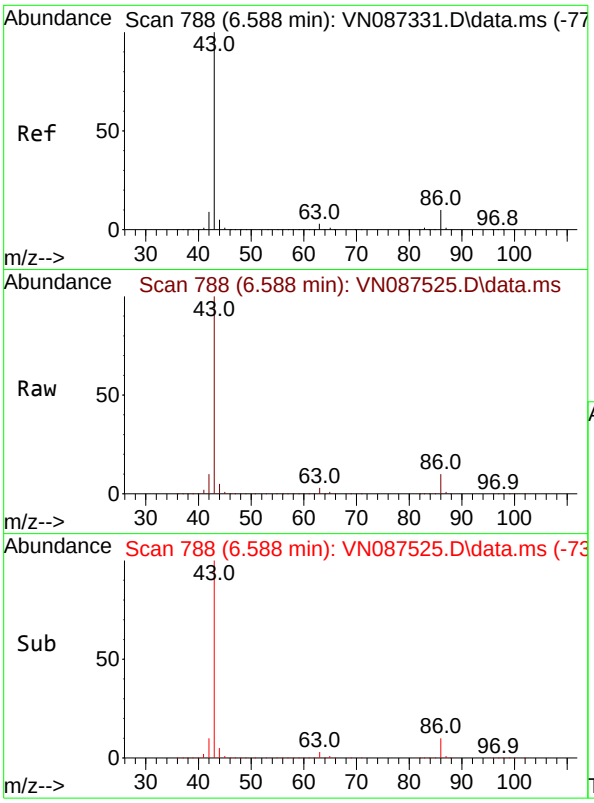


#22
Diisopropyl ether
Concen: 58.441 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 45 Resp: 754528

Ion	Ratio	Lower	Upper
45	100		
43	57.0	42.8	64.2
87	25.7	19.8	29.6
59	11.1	8.3	12.5

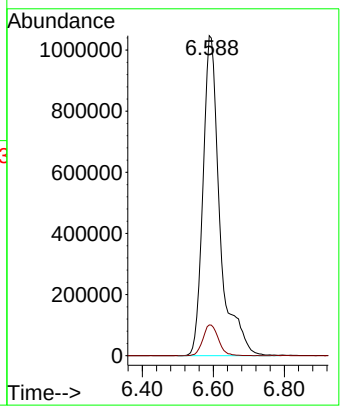




#23
Vinyl Acetate
Concen: 306.836 ug/l
RT: 6.588 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 346475

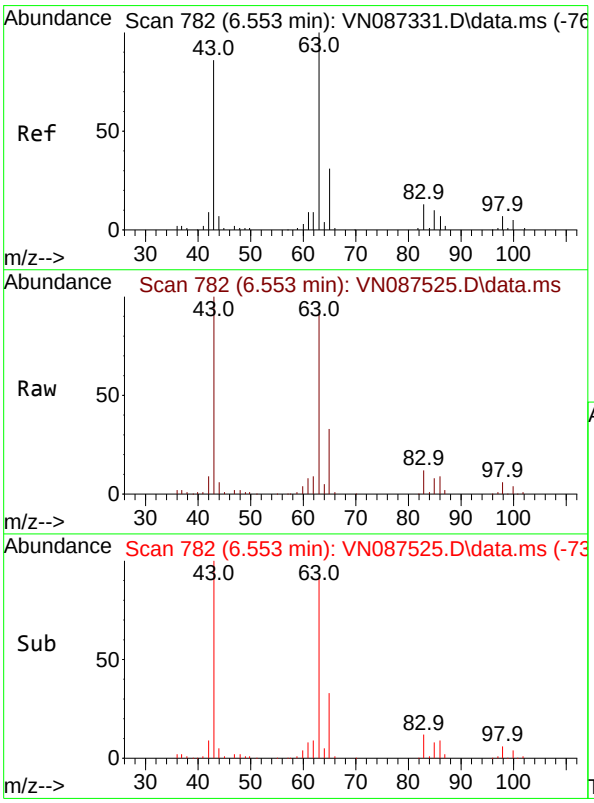
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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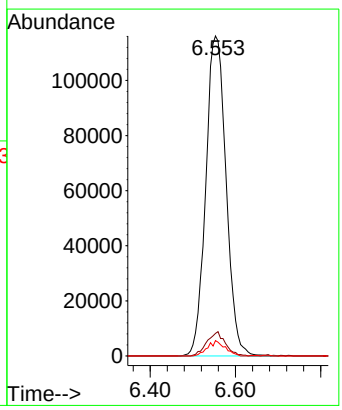
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

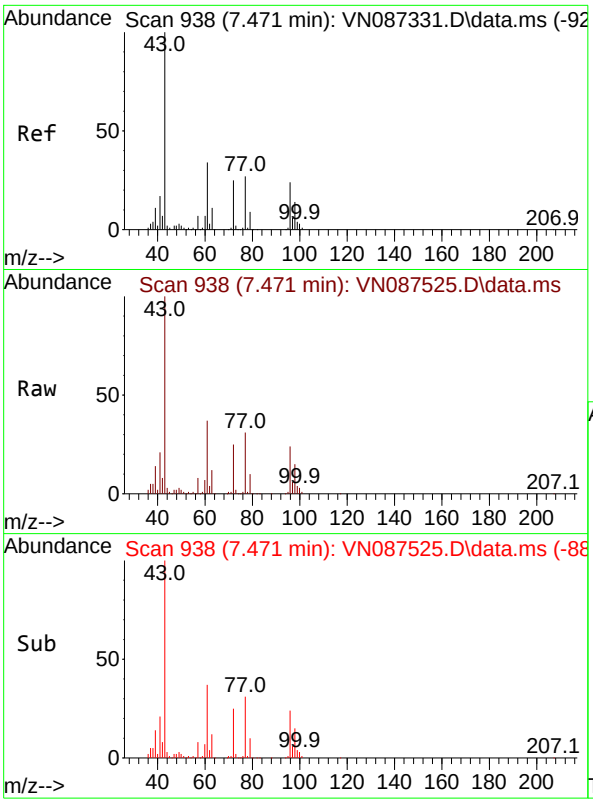


#24
1,1-Dichloroethane
Concen: 51.586 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 63 Resp: 384250

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.8	2.5	7.4





#25
2-Butanone
Concen: 270.516 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

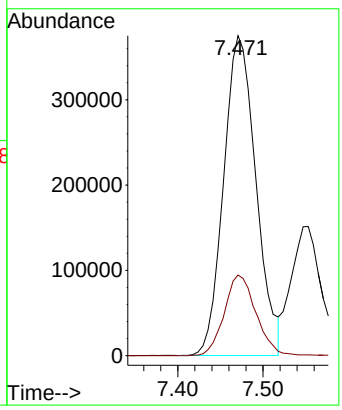
Tgt Ion: 43 Resp: 99054

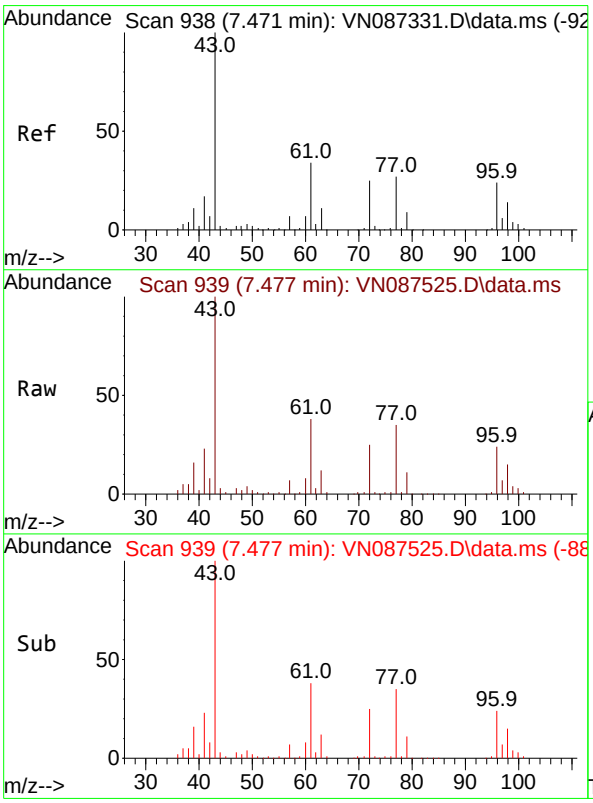
Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.6	29.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

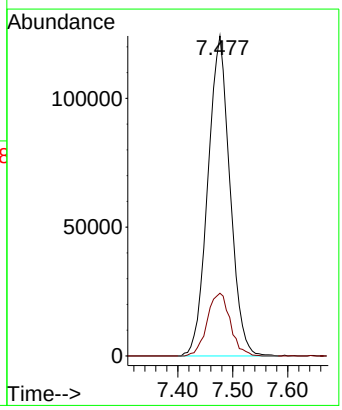


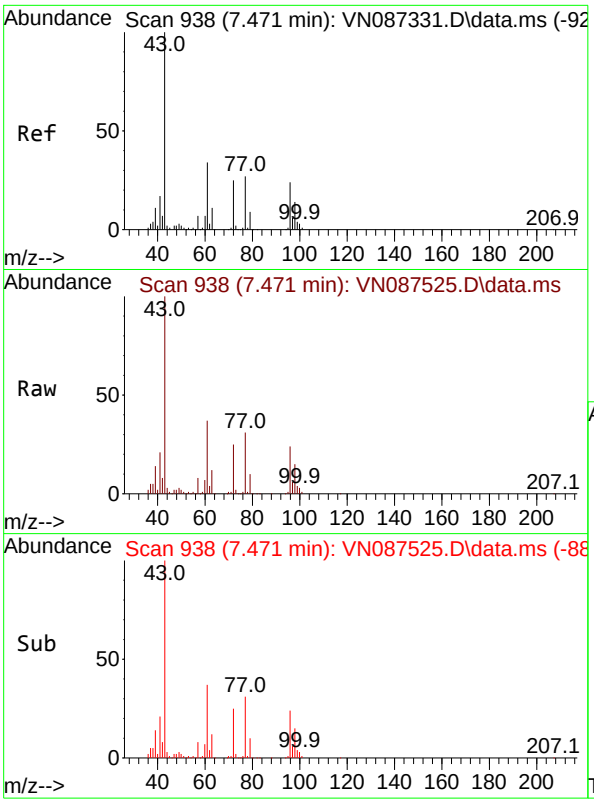


#26
2,2-Dichloropropane
Concen: 59.940 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 77 Resp: 347122

Ion	Ratio	Lower	Upper
77	100		
97	20.5	11.1	33.1

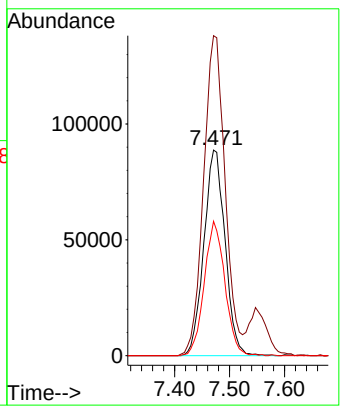




#27
cis-1,2-Dichloroethene
Concen: 53.808 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 96 Resp: 23756

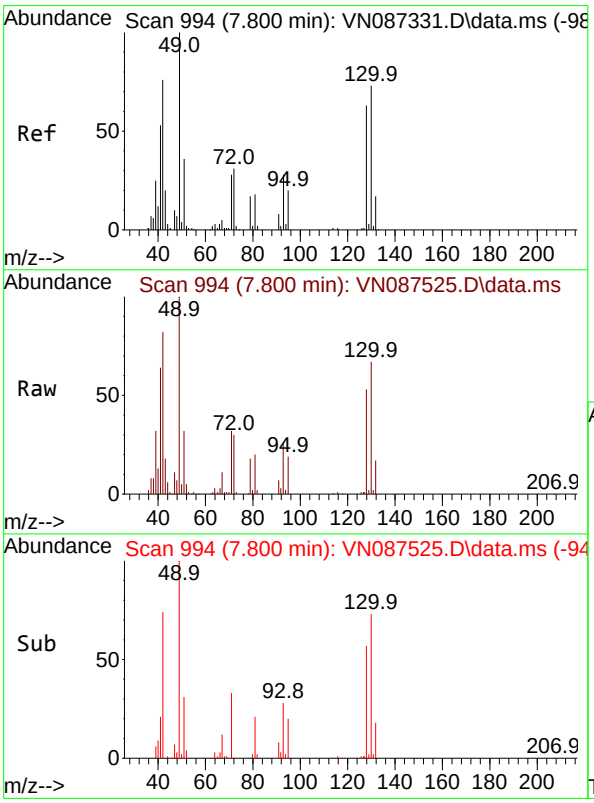
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	297.8
98	63.8	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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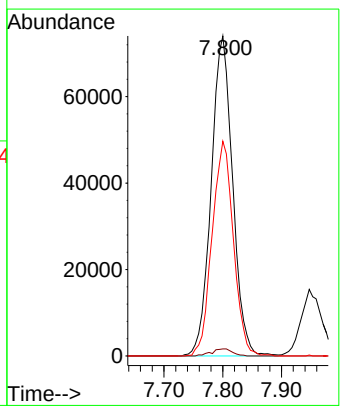
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

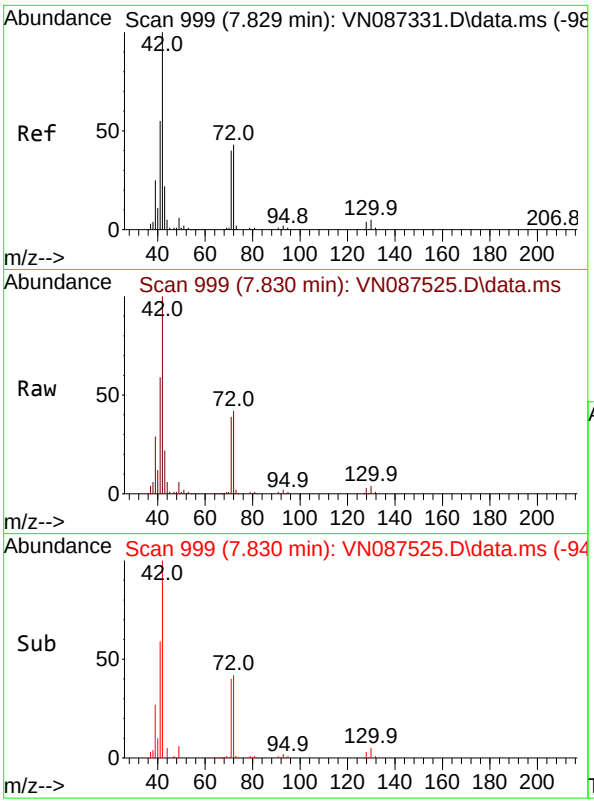


#28
Bromochloromethane
Concen: 52.751 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 49 Resp: 188052

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	66.7	57.3	85.9





#29
Tetrahydrofuran
Concen: 273.374 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

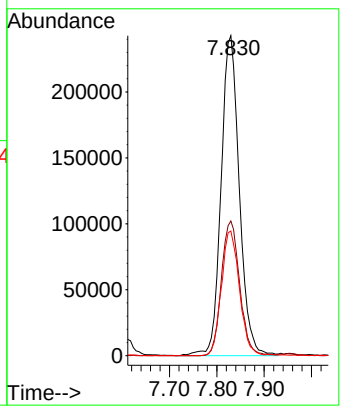
Tgt Ion: 42 Resp: 65028

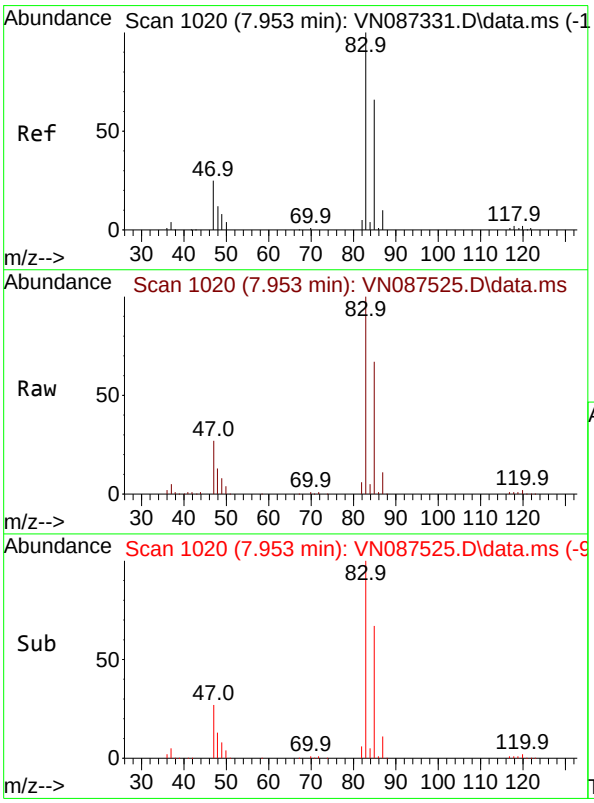
Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.4	50.0
71	38.7	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

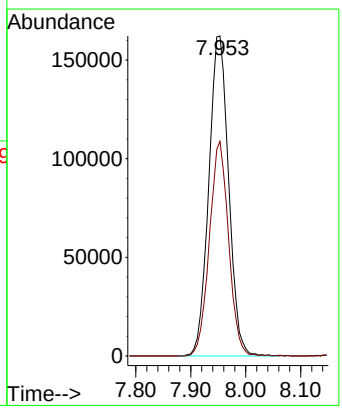


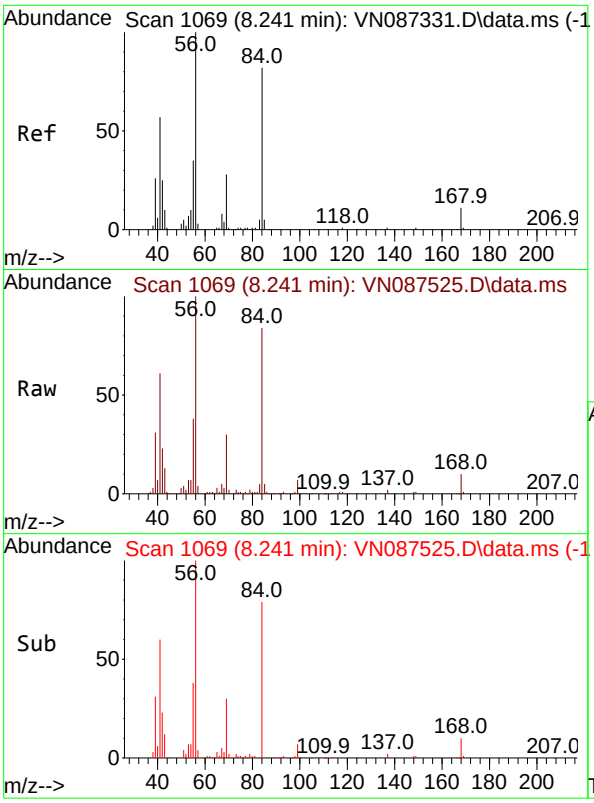


#30
Chloroform
Concen: 54.606 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 83 Resp: 407119

Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.7	79.1

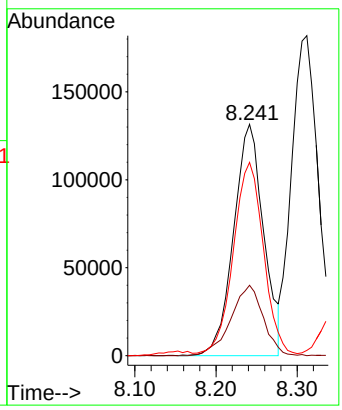




#31
Cyclohexane
Concen: 54.405 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 56 Resp: 33806

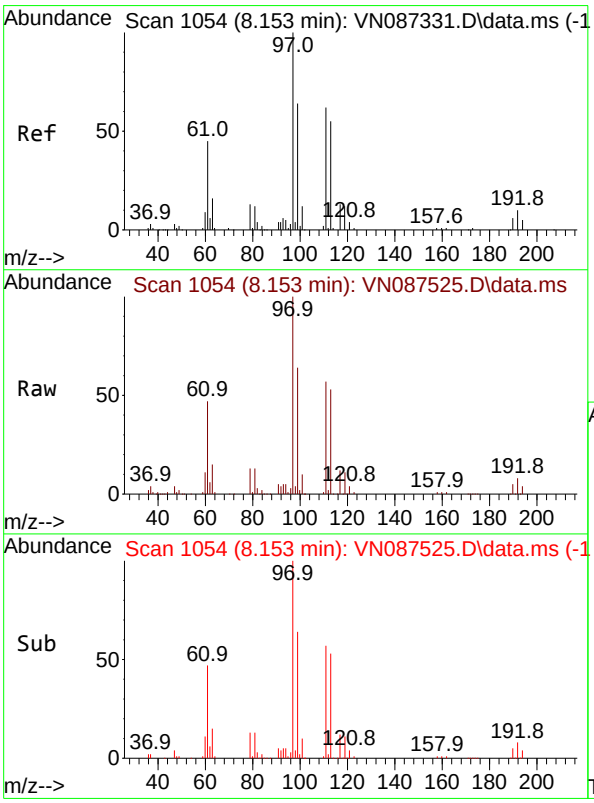
Ion	Ratio	Lower	Upper
56	100		
69	30.5	22.7	34.1
84	81.4	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

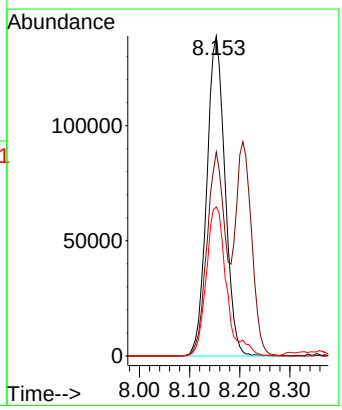
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

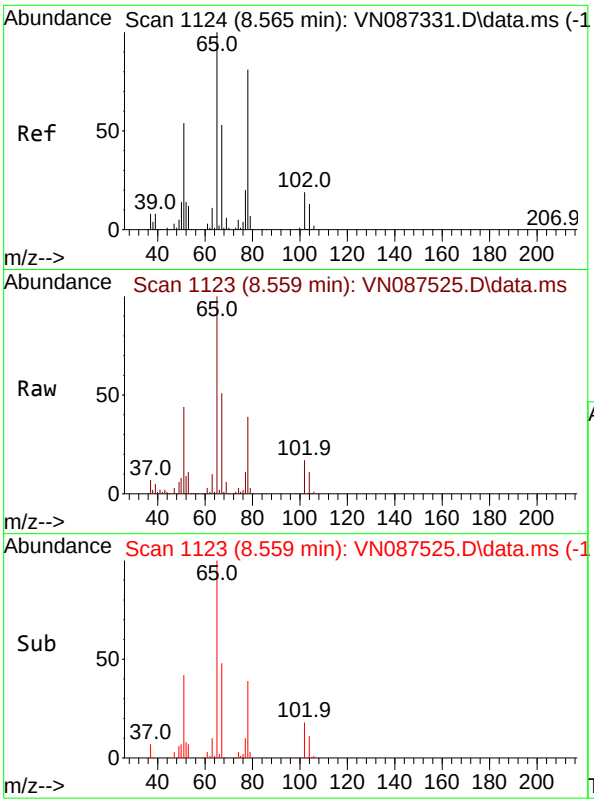


#32
1,1,1-Trichloroethane
Concen: 54.317 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 97 Resp: 350752

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	51.6	38.7	58.1

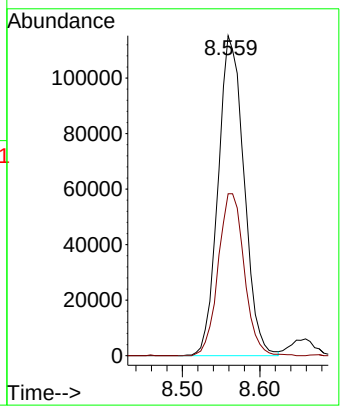




#33
1,2-Dichloroethane-d4
Concen: 52.900 ug/l
RT: 8.559 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 65 Resp: 26738

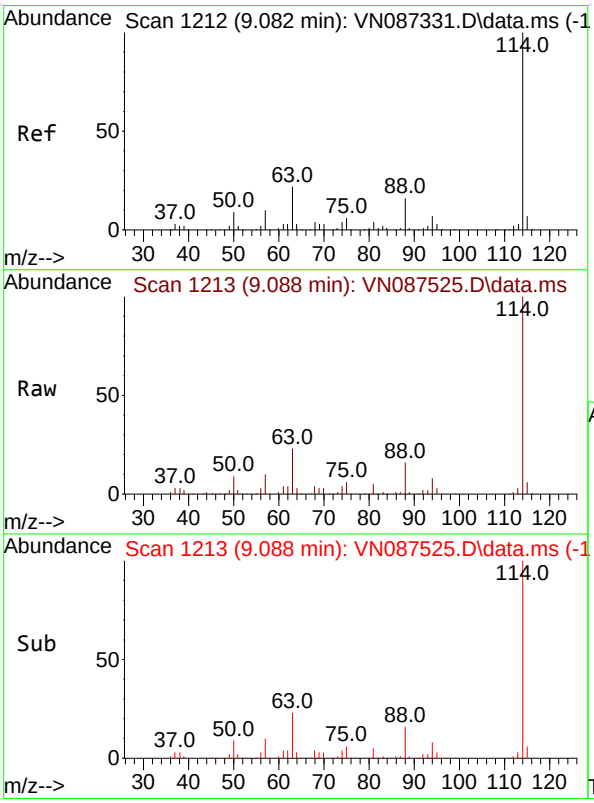
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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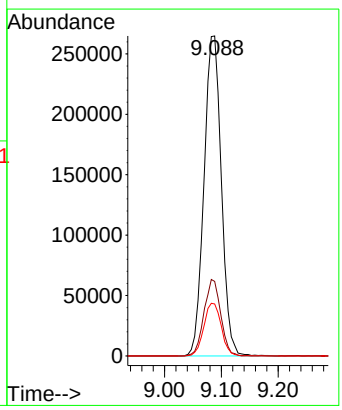
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

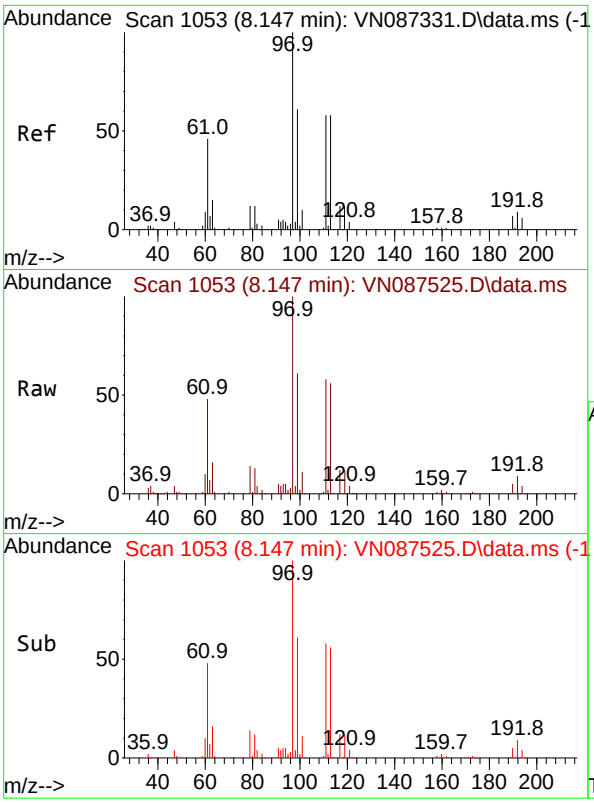


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:114 Resp: 560249

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.6
88	16.3	0.0	32.8

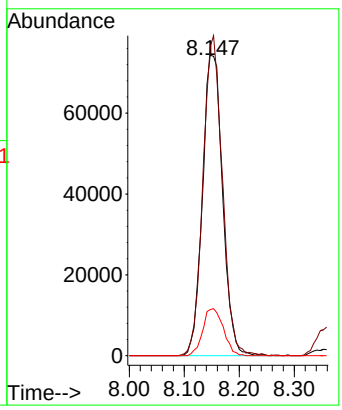




#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 8.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:113 Resp: 18908

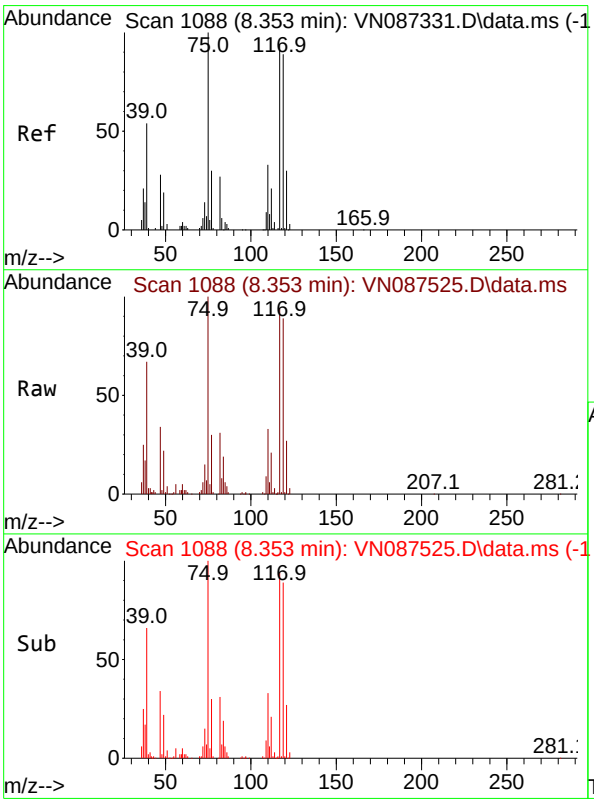
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.5	123.7
192	16.0	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

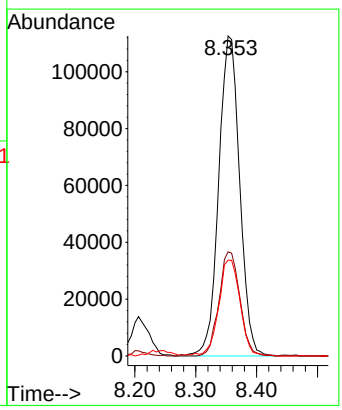
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

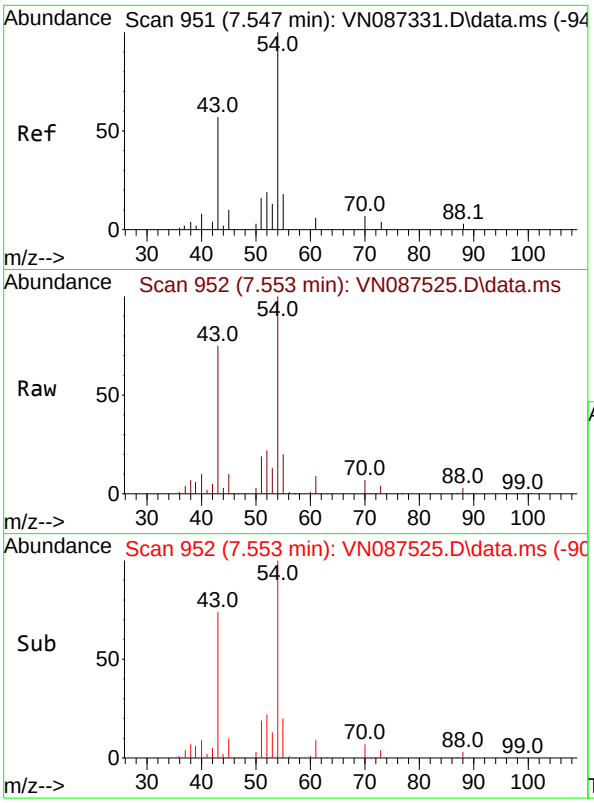


#36
1,1-Dichloropropene
Concen: 52.704 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 269096

Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.7	50.1
77	30.7	25.2	37.8





#37
Ethyl Acetate
Concen: 51.872 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

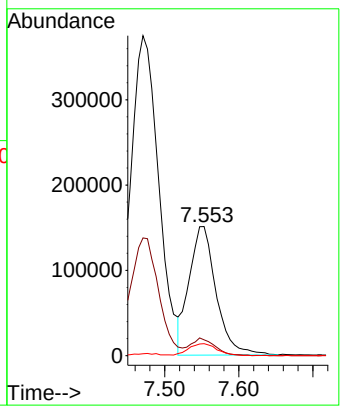
Tgt Ion: 43 Resp: 38250

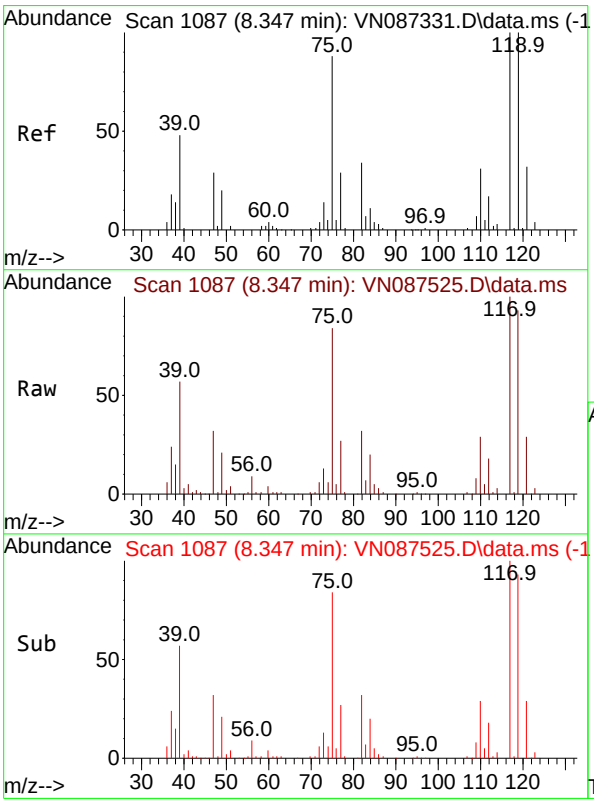
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.9	16.3
70	9.7	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

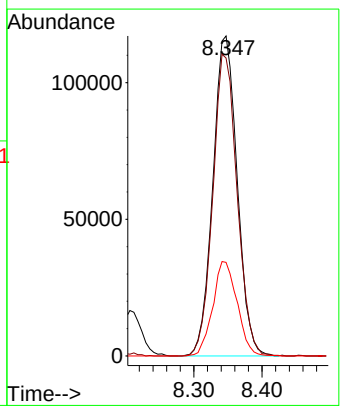


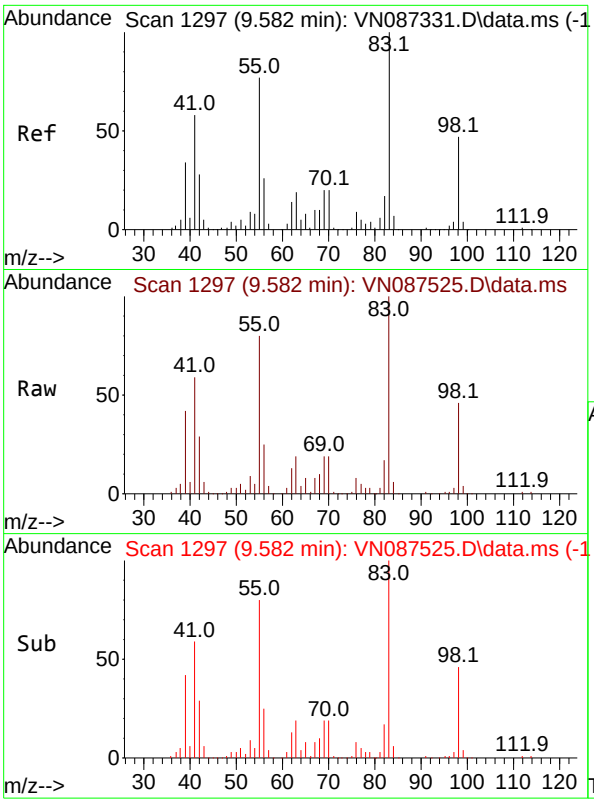


#38
Carbon Tetrachloride
Concen: 51.679 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:117 Resp: 290669

Ion	Ratio	Lower	Upper
117	100		
119	93.1	80.2	120.2
121	29.3	25.4	38.2

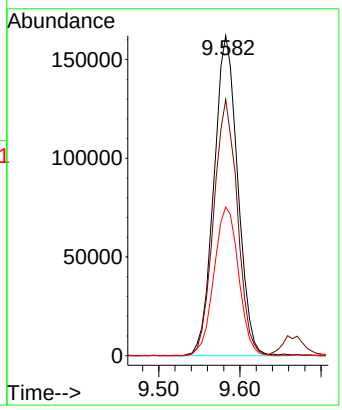




#39
Methylcyclohexane
Concen: 59.801 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 83 Resp: 33056

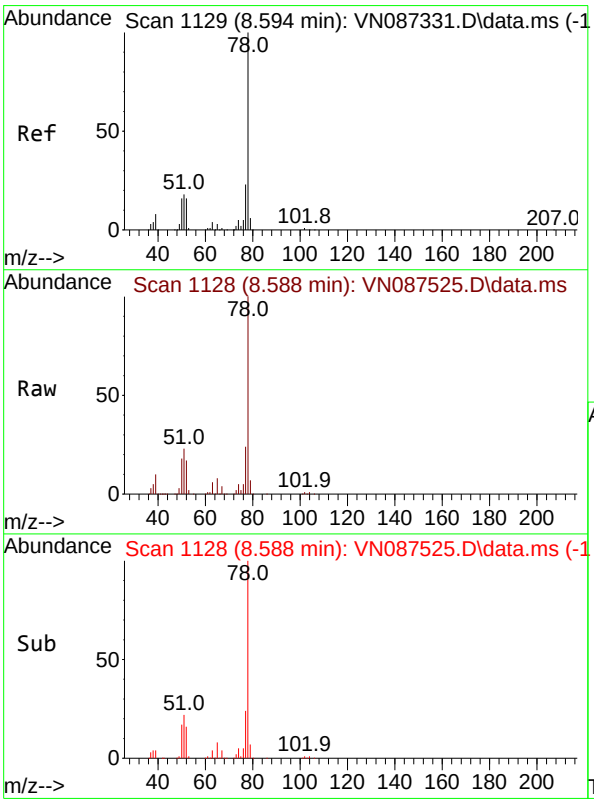
Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.3	91.9
98	46.5	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

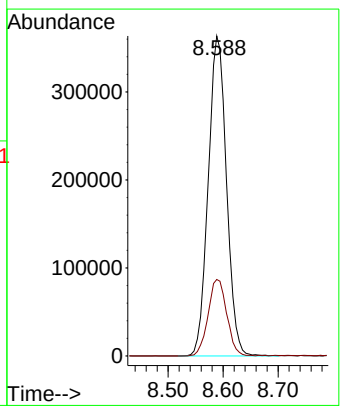
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

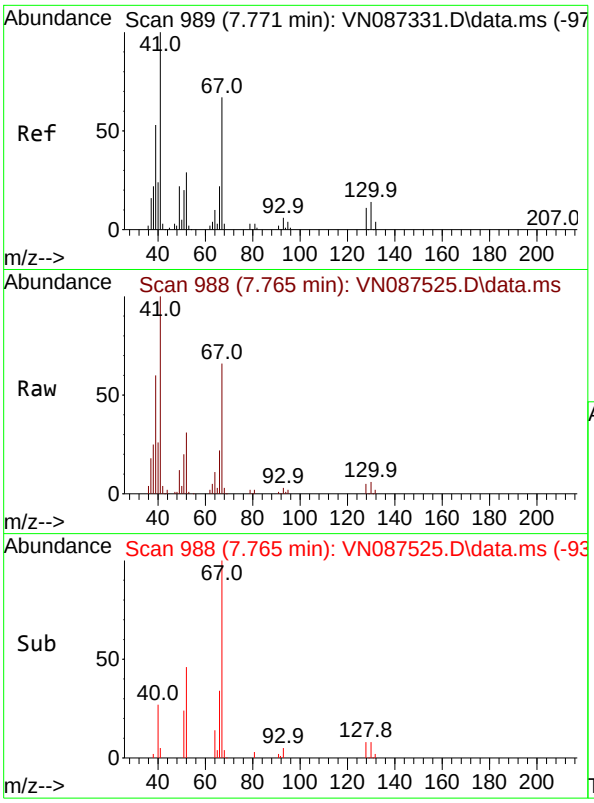


#40
Benzene
Concen: 50.887 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 78 Resp: 839732

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2

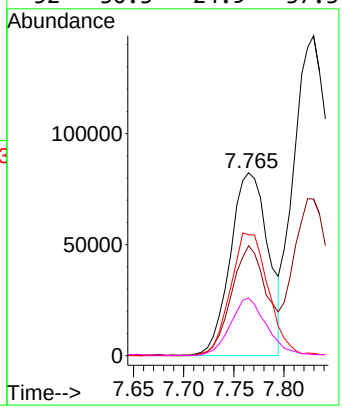




#41
Methacrylonitrile
Concen: 56.377 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 41 Resp: 21737

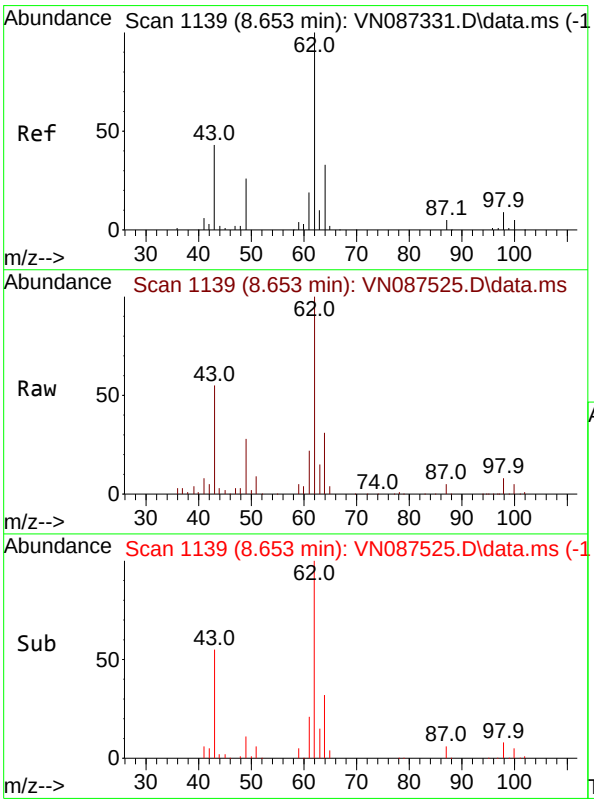
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.4	65.0
67	67.0	55.1	82.7
52	30.3	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

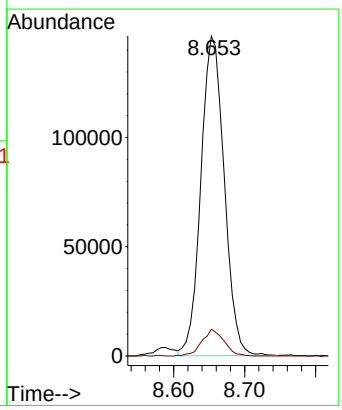
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

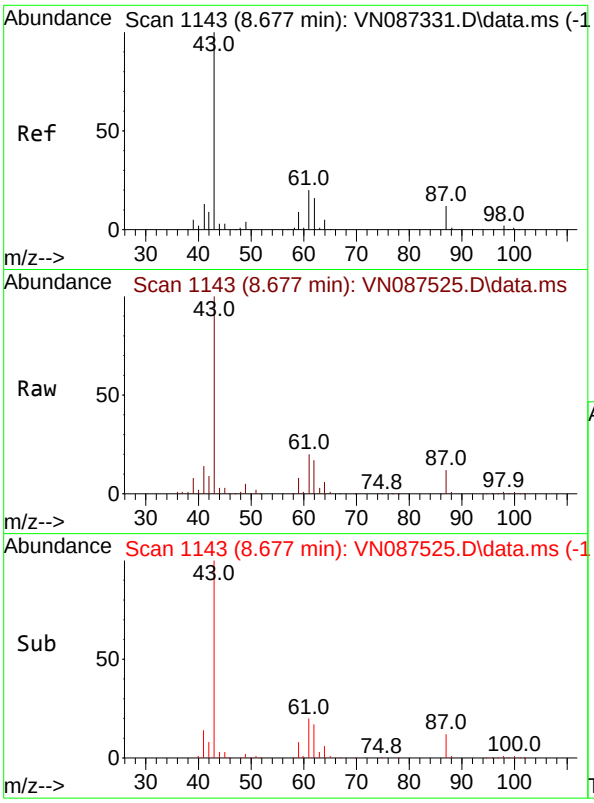


#42
1,2-Dichloroethane
Concen: 53.444 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 62 Resp: 334446

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.0

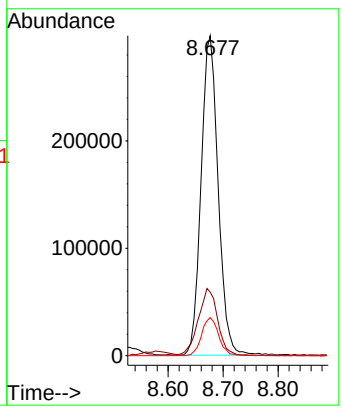




#43
Isopropyl Acetate
Concen: 56.154 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 64279

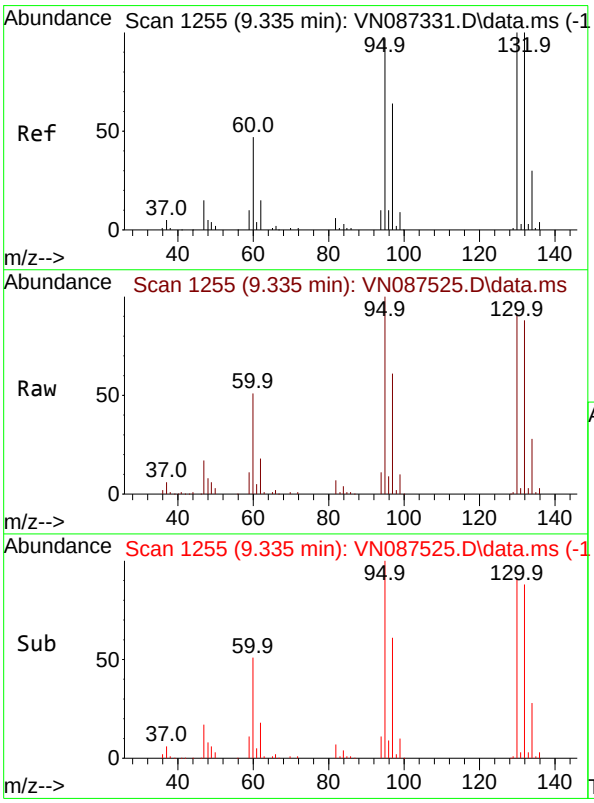
Ion	Ratio	Lower	Upper
43	100		
61	23.8	19.8	29.8
87	11.8	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

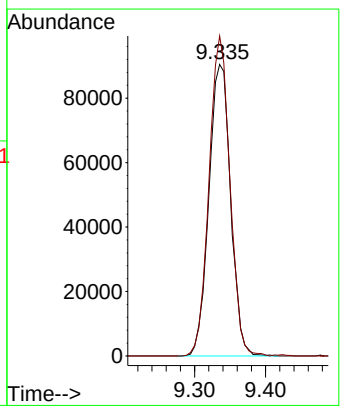
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

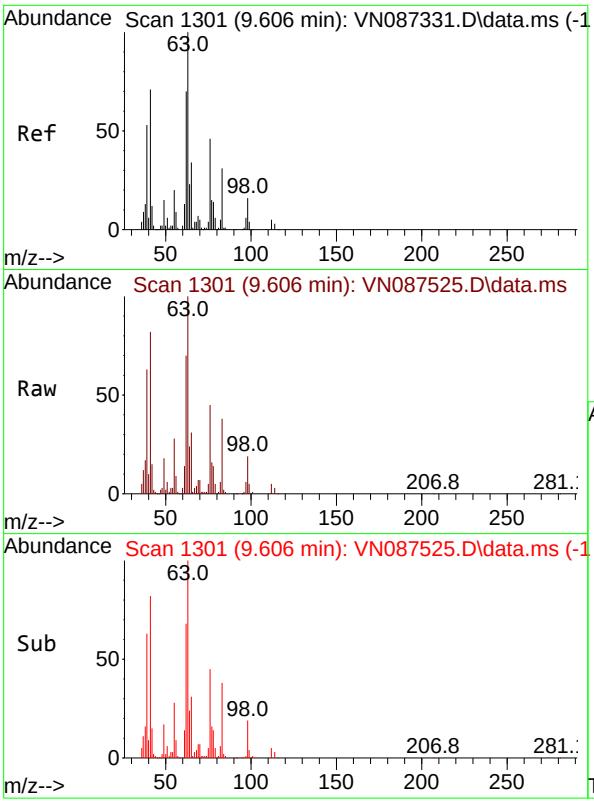


#44
Trichloroethene
Concen: 49.195 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:130 Resp: 191822

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	195.2

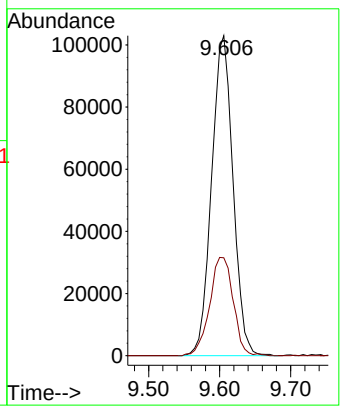




#45
1,2-Dichloropropane
Concen: 51.319 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 63 Resp: 21517

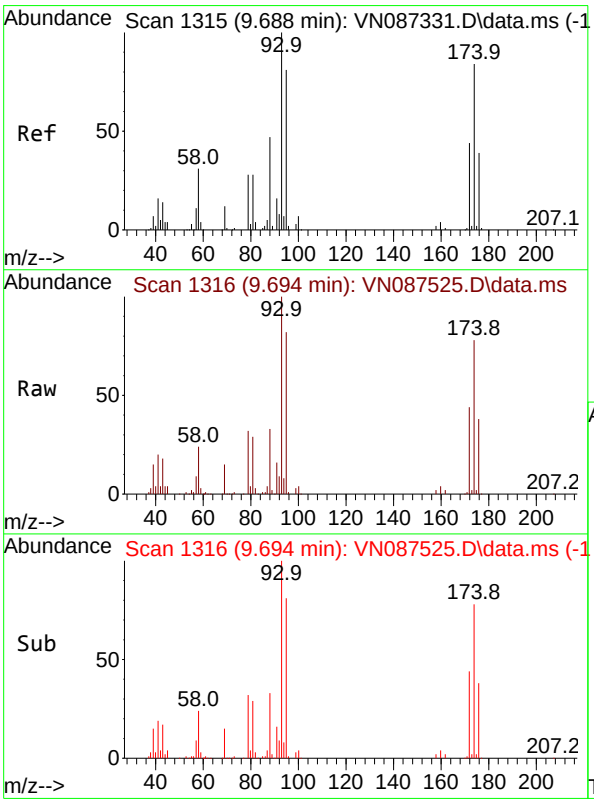
Ion	Ratio	Lower	Upper
63	100		
65	30.6	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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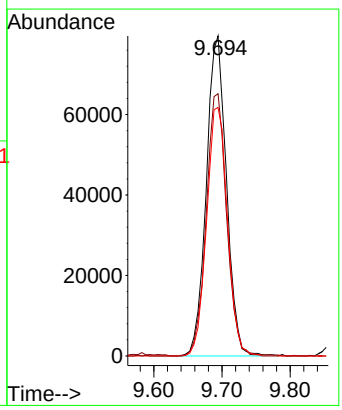
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

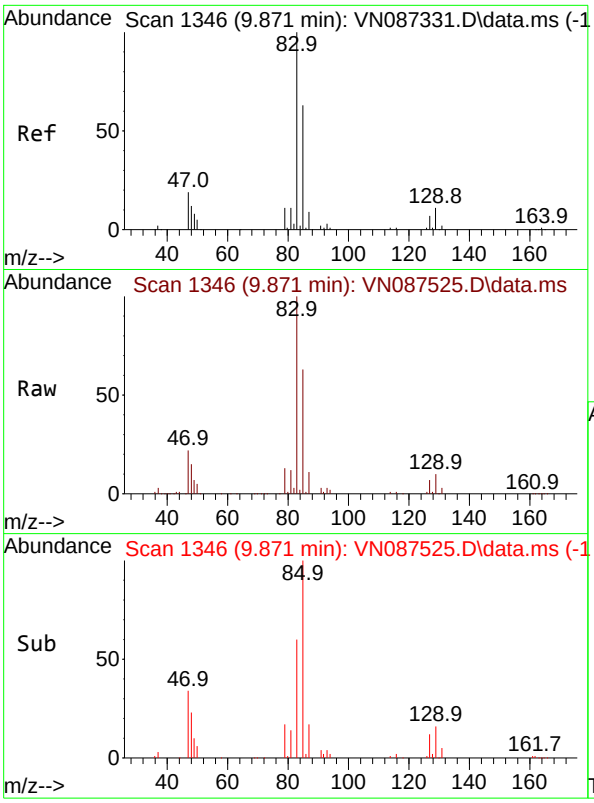


#46
Dibromomethane
Concen: 52.067 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 93 Resp: 163459

Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.8	98.8
174	80.5	69.9	104.9

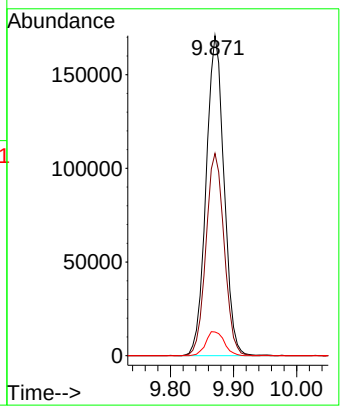




#47
Bromodichloromethane
Concen: 53.322 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 83 Resp: 33718

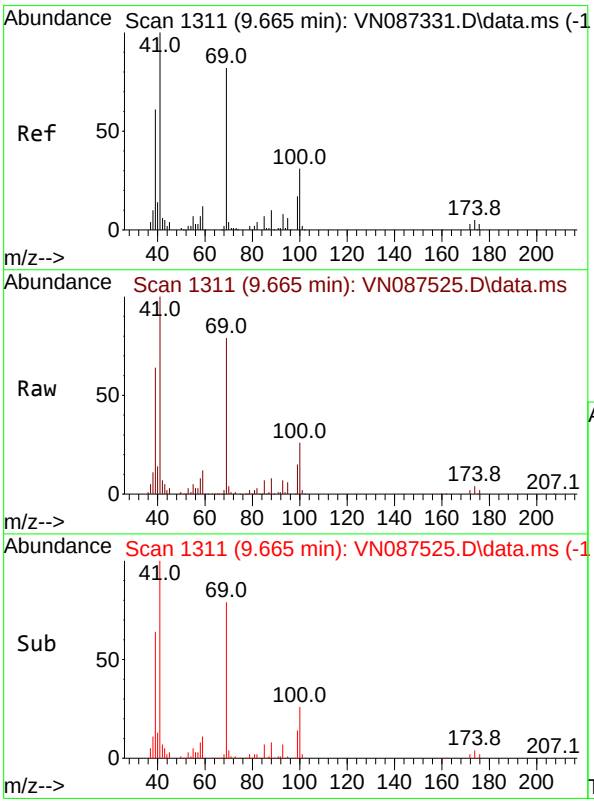
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.4	75.6
127	7.4	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

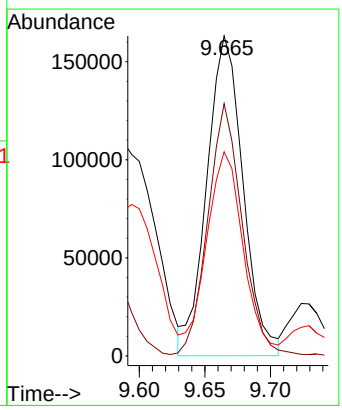
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

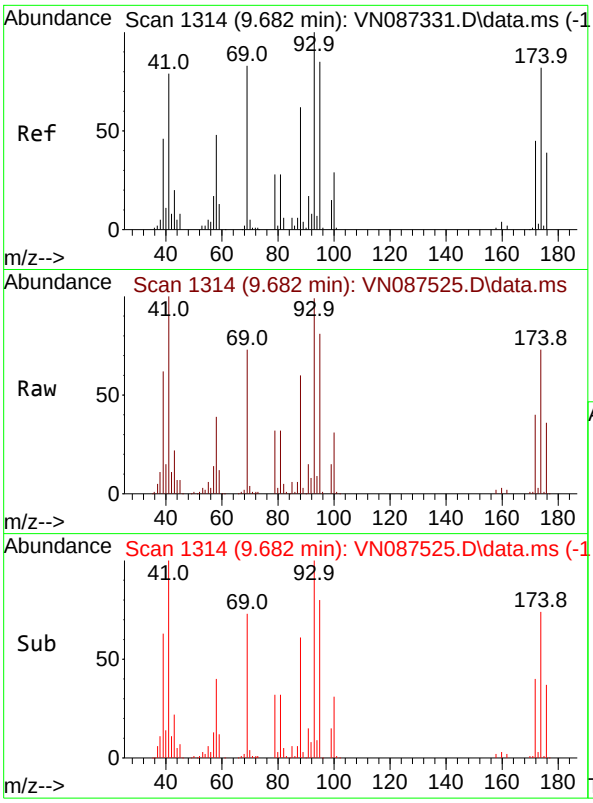


#48
Methyl methacrylate
Concen: 60.829 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 41 Resp: 313471

Ion	Ratio	Lower	Upper
41	100		
69	74.8	64.1	96.1
39	65.0	45.5	68.3

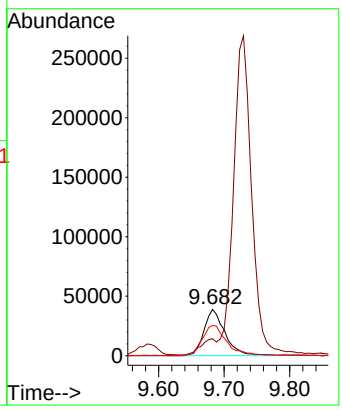




#49
1,4-Dioxane
Concen: 1099.339 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 88 Resp: 8676

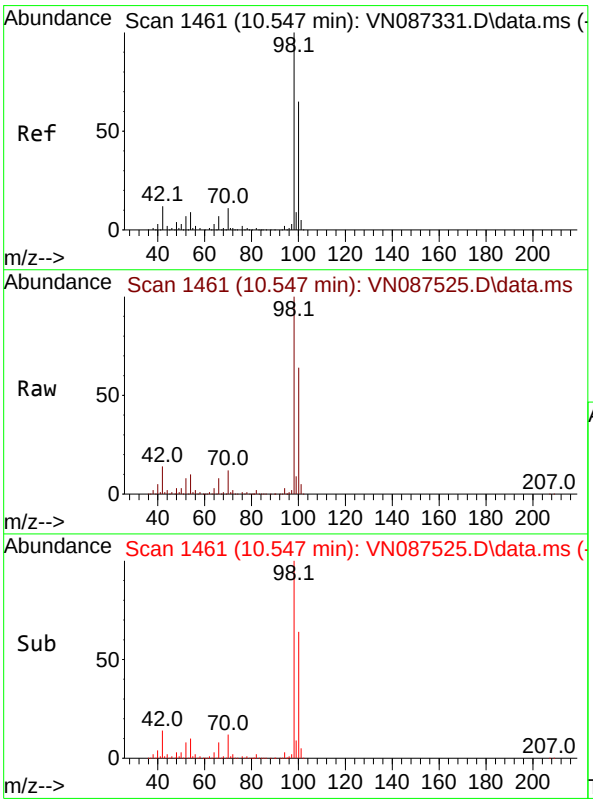
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.4	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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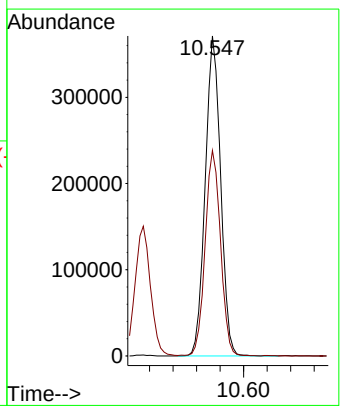
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

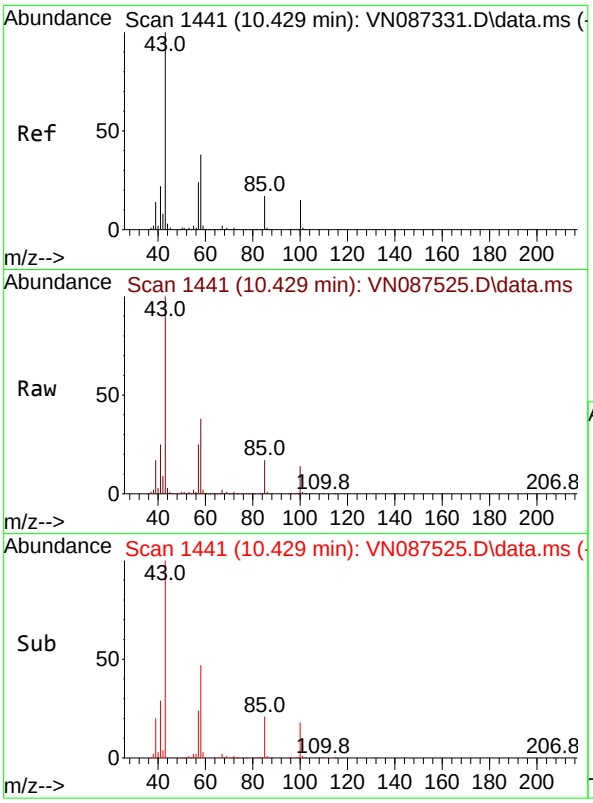


#50
Toluene-d8
Concen: 48.931 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 98 Resp: 674538

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

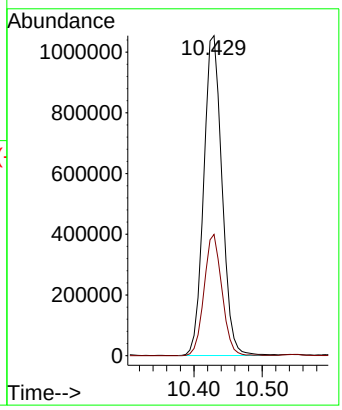




#51
4-Methyl-2-Pentanone
Concen: 272.168 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 197048

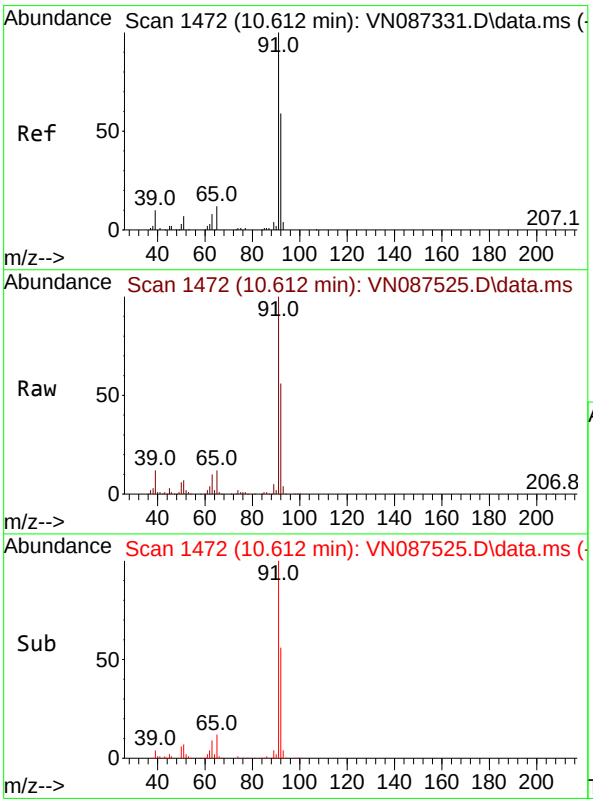
Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

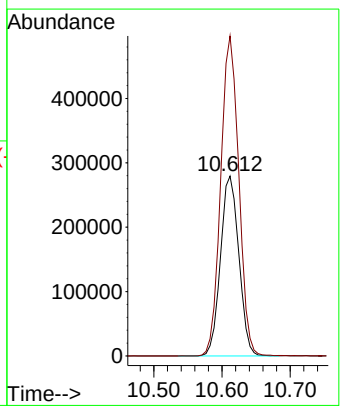
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

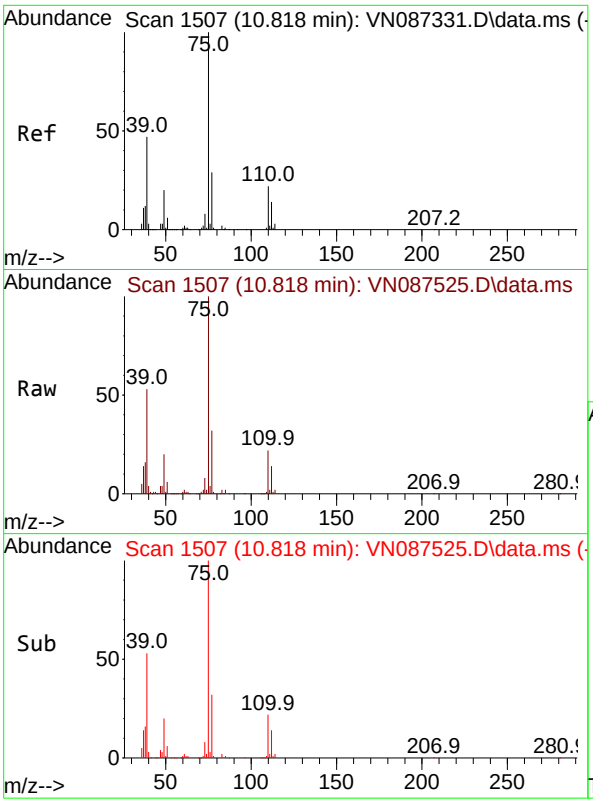


#52
Toluene
Concen: 52.162 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 92 Resp: 523201

Ion	Ratio	Lower	Upper
92	100		
91	175.4	135.1	202.7

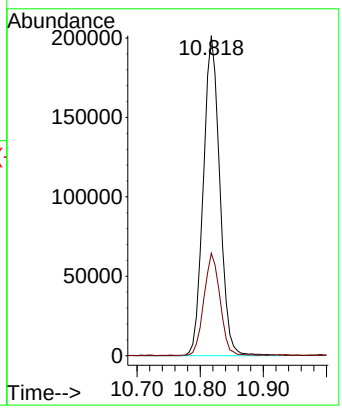




#53
t-1,3-Dichloropropene
Concen: 56.856 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 36386

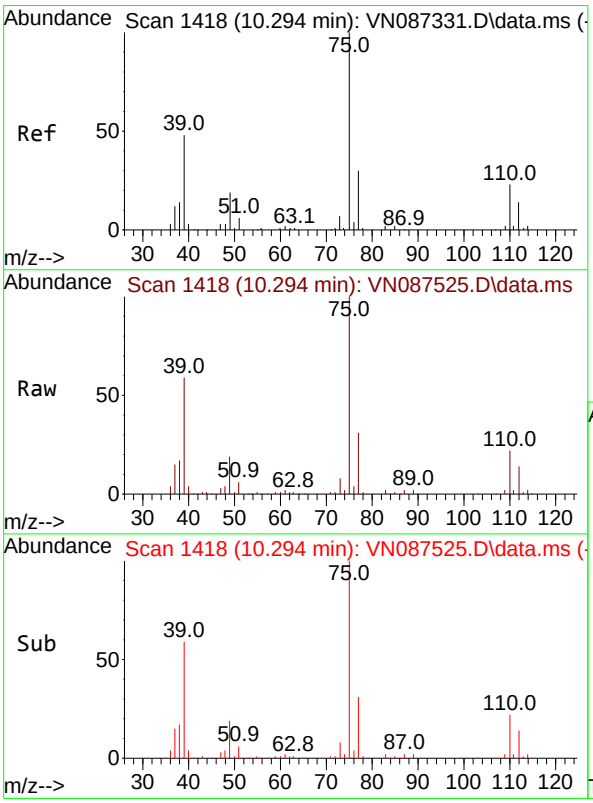
Ion	Ratio	Lower	Upper
75	100		
77	31.9	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

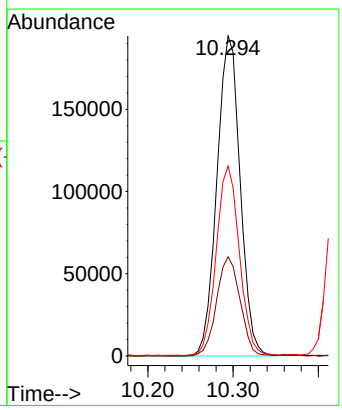
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

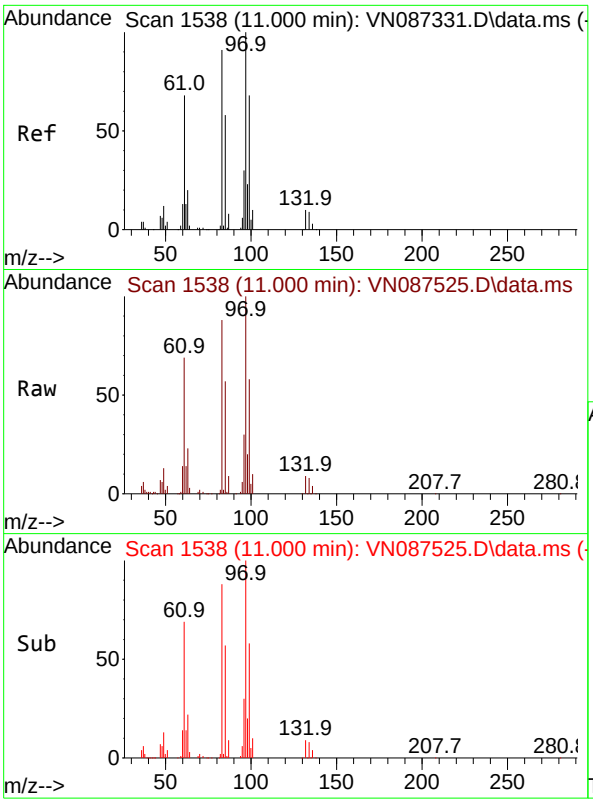


#54
cis-1,3-Dichloropropene
Concen: 55.797 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 368848

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.2	36.2
39	59.1	38.4	57.6#

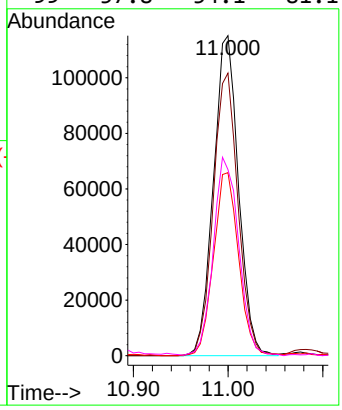




#55
1,1,2-Trichloroethane
Concen: 52.209 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 97 Resp: 21200

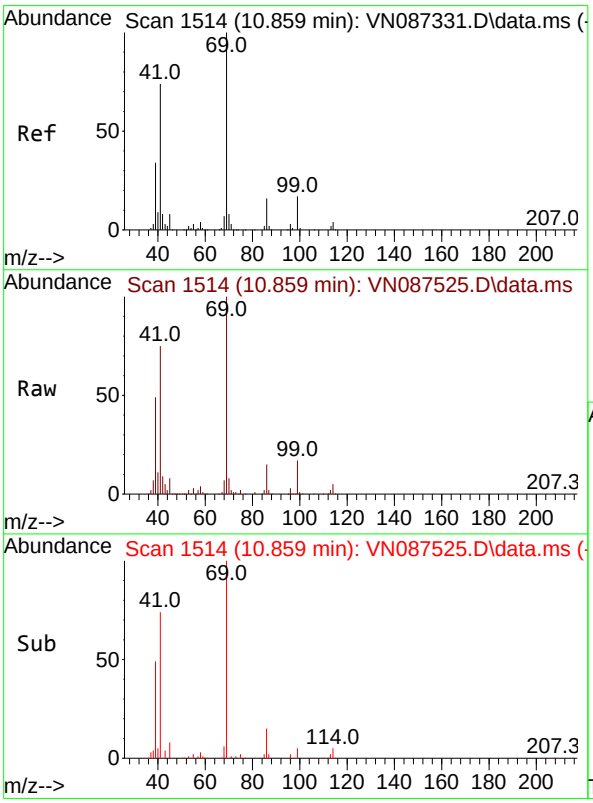
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.6	109.0
85	57.2	46.7	70.1
99	57.8	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

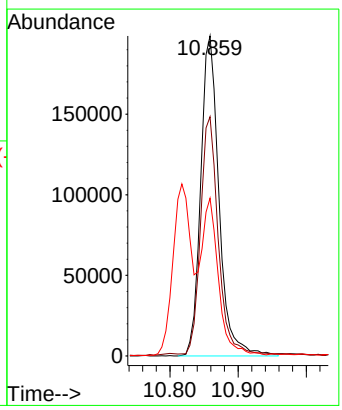
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

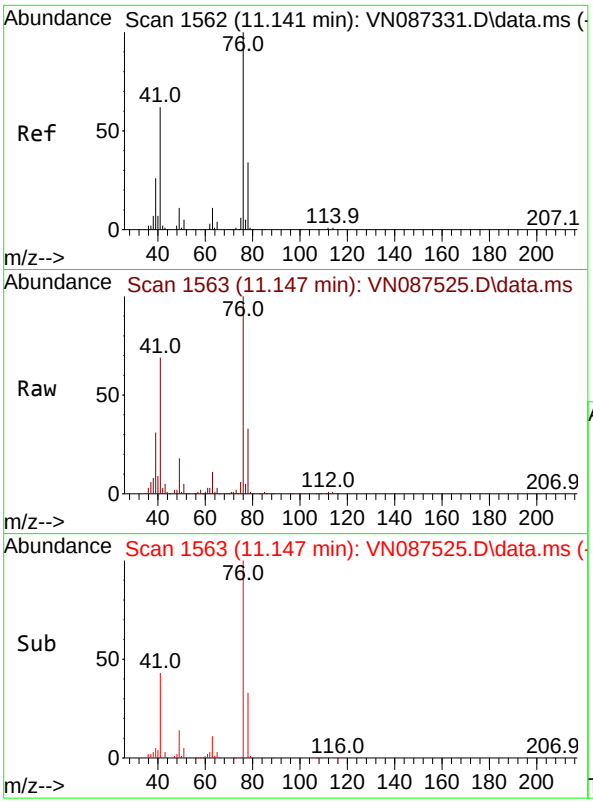


#56
Ethyl methacrylate
Concen: 54.181 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 69 Resp: 371269

Ion	Ratio	Lower	Upper
69	100		
41	71.7	55.1	82.7
39	42.5	27.9	41.9#

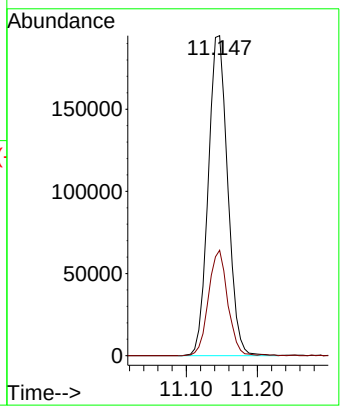




#57
1,3-Dichloropropane
Concen: 52.670 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 76 Resp: 36979

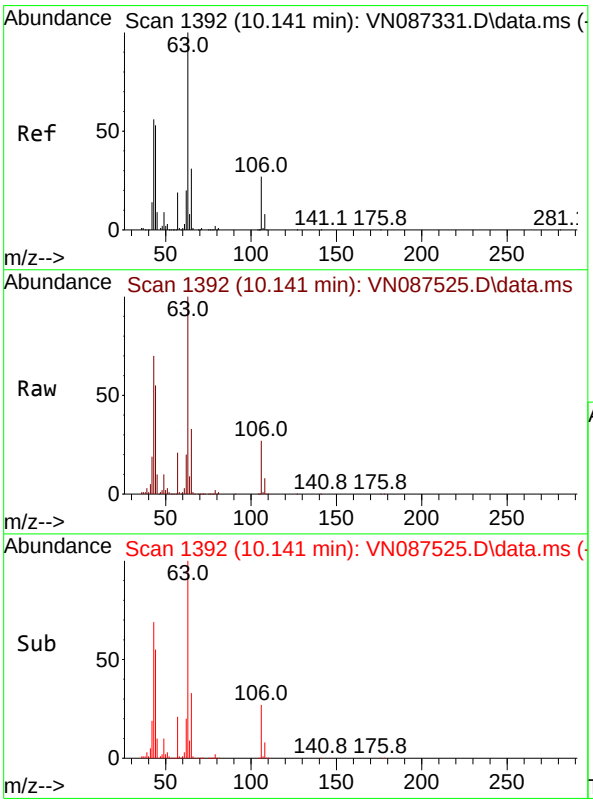
Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

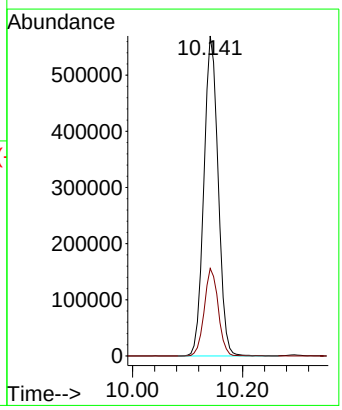
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

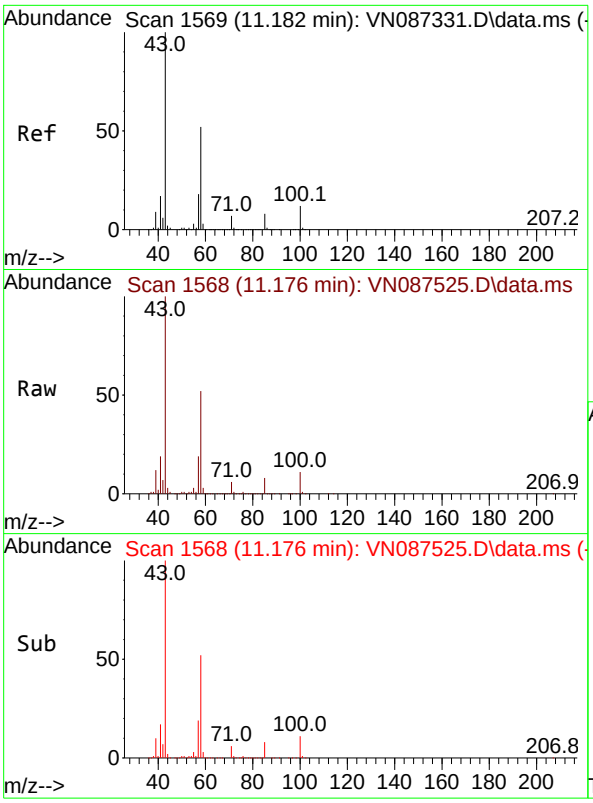


#58
2-Chloroethyl Vinyl ether
Concen: 308.170 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 63 Resp: 1026550

Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.7	32.5





#59
2-Hexanone
Concen: 281.390 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

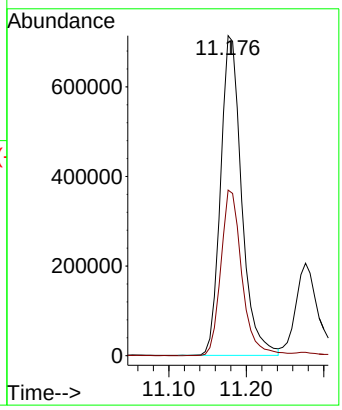
Tgt Ion: 43 Resp: 135163

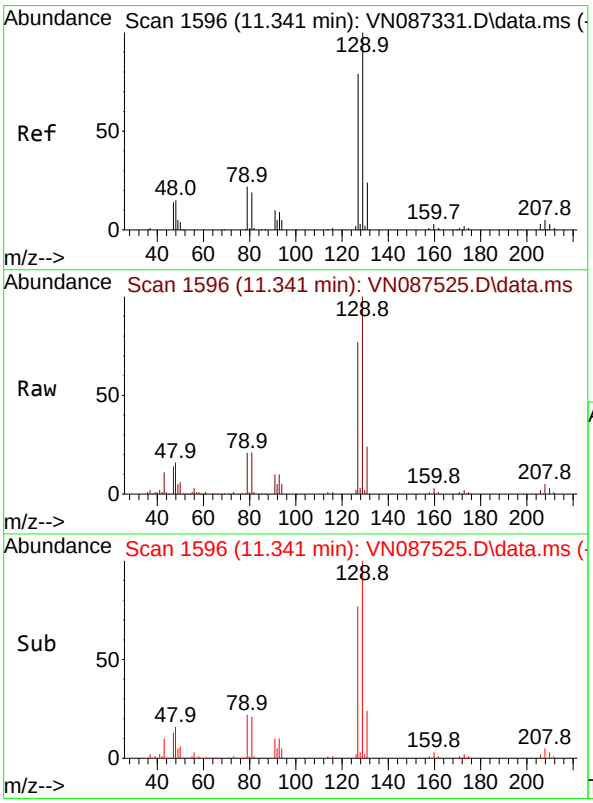
Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

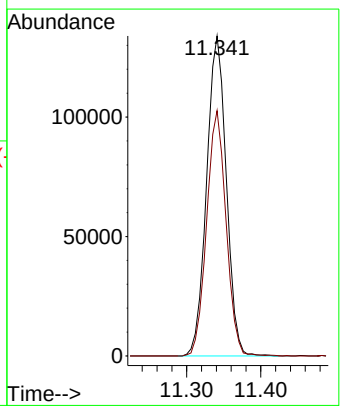


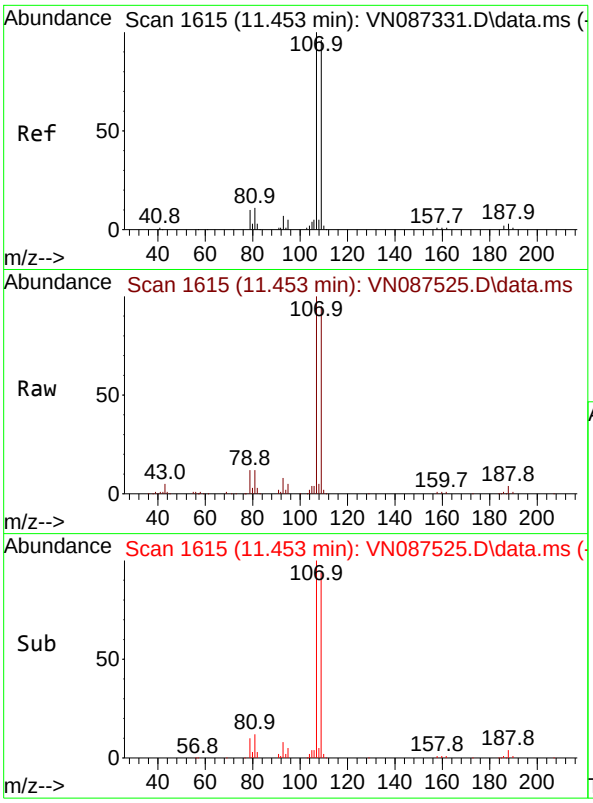


#60
Dibromochloromethane
Concen: 53.325 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:129 Resp: 246950

Ion	Ratio	Lower	Upper
129	100		
127	75.7	39.1	117.5





#61
1,2-Dibromoethane
Concen: 52.906 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

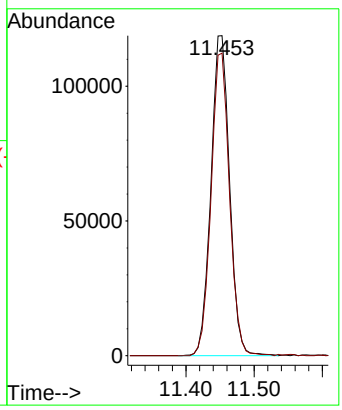
Tgt Ion:107 Resp: 22589

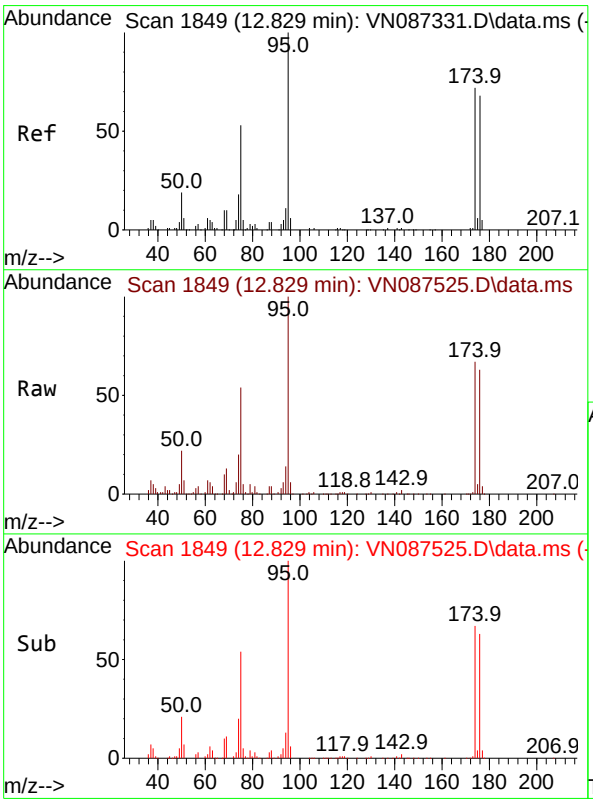
Ion	Ratio	Lower	Upper
107	100		
109	93.5	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

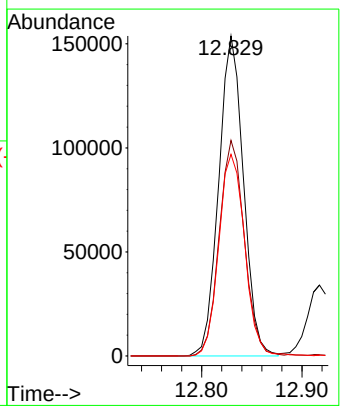


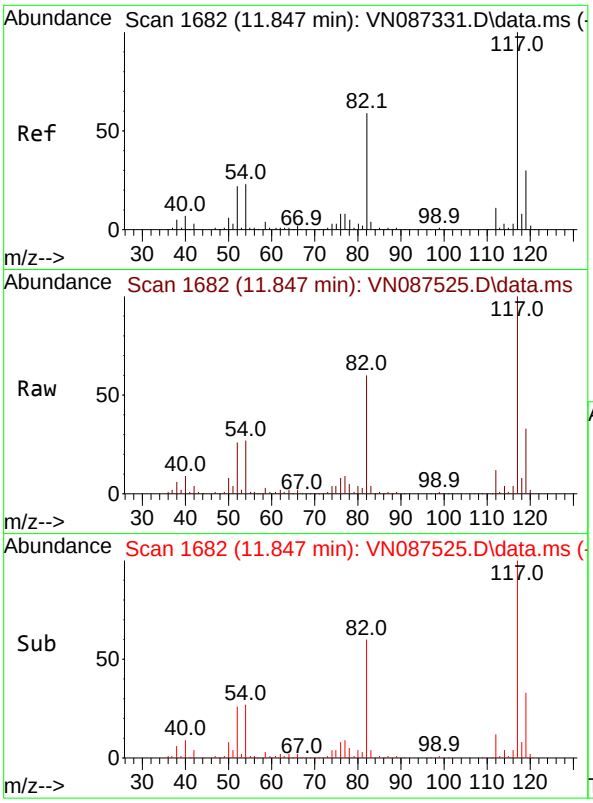


#62
4-Bromofluorobenzene
Concen: 51.735 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 95 Resp: 263490

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	149.4
176	66.0	0.0	141.2

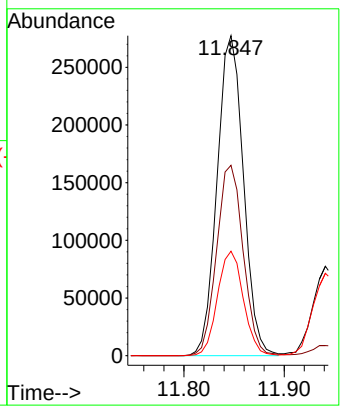




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:117 Resp: 50648

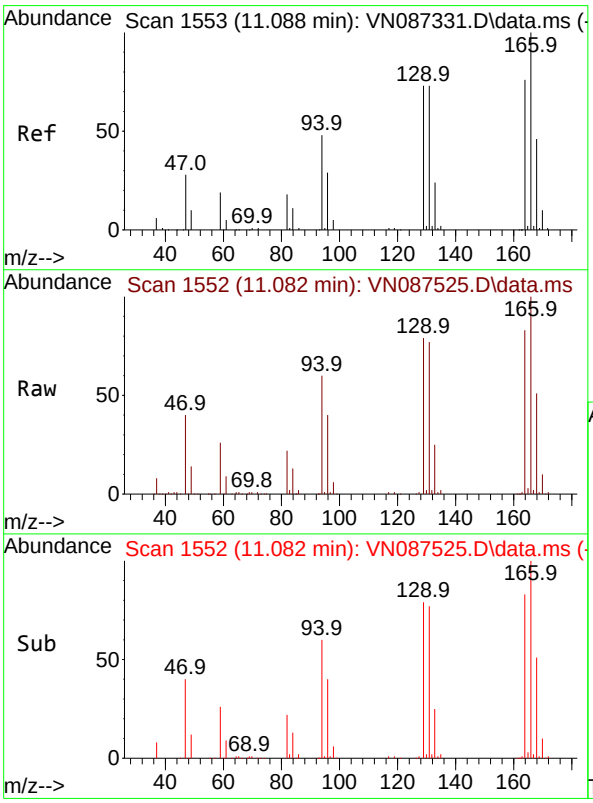
Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.4	71.2
119	32.6	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

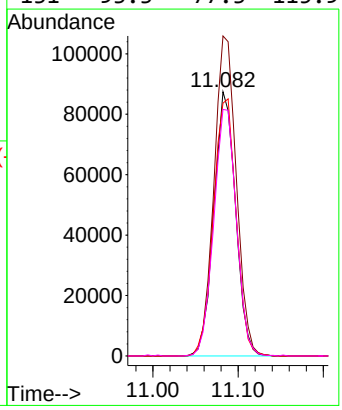
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

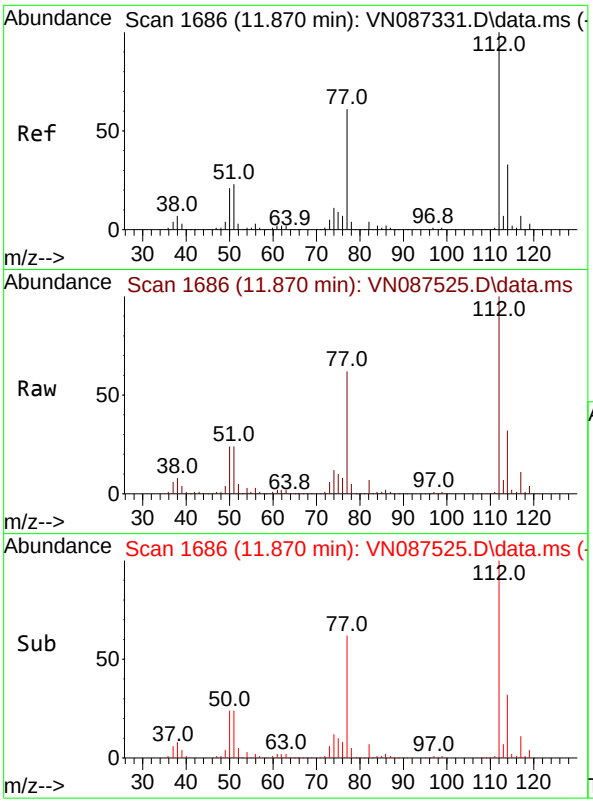


#64
Tetrachloroethene
Concen: 47.598 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:164 Resp: 155159

Ion	Ratio	Lower	Upper
164	100		
166	121.1	105.5	158.3
129	95.7	77.4	116.2
131	93.3	77.3	115.9

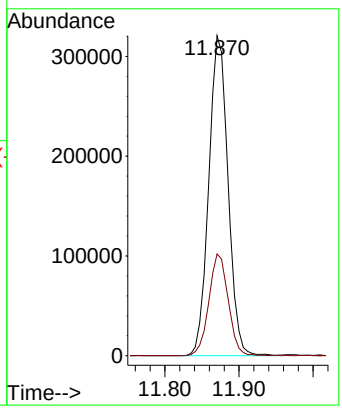




#65
Chlorobenzene
Concen: 50.858 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:112 Resp: 57831

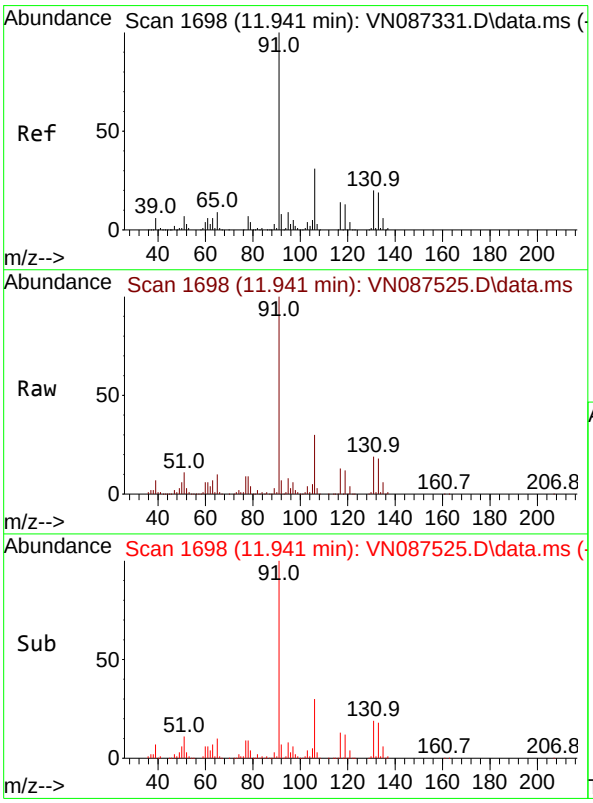
Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

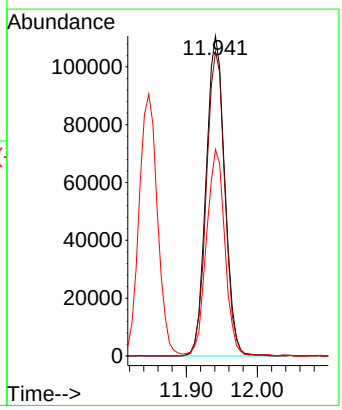
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

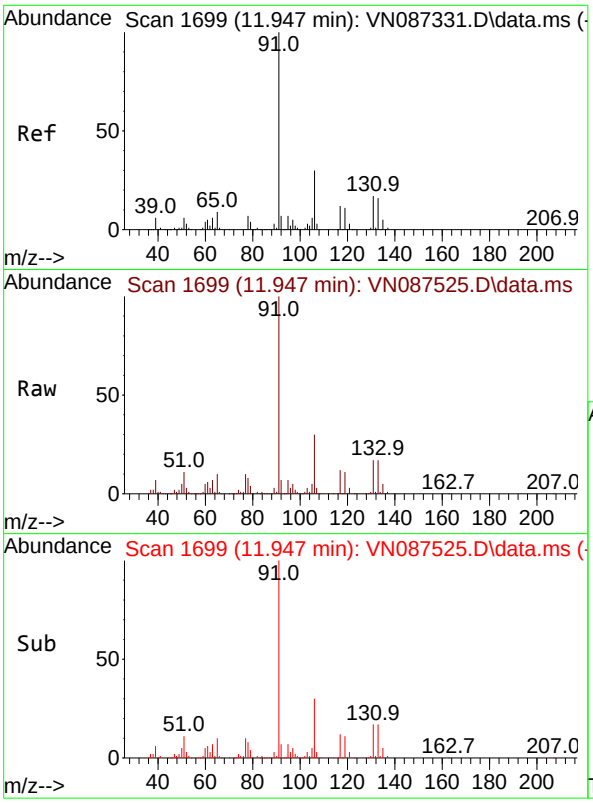


#66
1,1,1,2-Tetrachloroethane
Concen: 52.143 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:131 Resp: 201612

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.4	142.3
119	63.2	33.1	99.2





#67
Ethyl Benzene
Concen: 54.824 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

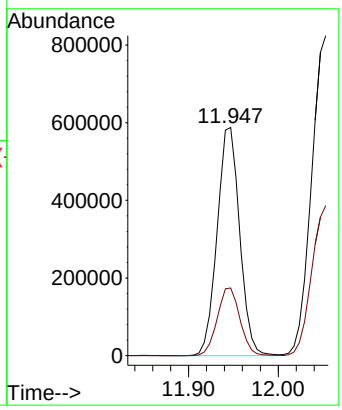
Tgt Ion: 91 Resp: 102628

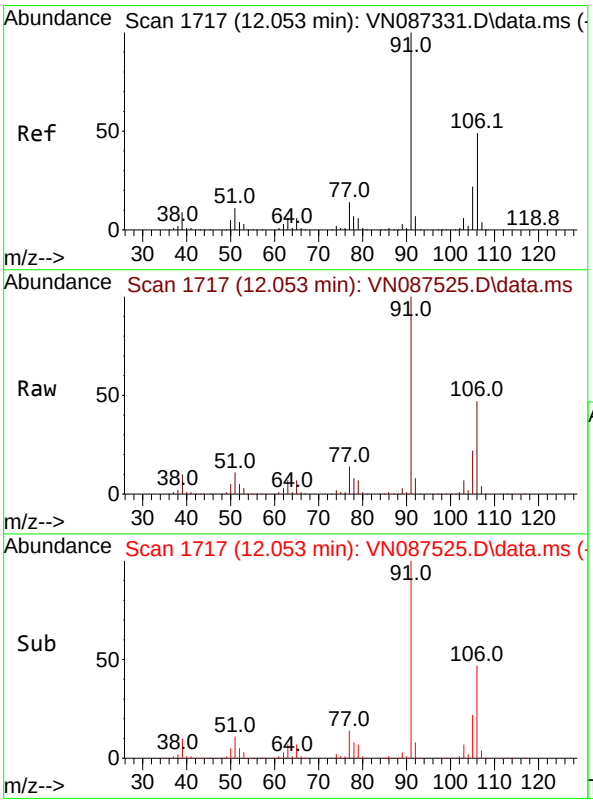
Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

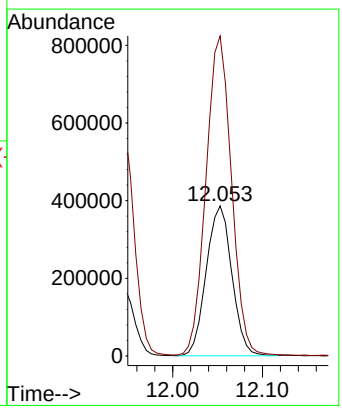


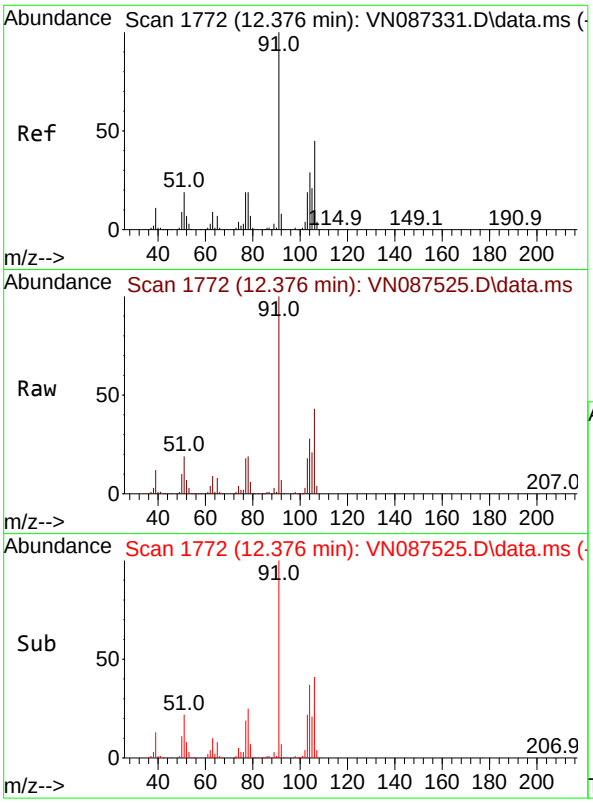


#68
m/p-Xylenes
Concen: 109.123 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:106 Resp: 764924

Ion	Ratio	Lower	Upper
106	100		
91	212.8	162.0	243.0





#69
o-Xylene
Concen: 55.701 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

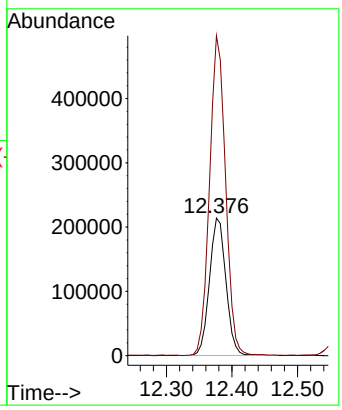
Tgt Ion:106 Resp: 37296

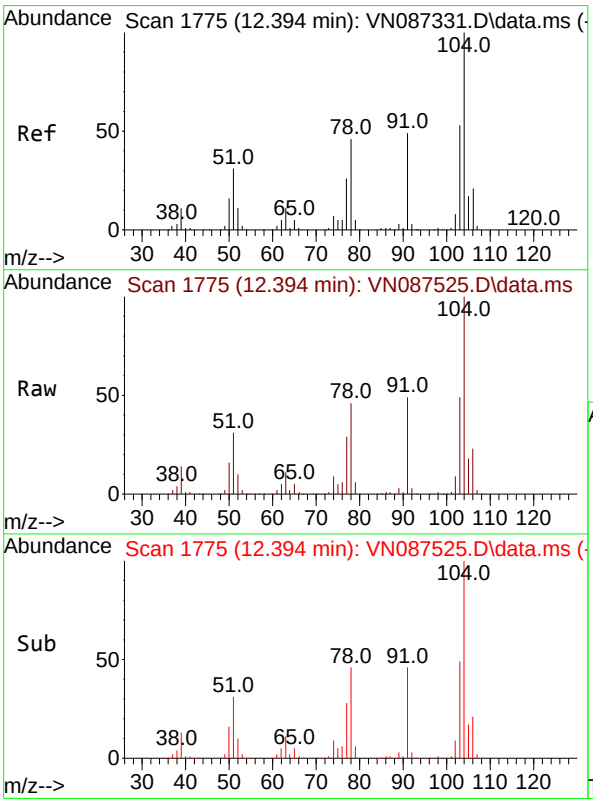
Ion	Ratio	Lower	Upper
106	100		
91	226.4	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

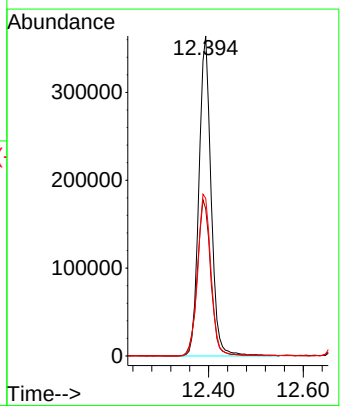


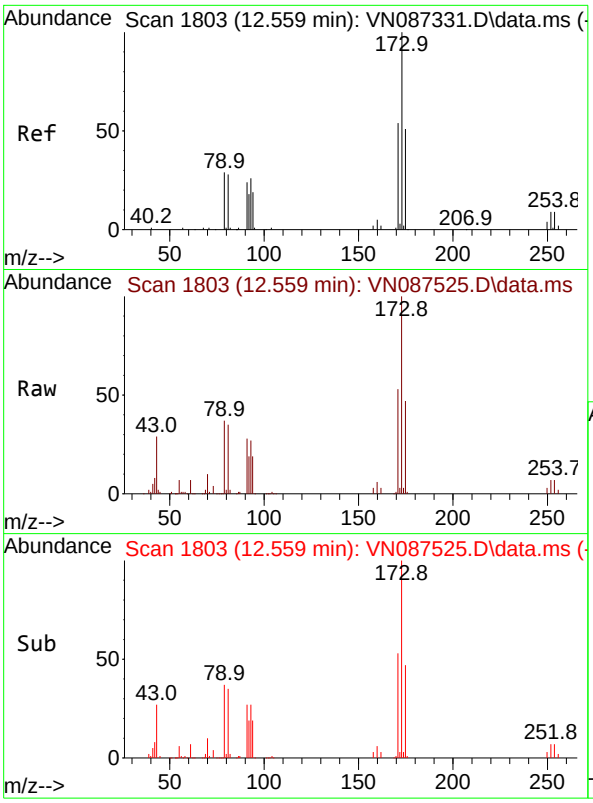


#70
Styrene
Concen: 57.479 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:104 Resp: 647435

Ion	Ratio	Lower	Upper
104	100		
78	53.7	41.0	61.6
103	55.3	43.9	65.9

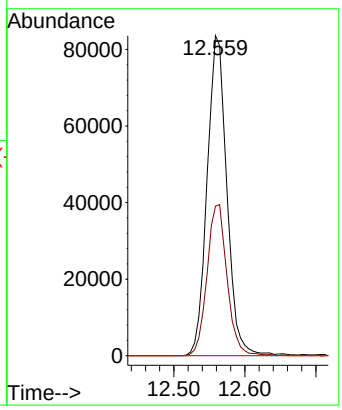




#71
Bromoform
Concen: 51.623 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:173 Resp: 16125

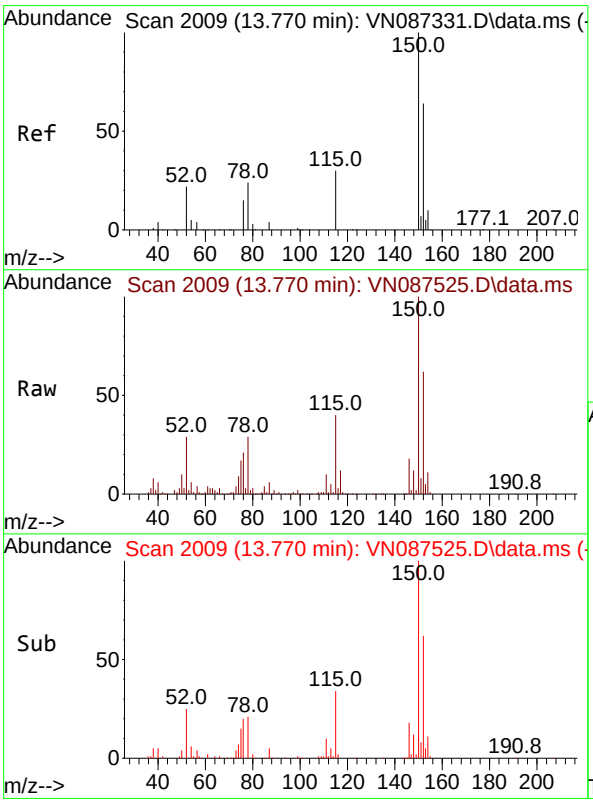
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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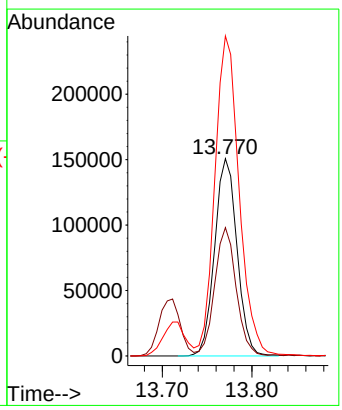
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

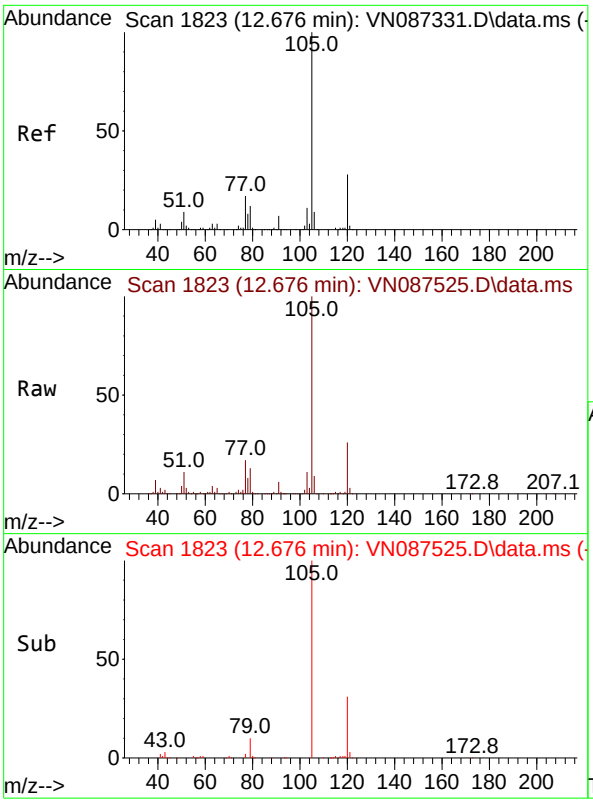


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:152 Resp: 261423

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.1	93.5
150	175.2	0.0	349.0

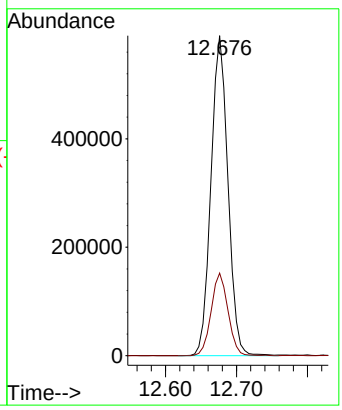




#73
Isopropylbenzene
Concen: 59.336 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:105 Resp: 97627

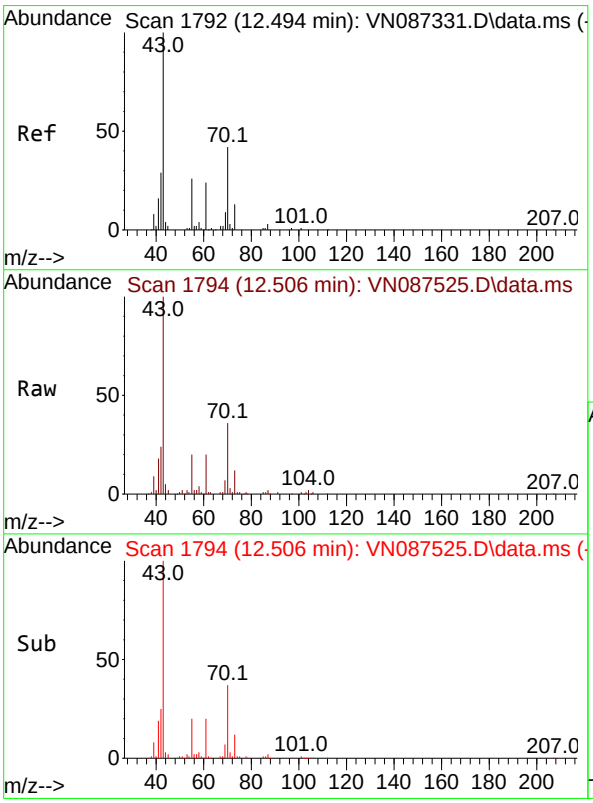
Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

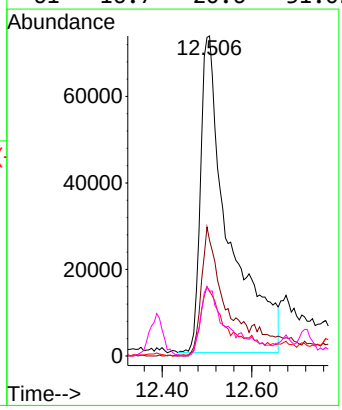
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

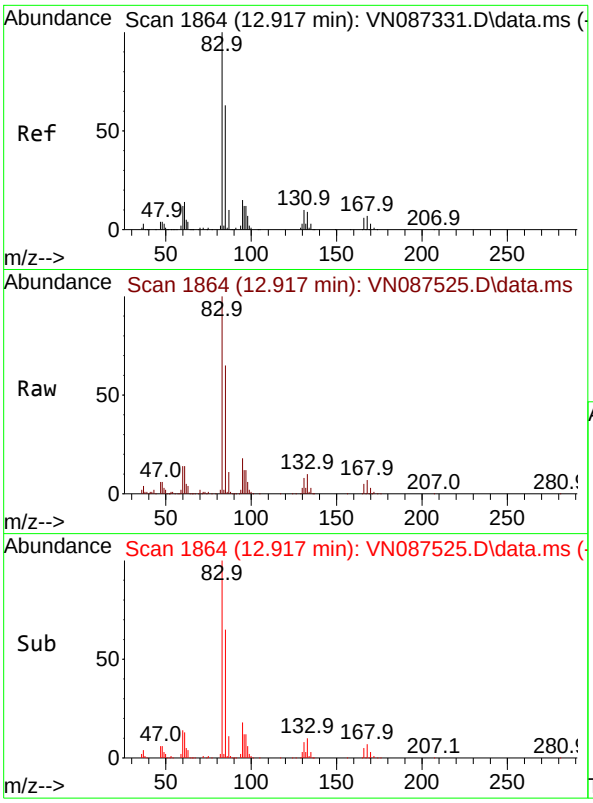


#74
N-amyl acetate
Concen: 46.390 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.012 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 317125

Ion	Ratio	Lower	Upper
43	100		
70	32.3	37.6	56.4#
55	18.2	19.6	29.4#
61	16.7	20.6	31.0#

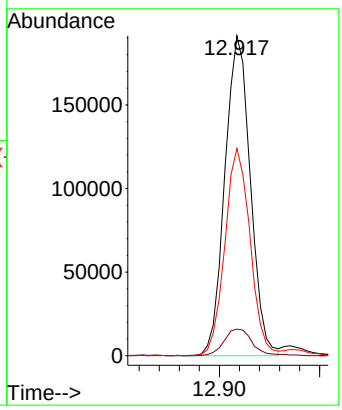




#75
1,1,2,2-Tetrachloroethane
Concen: 54.508 ug/l
RT: 12.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 83 Resp: 33746

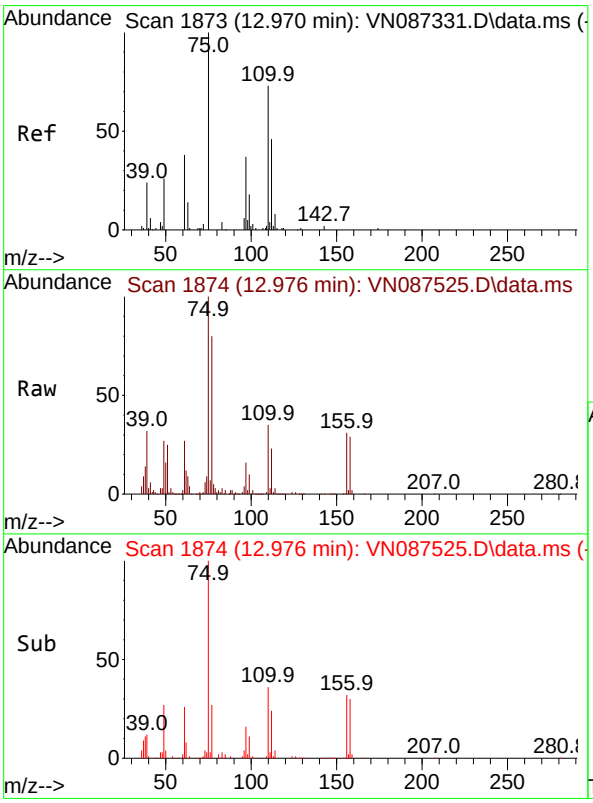
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.1	15.3
85	64.2	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

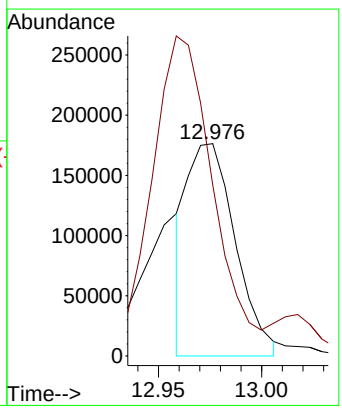
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

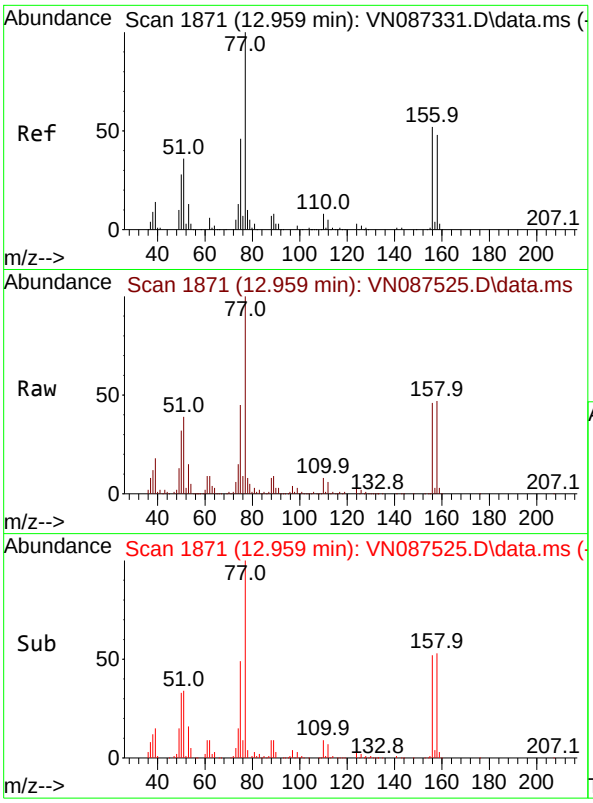


#76
1,2,3-Trichloropropane
Concen: 48.934 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 286863

Ion	Ratio	Lower	Upper
75	100		
77	192.1	94.5	283.6

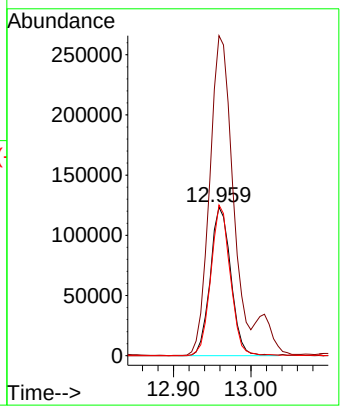




#77
Bromobenzene
Concen: 53.342 ug/l
RT: 12.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:156 Resp: 22761

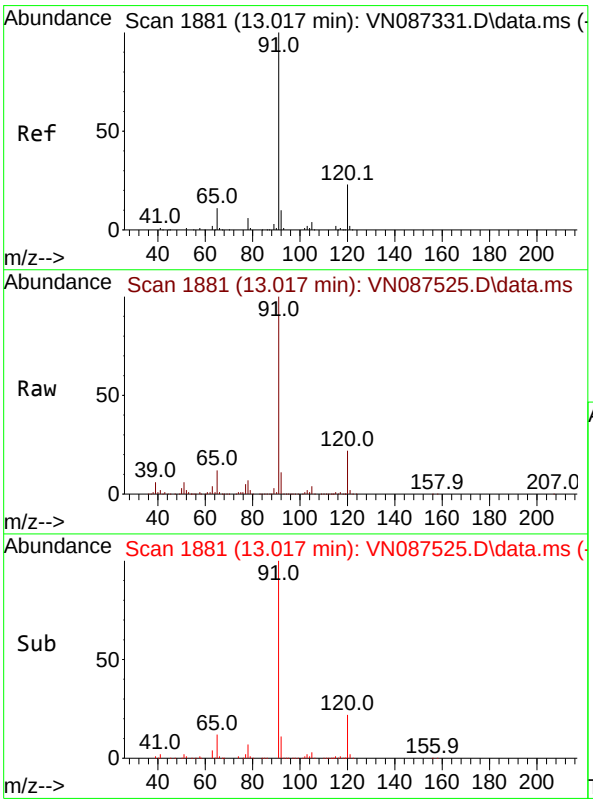
Ion	Ratio	Lower	Upper
156	100		
77	242.1	114.9	344.6
158	96.1	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

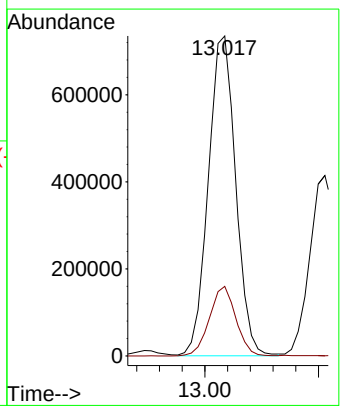
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

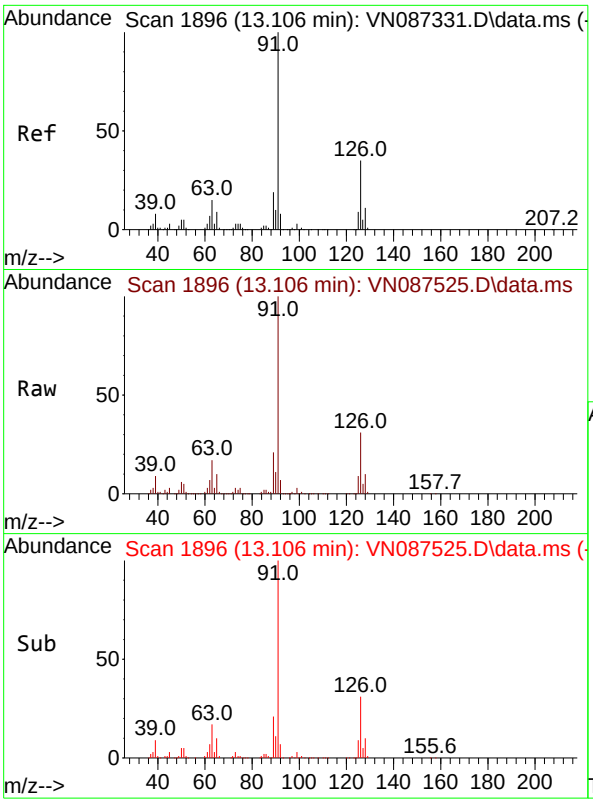


#78
n-propylbenzene
Concen: 59.467 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 1231036

Ion	Ratio	Lower	Upper
91	100		
120	21.0	11.3	33.8

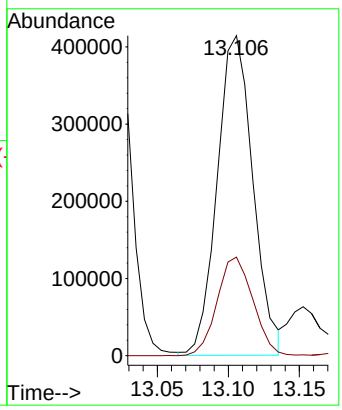




#79
2-Chlorotoluene
Concen: 57.031 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 72557

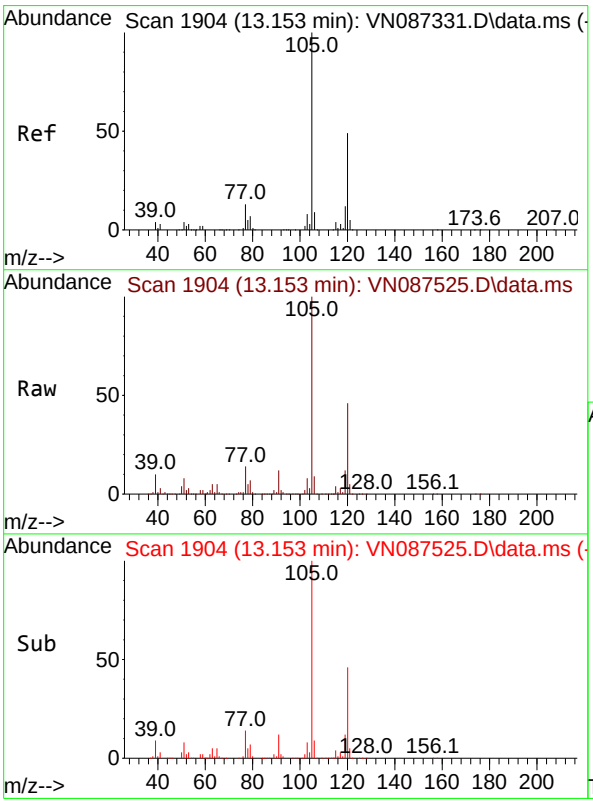
Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

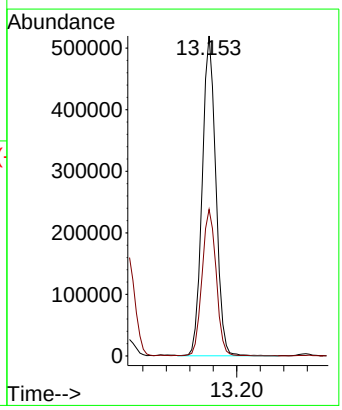
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

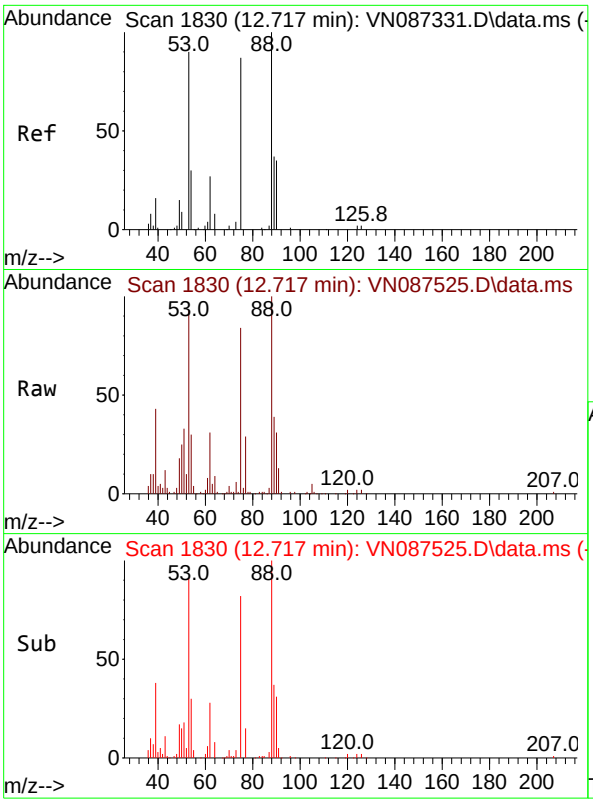


#80
1,3,5-Trimethylbenzene
Concen: 59.782 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:105 Resp: 838061

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.3	72.8

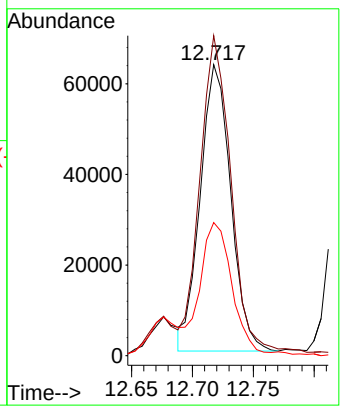




#81
trans-1,4-Dichloro-2-butene
Concen: 51.454 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 11024

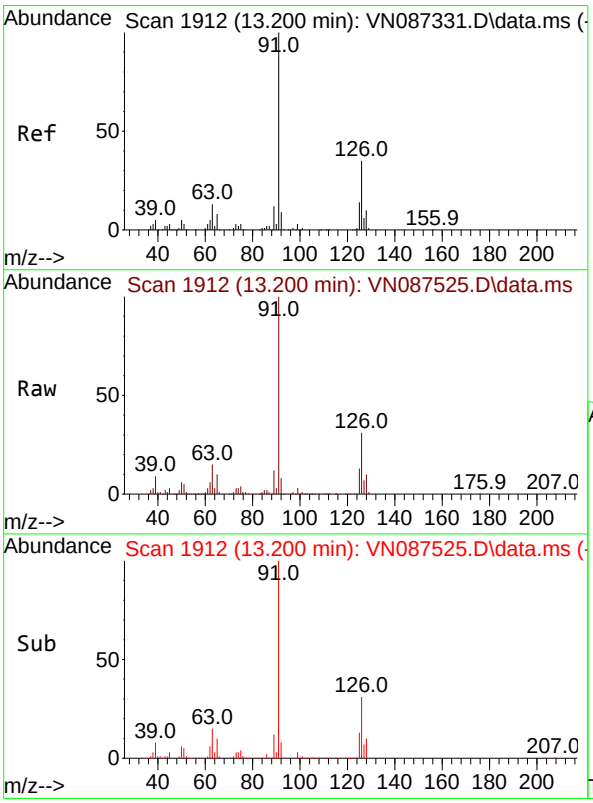
Ion	Ratio	Lower	Upper
75	100		
53	115.9	83.5	125.3
89	51.0	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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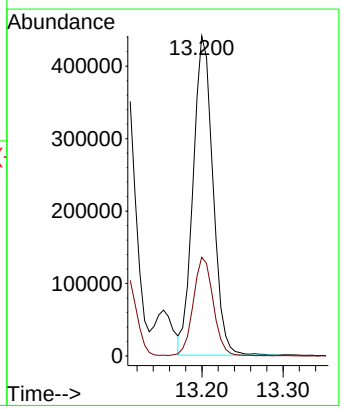
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

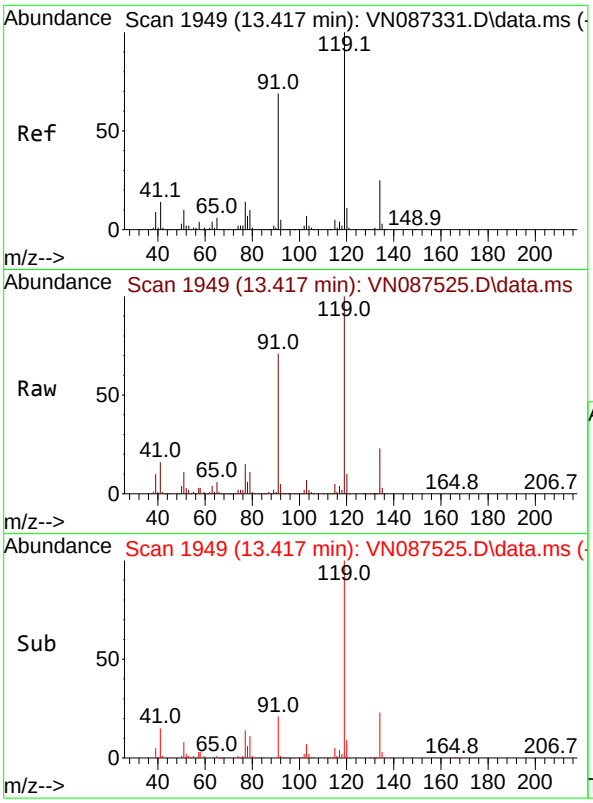


#82
4-Chlorotoluene
Concen: 56.480 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 748122

Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.6	49.7

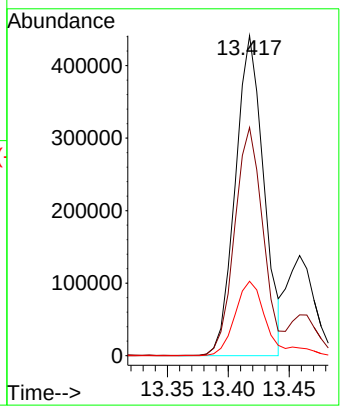




#83
tert-Butylbenzene
Concen: 61.085 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

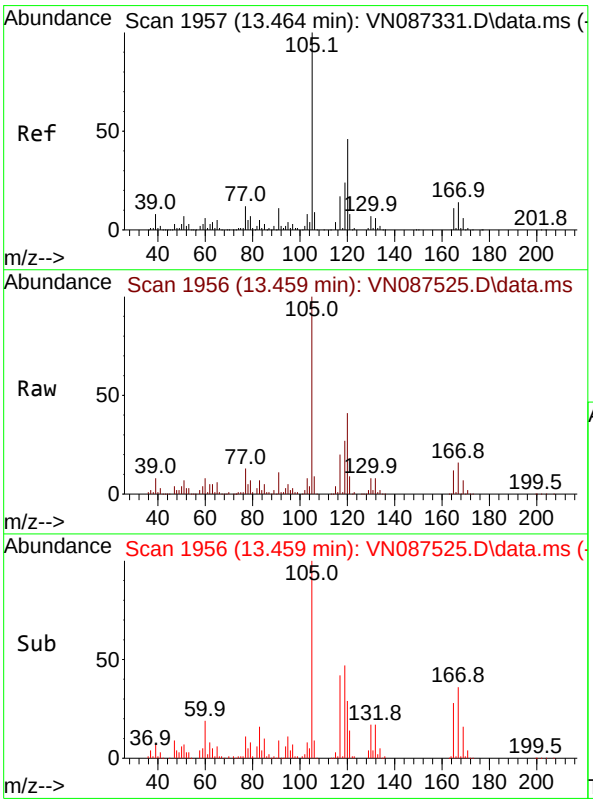
Tgt Ion:119 Resp: 71521

Ion	Ratio	Lower	Upper
119	100		
91	72.5	35.0	105.1
134	26.3	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

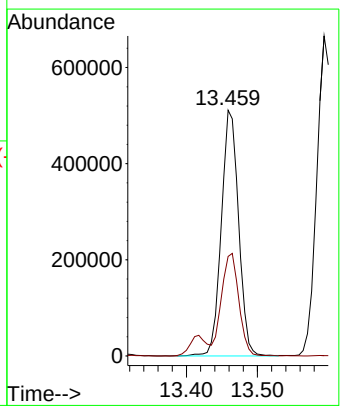
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

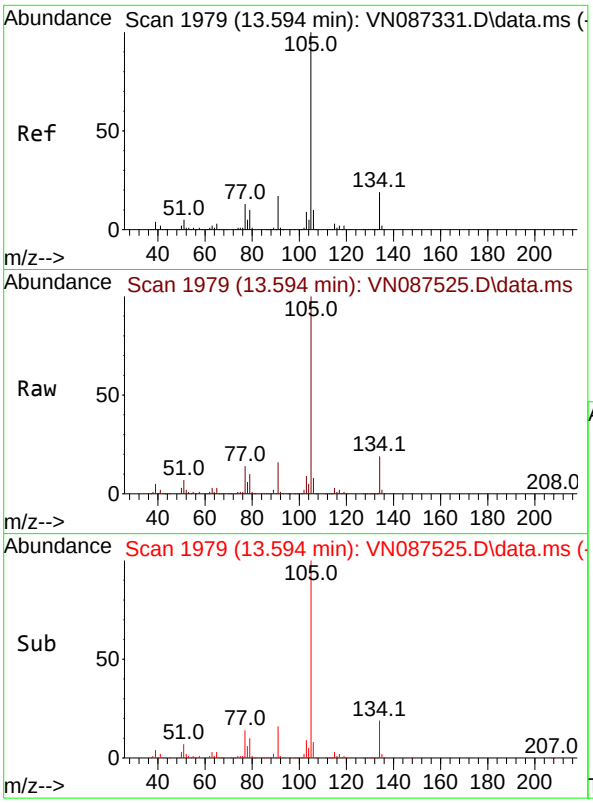


#84
1,2,4-Trimethylbenzene
Concen: 60.126 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:105 Resp: 860772

Ion	Ratio	Lower	Upper
105	100		
120	41.9	22.8	68.3

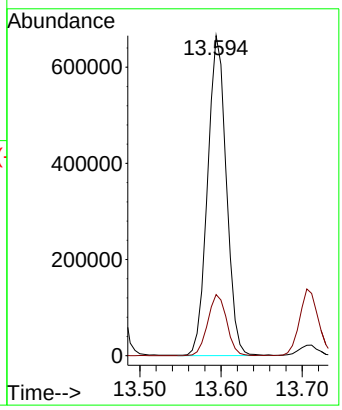




#85
sec-Butylbenzene
Concen: 60.493 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:105 Resp: 106686

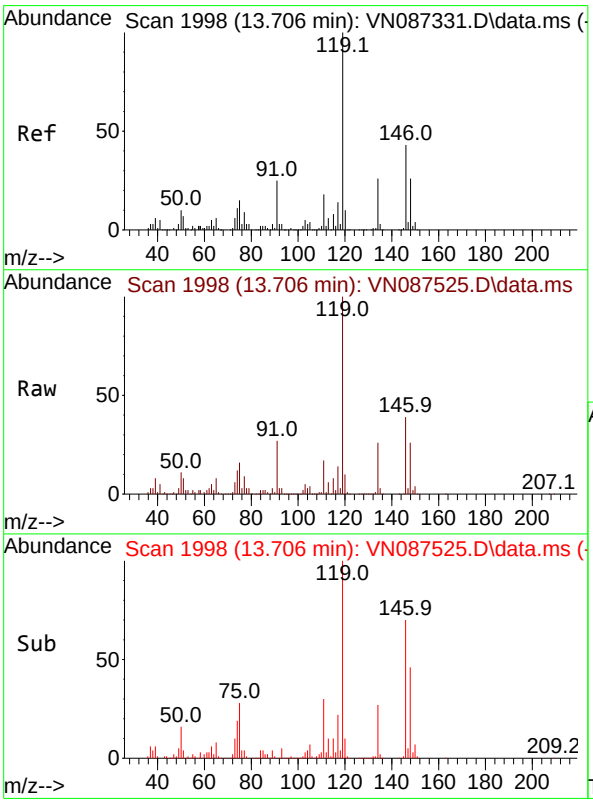
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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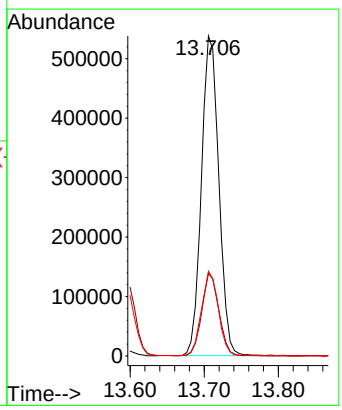
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

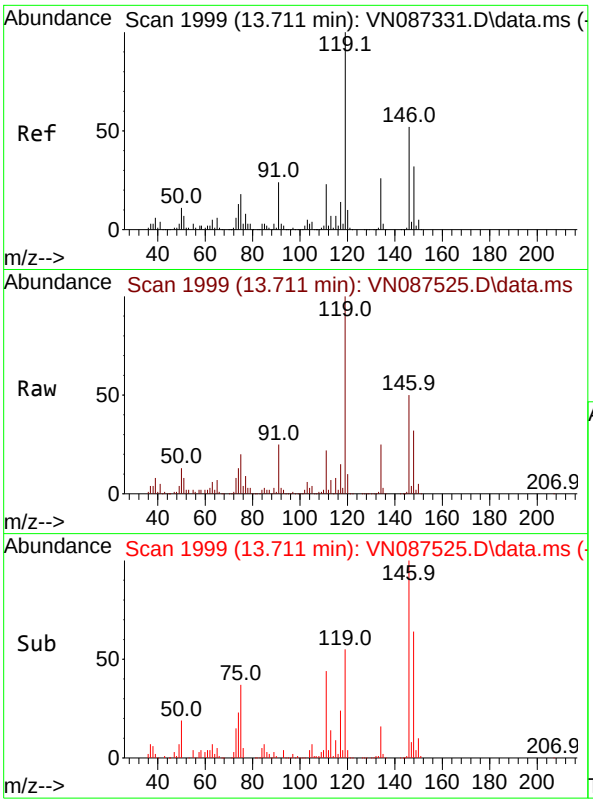


#86
p-Isopropyltoluene
Concen: 62.051 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:119 Resp: 877004

Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.5	40.5
91	25.8	12.2	36.6





#87
1,3-Dichlorobenzene
Concen: 52.590 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

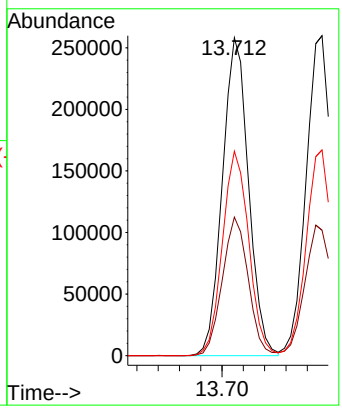
Tgt Ion:146 Resp: 44042

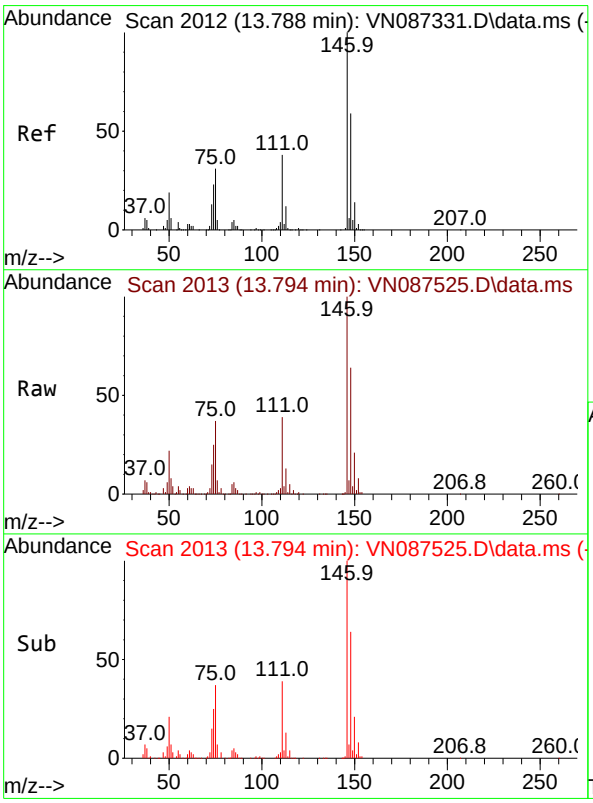
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	64.8	31.6	95.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

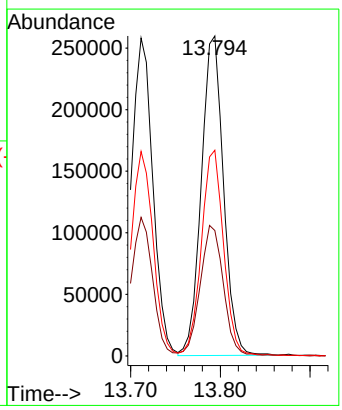


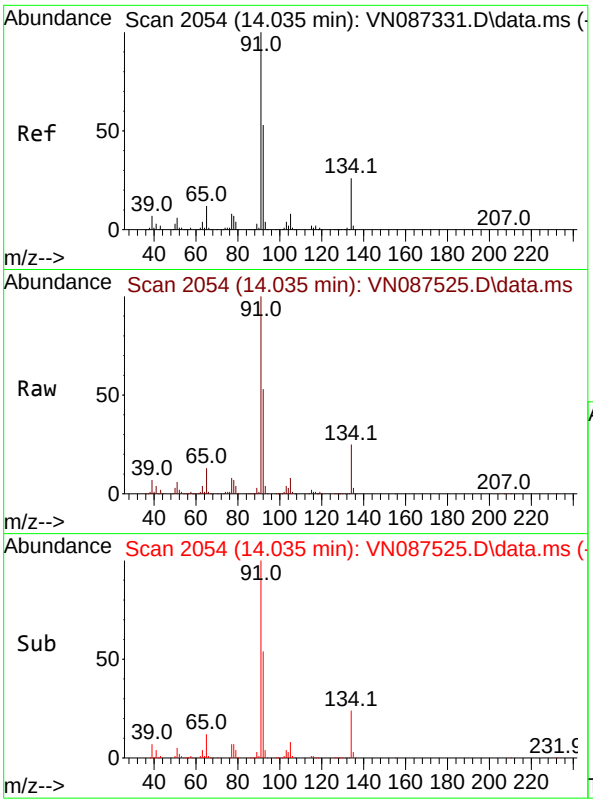


#88
1,4-Dichlorobenzene
Concen: 49.863 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:146 Resp: 445992

Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.6	58.7
148	64.5	31.4	94.0

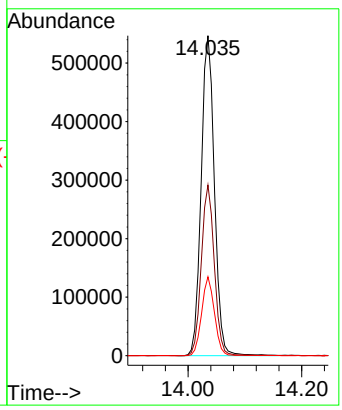




#89
n-Butylbenzene
Concen: 65.611 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 88546

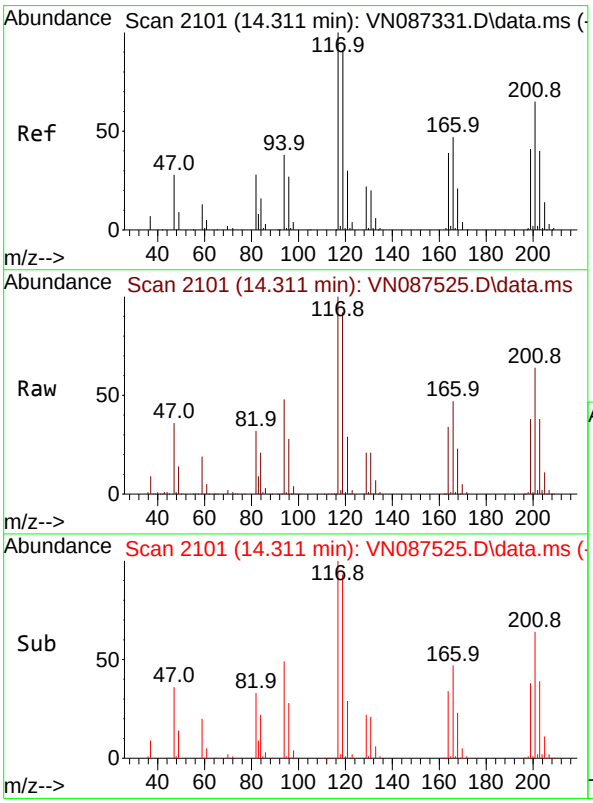
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	23.6	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

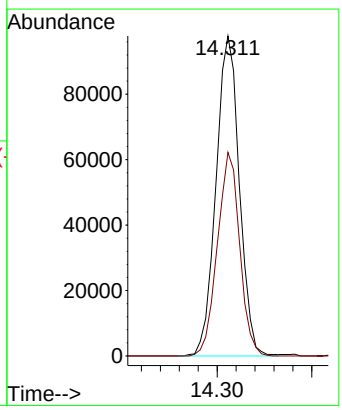
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

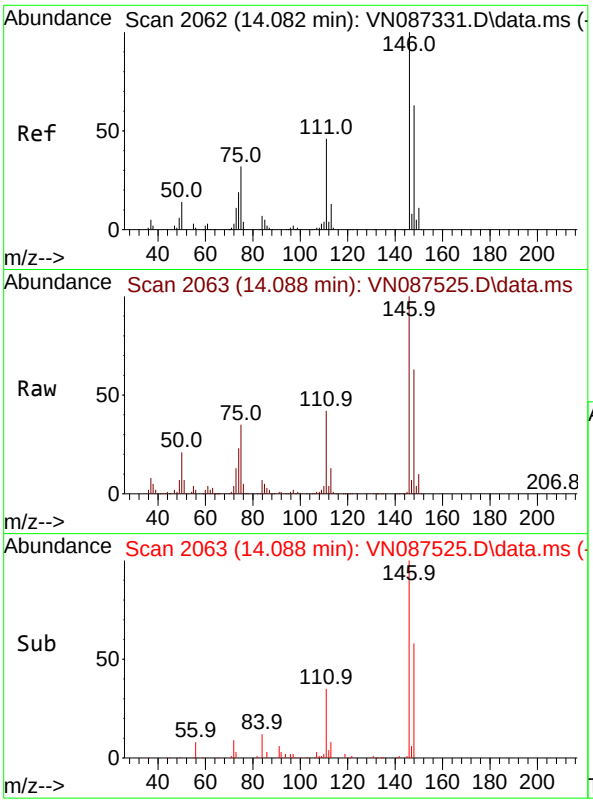


#90
Hexachloroethane
Concen: 55.901 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:117 Resp: 167399

Ion	Ratio	Lower	Upper
117	100		
201	60.7	32.8	98.4

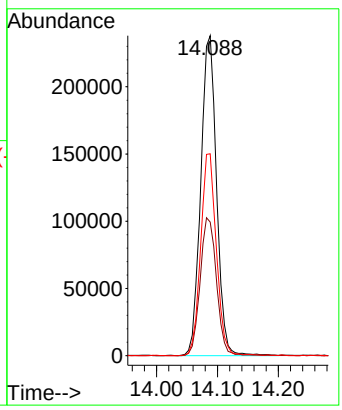




#91
1,2-Dichlorobenzene
Concen: 54.195 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:146 Resp: 42997

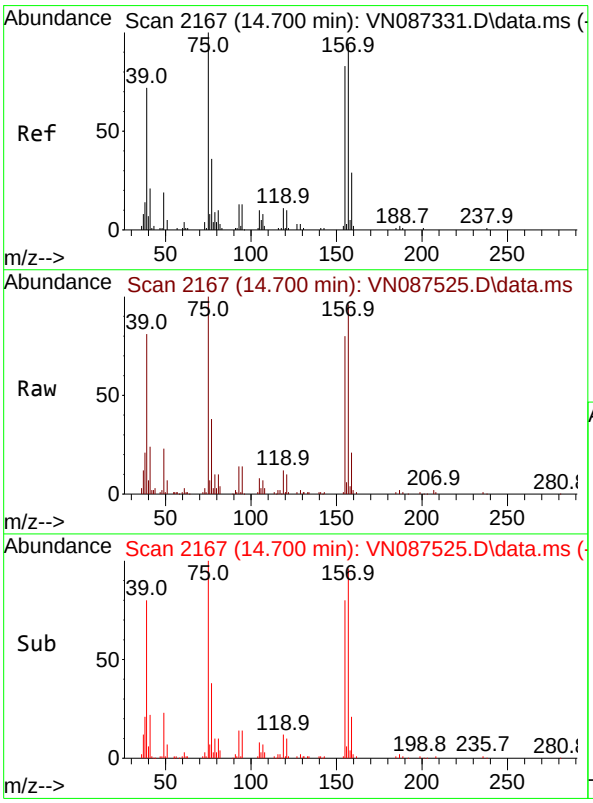
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.0	66.0
148	62.7	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

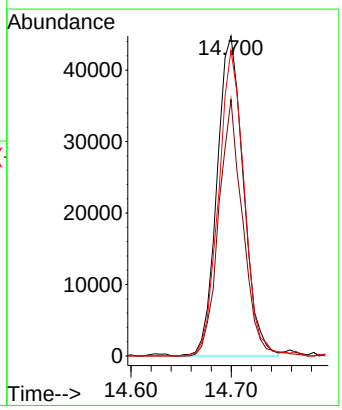
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

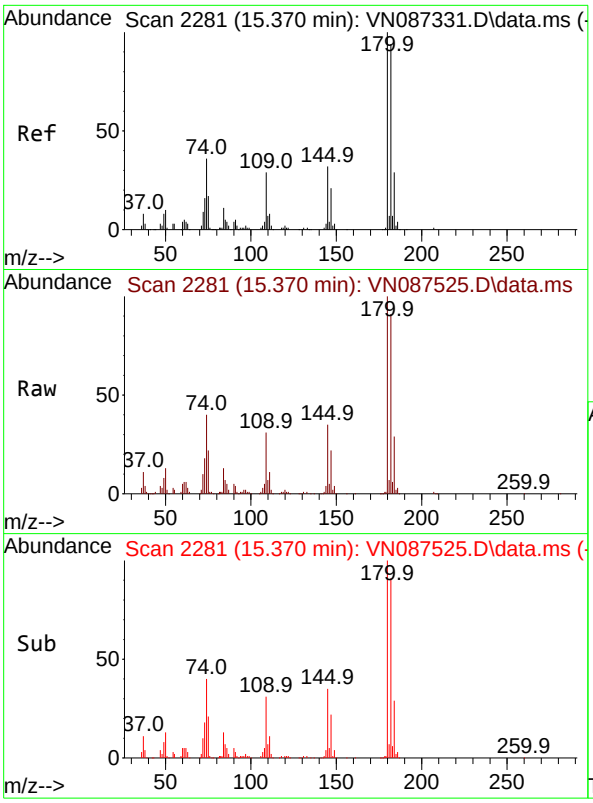


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.215 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 81622

Ion	Ratio	Lower	Upper
75	100		
155	73.0	37.3	111.8
157	93.0	46.2	138.6

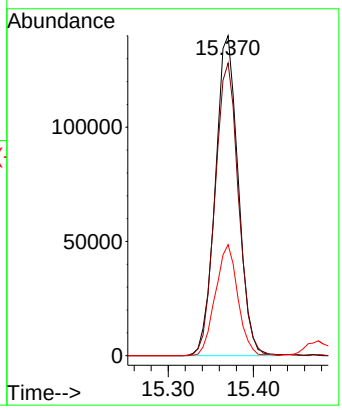




#93
1,2,4-Trichlorobenzene
Concen: 56.161 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:180 Resp: 26173

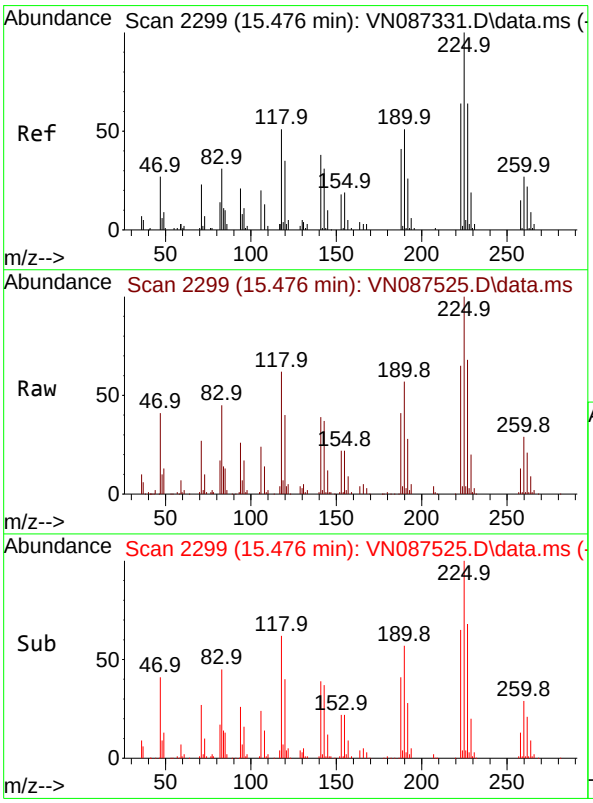
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	141.8
145	34.1	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

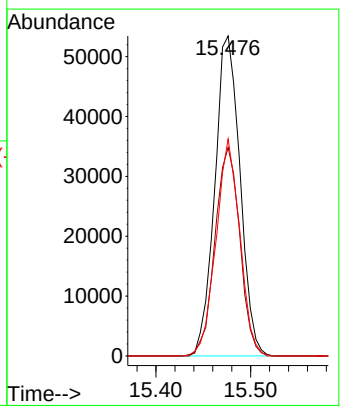
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

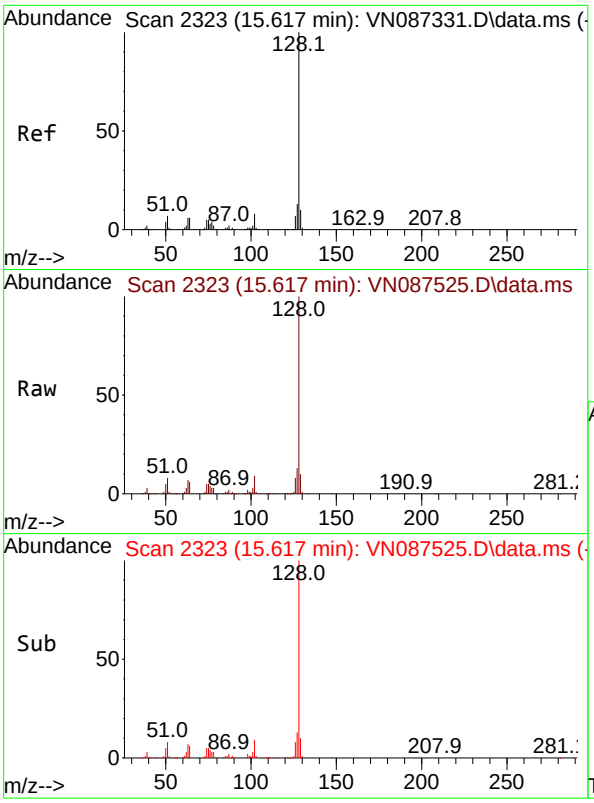


#94
Hexachlorobutadiene
Concen: 57.185 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:225 Resp: 99026

Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.1	96.3
227	63.9	31.3	93.9

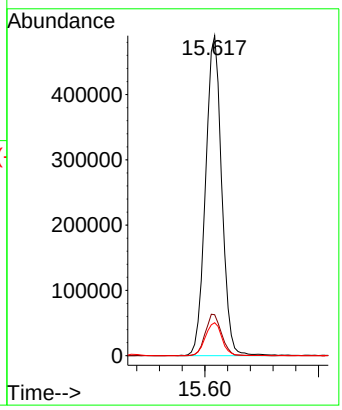




#95
Naphthalene
Concen: 58.414 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:128 Resp: 96441

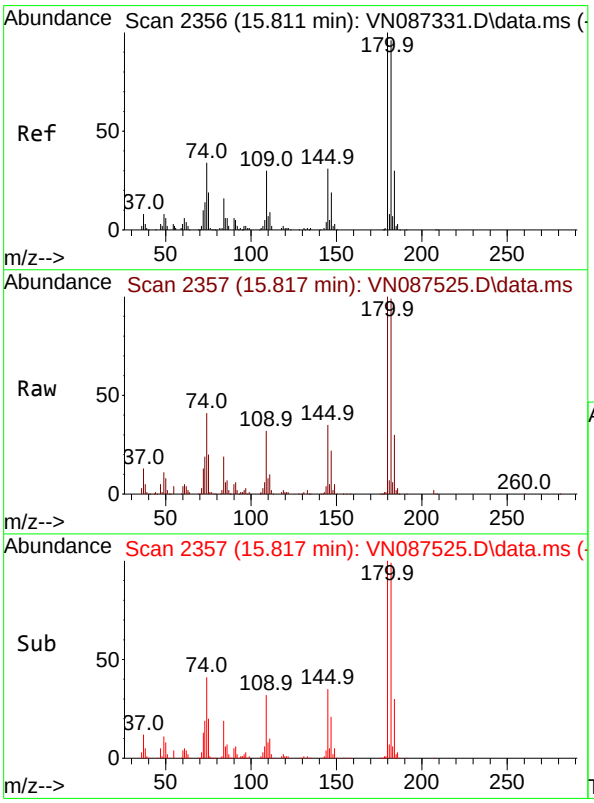
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.6	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

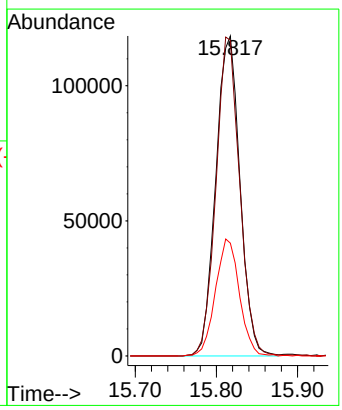
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.411 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087525.D
Acq: 13 Aug 2025 10:57

Tgt Ion:180 Resp: 245014

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.1	141.4
145	36.3	16.9	50.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	163#	0.00
2	T	Dichlorodifluoromethane	0.531	0.658	-23.9	172#	0.00
3	P	Chloromethane	0.668	0.624	6.6	148	0.00
4	C	Vinyl Chloride	0.664	0.717	-8.0#	161#	0.00
5	T	Bromomethane	0.344	0.393	-14.2	180#	0.00
6	T	Chloroethane	0.433	0.469	-8.3	173#	0.00
7	T	Trichlorofluoromethane	0.981	1.056	-7.6	168#	0.00
8	T	Diethyl Ether	0.381	0.460	-20.7	190#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.504	0.582	-15.5	181#	0.00
10	T	Methyl Iodide	0.452	0.411	9.1	136	0.00
11	T	Tert butyl alcohol	0.161	0.185	-14.9	187#	0.00
12	CM	1,1-Dichloroethene	0.571	0.567	0.7#	170#	0.00
13	T	Acrolein	0.129	0.145	-12.4	195#	0.00
14	T	Allyl chloride	1.033	1.091	-5.6	178#	0.00
15	T	Acrylonitrile	0.437	0.452	-3.4	163#	0.00
16	T	Acetone	0.398	0.442	-11.1	186#	0.00
17	T	Carbon Disulfide	1.693	1.611	4.8	151#	0.00
18	T	Methyl Acetate	0.999	1.175	-17.6	193#	0.00
19	T	Methyl tert-butyl Ether	2.104	2.478	-17.8	186#	0.00
20	T	Methylene Chloride	0.766	0.697	9.0	169#	0.00
21	T	trans-1,2-Dichloroethene	0.644	0.640	0.6	160#	0.00
22	T	Diisopropyl ether	2.167	2.533	-16.9	181#	0.00
23	T	Vinyl Acetate	1.895	2.326	-22.7	179#	0.00
24	P	1,1-Dichloroethane	1.250	1.290	-3.2	172#	0.00
25	T	2-Butanone	0.615	0.665	-8.1	168#	0.00
26	T	2,2-Dichloropropane	0.972	1.165	-19.9	193#	0.00
27	T	cis-1,2-Dichloroethene	0.741	0.798	-7.7	169#	0.00
28	T	Bromochloromethane	0.598	0.631	-5.5	173#	0.00
29	T	Tetrahydrofuran	0.399	0.437	-9.5	167#	0.00
30	C	Chloroform	1.251	1.367	-9.3#	174#	0.00
31	T	Cyclohexane	1.043	1.135	-8.8	177#	0.00
32	T	1,1,1-Trichloroethane	1.084	1.177	-8.6	177#	0.00
33	S	1,2-Dichloroethane-d4	0.848	0.898	-5.9	182#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	172#	0.00
35	S	Dibromofluoromethane	0.345	0.337	2.3	175#	0.00
36	T	1,1-Dichloropropene	0.456	0.480	-5.3	170#	0.00
37	T	Ethyl Acetate	0.658	0.683	-3.8	166#	0.00
38	T	Carbon Tetrachloride	0.502	0.519	-3.4	173#	0.00
39	T	Methylcyclohexane	0.493	0.590	-19.7	192#	0.00
40	TM	Benzene	1.473	1.499	-1.8	166#	0.00
41	T	Methacrylonitrile	0.344	0.388	-12.8	181#	0.00
42	TM	1,2-Dichloroethane	0.558	0.597	-7.0	181#	0.00
43	T	Isopropyl Acetate	1.022	1.147	-12.2	184#	0.00
44	TM	Trichloroethene	0.348	0.342	1.7	165#	0.00
45	C	1,2-Dichloropropane	0.374	0.384	-2.7#	167#	0.00
46	T	Dibromomethane	0.280	0.292	-4.3	174#	0.00
47	T	Bromodichloromethane	0.564	0.602	-6.7	182#	0.00
48	T	Methyl methacrylate	0.460	0.560	-21.7	191#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.008	-14.3	167#	0.00
50	S	Toluene-d8	1.230	1.204	2.1	169#	0.00
51	T	4-Methyl-2-Pentanone	0.646	0.703	-8.8	175#	0.00
52	CM	Toluene	0.895	0.934	-4.4#	167#	0.00
53	T	t-1,3-Dichloropropene	0.571	0.649	-13.7	180#	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.658	-11.5	179#	0.00
55	T	1,1,2-Trichloroethane	0.362	0.378	-4.4	177#	0.00
56	T	Ethyl methacrylate	0.552	0.663	-20.1	182#	0.00
57	T	1,3-Dichloropropane	0.627	0.660	-5.3	173#	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.366	-23.2	182#	0.00
59	T	2-Hexanone	0.429	0.483	-12.6	168#	0.00
60	T	Dibromochloromethane	0.413	0.441	-6.8	176#	0.00
61	T	1,2-Dibromoethane	0.381	0.403	-5.8	180#	0.00
62	S	4-Bromofluorobenzene	0.455	0.470	-3.3	178#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	169#	0.00
64	T	Tetrachloroethene	0.322	0.306	5.0	161#	0.00
65	PM	Chlorobenzene	1.123	1.142	-1.7	172#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.382	0.398	-4.2	171#	0.00
67	C	Ethyl Benzene	1.848	2.026	-9.6#	176#	0.00
68	T	m/p-Xylenes	0.692	0.755	-9.1	168#	0.00
69	T	o-Xylene	0.661	0.736	-11.3	172#	0.00
70	T	Styrene	1.112	1.278	-14.9	172#	0.00
71	P	Bromoform	0.308	0.318	-3.2	164#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	165#	0.00
73	T	Isopropylbenzene	3.147	3.734	-18.7	181#	0.00
74	T	N-amyl acetate	1.307	1.213	7.2	176#	0.01
75	P	1,1,2,2-Tetrachloroethane	1.184	1.291	-9.0	176#	0.00
76	T	1,2,3-Trichloropropane	1.121	1.097	2.1	152#	0.00
77	T	Bromobenzene	0.816	0.871	-6.7	165#	0.00
78	T	n-propylbenzene	3.959	4.709	-18.9	181#	0.00
79	T	2-Chlorotoluene	2.433	2.775	-14.1	181#	0.00
80	T	1,3,5-Trimethylbenzene	2.681	3.206	-19.6	181#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.410	0.422	-2.9	172#	0.00
82	T	4-Chlorotoluene	2.533	2.862	-13.0	178#	0.00
83	T	tert-Butylbenzene	2.239	2.736	-22.2	186#	0.00
84	T	1,2,4-Trimethylbenzene	2.738	3.293	-20.3	181#	0.00
85	T	sec-Butylbenzene	3.373	4.081	-21.0	189#	0.00
86	T	p-Isopropyltoluene	2.703	3.355	-24.1	185#	0.00
87	T	1,3-Dichlorobenzene	1.602	1.685	-5.2	168#	0.00
88	T	1,4-Dichlorobenzene	1.711	1.706	0.3	165#	0.00
89	T	n-Butylbenzene	2.581	3.387	-31.2#	202#	0.00
90	T	Hexachloroethane	0.573	0.640	-11.7	183#	0.00
91	T	1,2-Dichlorobenzene	1.517	1.645	-8.4	172#	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.312	-0.3	170#	0.00
93	T	1,2,4-Trichlorobenzene	0.891	1.001	-12.3	176#	0.00
94	T	Hexachlorobutadiene	0.331	0.379	-14.5	190#	0.00
95	T	Naphthalene	3.158	3.689	-16.8	177#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	0.894	0.937	-4.8	168#	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	163	0.00
2	T	Dichlorodifluoromethane	50.000	61.914	-23.8	172	0.00
3	P	Chloromethane	50.000	46.740	6.5	148	0.00
4	C	Vinyl Chloride	50.000	54.022	-8.0#	161	0.00
5	T	Bromomethane	50.000	57.184	-14.4	180	0.00
6	T	Chloroethane	50.000	54.196	-8.4	173	0.00
7	T	Trichlorofluoromethane	50.000	53.781	-7.6	168	0.00
8	T	Diethyl Ether	50.000	60.389	-20.8	190	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.720	-15.4	181	0.00
10	T	Methyl Iodide	50.000	40.808	18.4	136	0.00
11	T	Tert butyl alcohol	250.000	286.357	-14.5	187	0.00
12	CM	1,1-Dichloroethene	50.000	49.669	0.7#	170	0.00
13	T	Acrolein	250.000	280.207	-12.1	195	0.00
14	T	Allyl chloride	50.000	52.801	-5.6	178	0.00
15	T	Acrylonitrile	250.000	258.773	-3.5	163	0.00
16	T	Acetone	250.000	277.621	-11.0	186	0.00
17	T	Carbon Disulfide	50.000	47.578	4.8	151	0.00
18	T	Methyl Acetate	50.000	58.763	-17.5	193	0.00
19	T	Methyl tert-butyl Ether	50.000	58.885	-17.8	186	0.00
20	T	Methylene Chloride	50.000	51.839	-3.7	169	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.703	0.6	160	0.00
22	T	Diisopropyl ether	50.000	58.441	-16.9	181	0.00
23	T	Vinyl Acetate	250.000	306.836	-22.7	179	0.00
24	P	1,1-Dichloroethane	50.000	51.586	-3.2	172	0.00
25	T	2-Butanone	250.000	270.516	-8.2	168	0.00
26	T	2,2-Dichloropropane	50.000	59.940	-19.9	193	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.808	-7.6	169	0.00
28	T	Bromochloromethane	50.000	52.751	-5.5	173	0.00
29	T	Tetrahydrofuran	250.000	273.374	-9.3	167	0.00
30	C	Chloroform	50.000	54.606	-9.2#	174	0.00
31	T	Cyclohexane	50.000	54.405	-8.8	177	0.00
32	T	1,1,1-Trichloroethane	50.000	54.317	-8.6	177	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.900	-5.8	182	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	172	0.00
35	S	Dibromofluoromethane	50.000	48.926	2.1	175	0.00
36	T	1,1-Dichloropropene	50.000	52.704	-5.4	170	0.00
37	T	Ethyl Acetate	50.000	51.872	-3.7	166	0.00
38	T	Carbon Tetrachloride	50.000	51.679	-3.4	173	0.00
39	T	Methylcyclohexane	50.000	59.801	-19.6	192	0.00
40	TM	Benzene	50.000	50.887	-1.8	166	0.00
41	T	Methacrylonitrile	50.000	56.377	-12.8	181	0.00
42	TM	1,2-Dichloroethane	50.000	53.444	-6.9	181	0.00
43	T	Isopropyl Acetate	50.000	56.154	-12.3	184	0.00
44	TM	Trichloroethene	50.000	49.195	1.6	165	0.00
45	C	1,2-Dichloropropane	50.000	51.319	-2.6#	167	0.00
46	T	Dibromomethane	50.000	52.067	-4.1	174	0.00
47	T	Bromodichloromethane	50.000	53.322	-6.6	182	0.00
48	T	Methyl methacrylate	50.000	60.829	-21.7	191	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	1099.339	-9.9	167	0.00
50	S	Toluene-d8	50.000	48.931	2.1	169	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.168	-8.9	175	0.00
52	CM	Toluene	50.000	52.162	-4.3#	167	0.00
53	T	t-1,3-Dichloropropene	50.000	56.856	-13.7	180	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.797	-11.6	179	0.00
55	T	1,1,2-Trichloroethane	50.000	52.209	-4.4	177	0.00
56	T	Ethyl methacrylate	50.000	54.181	-8.4	182	0.00
57	T	1,3-Dichloropropane	50.000	52.670	-5.3	173	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	308.170	-23.3	182	0.00
59	T	2-Hexanone	250.000	281.390	-12.6	168	0.00
60	T	Dibromochloromethane	50.000	53.325	-6.7	176	0.00
61	T	1,2-Dibromoethane	50.000	52.906	-5.8	180	0.00
62	S	4-Bromofluorobenzene	50.000	51.735	-3.5	178	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	169	0.00
64	T	Tetrachloroethene	50.000	47.598	4.8	161	0.00
65	PM	Chlorobenzene	50.000	50.858	-1.7	172	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.143	-4.3	171	0.00
67	C	Ethyl Benzene	50.000	54.824	-9.6#	176	0.00
68	T	m/p-Xylenes	100.000	109.123	-9.1	168	0.00
69	T	o-Xylene	50.000	55.701	-11.4	172	0.00
70	T	Styrene	50.000	57.479	-15.0	172	0.00
71	P	Bromoform	50.000	51.623	-3.2	164	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	165	0.00
73	T	Isopropylbenzene	50.000	59.336	-18.7	181	0.00
74	T	N-amyl acetate	50.000	46.390	7.2	176	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	54.508	-9.0	176	0.00
76	T	1,2,3-Trichloropropane	50.000	48.934	2.1	152	0.00
77	T	Bromobenzene	50.000	53.342	-6.7	165	0.00
78	T	n-propylbenzene	50.000	59.467	-18.9	181	0.00
79	T	2-Chlorotoluene	50.000	57.031	-14.1	181	0.00
80	T	1,3,5-Trimethylbenzene	50.000	59.782	-19.6	181	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.454	-2.9	172	0.00
82	T	4-Chlorotoluene	50.000	56.480	-13.0	178	0.00
83	T	tert-Butylbenzene	50.000	61.085	-22.2	186	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.126	-20.3	181	0.00
85	T	sec-Butylbenzene	50.000	60.493	-21.0	189	0.00
86	T	p-Isopropyltoluene	50.000	62.051	-24.1	185	0.00
87	T	1,3-Dichlorobenzene	50.000	52.590	-5.2	168	0.00
88	T	1,4-Dichlorobenzene	50.000	49.863	0.3	165	0.00
89	T	n-Butylbenzene	50.000	65.611	-31.2#	202	0.00
90	T	Hexachloroethane	50.000	55.901	-11.8	183	0.00
91	T	1,2-Dichlorobenzene	50.000	54.195	-8.4	172	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.215	-0.4	170	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.161	-12.3	176	0.00
94	T	Hexachlorobutadiene	50.000	57.185	-14.4	190	0.00
95	T	Naphthalene	50.000	58.414	-16.8	177	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087525.D
Acq On : 13 Aug 2025 10:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Aug 14 03:55:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 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	52.411	-4.8	168	0.00

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

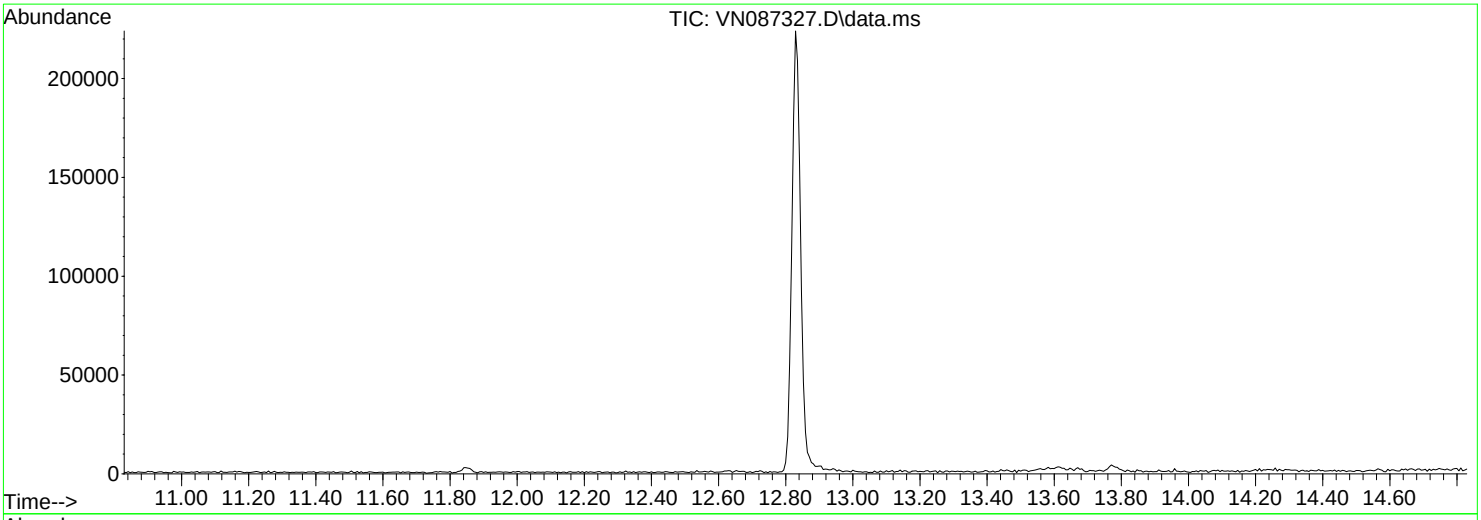
QC SAMPLE DATA

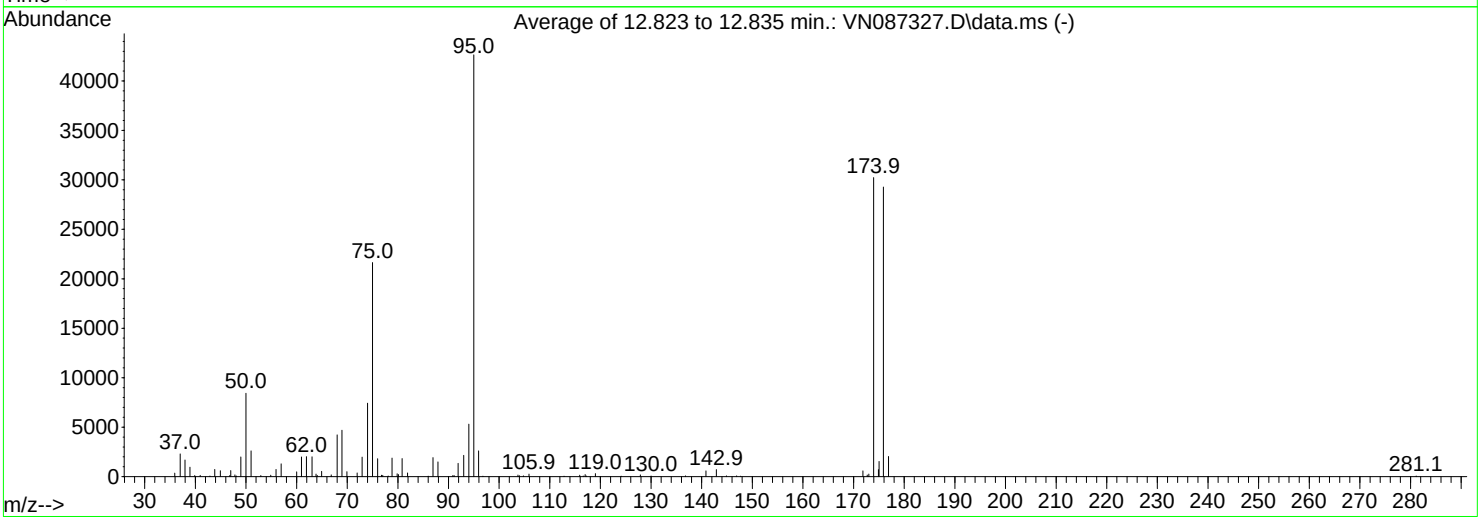
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Data File : VN087327.D
Acq On : 16 Jul 2025 16:10
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025





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

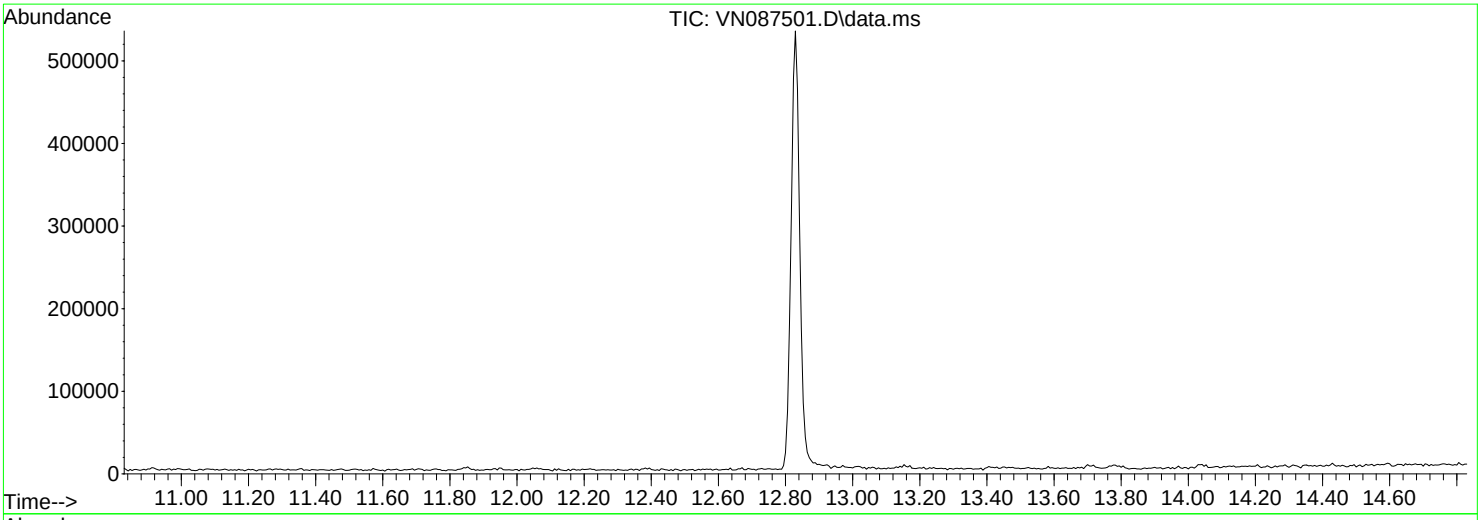
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	8426	PASS
75	95	30	60	50.8	21643	PASS
95	95	100	100	100.0	42640	PASS
96	95	5	9	6.1	2612	PASS
173	174	0.00	2	0.8	255	PASS
174	95	50	100	70.9	30229	PASS
175	174	5	9	5.1	1538	PASS
176	174	95	101	96.9	29285	PASS
177	176	5	9	7.0	2046	PASS

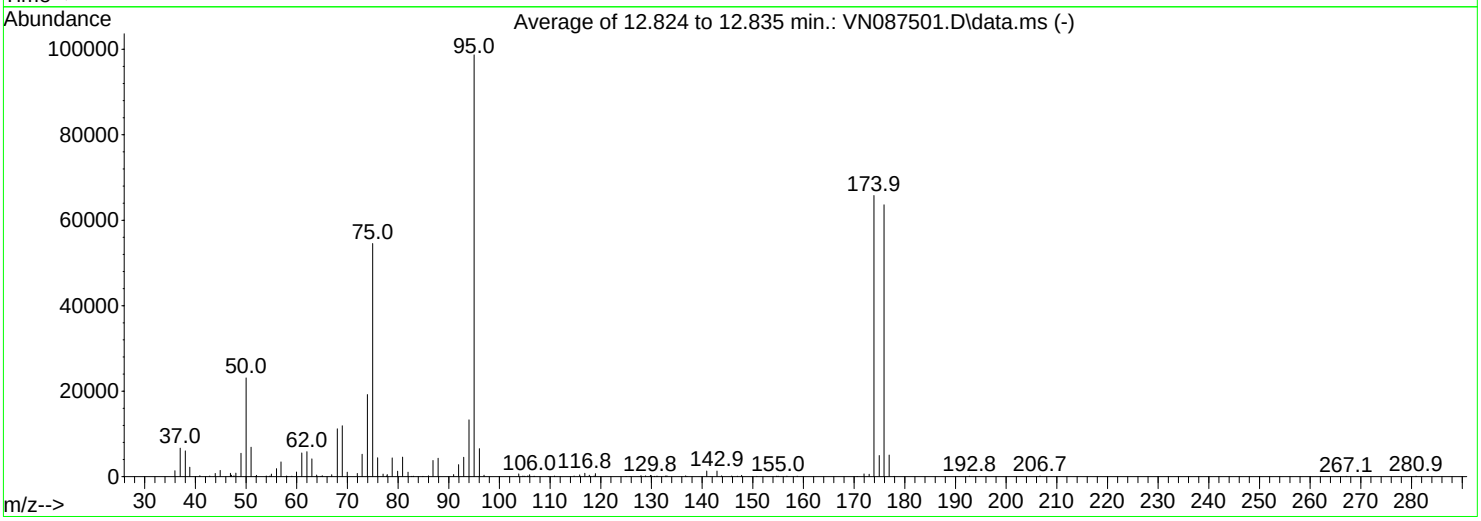
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087501.D
Acq On : 12 Aug 2025 07:57
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 2025





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

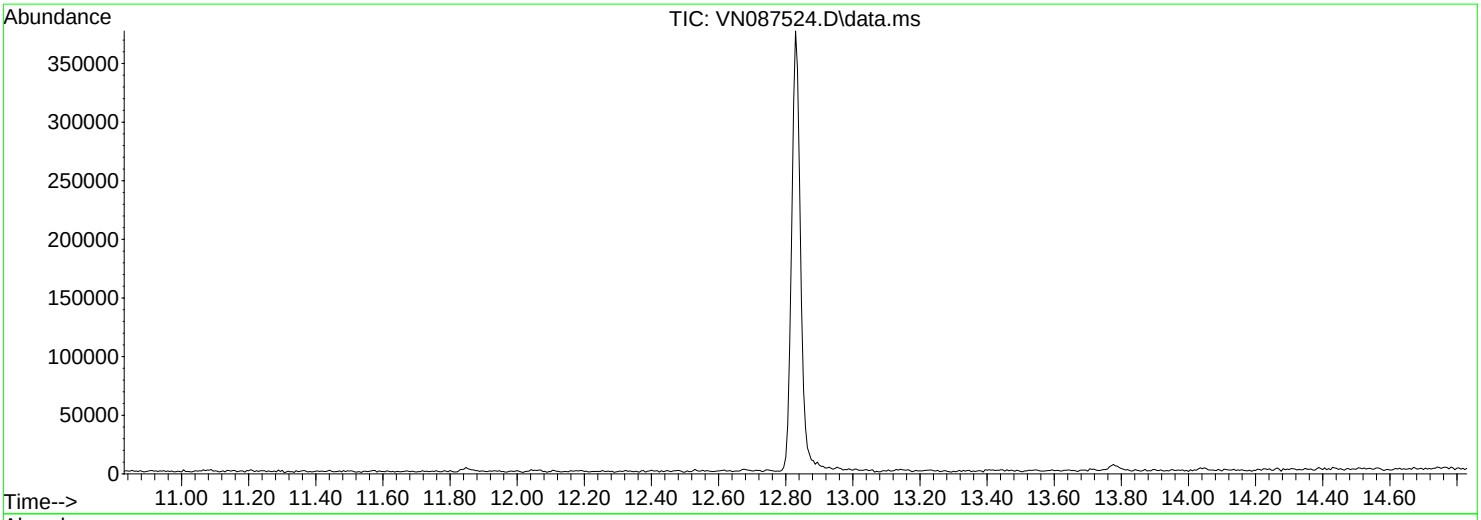
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	23109	PASS
75	95	30	60	55.3	54557	PASS
95	95	100	100	100.0	98707	PASS
96	95	5	9	6.6	6558	PASS
173	174	0.00	2	0.9	578	PASS
174	95	50	100	66.6	65784	PASS
175	174	5	9	7.5	4946	PASS
176	174	95	101	96.7	63619	PASS
177	176	5	9	7.9	5043	PASS

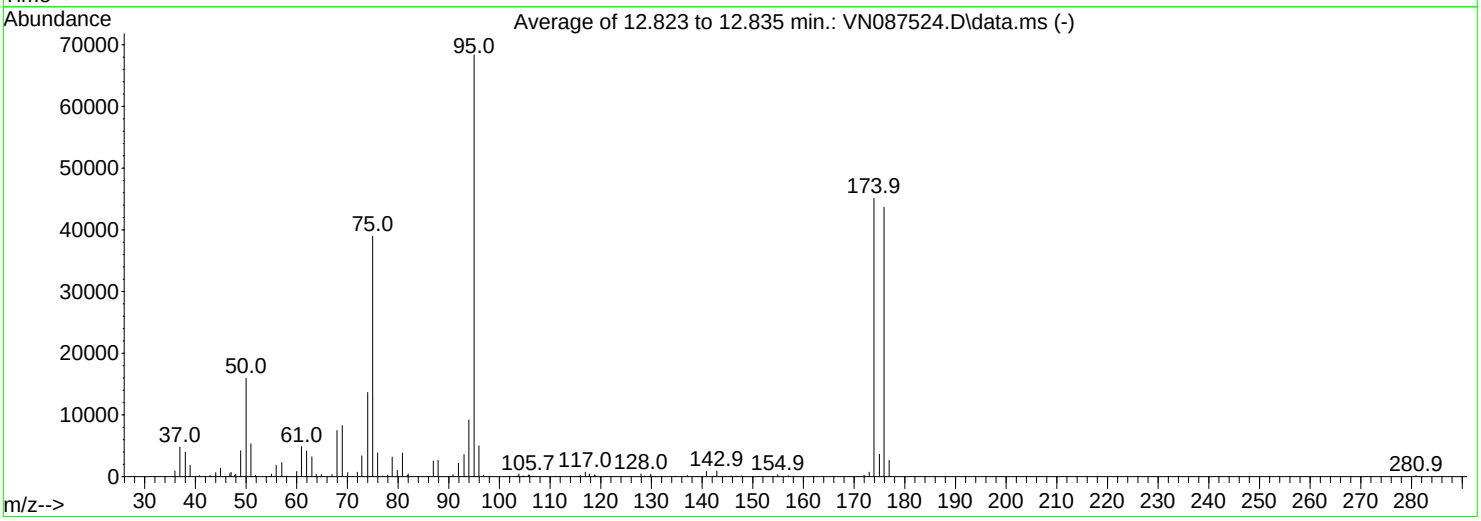
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087524.D
Acq On : 13 Aug 2025 09:04
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Title : SW846 8260
Last Update : Thu Jul 17 02:56:13 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	23.3	15951	PASS
75	95	30	60	57.0	38971	PASS
95	95	100	100	100.0	68368	PASS
96	95	5	9	7.3	5004	PASS
173	174	0.00	2	1.6	725	PASS
174	95	50	100	66.0	45131	PASS
175	174	5	9	8.0	3631	PASS
176	174	95	101	96.8	43667	PASS
177	176	5	9	6.0	2620	PASS

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.4		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	8.212			
540-36-3	1,4-Difluorobenzene	578000	9.083			
3114-55-4	Chlorobenzene-d5	522000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	242000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087504.D	1	08/12/25 11:07	VN081225

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\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Time: Aug 13 03:00:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

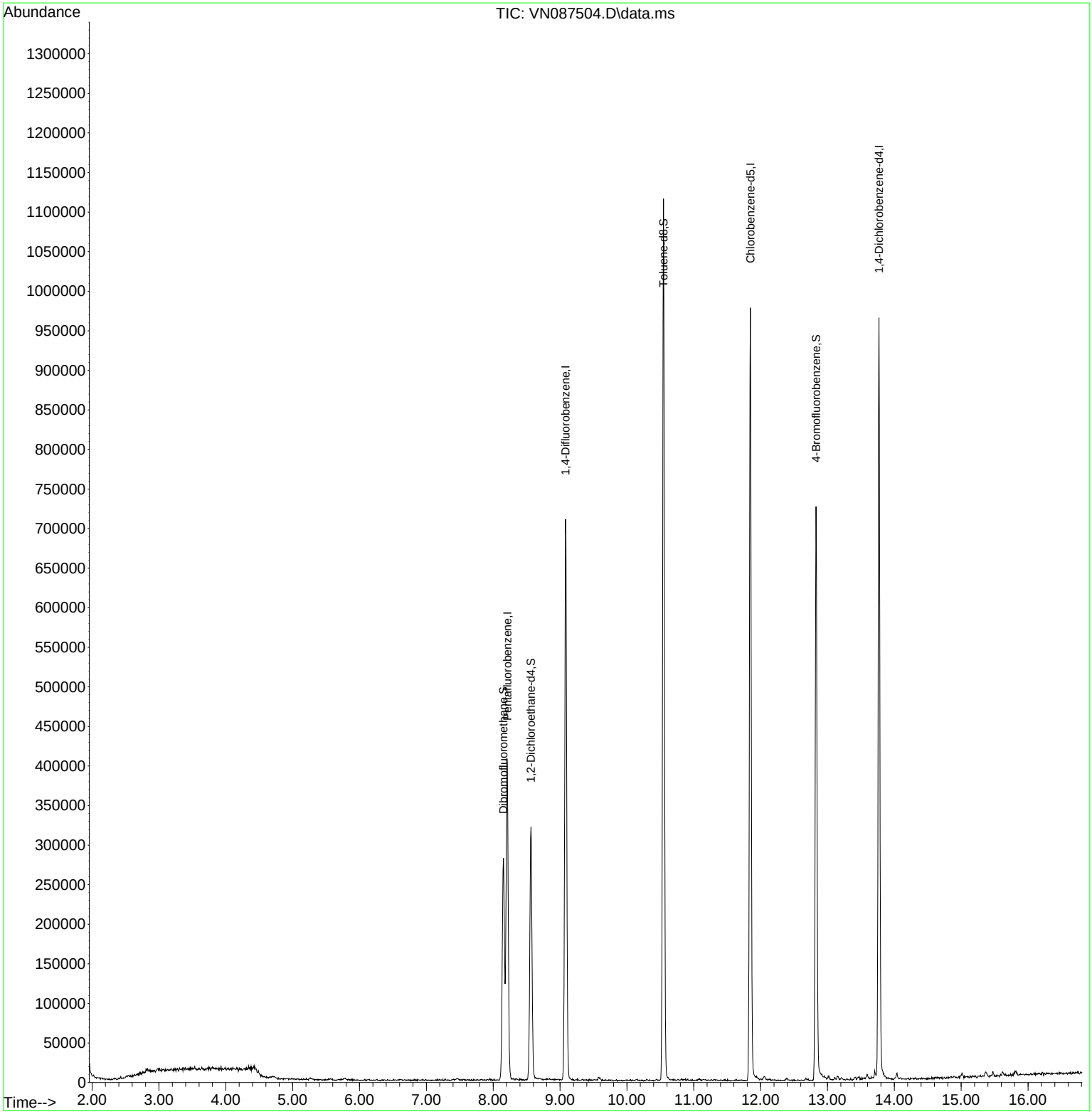
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	271221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	578160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	521832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	242445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	268632	58.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.740%			
35) Dibromofluoromethane	8.153	113	200423	50.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.547	98	730025	51.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.829	95	263428	50.120	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds						Qvalue

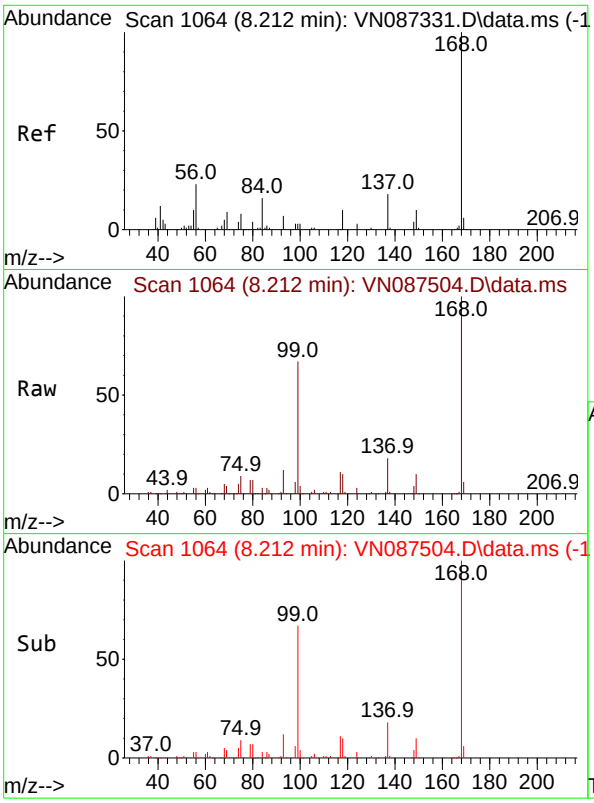
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Time: Aug 13 03:00:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



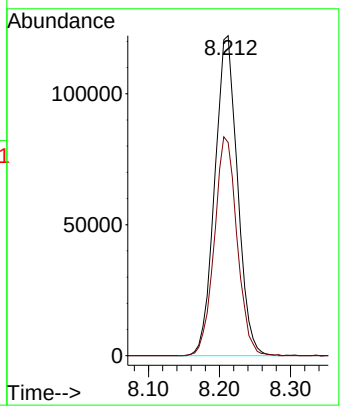


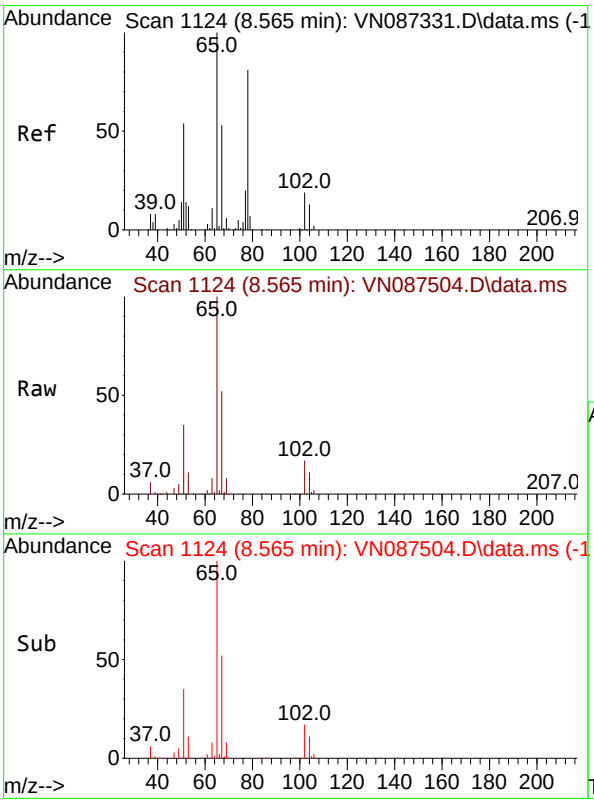
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:168 Resp: 271221

Ion	Ratio	Lower	Upper
168	100		
99	66.6	47.9	71.9

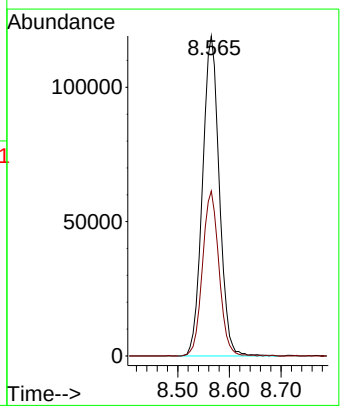


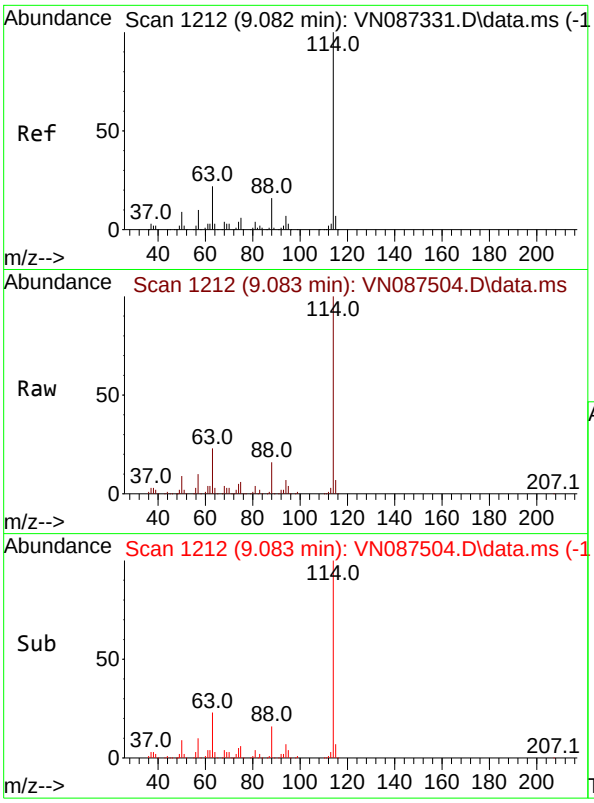


#33
1,2-Dichloroethane-d4
Concen: 58.372 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion: 65 Resp: 268632

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.0



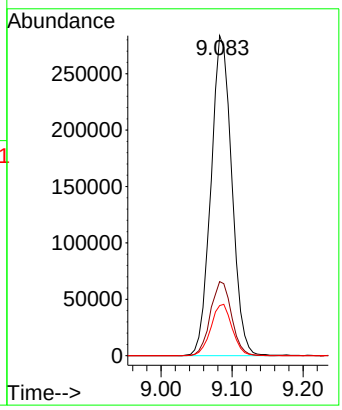


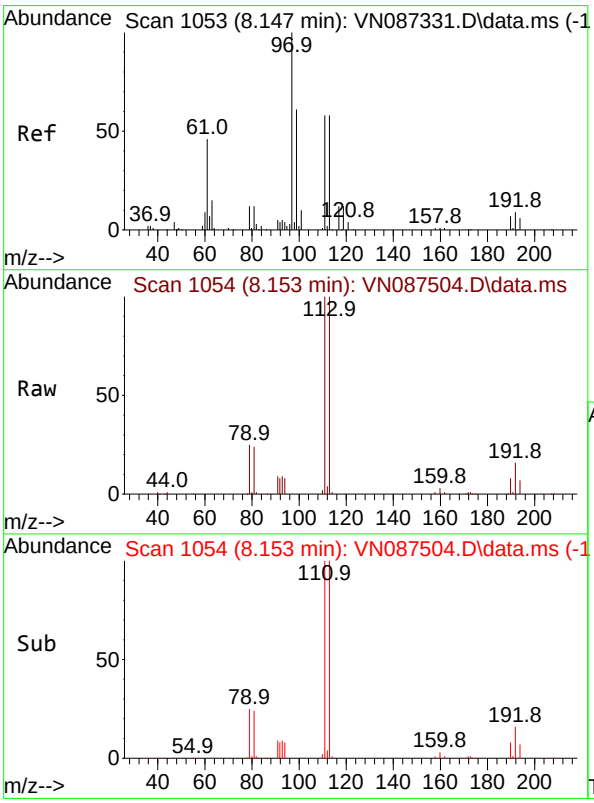
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:114 Resp: 578160

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.6
88	15.6	0.0	32.8

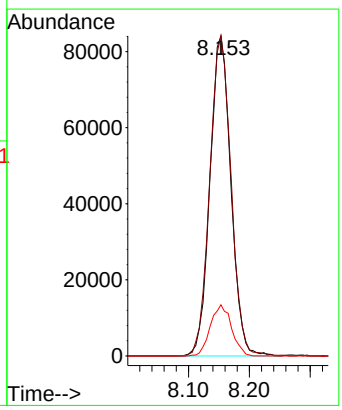


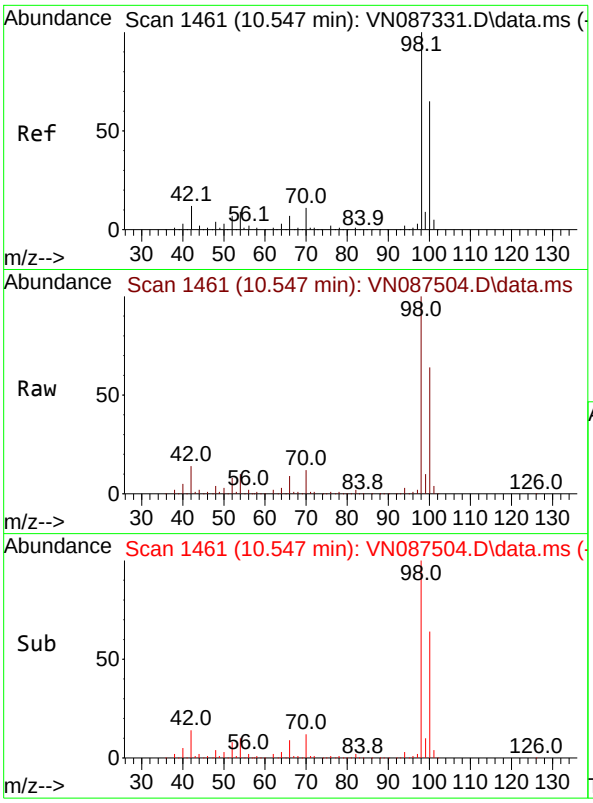


#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion:113 Resp: 200423

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	16.2	13.7	20.5



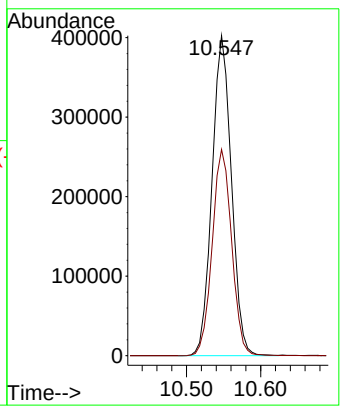


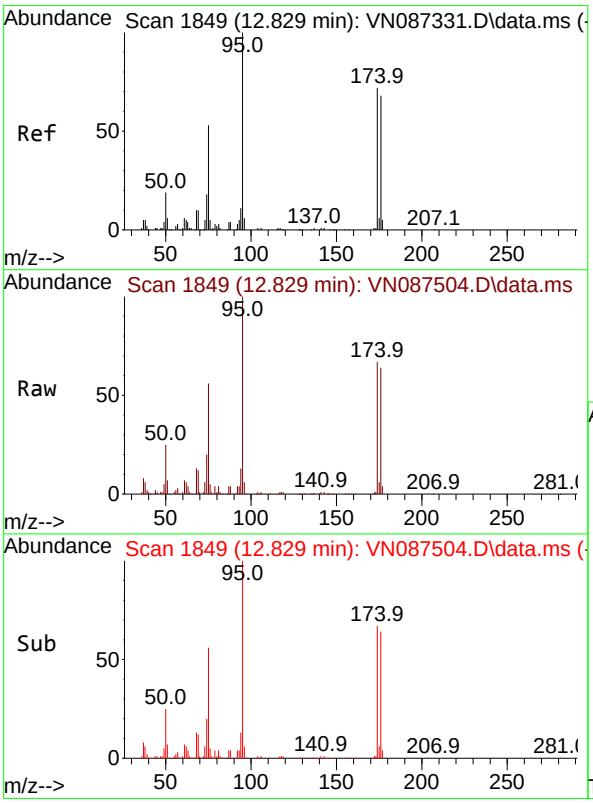
#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion: 98 Resp: 730025

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.1	78.1

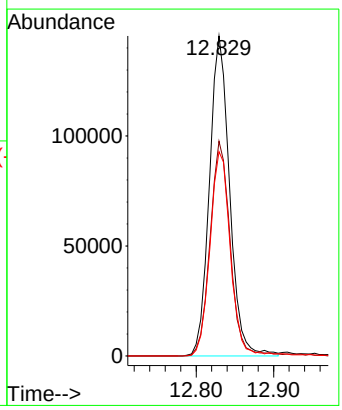


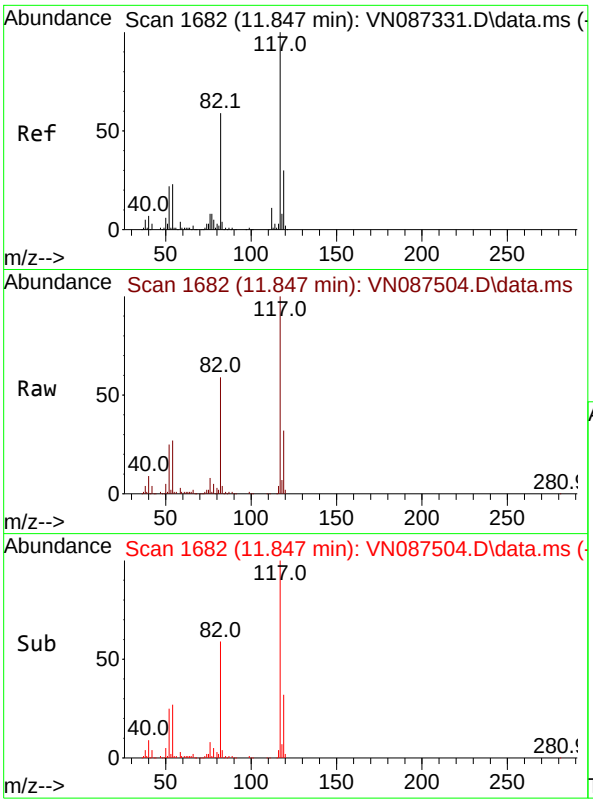


#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion: 95 Resp: 263428

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	149.4
176	64.7	0.0	141.2



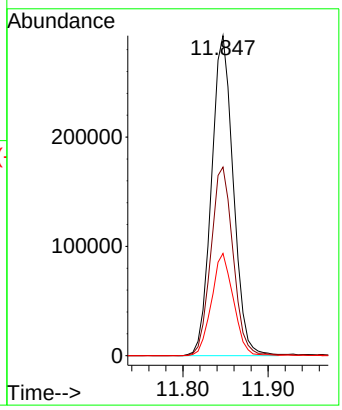


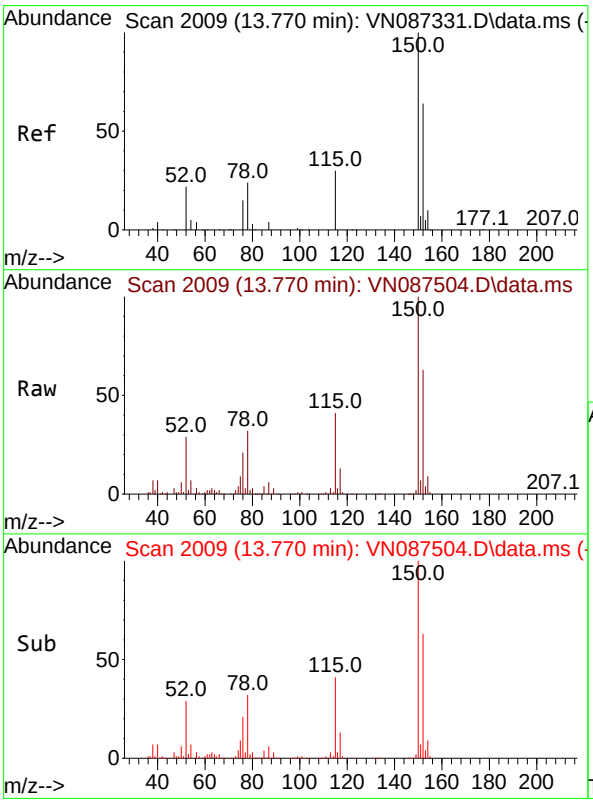
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Tgt Ion:117 Resp: 521832

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	31.9	23.8	35.8

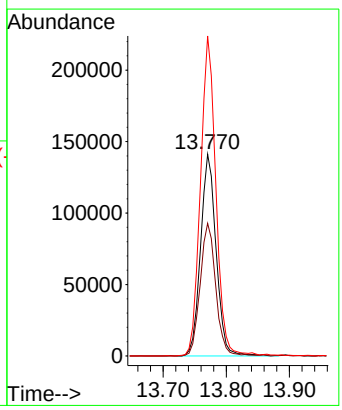




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087504.D
Acq: 12 Aug 2025 11:07

Tgt Ion:152 Resp: 242445

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.1	93.5
150	156.6	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087504.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1043	1054	1058	rBV	280625	654831	32.27%	6.211%
2	8.206	1058	1063	1074	rVB	405461	918158	45.25%	8.708%
3	8.565	1114	1124	1134	rBV	319803	728104	35.88%	6.906%
4	9.083	1202	1212	1227	rBV	708749	1459675	71.93%	13.844%
5	10.547	1453	1461	1472	rBV	1112883	2029213	100.00%	19.246%
6	11.847	1673	1682	1695	rBV	976620	1773724	87.41%	16.823%
7	12.829	1840	1849	1862	rBV	725584	1327120	65.40%	12.587%
8	13.770	2002	2009	2023	rVB	959454	1652927	81.46%	15.677%

Sum of corrected areas: 10543752

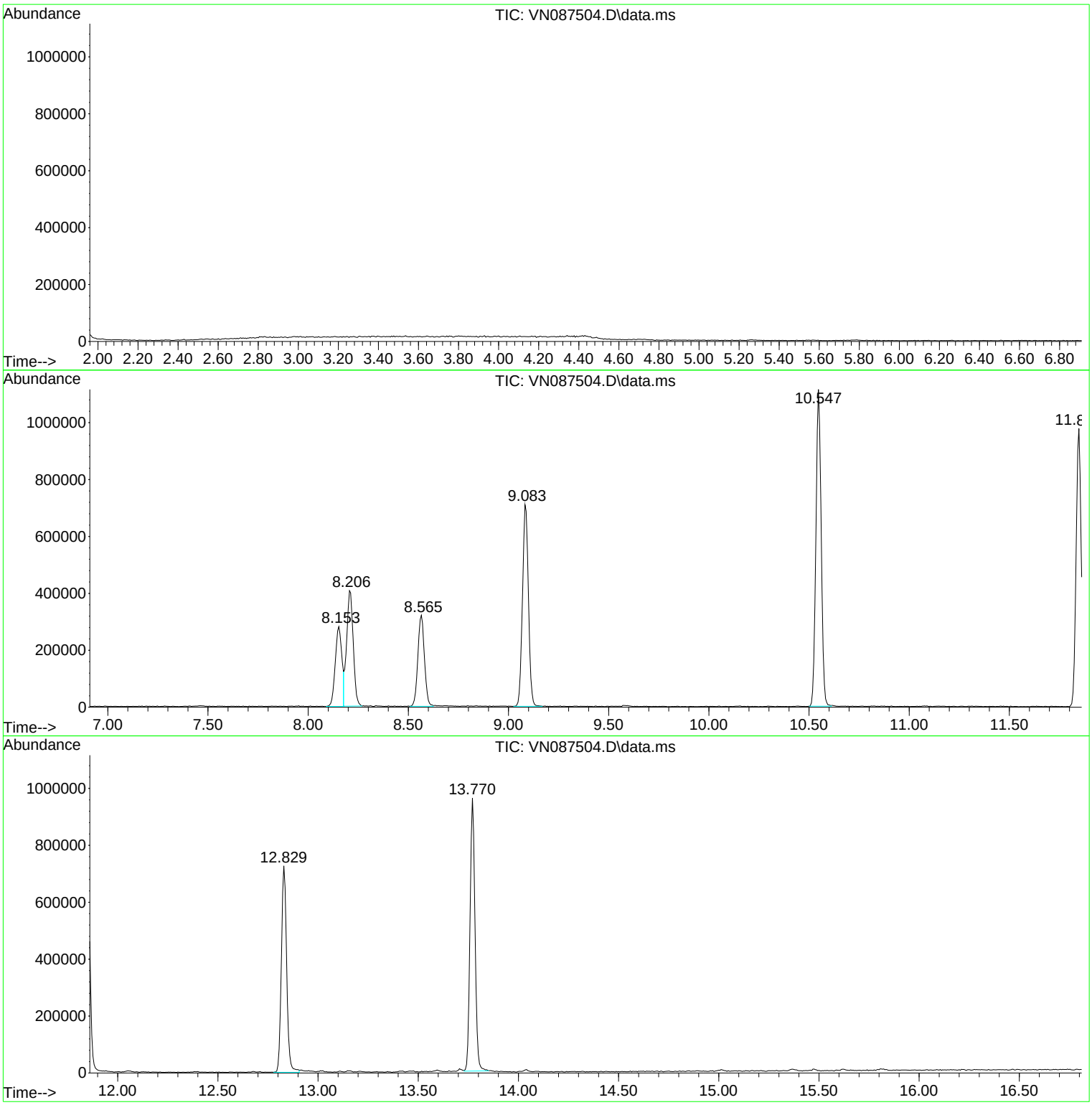
Sample Results: **VN087504.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087504.D
Acq On : 12 Aug 2025 11:07
Operator : JC\MD
Sample : VN0812WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	5.00	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.6		74 - 125	119%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.212			
540-36-3	1,4-Difluorobenzene	517000	9.088			
3114-55-4	Chlorobenzene-d5	473000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBL01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087527.D	1	08/13/25 11:41	VN081325

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\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Time: Aug 14 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	240605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	517097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	472576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	217582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243187	59.567	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.140%			
35) Dibromofluoromethane	8.153	113	177183	49.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	10.547	98	661503	51.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.829	95	235890	50.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.360%			

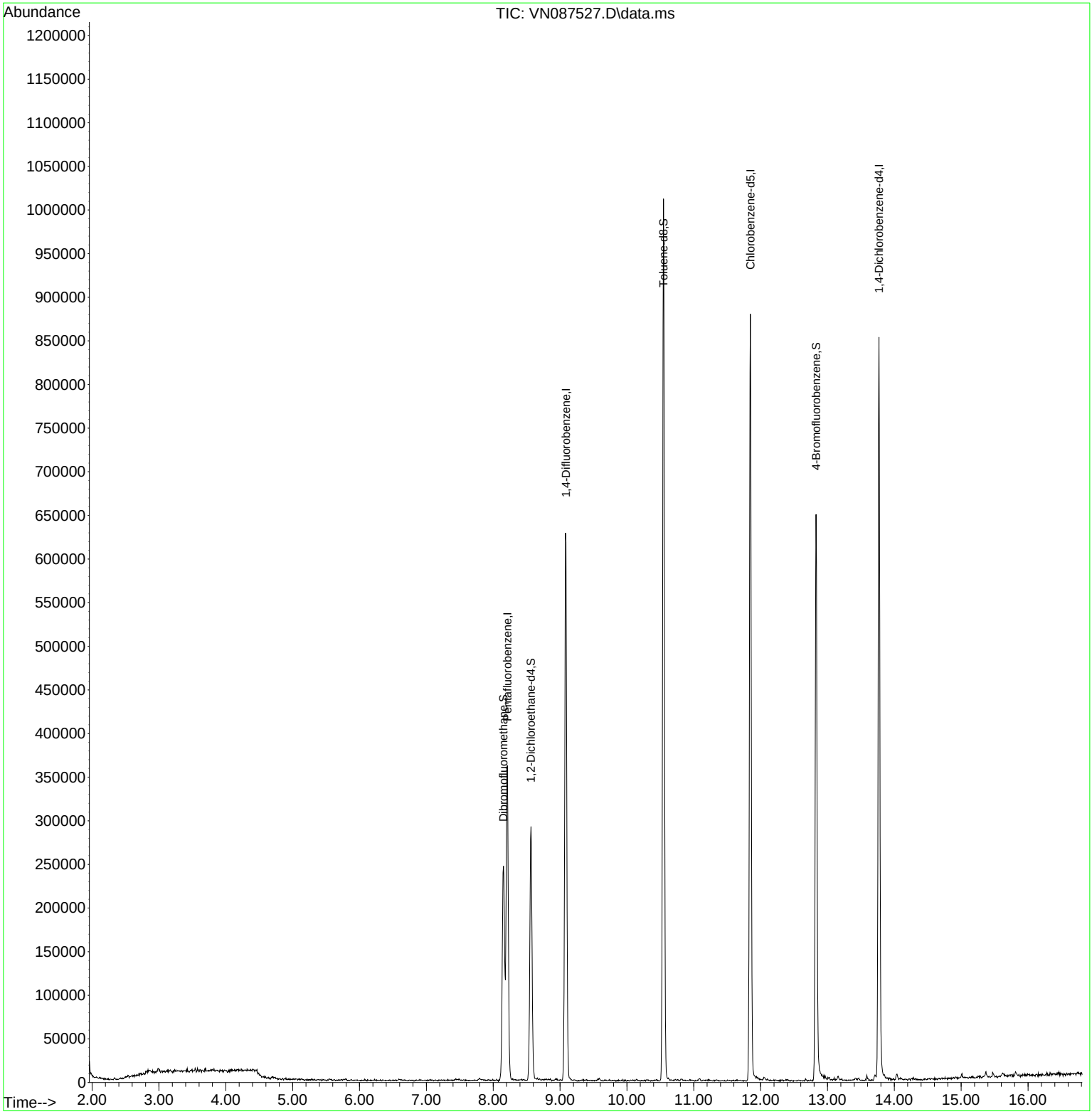
Target Compounds Qvalue

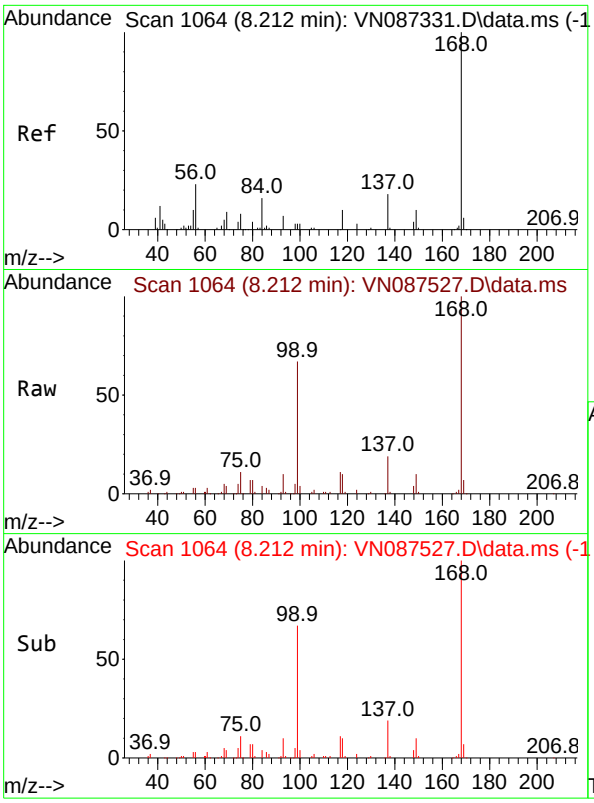
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Time: Aug 14 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



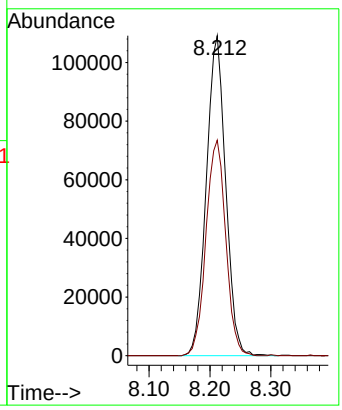


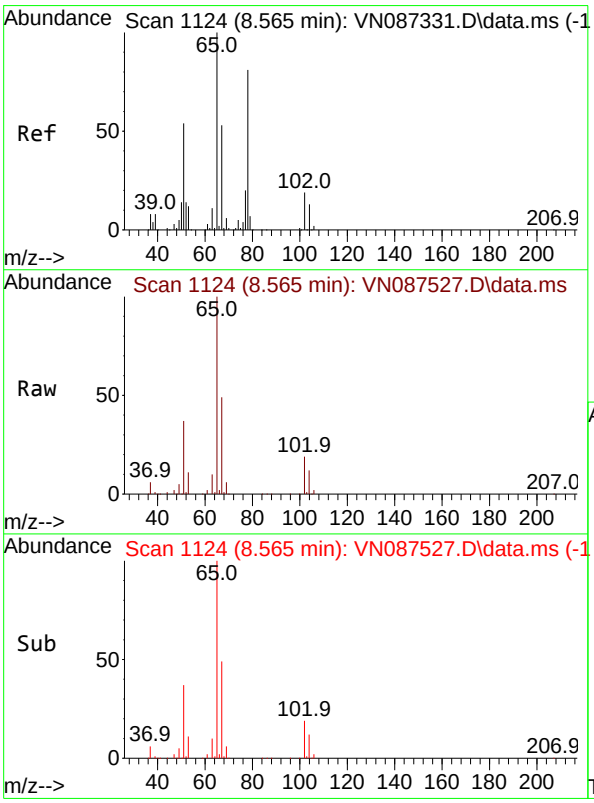
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:168 Resp: 240605

Ion	Ratio	Lower	Upper
168	100		
99	67.4	47.9	71.9

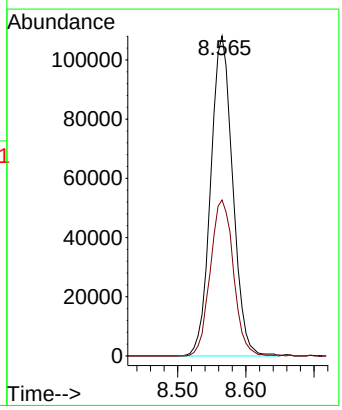


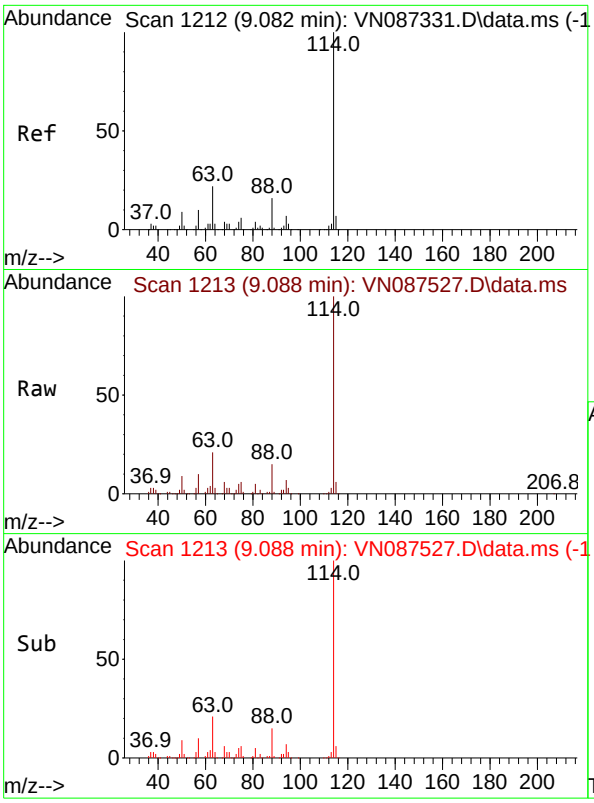


#33
1,2-Dichloroethane-d4
Concen: 59.567 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion: 65 Resp: 243187

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0



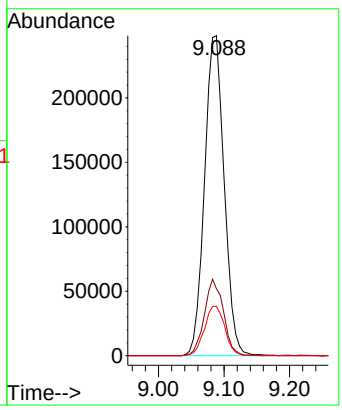


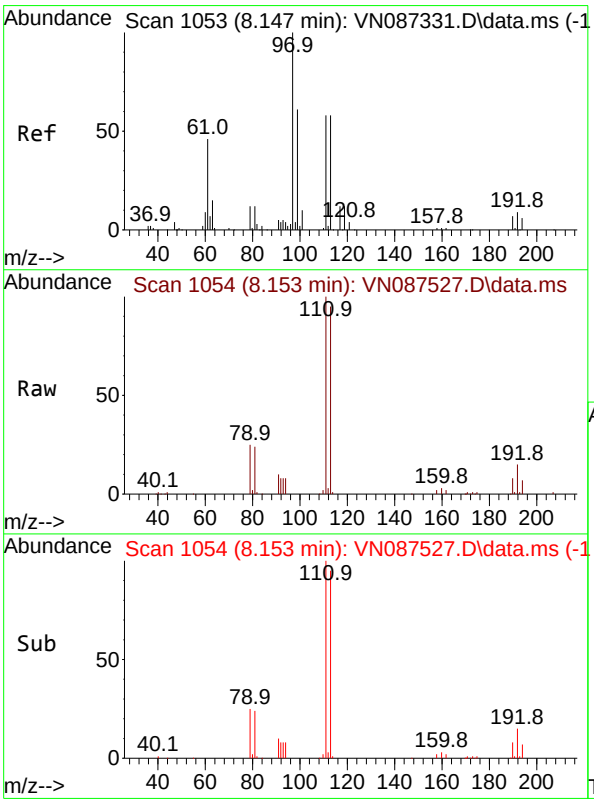
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:114 Resp: 517097

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.6
88	15.5	0.0	32.8

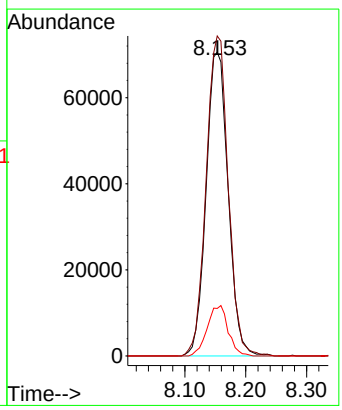


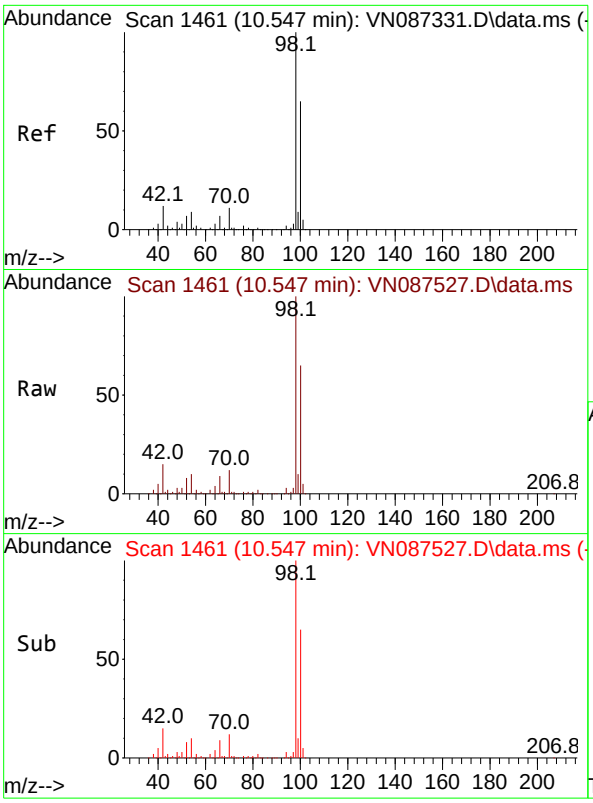


#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion:113 Resp: 177183

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.5	123.7
192	15.8	13.7	20.5



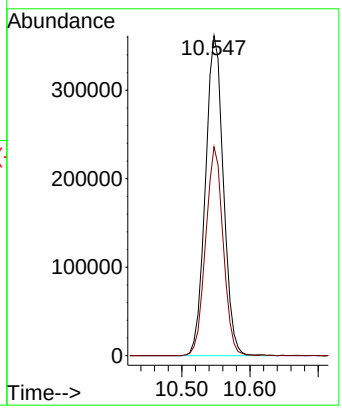


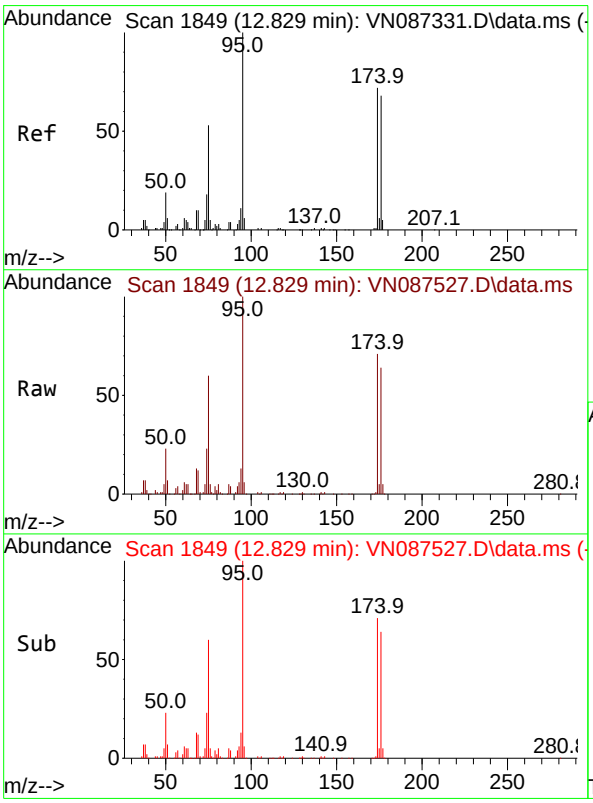
#50
Toluene-d8
Concen: 51.990 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion: 98 Resp: 661503

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.1	78.1

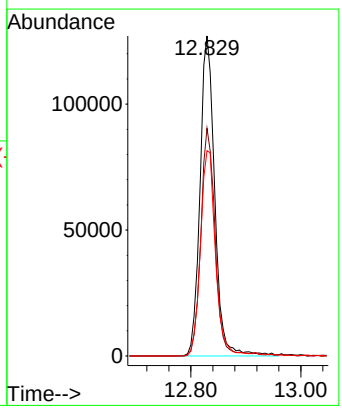


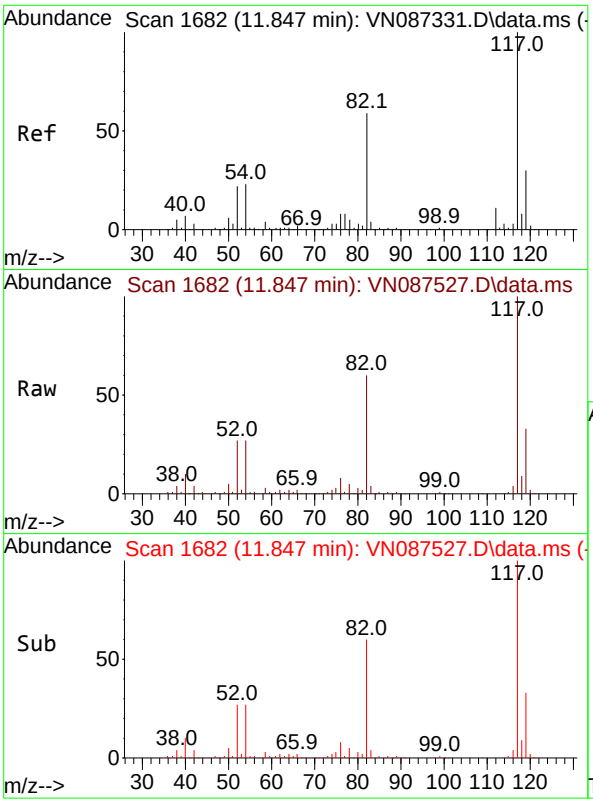


#62
4-Bromofluorobenzene
Concen: 50.181 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion: 95 Resp: 235890

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	149.4
176	65.4	0.0	141.2



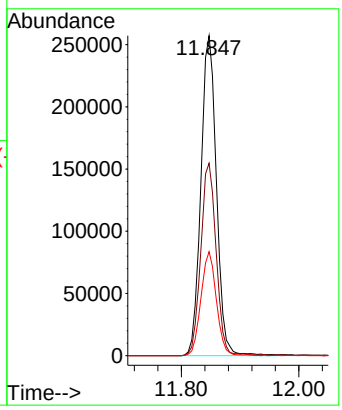


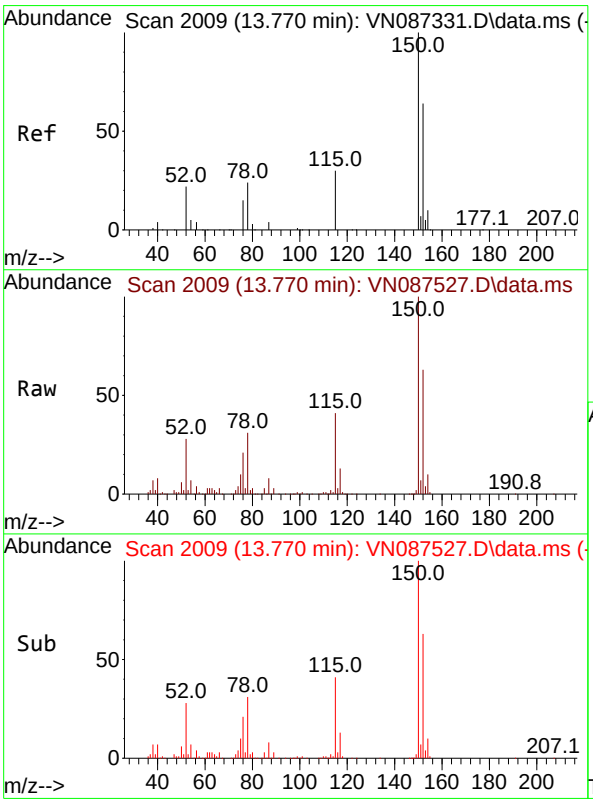
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Tgt Ion:117 Resp: 472576

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	32.5	23.8	35.8

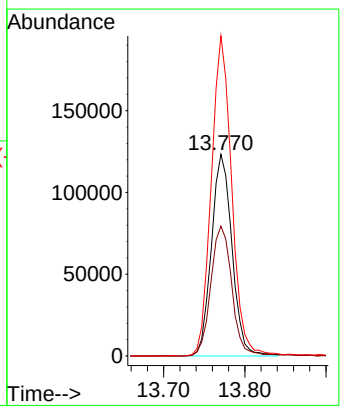




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087527.D
Acq: 13 Aug 2025 11:41

Tgt Ion:152 Resp: 217582

Ion	Ratio	Lower	Upper
152	100		
115	66.2	31.1	93.5
150	157.7	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

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\82N071625W.M
Title : SW846 8260

Signal : TIC: VN087527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.153	1044	1054	1059	rBV2	245609	632518	34.29%	6.615%
2	8.212	1059	1064	1075	rVB	360237	792247	42.95%	8.286%
3	8.565	1114	1124	1134	rBV	291119	667094	36.17%	6.977%
4	9.083	1203	1212	1222	rBV	627525	1313806	71.23%	13.741%
5	10.547	1451	1461	1472	rBV	1011196	1844378	100.00%	19.290%
6	11.847	1672	1682	1696	rBV	879222	1610887	87.34%	16.848%
7	12.829	1841	1849	1863	rBV	649288	1206225	65.40%	12.616%
8	13.770	2002	2009	2020	rVV	849038	1494049	81.01%	15.626%

Sum of corrected areas: 9561204

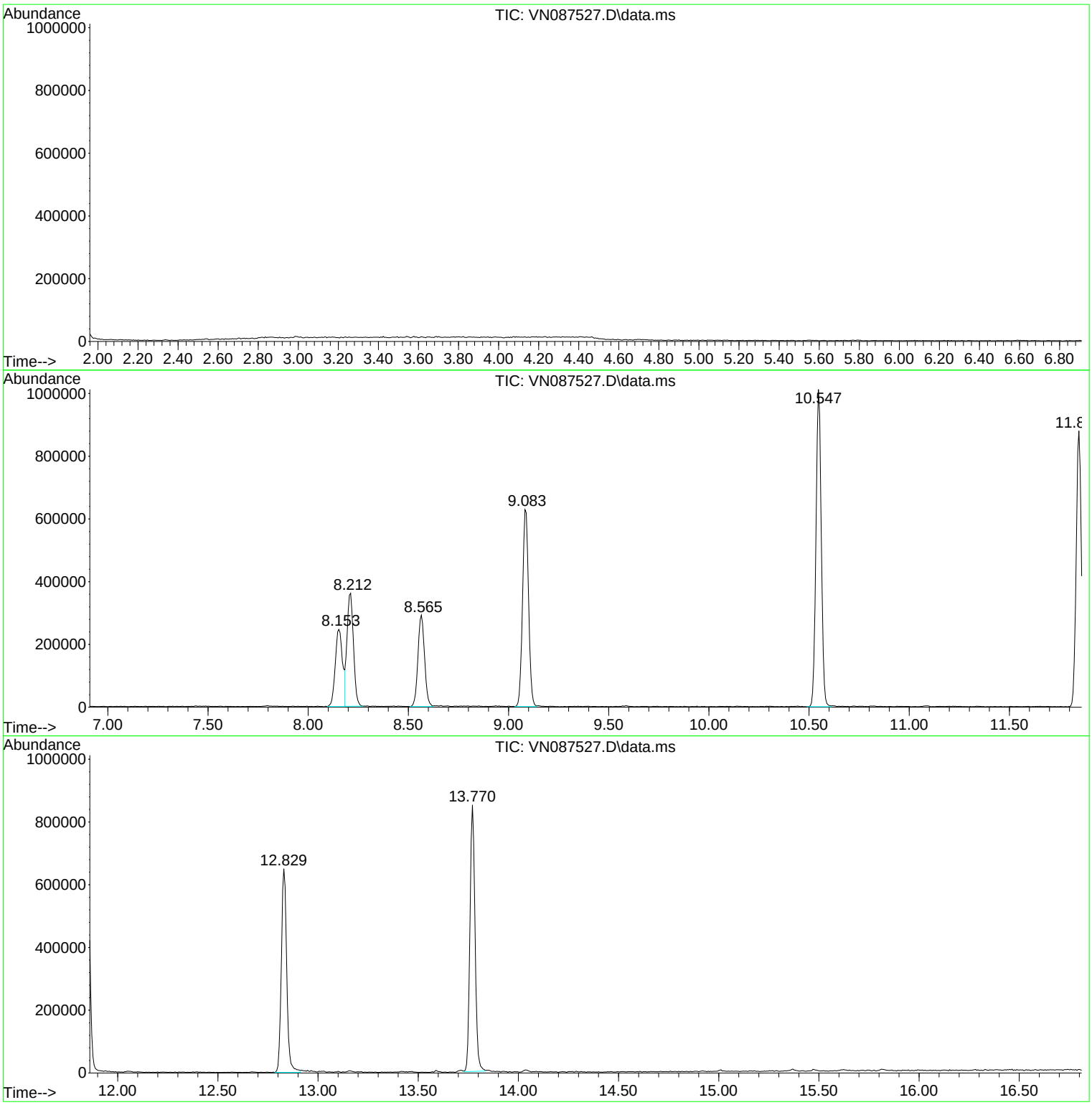
Sample Results: **VN087527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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\VN081325\
Data File : VN087527.D
Acq On : 13 Aug 2025 11:41
Operator : JC\MD
Sample : VN0813WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.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:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.2		0.22	1.00	ug/L
74-87-3	Chloromethane	18.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.3		0.26	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	20.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.4		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	19.1		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.50	5.00	ug/L
78-93-3	2-Butanone	98.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.4		0.16	1.00	ug/L
71-43-2	Benzene	18.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.9		0.68	5.00	ug/L
108-88-3	Toluene	18.8		0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.2		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.9		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	16.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	17.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	19.1		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	46.2		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	293000	8.206			
540-36-3	1,4-Difluorobenzene	577000	9.082			
3114-55-4	Chlorobenzene-d5	523000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0812WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0812WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087505.D	1	08/12/25 11:42	VN081225

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\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	292778	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	576676	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	523240	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256652	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	264919	53.327	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%				
35) Dibromofluoromethane	8.153	113	178267	44.814	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.620%				
50) Toluene-d8	10.547	98	655005	46.161	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.320%				
62) 4-Bromofluorobenzene	12.829	95	255516	48.740	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.480%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	68991	22.186	ug/l		87
3) Chloromethane	2.389	50	70909	18.133	ug/l		93
4) Vinyl Chloride	2.542	62	75107	19.327	ug/l		91
5) Bromomethane	2.977	94	39856	19.805	ug/l		95
6) Chloroethane	3.142	64	51562	20.345	ug/l		94
7) Trichlorofluoromethane	3.512	101	111797	19.455	ug/l		100
8) Diethyl Ether	3.959	74	49528	22.219	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57454	19.477	ug/l		95
10) Methyl Iodide	4.583	142	30990	14.693	ug/l	#	88
11) Tert butyl alcohol	5.518	59	96731	102.547	ug/l		97
12) 1,1-Dichloroethene	4.342	96	62167	18.597	ug/l		99
13) Acrolein	4.177	56	99159	130.989	ug/l		100
14) Allyl chloride	5.012	41	122600	20.266	ug/l		93
15) Acrylonitrile	5.712	53	247530	96.703	ug/l		99
16) Acetone	4.430	43	249332	107.043	ug/l		95
17) Carbon Disulfide	4.706	76	181331	18.297	ug/l	#	90
18) Methyl Acetate	5.018	43	125027	21.365	ug/l		98
19) Methyl tert-butyl Ether	5.788	73	268531	21.794	ug/l		99
20) Methylene Chloride	5.265	84	77076	19.180	ug/l		97
21) trans-1,2-Dichloroethene	5.777	96	72010	19.105	ug/l		94
22) Diisopropyl ether	6.659	45	271606	21.404	ug/l		95
23) Vinyl Acetate	6.594	43	1258088	113.358	ug/l		98
24) 1,1-Dichloroethane	6.559	63	147450	20.141	ug/l		99
25) 2-Butanone	7.471	43	354546	98.514	ug/l		97
26) 2,2-Dichloropropane	7.471	77	130032	22.845	ug/l		97
27) cis-1,2-Dichloroethene	7.471	96	89561	20.639	ug/l		93
28) Bromochloromethane	7.800	49	68027	19.415	ug/l		93
29) Tetrahydrofuran	7.830	42	238378	101.959	ug/l		97
30) Chloroform	7.953	83	151851	20.722	ug/l		96
31) Cyclohexane	8.241	56	119834	19.621	ug/l		97
32) 1,1,1-Trichloroethane	8.153	97	128806	20.295	ug/l		98
36) 1,1-Dichloropropene	8.359	75	100577	19.137	ug/l		98
37) Ethyl Acetate	7.547	43	140369	18.493	ug/l		98
38) Carbon Tetrachloride	8.347	117	102118	17.639	ug/l		97
39) Methylcyclohexane	9.582	83	110560	19.431	ug/l		98
40) Benzene	8.588	78	310818	18.299	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	78542	19.790	ug/l		96
42) 1,2-Dichloroethane	8.653	62	128218	19.905	ug/l		98
43) Isopropyl Acetate	8.677	43	233840	19.846	ug/l		98
44) Trichloroethene	9.335	130	68578	17.087	ug/l		98
45) 1,2-Dichloropropane	9.606	63	83164	19.269	ug/l		100
46) Dibromomethane	9.688	93	58870	18.218	ug/l		95
47) Bromodichloromethane	9.871	83	122095	18.758	ug/l		94
48) Methyl methacrylate	9.665	41	109579	20.658	ug/l		92
49) 1,4-Dioxane	9.682	88	29359	361.375	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	699710	93.893	ug/l		97
52) Toluene	10.612	92	193918	18.783	ug/l		96
53) t-1,3-Dichloropropene	10.818	75	133370	20.246	ug/l		96
54) cis-1,3-Dichloropropene	10.294	75	135073	19.851	ug/l		91
55) 1,1,2-Trichloroethane	10.994	97	77374	18.511	ug/l		98
56) Ethyl methacrylate	10.859	69	134186	19.869	ug/l		96
57) 1,3-Dichloropropane	11.147	76	135824	18.794	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.141	63	374162	109.124	ug/l		98
59) 2-Hexanone	11.182	43	456112	92.251	ug/l		99
60) Dibromochloromethane	11.341	129	88960	18.662	ug/l		96
61) 1,2-Dibromoethane	11.453	107	83456	18.989	ug/l		92
64) Tetrachloroethene	11.082	164	54713	16.247	ug/l		94
65) Chlorobenzene	11.870	112	209568	17.840	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.941	131	72668	18.192	ug/l		98
67) Ethyl Benzene	11.947	91	375225	19.403	ug/l		100
68) m/p-Xylenes	12.053	106	271778	37.530	ug/l		92
69) o-Xylene	12.376	106	135420	19.577	ug/l		94
70) Styrene	12.394	104	221910	19.070	ug/l		94
71) Bromoform	12.559	173	55211	17.109	ug/l	#	99
73) Isopropylbenzene	12.676	105	345641	21.398	ug/l		96
74) N-amyl acetate	12.529	43	115014m	17.137	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	120145	19.767	ug/l		98
76) 1,2,3-Trichloropropane	12.970	75	122446m	21.276	ug/l		
77) Bromobenzene	12.964	156	82729	19.748	ug/l		91
78) n-propylbenzene	13.017	91	425221	20.923	ug/l		97
79) 2-Chlorotoluene	13.106	91	253436	20.291	ug/l		99
80) 1,3,5-Trimethylbenzene	13.153	105	295518	21.472	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.717	75	37270	17.719	ug/l		93
82) 4-Chlorotoluene	13.200	91	273495	21.032	ug/l		96
83) tert-Butylbenzene	13.417	119	246210	21.419	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	303556	21.598	ug/l		94
85) sec-Butylbenzene	13.594	105	360000	20.792	ug/l		99
86) p-Isopropyltoluene	13.711	119	302007	21.765	ug/l		97
87) 1,3-Dichlorobenzene	13.711	146	153160	18.628	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	162894	18.550	ug/l		96
89) n-Butylbenzene	14.035	91	296535	22.381	ug/l		98
90) Hexachloroethane	14.311	117	56479	19.211	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	154034	19.776	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	29553	18.519	ug/l		95
93) 1,2,4-Trichlorobenzene	15.370	180	94568	20.669	ug/l		98
94) Hexachlorobutadiene	15.476	225	33941	19.964	ug/l		97
95) Naphthalene	15.617	128	323641	19.967	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	87388	19.041	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 03:00:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

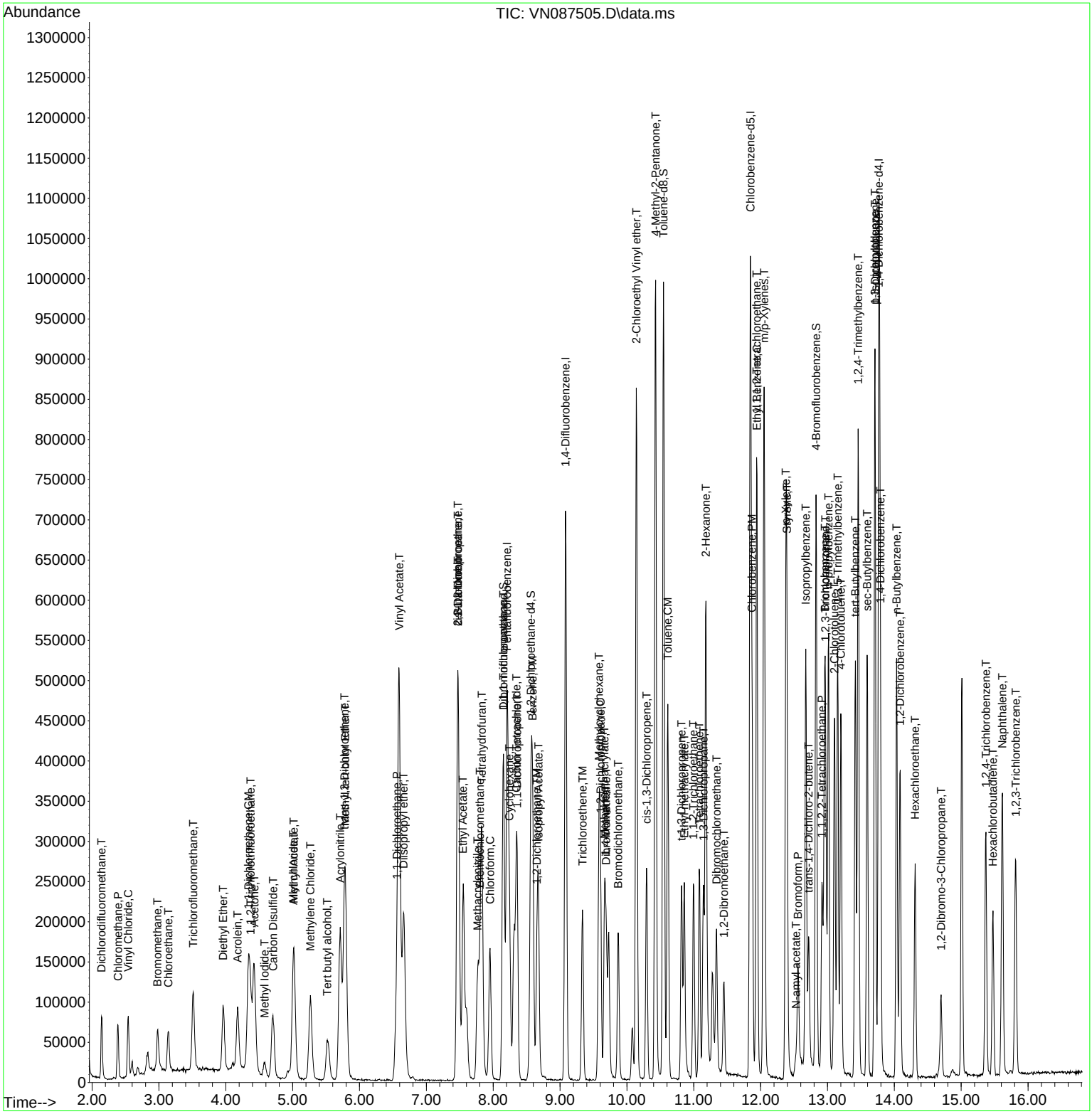
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087505.D
Acq On : 12 Aug 2025 11:42
Operator : JC\MD
Sample : VN0812WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

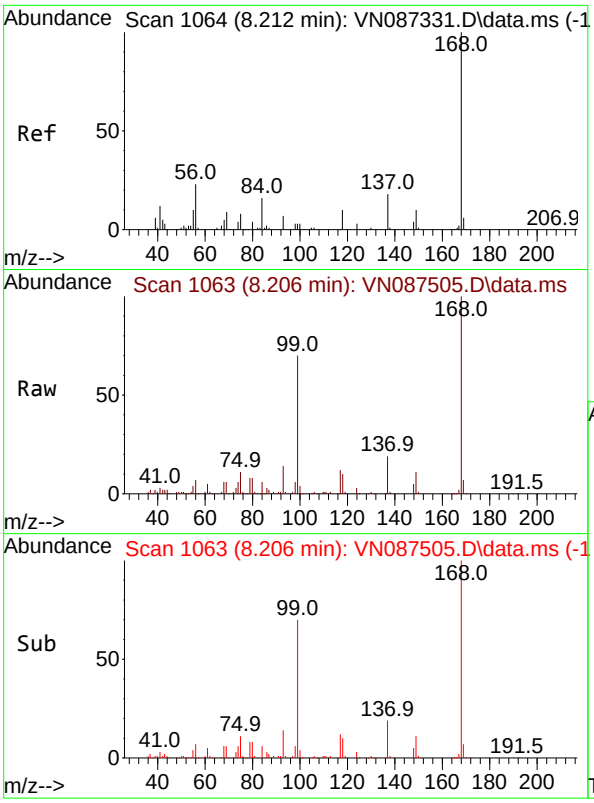
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
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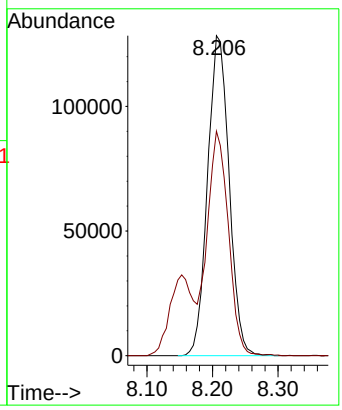




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:168 Resp: 29277

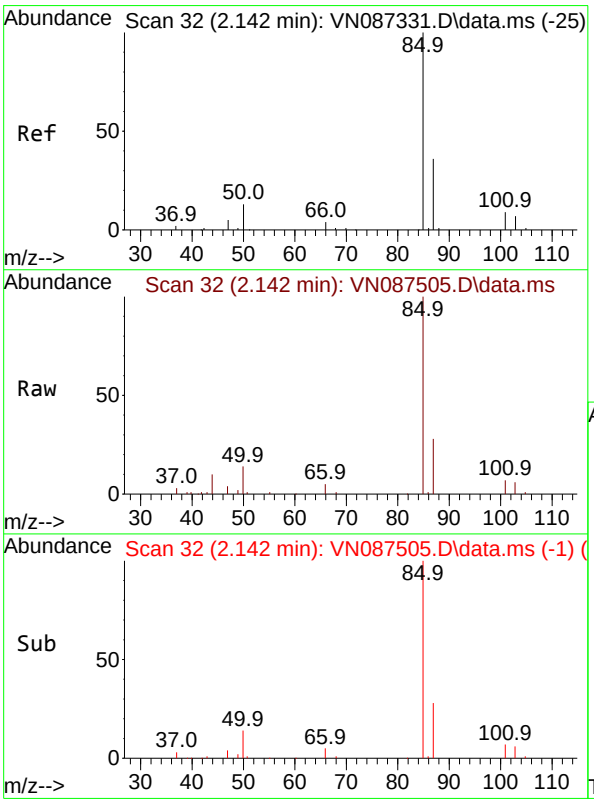
Ion	Ratio	Lower	Upper
168	100		
99	70.0	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

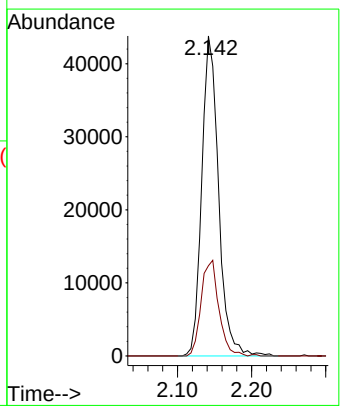
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

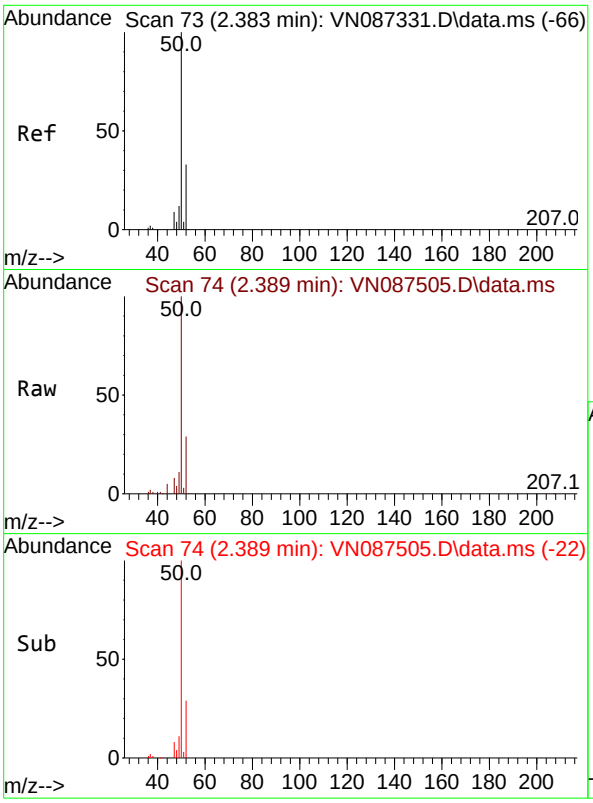


#2
Dichlorodifluoromethane
Concen: 22.186 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 85 Resp: 68991

Ion	Ratio	Lower	Upper
85	100		
87	28.2	17.8	53.3

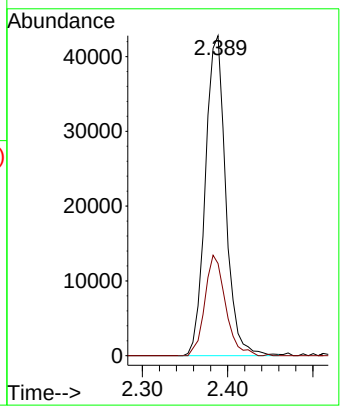




#3
Chloromethane
Concen: 18.133 ug/l
RT: 2.389 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 50 Resp: 7090

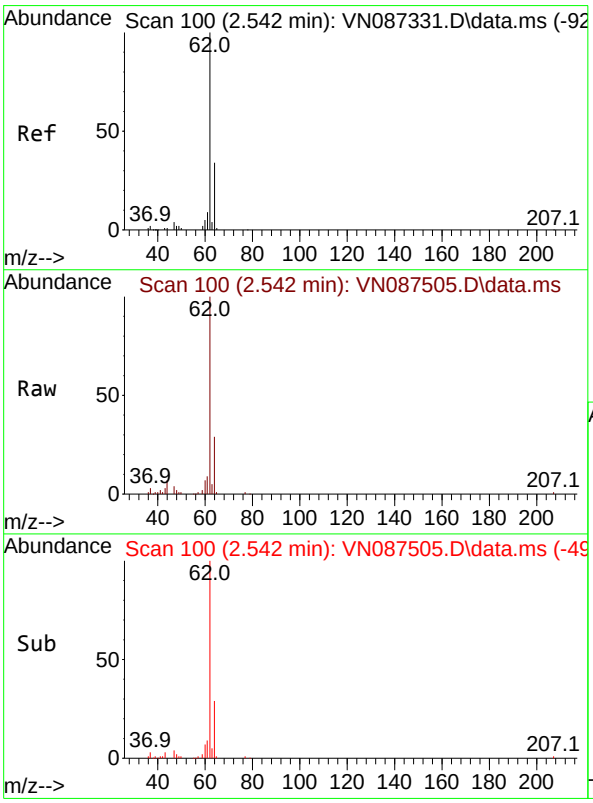
Ion	Ratio	Lower	Upper
50	100		
52	28.8	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

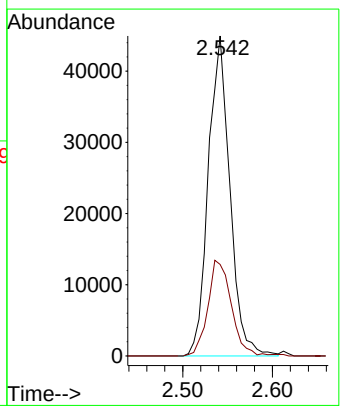
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

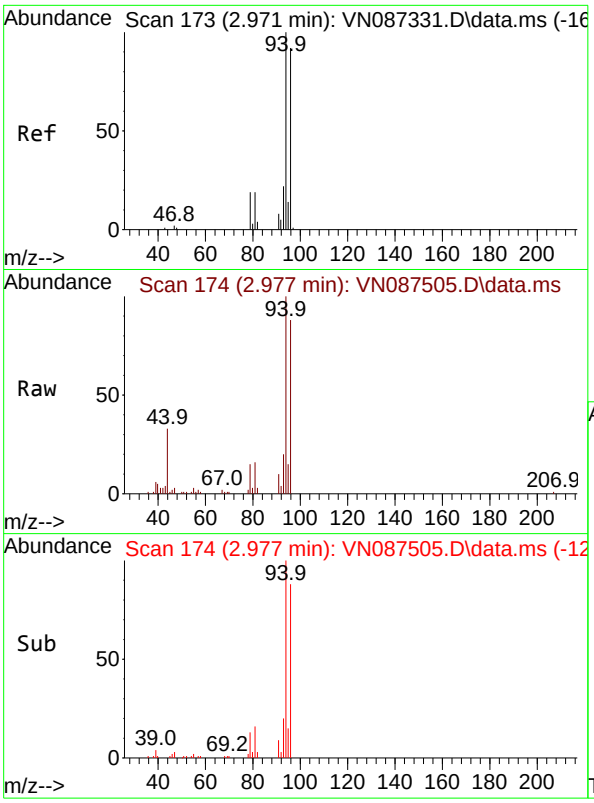


#4
Vinyl Chloride
Concen: 19.327 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 62 Resp: 75107

Ion	Ratio	Lower	Upper
62	100		
64	28.6	27.0	40.6

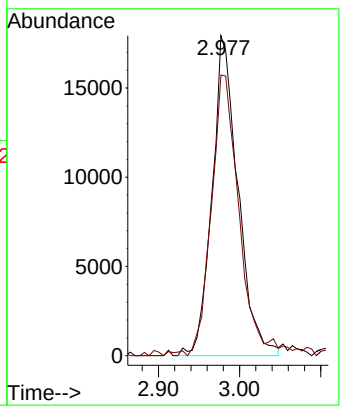




#5
Bromomethane
Concen: 19.805 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 94 Resp: 3985

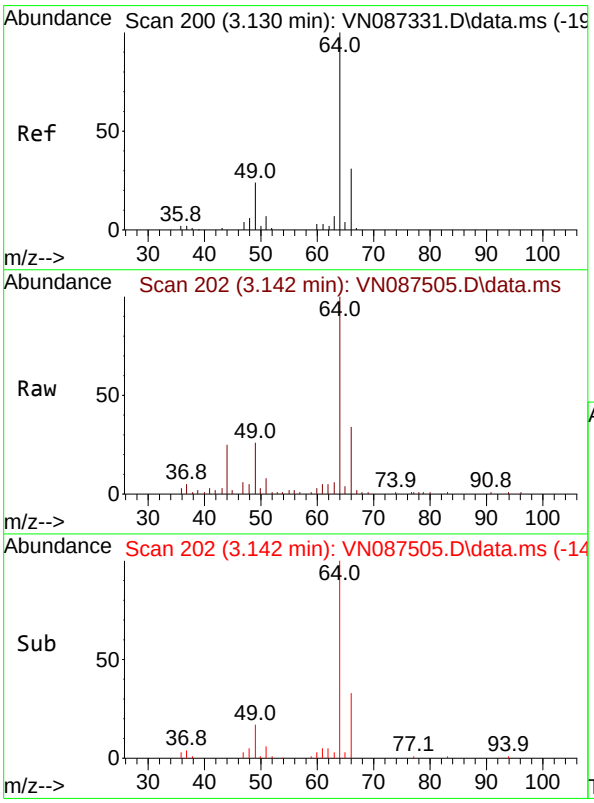
Ion	Ratio	Lower	Upper
94	100		
96	86.6	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

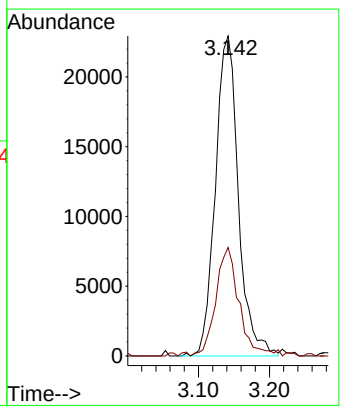
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

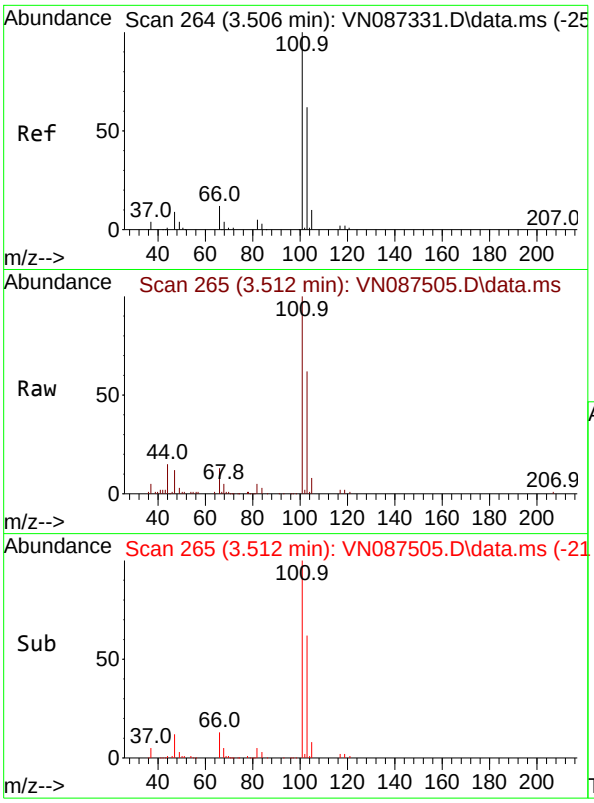


#6
Chloroethane
Concen: 20.345 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 64 Resp: 51562

Ion	Ratio	Lower	Upper
64	100		
66	33.9	24.6	36.8

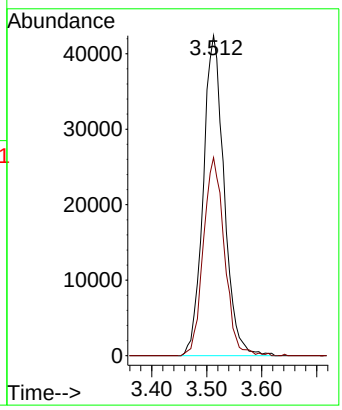




#7
Trichlorofluoromethane
Concen: 19.455 ug/l
RT: 3.512 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:101 Resp: 11179

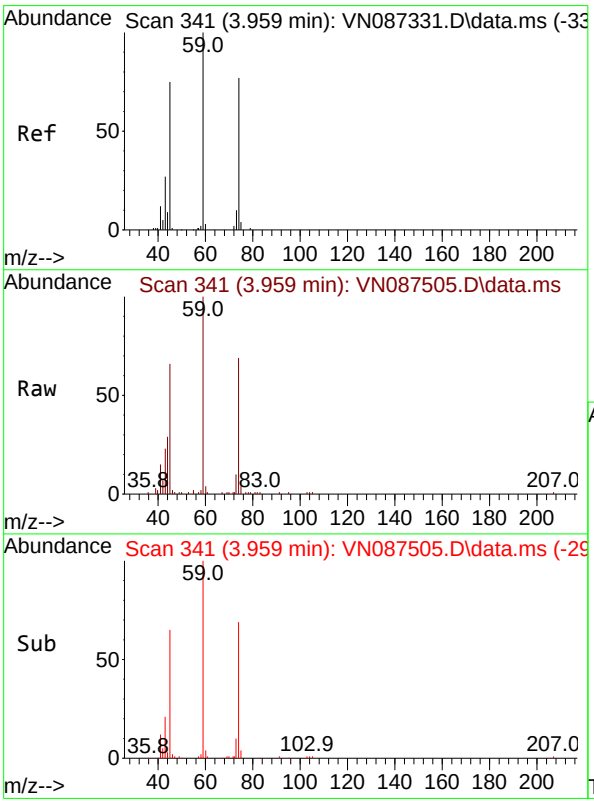
Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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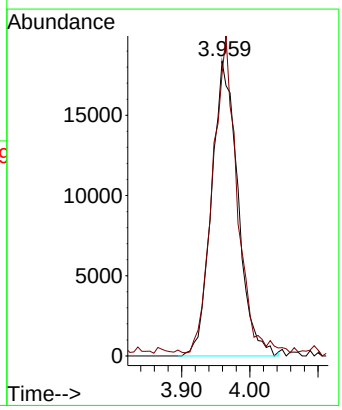
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

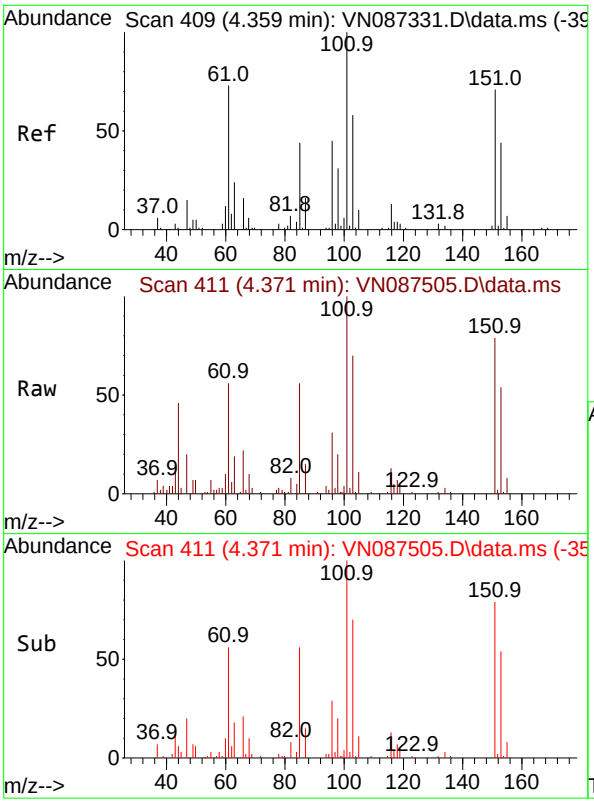


#8
Diethyl Ether
Concen: 22.219 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 74 Resp: 49528

Ion	Ratio	Lower	Upper
74	100		
45	99.5	50.8	152.5

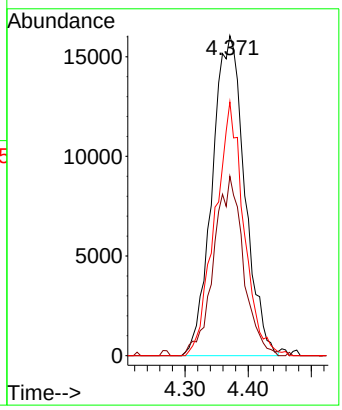




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.477 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:101 Resp: 5745

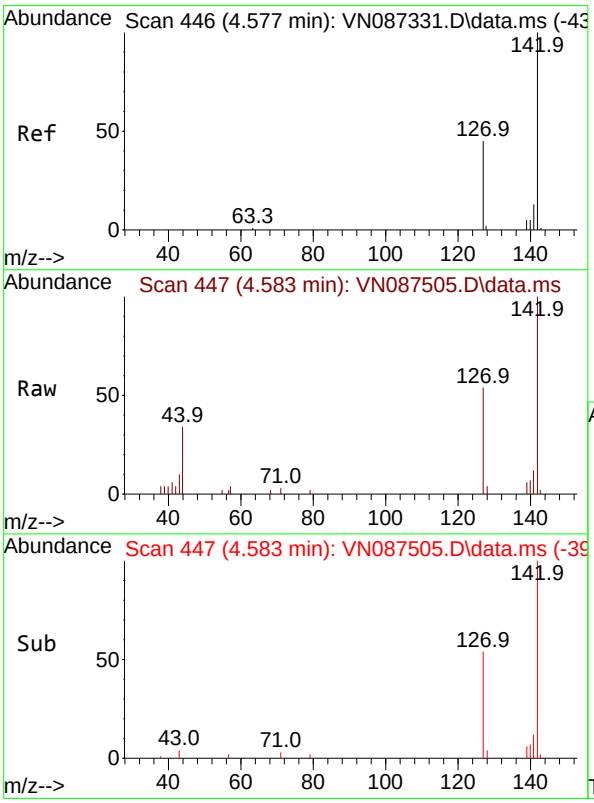
Ion	Ratio	Lower	Upper
101	100		
85	51.0	37.3	55.9
151	70.4	58.9	88.3



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

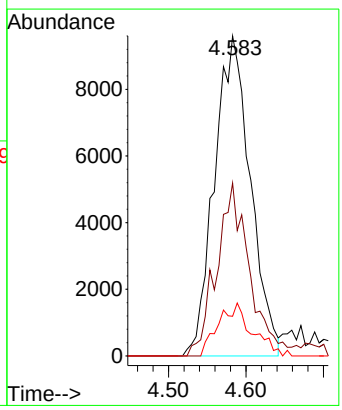
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

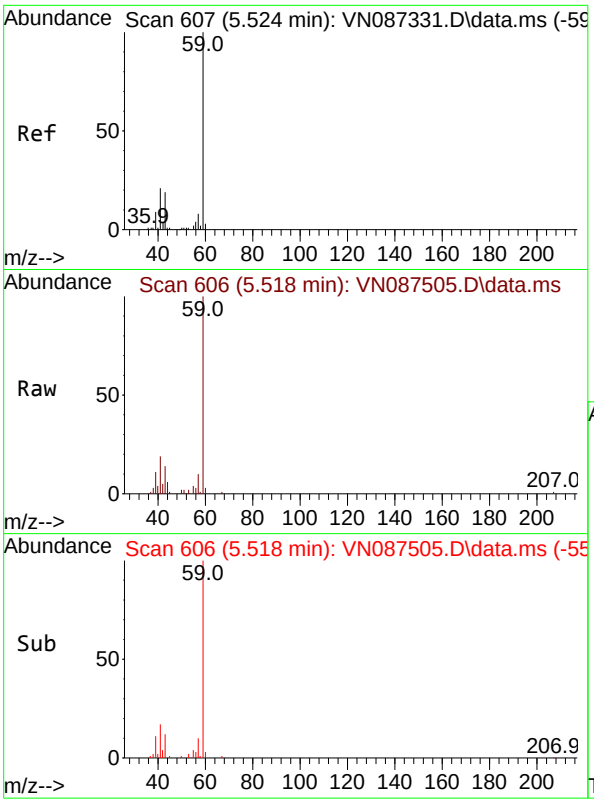


#10
Methyl Iodide
Concen: 14.693 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:142 Resp: 30990

Ion	Ratio	Lower	Upper
142	100		
127	54.0	35.7	53.5#
141	12.4	10.4	15.6





#11
Tert butyl alcohol
Concen: 102.547 ug/l
RT: 5.518 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

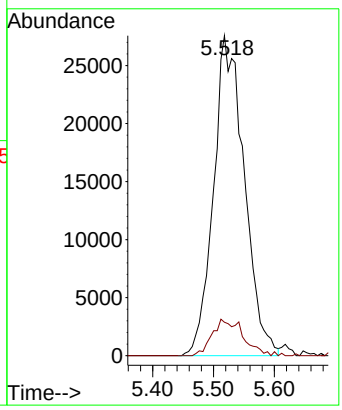
Tgt Ion: 59 Resp: 9673

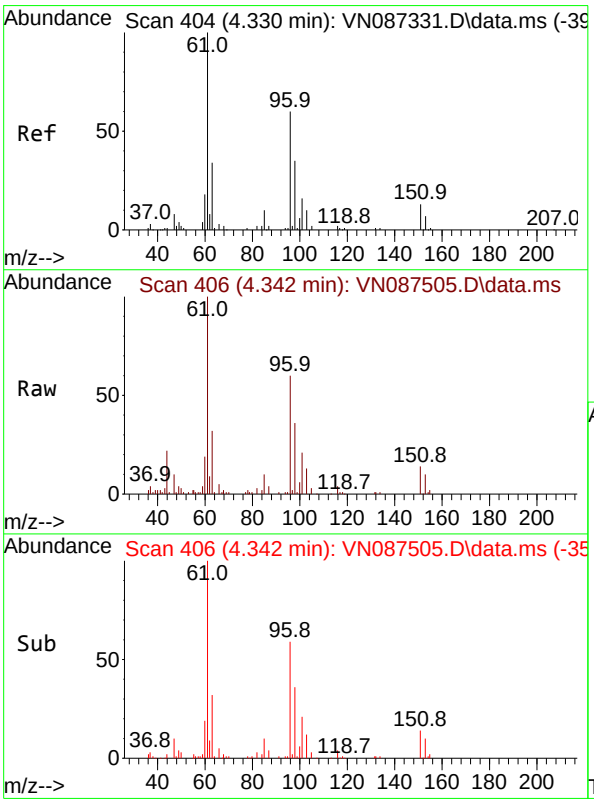
Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

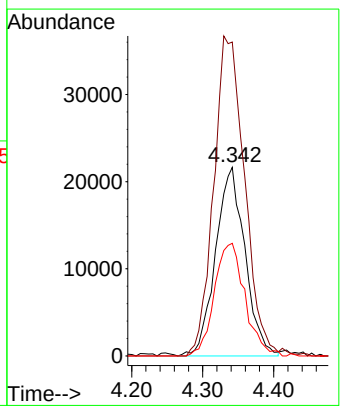


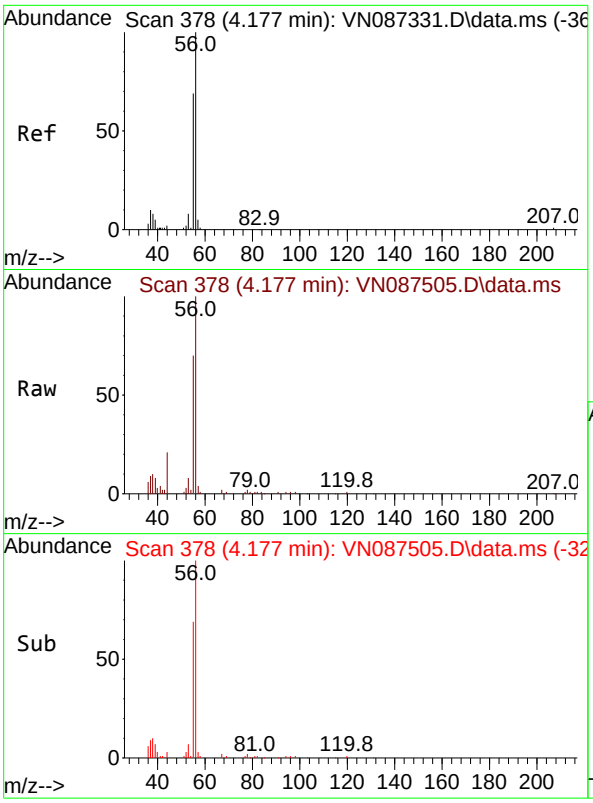


#12
1,1-Dichloroethene
Concen: 18.597 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 96 Resp: 62167

Ion	Ratio	Lower	Upper
96	100		
61	166.4	132.3	198.5
98	59.7	46.8	70.2

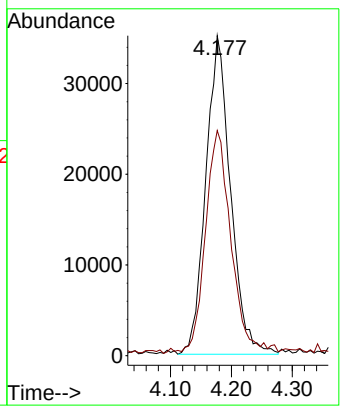




#13
Acrolein
Concen: 130.989 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 56 Resp: 9915

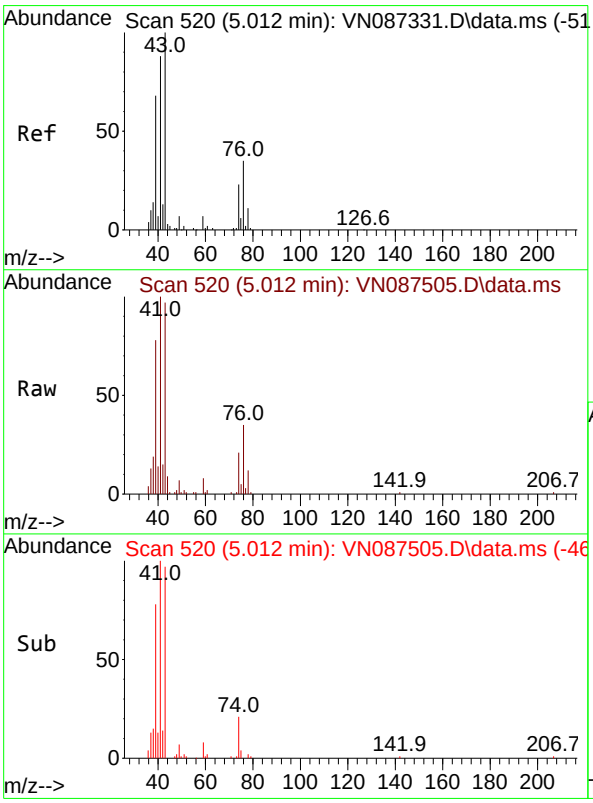
Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

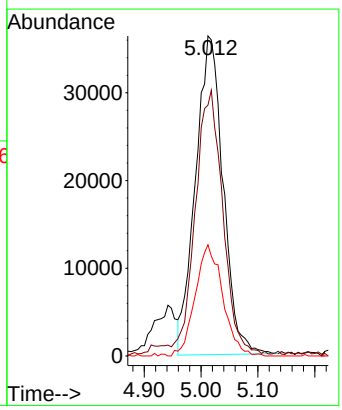
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

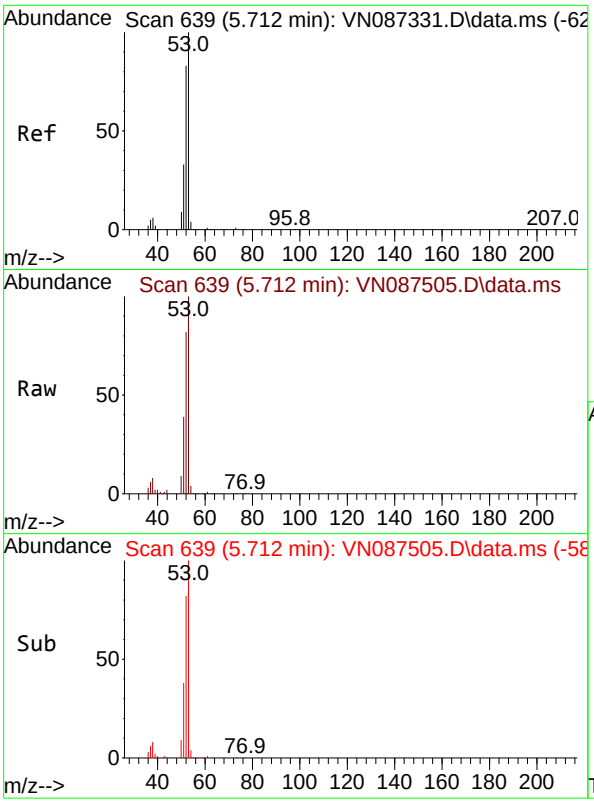


#14
Allyl chloride
Concen: 20.266 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 41 Resp: 122600

Ion	Ratio	Lower	Upper
41	100		
39	81.7	59.0	88.6
76	34.8	28.7	43.1

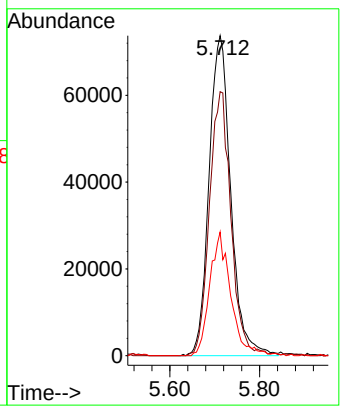




#15
Acrylonitrile
Concen: 96.703 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 53 Resp: 24753

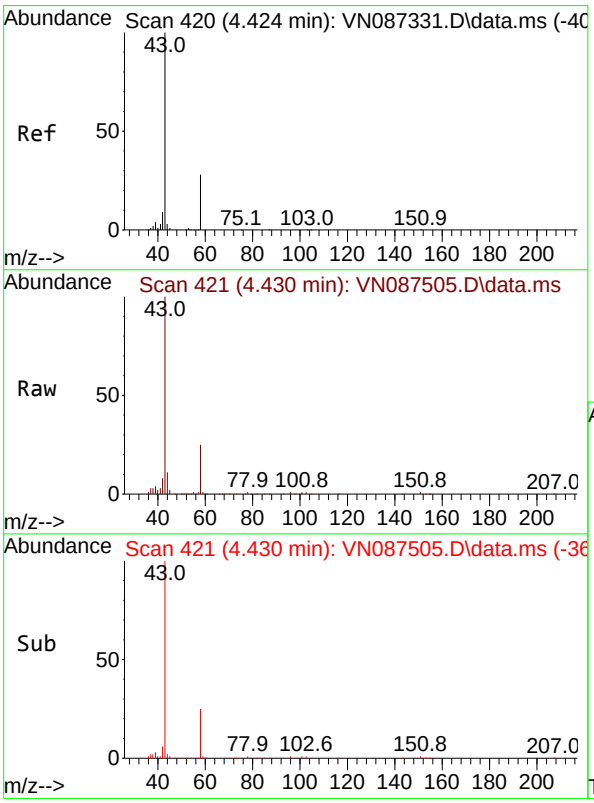
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	37.4	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

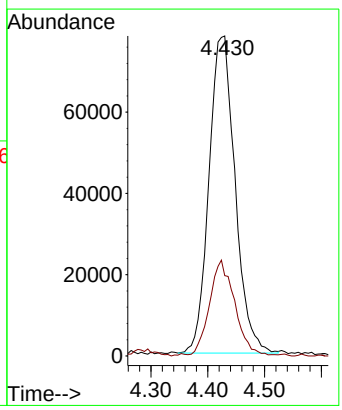
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

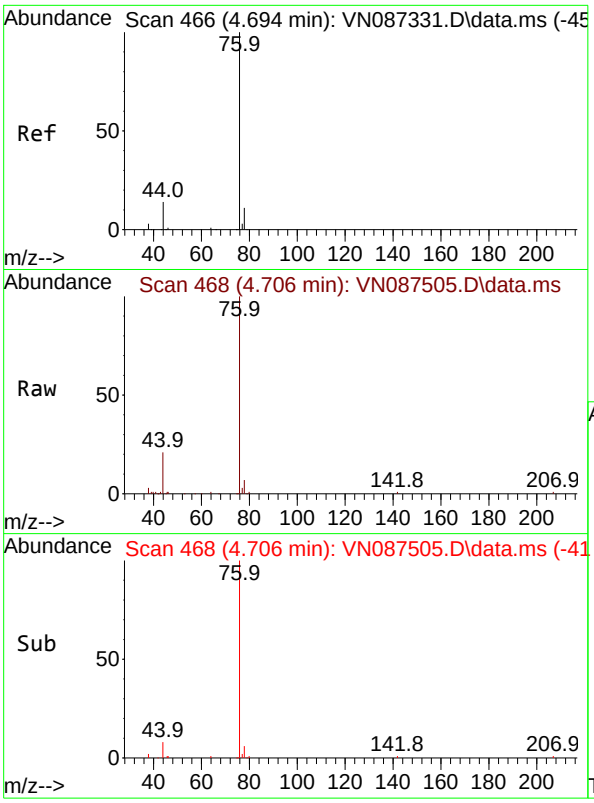


#16
Acetone
Concen: 107.043 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 249332

Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.3	33.5

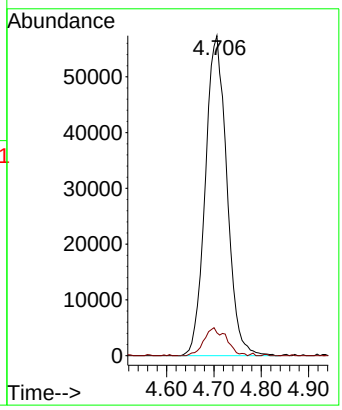




#17
Carbon Disulfide
Concen: 18.297 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 76 Resp: 18133

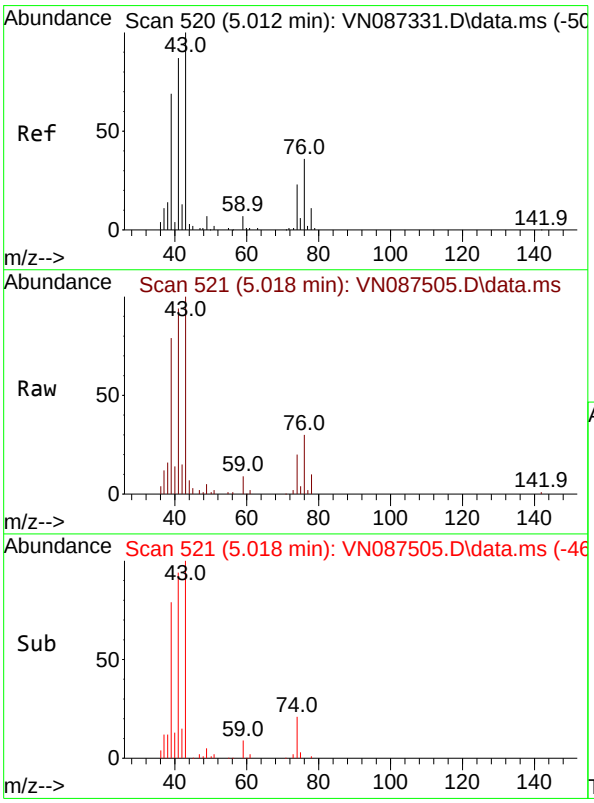
Ion	Ratio	Lower	Upper
76	100		
78	7.2	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

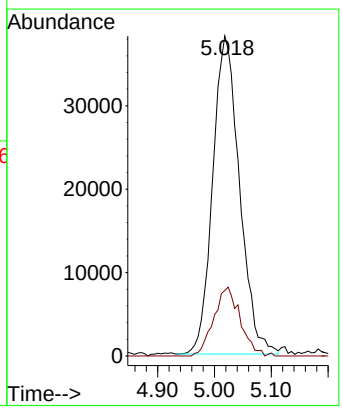
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

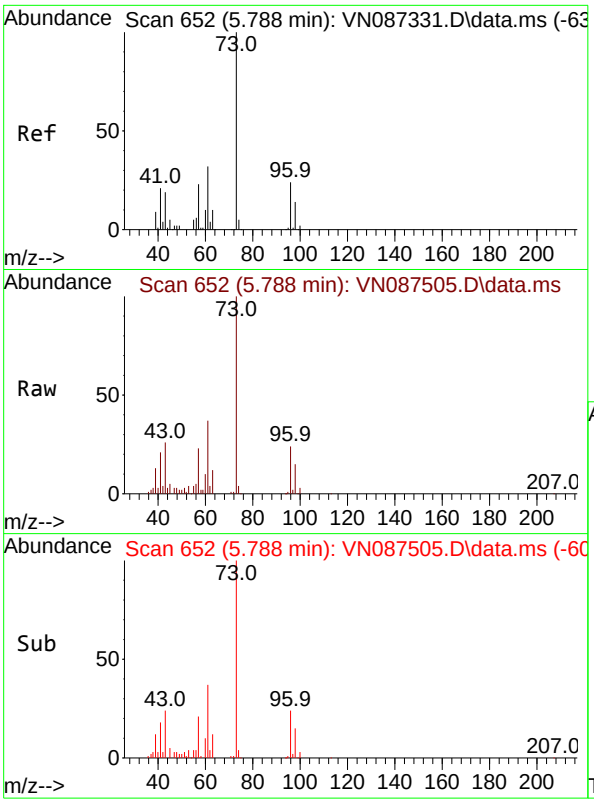


#18
Methyl Acetate
Concen: 21.365 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 125027

Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.6

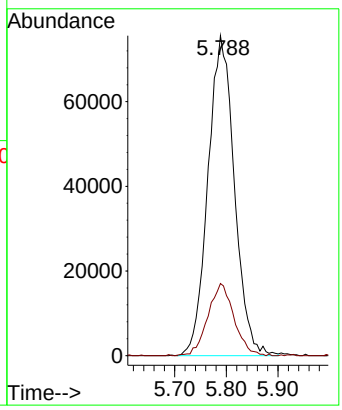




#19
Methyl tert-butyl Ether
Concen: 21.794 ug/l
RT: 5.788 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 73 Resp: 26853

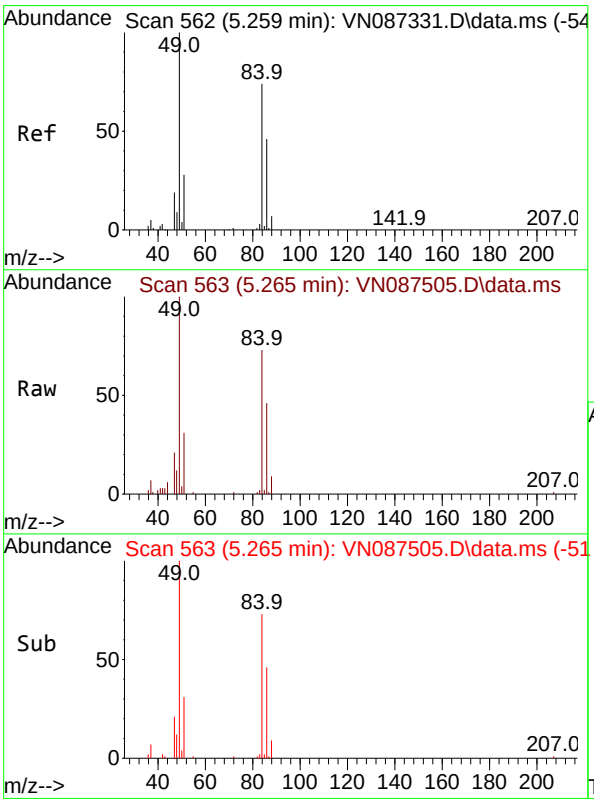
Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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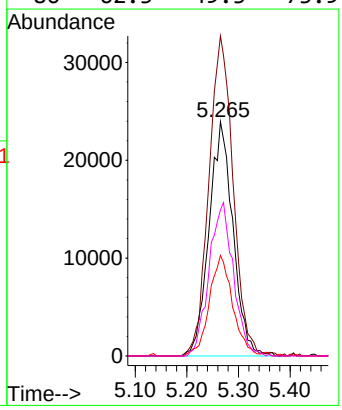
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

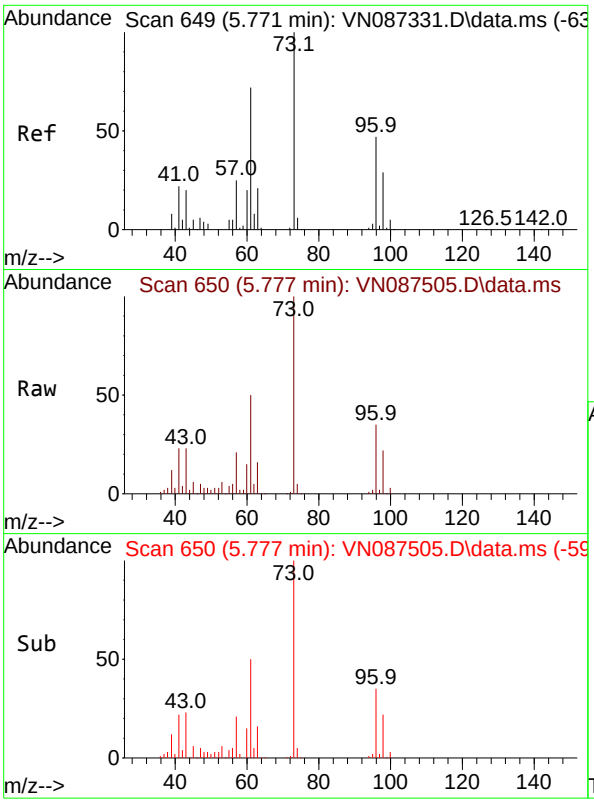


#20
Methylene Chloride
Concen: 19.180 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 84 Resp: 77076

Ion	Ratio	Lower	Upper
84	100		
49	136.6	107.5	161.3
51	42.9	30.2	45.2
86	62.3	49.3	73.9

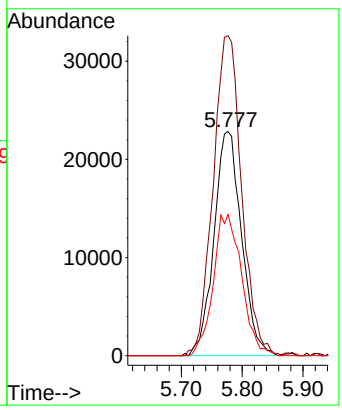




#21
trans-1,2-Dichloroethene
Concen: 19.105 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 96 Resp: 7201

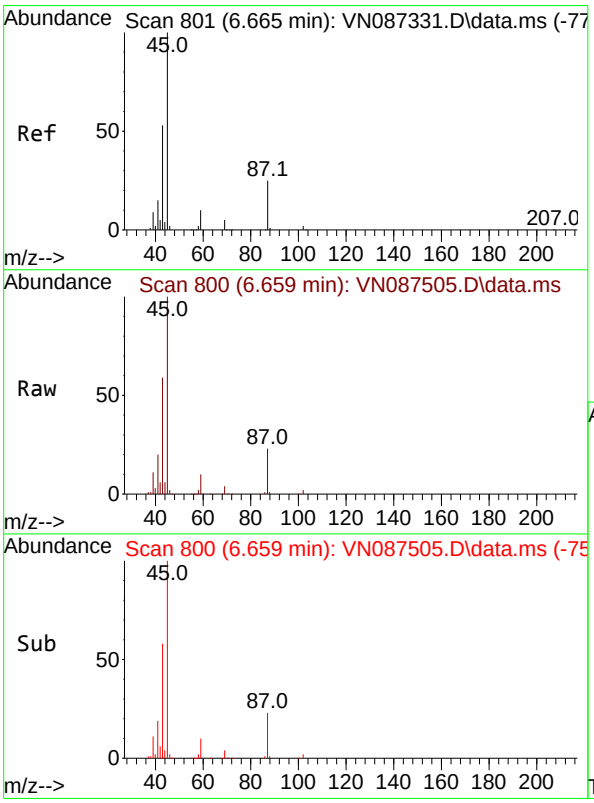
Ion	Ratio	Lower	Upper
96	100		
61	142.7	122.0	183.0
98	63.0	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

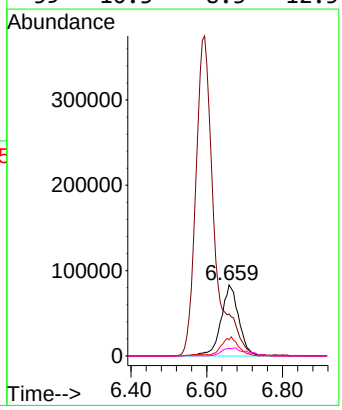
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

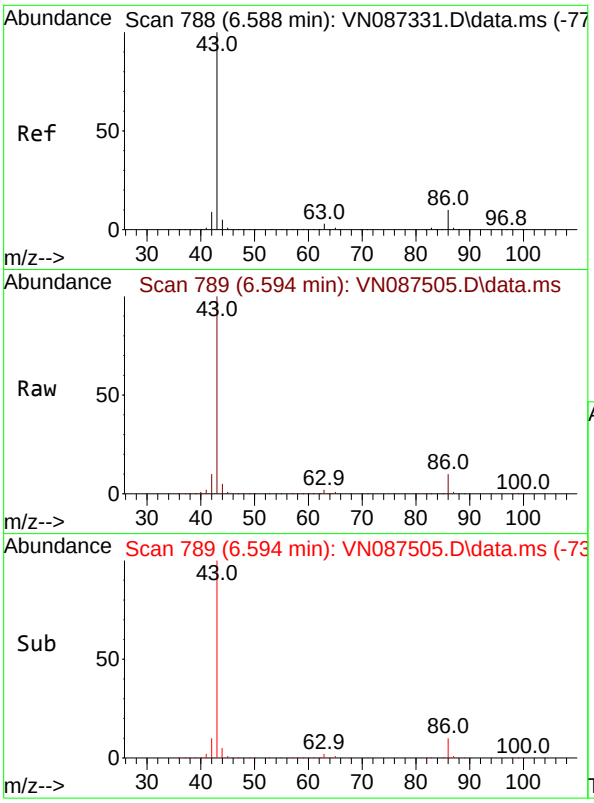


#22
Diisopropyl ether
Concen: 21.404 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 45 Resp: 271606

Ion	Ratio	Lower	Upper
45	100		
43	58.1	42.8	64.2
87	22.7	19.8	29.6
59	10.3	8.3	12.5





#23
Vinyl Acetate
Concen: 113.358 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

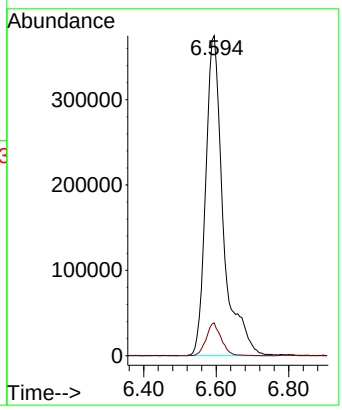
Tgt Ion: 43 Resp: 125808

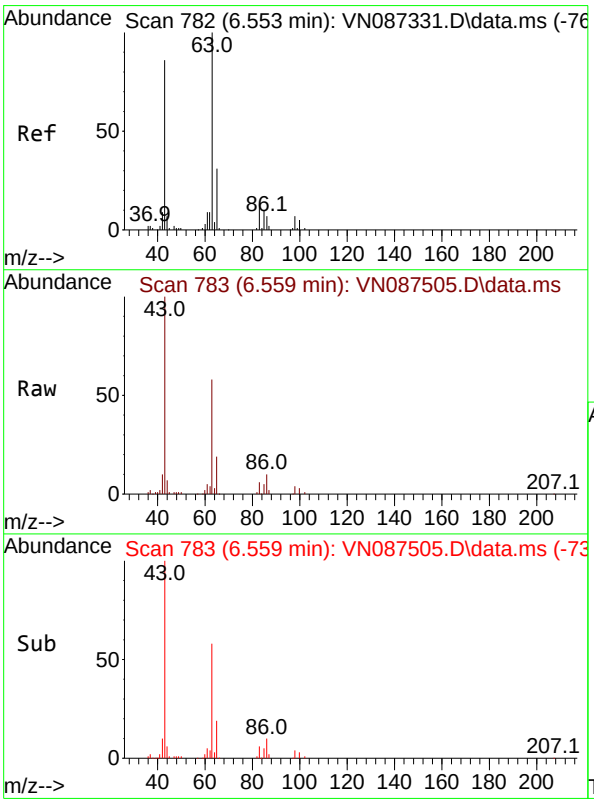
Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.7	11.5

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

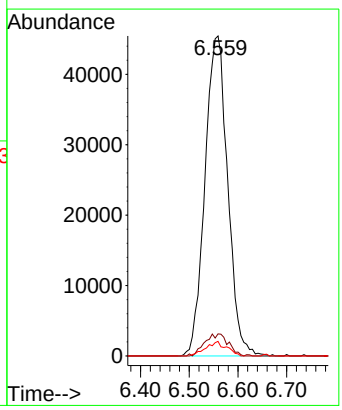


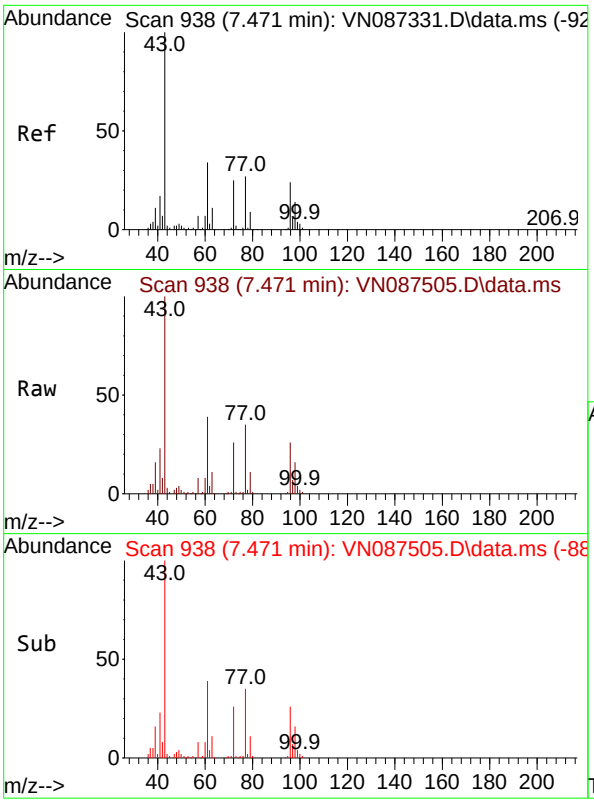


#24
1,1-Dichloroethane
Concen: 20.141 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 63 Resp: 147450

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.6	2.5	7.4

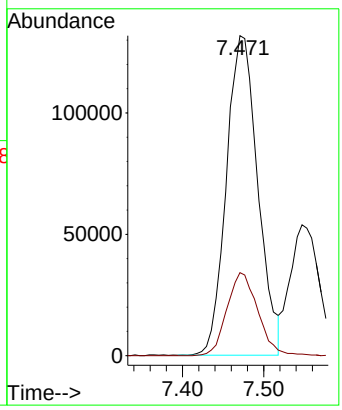




#25
2-Butanone
Concen: 98.514 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 35454

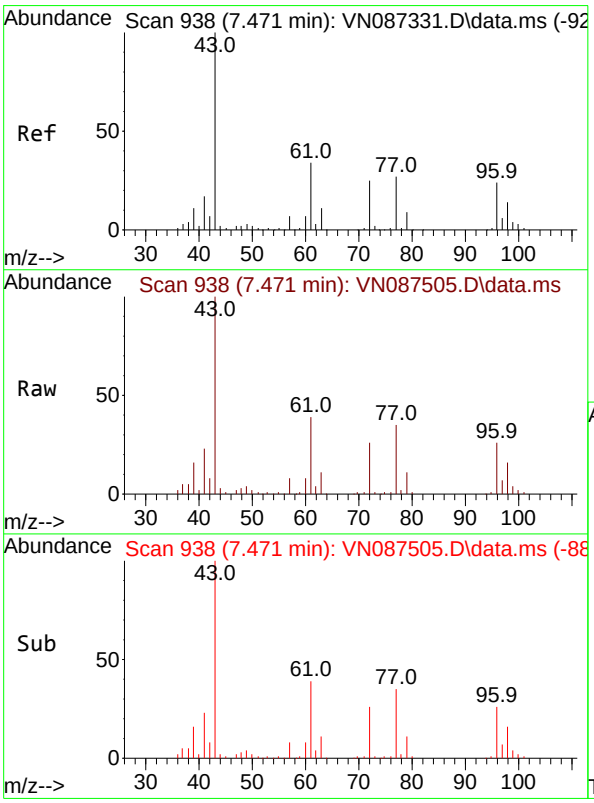
Ion	Ratio	Lower	Upper
43	100		
72	26.0	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

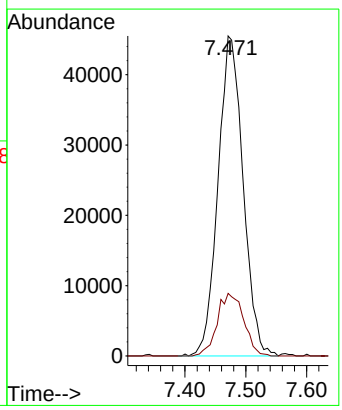
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

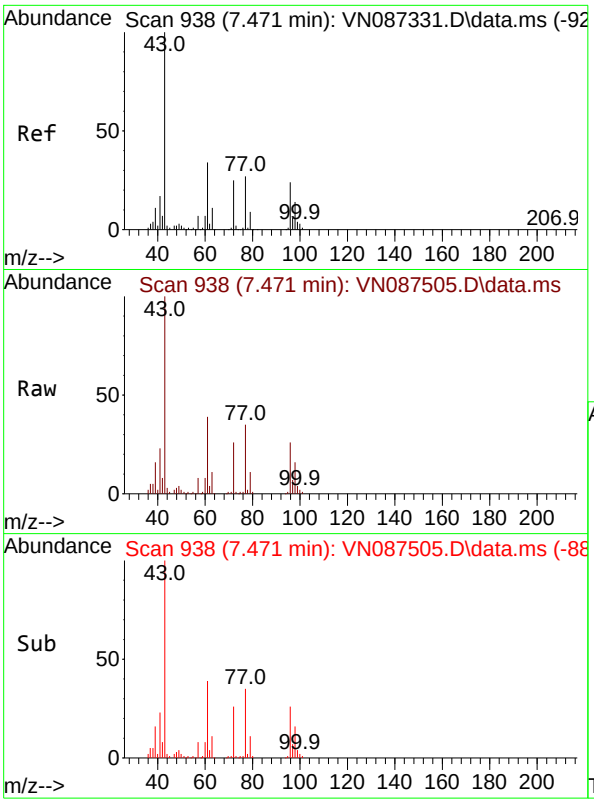


#26
2,2-Dichloropropane
Concen: 22.845 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 77 Resp: 130032

Ion	Ratio	Lower	Upper
77	100		
97	20.7	11.1	33.1

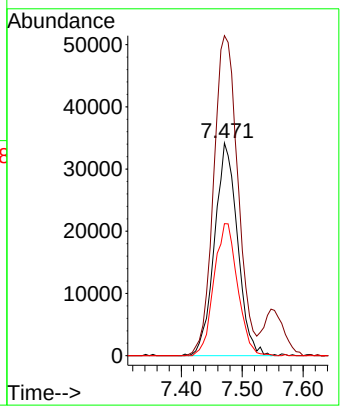




#27
cis-1,2-Dichloroethene
Concen: 20.639 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 96 Resp: 8956

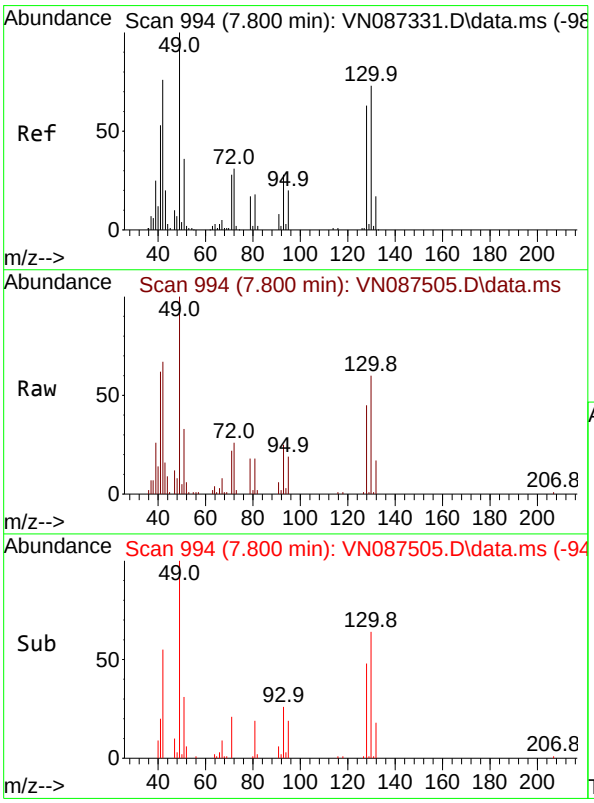
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	297.8
98	63.7	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

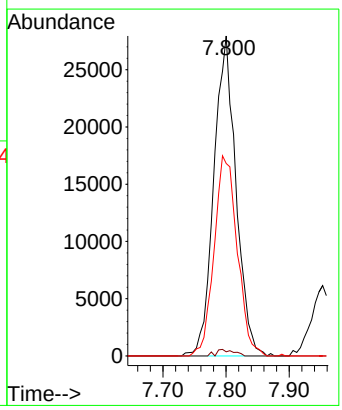
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

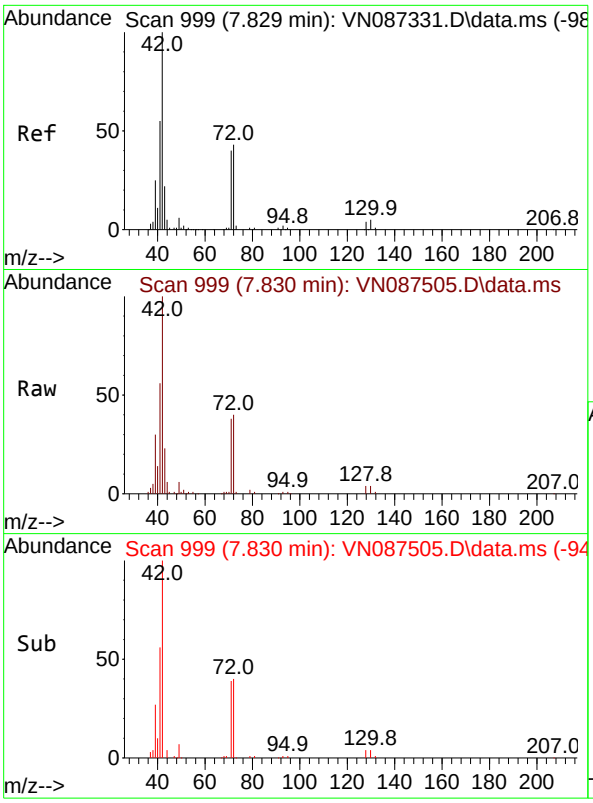


#28
Bromochloromethane
Concen: 19.415 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 49 Resp: 68027

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	65.5	57.3	85.9

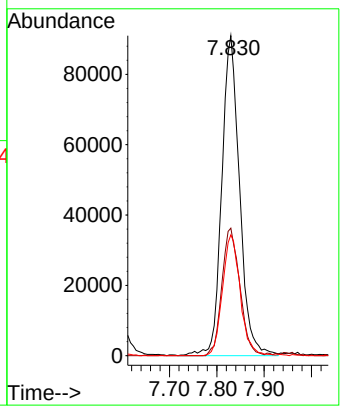




#29
Tetrahydrofuran
Concen: 101.959 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 42 Resp: 23837

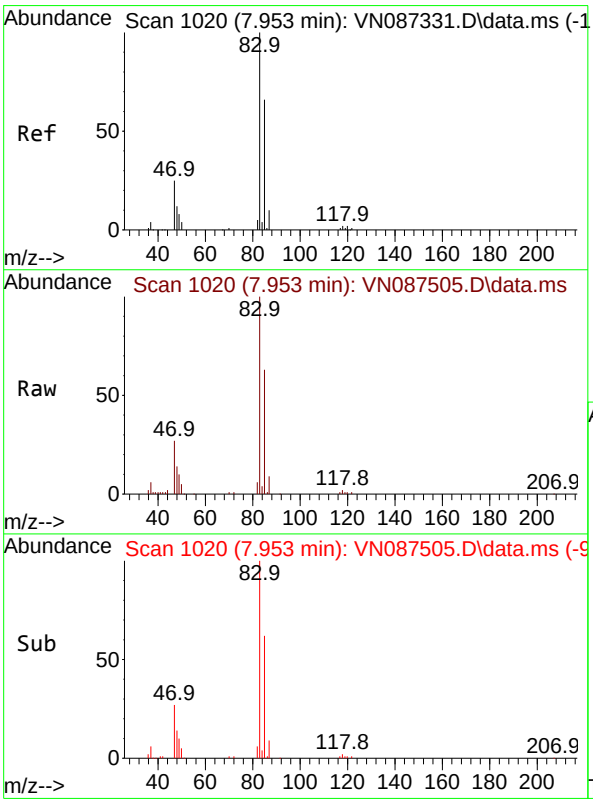
Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.4	50.0
71	37.5	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

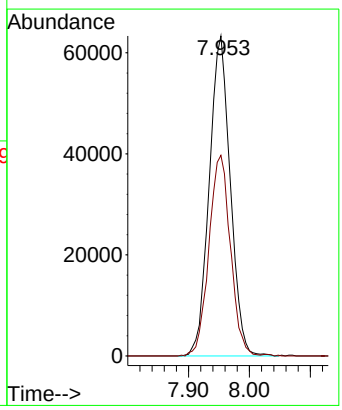
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

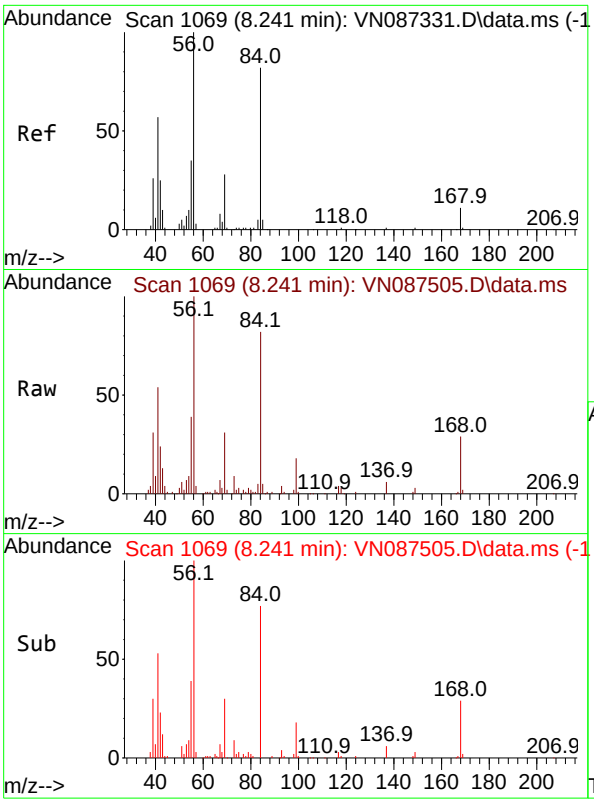


#30
Chloroform
Concen: 20.722 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 83 Resp: 151851

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.7	79.1

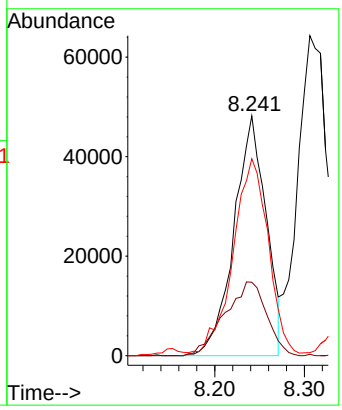




#31
Cyclohexane
Concen: 19.621 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 56 Resp: 11983

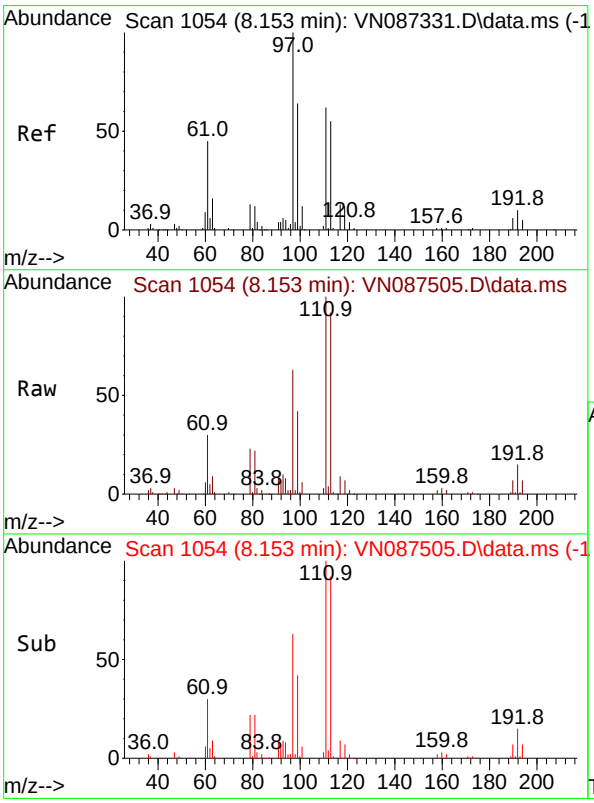
Ion	Ratio	Lower	Upper
56	100		
69	30.6	22.7	34.1
84	80.2	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

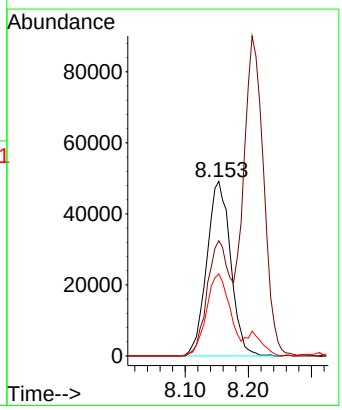
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

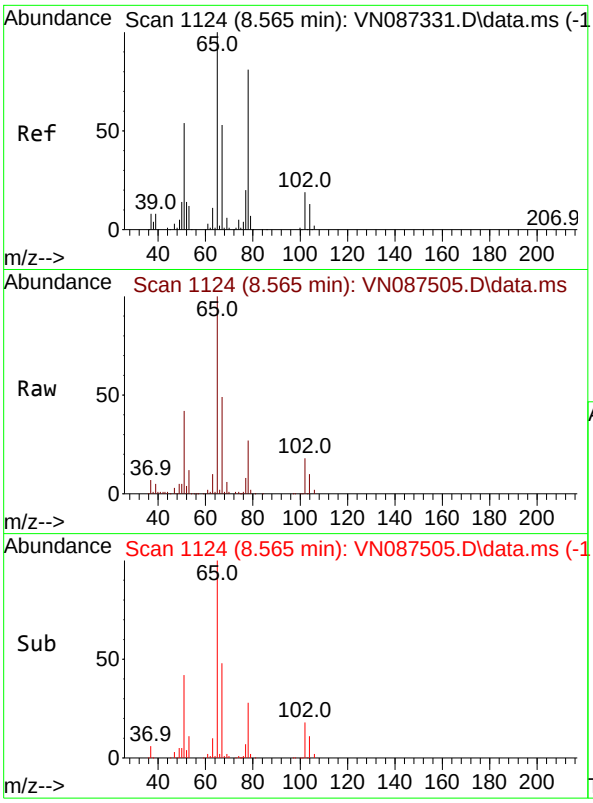


#32
1,1,1-Trichloroethane
Concen: 20.295 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 97 Resp: 128806

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	46.6	38.7	58.1

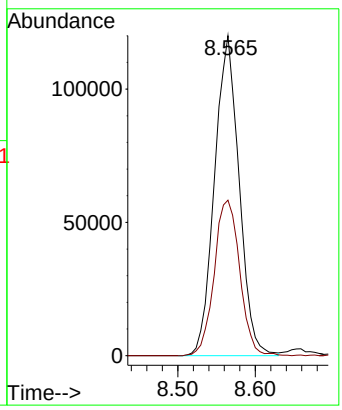




#33
1,2-Dichloroethane-d4
Concen: 53.327 ug/l
RT: 8.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 65 Resp: 26491

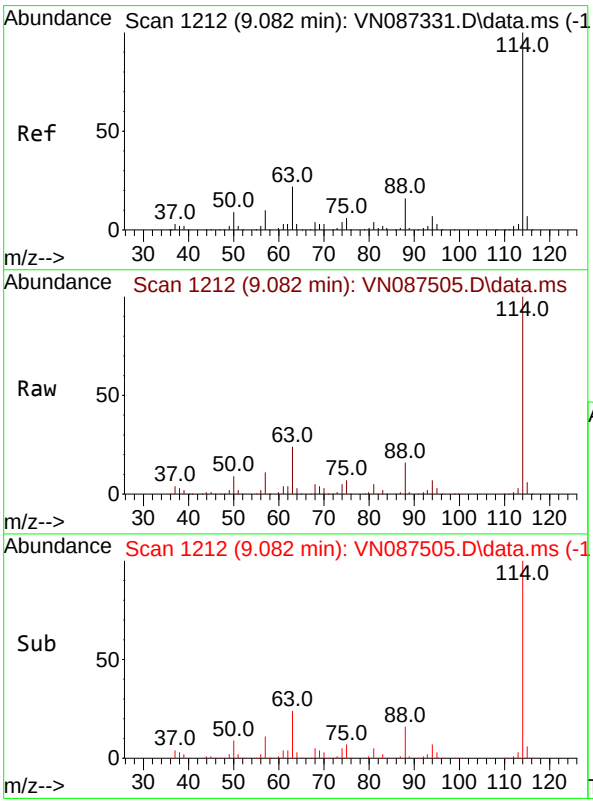
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

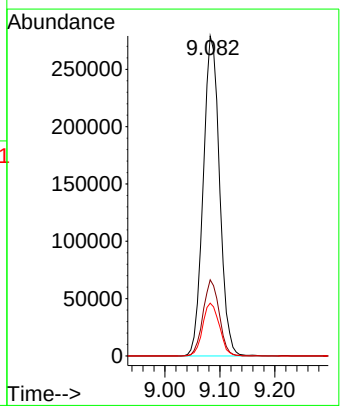
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

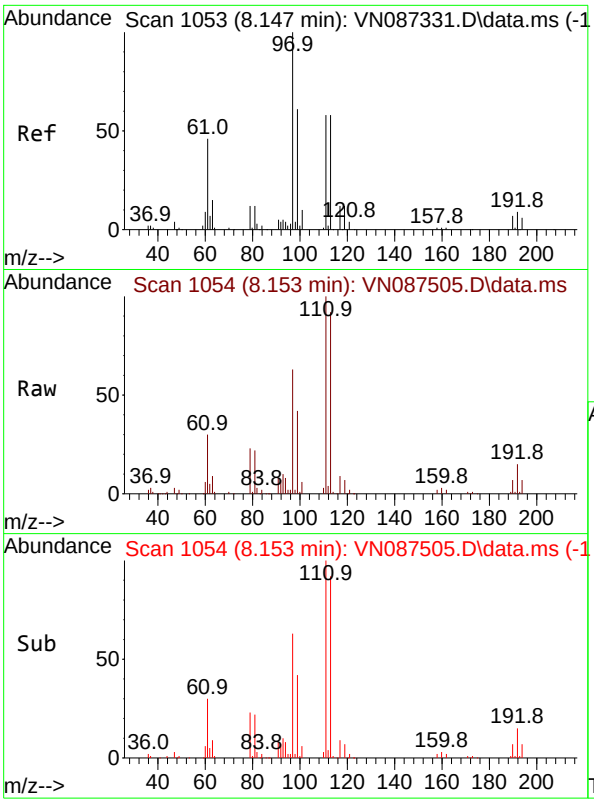


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:114 Resp: 576676

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	44.6
88	16.5	0.0	32.8

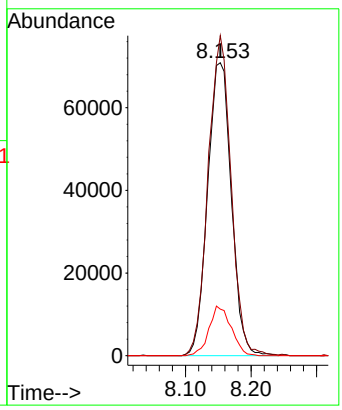




#35
Dibromofluoromethane
Concen: 44.814 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:113 Resp: 17826

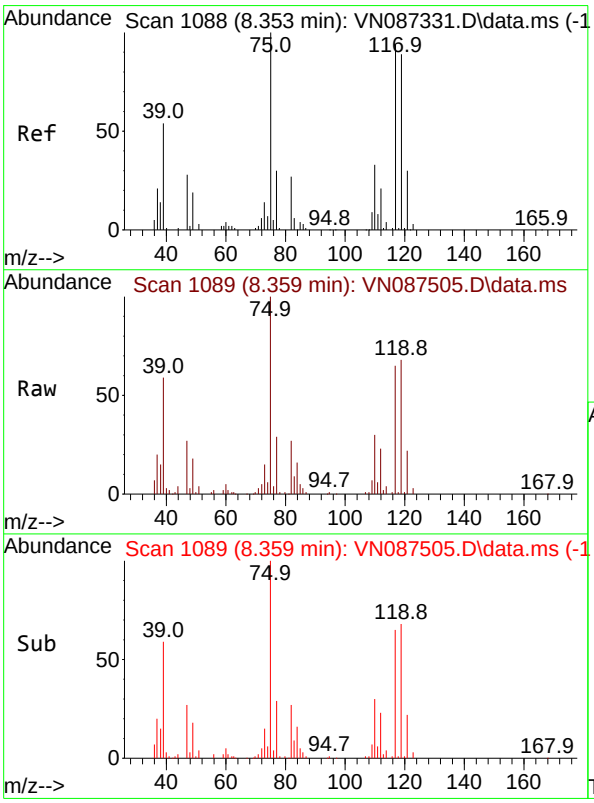
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.5	123.7
192	15.8	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

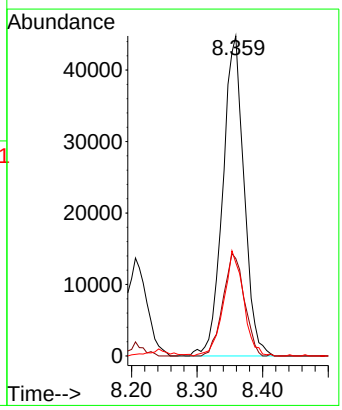
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

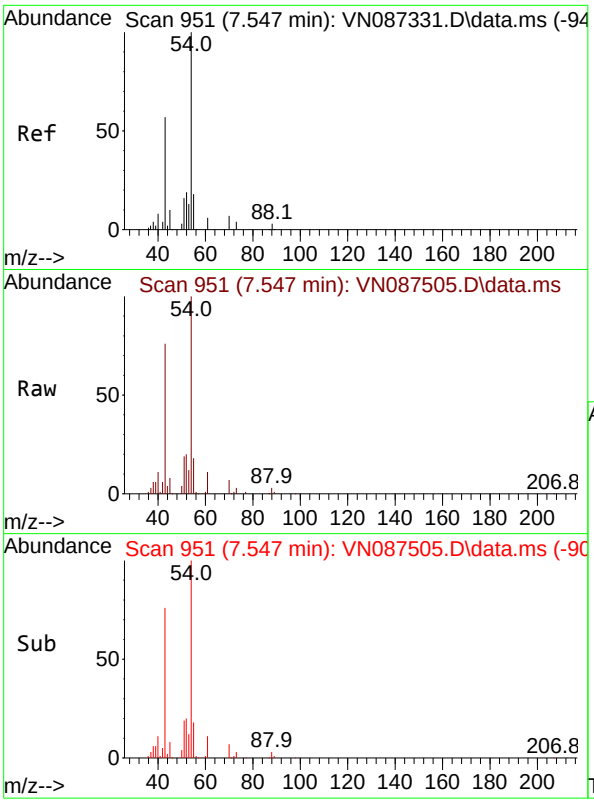


#36
1,1-Dichloropropene
Concen: 19.137 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 100577

Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.7	50.1
77	31.0	25.2	37.8

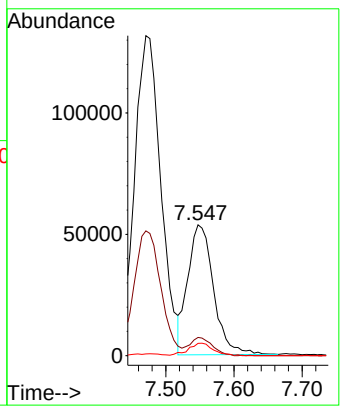




#37
Ethyl Acetate
Concen: 18.493 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 14036

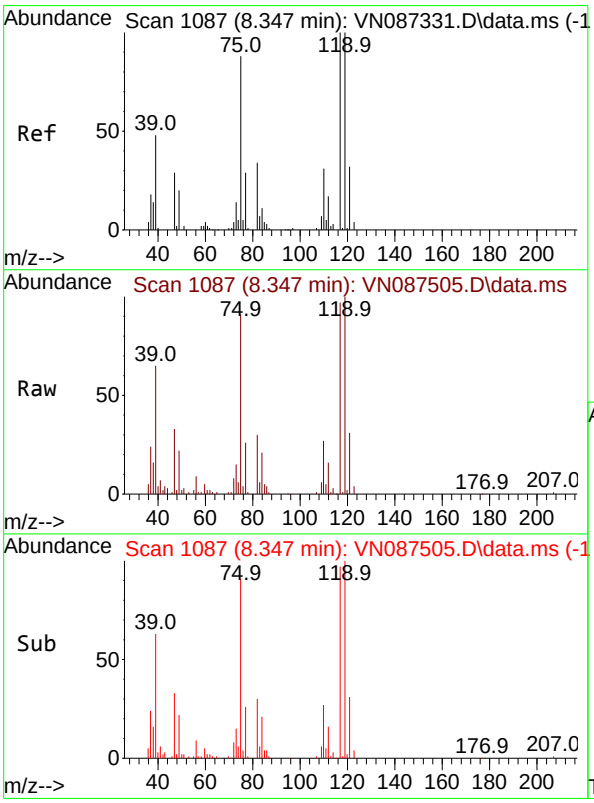
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.9	16.3
70	9.2	7.4	11.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

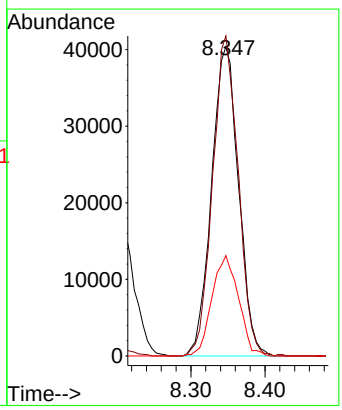
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

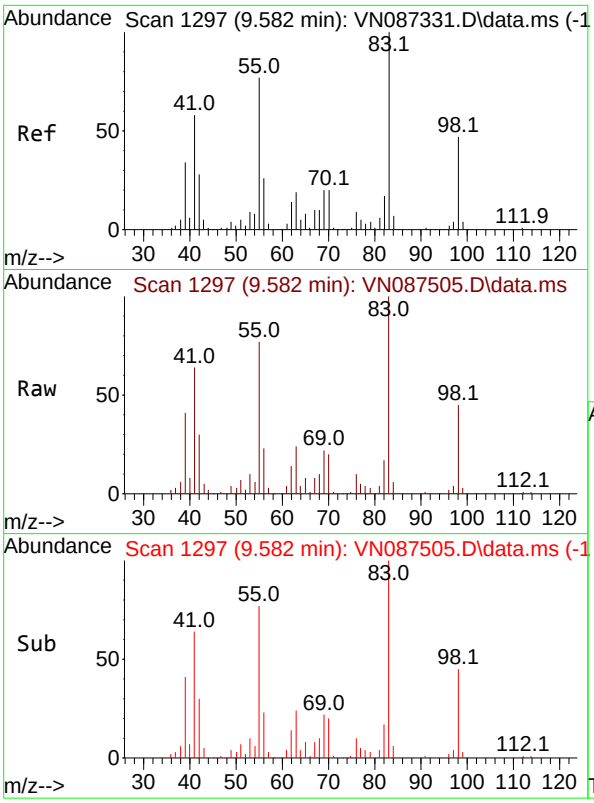


#38
Carbon Tetrachloride
Concen: 17.639 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:117 Resp: 102118

Ion	Ratio	Lower	Upper
117	100		
119	103.5	80.2	120.2
121	32.4	25.4	38.2

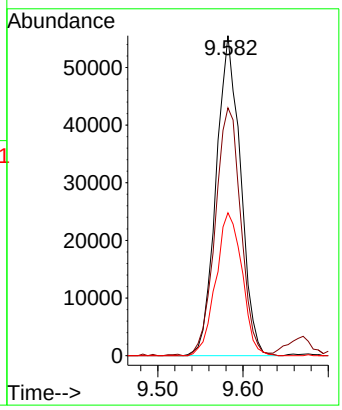




#39
Methylcyclohexane
Concen: 19.431 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 83 Resp: 11056

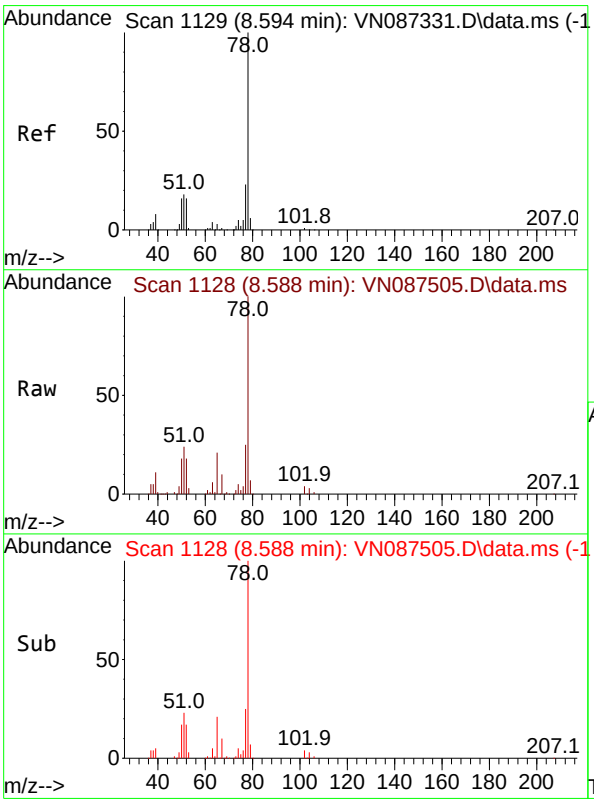
Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.3	91.9
98	44.7	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

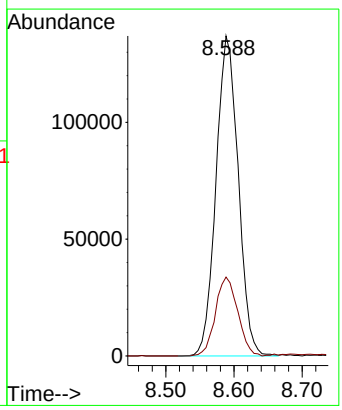
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

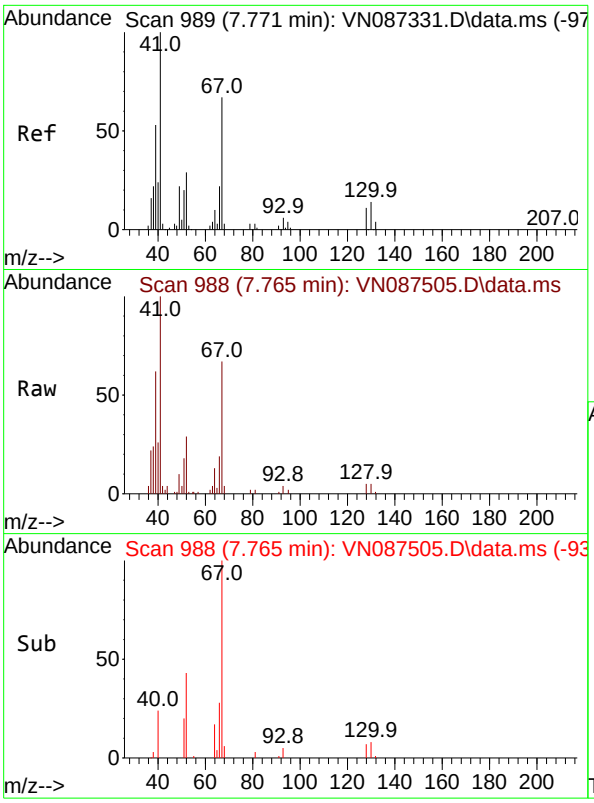


#40
Benzene
Concen: 18.299 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 78 Resp: 310818

Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.2	27.2

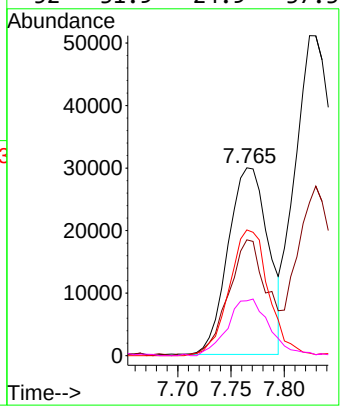




#41
Methacrylonitrile
Concen: 19.790 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 41 Resp: 7854

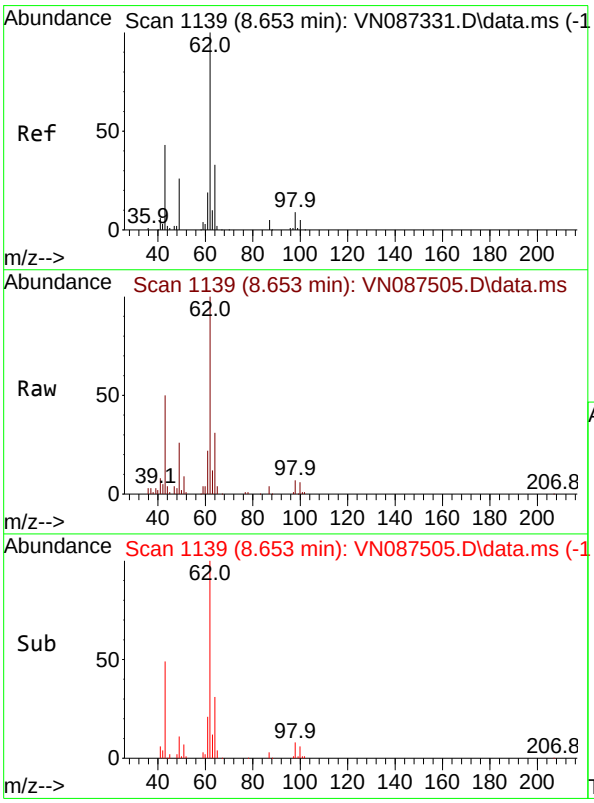
Ion	Ratio	Lower	Upper
41	100		
39	59.1	43.4	65.0
67	65.9	55.1	82.7
52	31.9	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

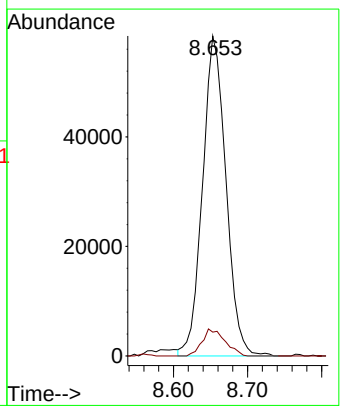
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

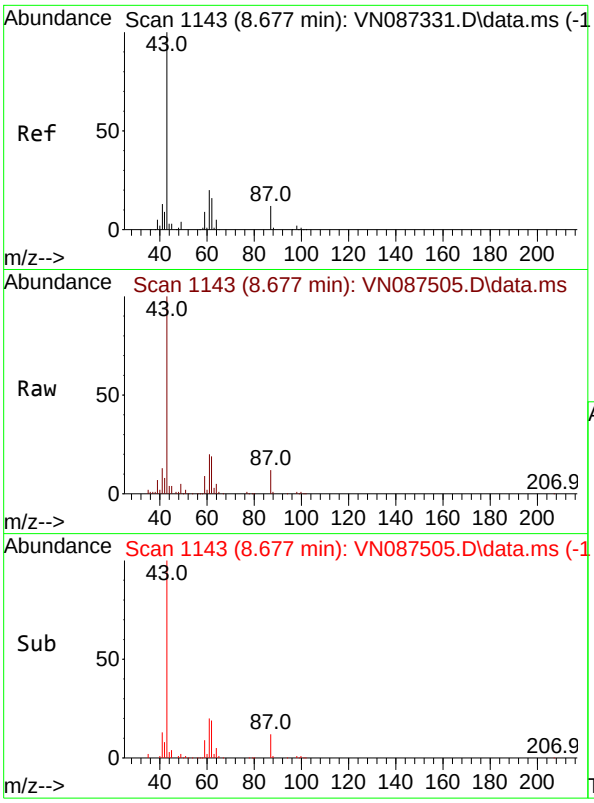


#42
1,2-Dichloroethane
Concen: 19.905 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 62 Resp: 128218

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.846 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

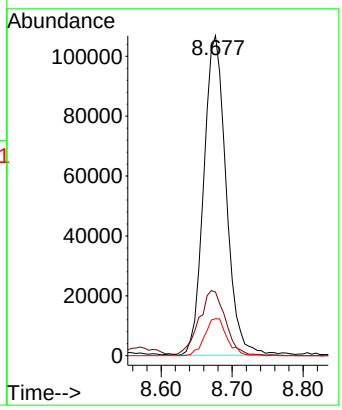
Tgt Ion: 43 Resp: 23384

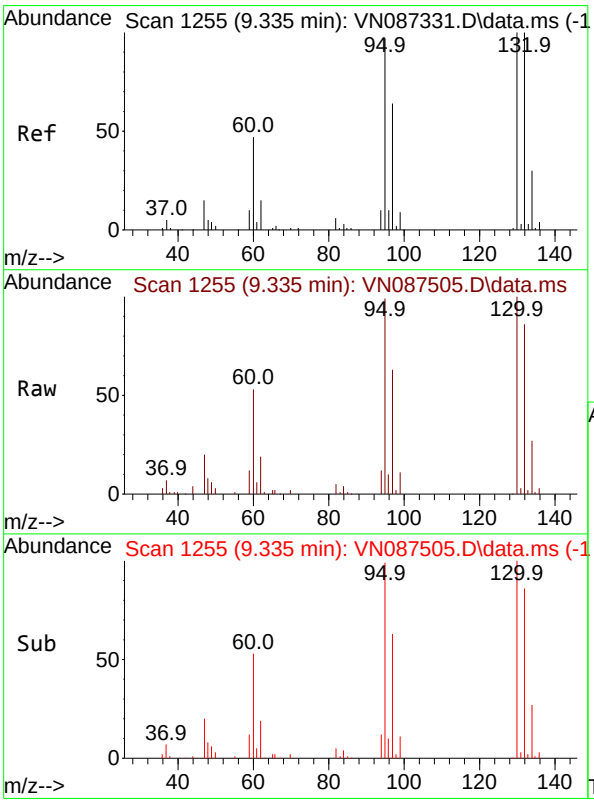
Ion	Ratio	Lower	Upper
43	100		
61	23.9	19.8	29.8
87	11.6	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

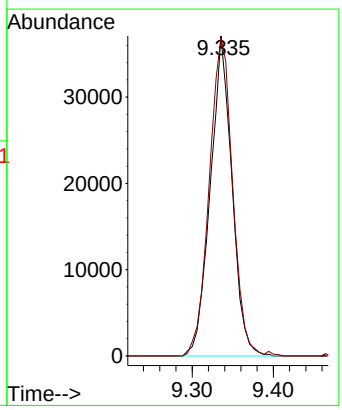


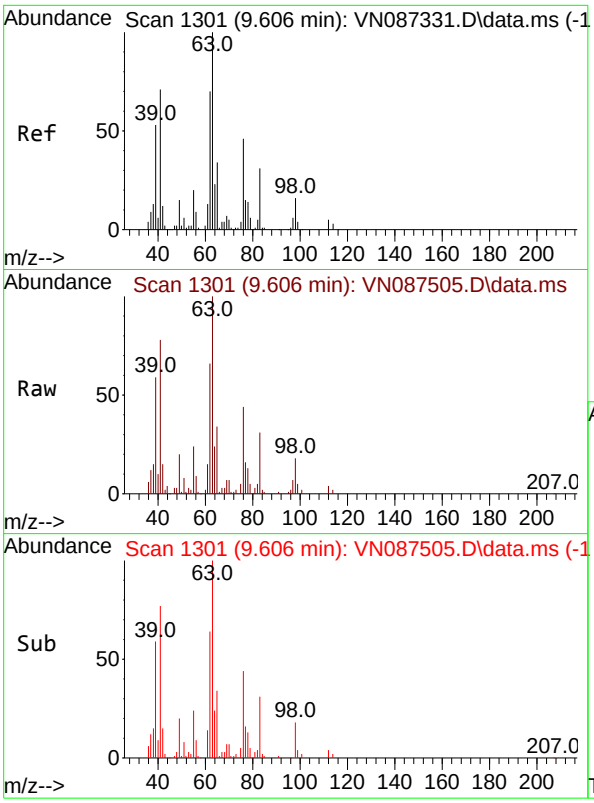


#44
Trichloroethene
Concen: 17.087 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:130 Resp: 68578

Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	195.2

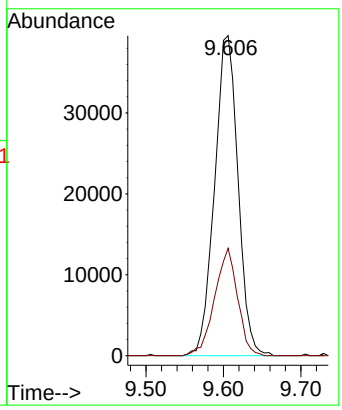




#45
1,2-Dichloropropane
Concen: 19.269 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 63 Resp: 8316

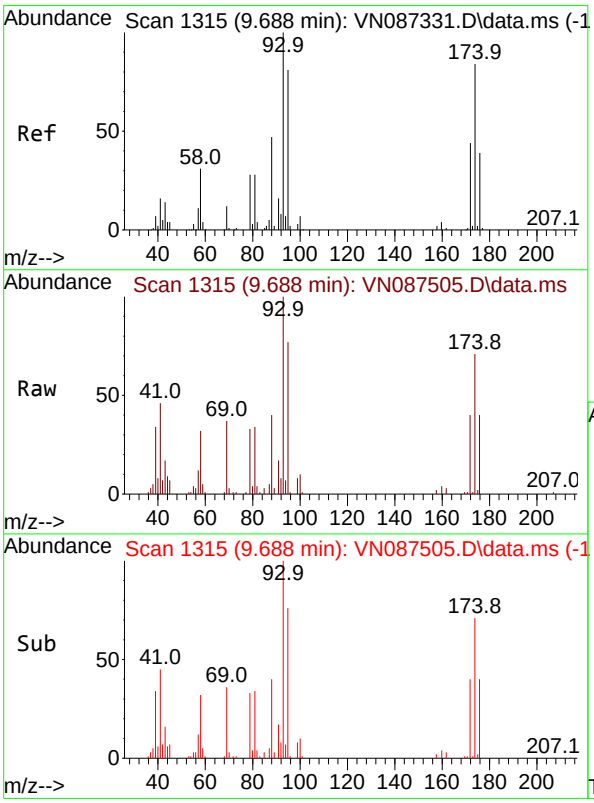
Ion	Ratio	Lower	Upper
63	100		
65	33.5	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

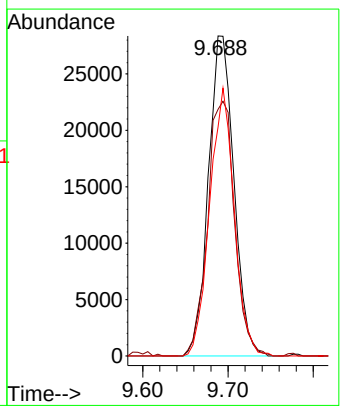
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

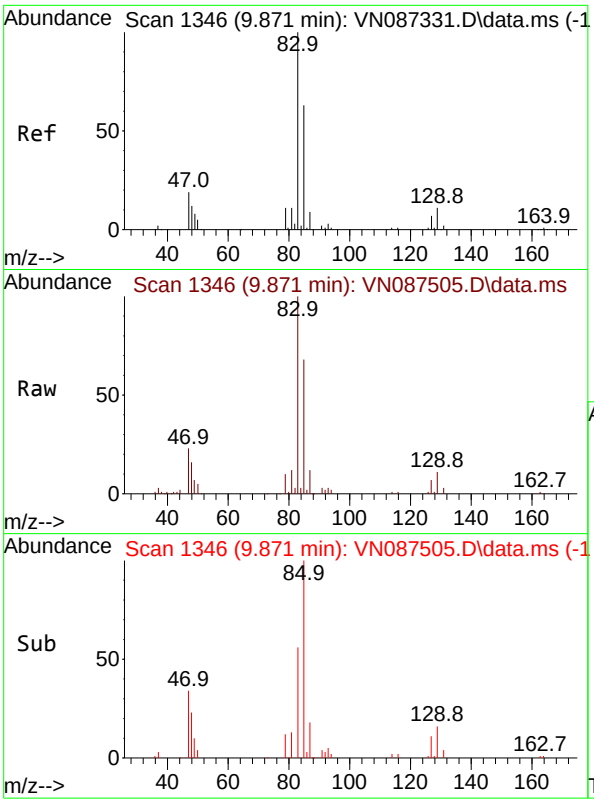


#46
Dibromomethane
Concen: 18.218 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 93 Resp: 58870

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.8	98.8
174	80.8	69.9	104.9

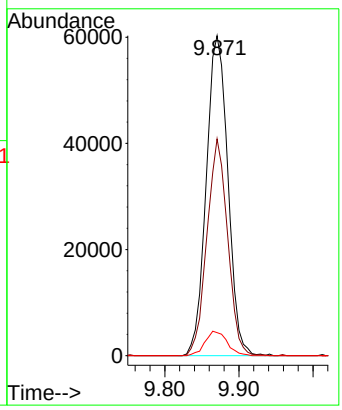




#47
Bromodichloromethane
Concen: 18.758 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 83 Resp: 12209

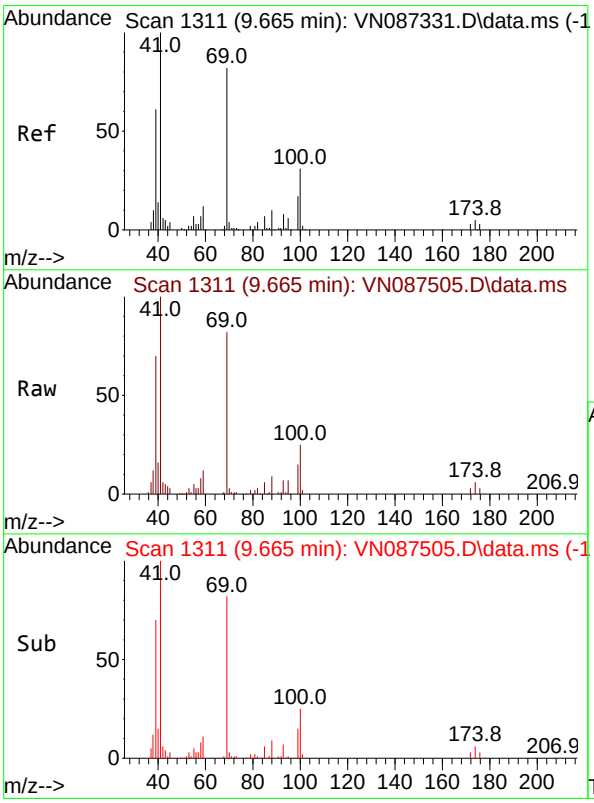
Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.4	75.6
127	7.2	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

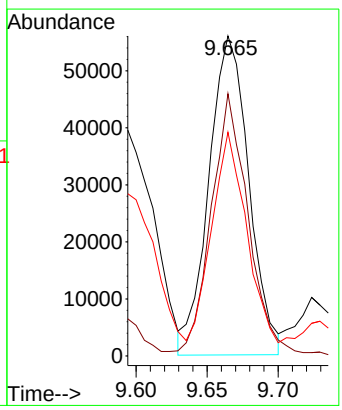
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

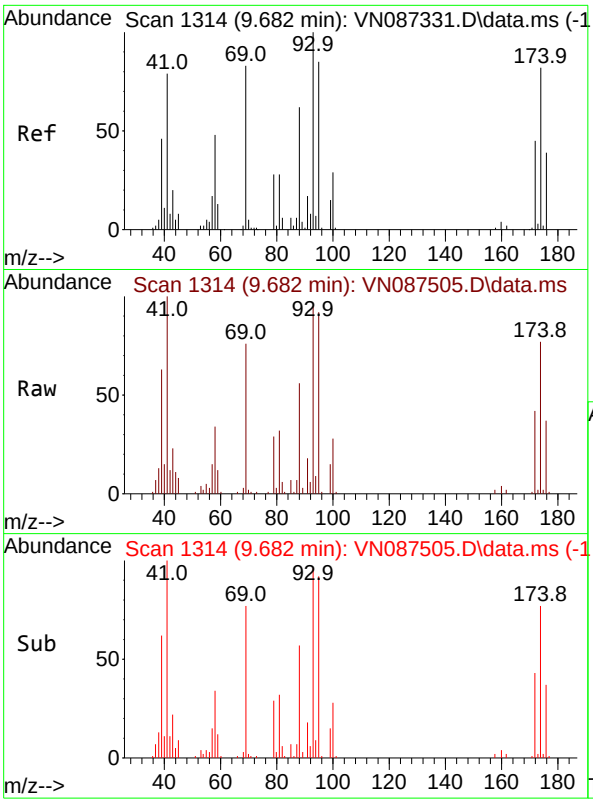


#48
Methyl methacrylate
Concen: 20.658 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 41 Resp: 109579

Ion	Ratio	Lower	Upper
41	100		
69	75.6	64.1	96.1
39	66.4	45.5	68.3





#49
1,4-Dioxane
Concen: 361.375 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

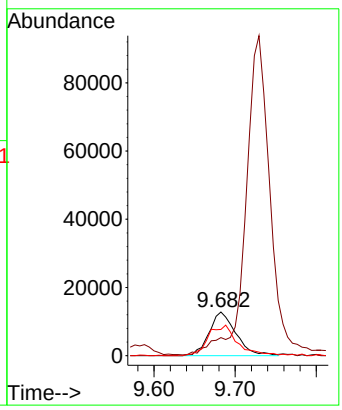
Tgt Ion: 88 Resp: 2935

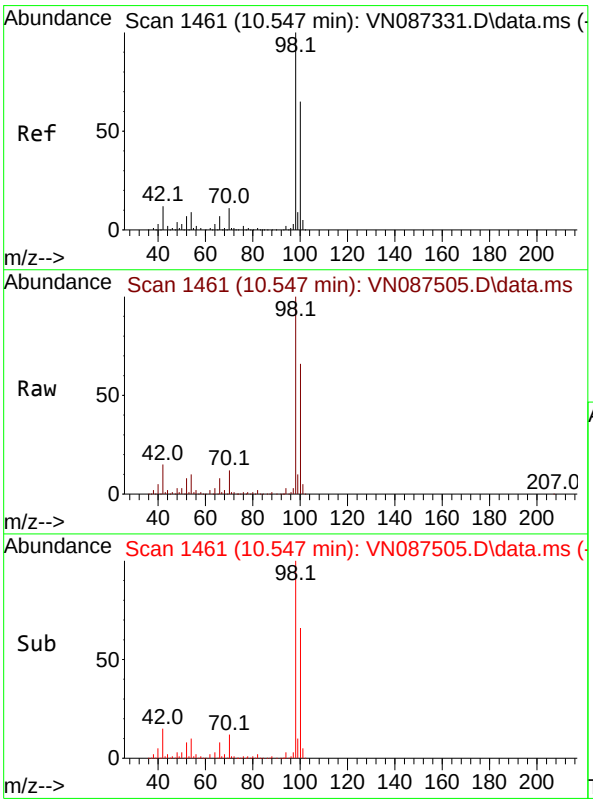
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.7	61.1	91.7

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

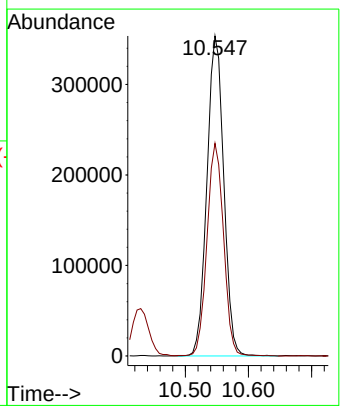


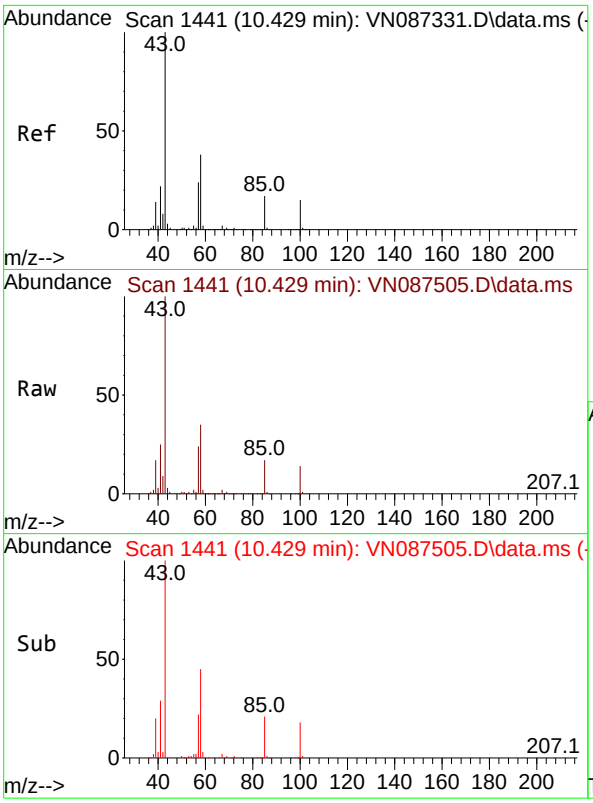


#50
Toluene-d8
Concen: 46.161 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 98 Resp: 655005

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1

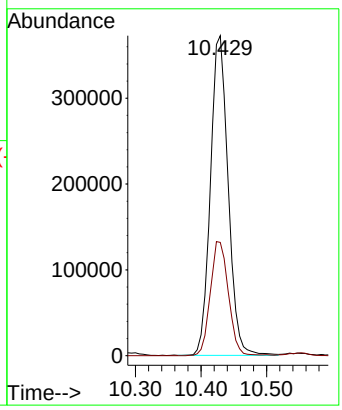




#51
4-Methyl-2-Pentanone
Concen: 93.893 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 69971

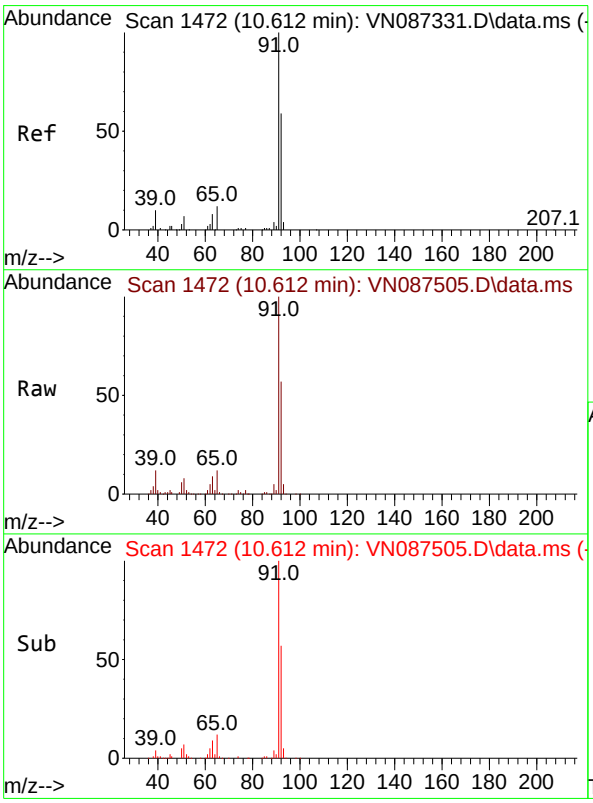
Ion	Ratio	Lower	Upper
43	100		
58	36.5	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

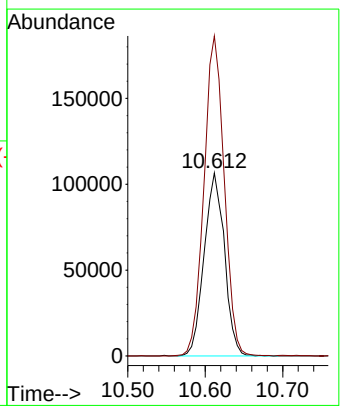
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

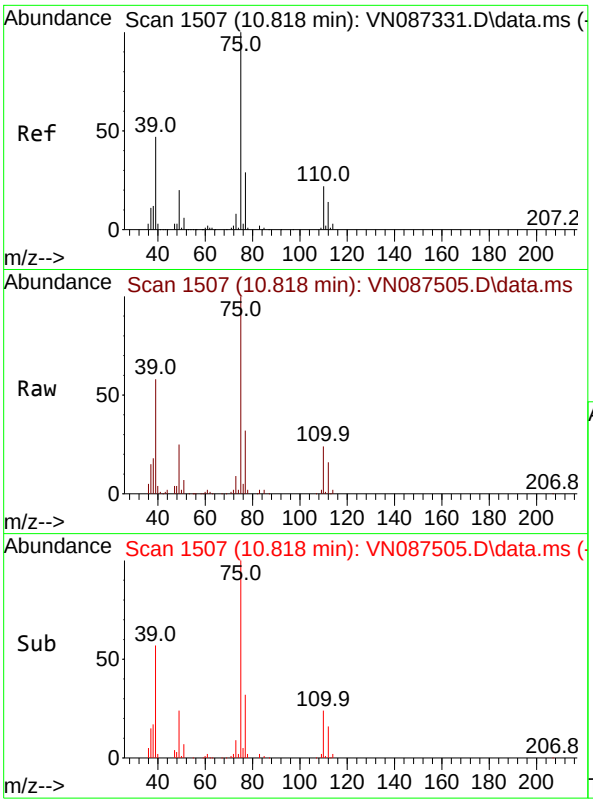


#52
Toluene
Concen: 18.783 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 92 Resp: 193918

Ion	Ratio	Lower	Upper
92	100		
91	174.4	135.1	202.7

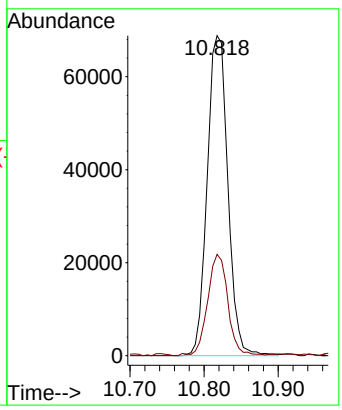




#53
t-1,3-Dichloropropene
Concen: 20.246 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 13337

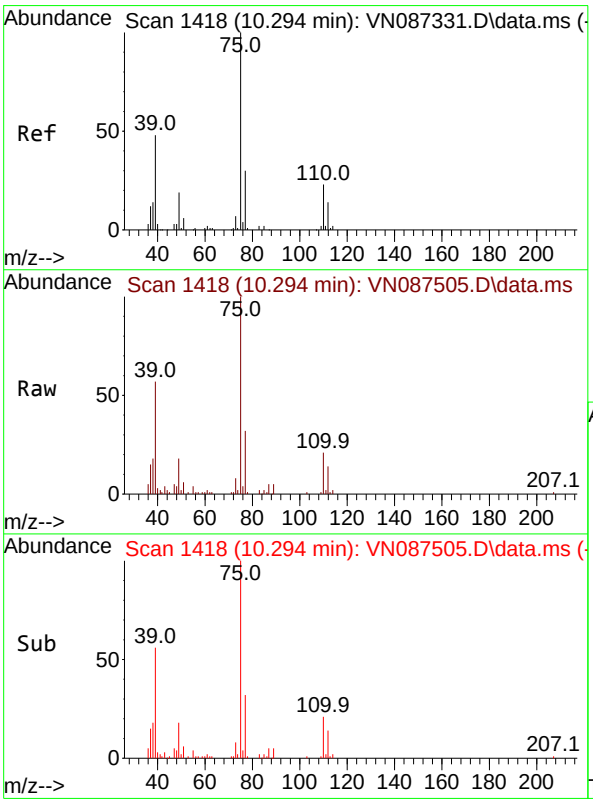
Ion	Ratio	Lower	Upper
75	100		
77	31.6	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

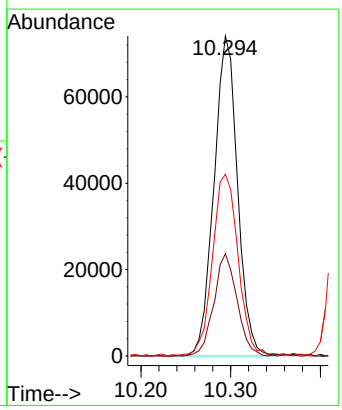
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

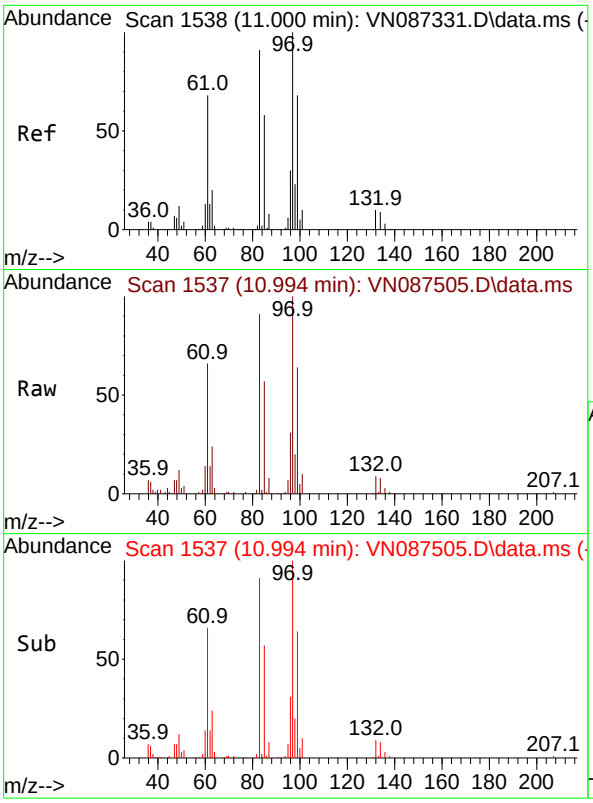


#54
cis-1,3-Dichloropropene
Concen: 19.851 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 135073

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.2	36.2
39	56.6	38.4	57.6

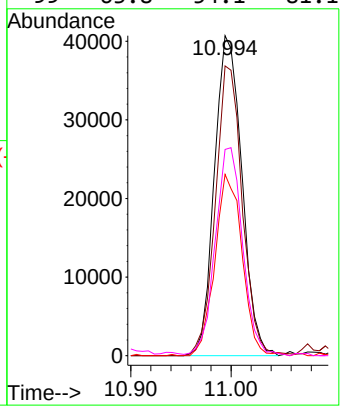




#55
1,1,2-Trichloroethane
Concen: 18.511 ug/l
RT: 10.994 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 97 Resp: 7737

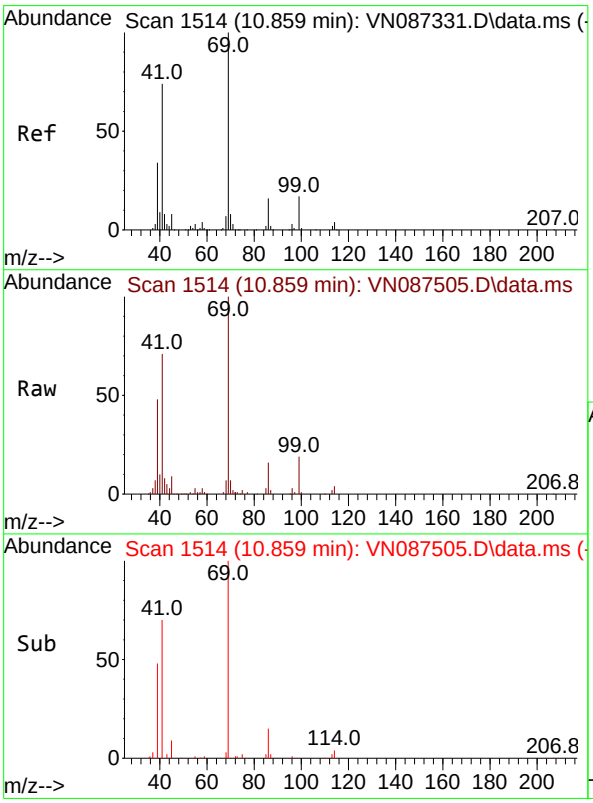
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.6	109.0
85	56.7	46.7	70.1
99	63.8	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

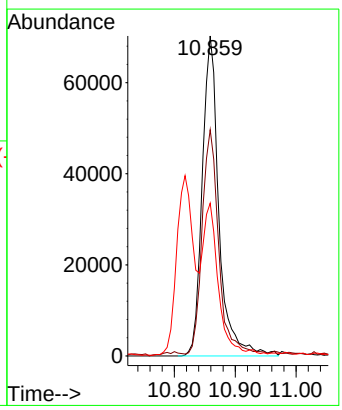
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

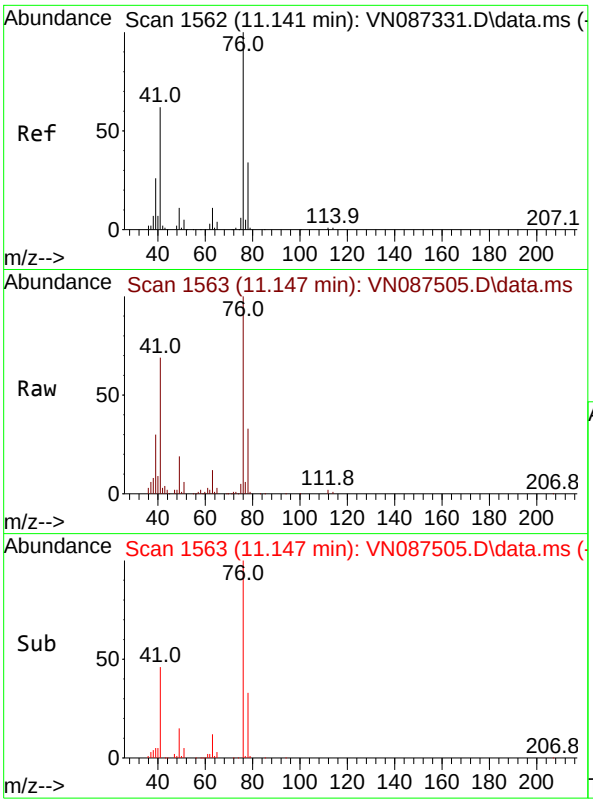


#56
Ethyl methacrylate
Concen: 19.869 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 69 Resp: 134186

Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.1	82.7
39	40.3	27.9	41.9

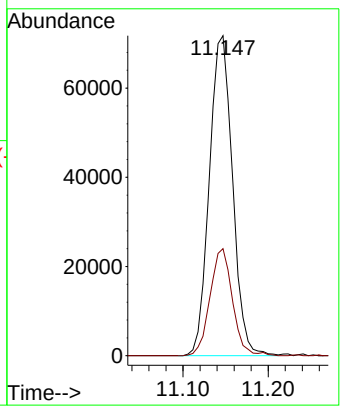




#57
1,3-Dichloropropane
Concen: 18.794 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 76 Resp: 13582

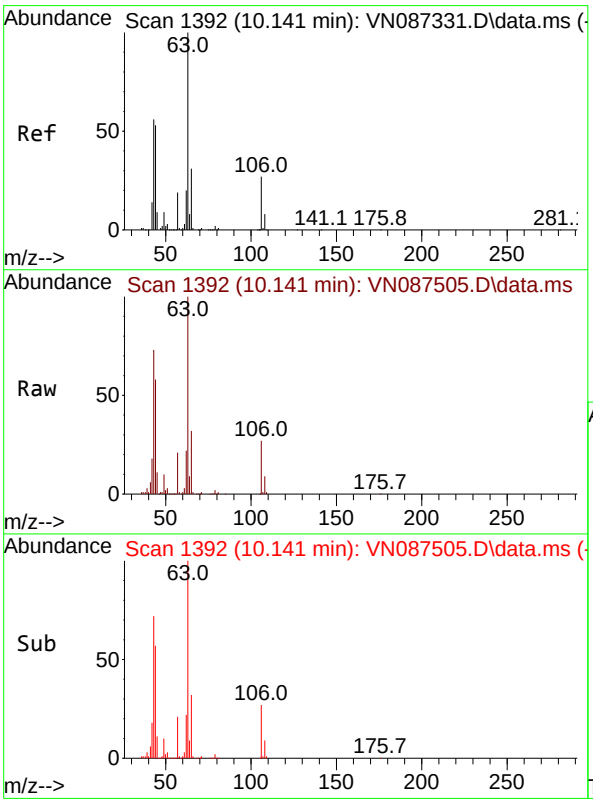
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

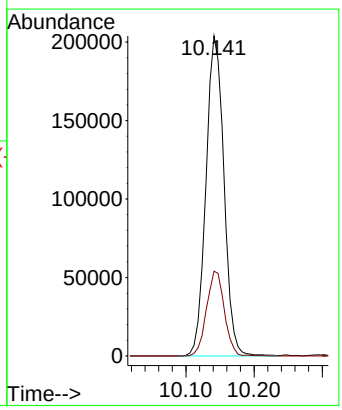
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

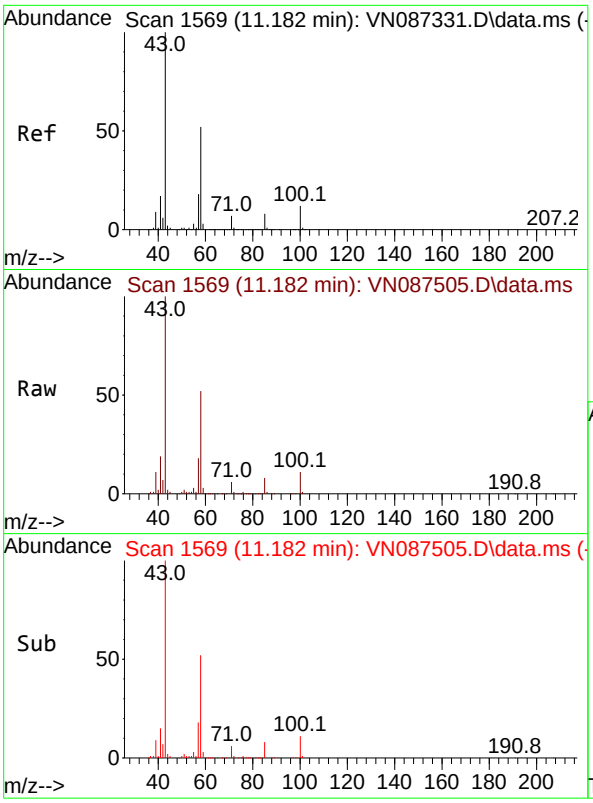


#58
2-Chloroethyl Vinyl ether
Concen: 109.124 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 63 Resp: 374162

Ion	Ratio	Lower	Upper
63	100		
106	26.2	21.7	32.5





#59
2-Hexanone
Concen: 92.251 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

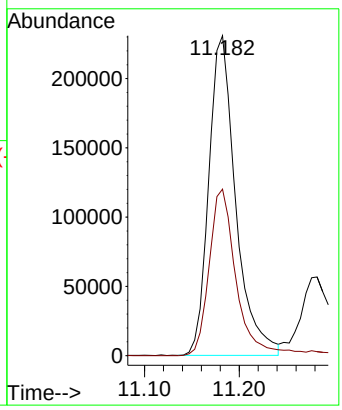
Tgt Ion: 43 Resp: 45611

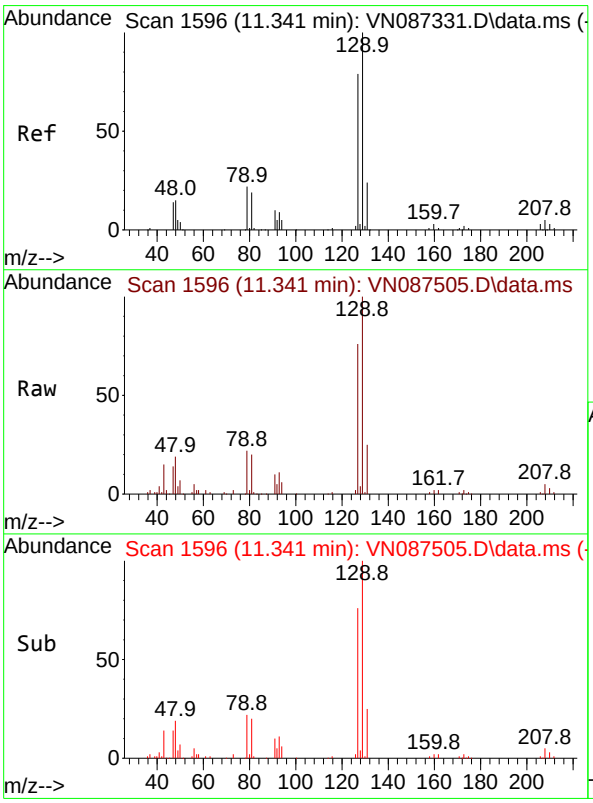
Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

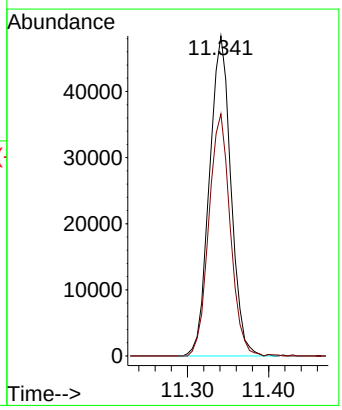


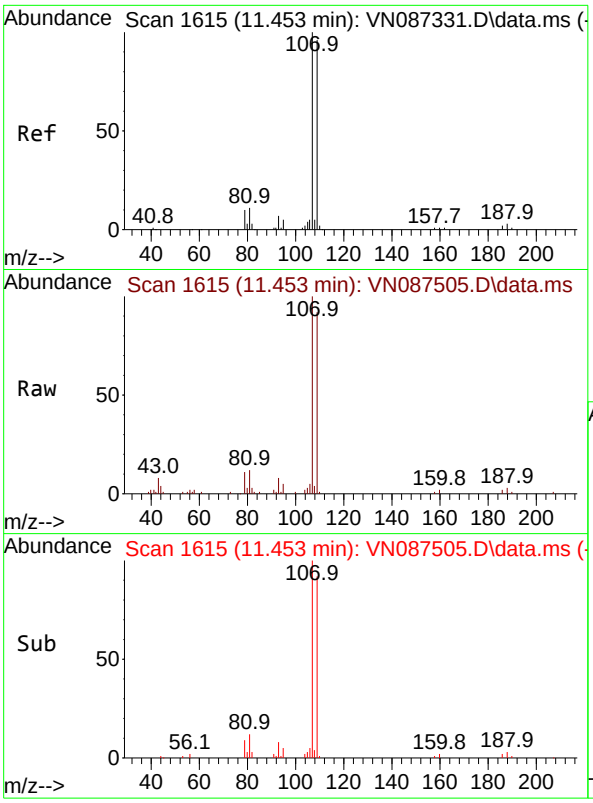


#60
Dibromochloromethane
Concen: 18.662 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:129 Resp: 88960

Ion	Ratio	Lower	Upper
129	100		
127	75.2	39.1	117.5

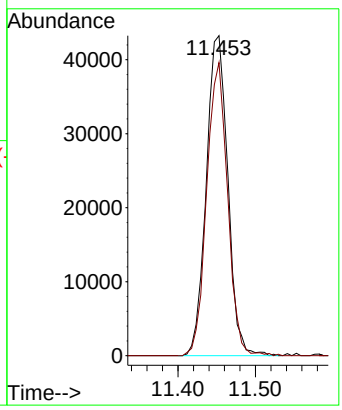




#61
1,2-Dibromoethane
Concen: 18.989 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:107 Resp: 8345

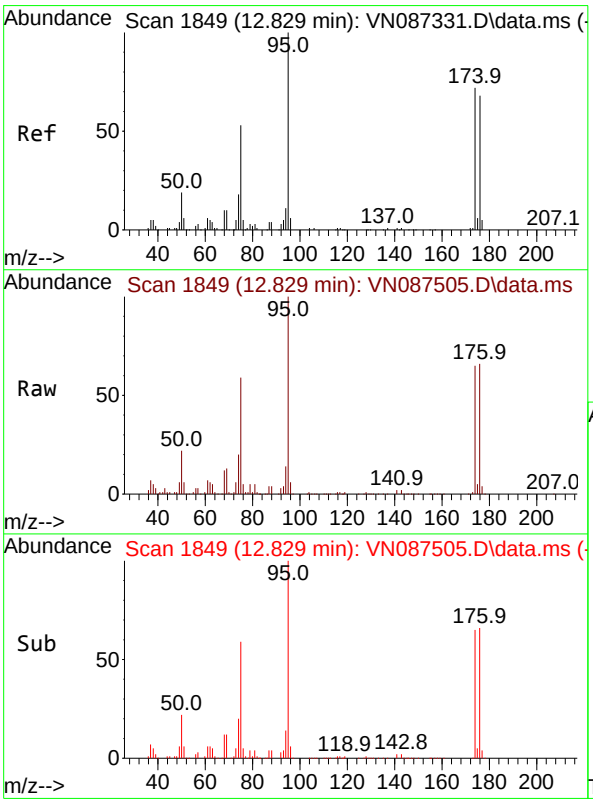
Ion	Ratio	Lower	Upper
107	100		
109	88.9	77.5	116.3



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

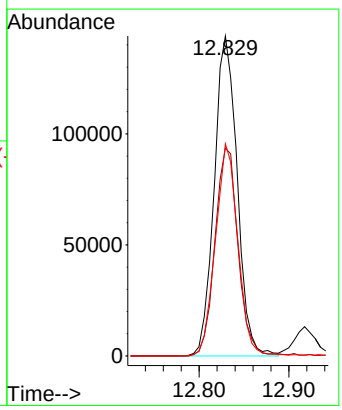
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

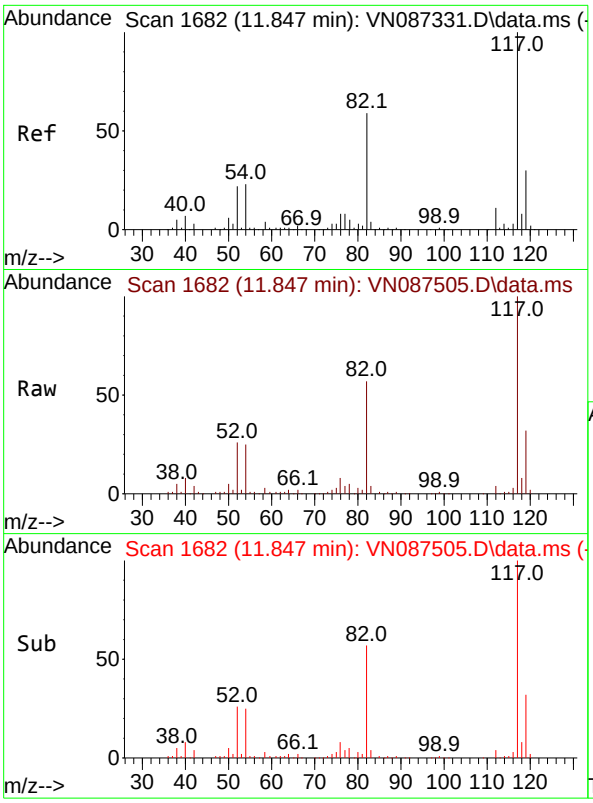


#62
4-Bromofluorobenzene
Concen: 48.740 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 95 Resp: 255516

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	149.4
176	64.8	0.0	141.2

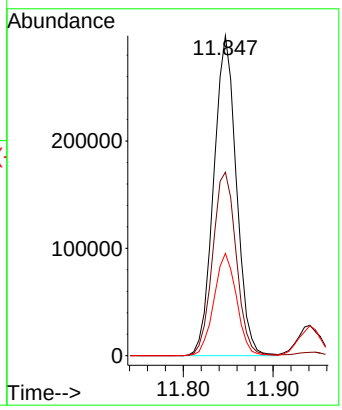




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:117 Resp: 52324

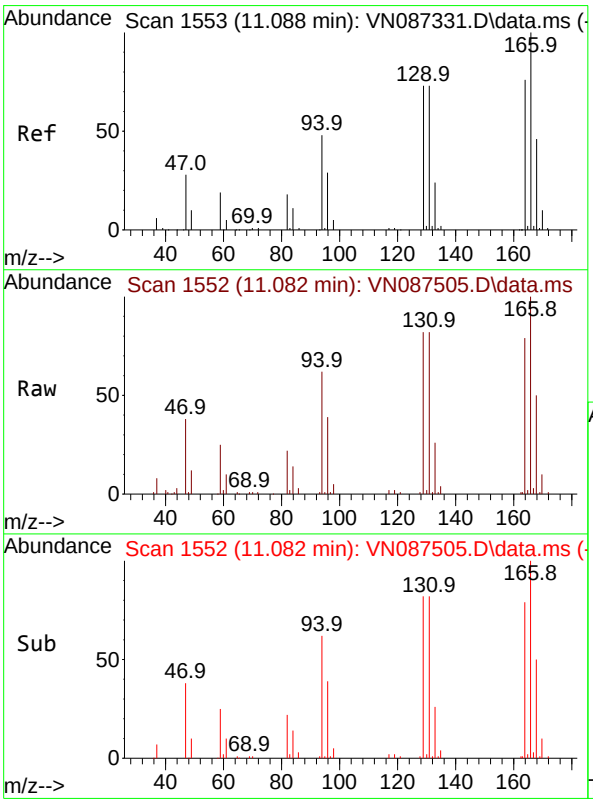
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	31.9	23.8	35.8



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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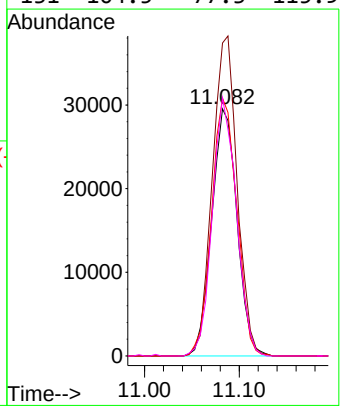
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

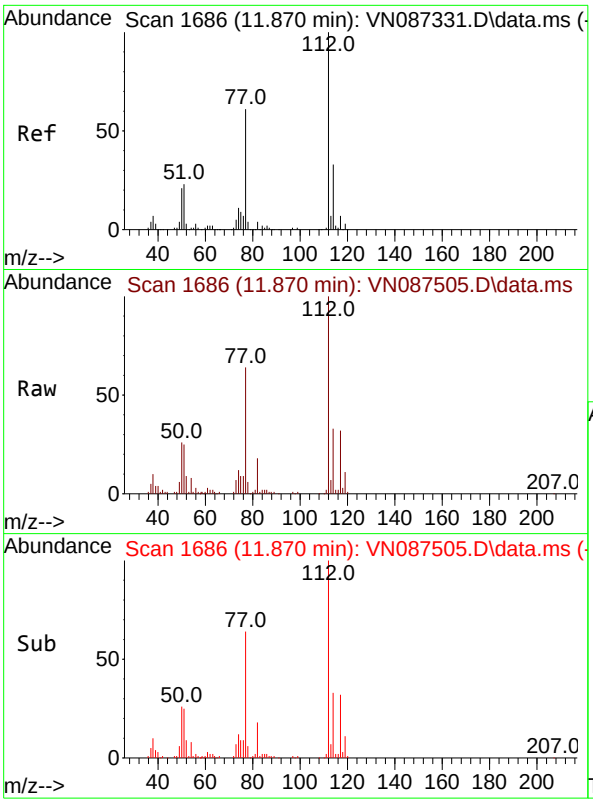


#64
Tetrachloroethene
Concen: 16.247 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:164 Resp: 54713

Ion	Ratio	Lower	Upper
164	100		
166	126.7	105.5	158.3
129	104.3	77.4	116.2
131	104.5	77.3	115.9

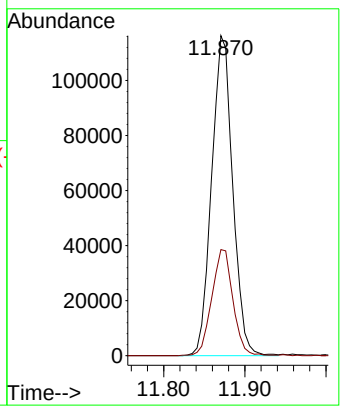




#65
Chlorobenzene
Concen: 17.840 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:112 Resp: 20956

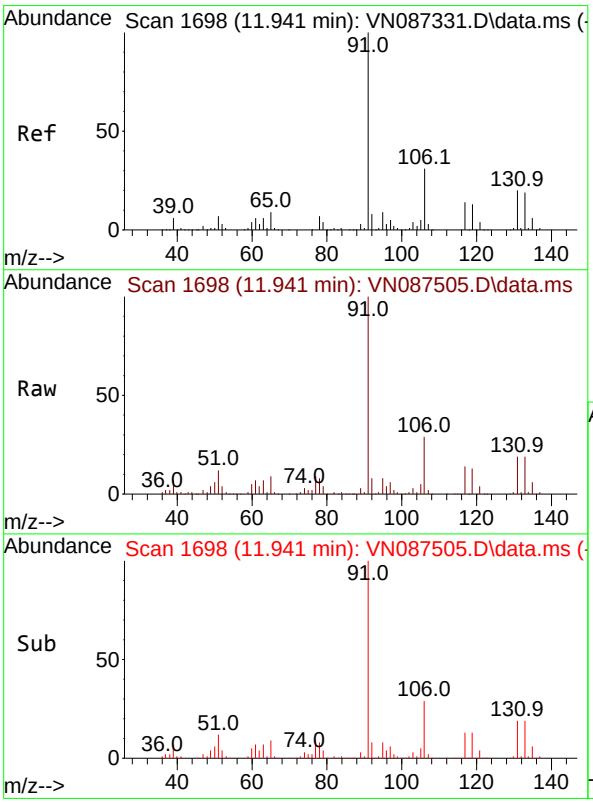
Ion	Ratio	Lower	Upper
112	100		
114	33.1	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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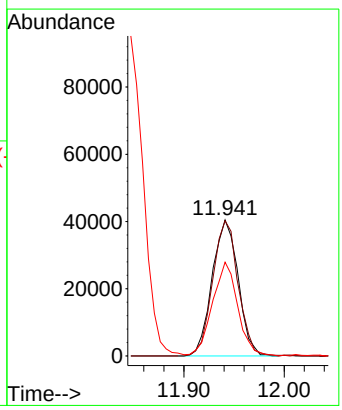
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

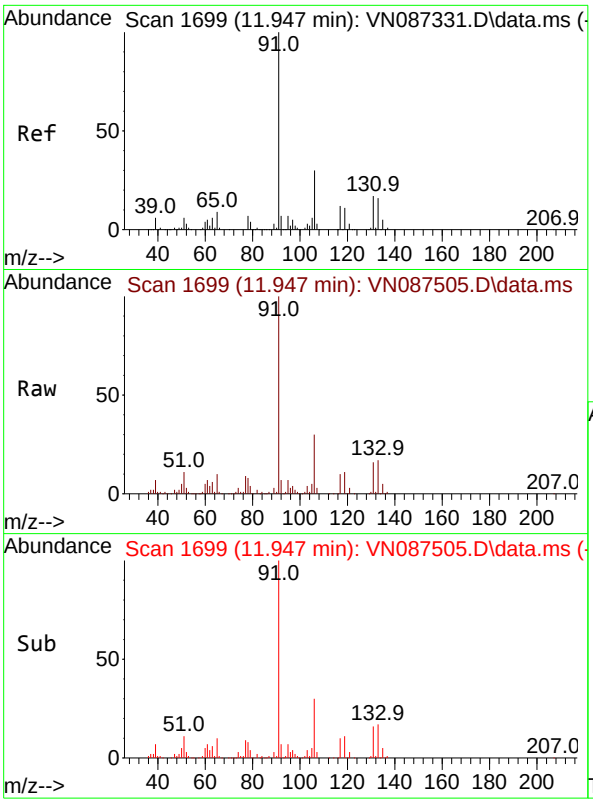


#66
1,1,1,2-Tetrachloroethane
Concen: 18.192 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:131 Resp: 72668

Ion	Ratio	Lower	Upper
131	100		
133	97.9	47.4	142.3
119	67.4	33.1	99.2

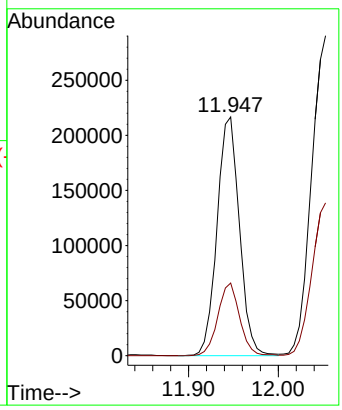




#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 37522

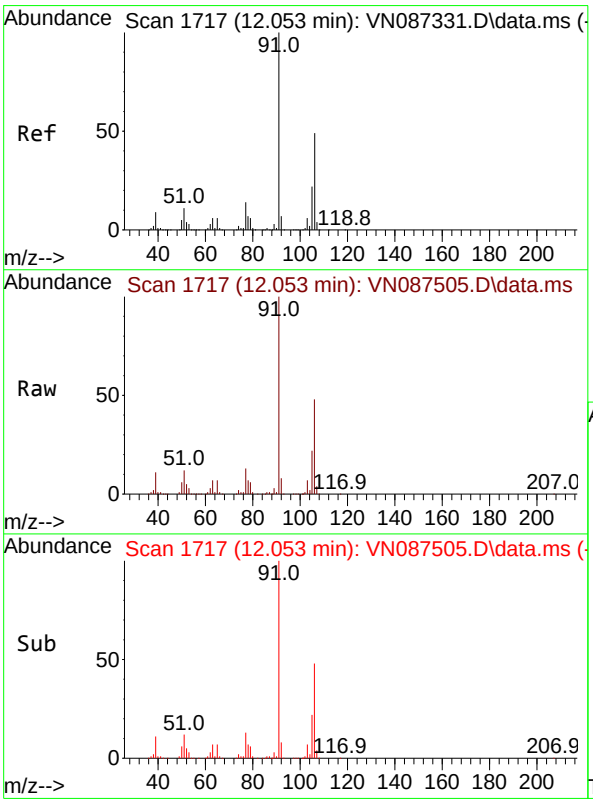
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

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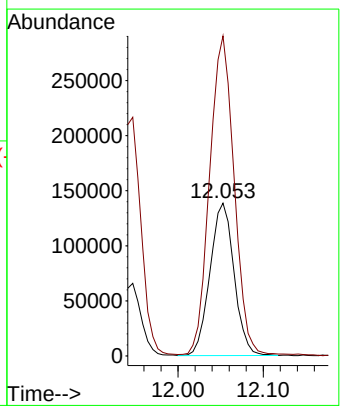
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

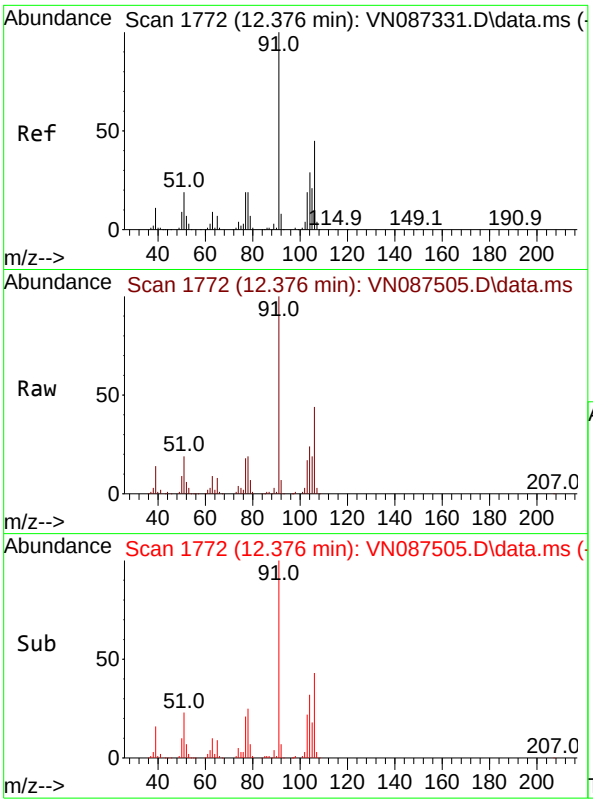


#68
m/p-Xylenes
Concen: 37.530 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:106 Resp: 271778

Ion	Ratio	Lower	Upper
106	100		
91	215.0	162.0	243.0





#69
o-Xylene
Concen: 19.577 ug/l
RT: 12.376 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

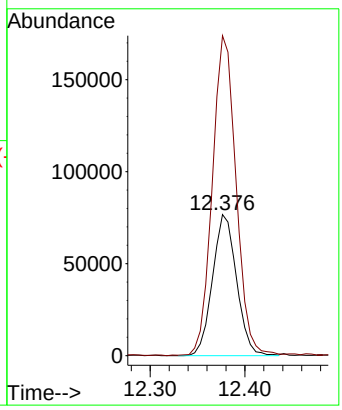
Tgt Ion:106 Resp: 13542

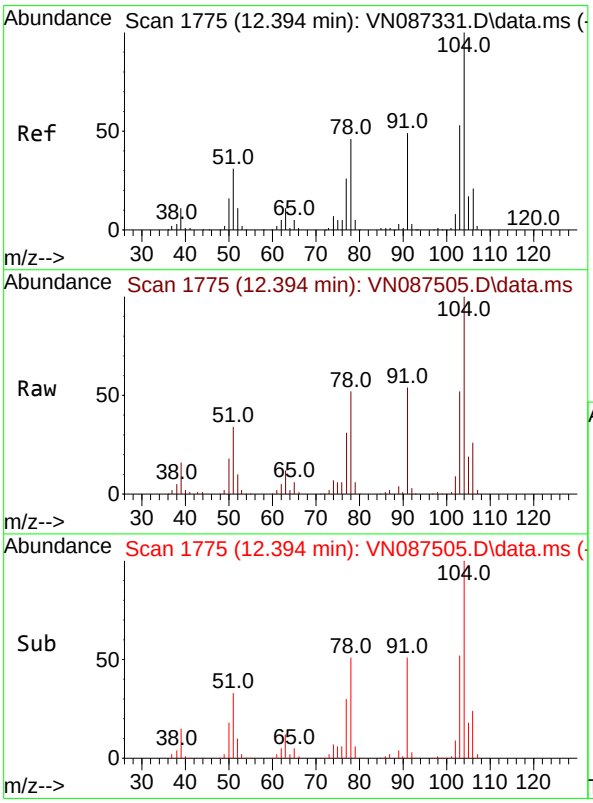
Ion	Ratio	Lower	Upper
106	100		
91	225.1	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

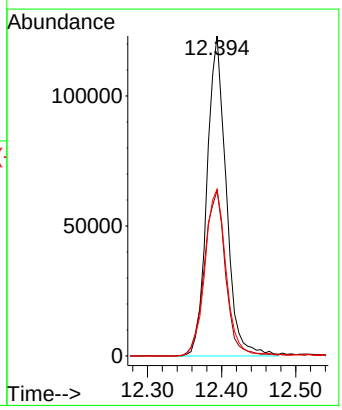


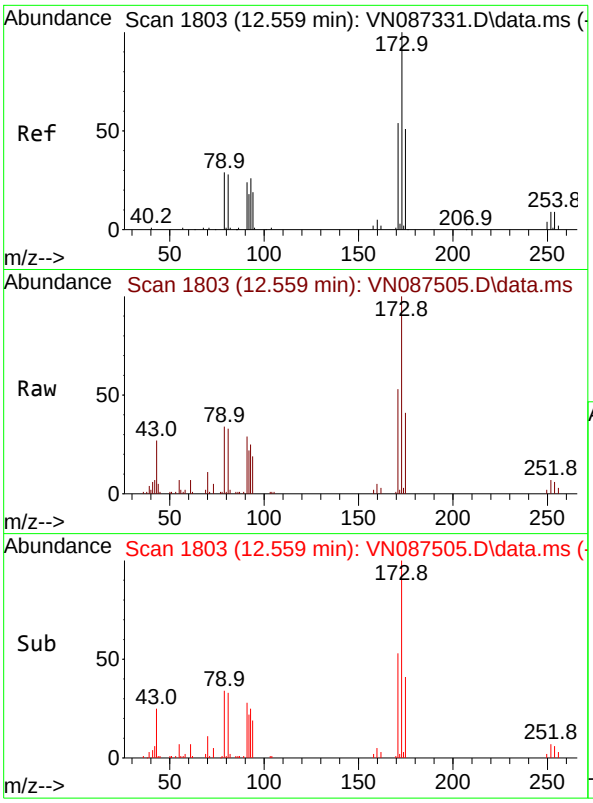


#70
Styrene
Concen: 19.070 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:104 Resp: 221910

Ion	Ratio	Lower	Upper
104	100		
78	56.9	41.0	61.6
103	57.5	43.9	65.9

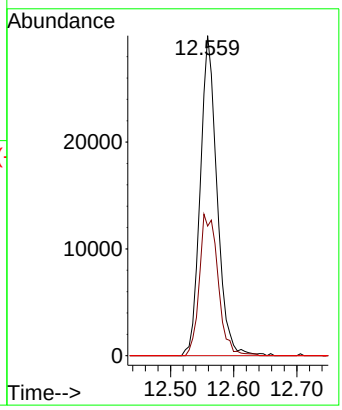




#71
Bromoform
Concen: 17.109 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

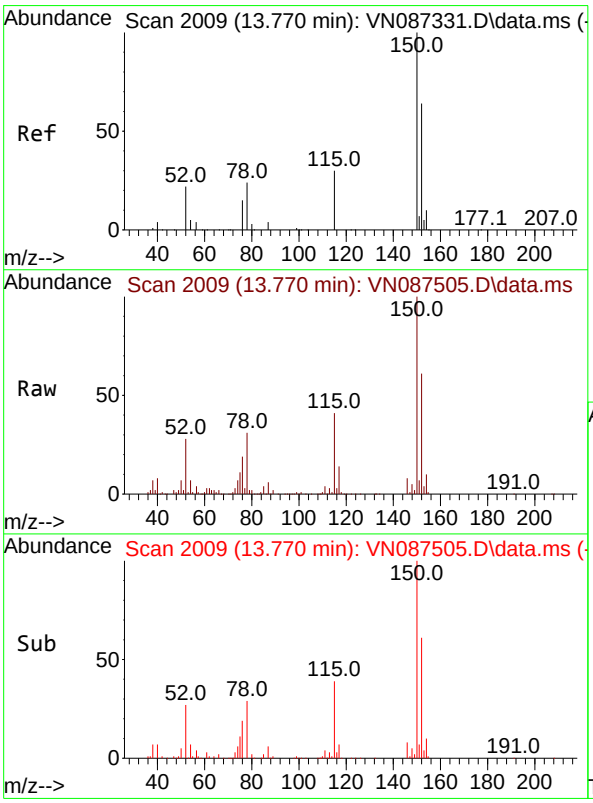
Tgt Ion:173 Resp: 5521

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

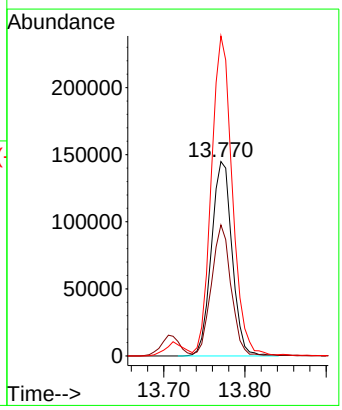
Manual Integrations APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

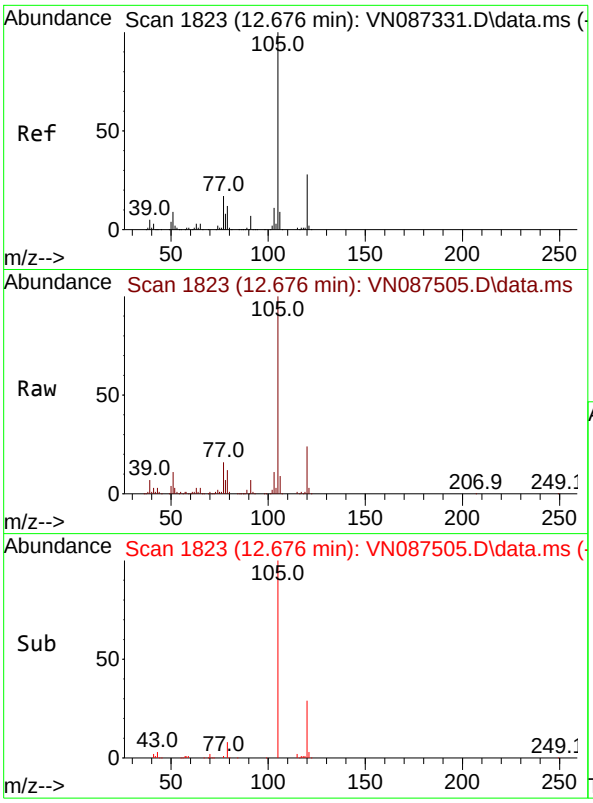


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:152 Resp: 256652

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.1	93.5
150	165.2	0.0	349.0

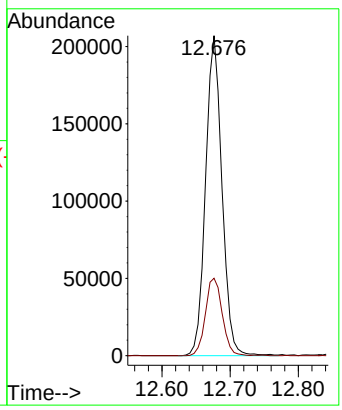




#73
Isopropylbenzene
Concen: 21.398 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:105 Resp: 34564

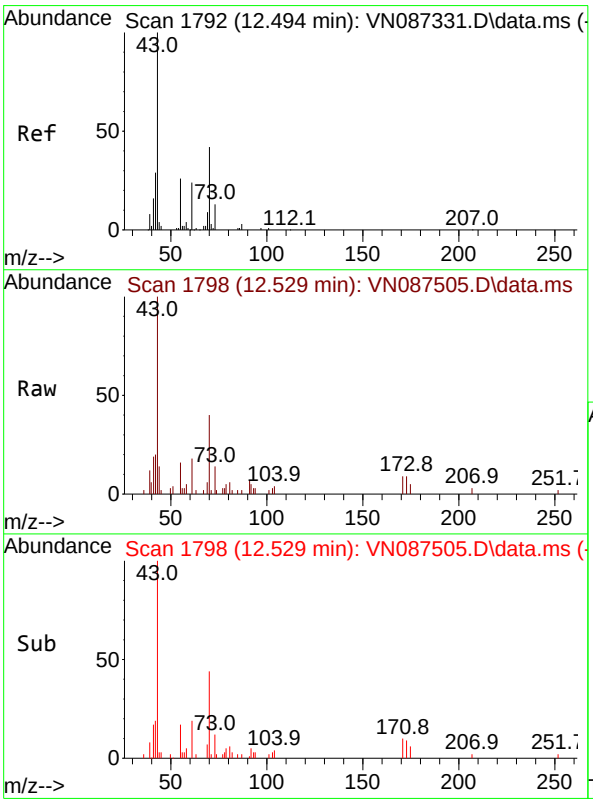
Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

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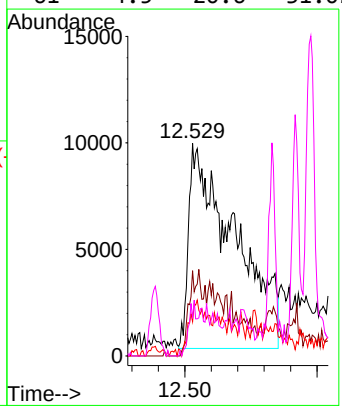
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

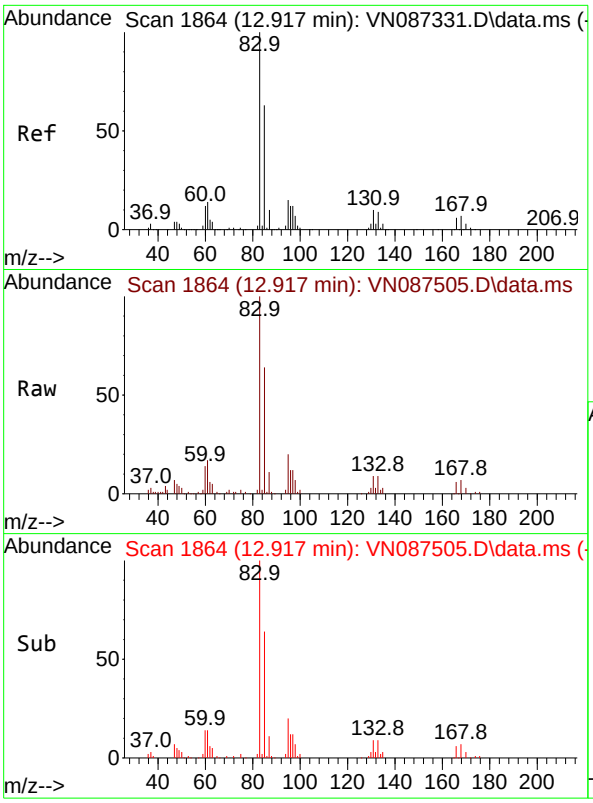


#74
N-amyl acetate
Concen: 17.137 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.035 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 43 Resp: 115014

Ion	Ratio	Lower	Upper
43	100		
70	5.3	37.6	56.4#
55	0.0	19.6	29.4#
61	4.5	20.6	31.0#

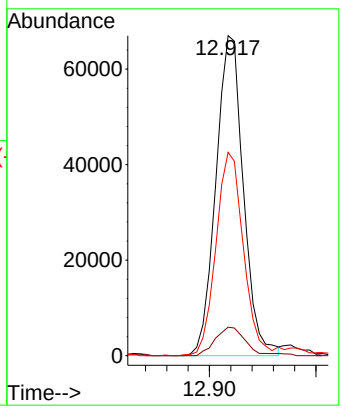




#75
1,1,2,2-Tetrachloroethane
Concen: 19.767 ug/l
RT: 12.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 83 Resp: 12014

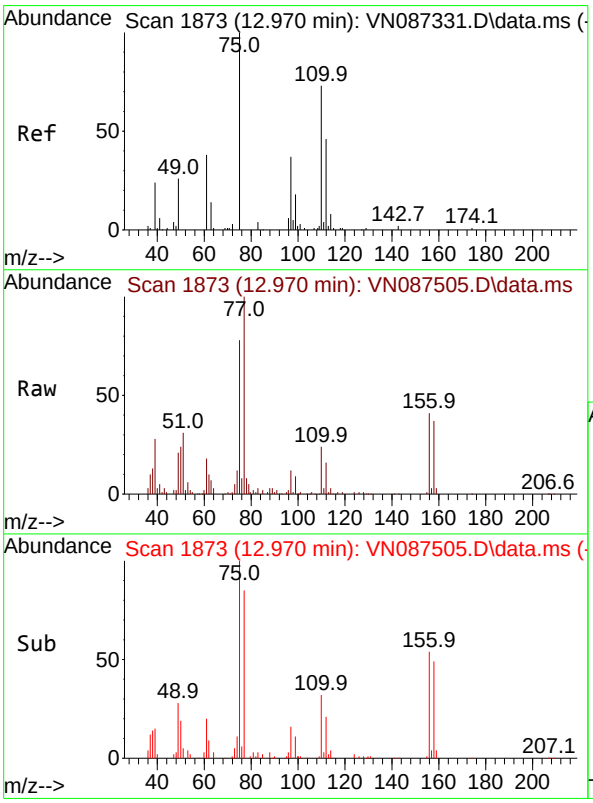
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	63.1	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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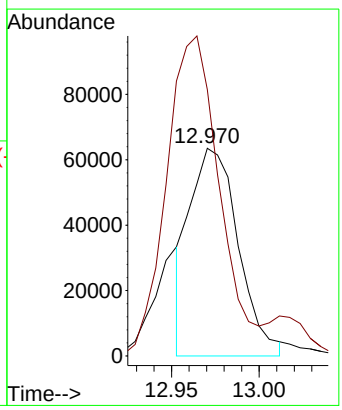
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

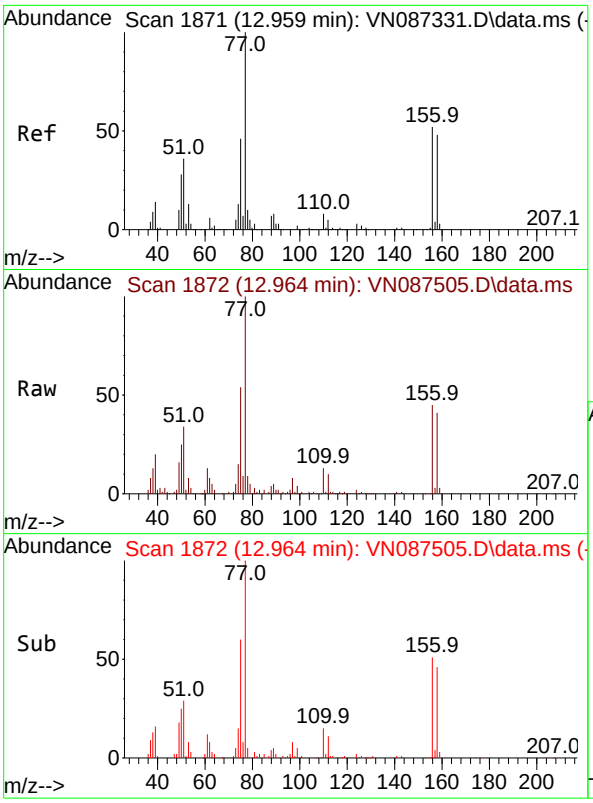


#76
1,2,3-Trichloropropane
Concen: 21.276 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 122446

Ion	Ratio	Lower	Upper
75	100		
77	167.9	94.5	283.6

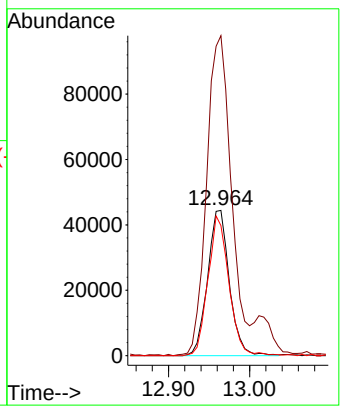




#77
Bromobenzene
Concen: 19.748 ug/l
RT: 12.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:156 Resp: 8272

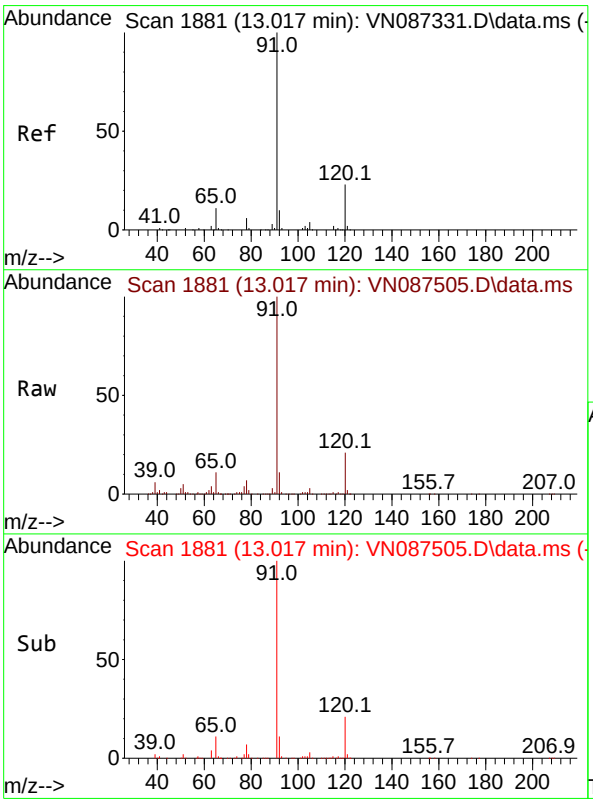
Ion	Ratio	Lower	Upper
156	100		
77	248.5	114.9	344.6
158	92.9	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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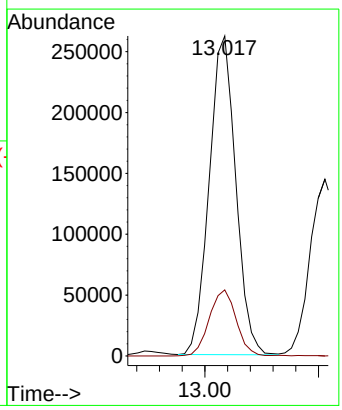
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

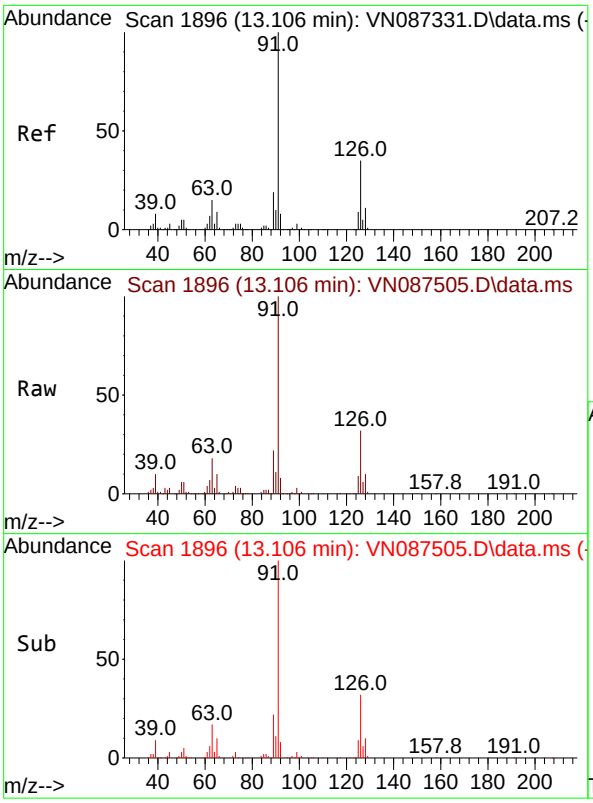


#78
n-propylbenzene
Concen: 20.923 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 425221

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.3	33.8

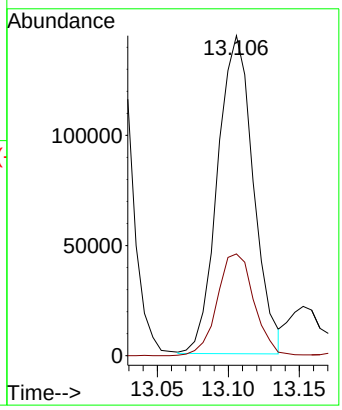




#79
2-Chlorotoluene
Concen: 20.291 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 25343

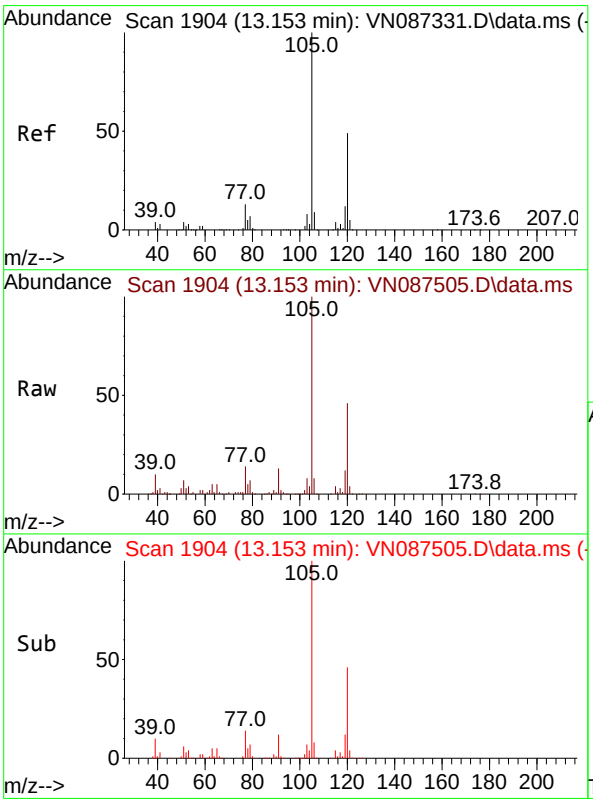
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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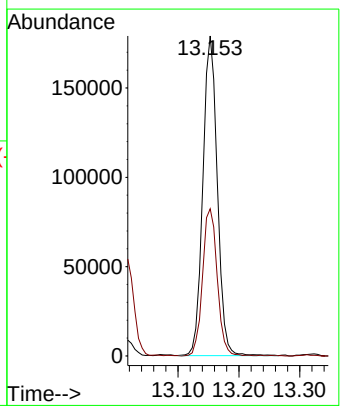
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

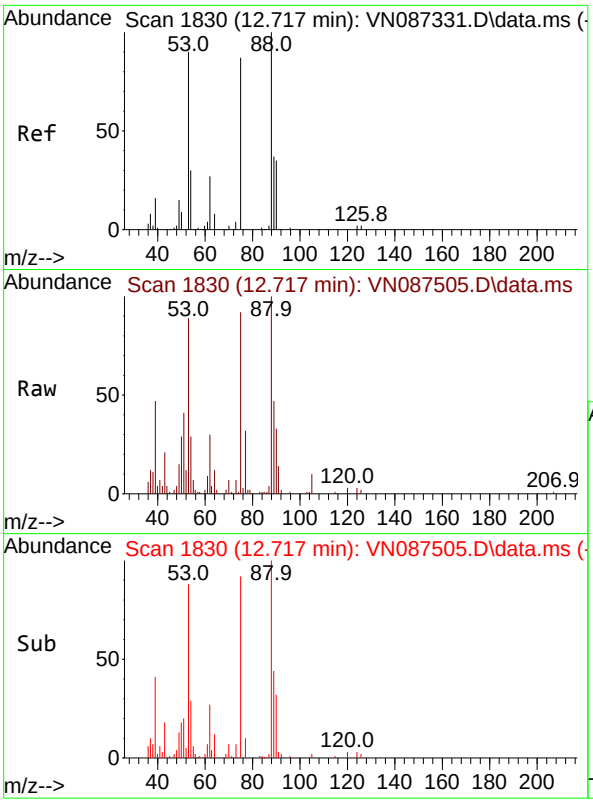


#80
1,3,5-Trimethylbenzene
Concen: 21.472 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:105 Resp: 295518

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.3	72.8

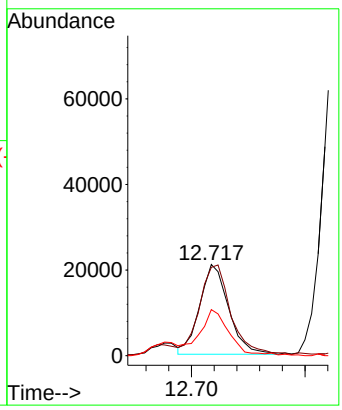




#81
trans-1,4-Dichloro-2-butene
Concen: 17.719 ug/l
RT: 12.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 3727

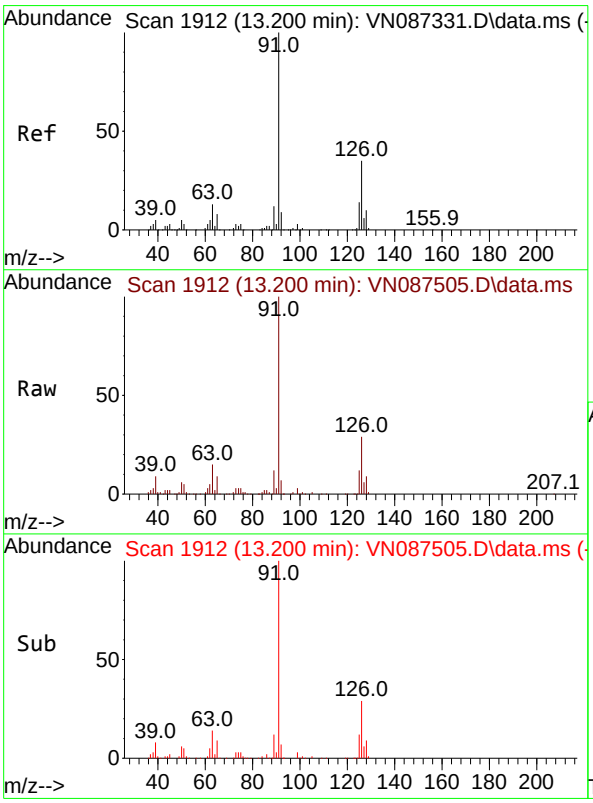
Ion	Ratio	Lower	Upper
75	100		
53	111.1	83.5	125.3
89	53.1	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
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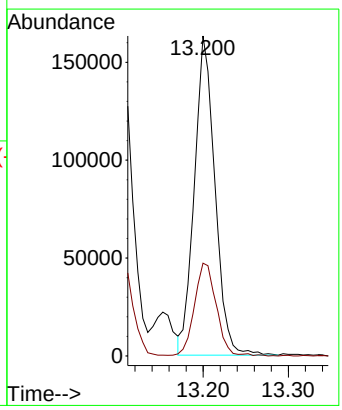
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

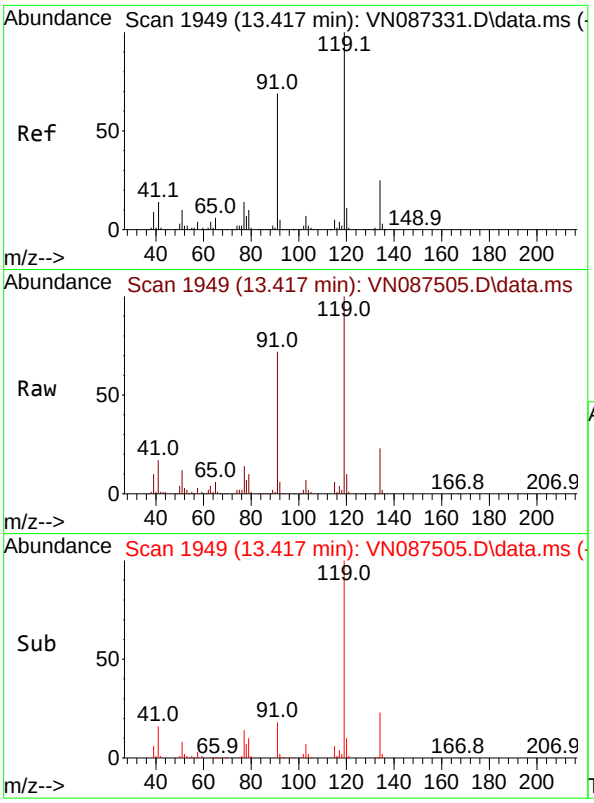


#82
4-Chlorotoluene
Concen: 21.032 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 273495

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.6	49.7

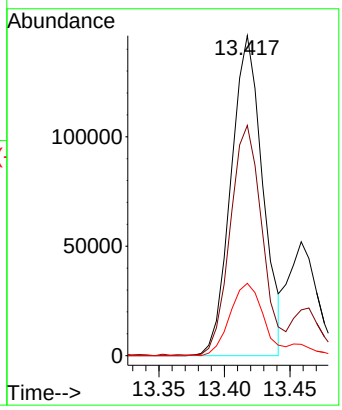




#83
tert-Butylbenzene
Concen: 21.419 ug/l
RT: 13.417 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:119 Resp: 24621

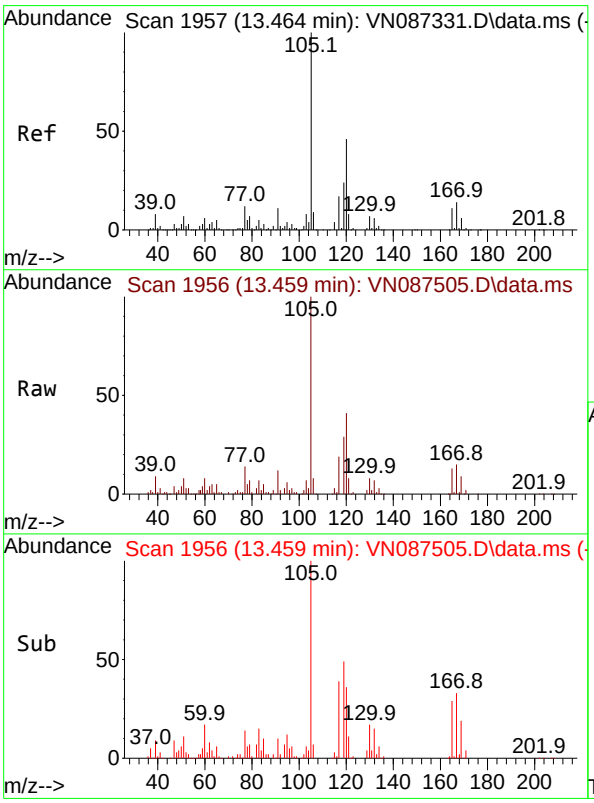
Ion	Ratio	Lower	Upper
119	100		
91	72.4	35.0	105.1
134	23.8	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

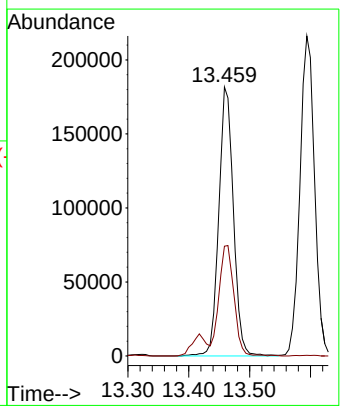
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

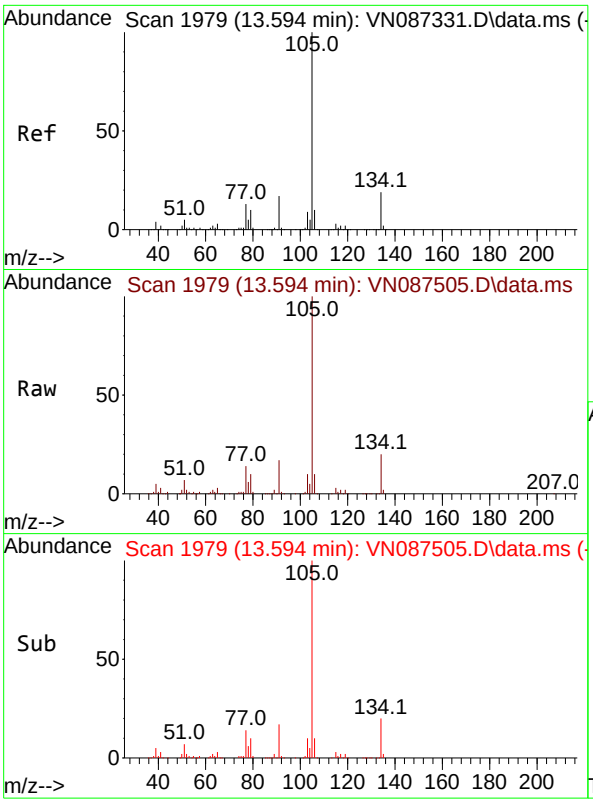


#84
1,2,4-Trimethylbenzene
Concen: 21.598 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:105 Resp: 303556

Ion	Ratio	Lower	Upper
105	100		
120	41.7	22.8	68.3

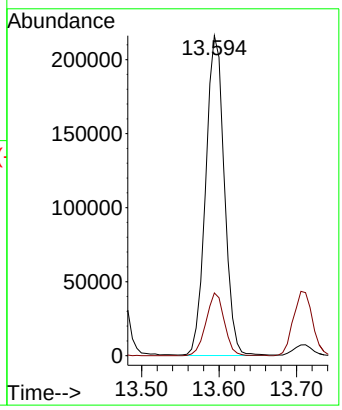




#85
sec-Butylbenzene
Concen: 20.792 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:105 Resp: 36000

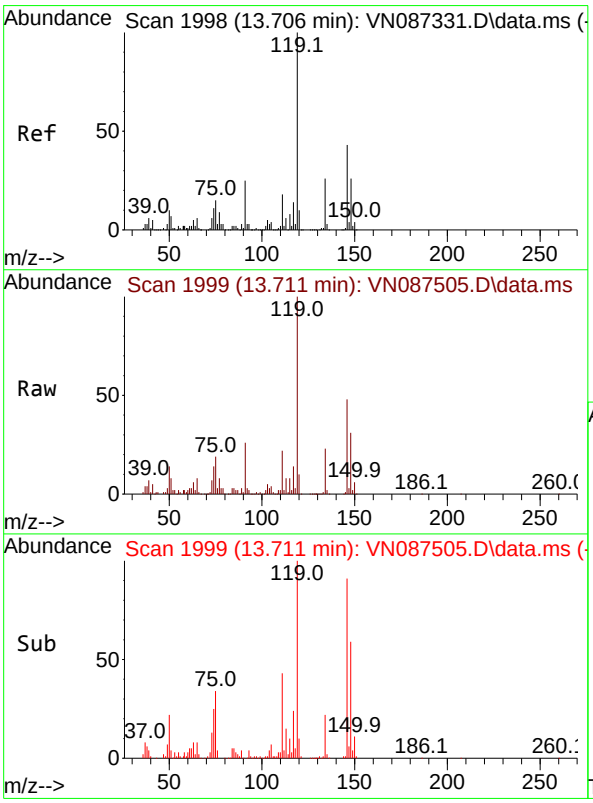
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

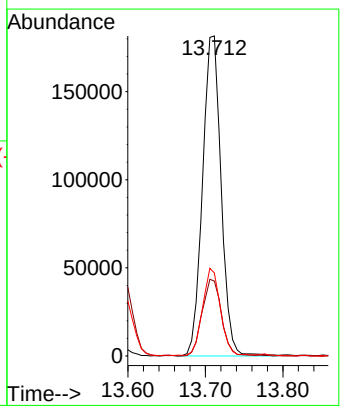
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

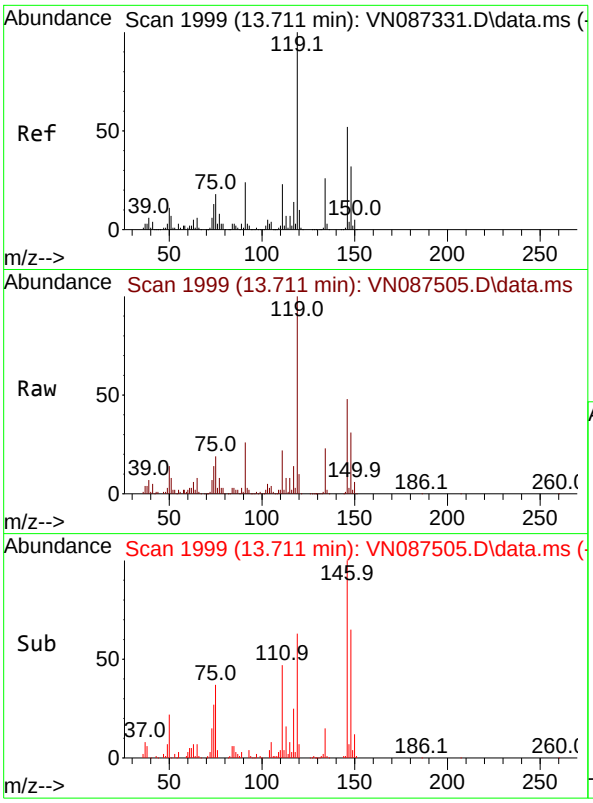


#86
p-Isopropyltoluene
Concen: 21.765 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:119 Resp: 302007

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.5	40.5
91	25.8	12.2	36.6

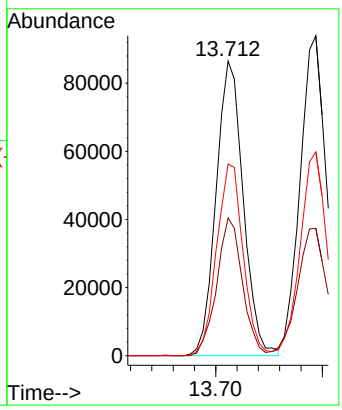




#87
1,3-Dichlorobenzene
Concen: 18.628 ug/l
RT: 13.711 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:146 Resp: 15316

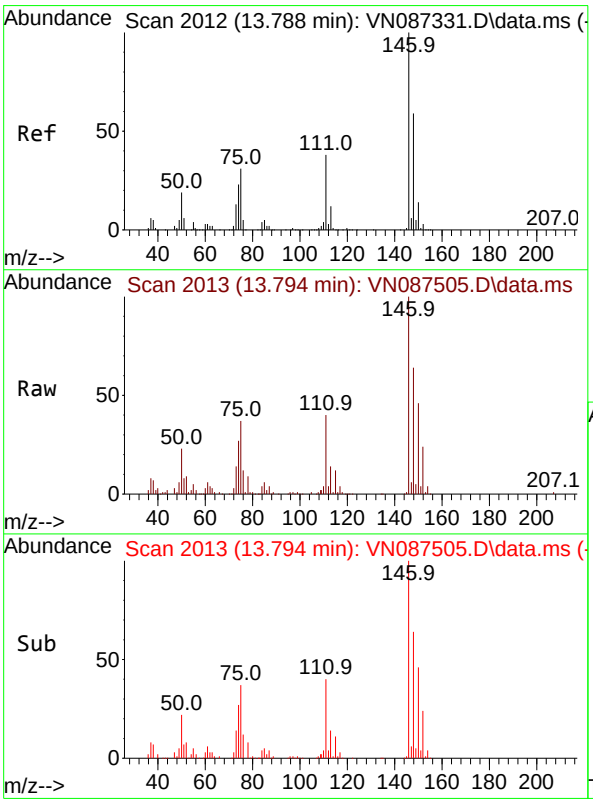
Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	63.6	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

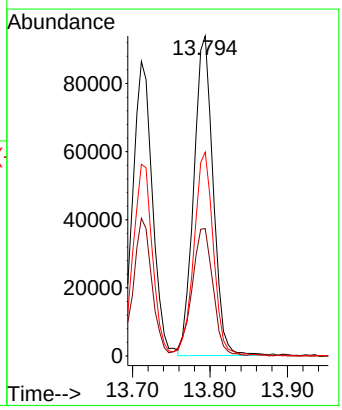
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

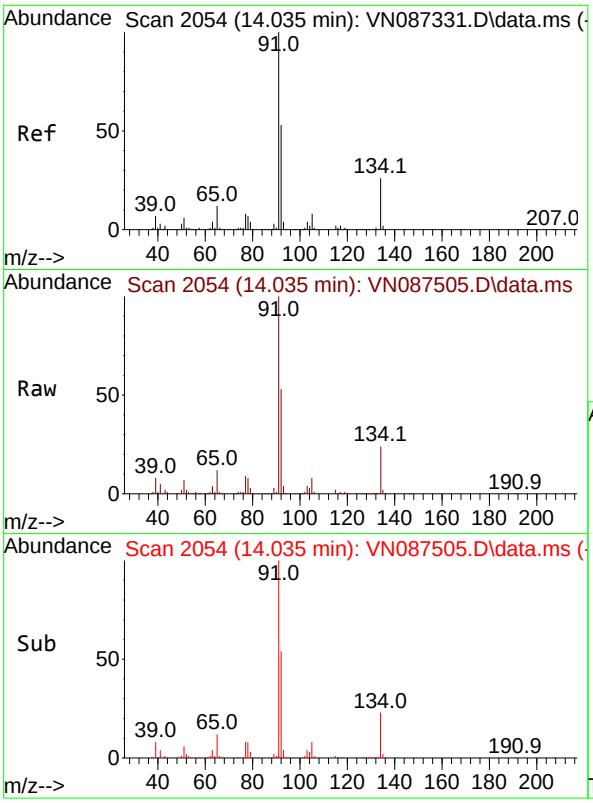


#88
1,4-Dichlorobenzene
Concen: 18.550 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:146 Resp: 162894

Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.6	58.7
148	64.5	31.4	94.0

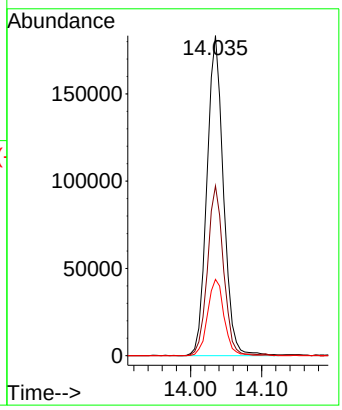




#89
n-Butylbenzene
Concen: 22.381 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 91 Resp: 29653

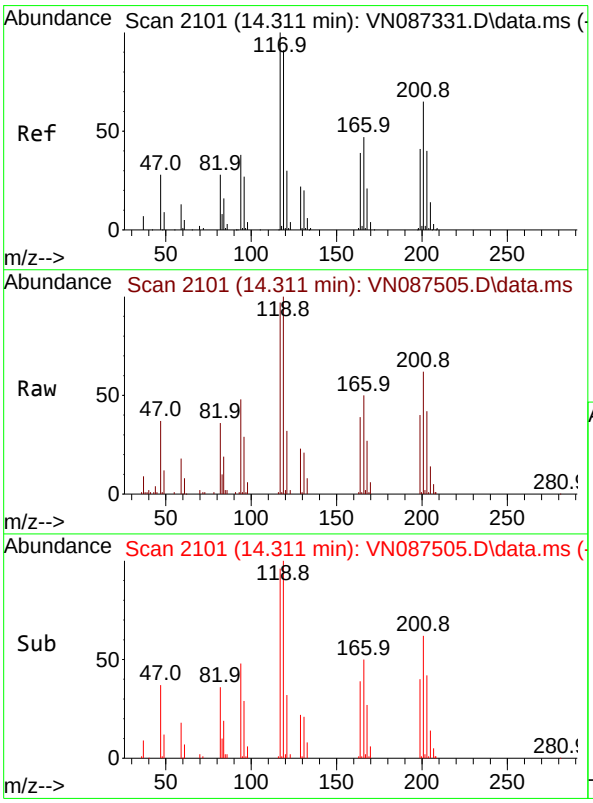
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.2	78.6
134	23.9	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

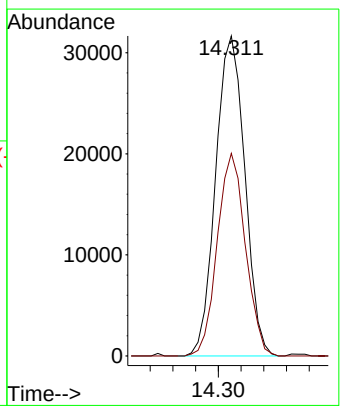
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

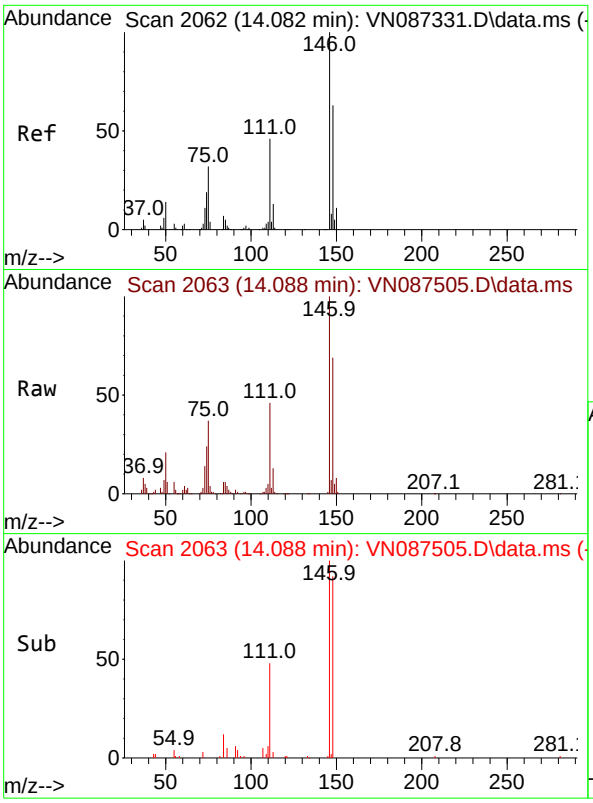


#90
Hexachloroethane
Concen: 19.211 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:117 Resp: 56479

Ion	Ratio	Lower	Upper
117	100		
201	61.1	32.8	98.4

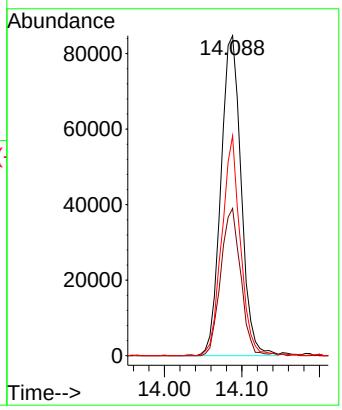




#91
1,2-Dichlorobenzene
Concen: 19.776 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:146 Resp: 15403

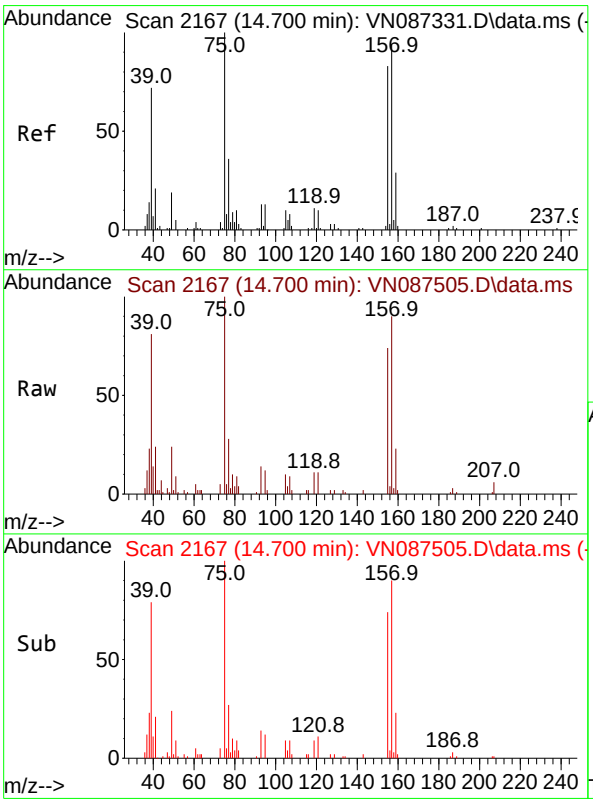
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.0	66.0
148	63.2	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

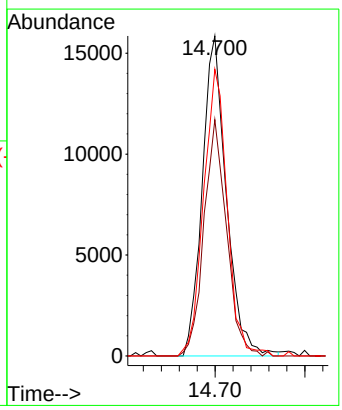
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

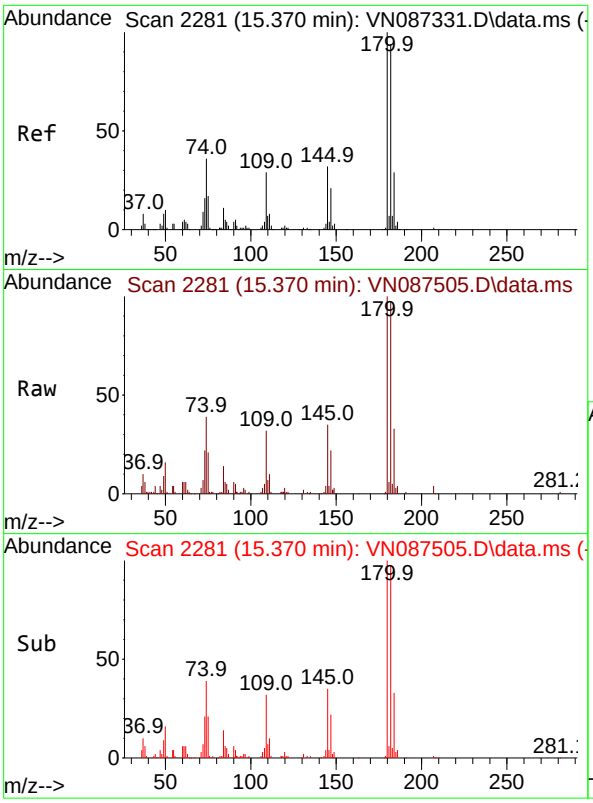


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.519 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion: 75 Resp: 29553

Ion	Ratio	Lower	Upper
75	100		
155	69.6	37.3	111.8
157	87.6	46.2	138.6

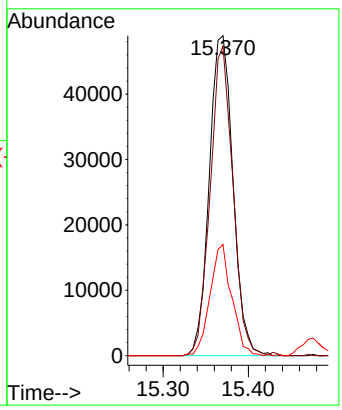




#93
1,2,4-Trichlorobenzene
Concen: 20.669 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:180 Resp: 9456

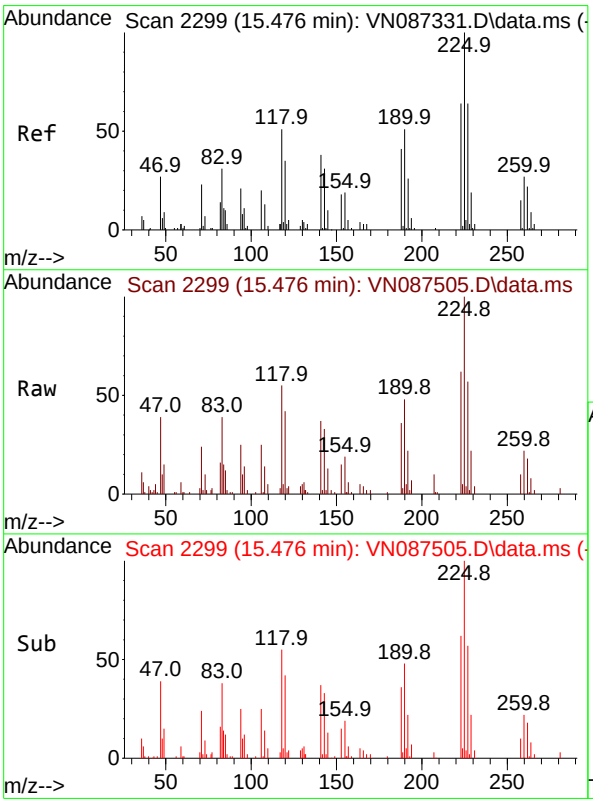
Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.3	141.8
145	31.9	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations
APPROVED

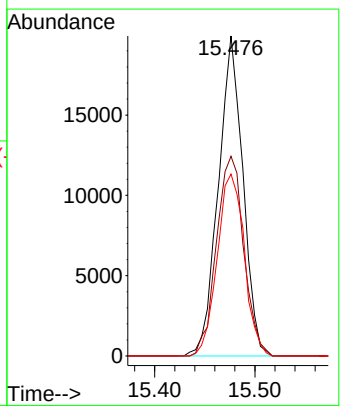
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

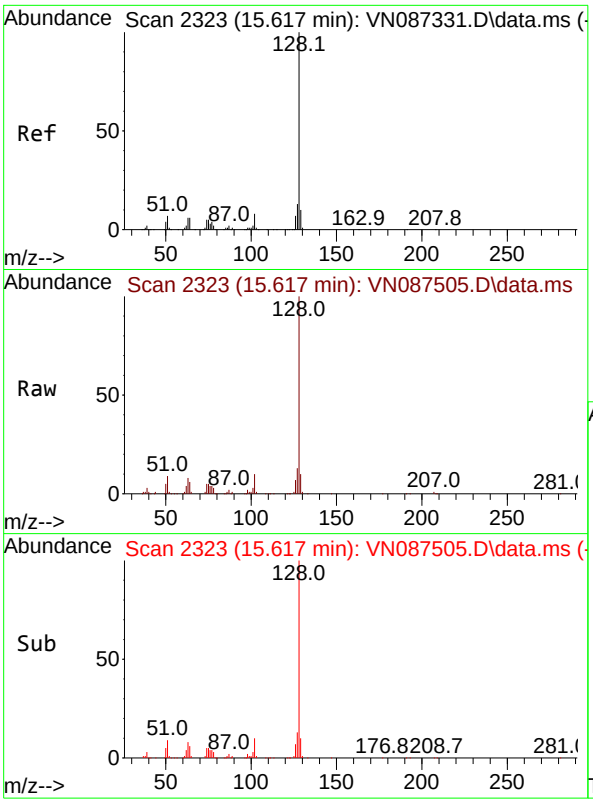


#94
Hexachlorobutadiene
Concen: 19.964 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:225 Resp: 33941

Ion	Ratio	Lower	Upper
225	100		
223	69.4	32.1	96.3
227	62.5	31.3	93.9

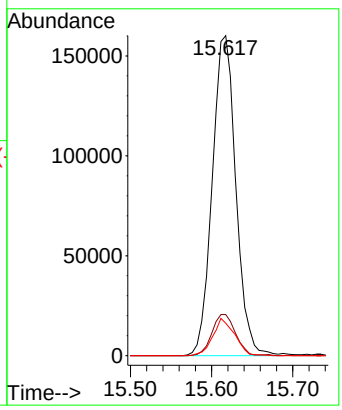




#95
Naphthalene
Concen: 19.967 ug/l
RT: 15.617 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:128 Resp: 32364

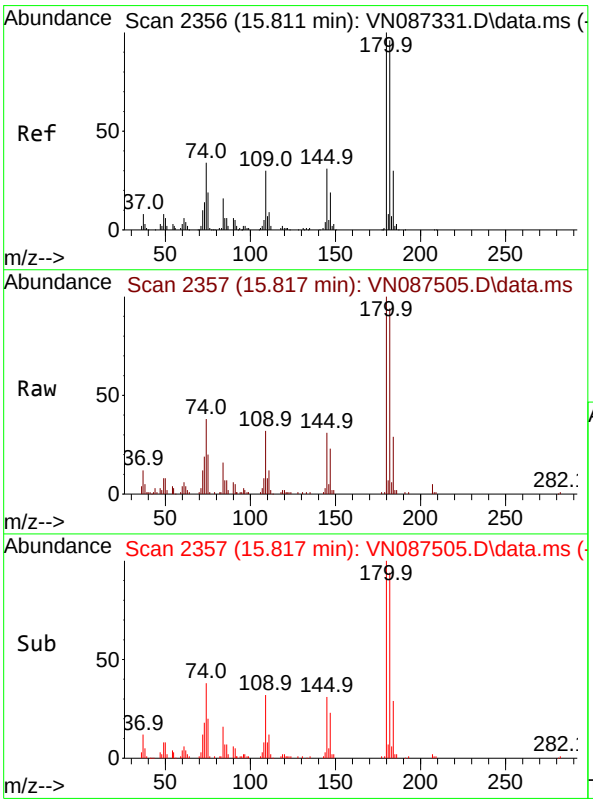
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS01

Manual Integrations APPROVED

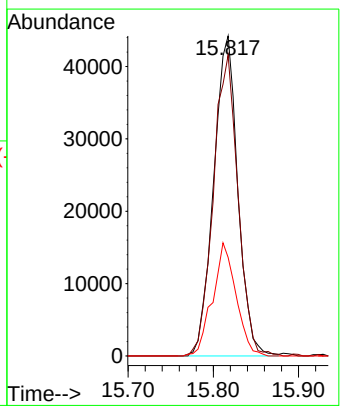
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.041 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087505.D
Acq: 12 Aug 2025 11:42

Tgt Ion:180 Resp: 87388

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.4
145	34.3	16.9	50.6



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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	23.3		0.22	1.00	ug/L
74-87-3	Chloromethane	18.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	20.8		0.26	1.00	ug/L
74-83-9	Bromomethane	21.9		1.40	5.00	ug/L
75-00-3	Chloroethane	20.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	120		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.8		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	26.6		0.22	1.00	ug/L
67-66-3	Chloroform	21.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.0		0.16	1.00	ug/L
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	17.5		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.2		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	98.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.5		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	17.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.5		74 - 125	117%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271000	8.212			
540-36-3	1,4-Difluorobenzene	532000	9.088			
3114-55-4	Chlorobenzene-d5	484000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	246000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	
Project:	Andrews St Site - NYSDEC E828144	Date Received:	
Client Sample ID:	VN0813WBS01	SDG No.:	Q2816
Lab Sample ID:	VN0813WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087528.D	1	08/13/25 12:39	VN081325

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\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.212	168	271136	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.088	114	532074	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	483502	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246357	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.565	65	269348	58.546	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.100%				
35) Dibromofluoromethane	8.153	113	183322	49.948	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%				
50) Toluene-d8	10.547	98	668561	51.066	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%				
62) 4-Bromofluorobenzene	12.829	95	253521	52.413	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.820%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.142	85	67174	23.326	ug/l		90
3) Chloromethane	2.389	50	66776	18.439	ug/l		92
4) Vinyl Chloride	2.542	62	74754	20.771	ug/l		96
5) Bromomethane	2.983	94	40764	21.873	ug/l		96
6) Chloroethane	3.136	64	48629	20.719	ug/l		96
7) Trichlorofluoromethane	3.512	101	111233	20.902	ug/l		99
8) Diethyl Ether	3.965	74	48291	23.393	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.365	101	58540	21.429	ug/l		95
10) Methyl Iodide	4.583	142	35025	16.690	ug/l	#	80
11) Tert butyl alcohol	5.524	59	97141	111.202	ug/l		99
12) 1,1-Dichloroethene	4.342	96	59582	19.247	ug/l		91
13) Acrolein	4.177	56	67486	96.264	ug/l		95
14) Allyl chloride	5.012	41	114422	20.424	ug/l		93
15) Acrylonitrile	5.712	53	232694	98.163	ug/l		97
16) Acetone	4.424	43	264610	122.670	ug/l		95
17) Carbon Disulfide	4.706	76	166545	18.146	ug/l	#	94
18) Methyl Acetate	5.018	43	123131	22.720	ug/l		98
19) Methyl tert-butyl Ether	5.789	73	260864	22.862	ug/l		98
20) Methylene Chloride	5.265	84	74231	19.972	ug/l		95
21) trans-1,2-Dichloroethene	5.771	96	66300	18.994	ug/l		93
22) Diisopropyl ether	6.659	45	255940	21.779	ug/l		94
23) Vinyl Acetate	6.589	43	1200447	116.798	ug/l		100
24) 1,1-Dichloroethane	6.559	63	142998	21.092	ug/l		98
25) 2-Butanone	7.477	43	352074	105.636	ug/l		98
26) 2,2-Dichloropropane	7.483	77	122382	23.217	ug/l		100
27) cis-1,2-Dichloroethene	7.477	96	85349	21.238	ug/l		98
28) Bromochloromethane	7.800	49	86255	26.583	ug/l		94
29) Tetrahydrofuran	7.830	42	226869	104.782	ug/l		98
30) Chloroform	7.953	83	147959	21.803	ug/l		100
31) Cyclohexane	8.247	56	117459	20.768	ug/l		93
32) 1,1,1-Trichloroethane	8.153	97	121717	20.709	ug/l		92
36) 1,1-Dichloropropene	8.353	75	93953	19.376	ug/l		97
37) Ethyl Acetate	7.547	43	140045	19.997	ug/l		99
38) Carbon Tetrachloride	8.347	117	98608	18.460	ug/l		99
39) Methylcyclohexane	9.582	83	104990	19.999	ug/l		95
40) Benzene	8.588	78	300280	19.160	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	72592	19.824	ug/l		97
42) 1,2-Dichloroethane	8.659	62	123364	20.757	ug/l		98
43) Isopropyl Acetate	8.677	43	226277	20.814	ug/l		97
44) Trichloroethene	9.335	130	64984	17.548	ug/l		80
45) 1,2-Dichloropropane	9.606	63	76438	19.195	ug/l		95
46) Dibromomethane	9.694	93	58121	19.494	ug/l		94
47) Bromodichloromethane	9.871	83	118437	19.721	ug/l	#	99
48) Methyl methacrylate	9.665	41	101733	20.787	ug/l		93
49) 1,4-Dioxane	9.682	88	30716	409.771	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	682146	99.209	ug/l		98
52) Toluene	10.612	92	184134	19.330	ug/l		95
53) t-1,3-Dichloropropene	10.818	75	126655	20.839	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	127653	20.333	ug/l	#	82
55) 1,1,2-Trichloroethane	11.000	97	75351	19.538	ug/l		93
56) Ethyl methacrylate	10.859	69	124909	20.038	ug/l	#	94
57) 1,3-Dichloropropane	11.147	76	133523	20.025	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.141	63	357207	112.912	ug/l		100
59) 2-Hexanone	11.182	43	449566	98.549	ug/l		99
60) Dibromochloromethane	11.341	129	83142	18.904	ug/l		98
61) 1,2-Dibromoethane	11.453	107	76462	18.856	ug/l		97
64) Tetrachloroethene	11.088	164	52809	16.970	ug/l		94
65) Chlorobenzene	11.871	112	204381	18.828	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	70375	19.066	ug/l		100
67) Ethyl Benzene	11.947	91	350836	19.633	ug/l		98
68) m/p-Xylenes	12.053	106	257573	38.492	ug/l		87
69) o-Xylene	12.382	106	126743	19.828	ug/l		92
70) Styrene	12.394	104	217628	20.239	ug/l		95
71) Bromoform	12.559	173	51553	17.288	ug/l	#	100
73) Isopropylbenzene	12.676	105	329550	21.254	ug/l		98
74) N-amyl acetate	12.529	43	117589m	18.253	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	118693	20.344	ug/l		99
76) 1,2,3-Trichloropropane	12.976	75	104369m	18.893	ug/l		
77) Bromobenzene	12.965	156	79368	19.737	ug/l		94
78) n-propylbenzene	13.018	91	406345	20.830	ug/l		97
79) 2-Chlorotoluene	13.106	91	249430	20.804	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	279232	21.137	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.718	75	35665	17.665	ug/l		91
82) 4-Chlorotoluene	13.206	91	259571	20.795	ug/l		96
83) tert-Butylbenzene	13.418	119	235302	21.326	ug/l		97
84) 1,2,4-Trimethylbenzene	13.465	105	293504	21.755	ug/l		95
85) sec-Butylbenzene	13.594	105	350703	21.102	ug/l		98
86) p-Isopropyltoluene	13.712	119	289012	21.699	ug/l		97
87) 1,3-Dichlorobenzene	13.717	146	150068	19.015	ug/l		99
88) 1,4-Dichlorobenzene	13.794	146	158514	18.806	ug/l		98
89) n-Butylbenzene	14.035	91	289625	22.773	ug/l		99
90) Hexachloroethane	14.312	117	54681	19.377	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	146430	19.585	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28461	18.580	ug/l		92
93) 1,2,4-Trichlorobenzene	15.370	180	88514	20.154	ug/l		98
94) Hexachlorobutadiene	15.476	225	32512	19.923	ug/l		99
95) Naphthalene	15.611	128	315158	20.256	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	83466	18.946	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

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

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

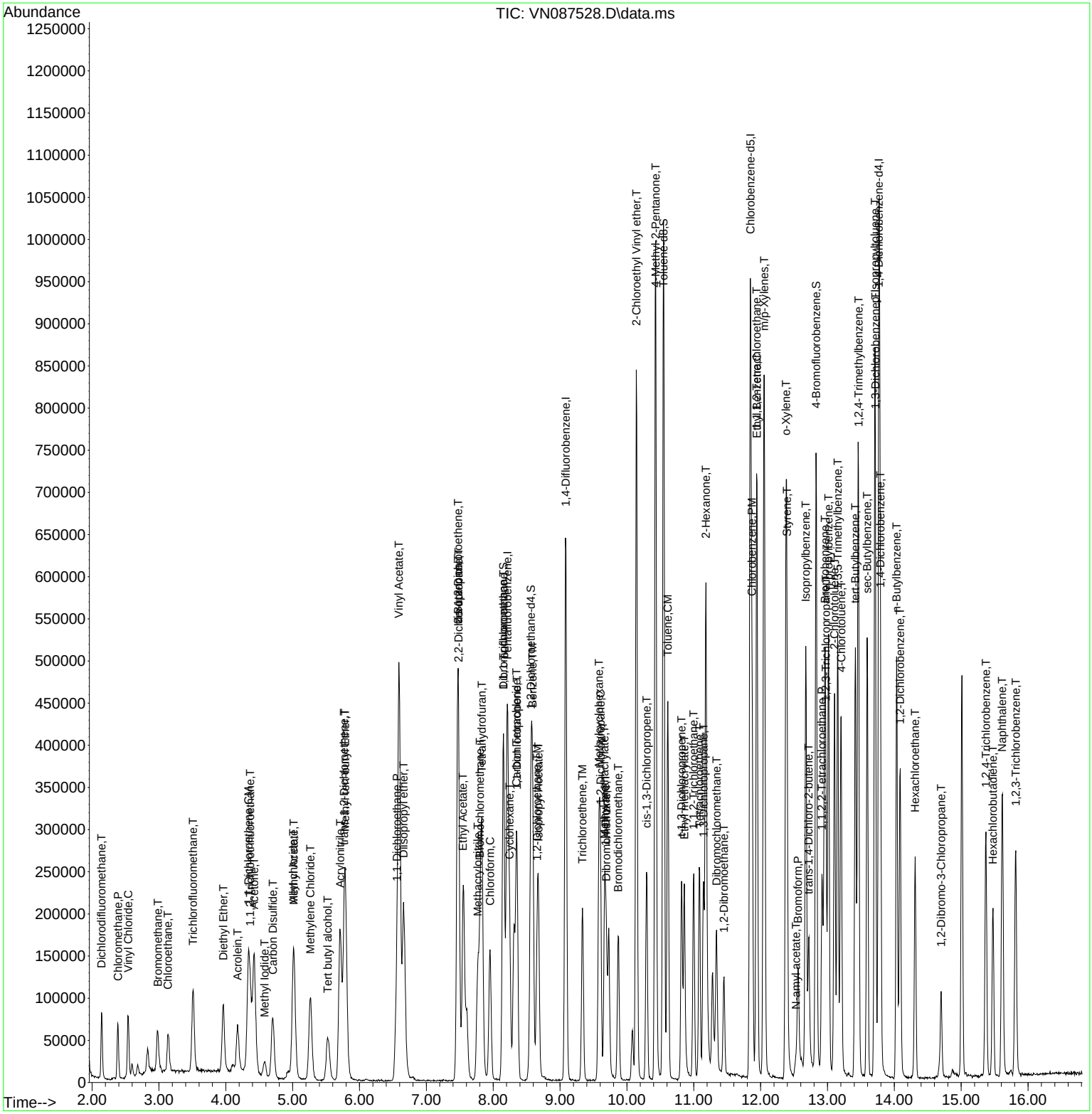
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087528.D
Acq On : 13 Aug 2025 12:39
Operator : JC\MD
Sample : VN0813WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

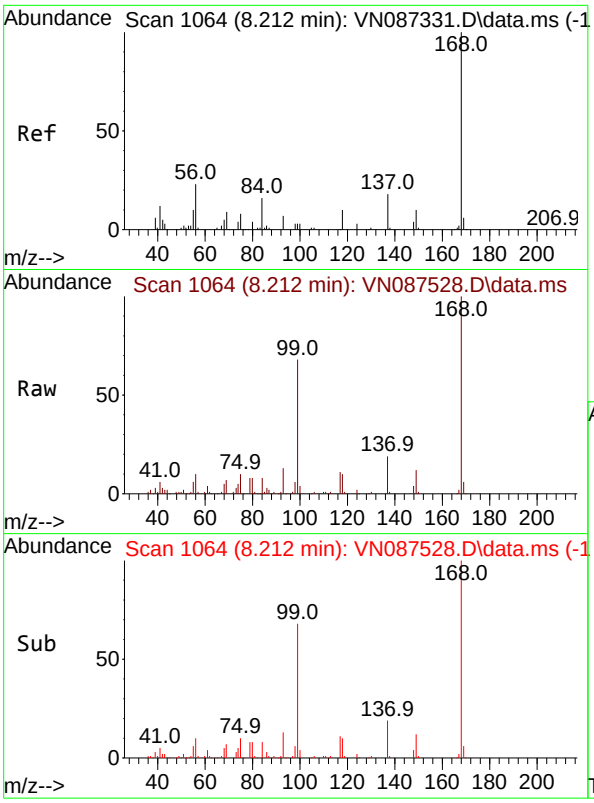
Quant Time: Aug 14 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2025
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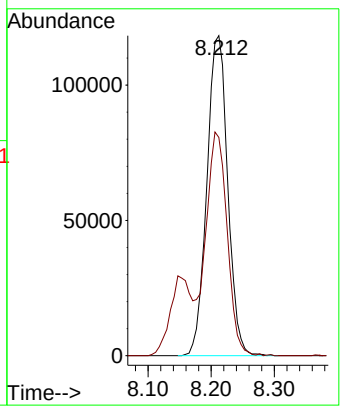




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:168 Resp: 27113

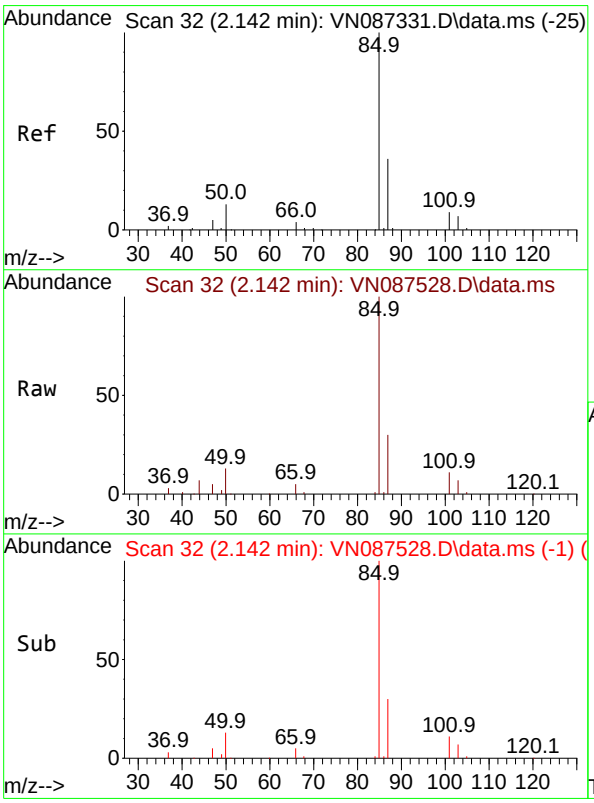
Ion	Ratio	Lower	Upper
168	100		
99	68.2	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

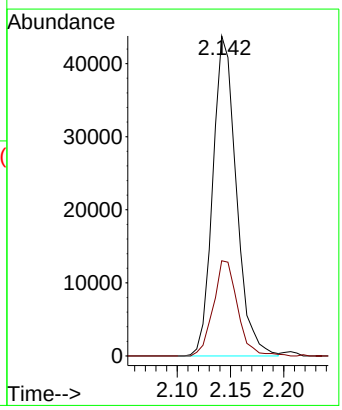
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

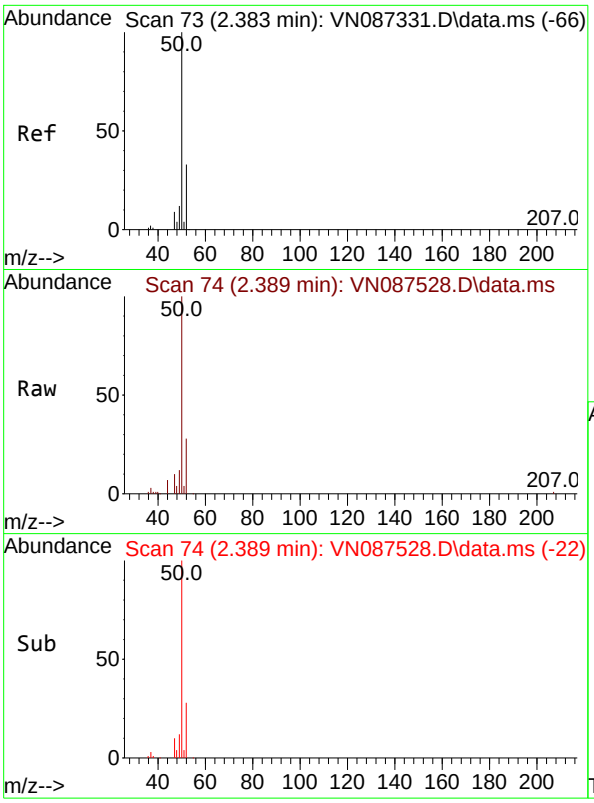


#2
Dichlorodifluoromethane
Concen: 23.326 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 85 Resp: 67174

Ion	Ratio	Lower	Upper
85	100		
87	29.7	17.8	53.3

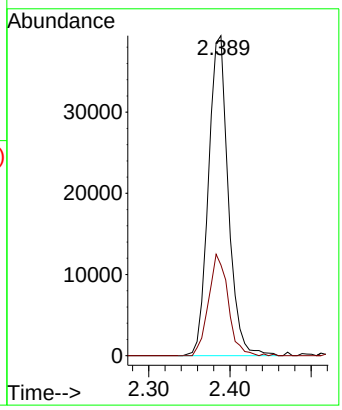




#3
Chloromethane
Concen: 18.439 ug/l
RT: 2.389 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 50 Resp: 6677

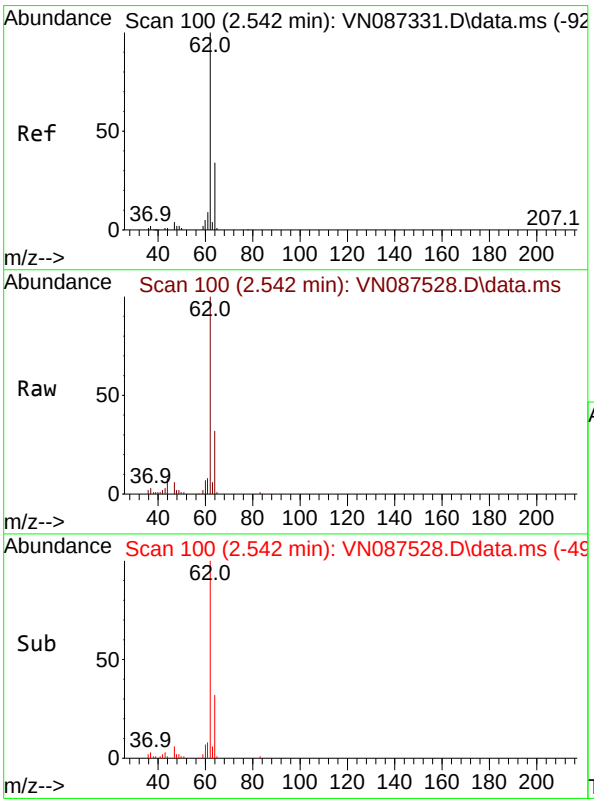
Ion	Ratio	Lower	Upper
50	100		
52	28.4	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

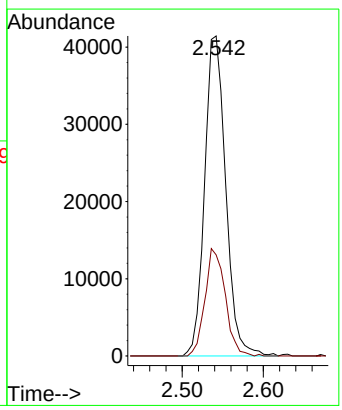
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

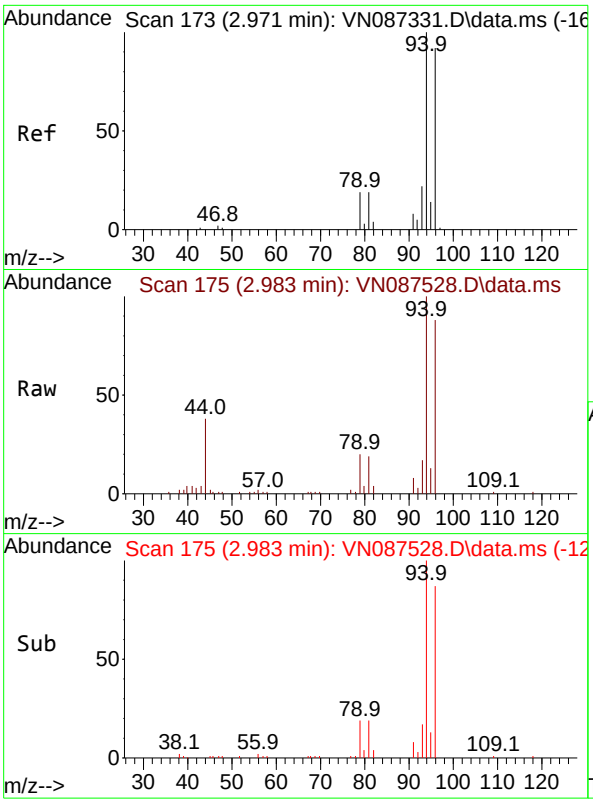


#4
Vinyl Chloride
Concen: 20.771 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 62 Resp: 74754

Ion	Ratio	Lower	Upper
62	100		
64	31.6	27.0	40.6

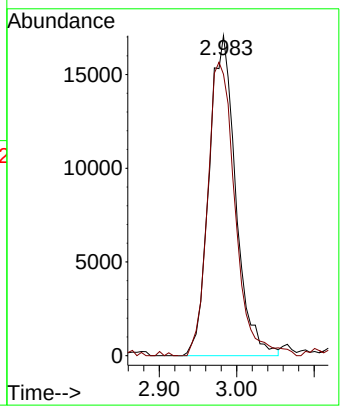




#5
Bromomethane
Concen: 21.873 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 94 Resp: 4076

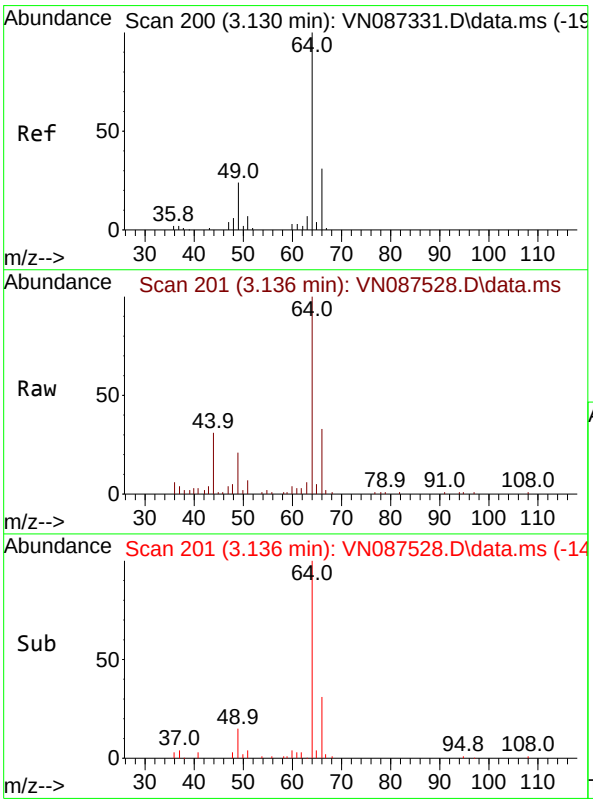
Ion	Ratio	Lower	Upper
94	100		
96	88.0	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

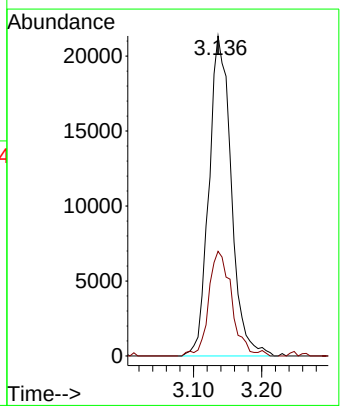
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

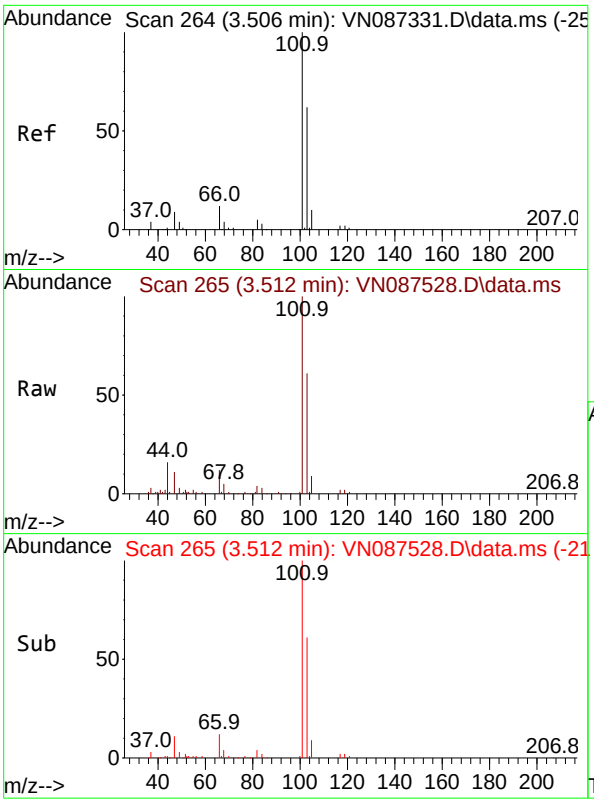


#6
Chloroethane
Concen: 20.719 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 64 Resp: 48629

Ion	Ratio	Lower	Upper
64	100		
66	32.7	24.6	36.8

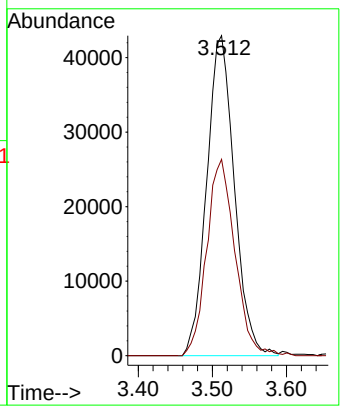




#7
Trichlorofluoromethane
Concen: 20.902 ug/l
RT: 3.512 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:101 Resp: 11123

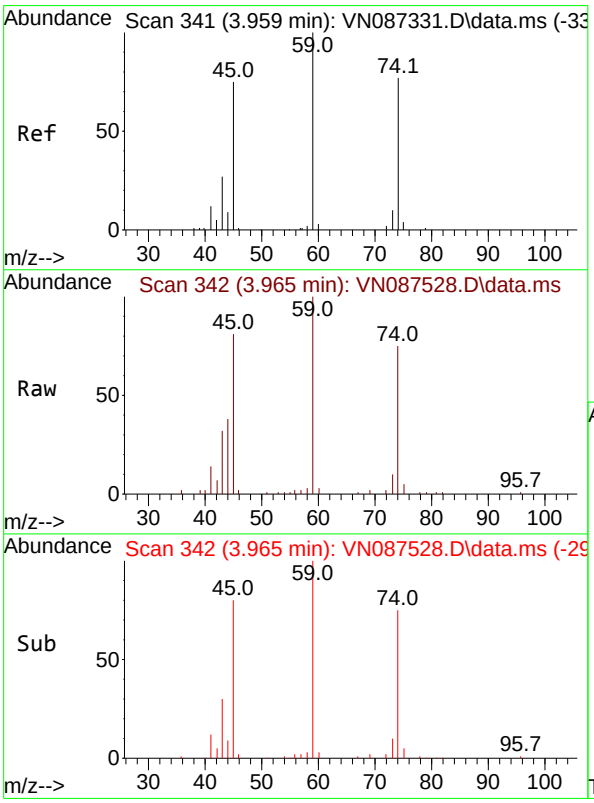
Ion	Ratio	Lower	Upper
101	100		
103	61.4	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

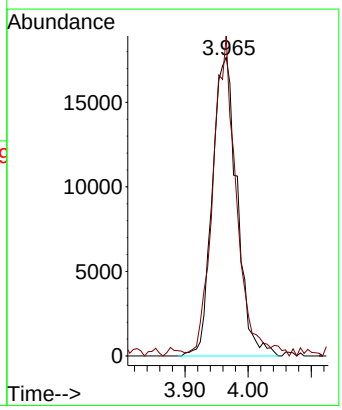
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

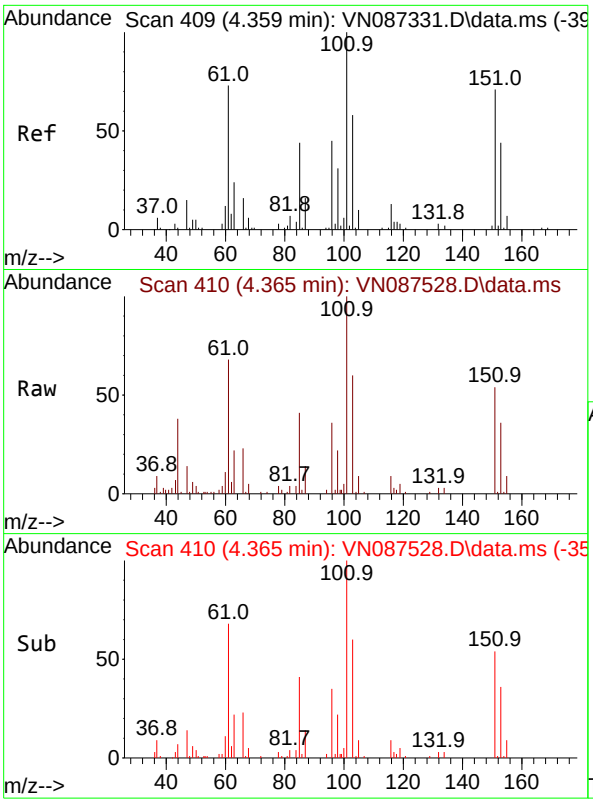


#8
Diethyl Ether
Concen: 23.393 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 74 Resp: 48291

Ion	Ratio	Lower	Upper
74	100		
45	101.8	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.429 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

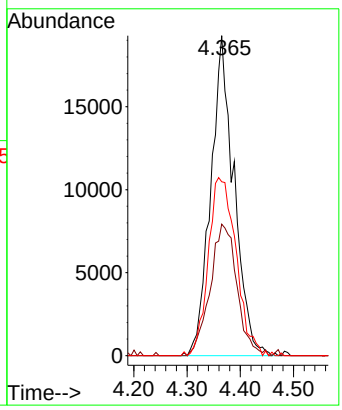
Tgt Ion:101 Resp: 5854(

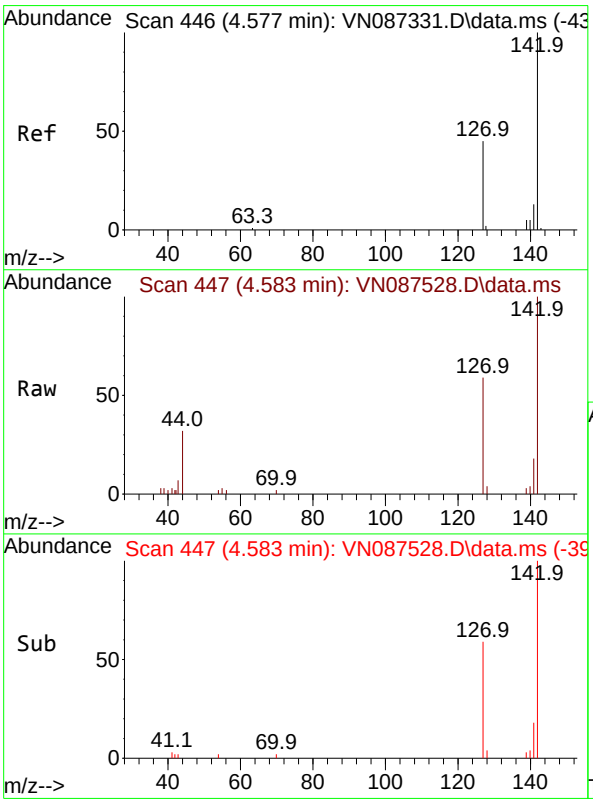
Ion	Ratio	Lower	Upper
101	100		
85	47.1	37.3	55.9
151	66.5	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

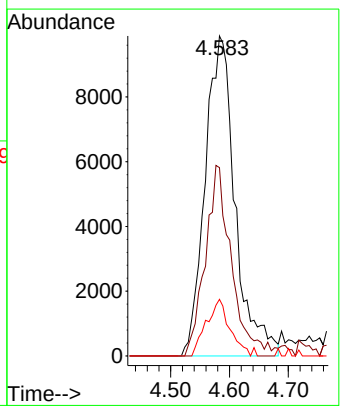


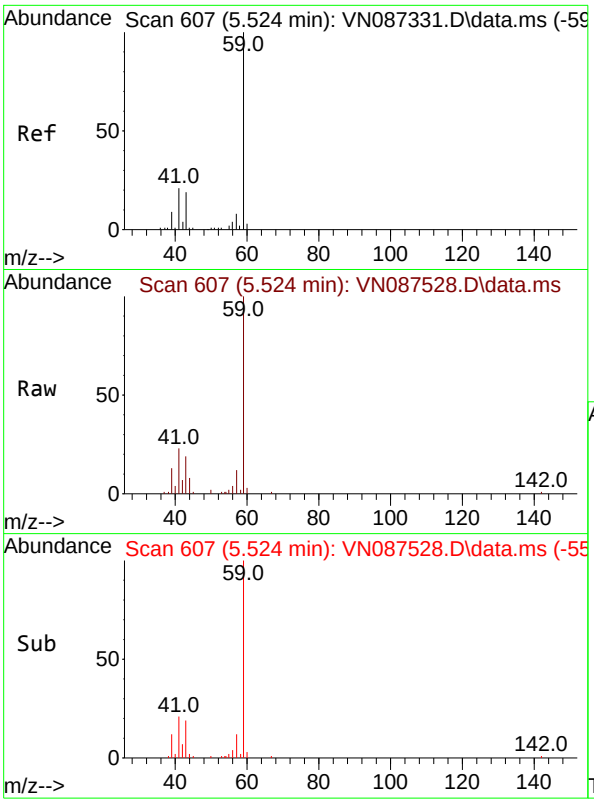


#10
Methyl Iodide
Concen: 16.690 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:142 Resp: 35025

Ion	Ratio	Lower	Upper
142	100		
127	58.9	35.7	53.5#
141	17.7	10.4	15.6#

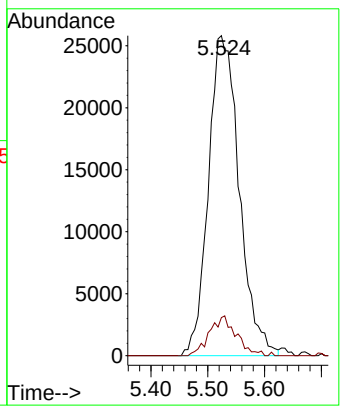




#11
Tert butyl alcohol
Concen: 111.202 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 59 Resp: 9714

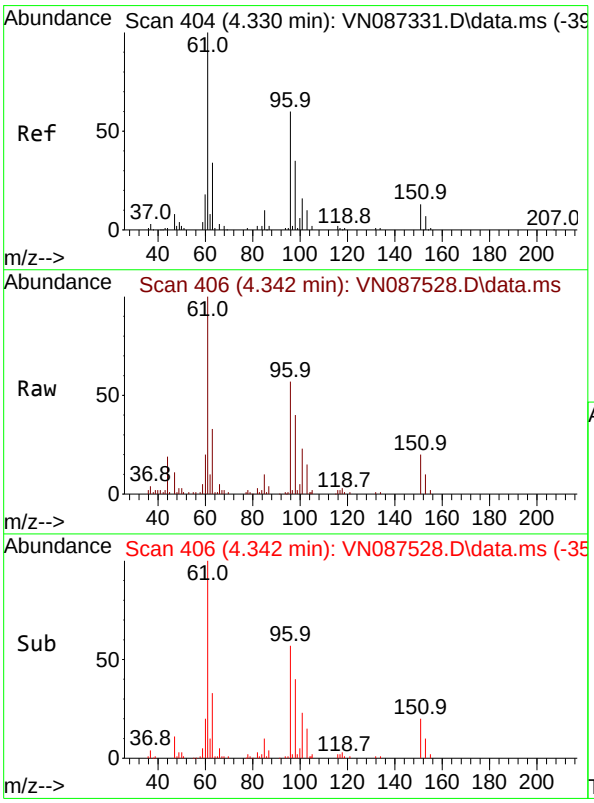
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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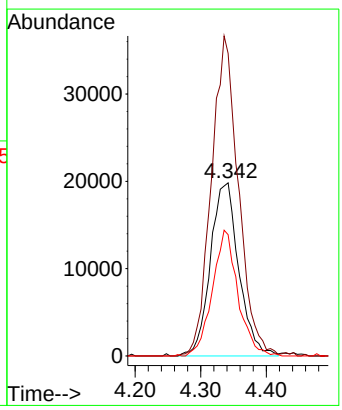
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

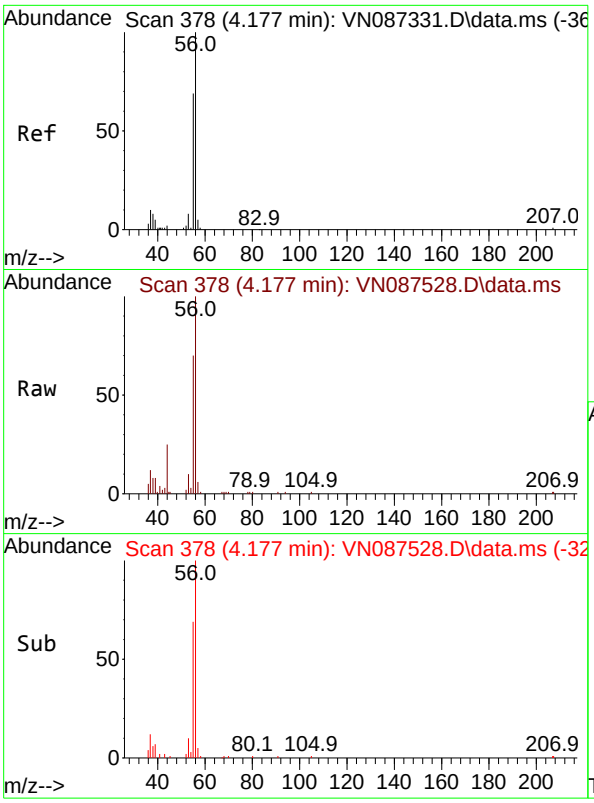


#12
1,1-Dichloroethene
Concen: 19.247 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 96 Resp: 59582

Ion	Ratio	Lower	Upper
96	100		
61	174.8	132.3	198.5
98	69.3	46.8	70.2

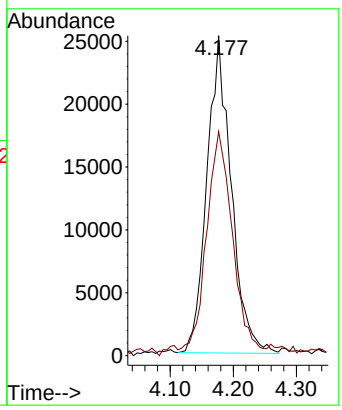




#13
Acrolein
Concen: 96.264 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 56 Resp: 6748

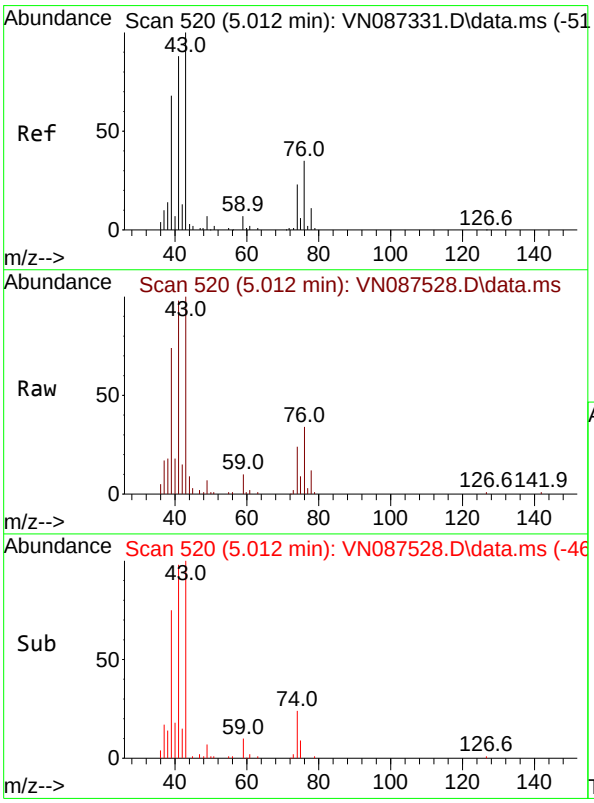
Ion	Ratio	Lower	Upper
56	100		
55	74.6	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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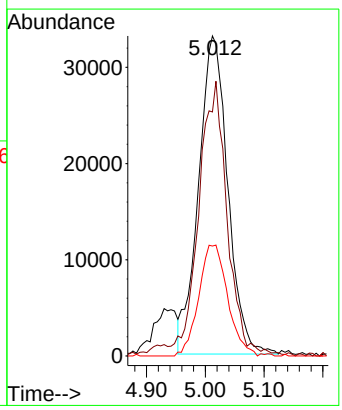
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

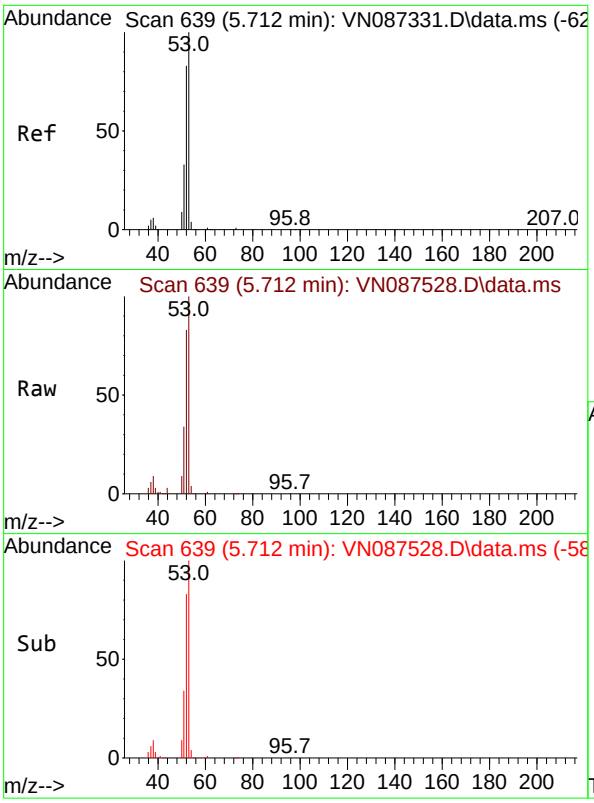


#14
Allyl chloride
Concen: 20.424 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 41 Resp: 114422

Ion	Ratio	Lower	Upper
41	100		
39	82.2	59.0	88.6
76	34.5	28.7	43.1

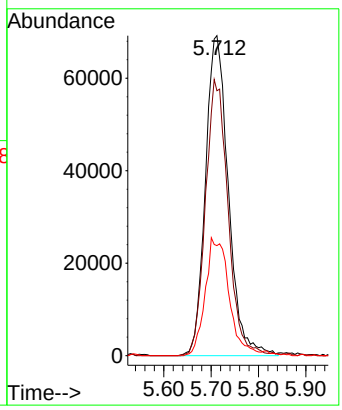




#15
Acrylonitrile
Concen: 98.163 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 53 Resp: 23269

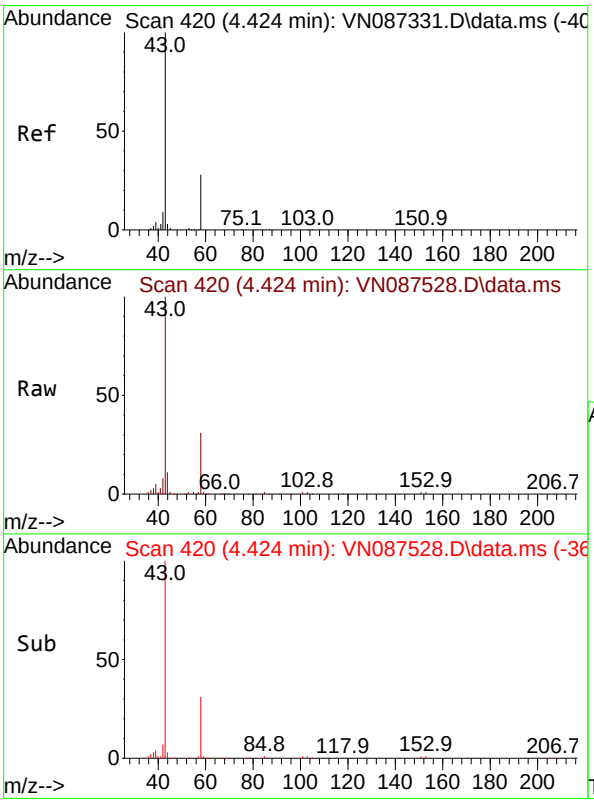
Ion	Ratio	Lower	Upper
53	100		
52	84.9	65.5	98.3
51	38.2	28.7	43.1



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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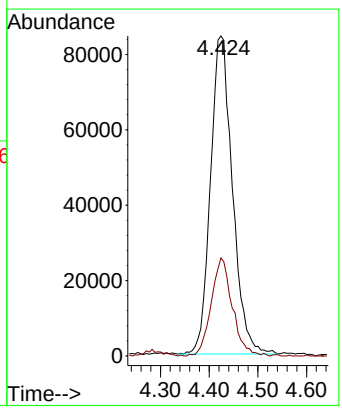
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

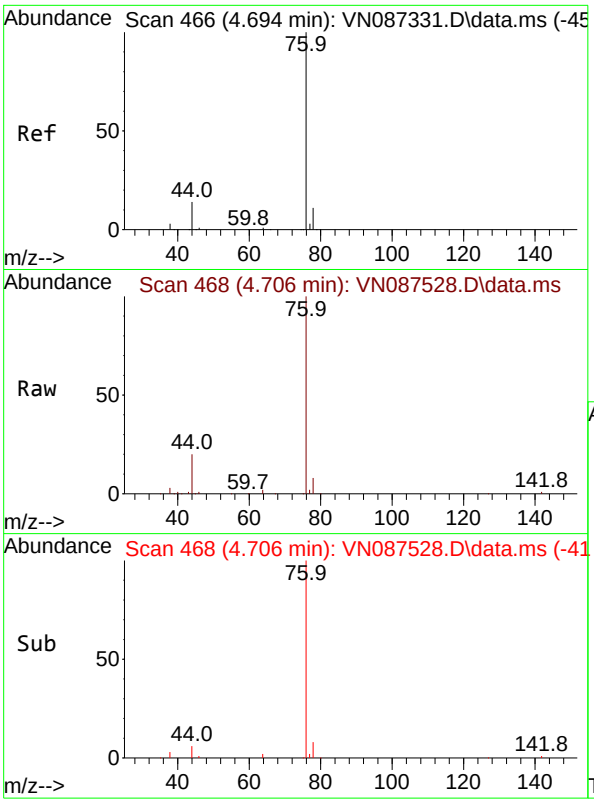


#16
Acetone
Concen: 122.670 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 264610

Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.3	33.5

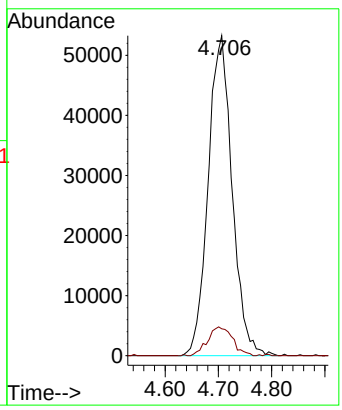




#17
Carbon Disulfide
Concen: 18.146 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 76 Resp: 16654

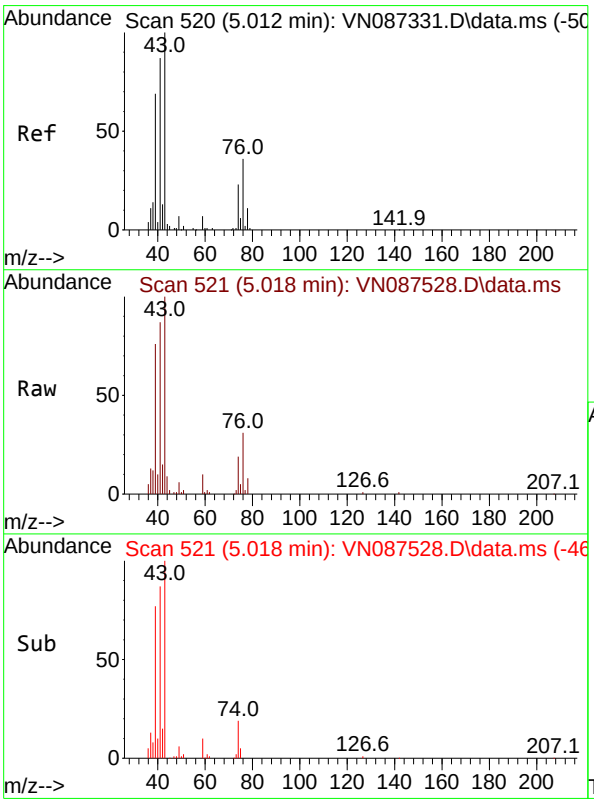
Ion	Ratio	Lower	Upper
76	100		
78	8.4	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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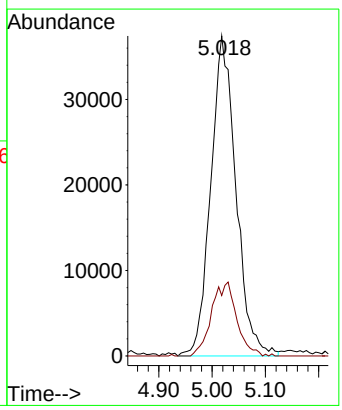
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

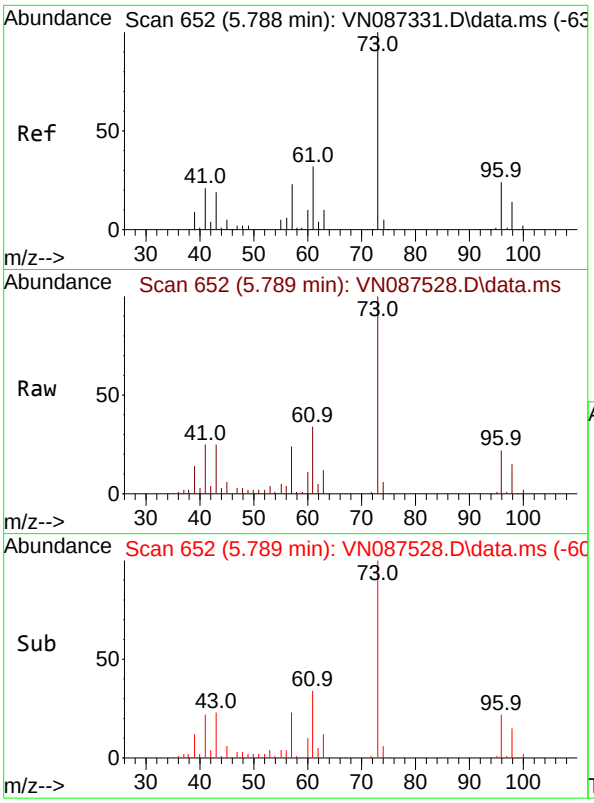


#18
Methyl Acetate
Concen: 22.720 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 123131

Ion	Ratio	Lower	Upper
43	100		
74	23.1	17.8	26.6

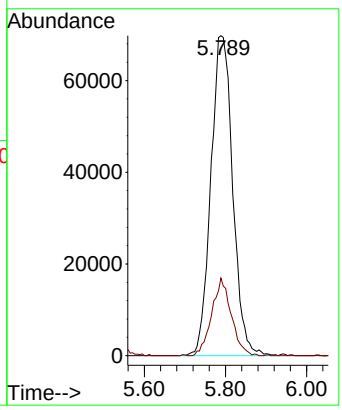




#19
Methyl tert-butyl Ether
Concen: 22.862 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 73 Resp: 26086

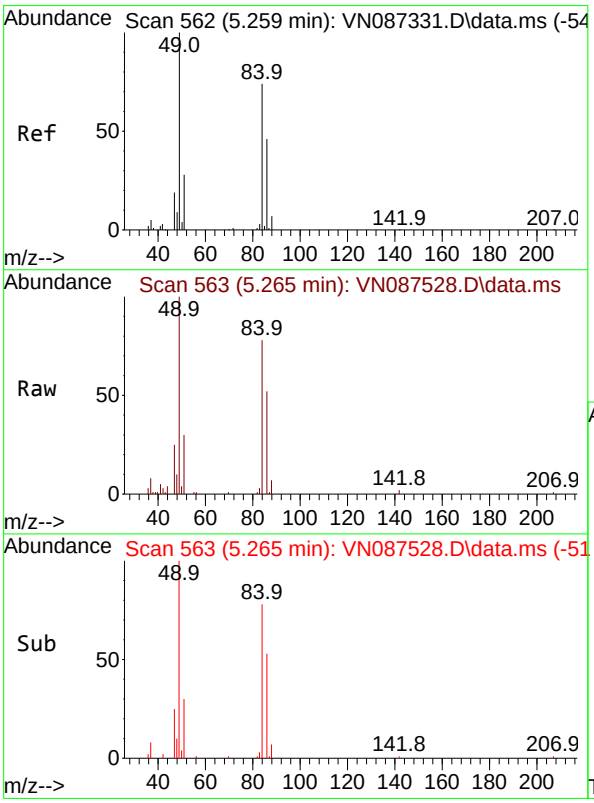
Ion	Ratio	Lower	Upper
73	100		
57	24.3	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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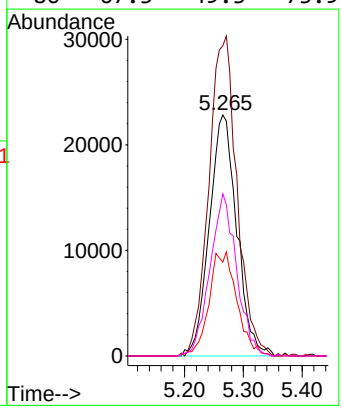
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

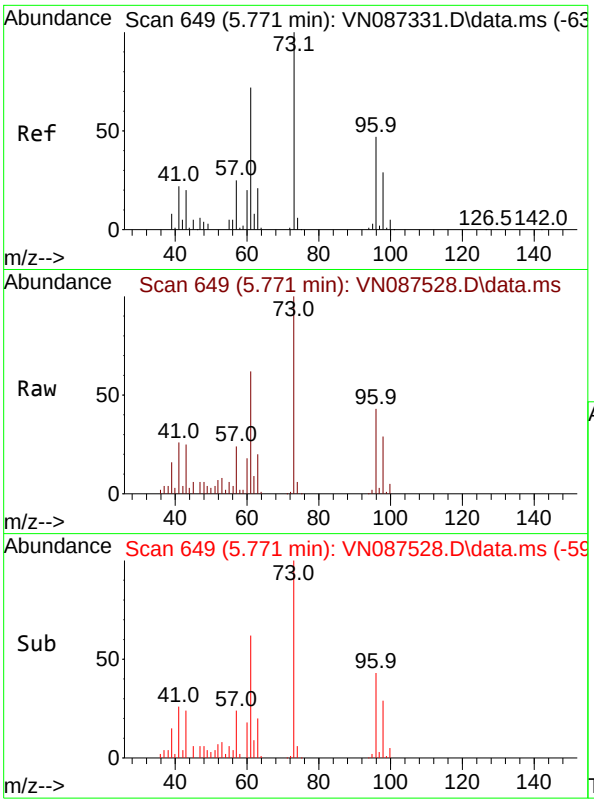


#20
Methylene Chloride
Concen: 19.972 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 84 Resp: 74231

Ion	Ratio	Lower	Upper
84	100		
49	128.8	107.5	161.3
51	38.9	30.2	45.2
86	67.3	49.3	73.9

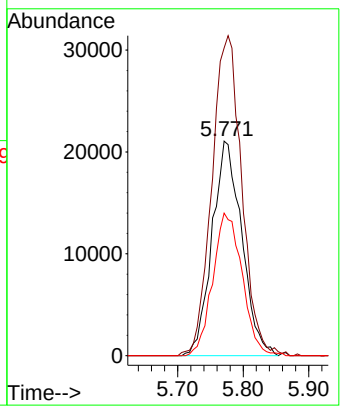




#21
trans-1,2-Dichloroethene
Concen: 18.994 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 96 Resp: 6630

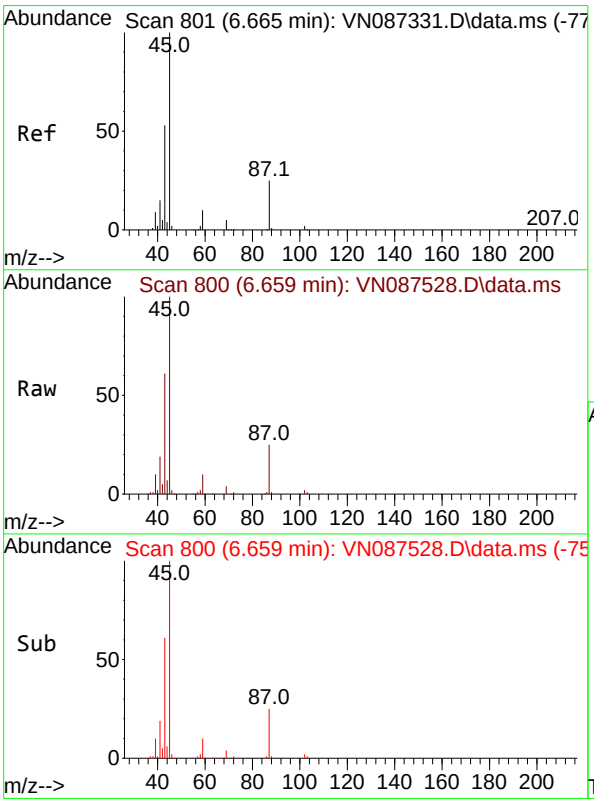
Ion	Ratio	Lower	Upper
96	100		
61	143.4	122.0	183.0
98	66.4	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

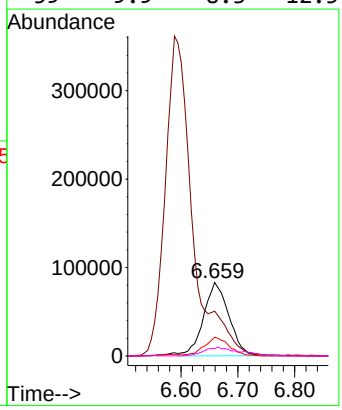
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

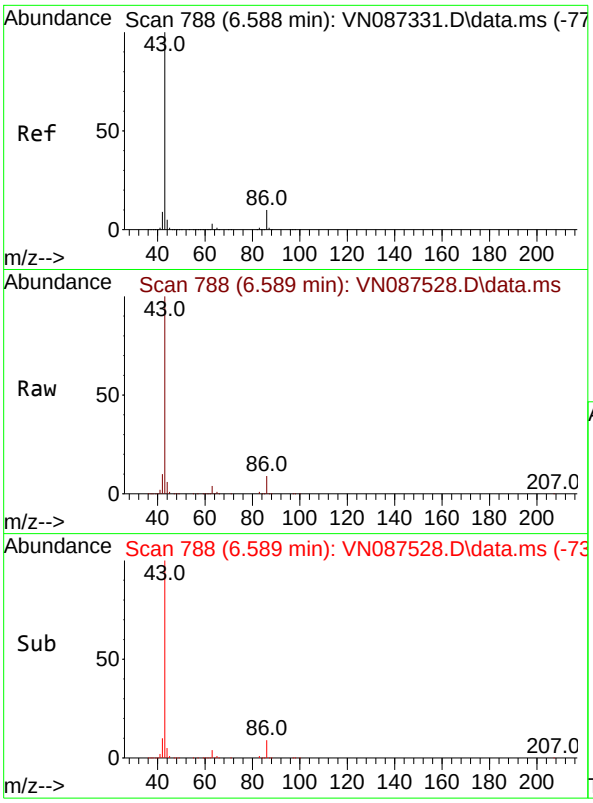


#22
Diisopropyl ether
Concen: 21.779 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 45 Resp: 255940

Ion	Ratio	Lower	Upper
45	100		
43	59.8	42.8	64.2
87	25.3	19.8	29.6
59	9.9	8.3	12.5

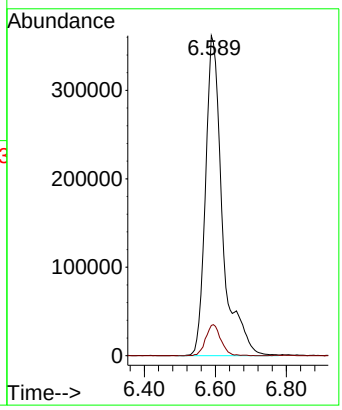




#23
Vinyl Acetate
Concen: 116.798 ug/l
RT: 6.589 min Scan# 7
Delta R.T. 0.001 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 120044

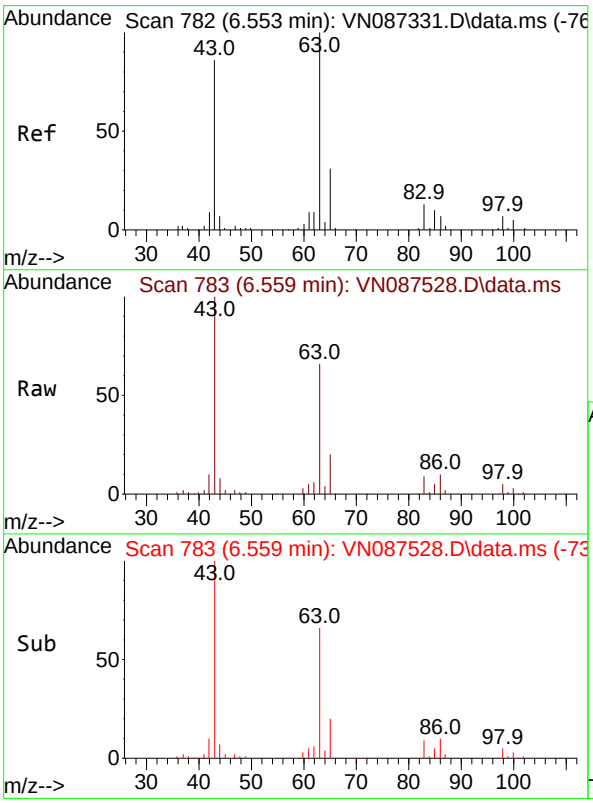
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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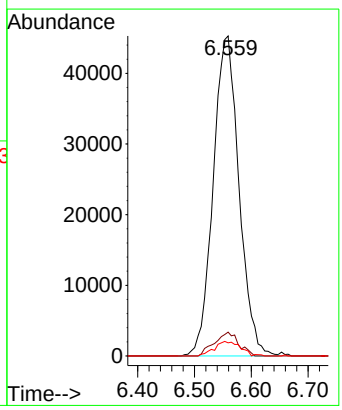
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

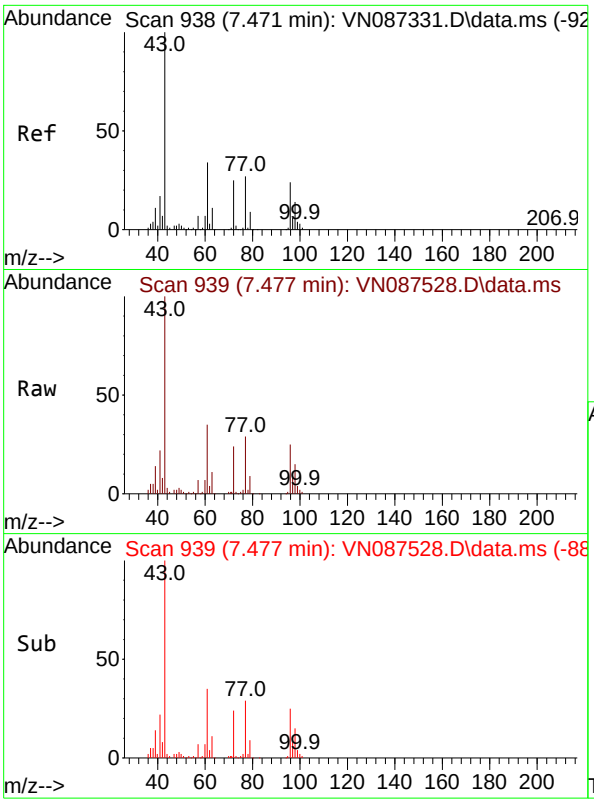


#24
1,1-Dichloroethane
Concen: 21.092 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 63 Resp: 142998

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.1	2.5	7.4

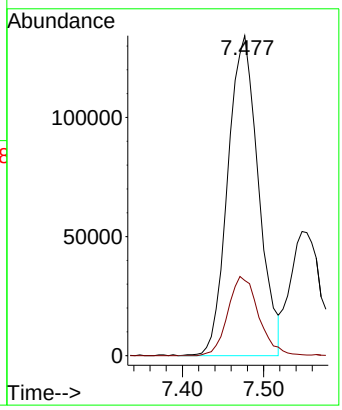




#25
2-Butanone
Concen: 105.636 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 35207

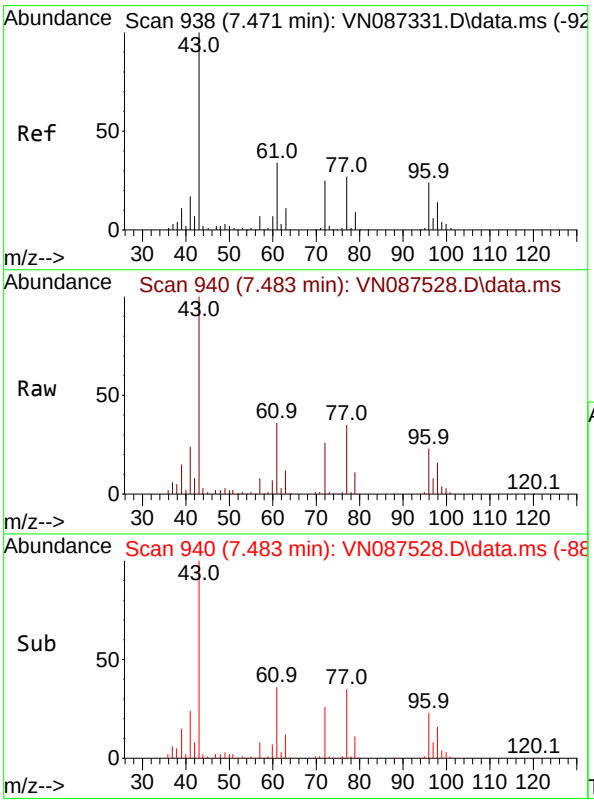
Ion	Ratio	Lower	Upper
43	100		
72	23.5	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

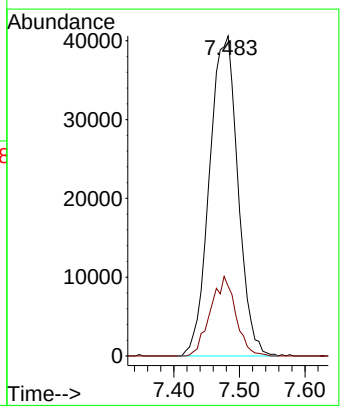
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

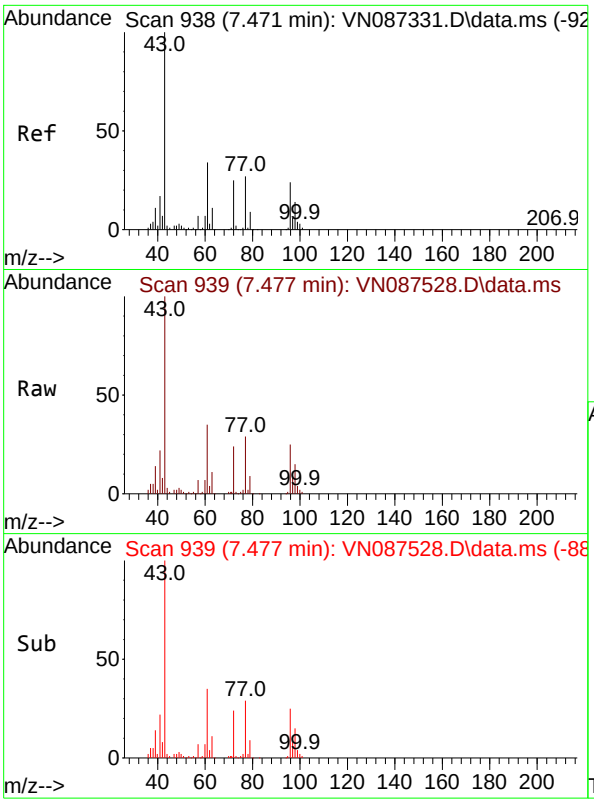


#26
2,2-Dichloropropane
Concen: 23.217 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 77 Resp: 122382

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.1	33.1

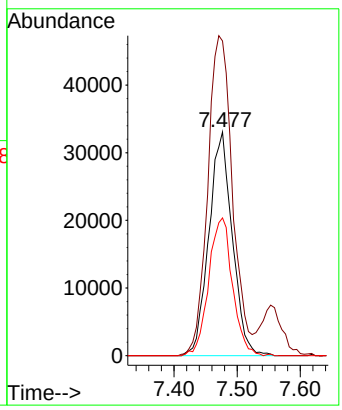




#27
cis-1,2-Dichloroethene
Concen: 21.238 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 96 Resp: 8534

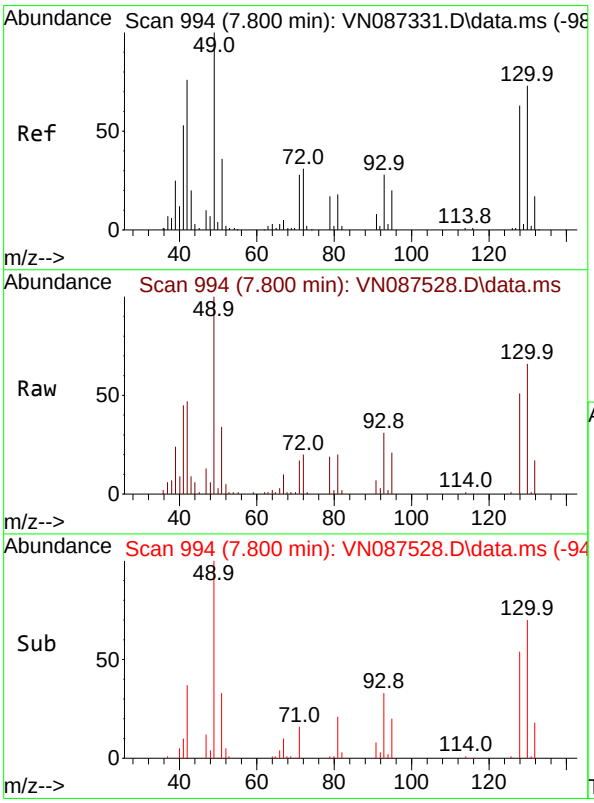
Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	297.8
98	62.4	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

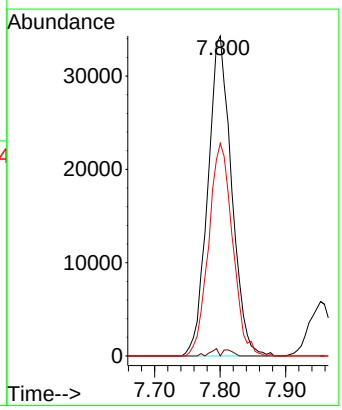
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

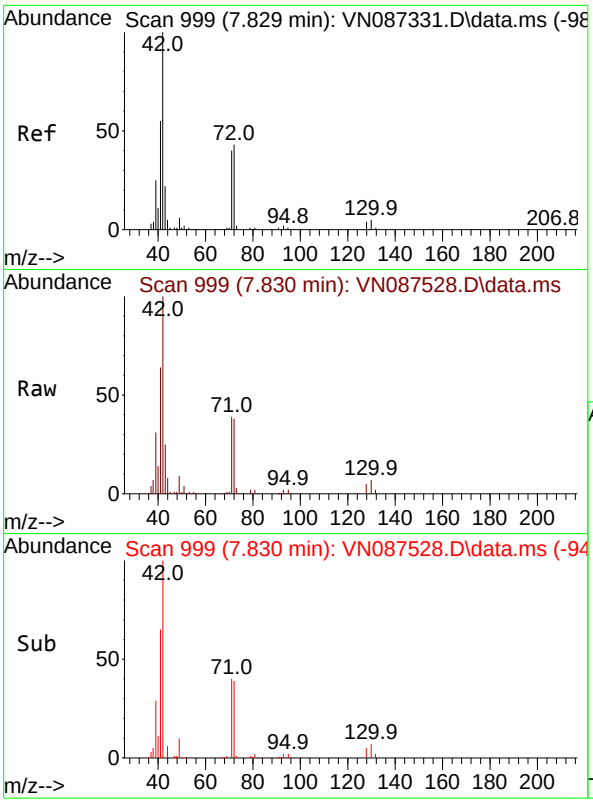


#28
Bromochloromethane
Concen: 26.583 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 49 Resp: 86255

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.2
130	66.8	57.3	85.9

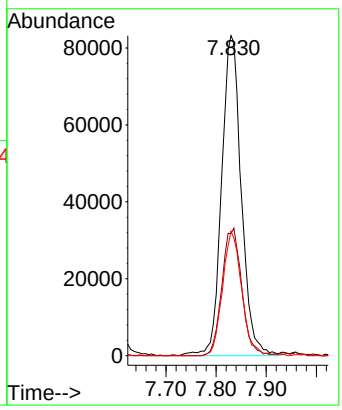




#29
Tetrahydrofuran
Concen: 104.782 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 42 Resp: 22686

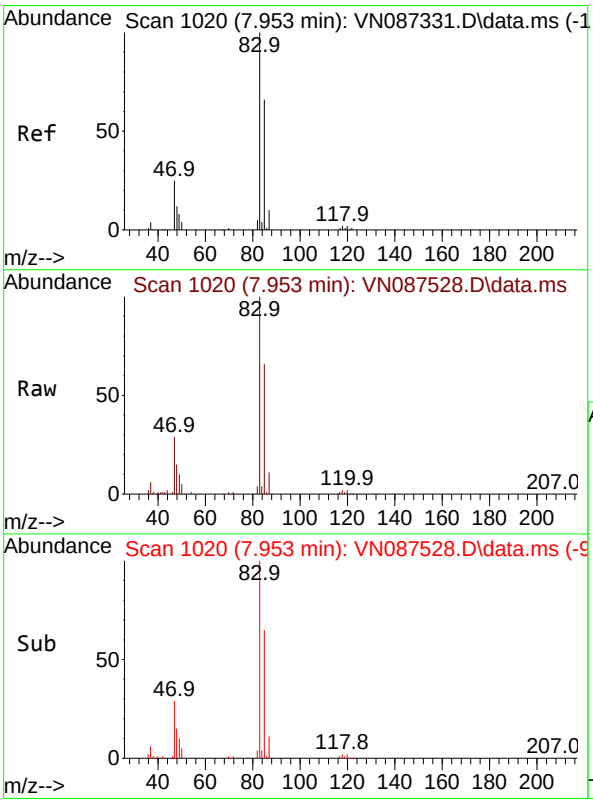
Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.4	50.0
71	37.9	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

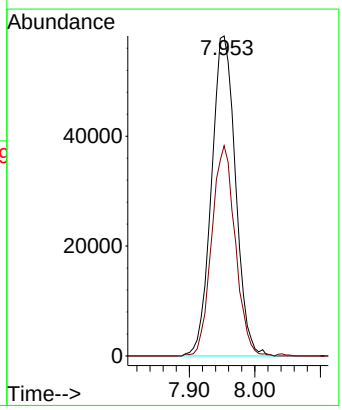
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

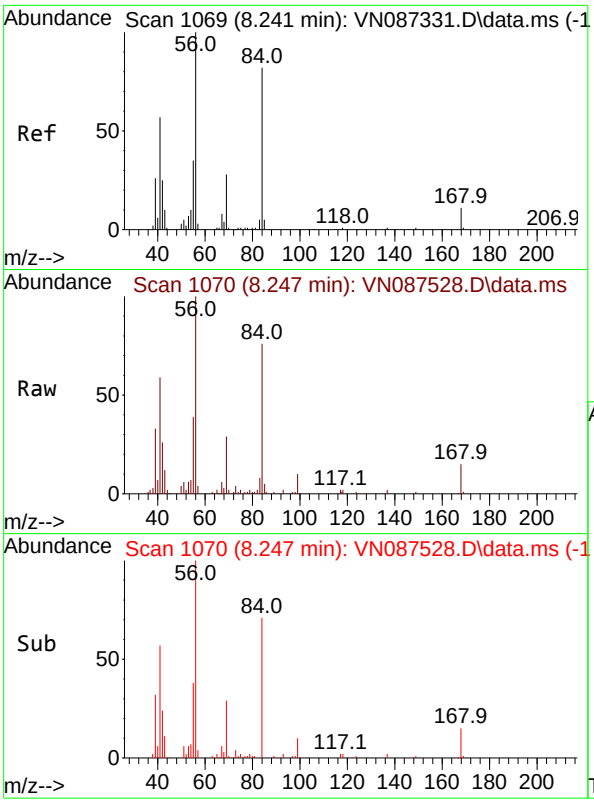


#30
Chloroform
Concen: 21.803 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 83 Resp: 147959

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.7	79.1

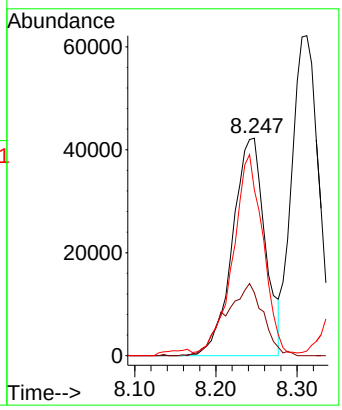




#31
Cyclohexane
Concen: 20.768 ug/l
RT: 8.247 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 56 Resp: 11745

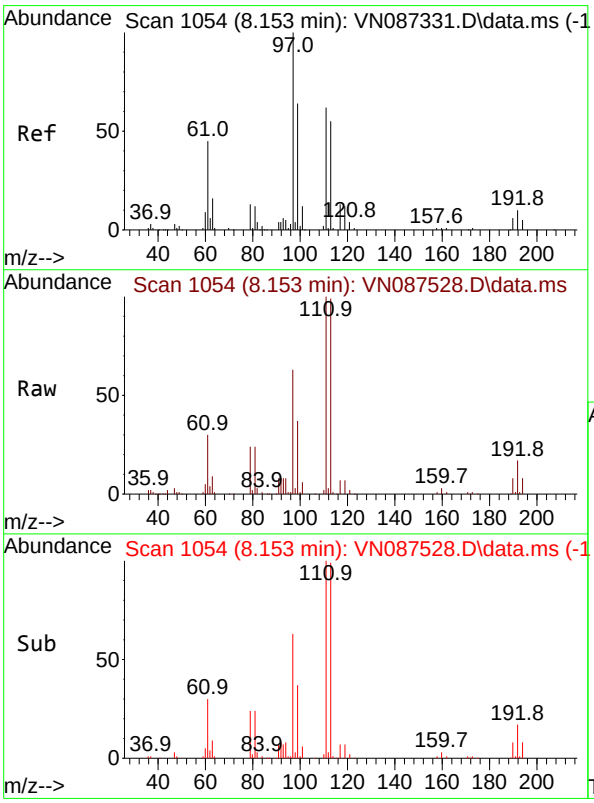
Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.7	34.1
84	74.0	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

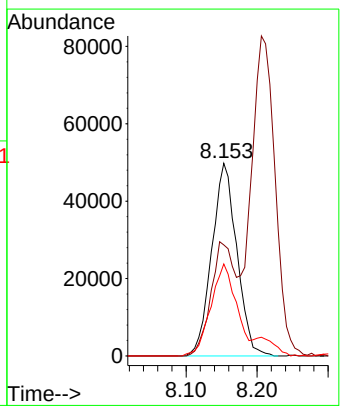
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

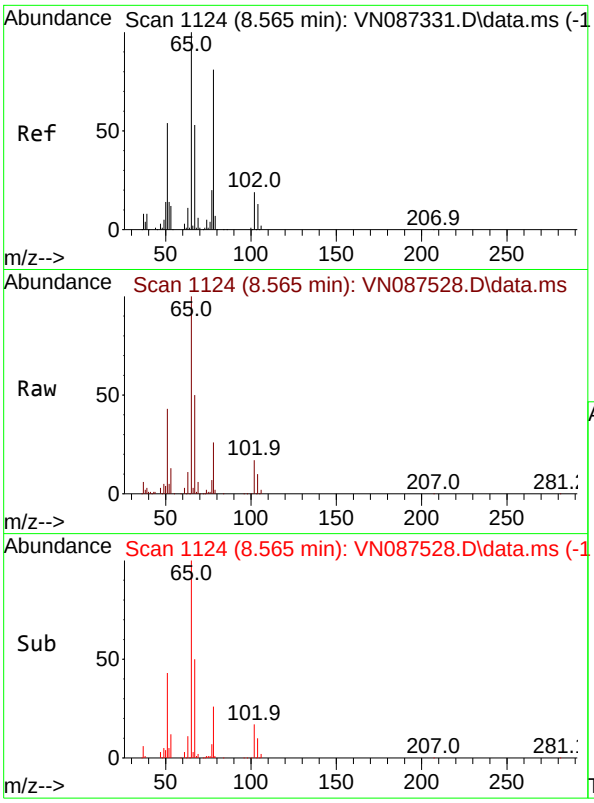


#32
1,1,1-Trichloroethane
Concen: 20.709 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 97 Resp: 121717

Ion	Ratio	Lower	Upper
97	100		
99	55.0	51.8	77.8
61	49.9	38.7	58.1





#33
1,2-Dichloroethane-d4
Concen: 58.546 ug/l
RT: 8.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

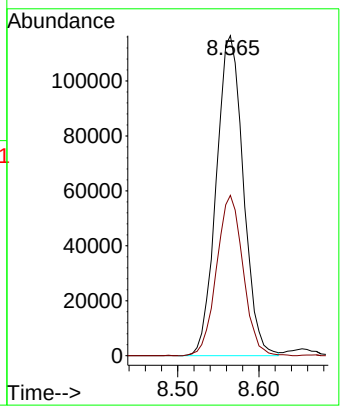
Tgt Ion: 65 Resp: 26934

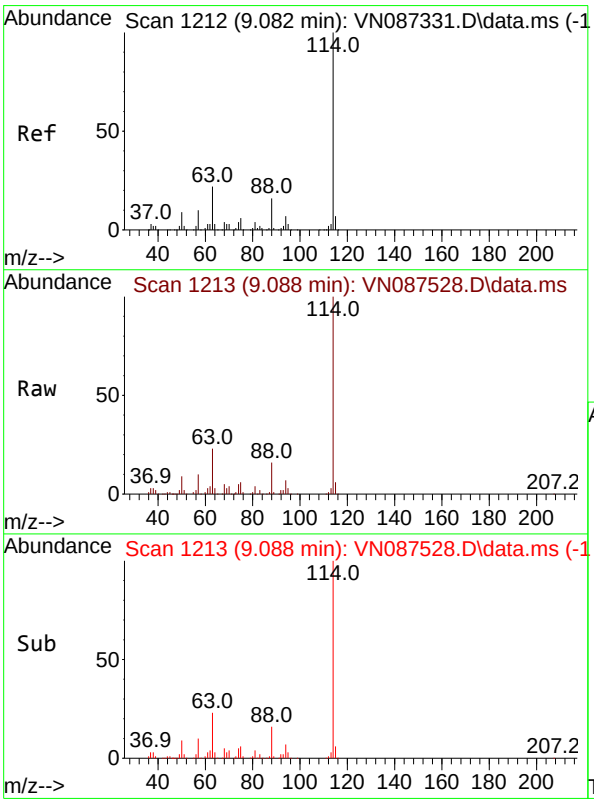
Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	104.0

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

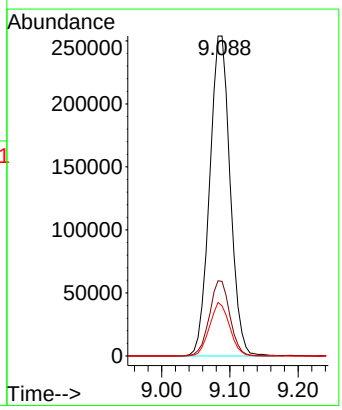


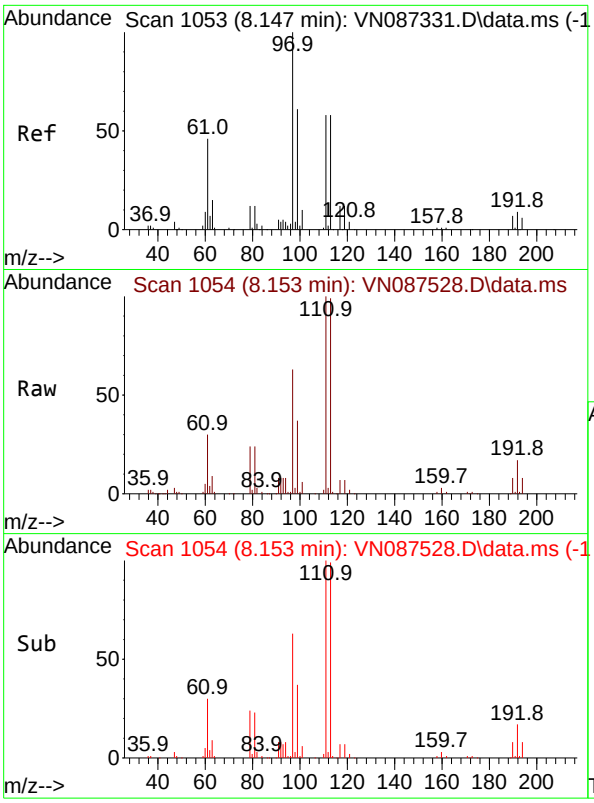


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:114 Resp: 532074

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.6
88	15.6	0.0	32.8

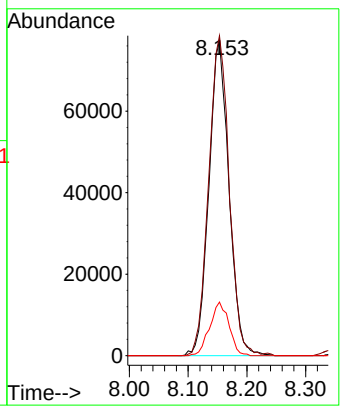




#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:113 Resp: 18332

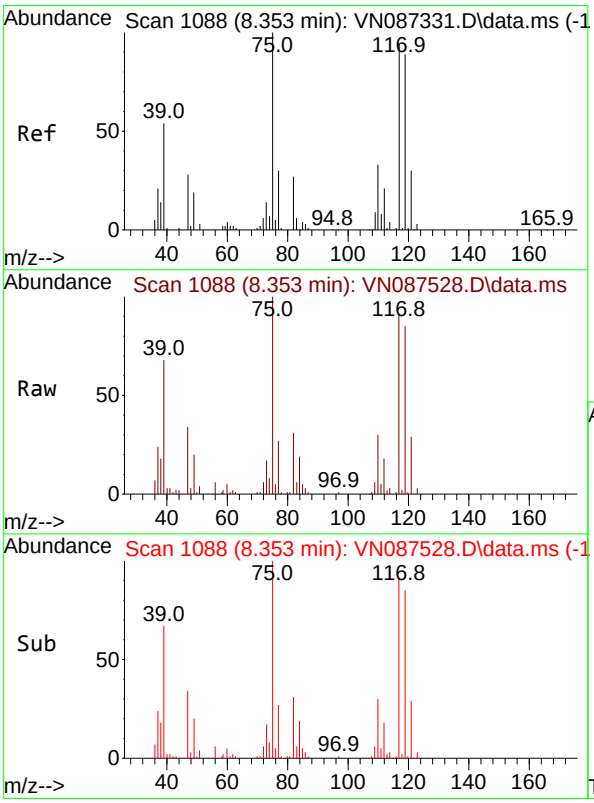
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.5	123.7
192	16.4	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

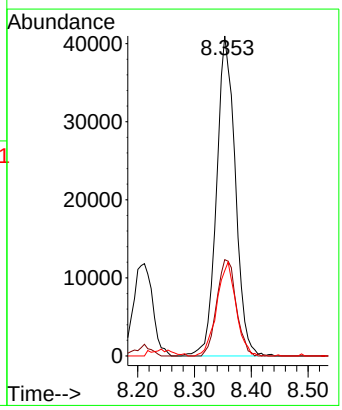
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

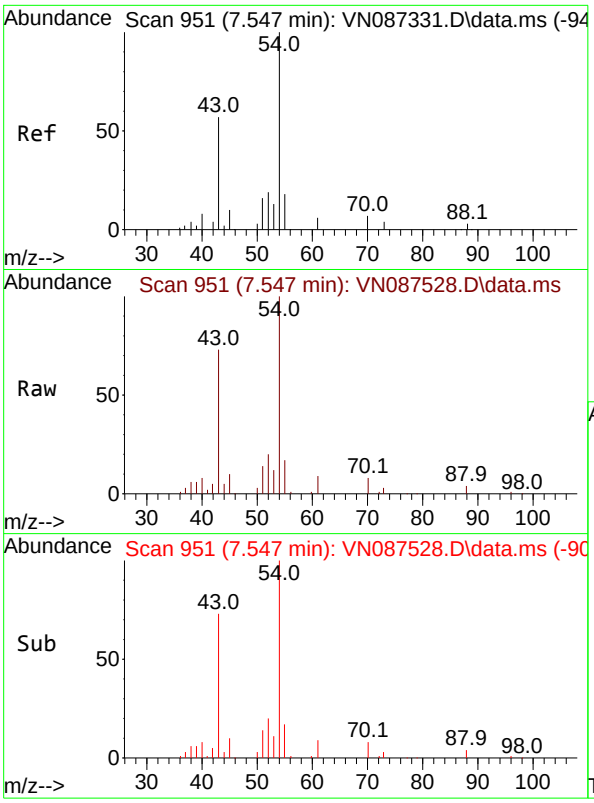


#36
1,1-Dichloropropene
Concen: 19.376 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 75 Resp: 93953

Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.7	50.1
77	30.0	25.2	37.8





#37
Ethyl Acetate
Concen: 19.997 ug/l
RT: 7.547 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

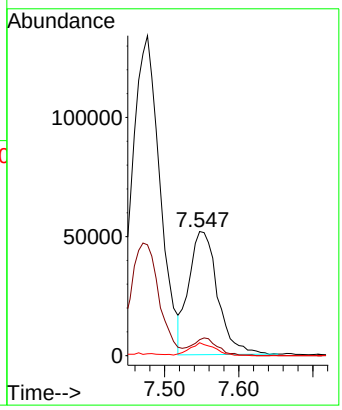
Tgt Ion: 43 Resp: 14004

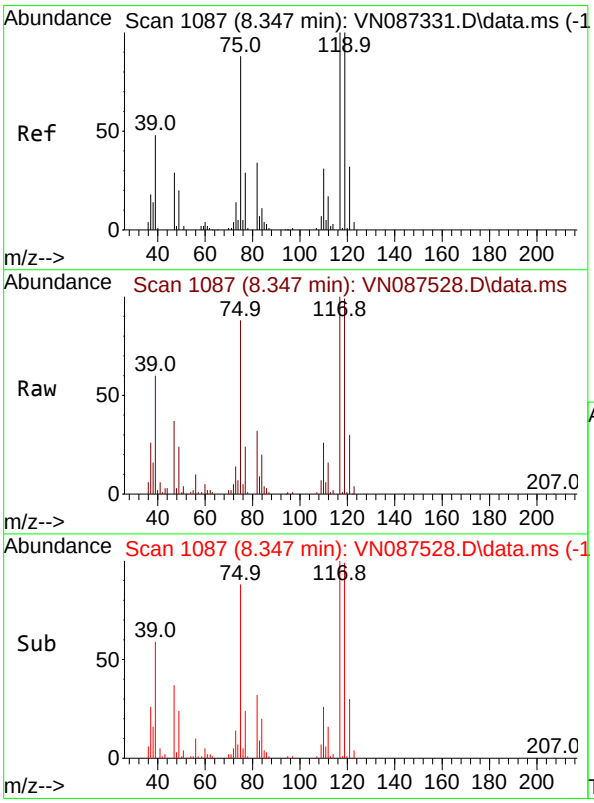
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.9	16.3
70	9.1	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

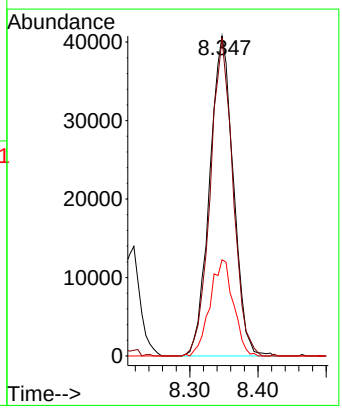


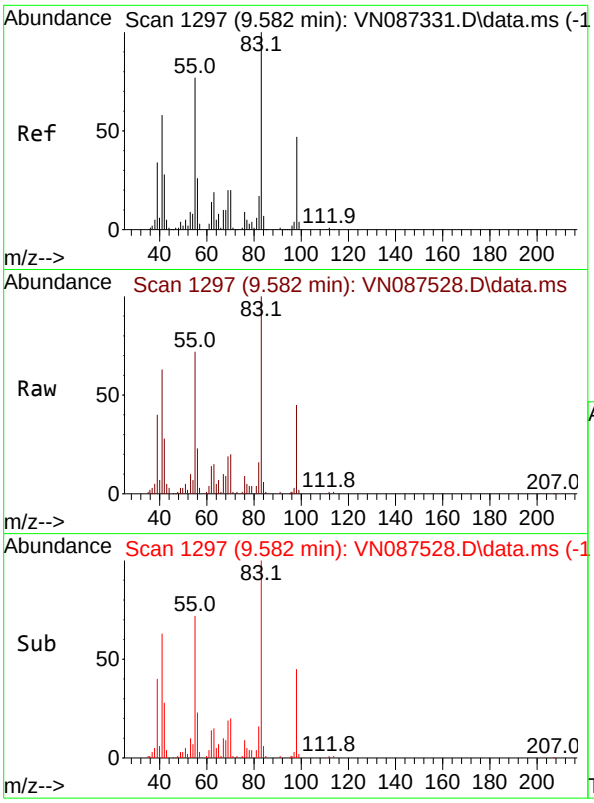


#38
Carbon Tetrachloride
Concen: 18.460 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:117 Resp: 98608

Ion	Ratio	Lower	Upper
117	100		
119	99.4	80.2	120.2
121	30.0	25.4	38.2

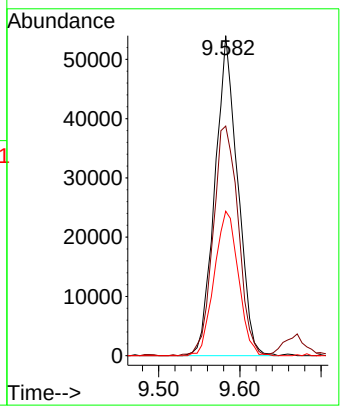




#39
Methylcyclohexane
Concen: 19.999 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 83 Resp: 10499

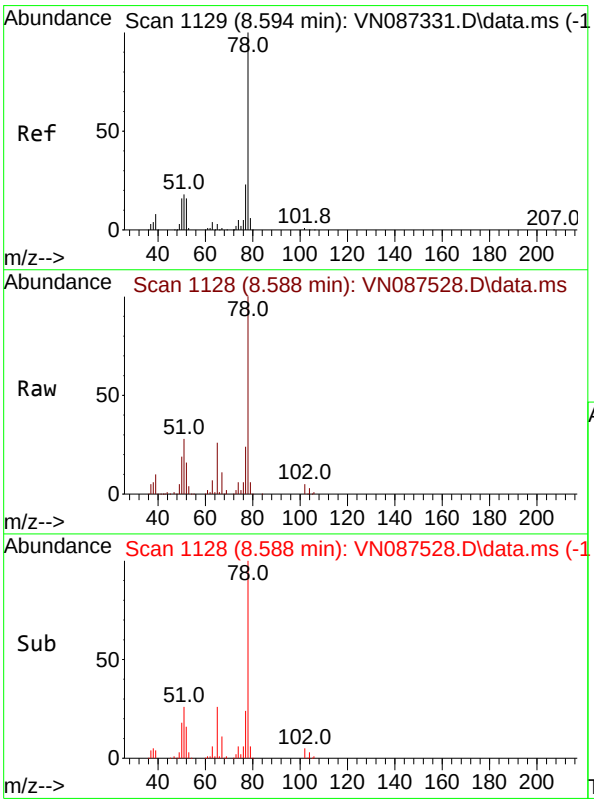
Ion	Ratio	Lower	Upper
83	100		
55	71.8	61.3	91.9
98	45.2	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

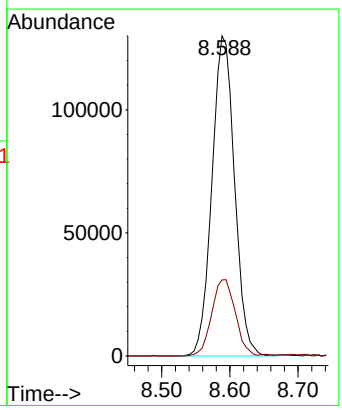
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

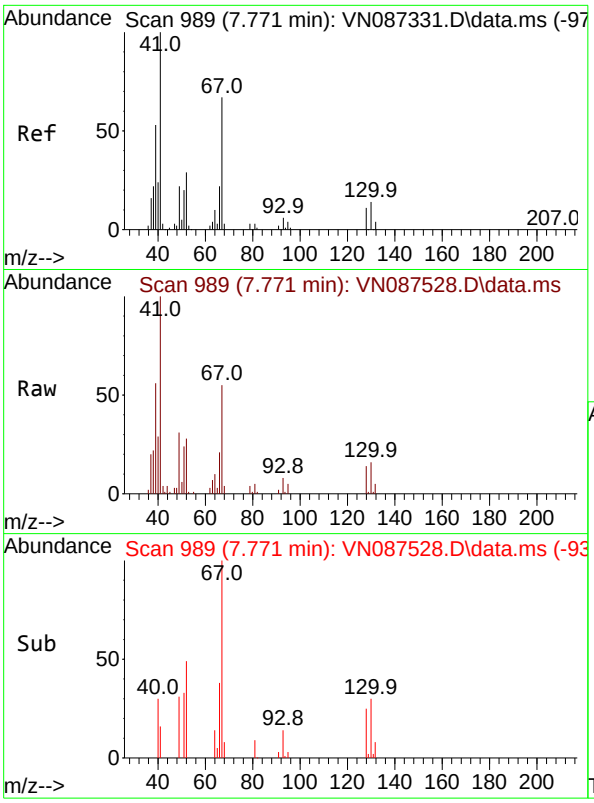


#40
Benzene
Concen: 19.160 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 78 Resp: 300280

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2

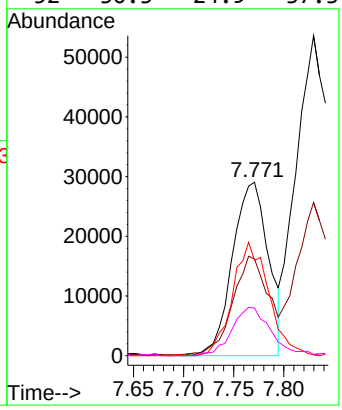




#41
Methacrylonitrile
Concen: 19.824 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 41 Resp: 7259

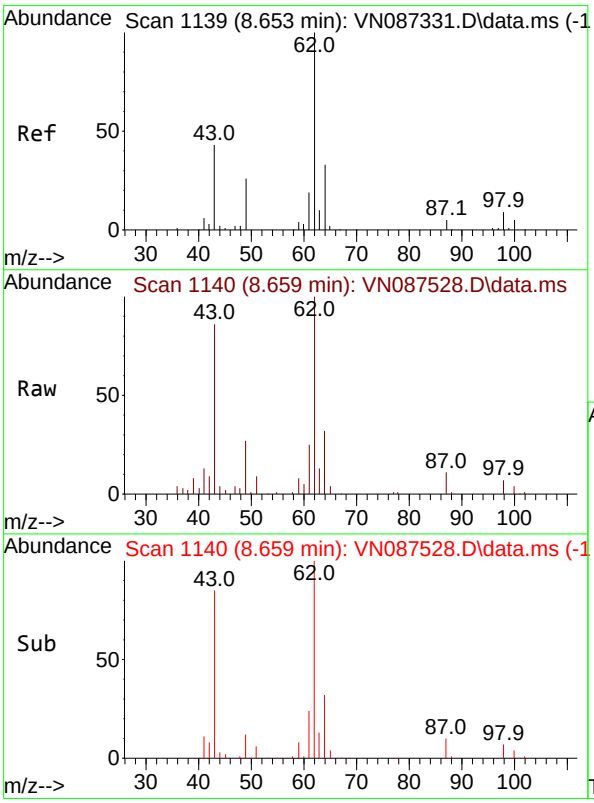
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.4	65.0
67	65.6	55.1	82.7
52	30.3	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

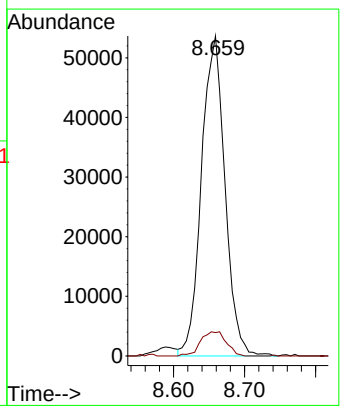
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

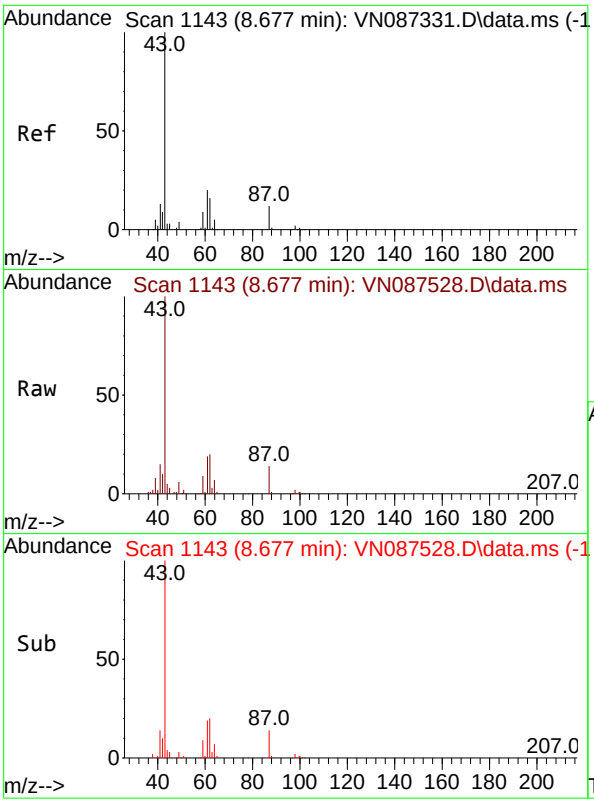


#42
1,2-Dichloroethane
Concen: 20.757 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 62 Resp: 123364

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0

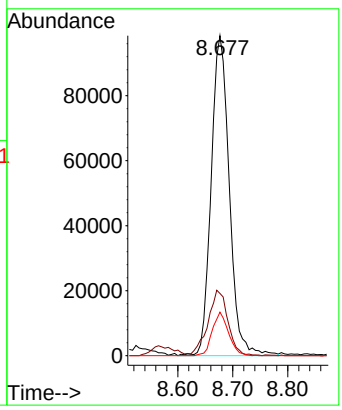




#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 22627

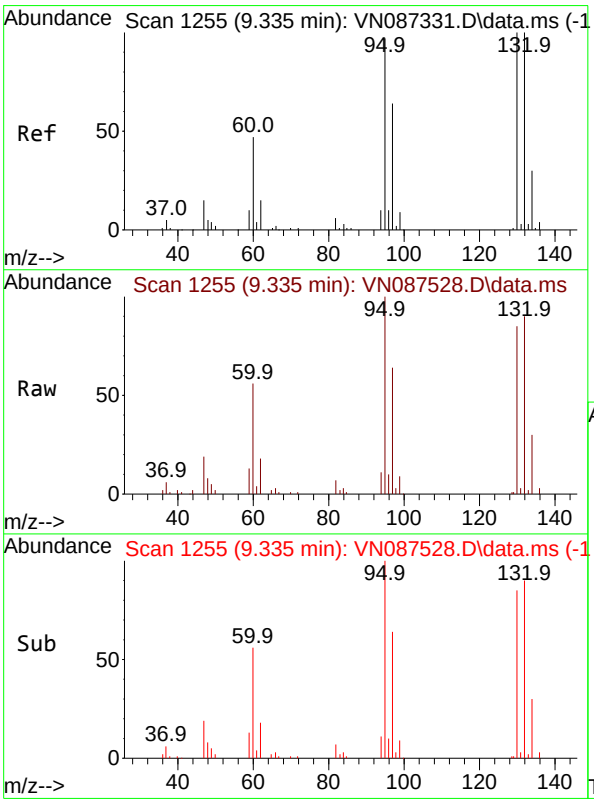
Ion	Ratio	Lower	Upper
43	100		
61	22.4	19.8	29.8
87	12.2	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

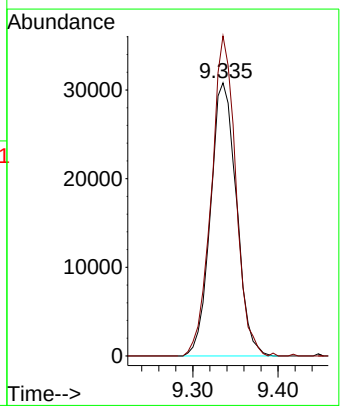
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

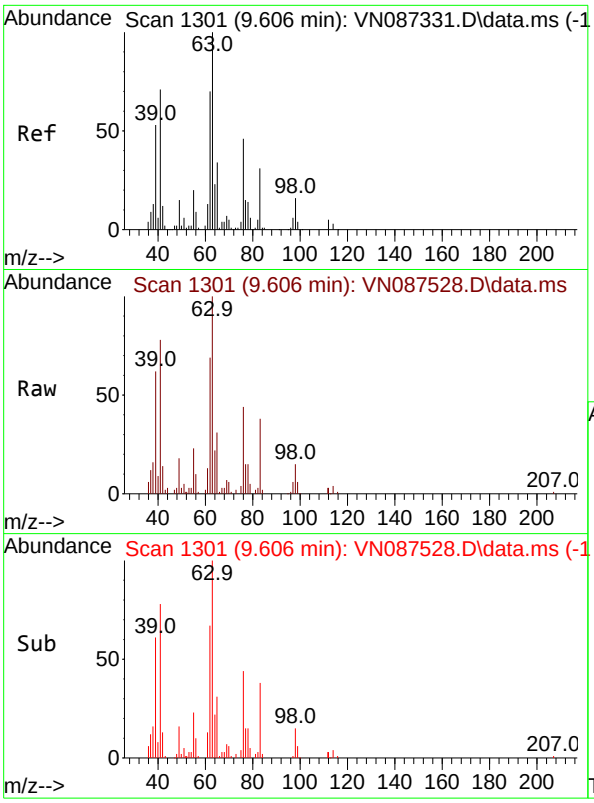


#44
Trichloroethene
Concen: 17.548 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:130 Resp: 64984

Ion	Ratio	Lower	Upper
130	100		
95	117.2	0.0	195.2

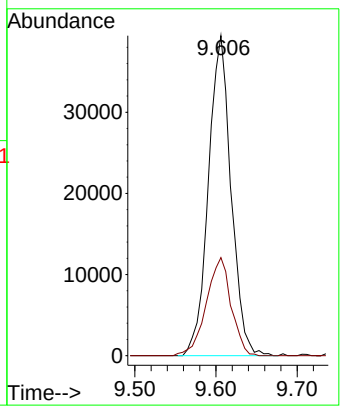




#45
1,2-Dichloropropane
Concen: 19.195 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 63 Resp: 7643

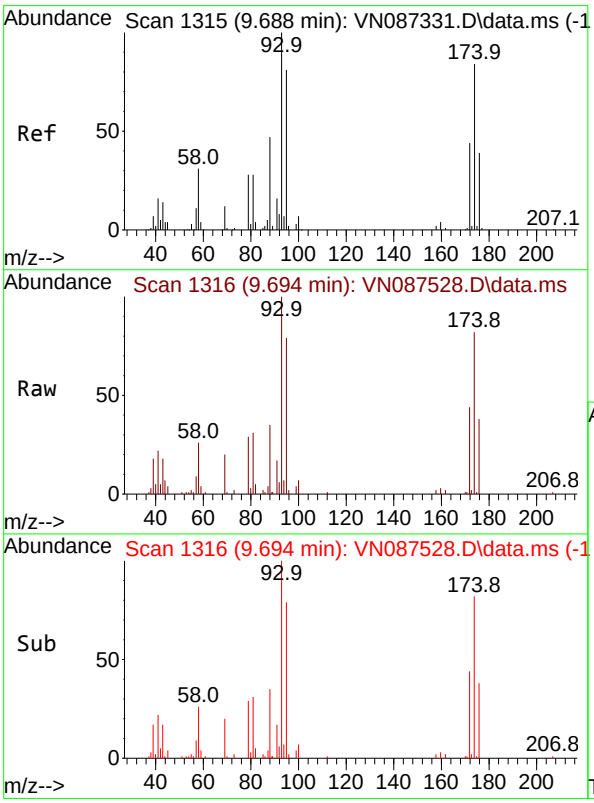
Ion	Ratio	Lower	Upper
63	100		
65	30.6	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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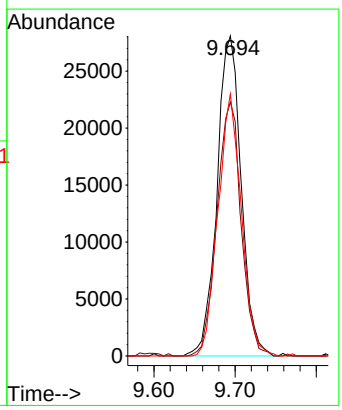
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

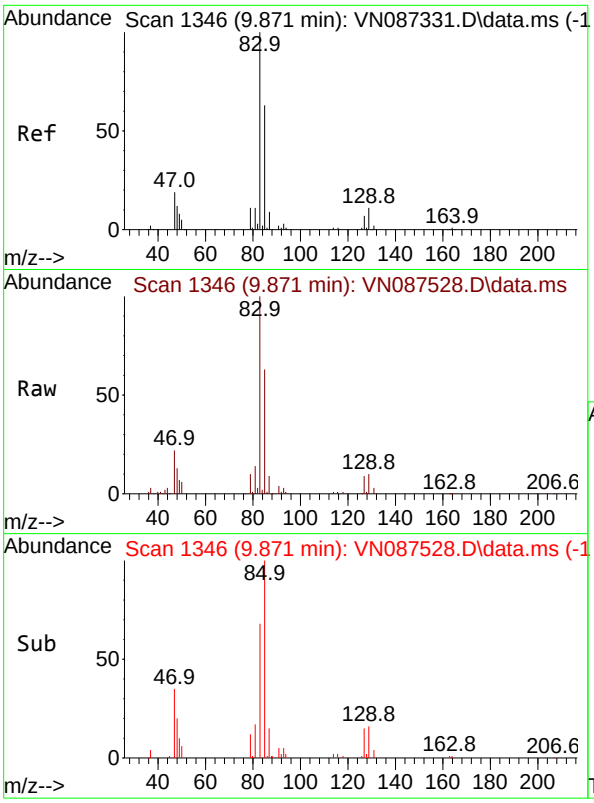


#46
Dibromomethane
Concen: 19.494 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 93 Resp: 58121

Ion	Ratio	Lower	Upper
93	100		
95	79.5	65.8	98.8
174	79.5	69.9	104.9

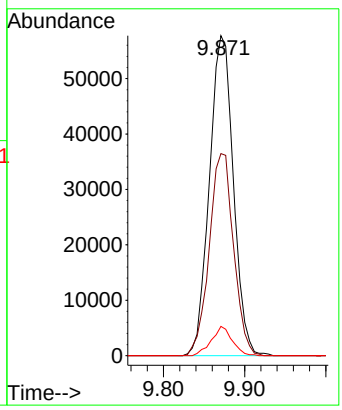




#47
Bromodichloromethane
Concen: 19.721 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 83 Resp: 11843

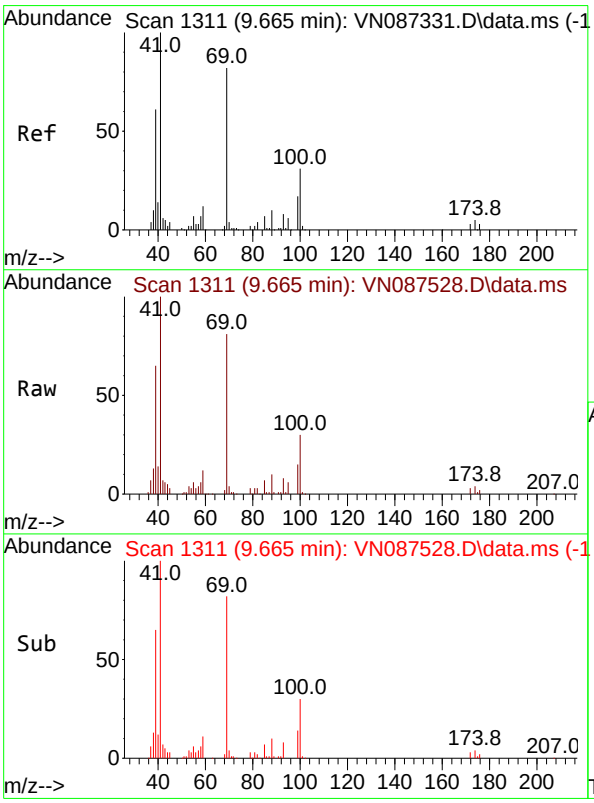
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.4	75.6
127	9.2	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

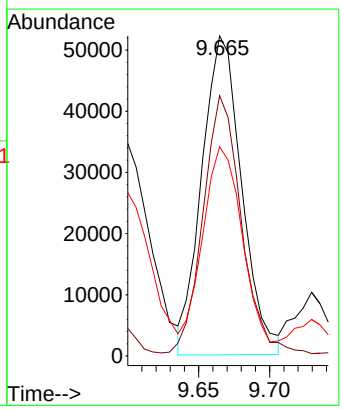
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

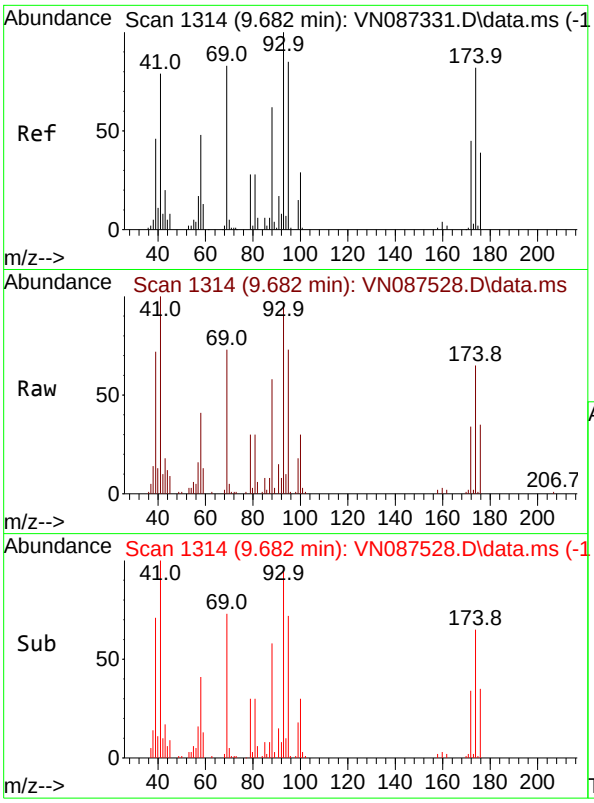


#48
Methyl methacrylate
Concen: 20.787 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 41 Resp: 101733

Ion	Ratio	Lower	Upper
41	100		
69	77.7	64.1	96.1
39	67.0	45.5	68.3





#49
1,4-Dioxane
Concen: 409.771 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

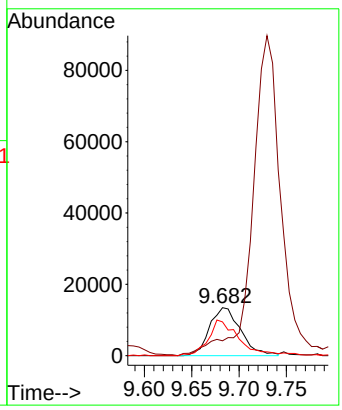
Tgt Ion: 88 Resp: 3071

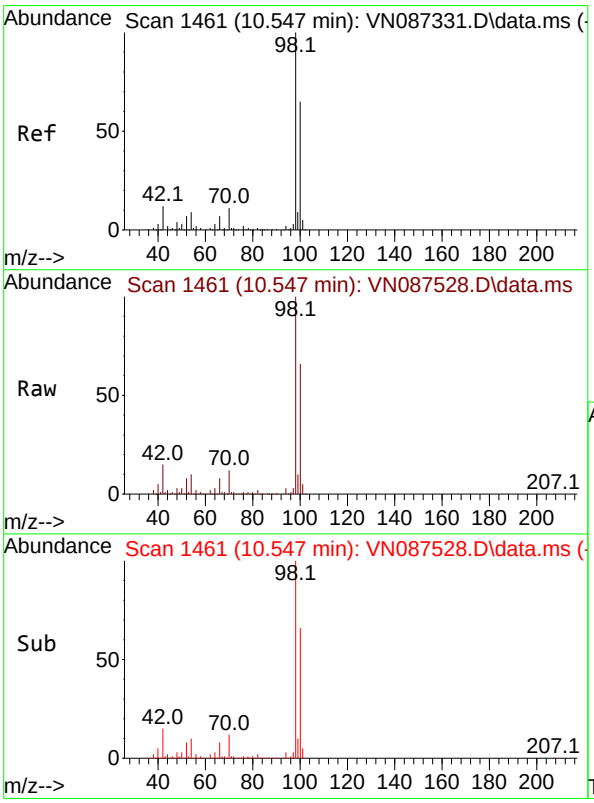
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.4	61.1	91.7

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

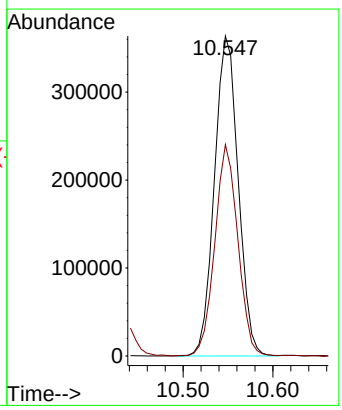


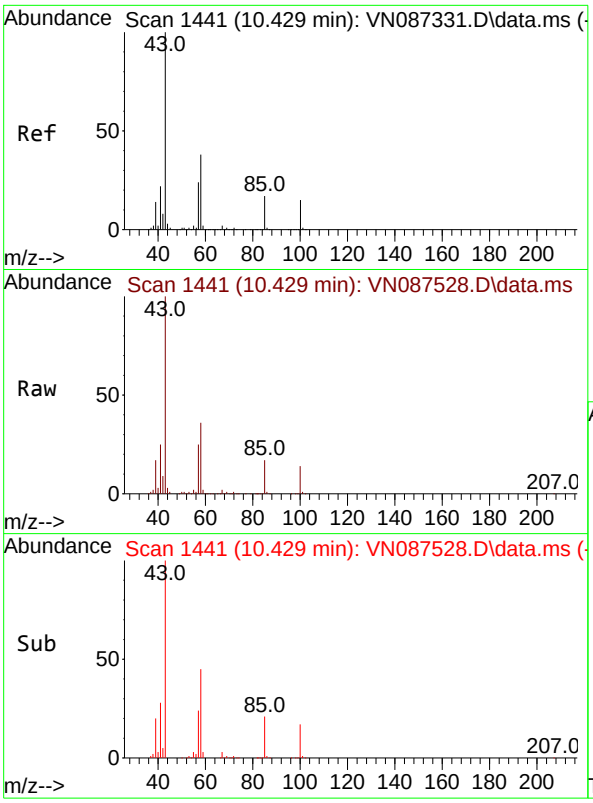


#50
Toluene-d8
Concen: 51.066 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 98 Resp: 668561

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1

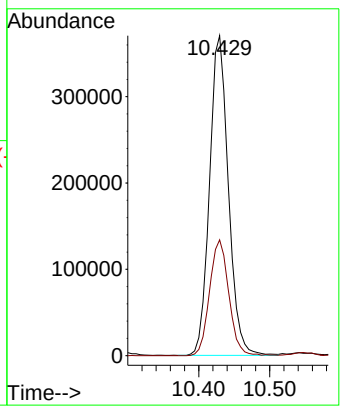




#51
4-Methyl-2-Pentanone
Concen: 99.209 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 68214

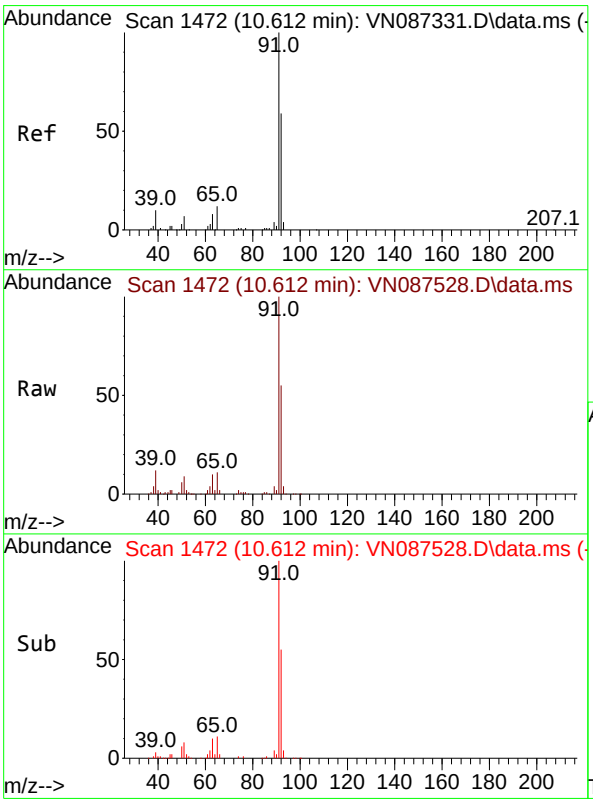
Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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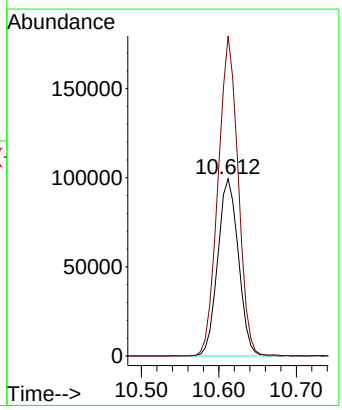
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

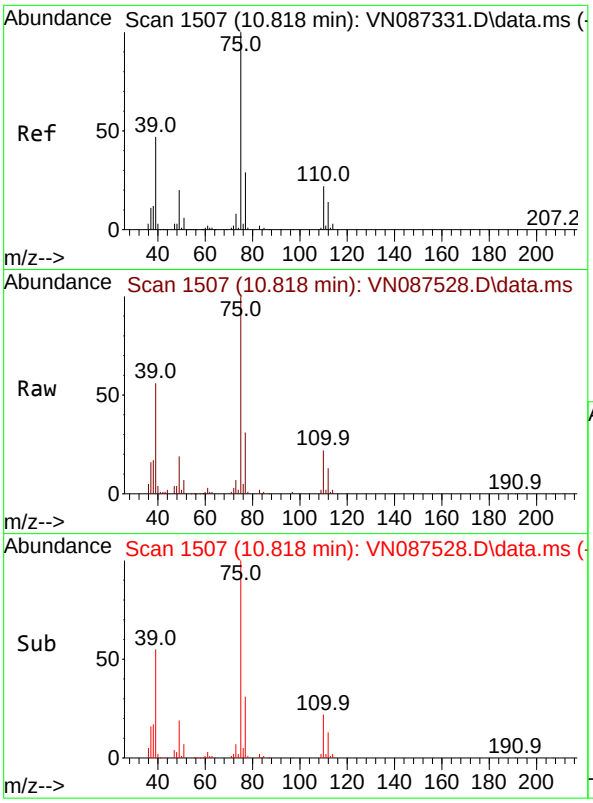


#52
Toluene
Concen: 19.330 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 92 Resp: 184134

Ion	Ratio	Lower	Upper
92	100		
91	175.9	135.1	202.7





#53
t-1,3-Dichloropropene
Concen: 20.839 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

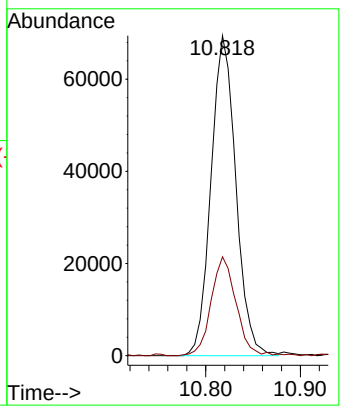
Tgt Ion: 75 Resp: 12665

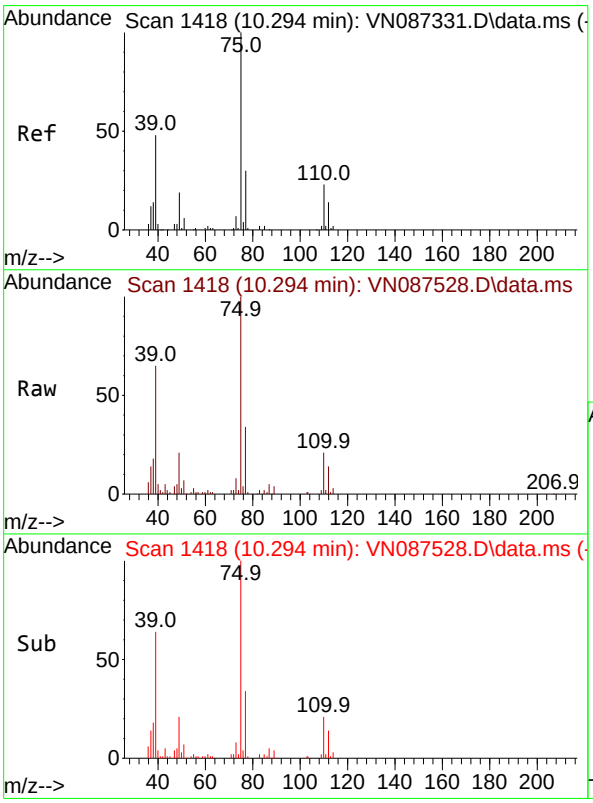
Ion	Ratio	Lower	Upper
75	100		
77	30.9	23.6	35.4

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Supervised By :Mahesh Dadoda 08/18/2025

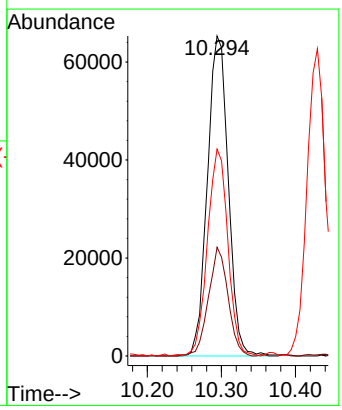


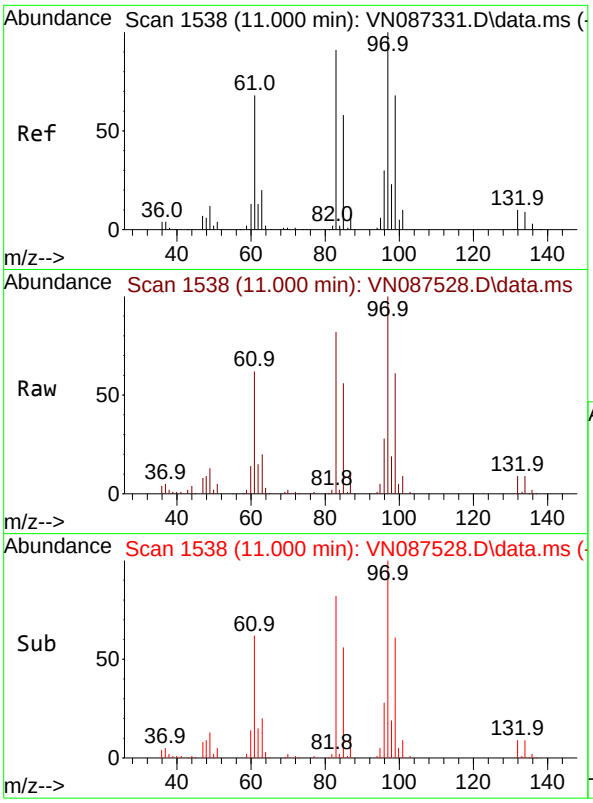


#54
cis-1,3-Dichloropropene
Concen: 20.333 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 75 Resp: 127653

Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.2	36.2
39	64.3	38.4	57.6#

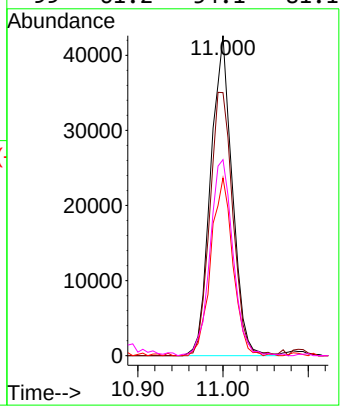




#55
1,1,2-Trichloroethane
Concen: 19.538 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 97 Resp: 7535

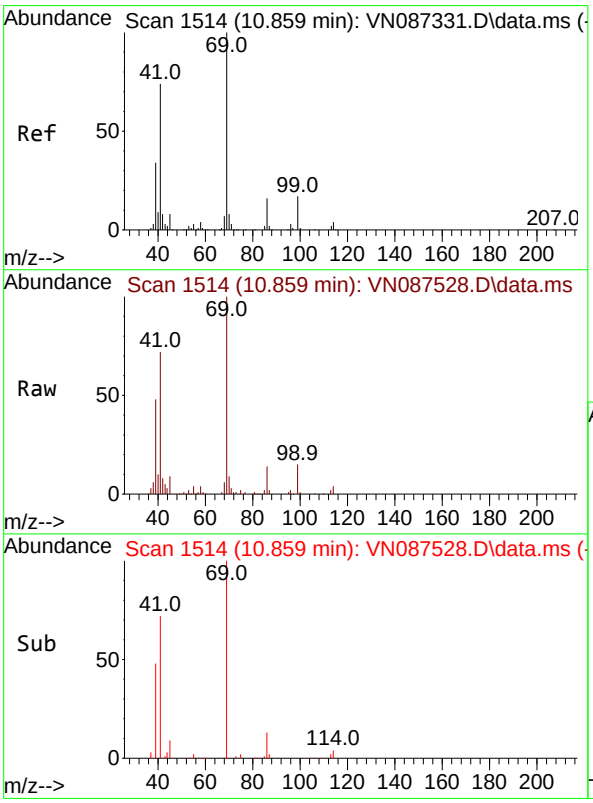
Ion	Ratio	Lower	Upper
97	100		
83	82.2	72.6	109.0
85	55.5	46.7	70.1
99	61.2	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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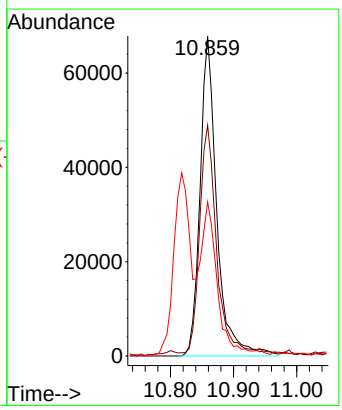
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

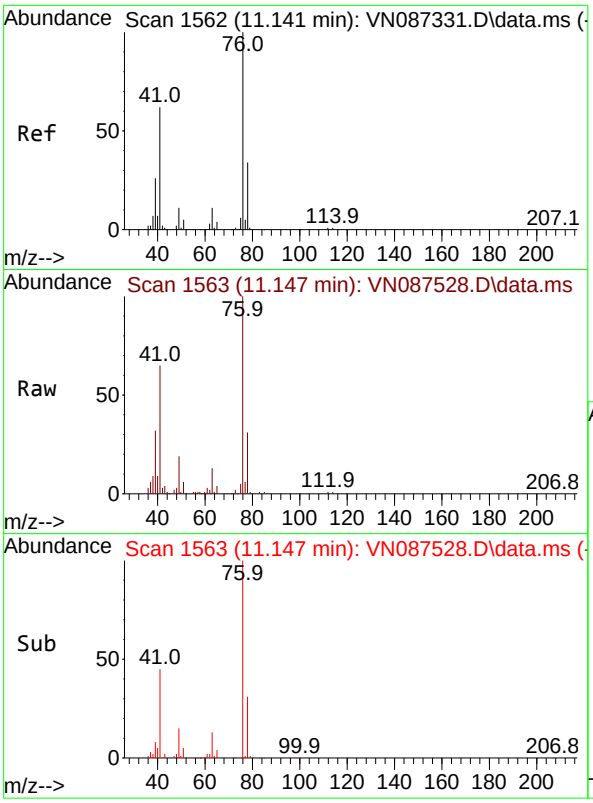


#56
Ethyl methacrylate
Concen: 20.038 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 69 Resp: 124909

Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.1	82.7
39	42.8	27.9	41.9#

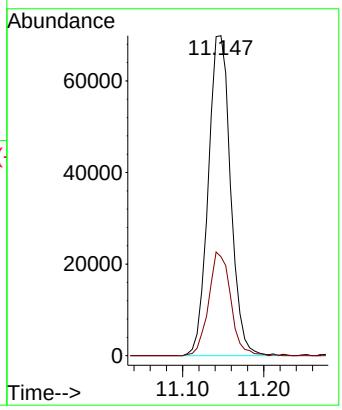




#57
1,3-Dichloropropane
Concen: 20.025 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 76 Resp: 13352

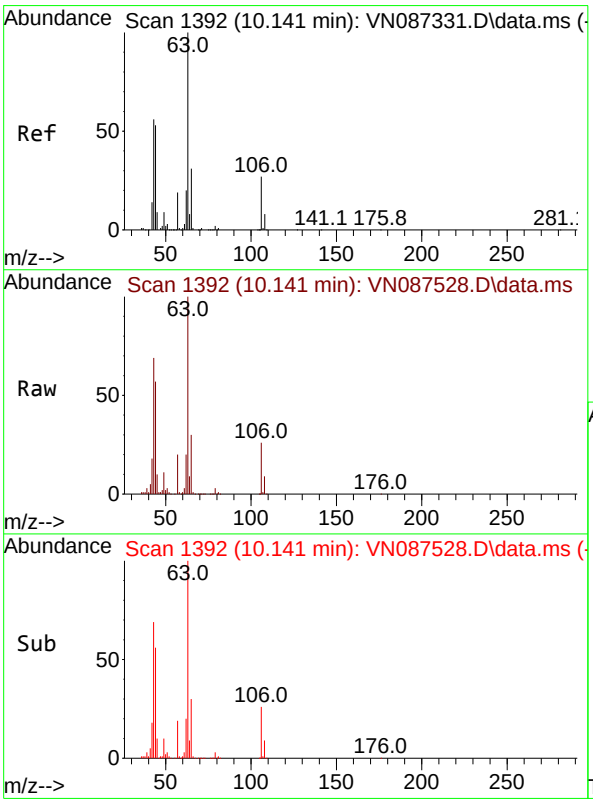
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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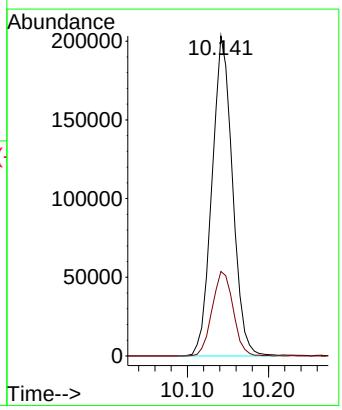
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

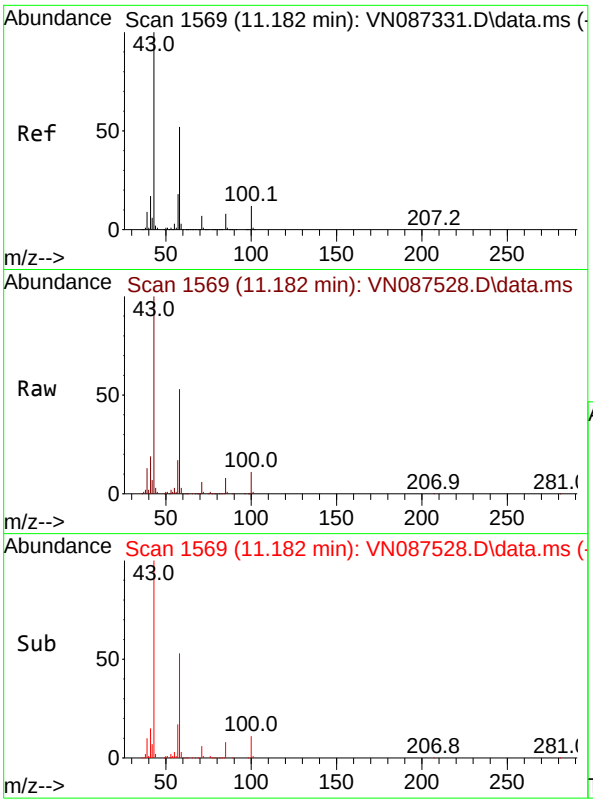


#58
2-Chloroethyl Vinyl ether
Concen: 112.912 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 63 Resp: 357207

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.7	32.5





#59
2-Hexanone
Concen: 98.549 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

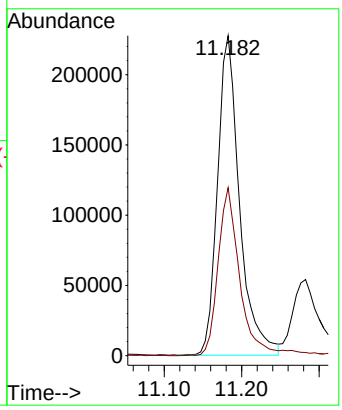
Tgt Ion: 43 Resp: 44956

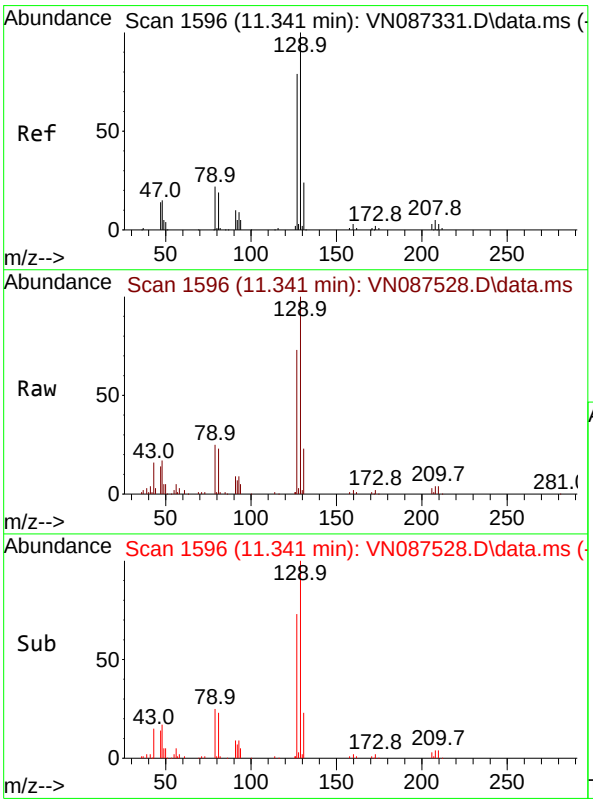
Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.7	80.0

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

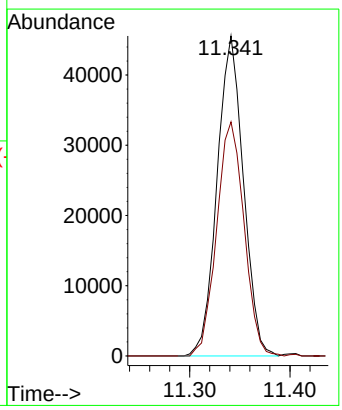


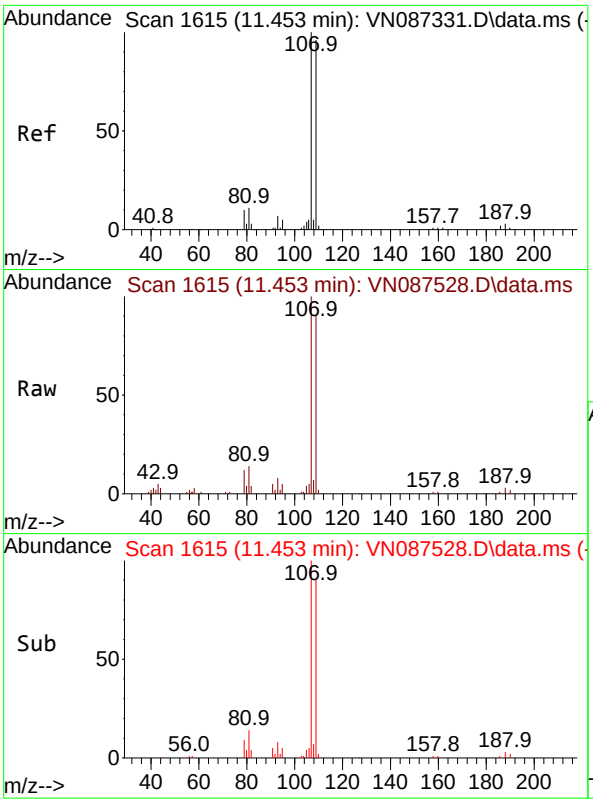


#60
Dibromochloromethane
Concen: 18.904 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:129 Resp: 83142

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.1	117.5





#61
1,2-Dibromoethane
Concen: 18.856 ug/l
RT: 11.453 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

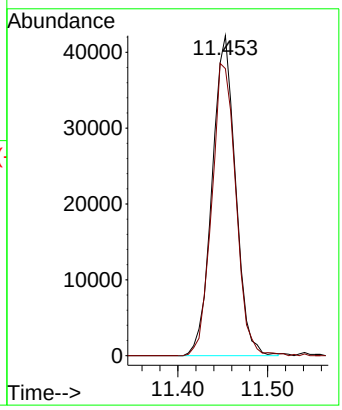
Tgt Ion:107 Resp: 7646

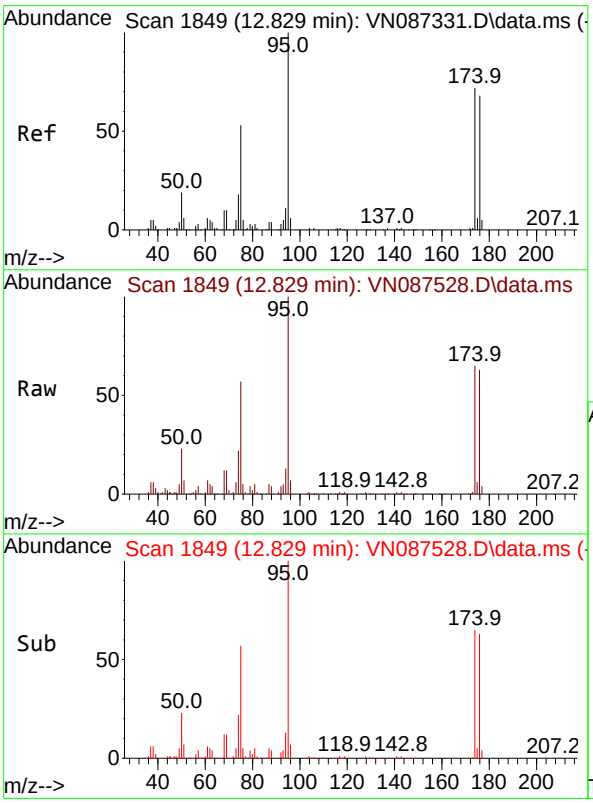
Ion	Ratio	Lower	Upper
107	100		
109	93.9	77.5	116.3

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

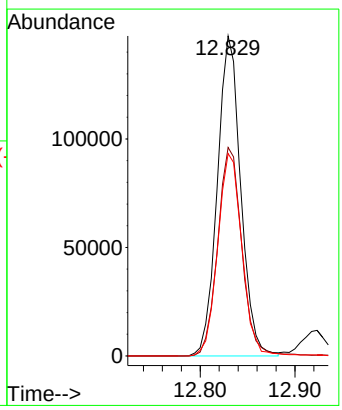


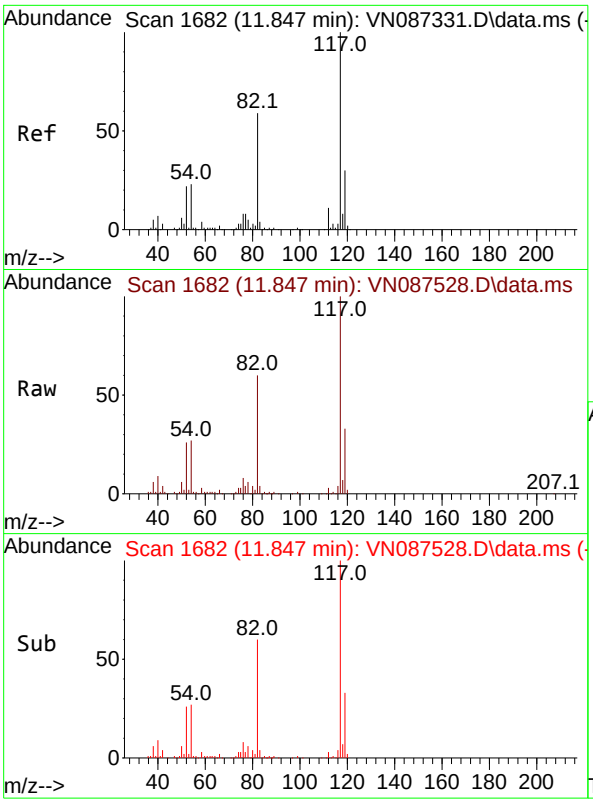


#62
4-Bromofluorobenzene
Concen: 52.413 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 95 Resp: 253521

Ion	Ratio	Lower	Upper
95	100		
174	67.2	0.0	149.4
176	65.6	0.0	141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

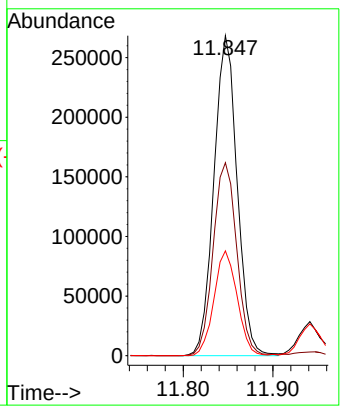
Tgt Ion:117 Resp: 48350

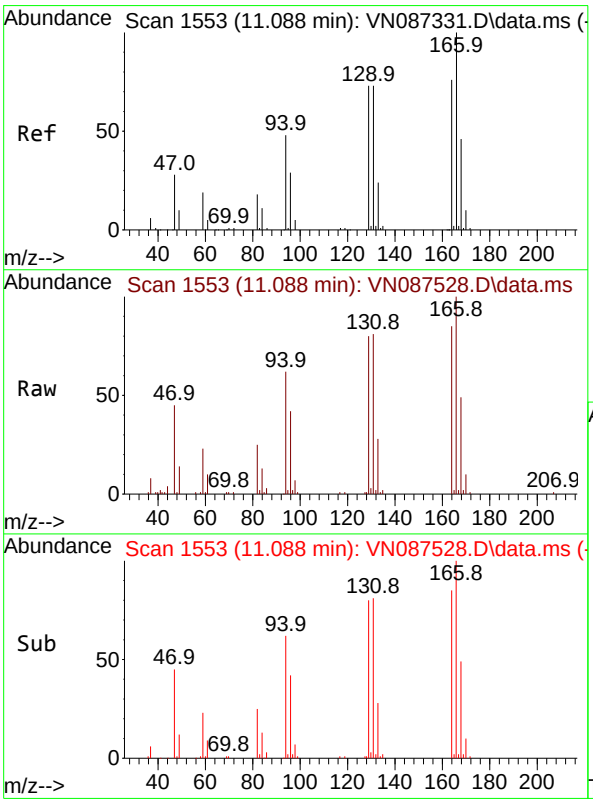
Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	32.7	23.8	35.8

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

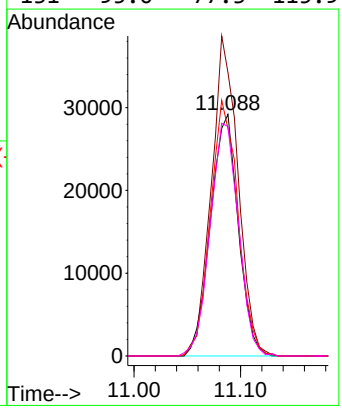


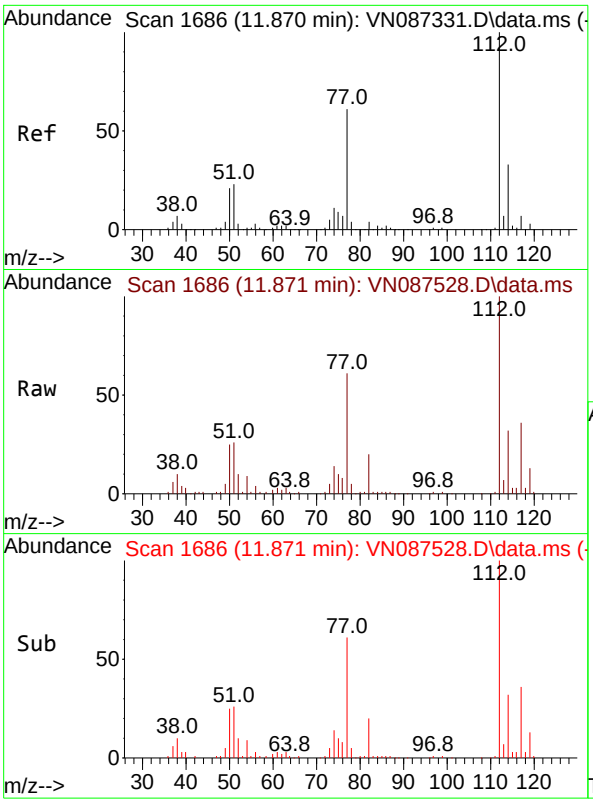


#64
Tetrachloroethene
Concen: 16.970 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:164 Resp: 52809

Ion	Ratio	Lower	Upper
164	100		
166	117.3	105.5	158.3
129	94.1	77.4	116.2
131	95.0	77.3	115.9

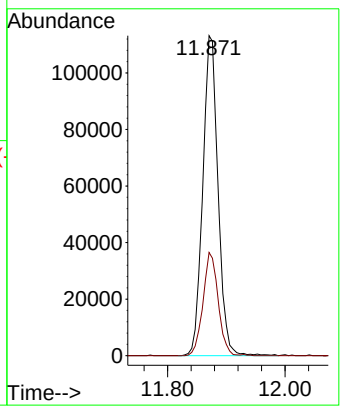




#65
Chlorobenzene
Concen: 18.828 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:112 Resp: 20438

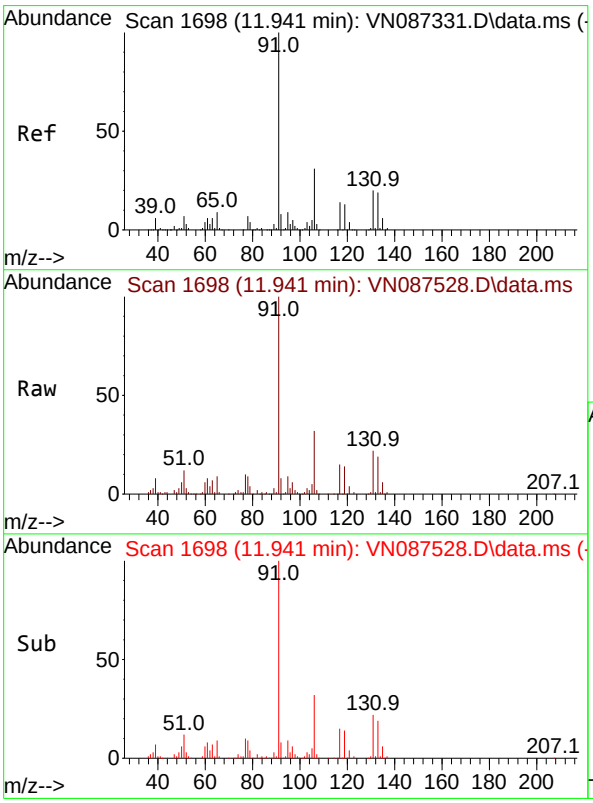
Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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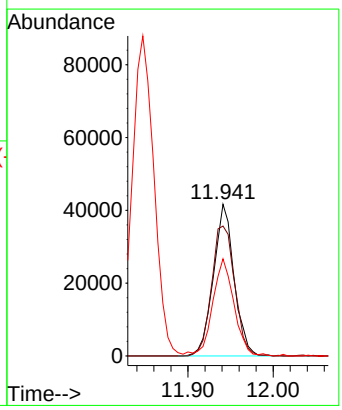
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

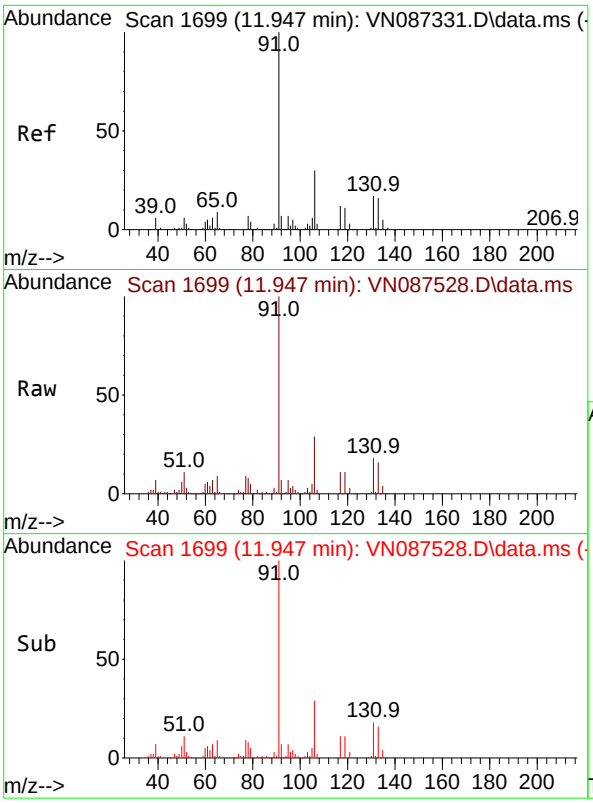


#66
1,1,1,2-Tetrachloroethane
Concen: 19.066 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:131 Resp: 70375

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.3
119	65.9	33.1	99.2





#67
Ethyl Benzene
Concen: 19.633 ug/l
RT: 11.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

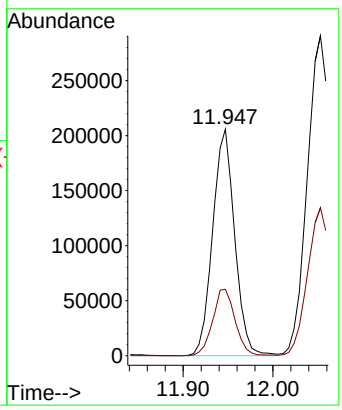
Tgt Ion: 91 Resp: 35083

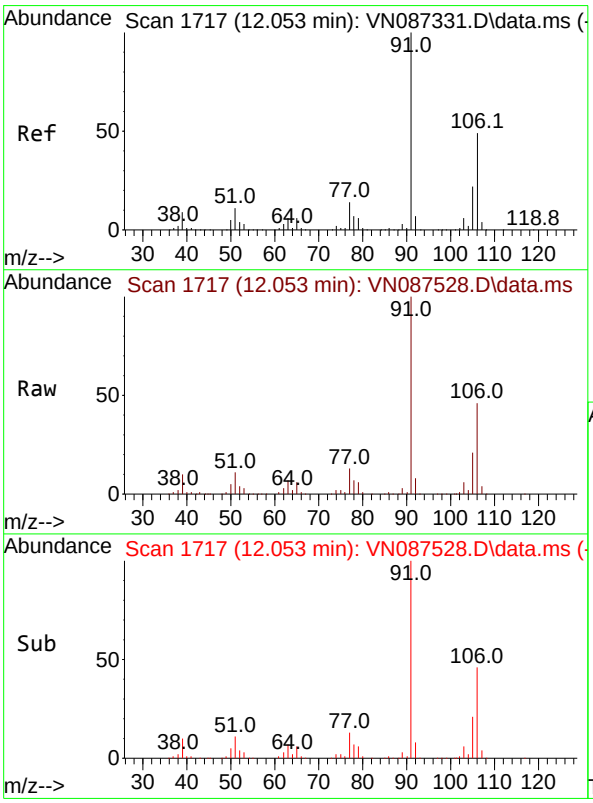
Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

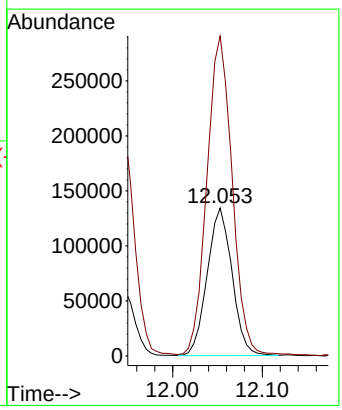


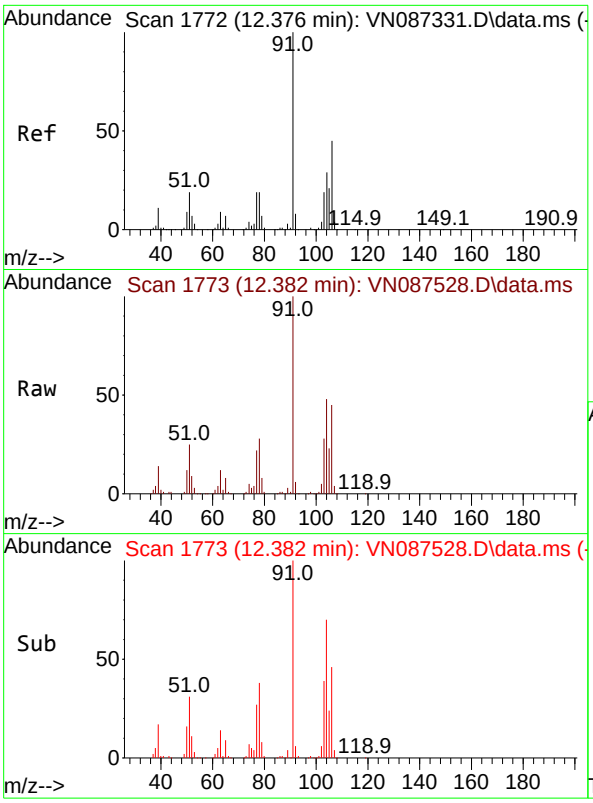


#68
m/p-Xylenes
Concen: 38.492 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:106 Resp: 257573

Ion	Ratio	Lower	Upper
106	100		
91	222.1	162.0	243.0





#69
o-Xylene
Concen: 19.828 ug/l
RT: 12.382 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

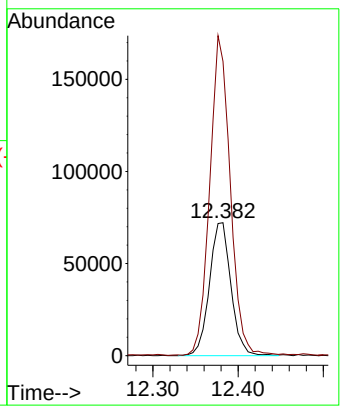
Tgt Ion:106 Resp: 12674

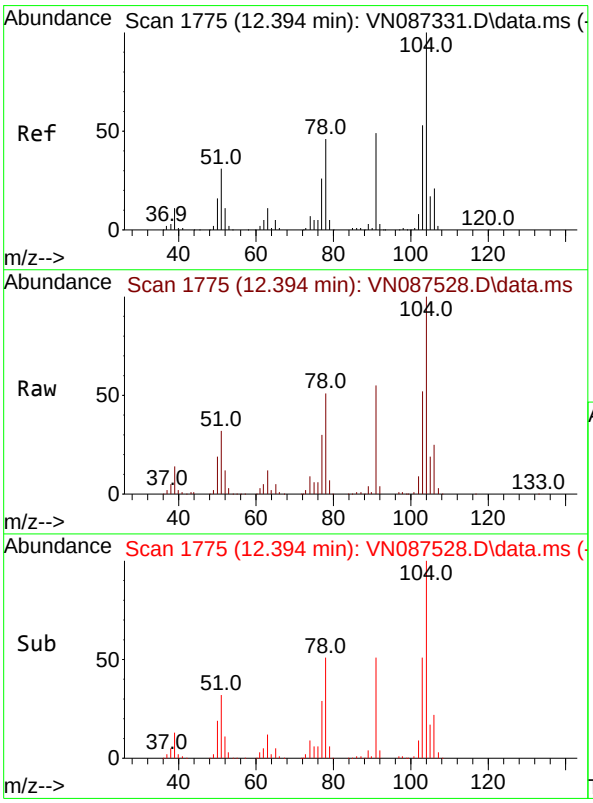
Ion	Ratio	Lower	Upper
106	100		
91	228.8	107.7	323.3

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

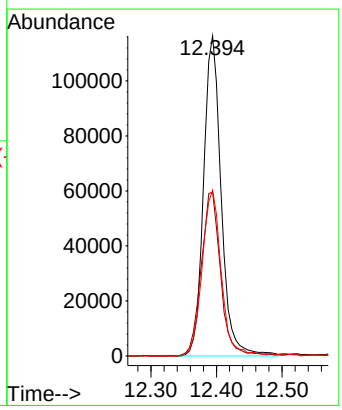


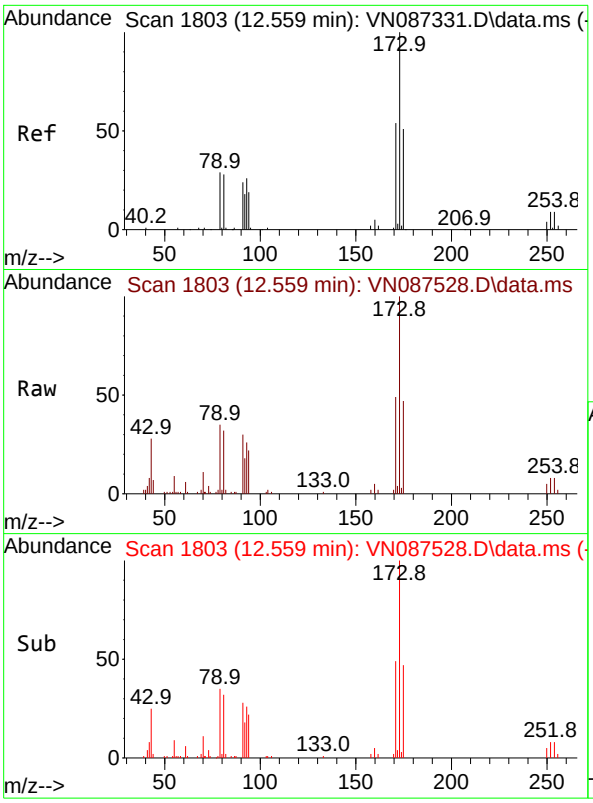


#70
Styrene
Concen: 20.239 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:104 Resp: 217628

Ion	Ratio	Lower	Upper
104	100		
78	56.7	41.0	61.6
103	56.1	43.9	65.9

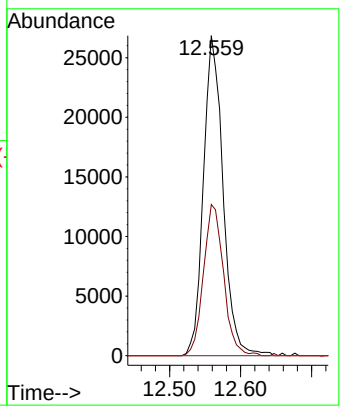




#71
Bromoform
Concen: 17.288 ug/l
RT: 12.559 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:173 Resp: 5155

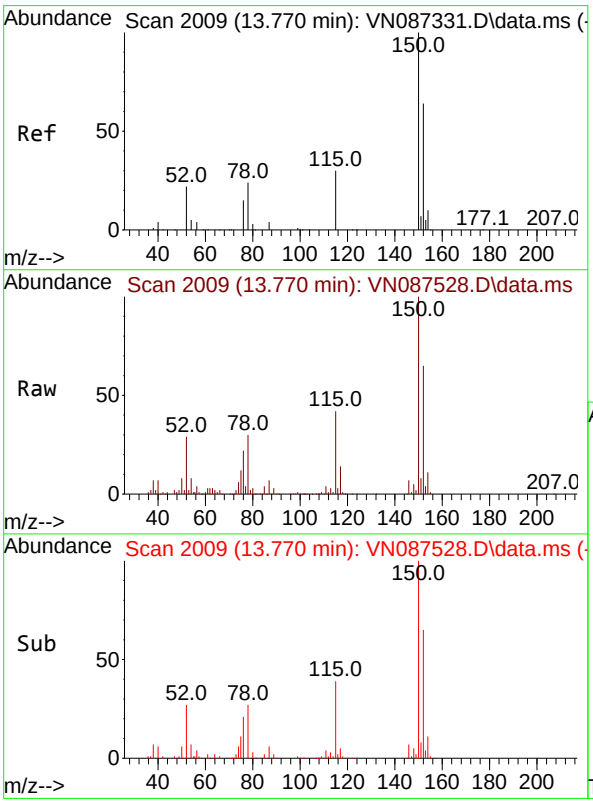
Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

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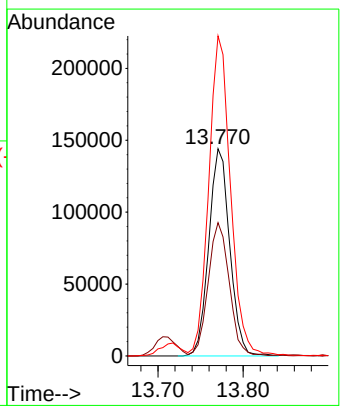
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

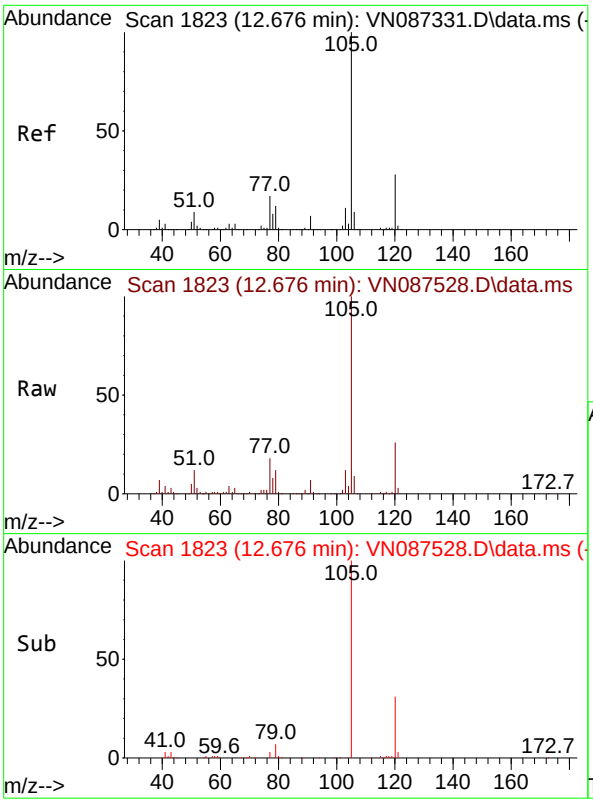


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:152 Resp: 246357

Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.1	93.5
150	160.2	0.0	349.0





#73
Isopropylbenzene
Concen: 21.254 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

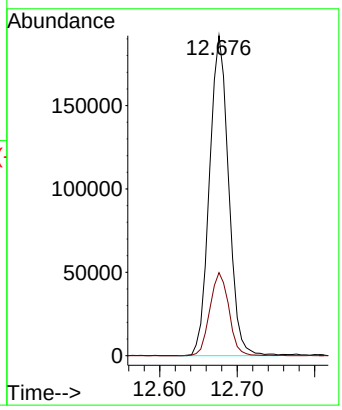
Tgt Ion:105 Resp: 32955

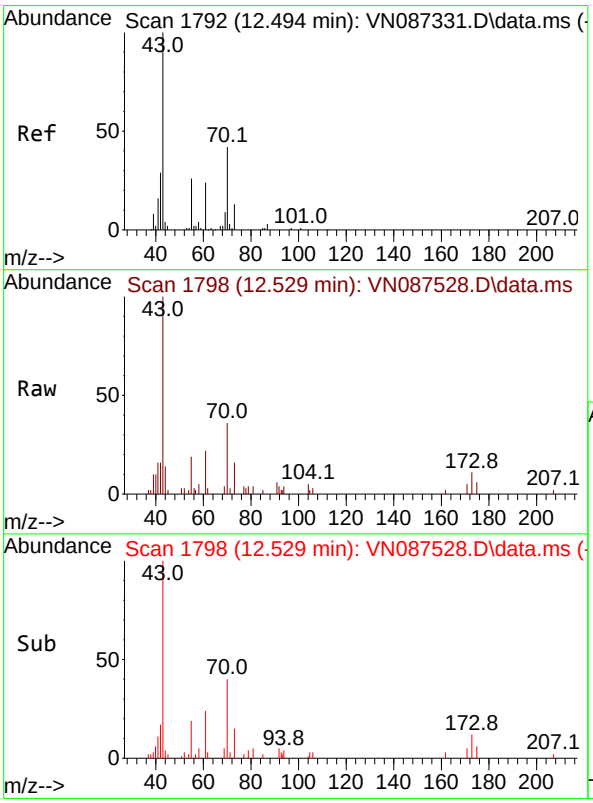
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

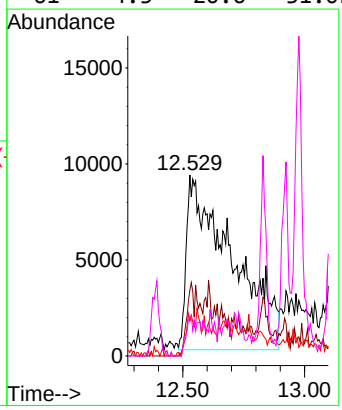


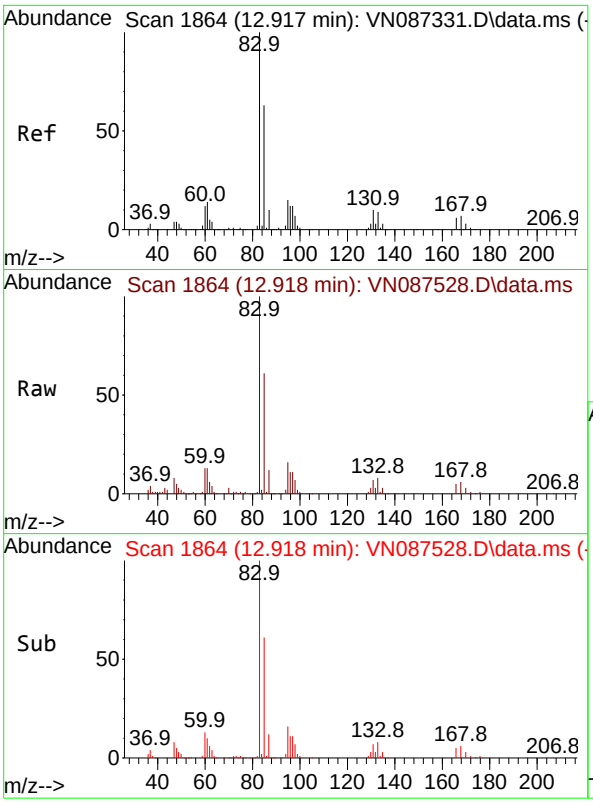


#74
N-amyl acetate
Concen: 18.253 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.035 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 117589

Ion	Ratio	Lower	Upper
43	100		
70	6.3	37.6	56.4#
55	4.0	19.6	29.4#
61	4.3	20.6	31.0#

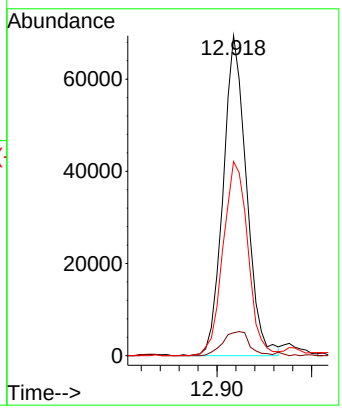




#75
1,1,2,2-Tetrachloroethane
Concen: 20.344 ug/l
RT: 12.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 83 Resp: 11869

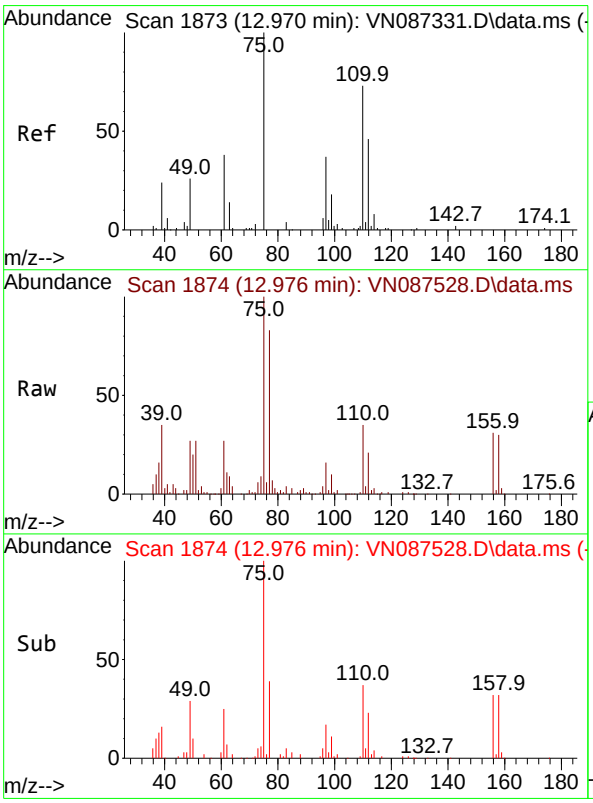
Ion	Ratio	Lower	Upper
83	100		
131	8.6	5.1	15.3
85	64.7	32.5	97.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations APPROVED

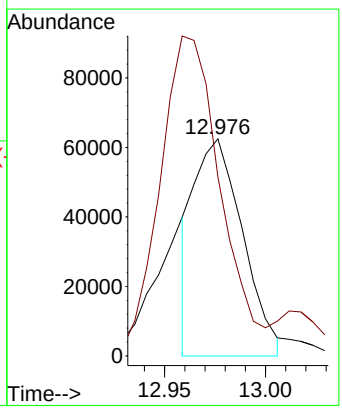
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

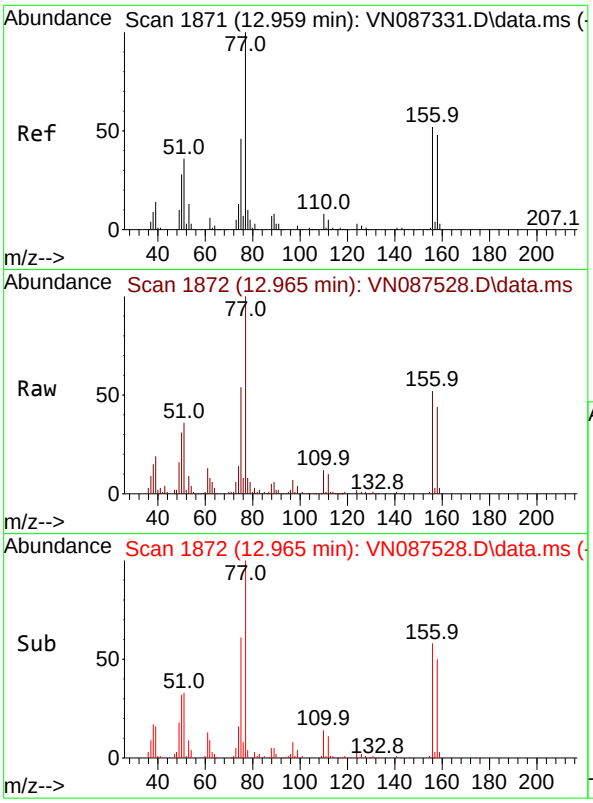


#76
1,2,3-Trichloropropane
Concen: 18.893 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 75 Resp: 104369

Ion	Ratio	Lower	Upper
75	100		
77	184.5	94.5	283.6

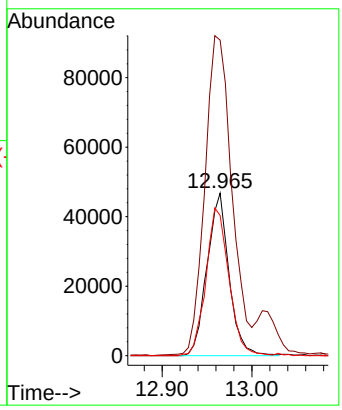




#77
Bromobenzene
Concen: 19.737 ug/l
RT: 12.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:156 Resp: 7936

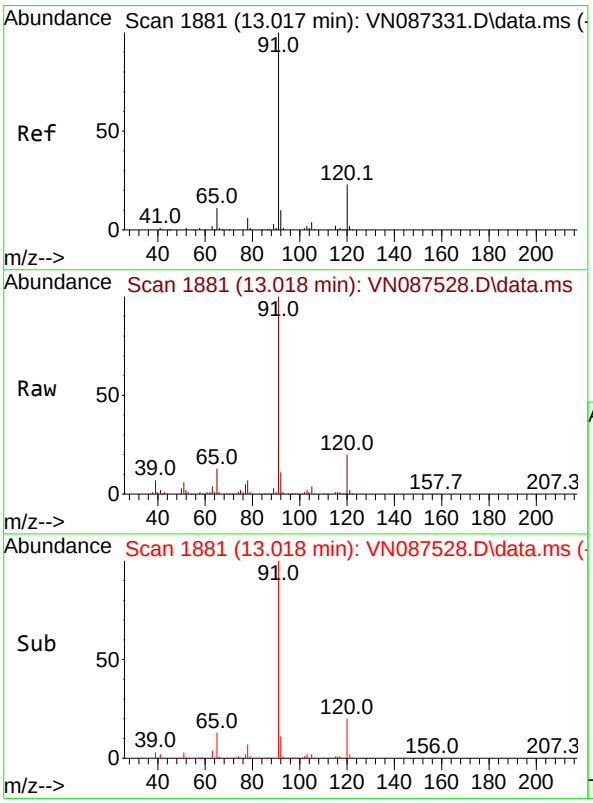
Ion	Ratio	Lower	Upper
156	100		
77	242.6	114.9	344.6
158	95.2	48.5	145.5



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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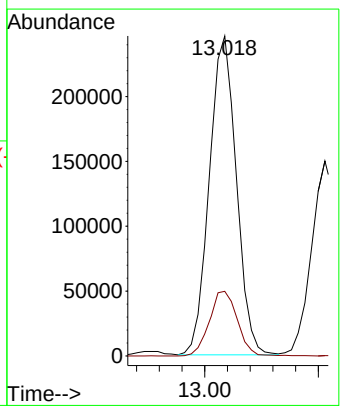
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

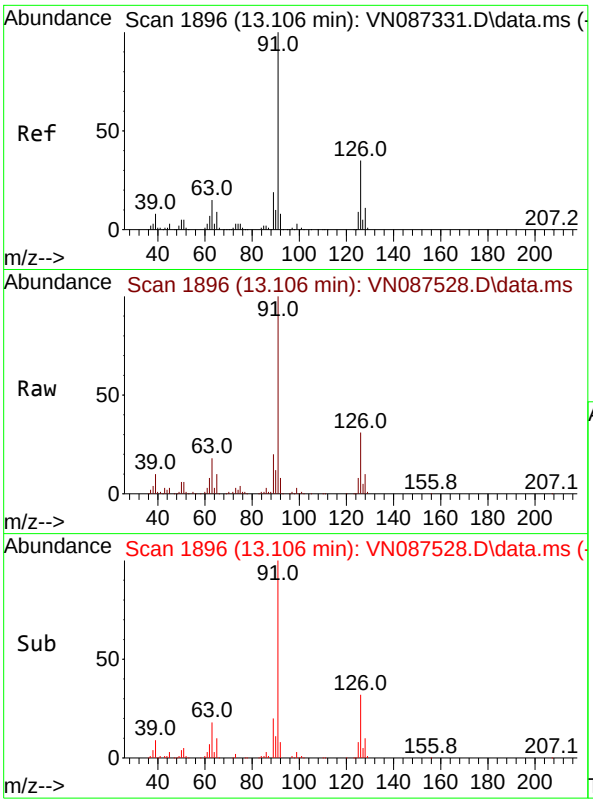


#78
n-propylbenzene
Concen: 20.830 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 91 Resp: 406345

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.3	33.8

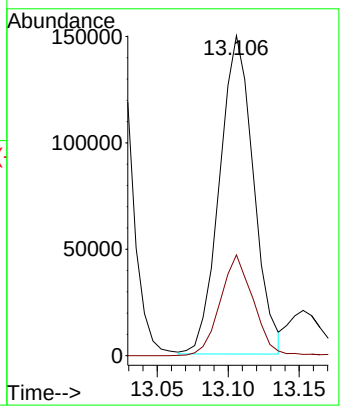




#79
2-Chlorotoluene
Concen: 20.804 ug/l
RT: 13.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 91 Resp: 24943

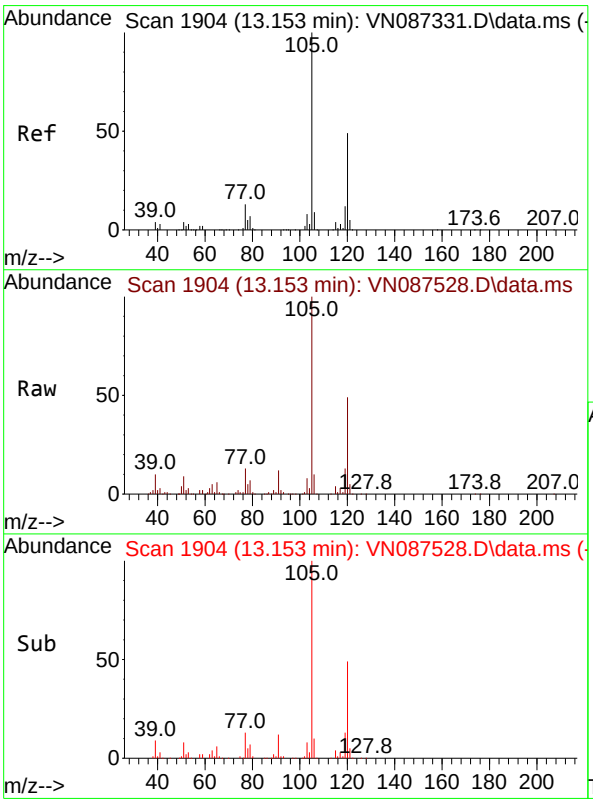
Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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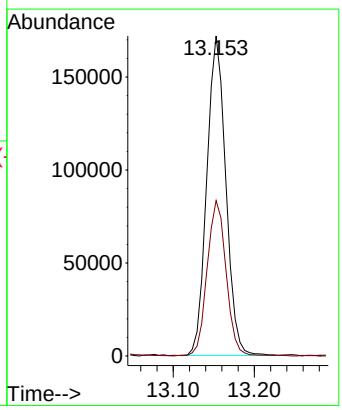
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

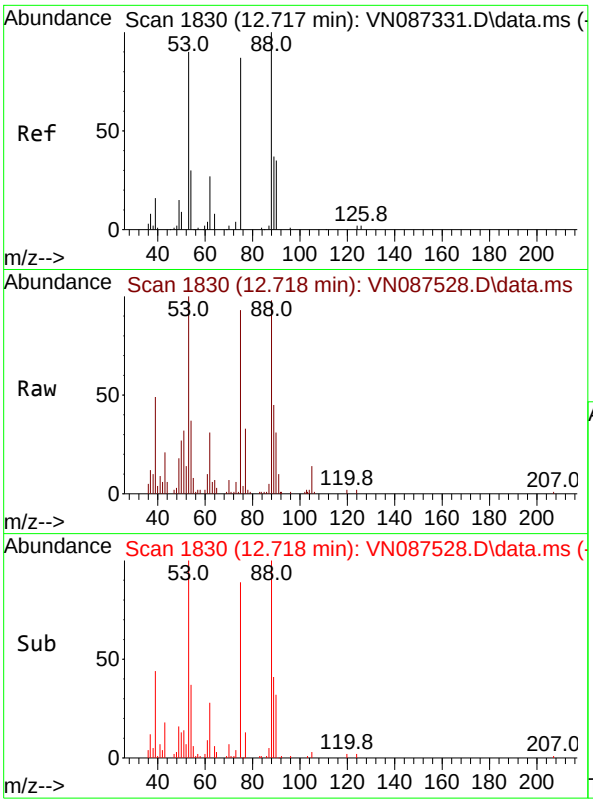


#80
1,3,5-Trimethylbenzene
Concen: 21.137 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:105 Resp: 279232

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.8

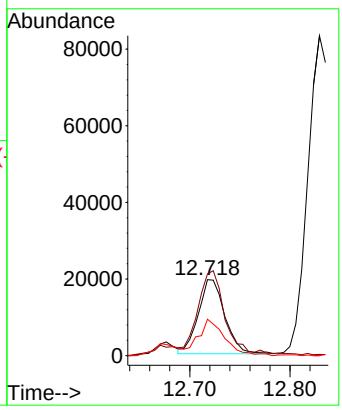




#81
trans-1,4-Dichloro-2-butene
Concen: 17.665 ug/l
RT: 12.718 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 75 Resp: 3566

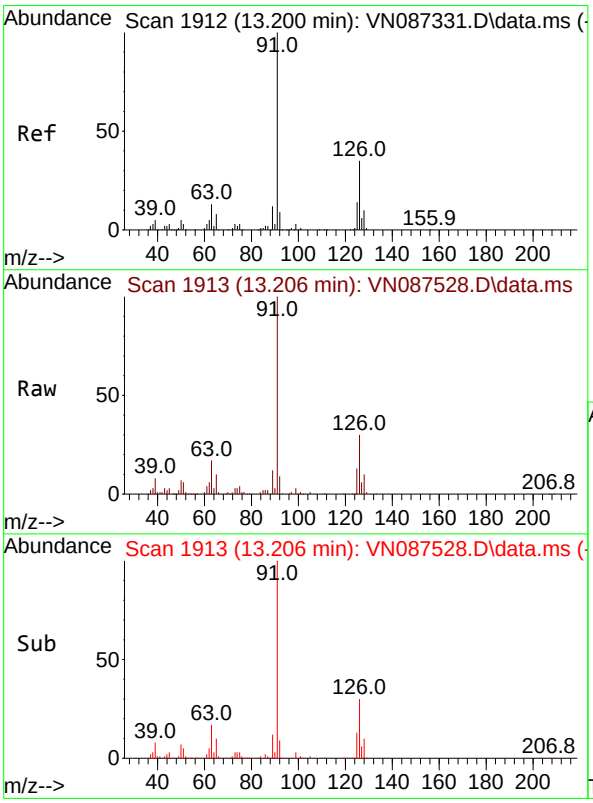
Ion	Ratio	Lower	Upper
75	100		
53	118.1	83.5	125.3
89	48.6	38.4	57.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
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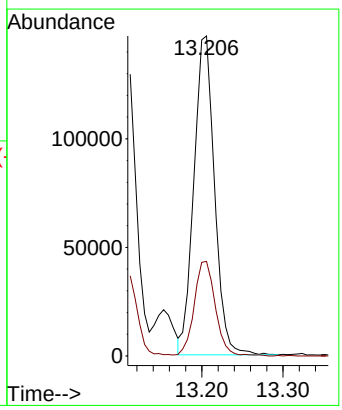
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

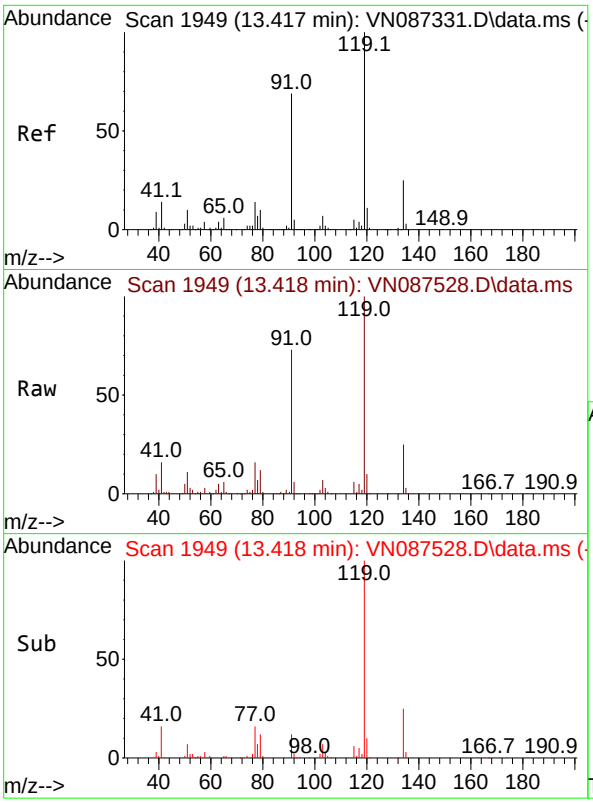


#82
4-Chlorotoluene
Concen: 20.795 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 91 Resp: 259571

Ion	Ratio	Lower	Upper
91	100		
126	30.6	16.6	49.7

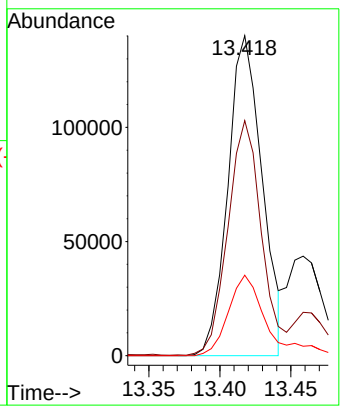




#83
tert-Butylbenzene
Concen: 21.326 ug/l
RT: 13.418 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:119 Resp: 23530

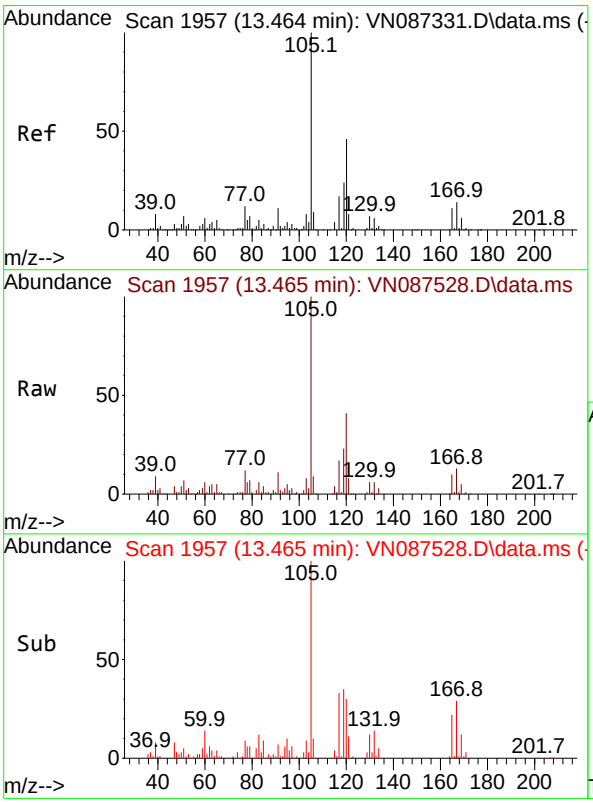
Ion	Ratio	Lower	Upper
119	100		
91	71.9	35.0	105.1
134	27.9	12.6	37.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

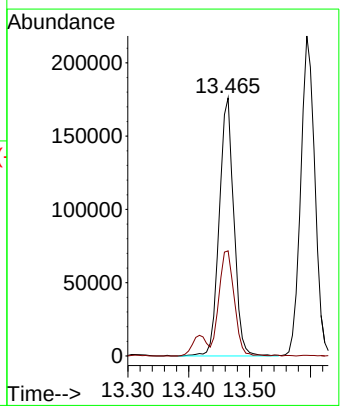
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

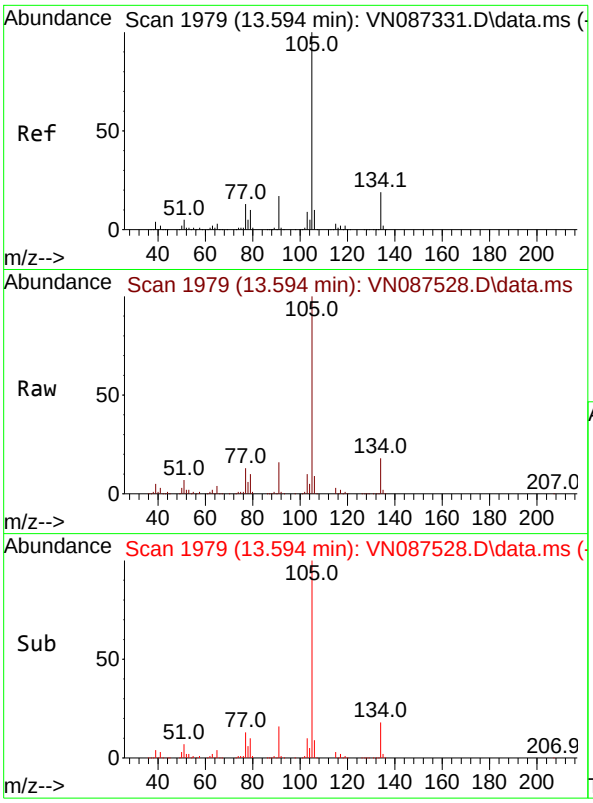


#84
1,2,4-Trimethylbenzene
Concen: 21.755 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:105 Resp: 293504

Ion	Ratio	Lower	Upper
105	100		
120	42.3	22.8	68.3

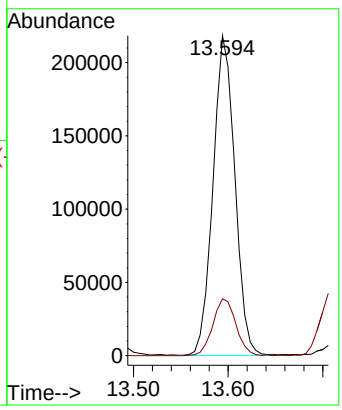




#85
sec-Butylbenzene
Concen: 21.102 ug/l
RT: 13.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:105 Resp: 35070

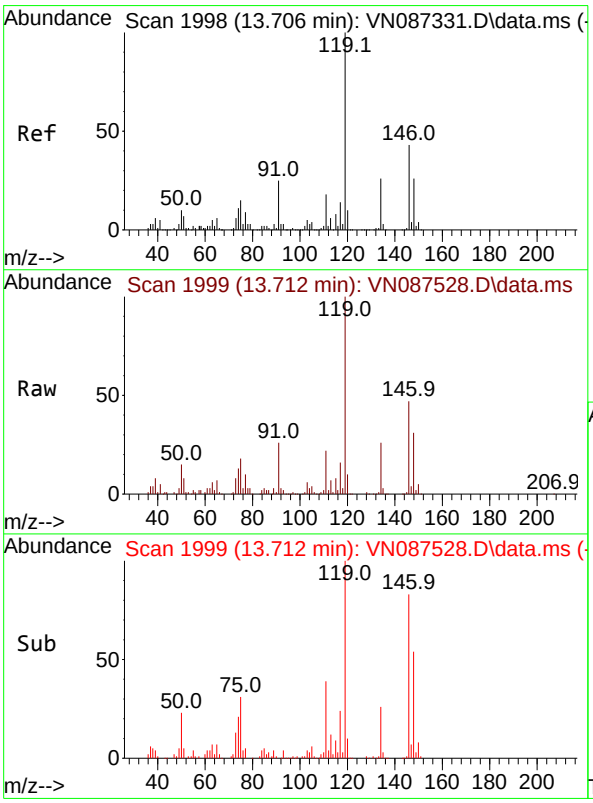
Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

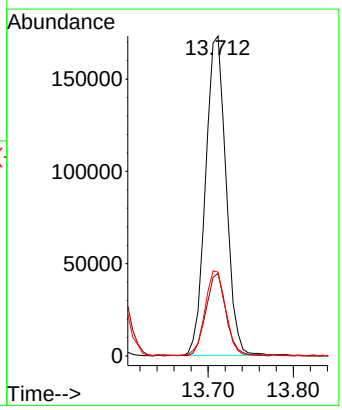
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

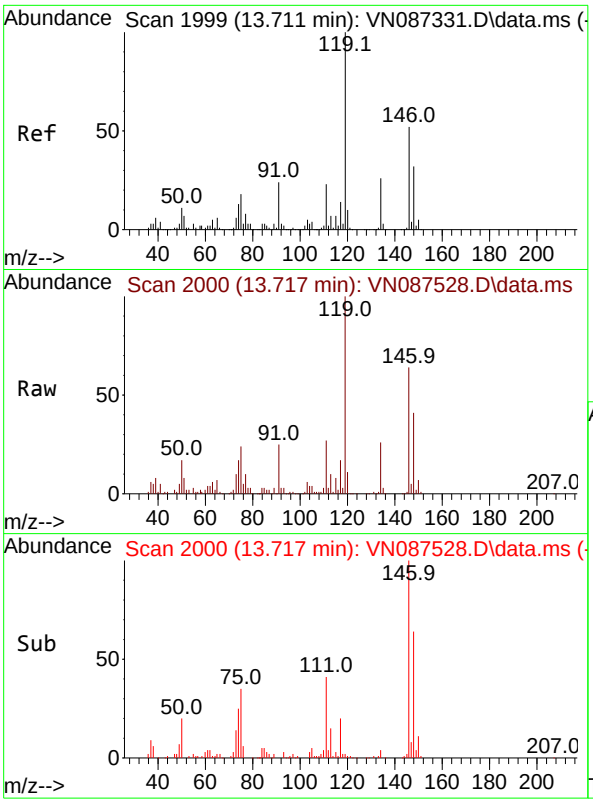


#86
p-Isopropyltoluene
Concen: 21.699 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:119 Resp: 289012

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.5	40.5
91	26.2	12.2	36.6

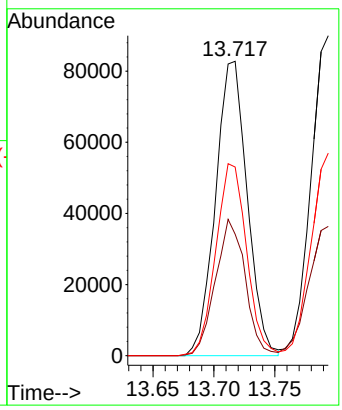




#87
1,3-Dichlorobenzene
Concen: 19.015 ug/l
RT: 13.717 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:146 Resp: 15006

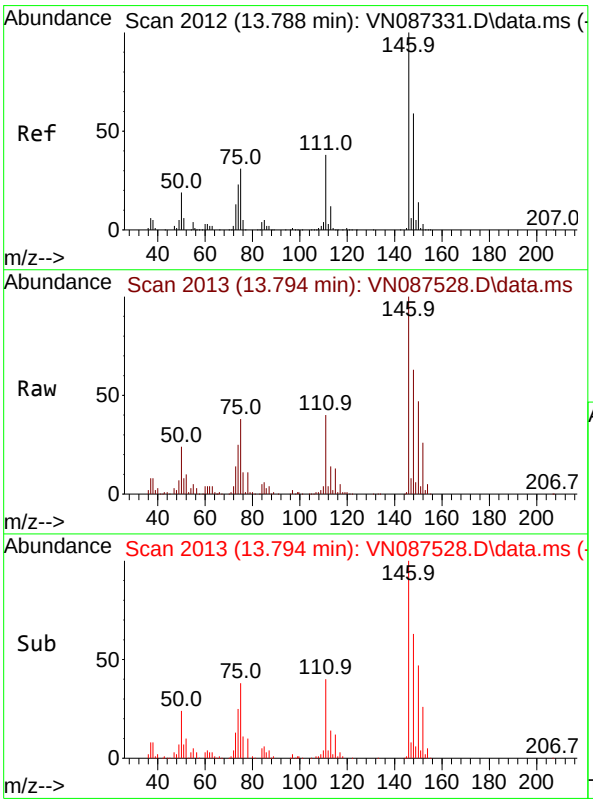
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	63.5	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

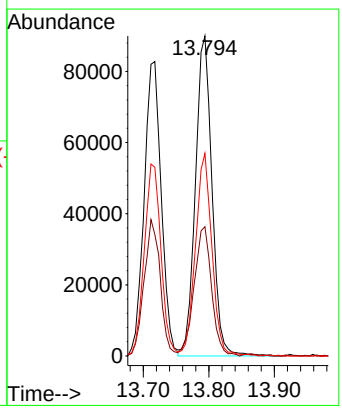
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

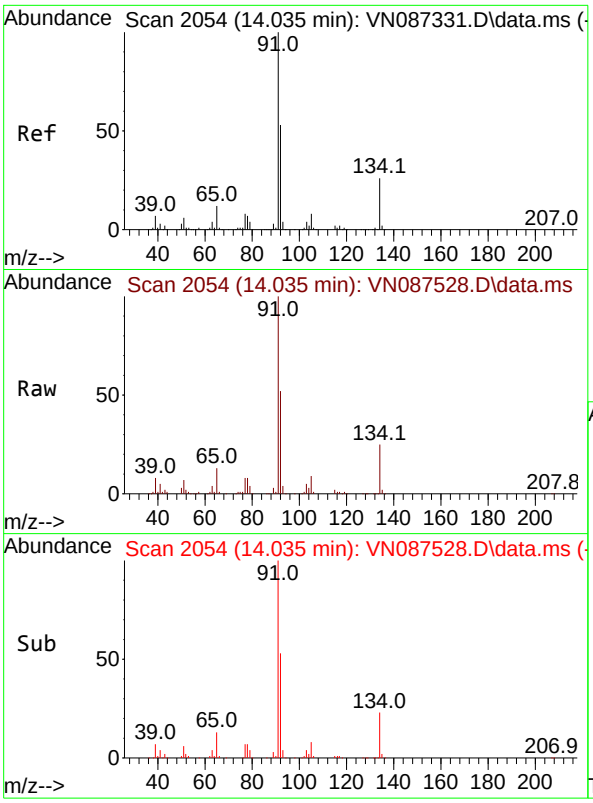


#88
1,4-Dichlorobenzene
Concen: 18.806 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:146 Resp: 158514

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.6	58.7
148	62.9	31.4	94.0

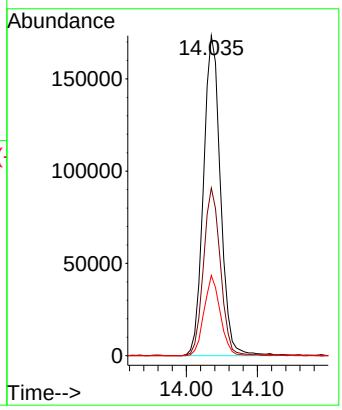




#89
n-Butylbenzene
Concen: 22.773 ug/l
RT: 14.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 91 Resp: 28962

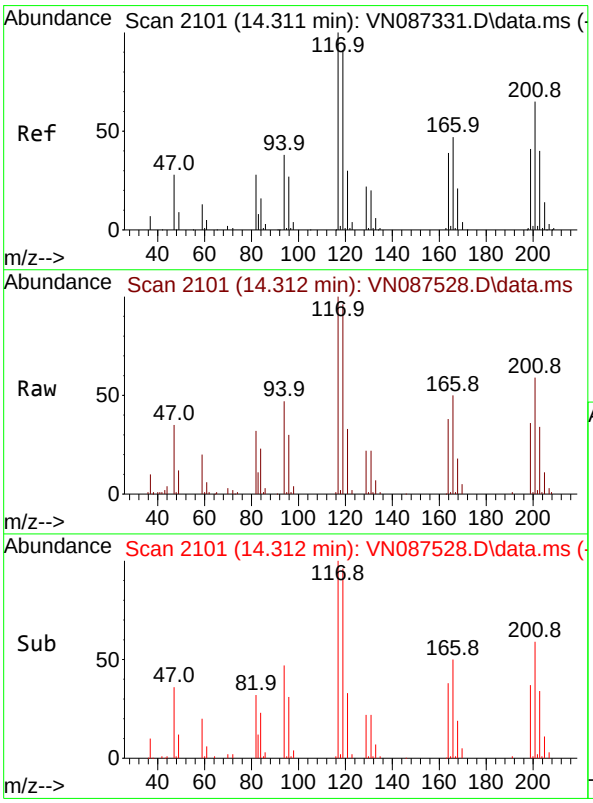
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.2	78.6
134	23.9	12.4	37.2



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

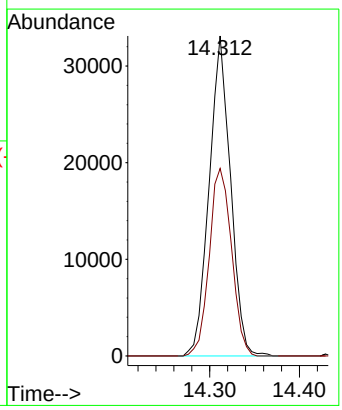
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

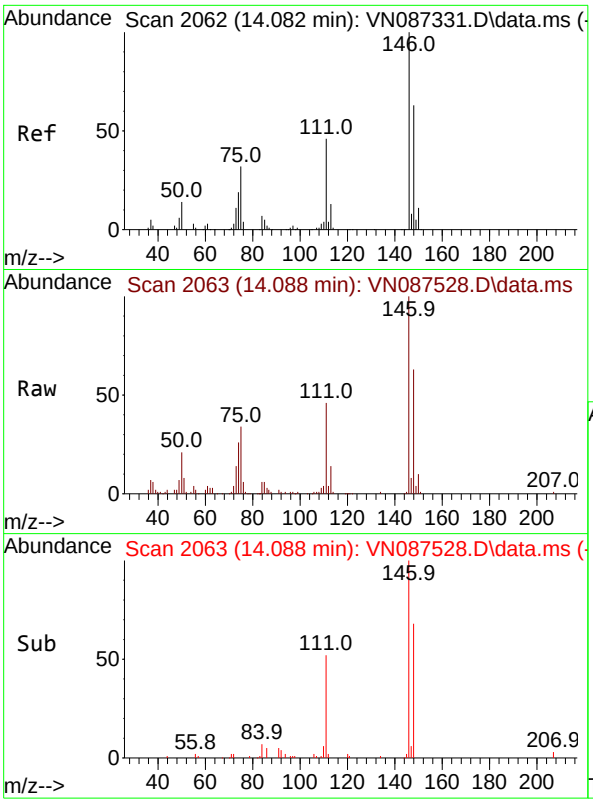


#90
Hexachloroethane
Concen: 19.377 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:117 Resp: 54681

Ion	Ratio	Lower	Upper
117	100		
201	61.2	32.8	98.4

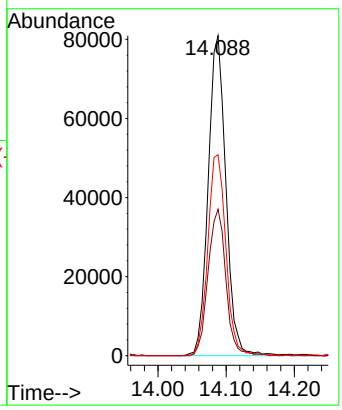




#91
1,2-Dichlorobenzene
Concen: 19.585 ug/l
RT: 14.088 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:146 Resp: 14643

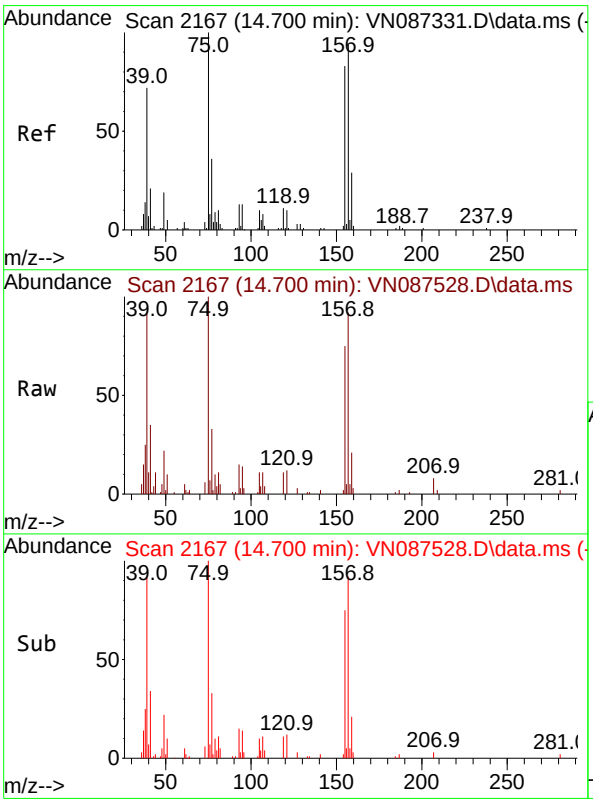
Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.0	66.0
148	64.1	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

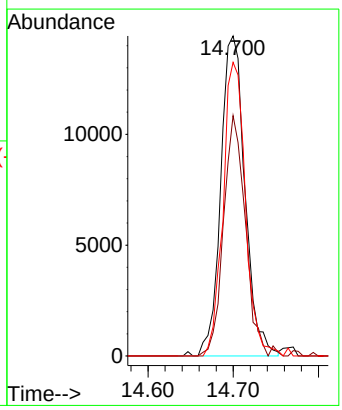
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

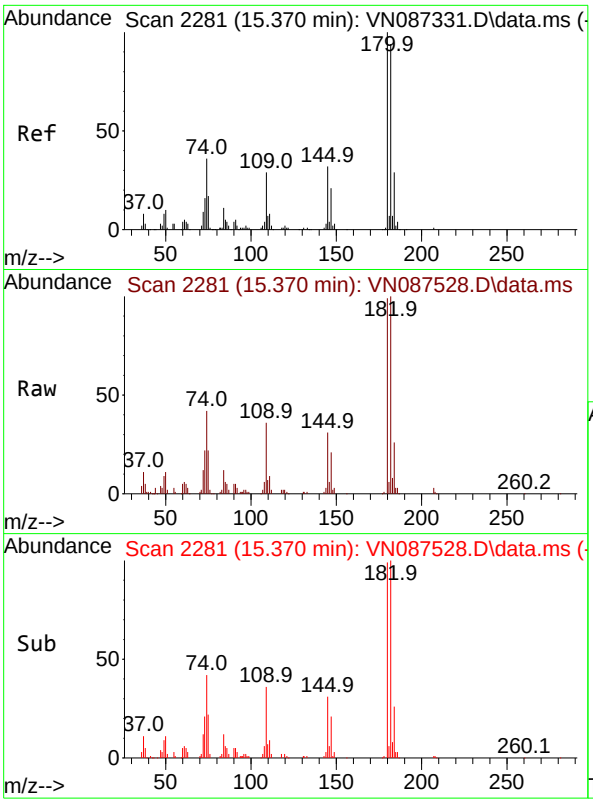


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.580 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 75 Resp: 28461

Ion	Ratio	Lower	Upper
75	100		
155	67.3	37.3	111.8
157	84.7	46.2	138.6

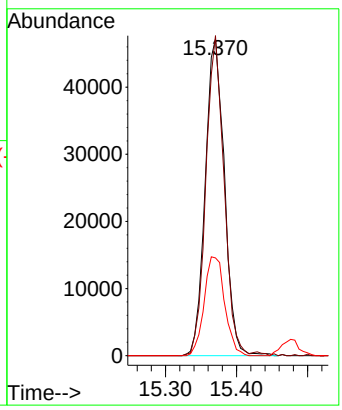




#93
1,2,4-Trichlorobenzene
Concen: 20.154 ug/l
RT: 15.370 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:180 Resp: 8851

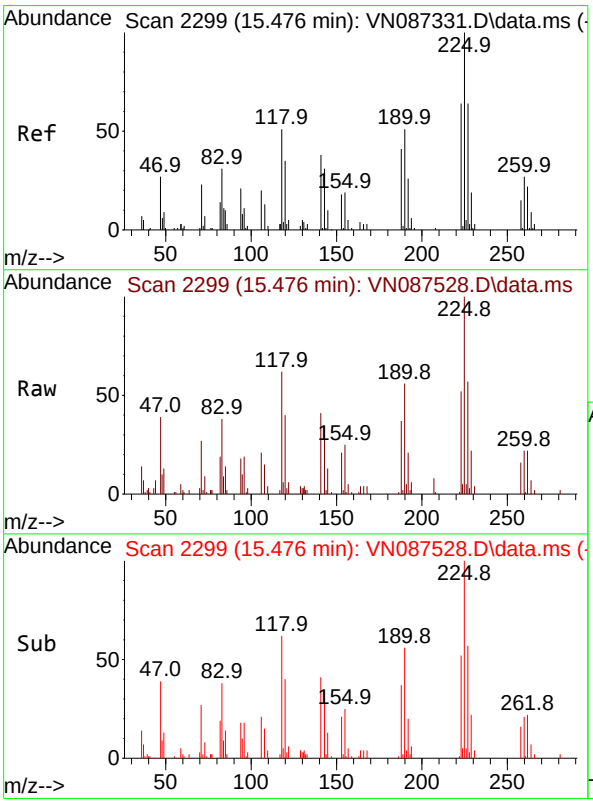
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	33.5	15.4	46.4



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

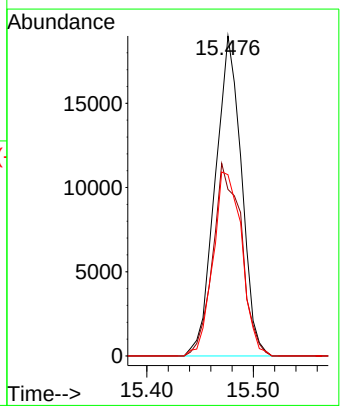
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

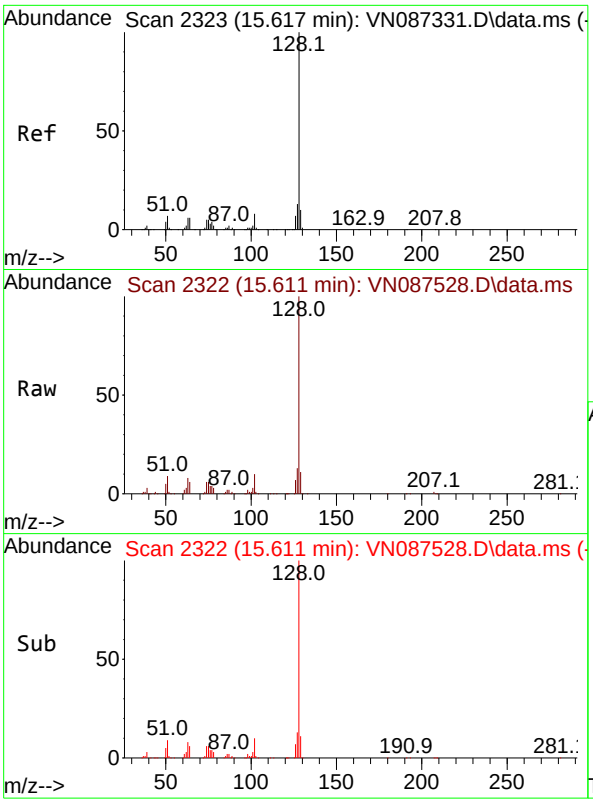


#94
Hexachlorobutadiene
Concen: 19.923 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:225 Resp: 32512

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.1	96.3
227	63.0	31.3	93.9

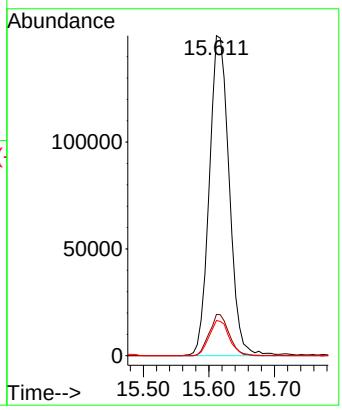




#95
Naphthalene
Concen: 20.256 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:128 Resp: 31515

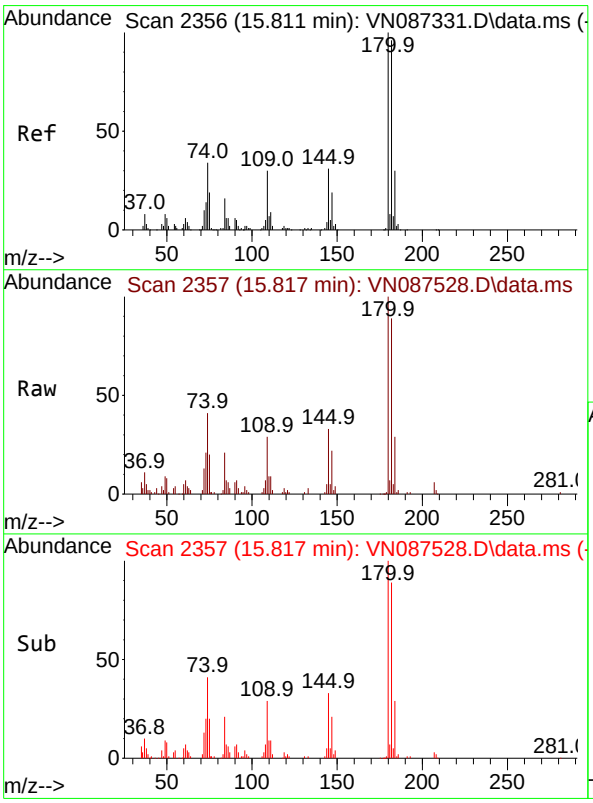
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.4	12.6



Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Manual Integrations
APPROVED

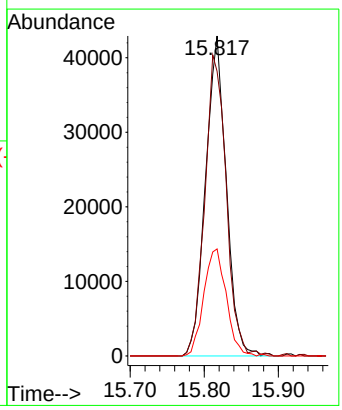
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.946 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:180 Resp: 83466

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.1	141.4
145	36.2	16.9	50.6



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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MS	SDG No.:	Q2816
Lab Sample ID:	Q2816-03MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087521.D	1	08/12/25 17:41	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	54.0		0.22	1.00	ug/L
74-87-3	Chloromethane	45.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	52.8		0.26	1.00	ug/L
74-83-9	Bromomethane	46.1		1.40	5.00	ug/L
75-00-3	Chloroethane	51.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	48.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	47.3		0.23	1.00	ug/L
67-64-1	Acetone	250		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	44.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	50.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	49.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	47.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	49.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	48.0		1.50	5.00	ug/L
78-93-3	2-Butanone	250		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	44.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	81.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	55.6		0.22	1.00	ug/L
67-66-3	Chloroform	51.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	50.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	47.0		0.16	1.00	ug/L
71-43-2	Benzene	45.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	47.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	72.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	46.2		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	47.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	240		0.68	5.00	ug/L
108-88-3	Toluene	46.8		0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MS	SDG No.:	Q2816
Lab Sample ID:	Q2816-03MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087521.D	1	08/12/25 17:41	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	48.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	47.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	45.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	240		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	46.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	47.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	99.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	44.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	47.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	95.5		0.24	2.00	ug/L
95-47-6	o-Xylene	49.9		0.12	1.00	ug/L
100-42-5	Styrene	51.6		0.15	1.00	ug/L
75-25-2	Bromoform	44.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	50.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	44.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	44.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	44.3		75 - 124	89%	SPK: 50
2037-26-5	Toluene-d8	43.5		86 - 113	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	258000	8.212			
540-36-3	1,4-Difluorobenzene	516000	9.088			
3114-55-4	Chlorobenzene-d5	470000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	243000	13.77			

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MS	SDG No.:	Q2816
Lab Sample ID:	Q2816-03MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087521.D	1	08/12/25 17:41	VN081225

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\VN081225\
Data File : VN087521.D
Acq On : 12 Aug 2025 17:41
Operator : JC\MD
Sample : Q2816-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 03:08:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	257892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	515665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	470061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	243472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	219872	50.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	8.153	113	157411	44.253	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.500%			
50) Toluene-d8	10.547	98	552415	43.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 87.080%			
62) 4-Bromofluorobenzene	12.829	95	219296	46.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	147929	54.006	ug/l	90
3) Chloromethane	2.383	50	157306	45.668	ug/l	99
4) Vinyl Chloride	2.542	62	180619	52.764	ug/l	100
5) Bromomethane	2.971	94	81746	46.115	ug/l	96
6) Chloroethane	3.136	64	115666	51.812	ug/l	97
7) Trichlorofluoromethane	3.512	101	241152	47.642	ug/l	97
8) Diethyl Ether	3.965	74	106049	54.010	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	126766	48.786	ug/l	96
10) Methyl Iodide	4.577	142	69414	28.674	ug/l	91
11) Tert butyl alcohol	5.524	59	214158	257.747	ug/l	98
12) 1,1-Dichloroethene	4.342	96	139190	47.271	ug/l	97
13) Acrolein	4.177	56	120315	180.435	ug/l	98
14) Allyl chloride	5.012	41	266551	50.021	ug/l	93
15) Acrylonitrile	5.712	53	545712	242.034	ug/l	97
16) Acetone	4.424	43	519643	253.271	ug/l	96
17) Carbon Disulfide	4.700	76	388029	44.449	ug/l #	94
18) Methyl Acetate	5.018	43	261529	50.736	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	598622	55.157	ug/l	97
20) Methylene Chloride	5.265	84	171336	49.392	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	158234	47.660	ug/l	97
22) Diisopropyl ether	6.665	45	611013	54.664	ug/l	95
23) Vinyl Acetate	6.594	43	2668301	272.946	ug/l	100
24) 1,1-Dichloroethane	6.553	63	318357	49.368	ug/l	98
25) 2-Butanone	7.477	43	802359	253.101	ug/l	98
26) 2,2-Dichloropropane	7.477	77	239599	47.789	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	311131	81.397	ug/l	98
28) Bromochloromethane	7.800	49	171725	55.641	ug/l	92
29) Tetrahydrofuran	7.830	42	530913	257.801	ug/l	99
30) Chloroform	7.953	83	335044	51.907	ug/l	98
31) Cyclohexane	8.241	56	258290	48.013	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	279380	49.974	ug/l	98
36) 1,1-Dichloropropene	8.359	75	219152	46.633	ug/l	96
37) Ethyl Acetate	7.553	43	300702	44.304	ug/l	98
38) Carbon Tetrachloride	8.347	117	228827	44.202	ug/l	98
39) Methylcyclohexane	9.582	83	239075	46.989	ug/l	94
40) Benzene	8.588	78	696992	45.888	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087521.D
Acq On : 12 Aug 2025 17:41
Operator : JC\MD
Sample : Q2816-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 03:08:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	175292	49.393	ug/l		96
42) 1,2-Dichloroethane	8.653	62	273737	47.524	ug/l		99
43) Isopropyl Acetate	8.677	43	508214	48.236	ug/l		98
44) Trichloroethene	9.335	130	261025	72.731	ug/l		90
45) 1,2-Dichloropropane	9.606	63	178276	46.194	ug/l		92
46) Dibromomethane	9.694	93	134756	46.636	ug/l		95
47) Bromodichloromethane	9.871	83	277810	47.731	ug/l		99
48) Methyl methacrylate	9.665	41	245961	51.855	ug/l		94
49) 1,4-Dioxane	9.682	88	69517	956.911	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.430	43	1581420	237.315	ug/l		98
52) Toluene	10.612	92	432409	46.838	ug/l		96
53) t-1,3-Dichloropropene	10.818	75	283567	48.140	ug/l		95
54) cis-1,3-Dichloropropene	10.294	75	288552	47.424	ug/l	#	88
55) 1,1,2-Trichloroethane	11.000	97	171109	45.780	ug/l		97
56) Ethyl methacrylate	10.859	69	299086	47.700	ug/l	#	93
57) 1,3-Dichloropropane	11.141	76	306258	47.392	ug/l		100
59) 2-Hexanone	11.177	43	1083026	244.964	ug/l		98
60) Dibromochloromethane	11.341	129	196818	46.174	ug/l		99
61) 1,2-Dibromoethane	11.453	107	185271	47.144	ug/l		97
64) Tetrachloroethene	11.088	164	300174	99.220	ug/l		95
65) Chlorobenzene	11.871	112	466009	44.158	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.941	131	165254	46.051	ug/l		99
67) Ethyl Benzene	11.947	91	831992	47.889	ug/l		100
68) m/p-Xylenes	12.053	106	621545	95.540	ug/l		94
69) o-Xylene	12.376	106	309926	49.873	ug/l		95
70) Styrene	12.394	104	538906	51.551	ug/l		98
71) Bromoform	12.559	173	128872	44.453	ug/l	#	98
73) Isopropylbenzene	12.676	105	771901	50.373	ug/l		98
74) N-amyl acetate	12.512	43	288374m	45.295	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.918	83	274813	47.661	ug/l		97
76) 1,2,3-Trichloropropane	12.971	75	273199m	50.040	ug/l		
77) Bromobenzene	12.959	156	184531	46.433	ug/l		95
78) n-propylbenzene	13.018	91	954687	49.518	ug/l		99
79) 2-Chlorotoluene	13.106	91	589561	49.757	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	668040	51.167	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.718	75	81781	40.985	ug/l		92
82) 4-Chlorotoluene	13.200	91	616286	49.957	ug/l		97
83) tert-Butylbenzene	13.418	119	555680	50.959	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	689515	51.715	ug/l		96
85) sec-Butylbenzene	13.594	105	811282	49.393	ug/l		99
86) p-Isopropyltoluene	13.706	119	679809	51.645	ug/l		97
87) 1,3-Dichlorobenzene	13.712	146	358227	45.929	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	364849	43.798	ug/l		96
89) n-Butylbenzene	14.035	91	658845	52.418	ug/l		99
90) Hexachloroethane	14.312	117	128564	46.098	ug/l		94
91) 1,2-Dichlorobenzene	14.082	146	346446	46.887	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	66573	43.976	ug/l		95
93) 1,2,4-Trichlorobenzene	15.364	180	201492	46.423	ug/l		98
94) Hexachlorobutadiene	15.476	225	70670	43.819	ug/l		97
95) Naphthalene	15.612	128	761537	49.527	ug/l		99
96) 1,2,3-Trichlorobenzene	15.817	180	194607	44.698	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087521.D
Acq On : 12 Aug 2025 17:41
Operator : JC\MD
Sample : Q2816-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 13 03:08:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

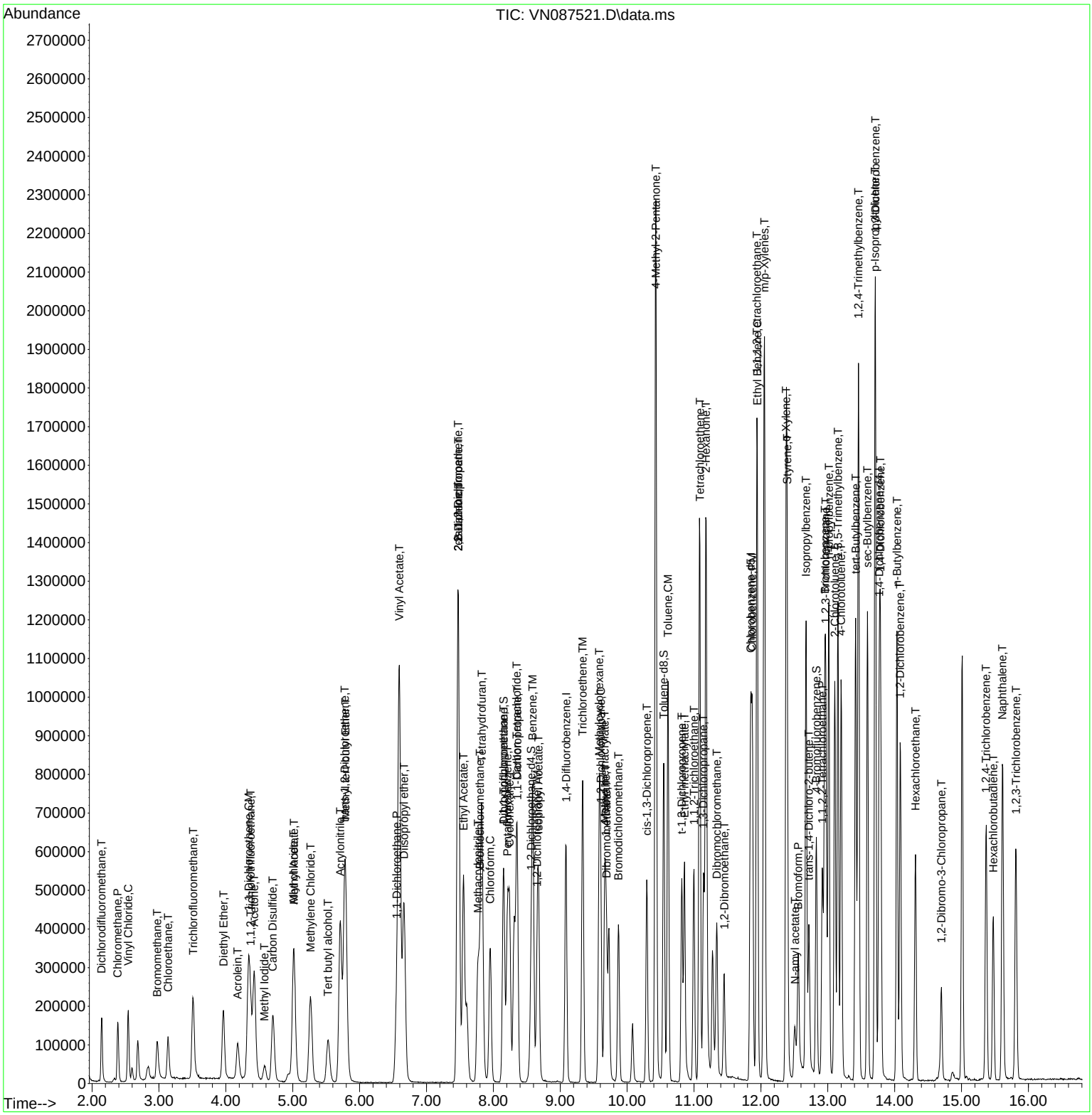
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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

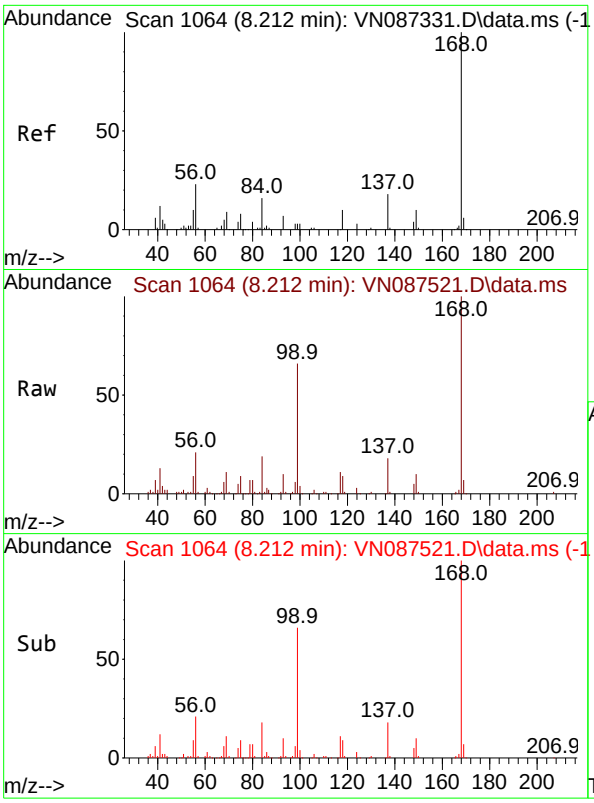
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
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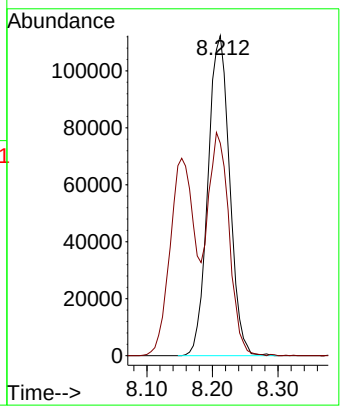




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:168 Resp: 25789

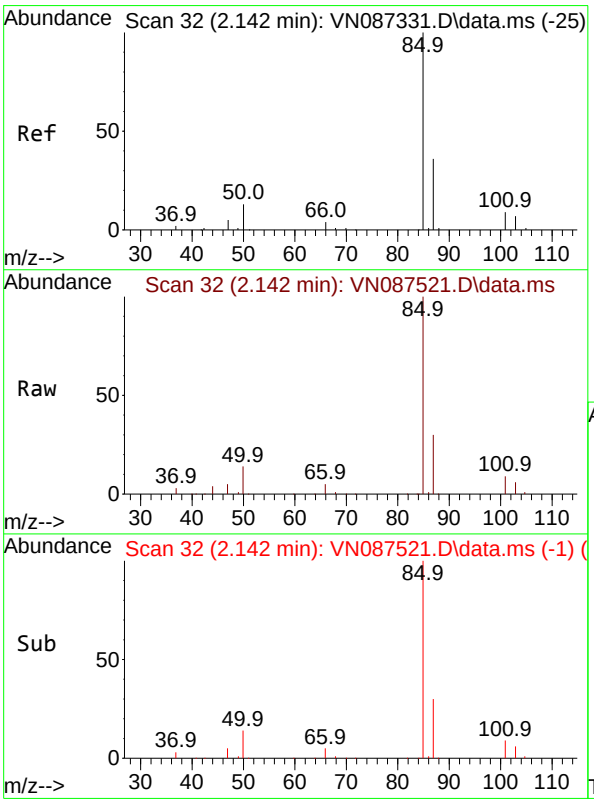
Ion	Ratio	Lower	Upper
168	100		
99	66.4	47.9	71.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

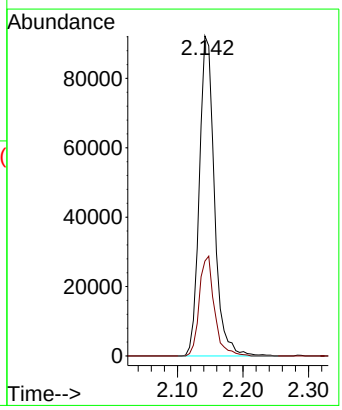
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

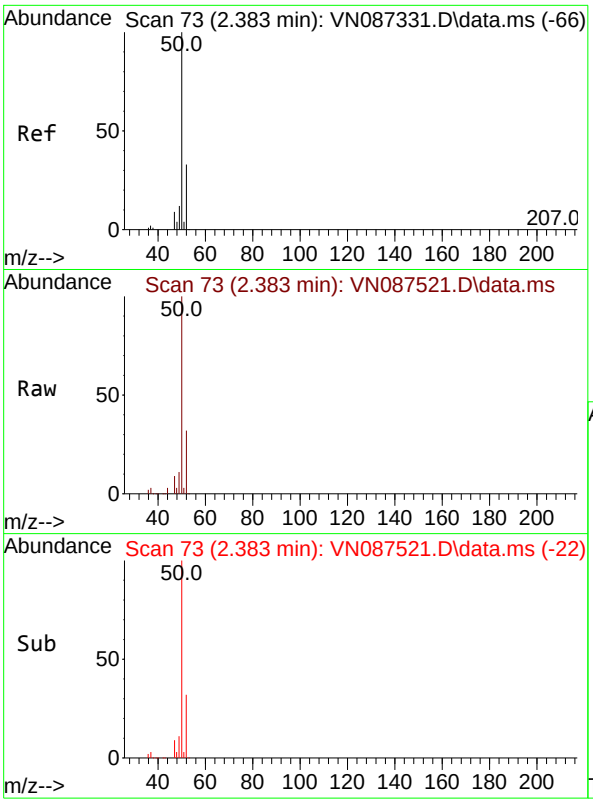


#2
Dichlorodifluoromethane
Concen: 54.006 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 85 Resp: 147929

Ion	Ratio	Lower	Upper
85	100		
87	29.7	17.8	53.3

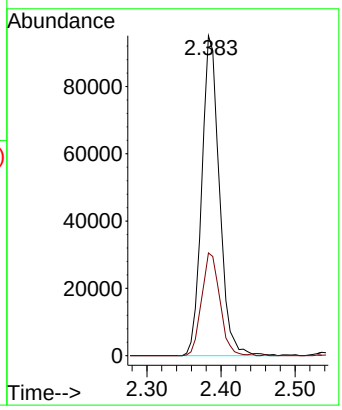




#3
Chloromethane
Concen: 45.668 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 50 Resp: 15730

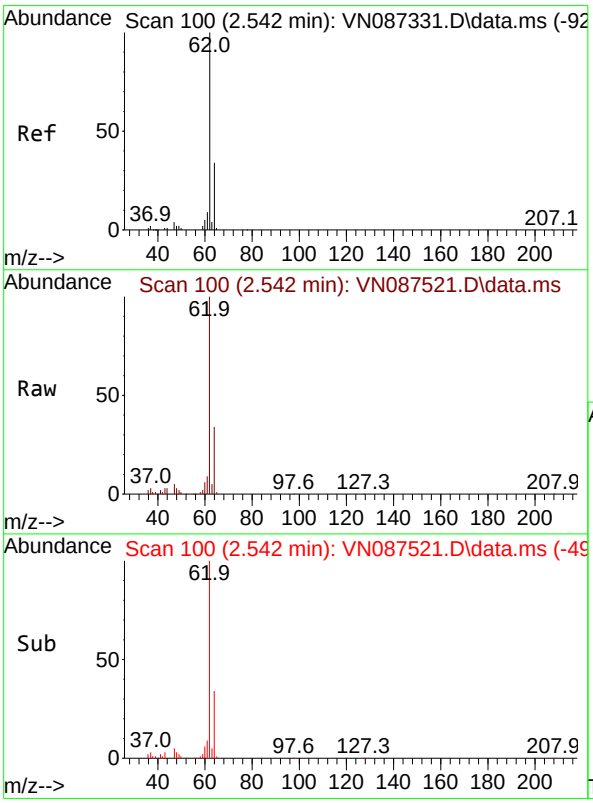
Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

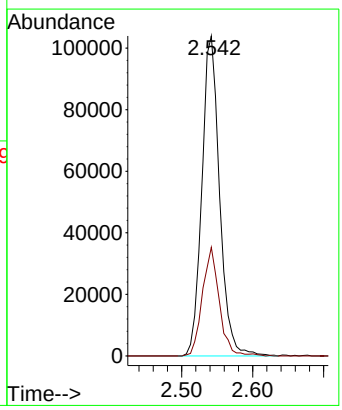
Reviewed By :John Carlone 08/13/2025
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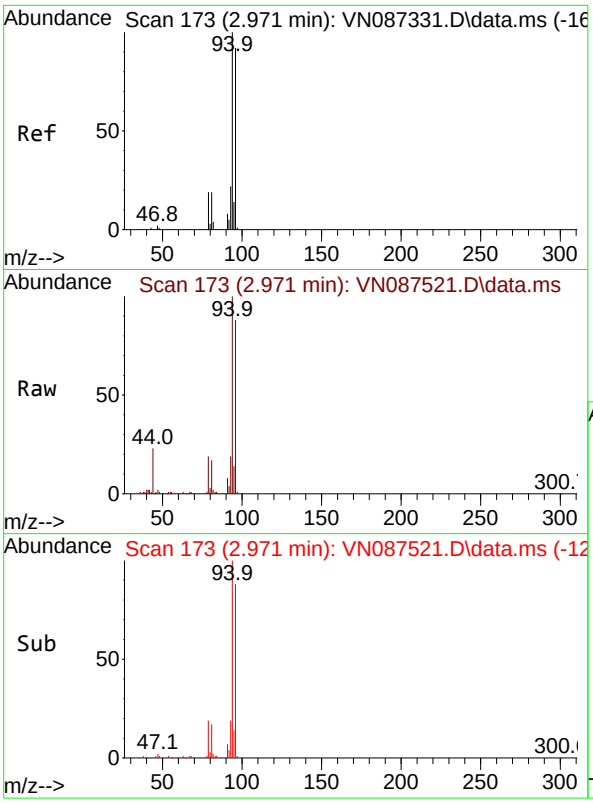


#4
Vinyl Chloride
Concen: 52.764 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 62 Resp: 180619

Ion	Ratio	Lower	Upper
62	100		
64	33.9	27.0	40.6

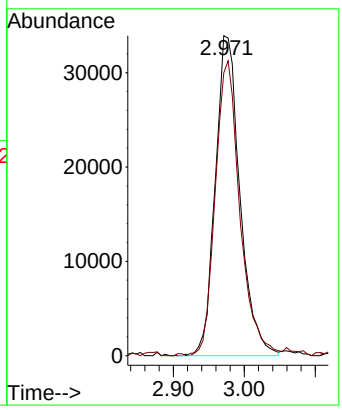




#5
Bromomethane
Concen: 46.115 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 94 Resp: 8174

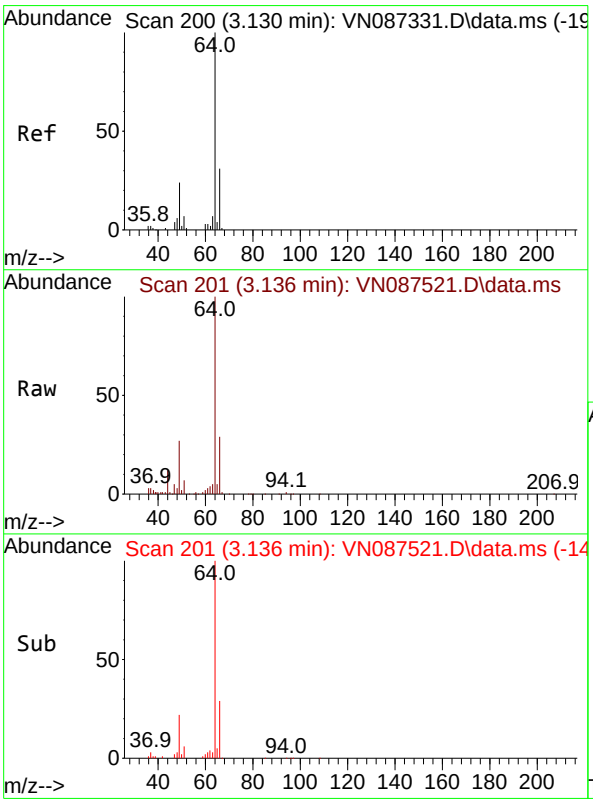
Ion	Ratio	Lower	Upper
94	100		
96	87.8	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

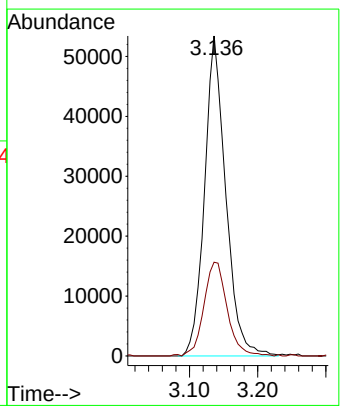
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

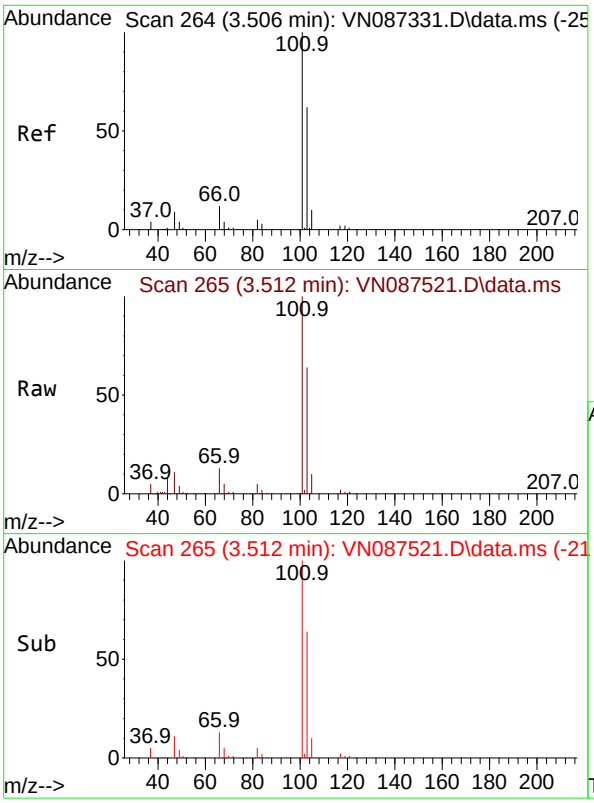


#6
Chloroethane
Concen: 51.812 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 64 Resp: 115666

Ion	Ratio	Lower	Upper
64	100		
66	28.9	24.6	36.8

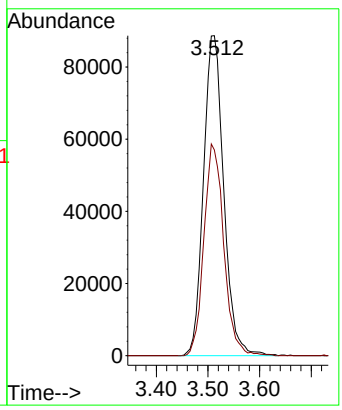




#7
Trichlorofluoromethane
Concen: 47.642 ug/l
RT: 3.512 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:101 Resp: 24115

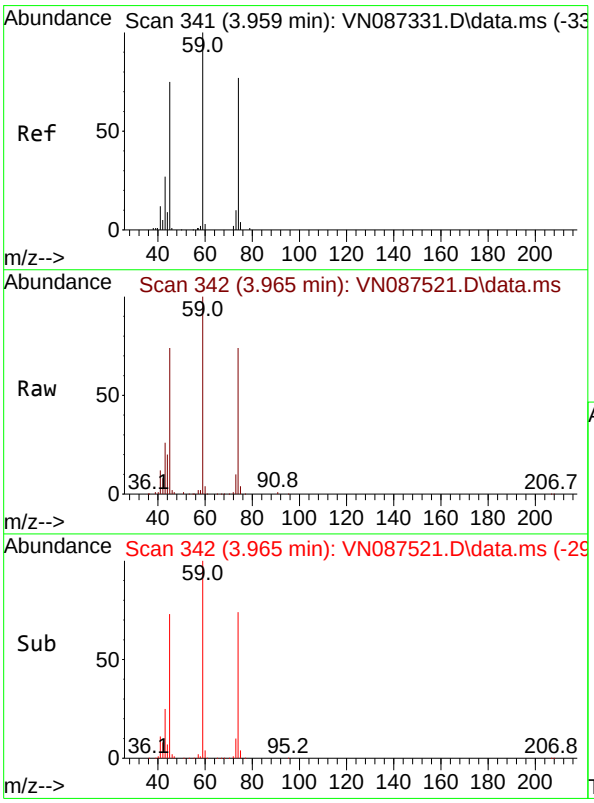
Ion	Ratio	Lower	Upper
101	100		
103	64.3	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

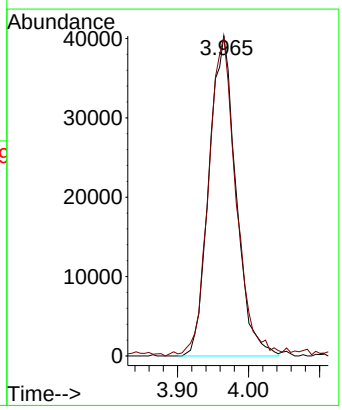
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

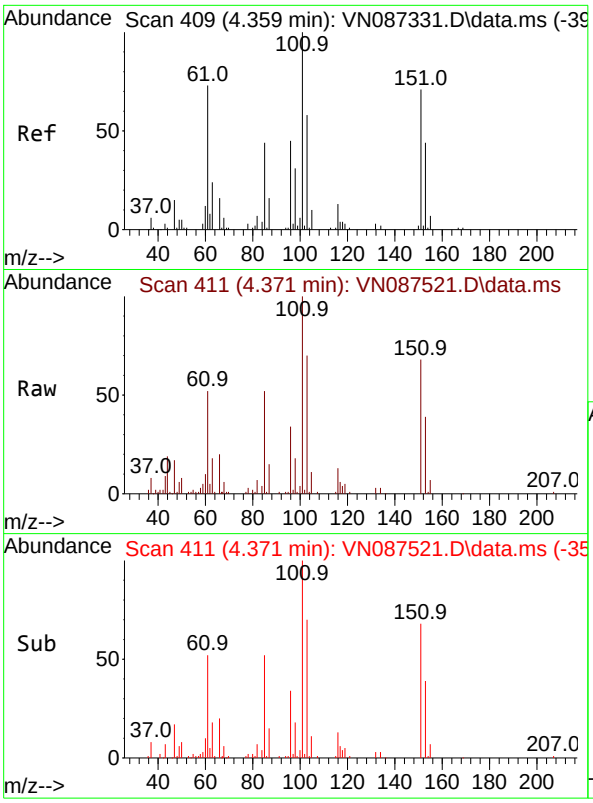


#8
Diethyl Ether
Concen: 54.010 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 74 Resp: 106049

Ion	Ratio	Lower	Upper
74	100		
45	101.9	50.8	152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.786 ug/l
RT: 4.371 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

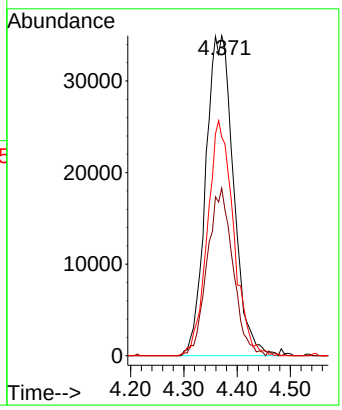
Tgt Ion:101 Resp: 12676

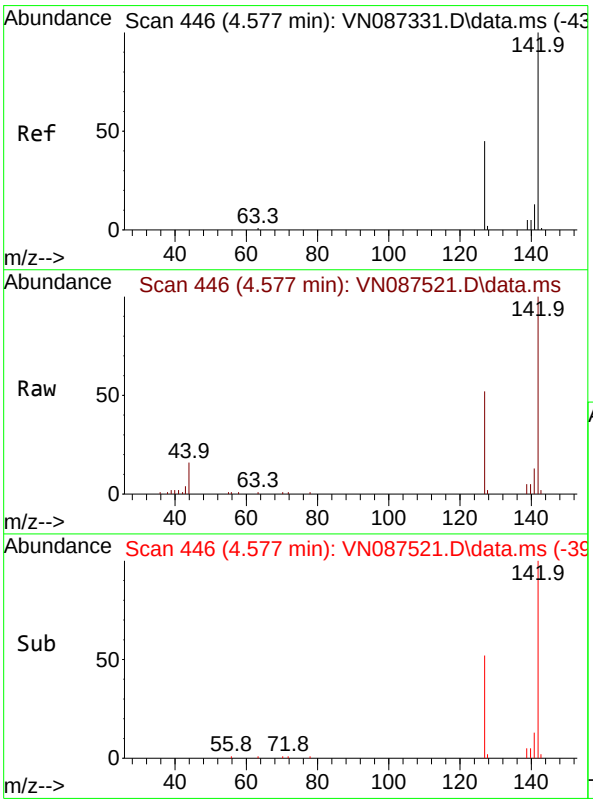
Ion	Ratio	Lower	Upper
101	100		
85	48.2	37.3	55.9
151	68.9	58.9	88.3

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

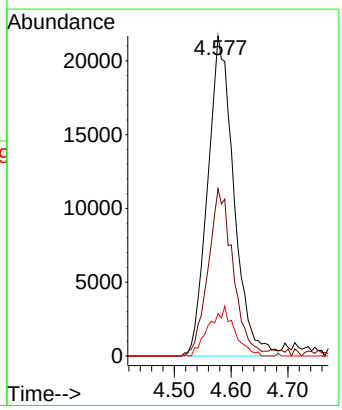


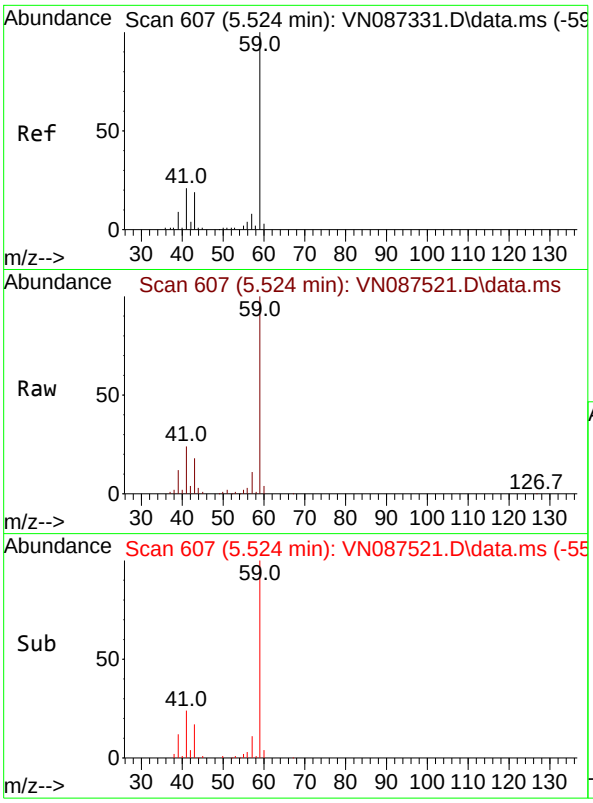


#10
Methyl Iodide
Concen: 28.674 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:142 Resp: 69414

Ion	Ratio	Lower	Upper
142	100		
127	52.2	35.7	53.5
141	13.2	10.4	15.6

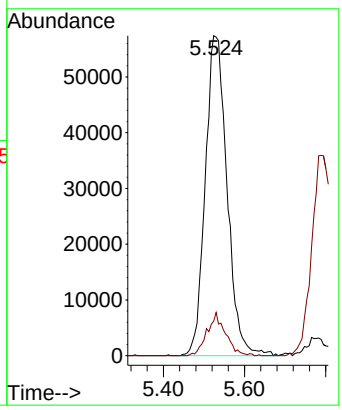




#11
Tert butyl alcohol
Concen: 257.747 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 59 Resp: 21415

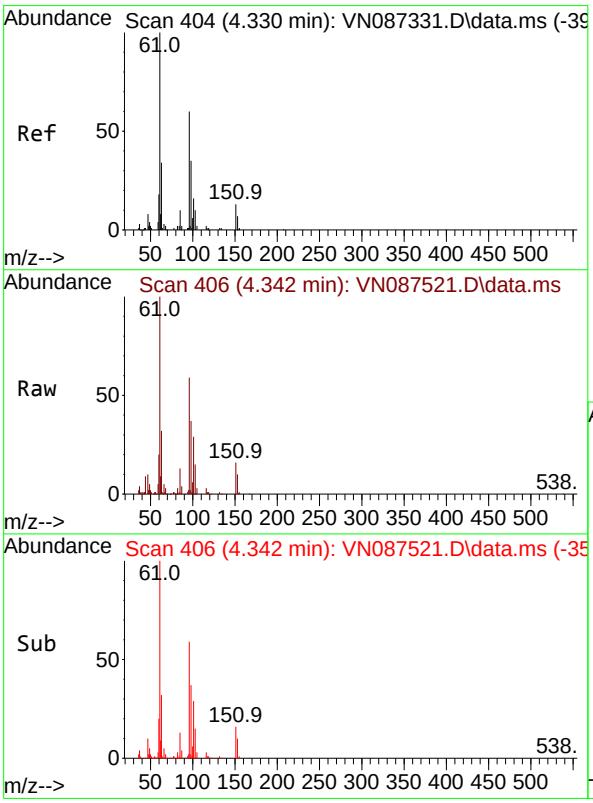
Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

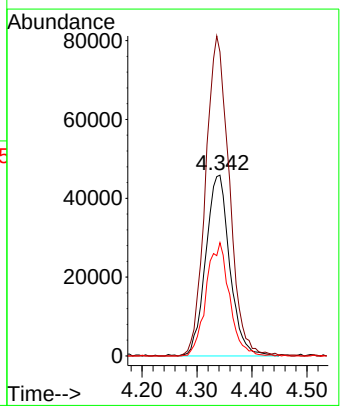
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

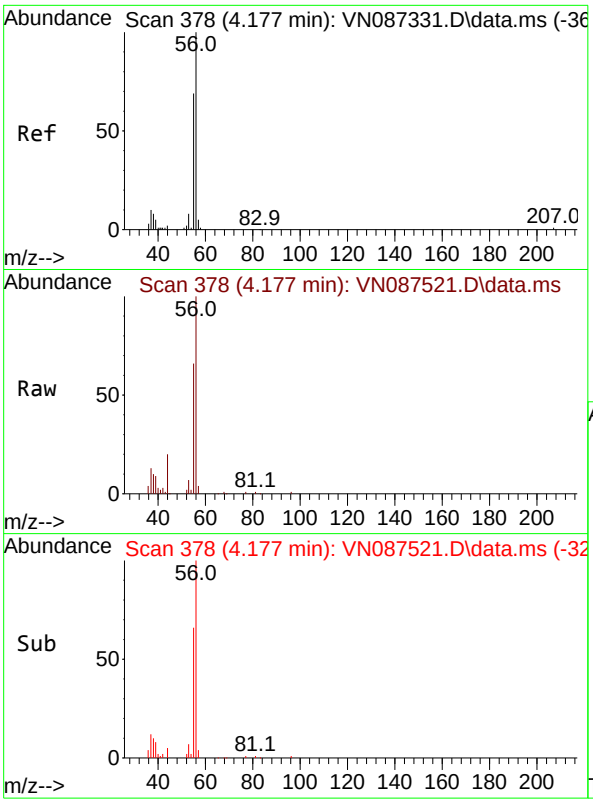


#12
1,1-Dichloroethene
Concen: 47.271 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 96 Resp: 139190

Ion	Ratio	Lower	Upper
96	100		
61	168.1	132.3	198.5
98	62.7	46.8	70.2

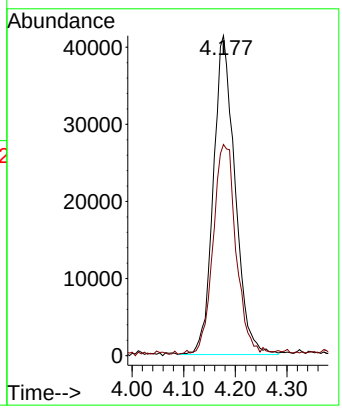




#13
Acrolein
Concen: 180.435 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 56 Resp: 12031

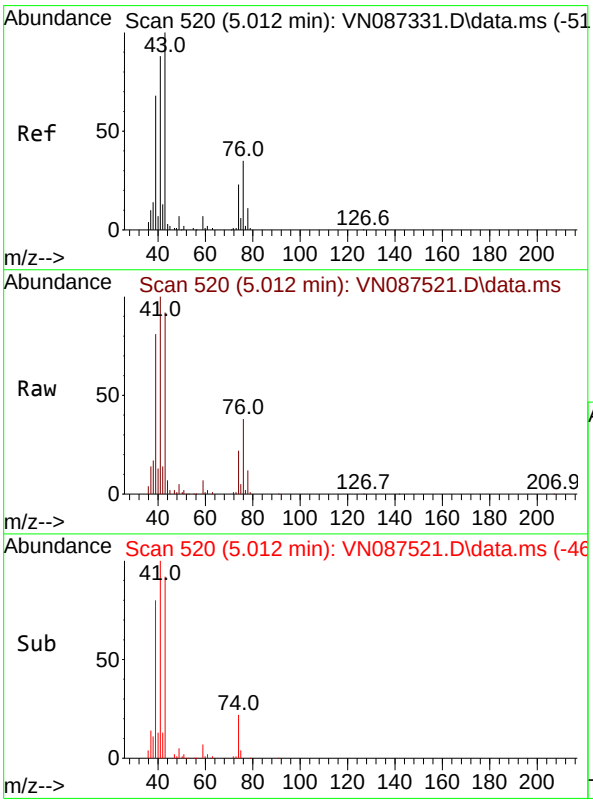
Ion	Ratio	Lower	Upper
56	100		
55	68.6	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

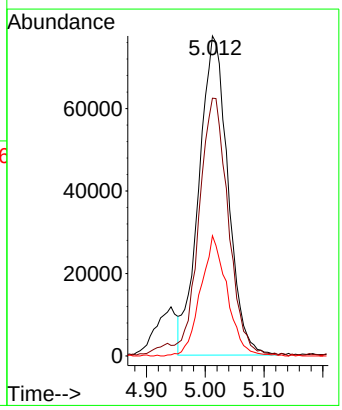
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

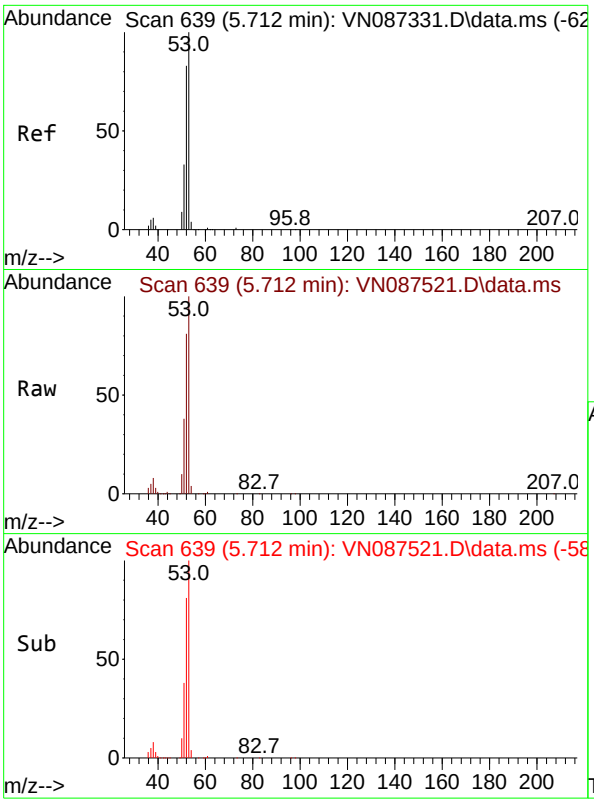


#14
Allyl chloride
Concen: 50.021 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 41 Resp: 266551

Ion	Ratio	Lower	Upper
41	100		
39	81.2	59.0	88.6
76	34.4	28.7	43.1





#15
Acrylonitrile
Concen: 242.034 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

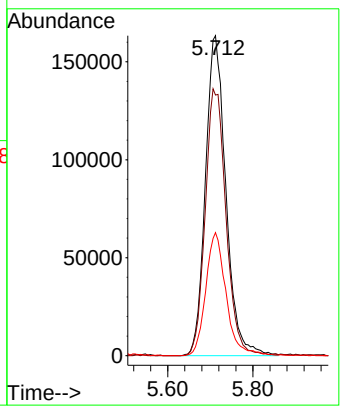
Tgt Ion: 53 Resp: 54571

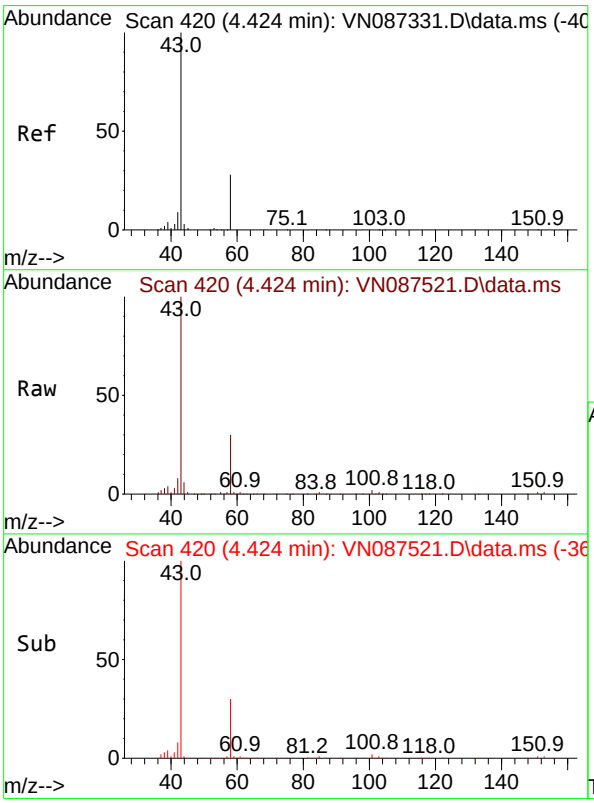
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.5	98.3
51	38.2	28.7	43.1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

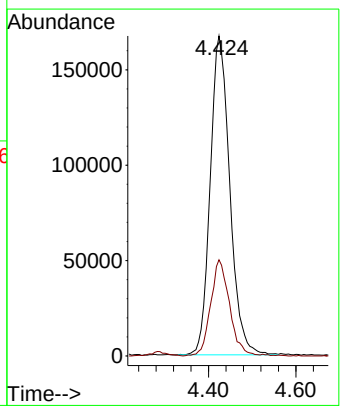


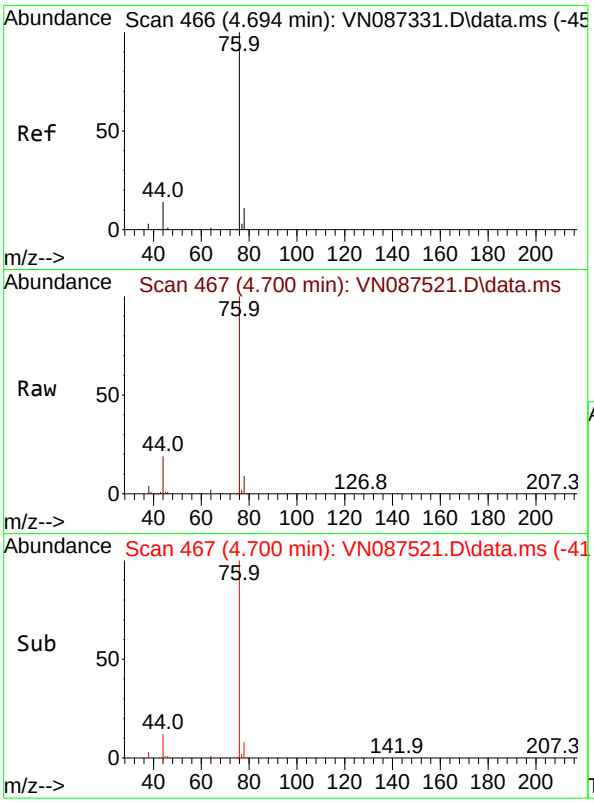


#16
Acetone
Concen: 253.271 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 519643

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.3	33.5

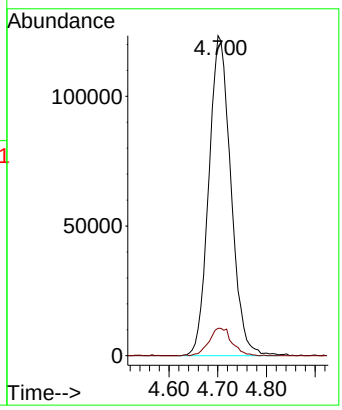




#17
Carbon Disulfide
Concen: 44.449 ug/l
RT: 4.700 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 76 Resp: 38802

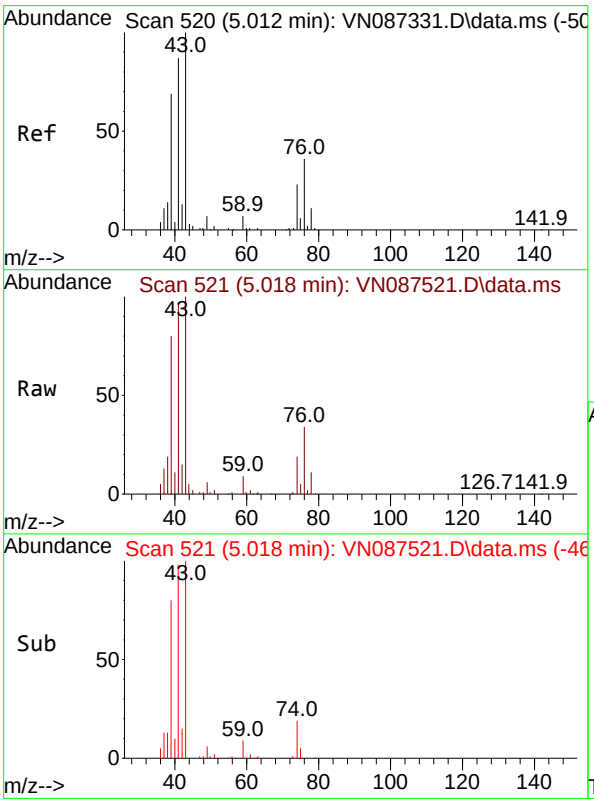
Ion	Ratio	Lower	Upper
76	100		
78	8.5	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

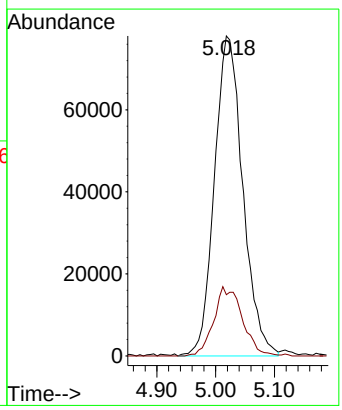
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

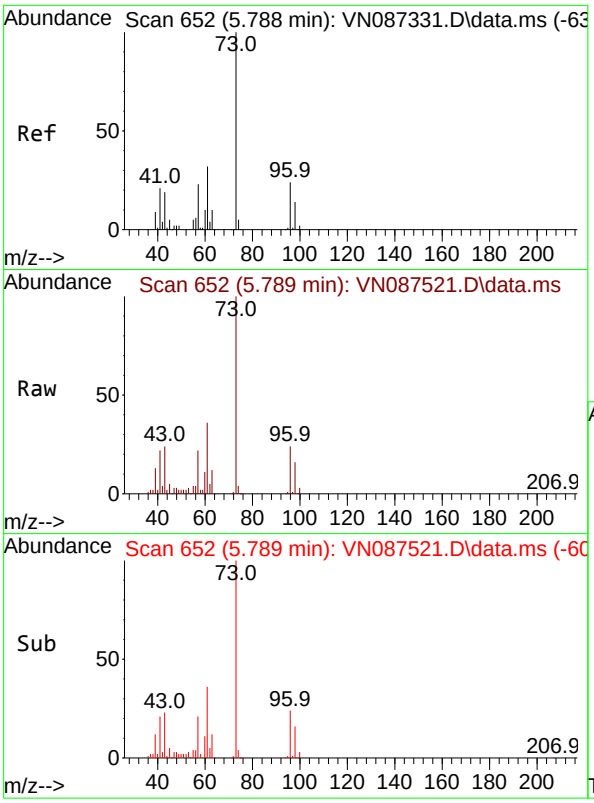


#18
Methyl Acetate
Concen: 50.736 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 261529

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.8	26.6

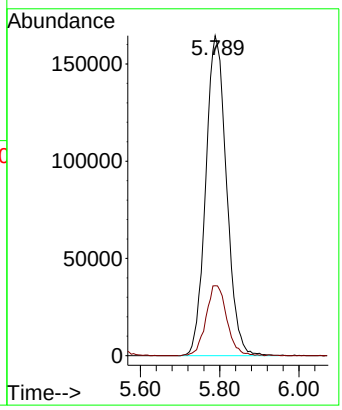




#19
Methyl tert-butyl Ether
Concen: 55.157 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 73 Resp: 59862

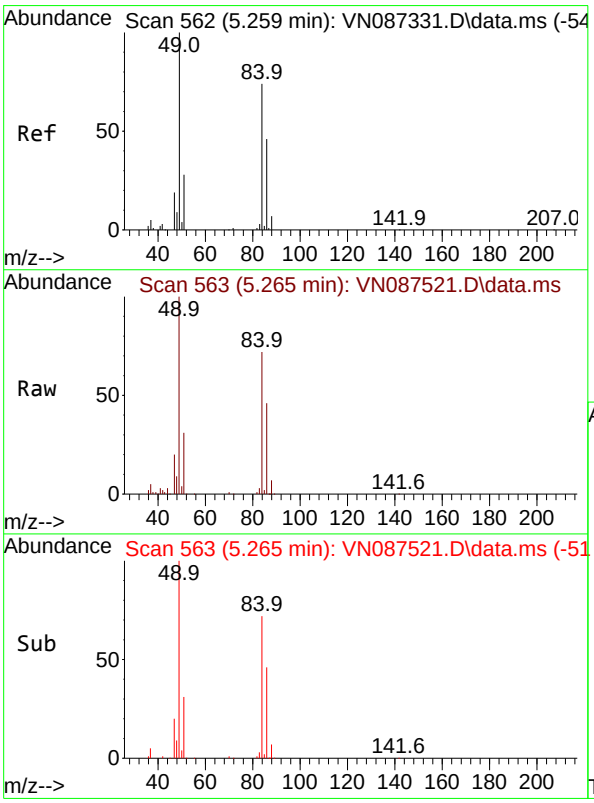
Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

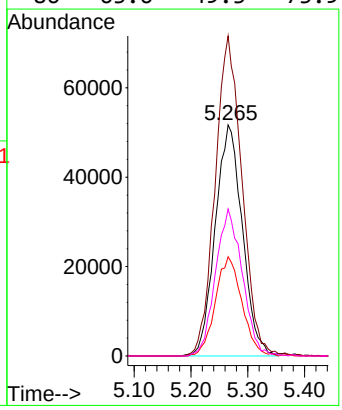
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

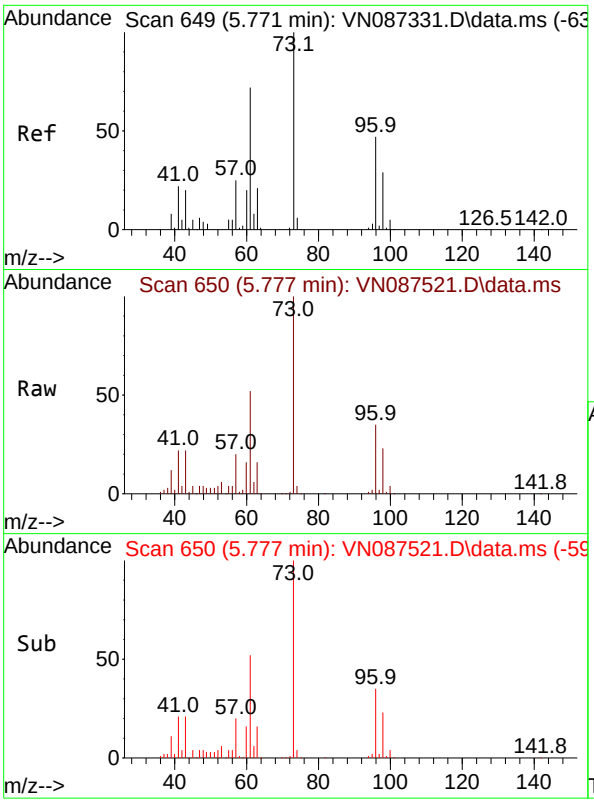


#20
Methylene Chloride
Concen: 49.392 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 84 Resp: 171336

Ion	Ratio	Lower	Upper
84	100		
49	138.5	107.5	161.3
51	42.9	30.2	45.2
86	63.6	49.3	73.9

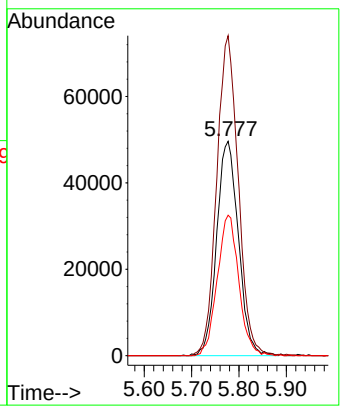




#21
trans-1,2-Dichloroethene
Concen: 47.660 ug/l
RT: 5.777 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 96 Resp: 15823

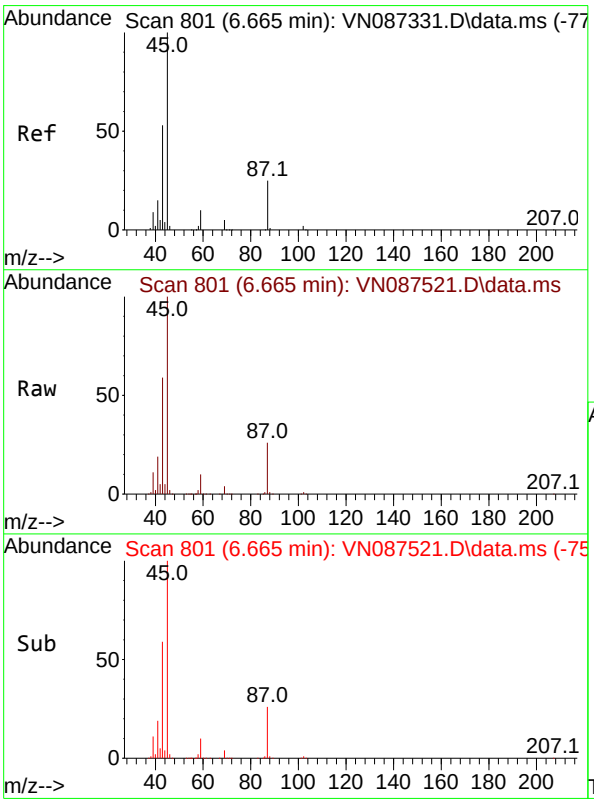
Ion	Ratio	Lower	Upper
96	100		
61	149.2	122.0	183.0
98	65.5	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
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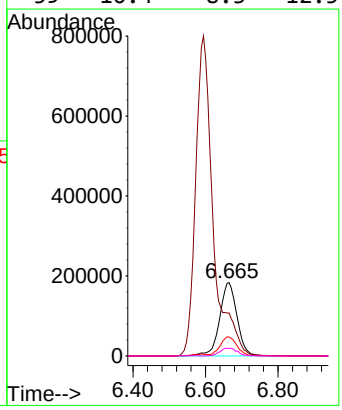
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

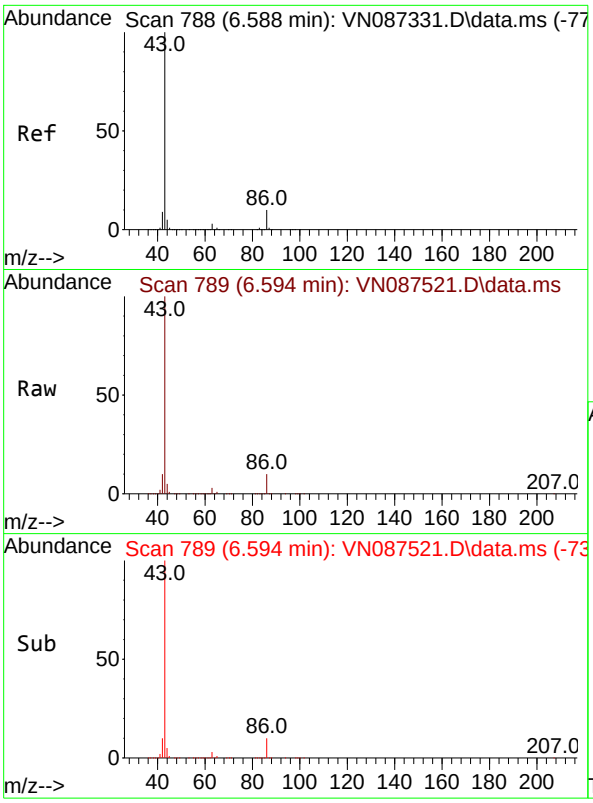


#22
Diisopropyl ether
Concen: 54.664 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 45 Resp: 611013

Ion	Ratio	Lower	Upper
45	100		
43	58.3	42.8	64.2
87	25.7	19.8	29.6
59	10.4	8.3	12.5

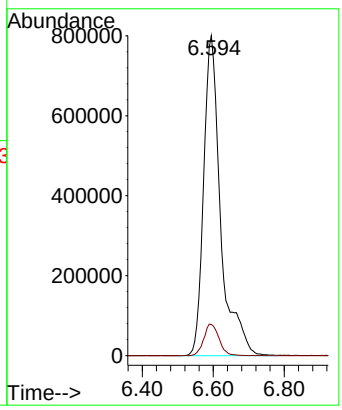




#23
Vinyl Acetate
Concen: 272.946 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 266830

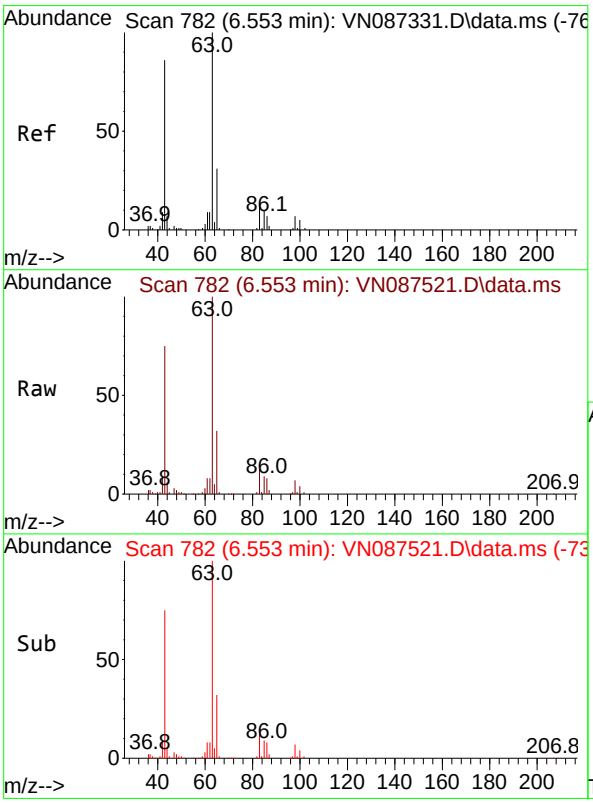
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

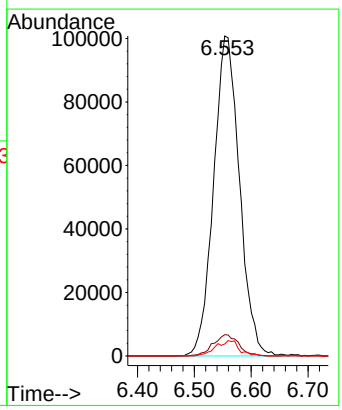
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

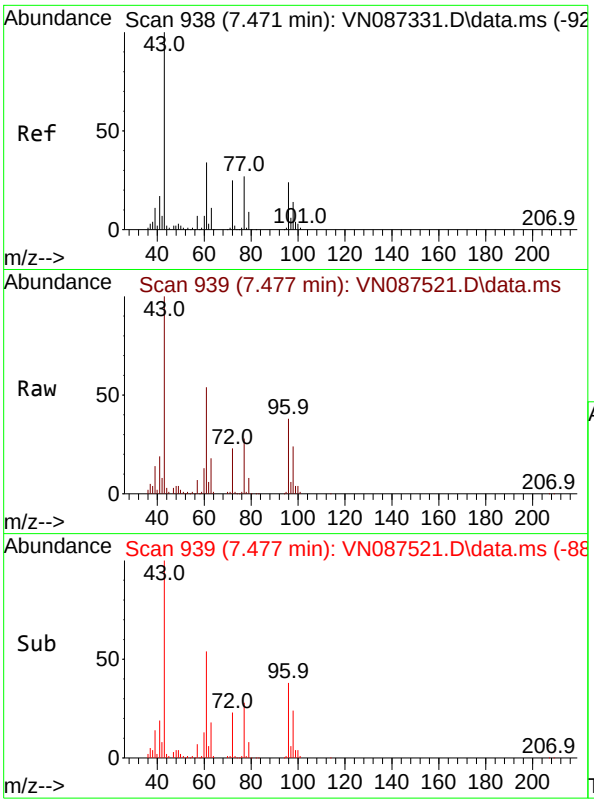


#24
1,1-Dichloroethane
Concen: 49.368 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 63 Resp: 318357

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	3.7	2.5	7.4

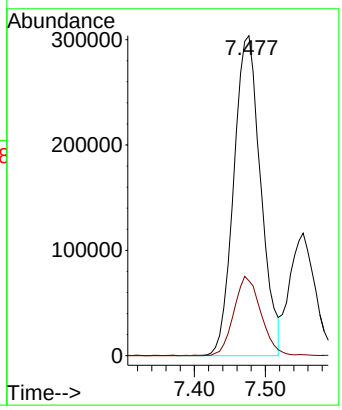




#25
2-Butanone
Concen: 253.101 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

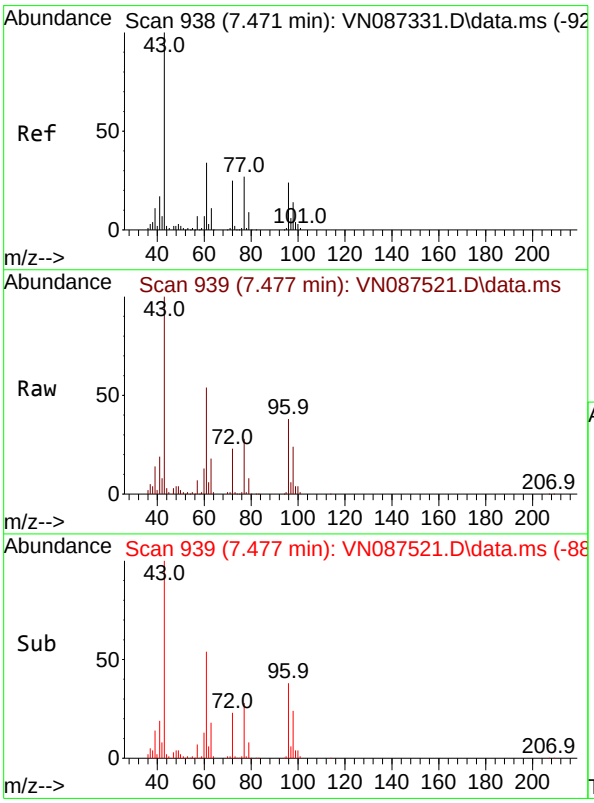
Tgt Ion: 43 Resp: 80235

Ion	Ratio	Lower	Upper
43	100		
72	23.4	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

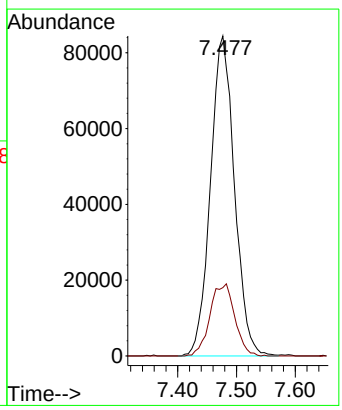
Manual Integrations
APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

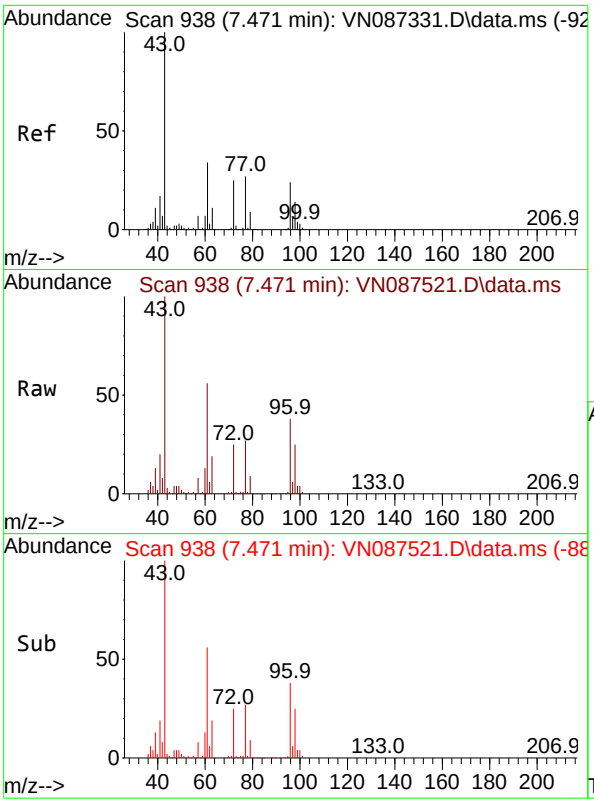


#26
2,2-Dichloropropane
Concen: 47.789 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 77 Resp: 239599

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.1	33.1





#27
cis-1,2-Dichloroethene
Concen: 81.397 ug/l
RT: 7.471 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

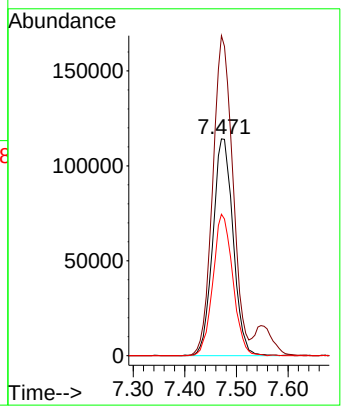
Tgt Ion: 96 Resp: 31113

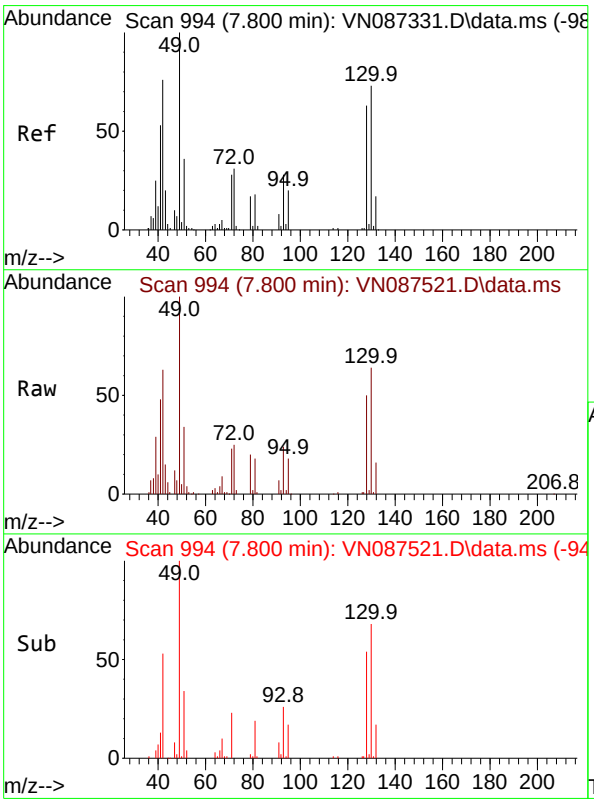
Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	297.8
98	64.0	0.0	132.4

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

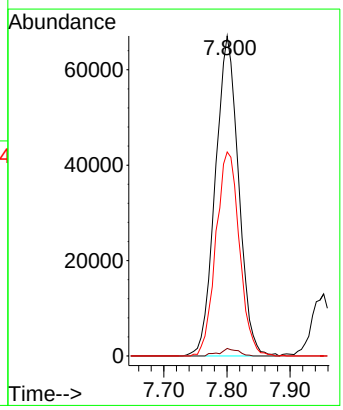


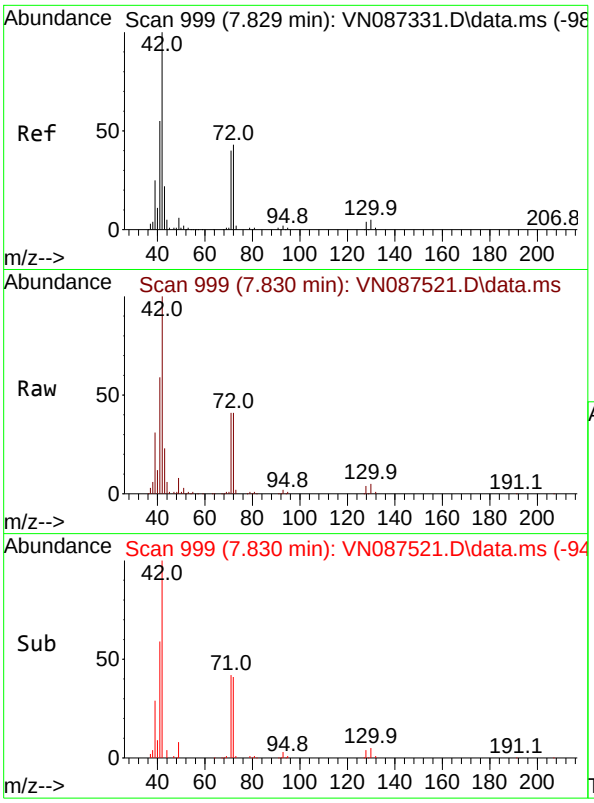


#28
Bromochloromethane
Concen: 55.641 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 49 Resp: 171725

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	64.5	57.3	85.9

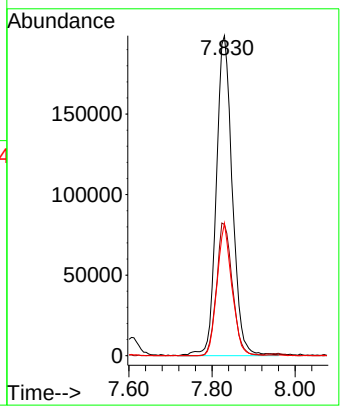




#29
Tetrahydrofuran
Concen: 257.801 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 42 Resp: 53091

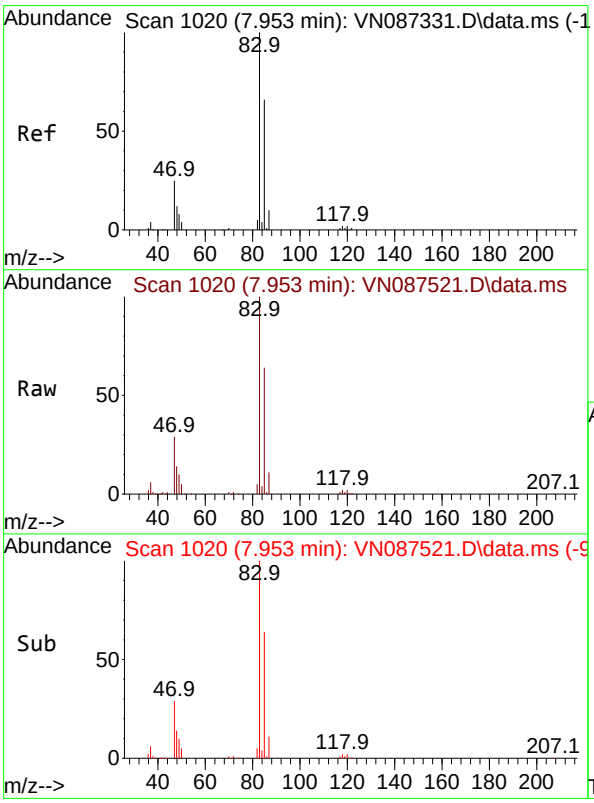
Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.4	50.0
71	38.2	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

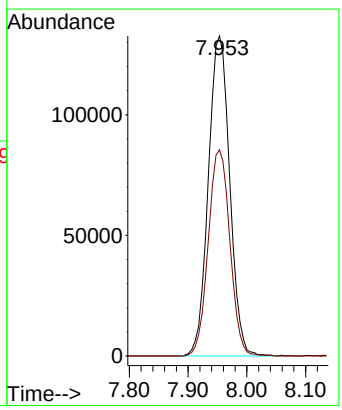
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

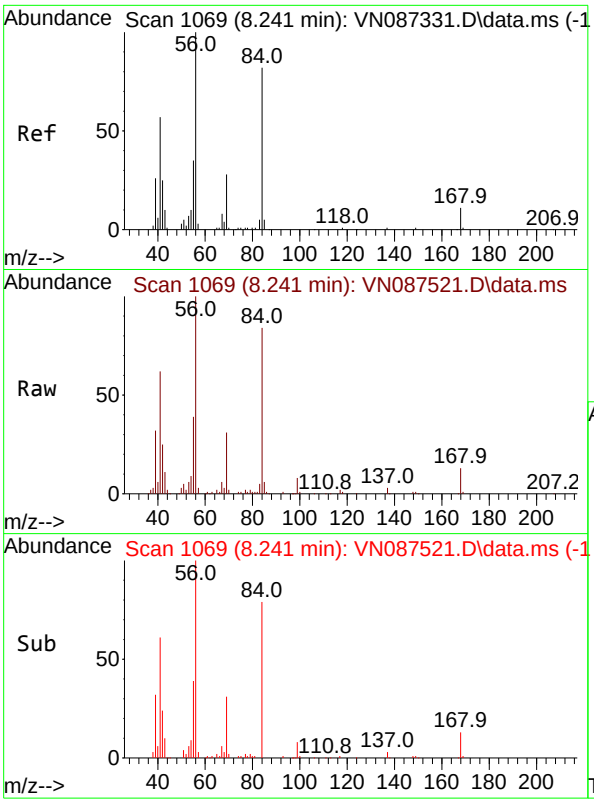


#30
Chloroform
Concen: 51.907 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 83 Resp: 335044

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.7	79.1

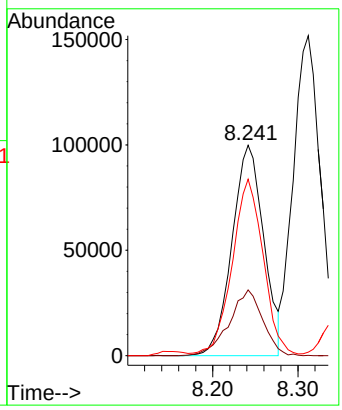




#31
Cyclohexane
Concen: 48.013 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 56 Resp: 25829

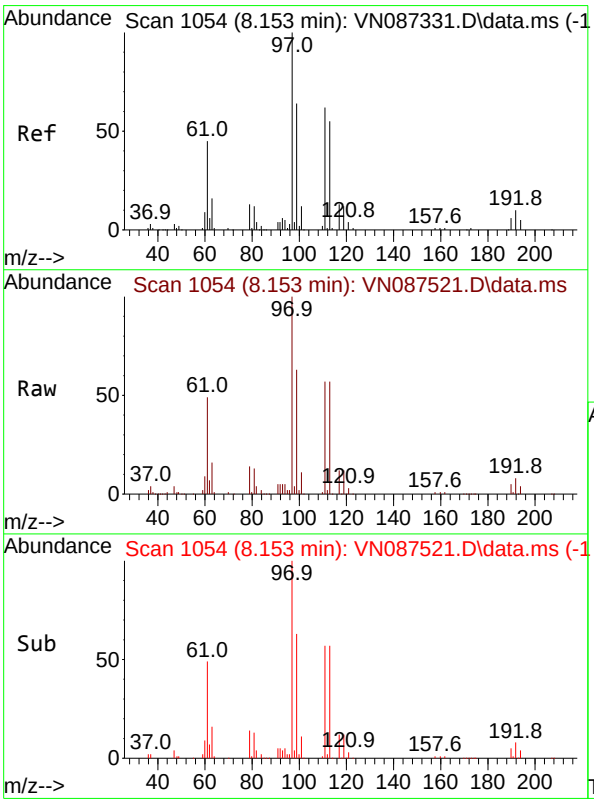
Ion	Ratio	Lower	Upper
56	100		
69	30.7	22.7	34.1
84	82.0	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

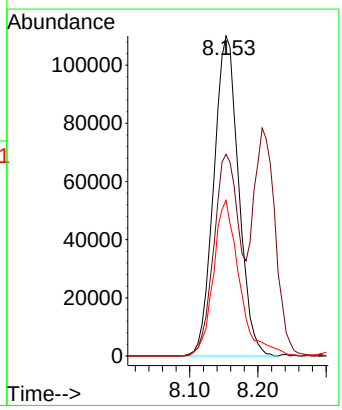
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

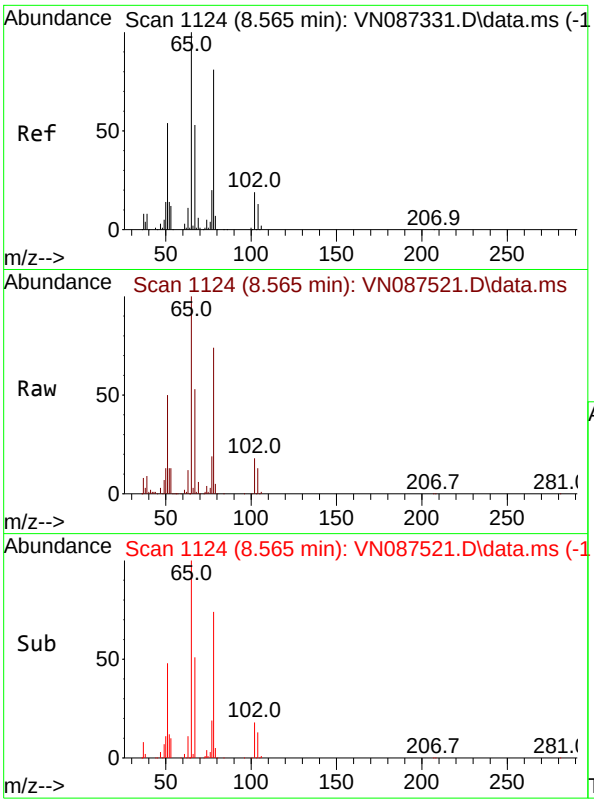


#32
1,1,1-Trichloroethane
Concen: 49.974 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 97 Resp: 279380

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.8
61	51.0	38.7	58.1

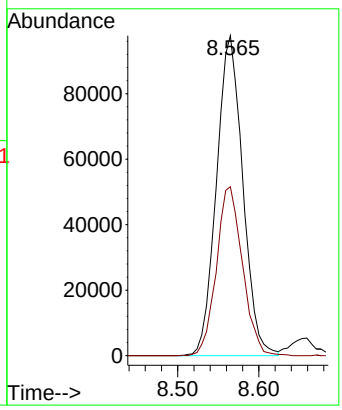




#33
1,2-Dichloroethane-d4
Concen: 50.246 ug/l
RT: 8.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 65 Resp: 21987

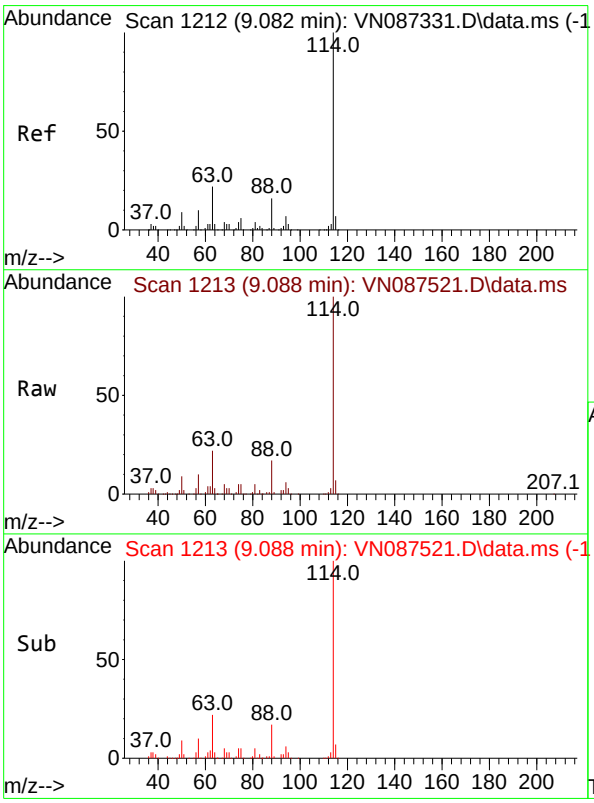
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

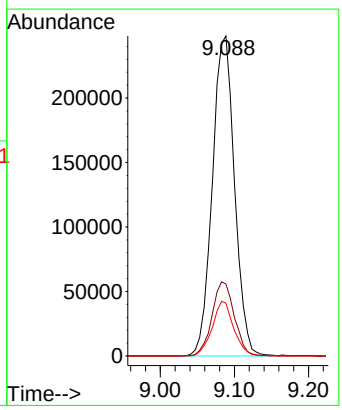
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

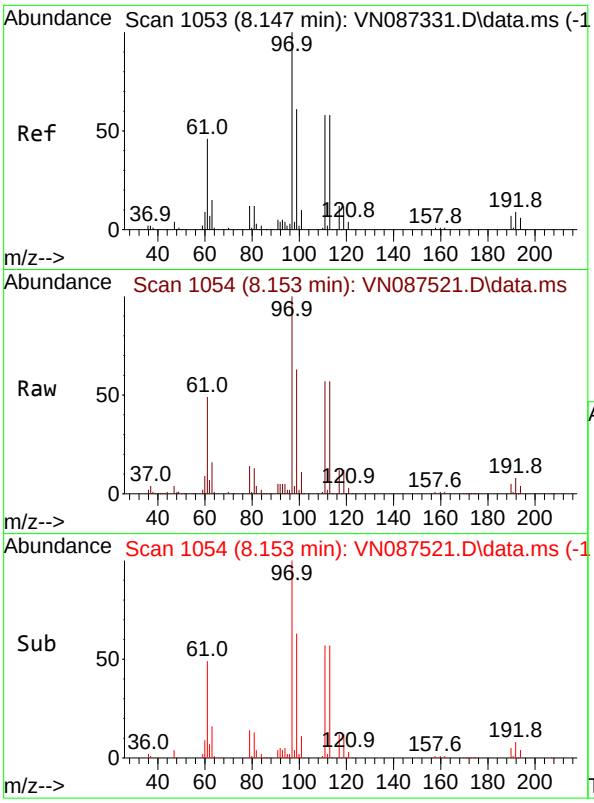


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:114 Resp: 515665

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.6
88	16.5	0.0	32.8

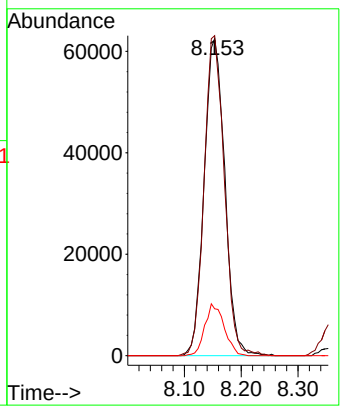




#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:113 Resp: 15741

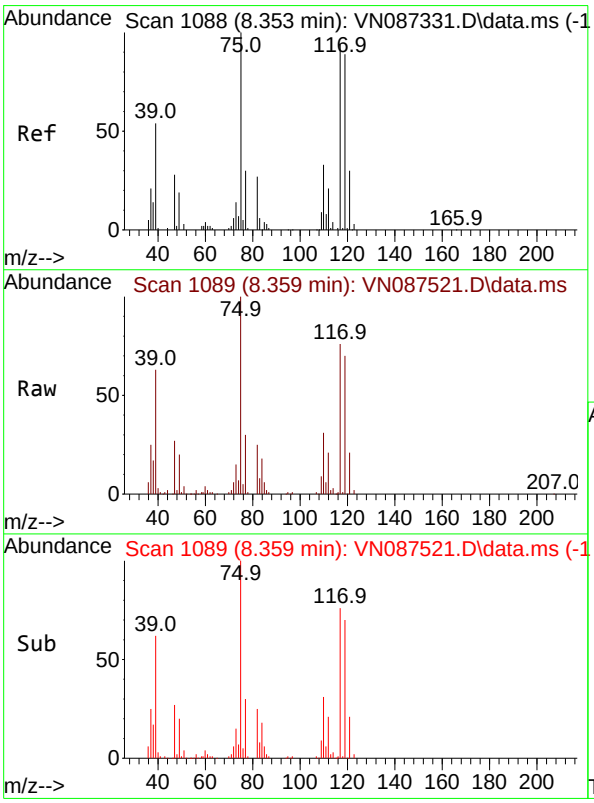
Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.5	123.7
192	15.3	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

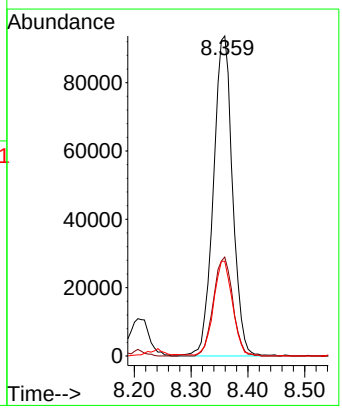
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

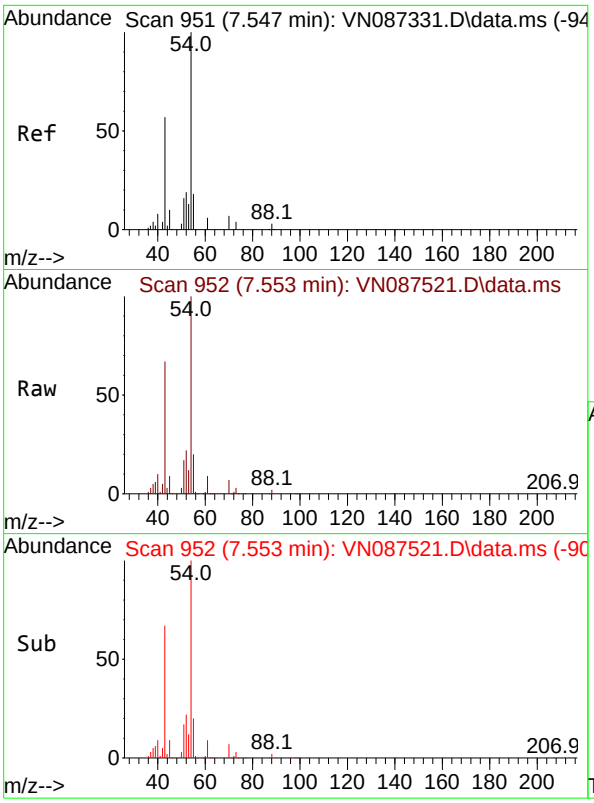


#36
1,1-Dichloropropene
Concen: 46.633 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 219152

Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.7	50.1
77	29.5	25.2	37.8





#37
Ethyl Acetate
Concen: 44.304 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

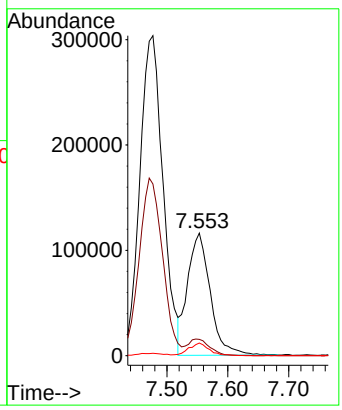
Tgt Ion: 43 Resp: 30070

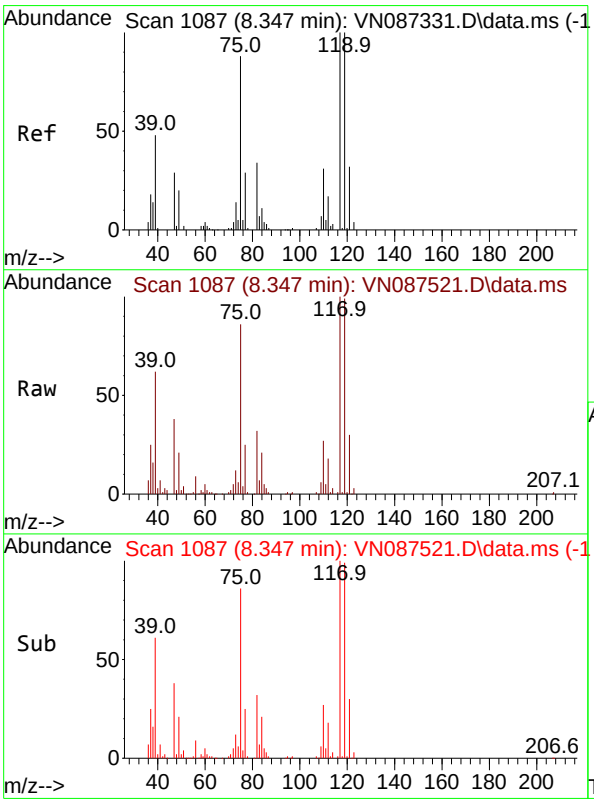
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.9	16.3
70	9.3	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

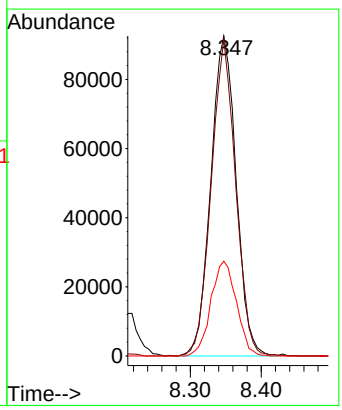


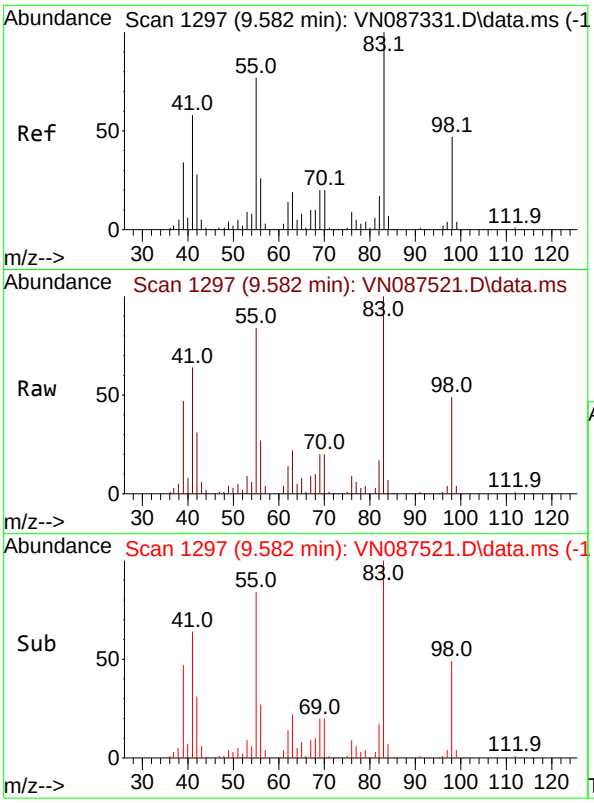


#38
Carbon Tetrachloride
Concen: 44.202 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:117 Resp: 228827

Ion	Ratio	Lower	Upper
117	100		
119	99.0	80.2	120.2
121	29.6	25.4	38.2





#39
Methylcyclohexane
Concen: 46.989 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

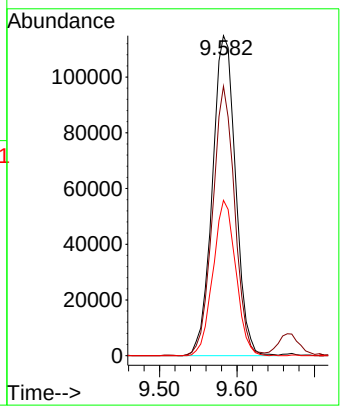
Tgt Ion: 83 Resp: 23907

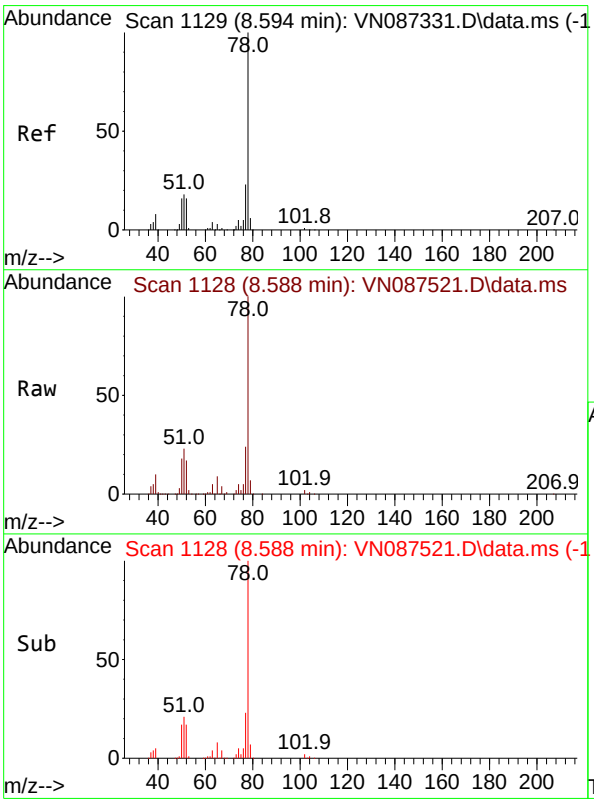
Ion	Ratio	Lower	Upper
83	100		
55	84.2	61.3	91.9
98	48.5	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

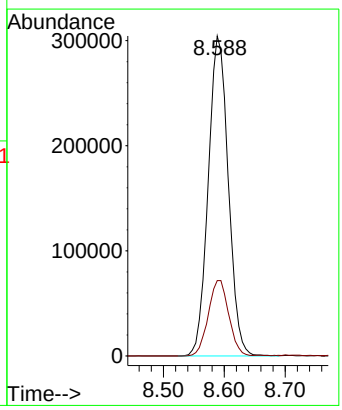


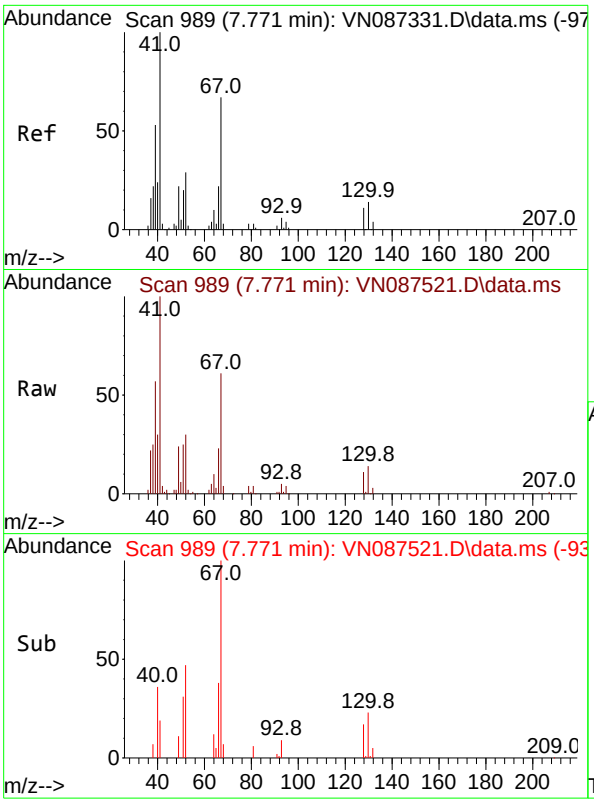


#40
Benzene
Concen: 45.888 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 78 Resp: 696992

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2

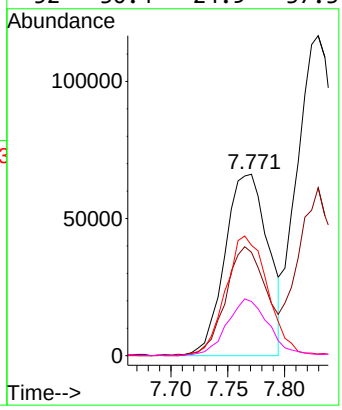




#41
Methacrylonitrile
Concen: 49.393 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 41 Resp: 17529

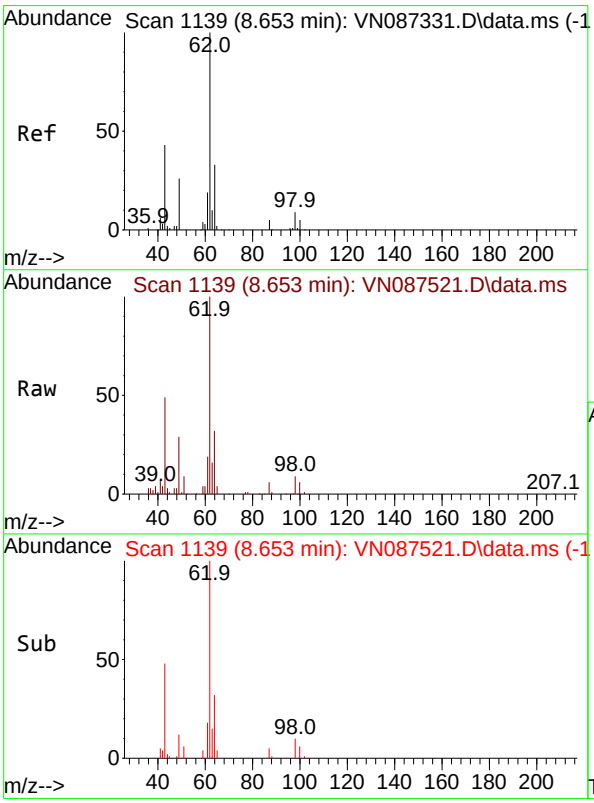
Ion	Ratio	Lower	Upper
41	100		
39	56.7	43.4	65.0
67	64.8	55.1	82.7
52	30.4	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

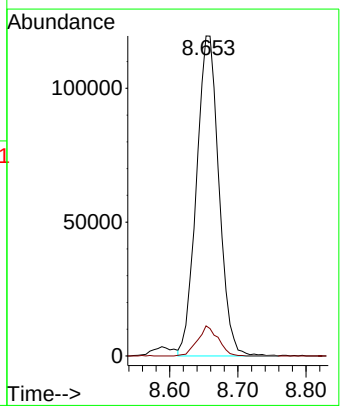
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

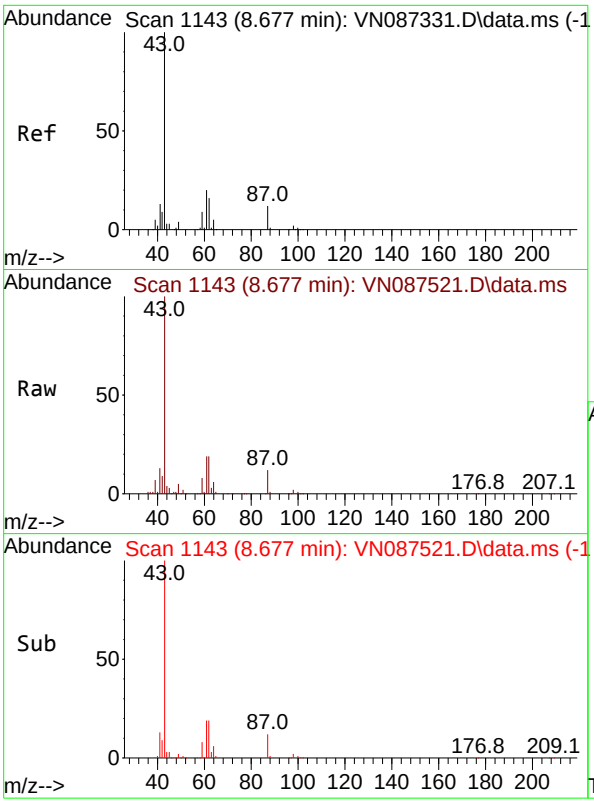


#42
1,2-Dichloroethane
Concen: 47.524 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 62 Resp: 273737

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0

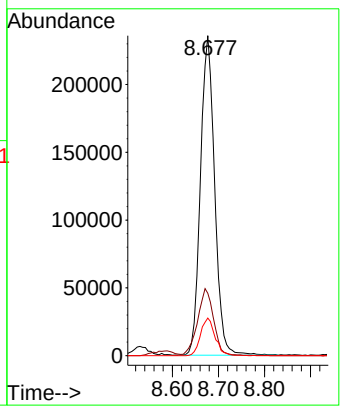




#43
Isopropyl Acetate
Concen: 48.236 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 50821

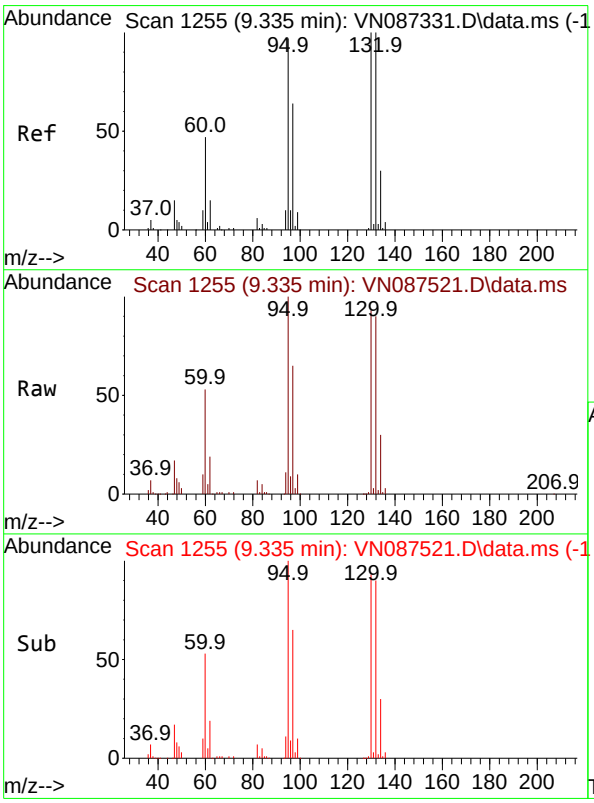
Ion	Ratio	Lower	Upper
43	100		
61	23.3	19.8	29.8
87	12.0	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

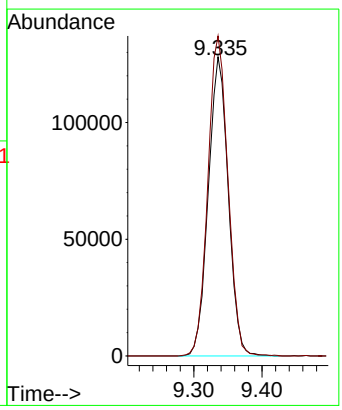
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

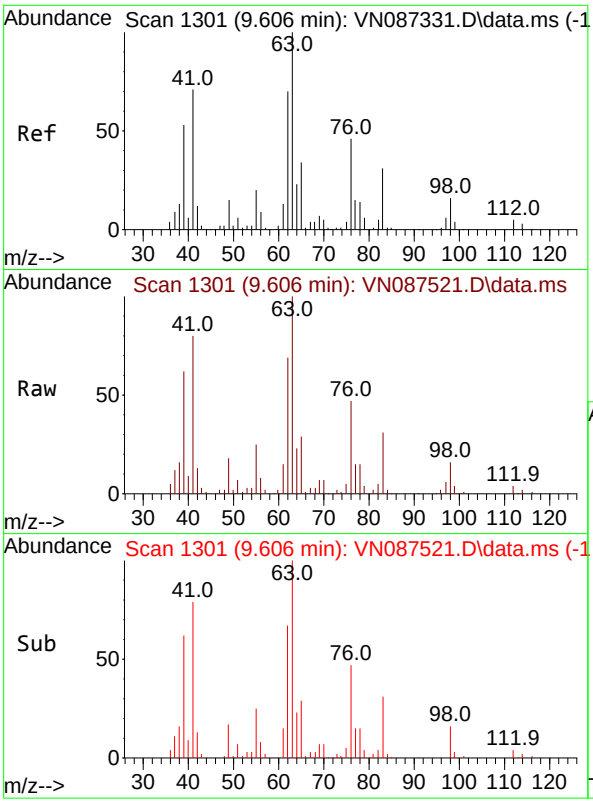


#44
Trichloroethene
Concen: 72.731 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:130 Resp: 261025

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	195.2

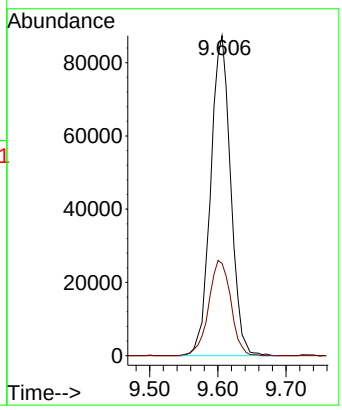




#45
1,2-Dichloropropane
Concen: 46.194 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 63 Resp: 17827

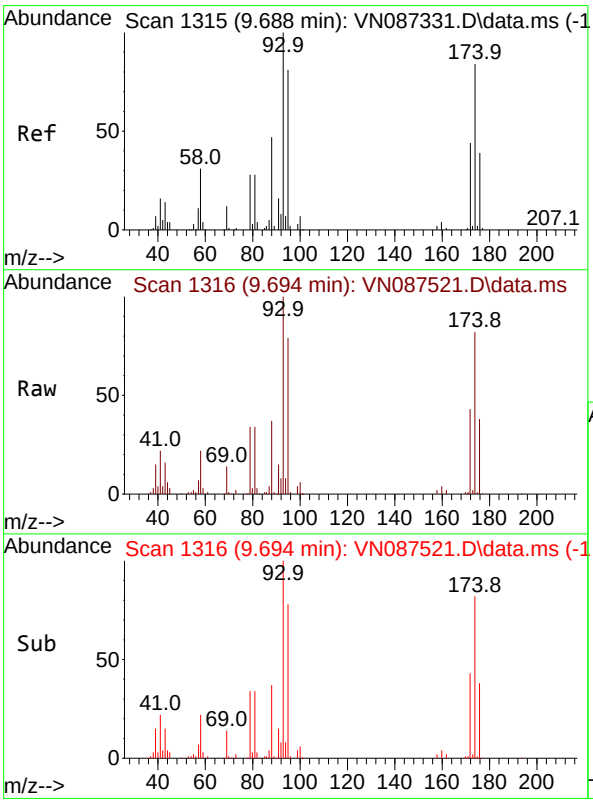
Ion	Ratio	Lower	Upper
63	100		
65	28.9	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

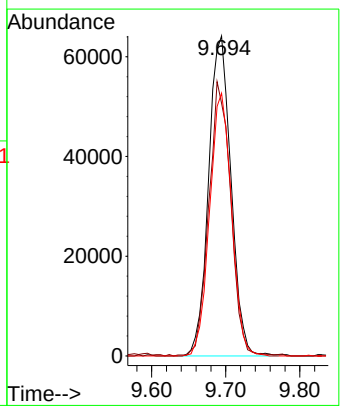
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

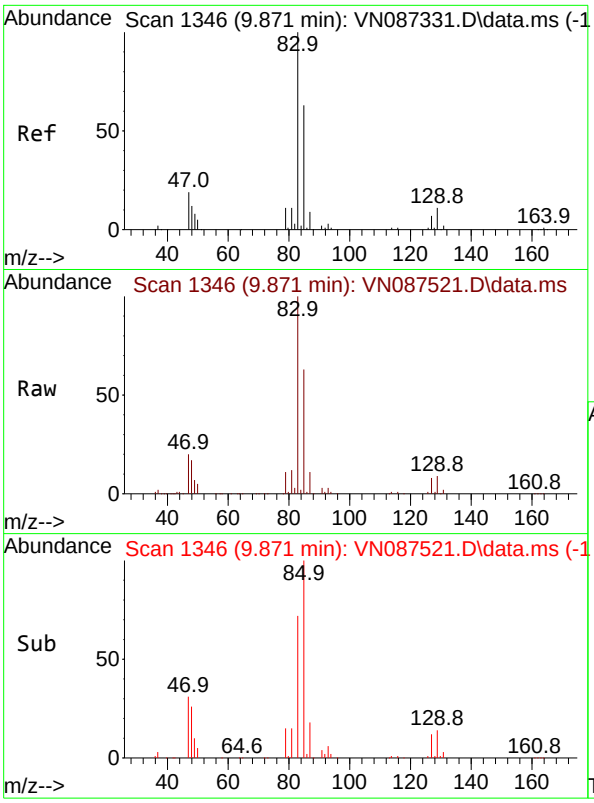


#46
Dibromomethane
Concen: 46.636 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 93 Resp: 134756

Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.8	98.8
174	80.5	69.9	104.9

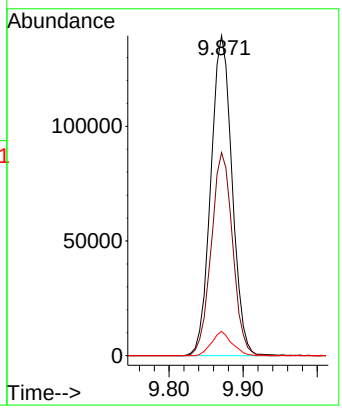




#47
Bromodichloromethane
Concen: 47.731 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 83 Resp: 27781

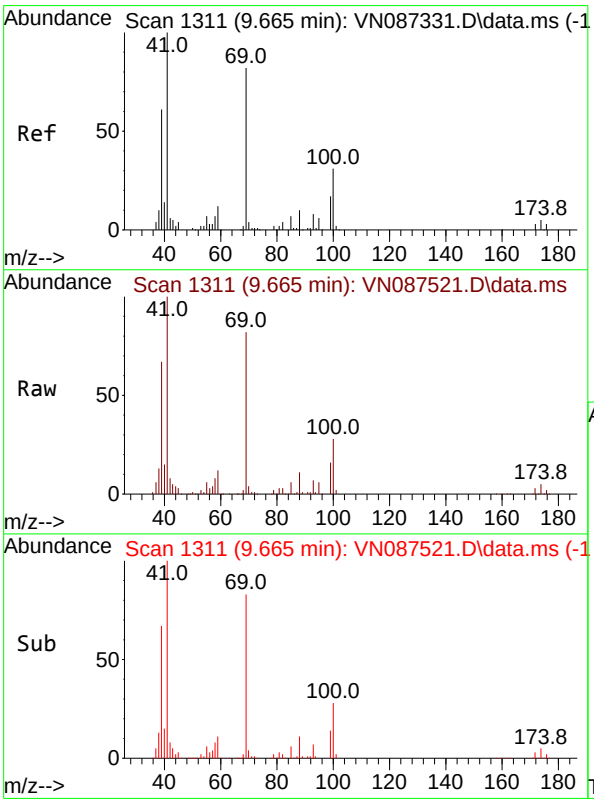
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.4	75.6
127	7.6	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

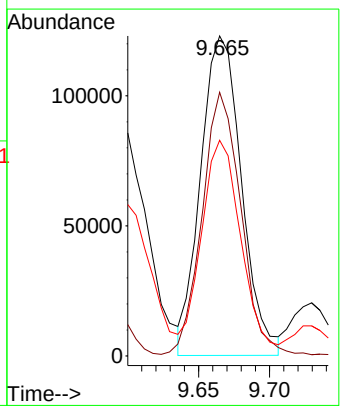
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

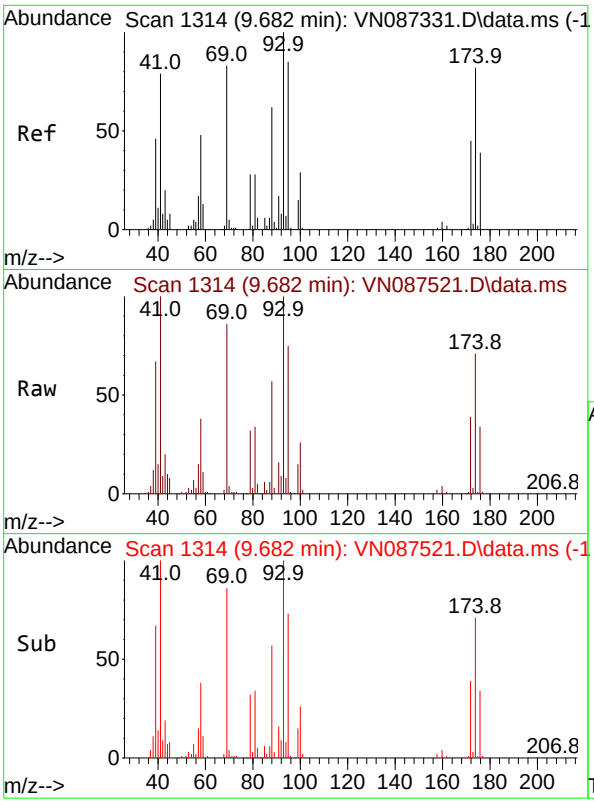


#48
Methyl methacrylate
Concen: 51.855 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 41 Resp: 245961

Ion	Ratio	Lower	Upper
41	100		
69	78.0	64.1	96.1
39	65.3	45.5	68.3





#49
1,4-Dioxane
Concen: 956.911 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

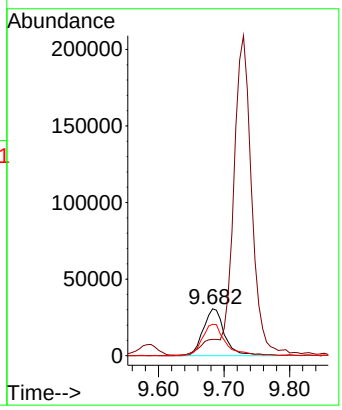
Tgt Ion: 88 Resp: 6951

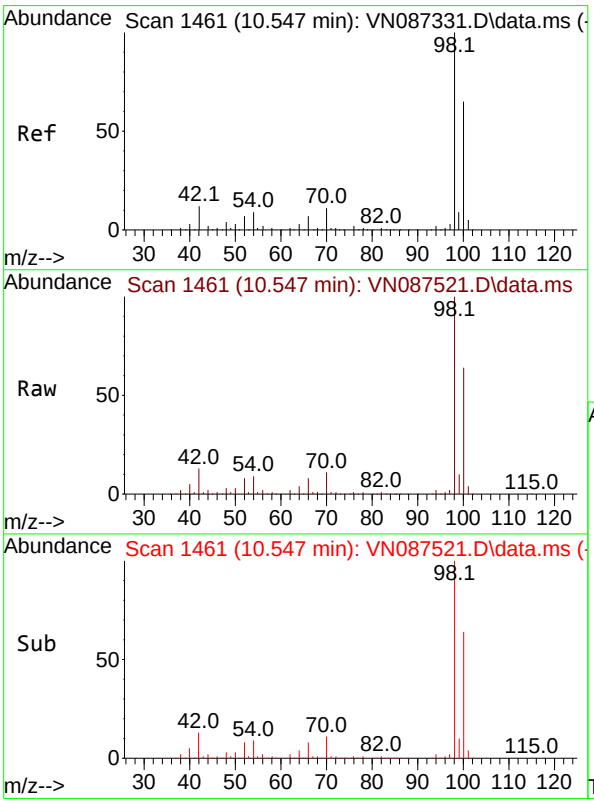
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.5	61.1	91.7

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

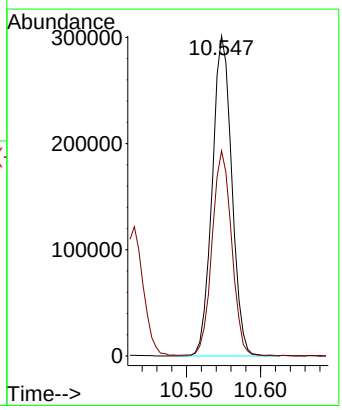


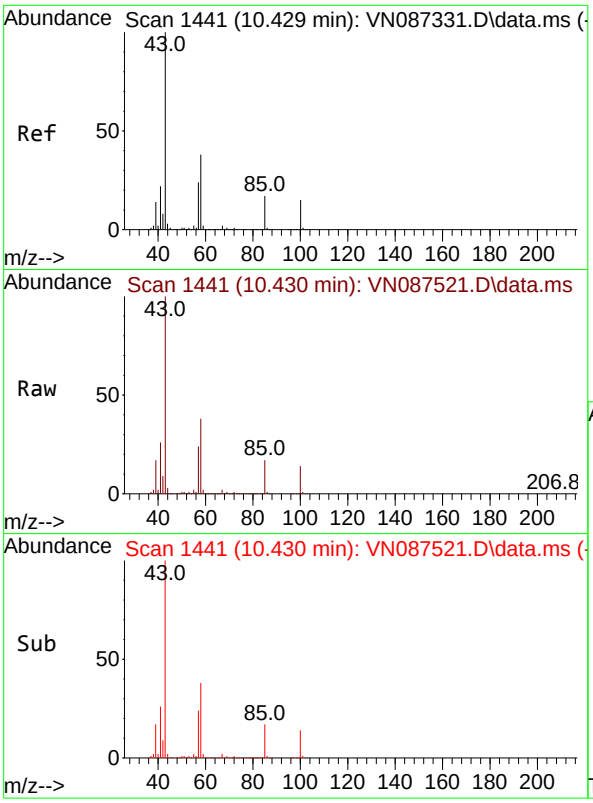


#50
Toluene-d8
Concen: 43.537 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 98 Resp: 552415

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1

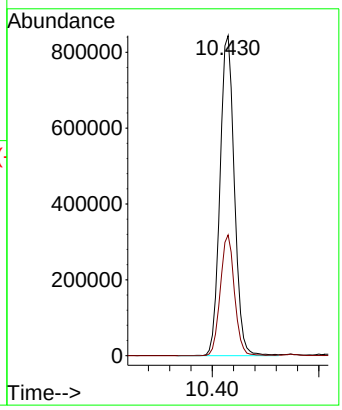




#51
4-Methyl-2-Pentanone
Concen: 237.315 ug/l
RT: 10.430 min Scan# 14
Delta R.T. 0.001 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 158142

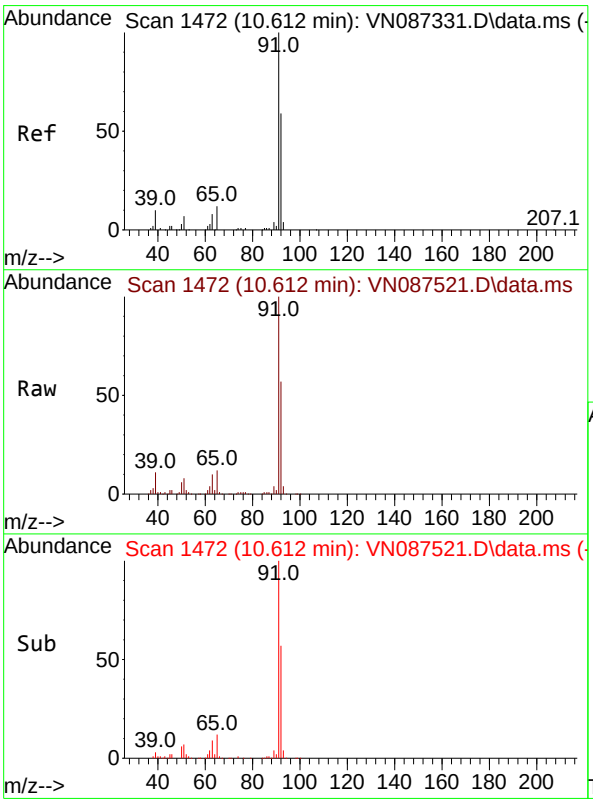
Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

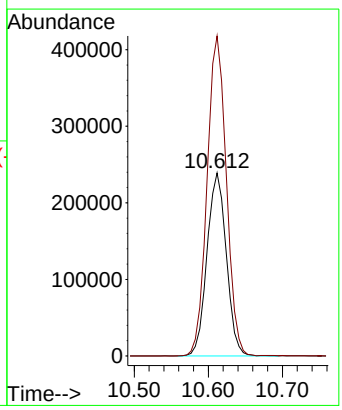
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

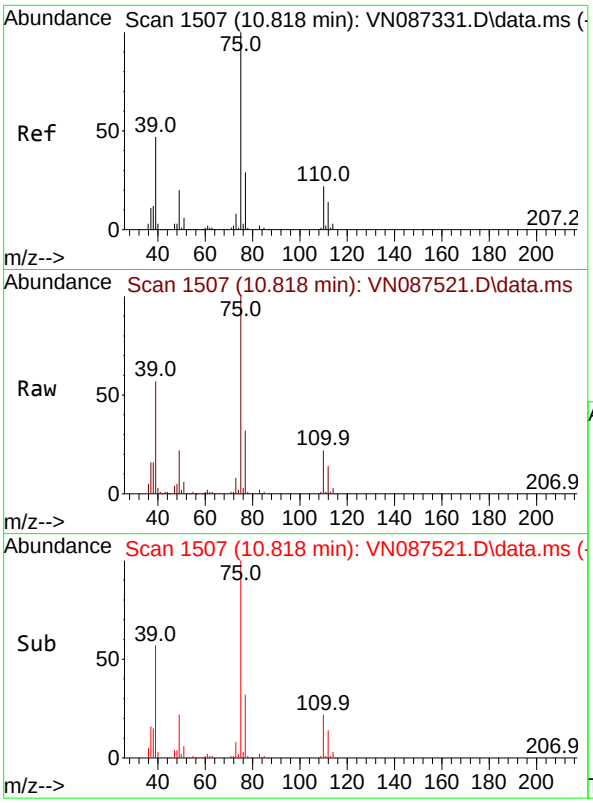


#52
Toluene
Concen: 46.838 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 92 Resp: 432409

Ion	Ratio	Lower	Upper
92	100		
91	174.8	135.1	202.7

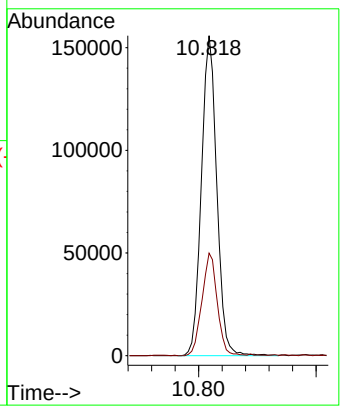




#53
t-1,3-Dichloropropene
Concen: 48.140 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 28356

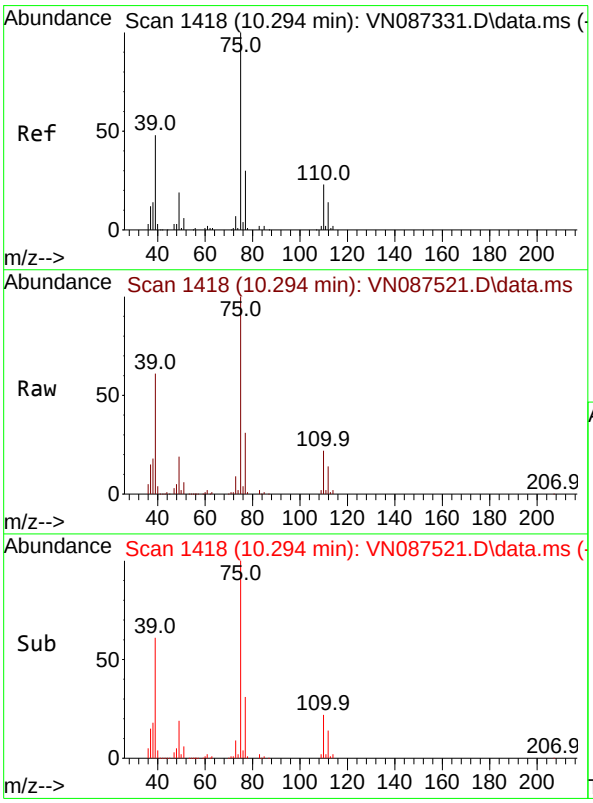
Ion	Ratio	Lower	Upper
75	100		
77	32.1	23.6	35.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

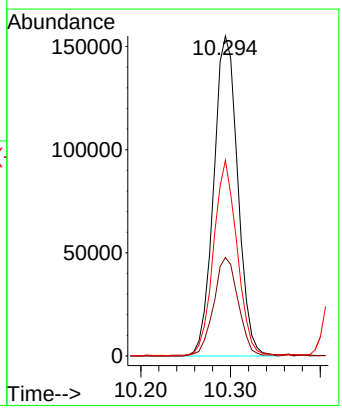
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

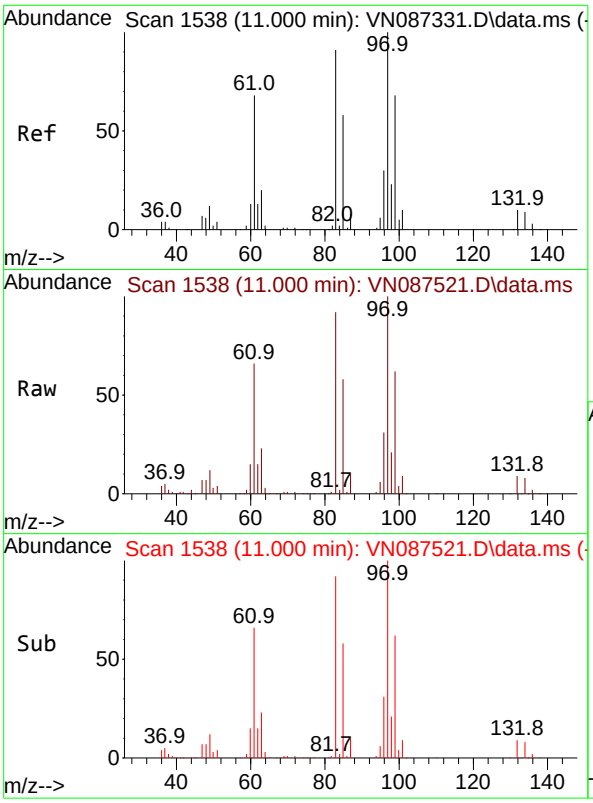


#54
cis-1,3-Dichloropropene
Concen: 47.424 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 288552

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.2	36.2
39	60.9	38.4	57.6#

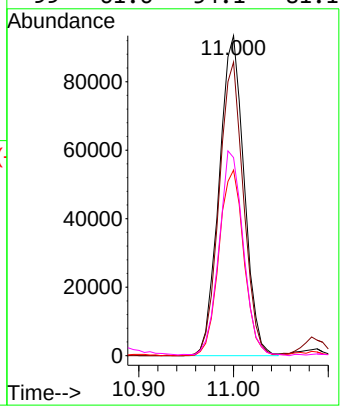




#55
1,1,2-Trichloroethane
Concen: 45.780 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 97 Resp: 17110

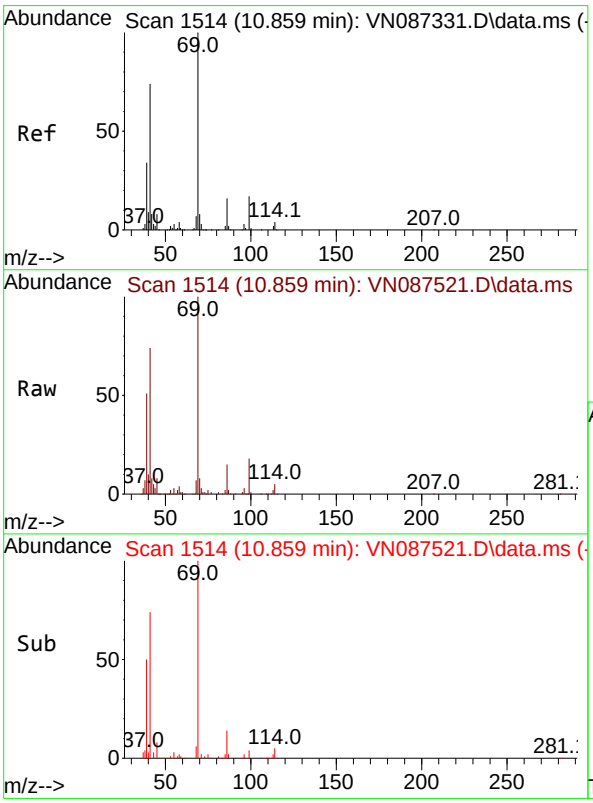
Ion	Ratio	Lower	Upper
97	100		
83	91.8	72.6	109.0
85	58.0	46.7	70.1
99	61.6	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

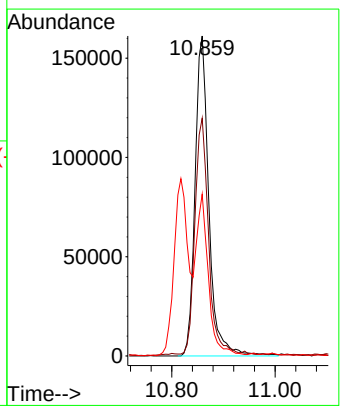
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

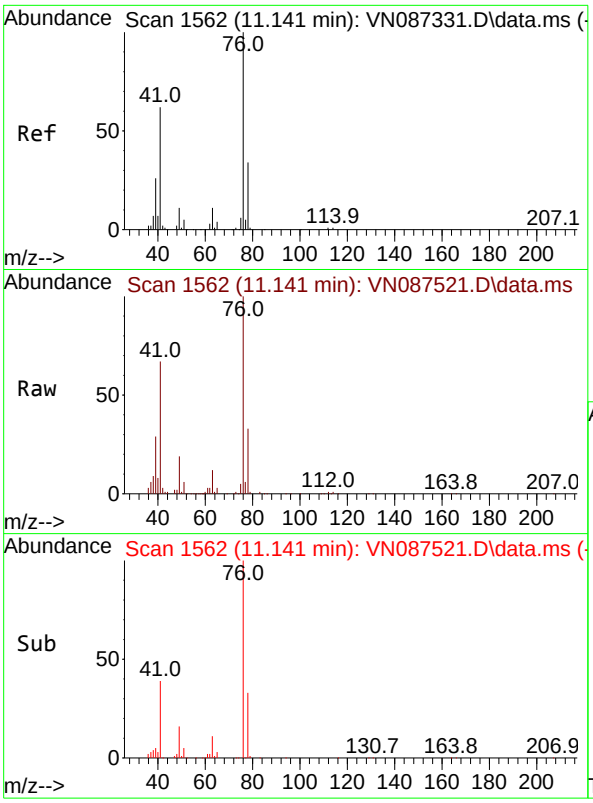


#56
Ethyl methacrylate
Concen: 47.700 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 69 Resp: 299086

Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.1	82.7
39	42.6	27.9	41.9#

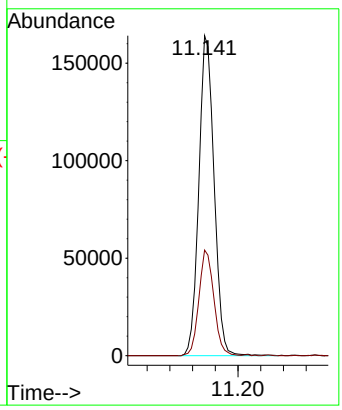




#57
1,3-Dichloropropane
Concen: 47.392 ug/l
RT: 11.141 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 76 Resp: 30625

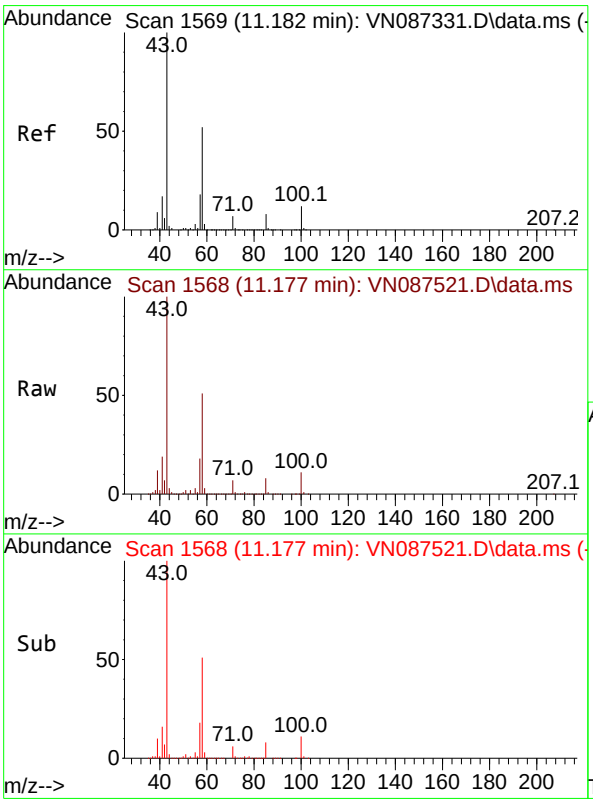
Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

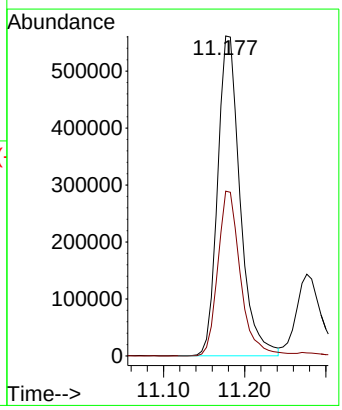
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

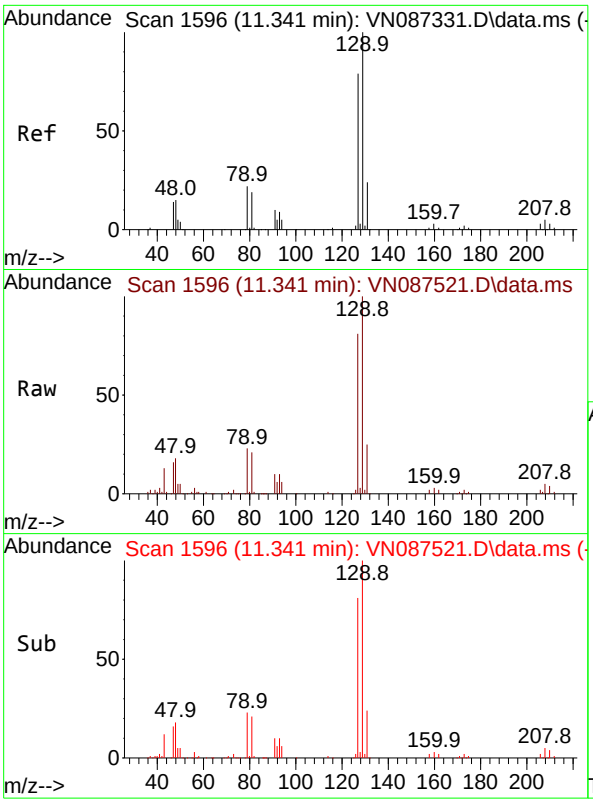


#59
2-Hexanone
Concen: 244.964 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 1083026

Ion	Ratio	Lower	Upper
43	100		
58	52.0	26.7	80.0

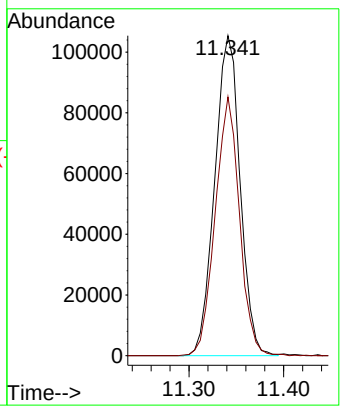




#60
Dibromochloromethane
Concen: 46.174 ug/l
RT: 11.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:129 Resp: 19681

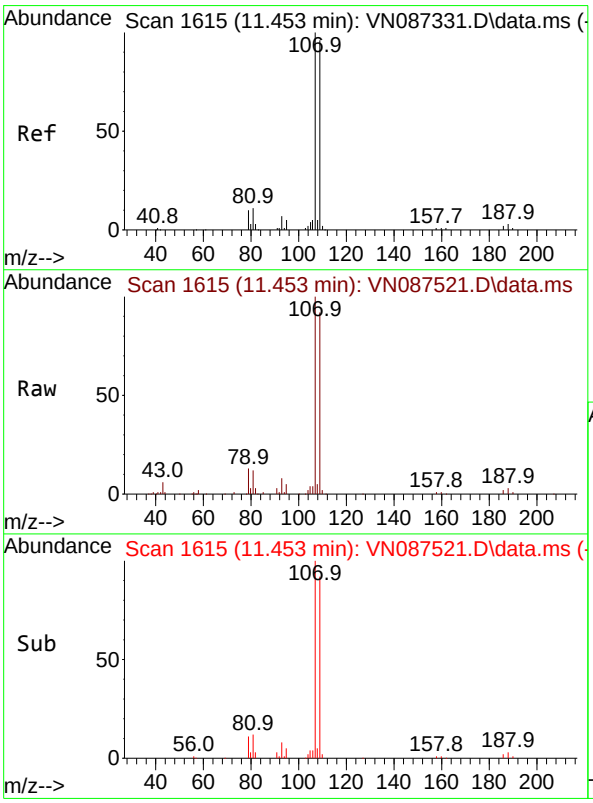
Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.1	117.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

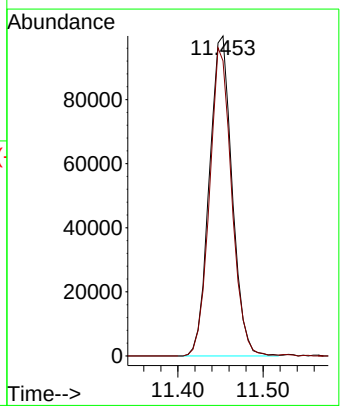
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

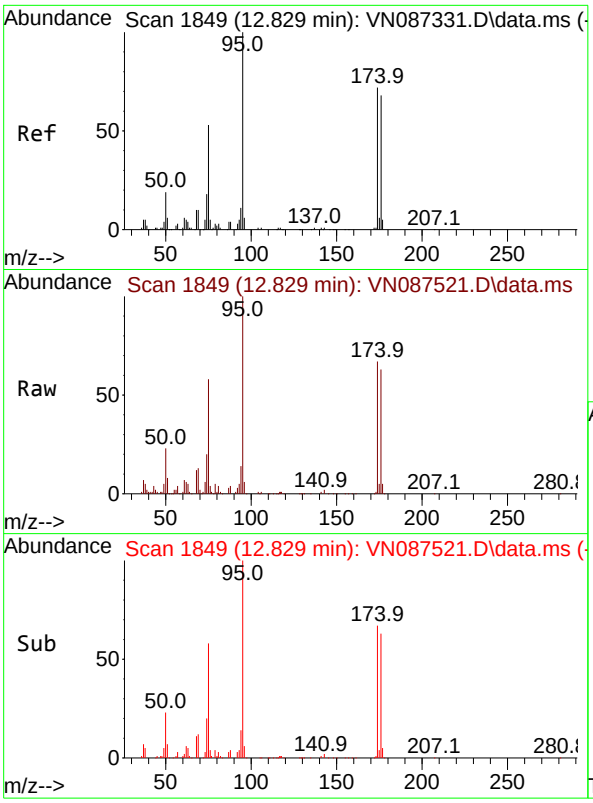


#61
1,2-Dibromoethane
Concen: 47.144 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:107 Resp: 185271

Ion	Ratio	Lower	Upper
107	100		
109	93.5	77.5	116.3

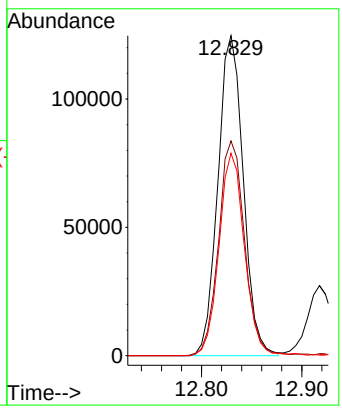




#62
4-Bromofluorobenzene
Concen: 46.780 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 95 Resp: 21929

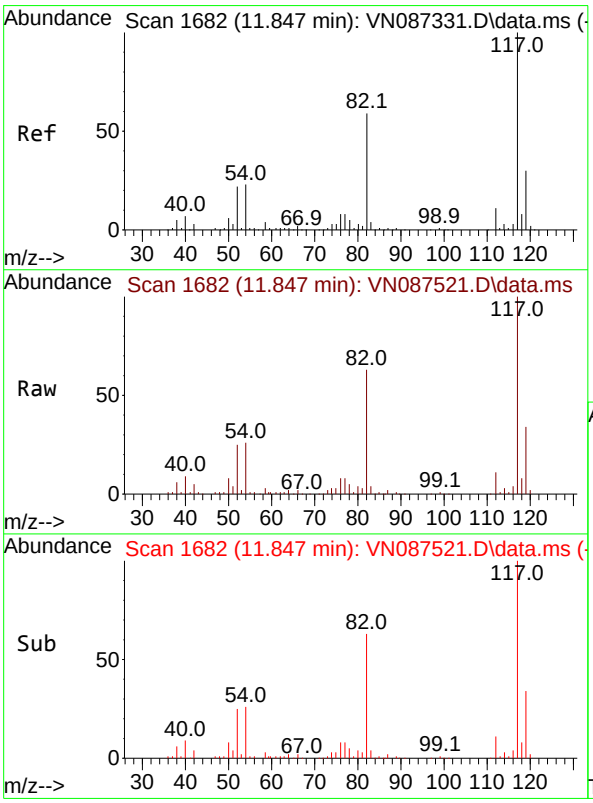
Ion	Ratio	Lower	Upper
95	100		
174	68.6	0.0	149.4
176	63.7	0.0	141.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

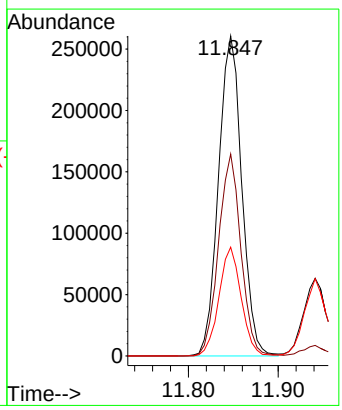
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

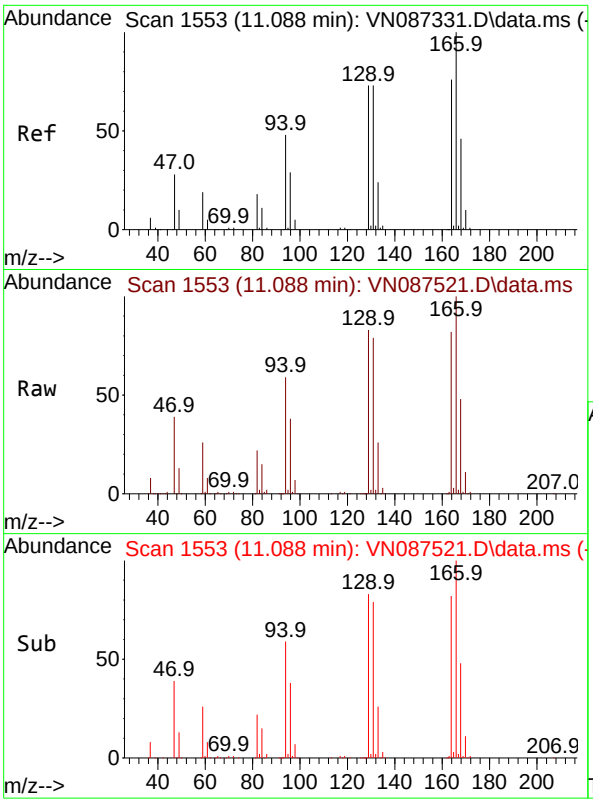


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:117 Resp: 470061

Ion	Ratio	Lower	Upper
117	100		
82	63.1	47.4	71.2
119	34.0	23.8	35.8

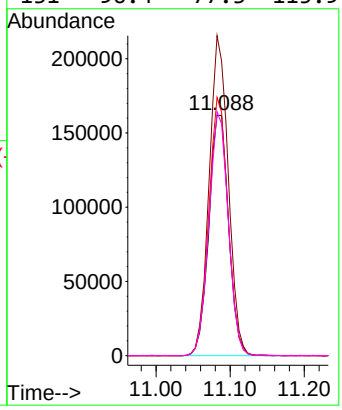




#64
Tetrachloroethene
Concen: 99.220 ug/l
RT: 11.088 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:164 Resp: 30017

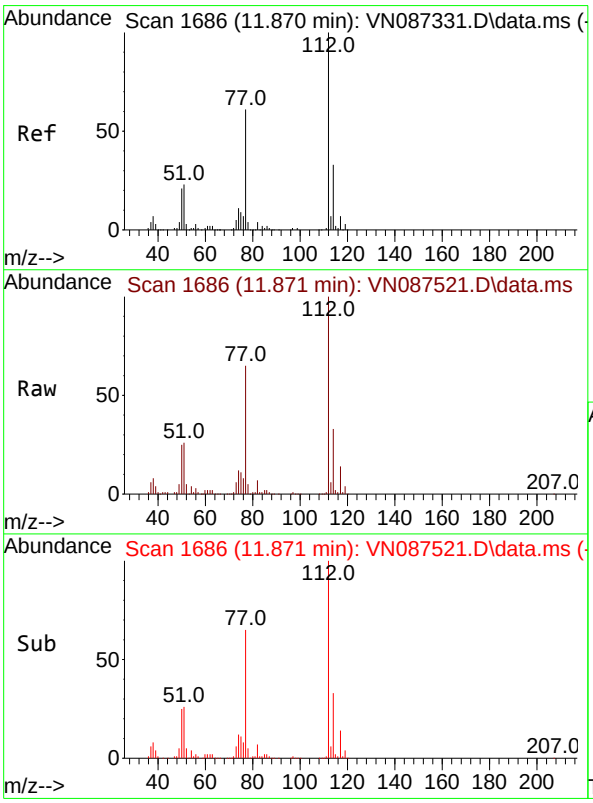
Ion	Ratio	Lower	Upper
164	100		
166	122.6	105.5	158.3
129	101.3	77.4	116.2
131	96.4	77.3	115.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

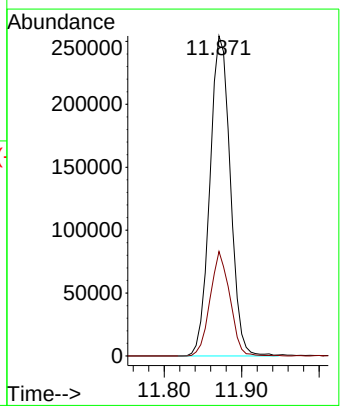
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

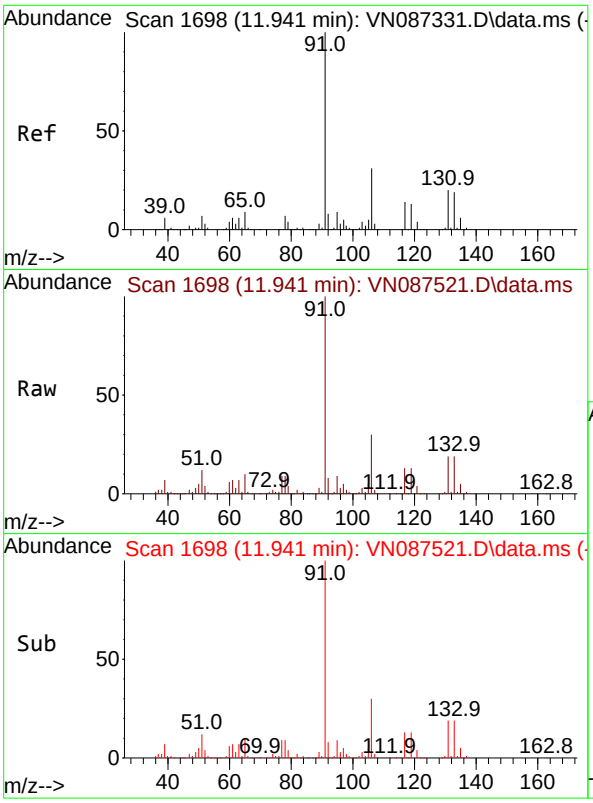


#65
Chlorobenzene
Concen: 44.158 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:112 Resp: 466009

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.5	39.7

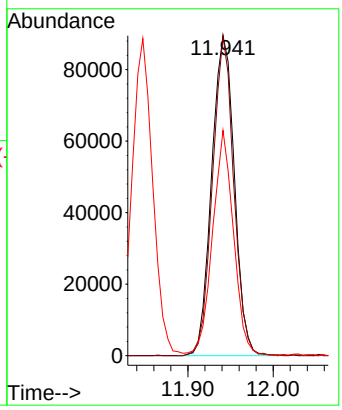




#66
1,1,1,2-Tetrachloroethane
Concen: 46.051 ug/l
RT: 11.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:131 Resp: 16525

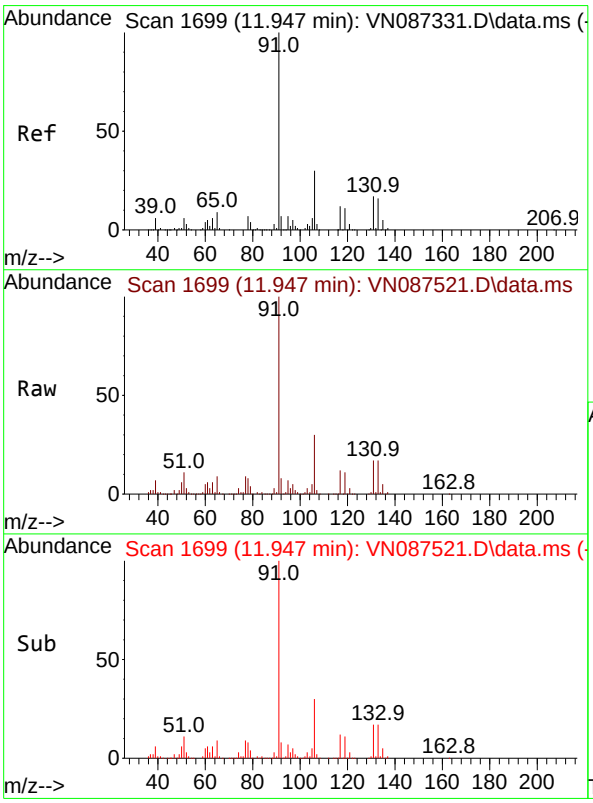
Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.4	142.3
119	65.2	33.1	99.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
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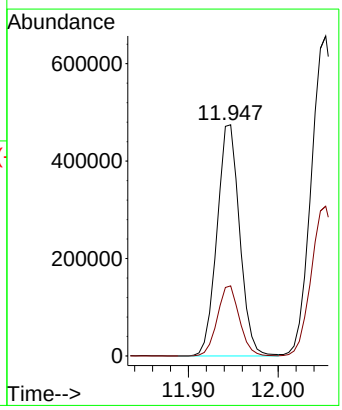
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

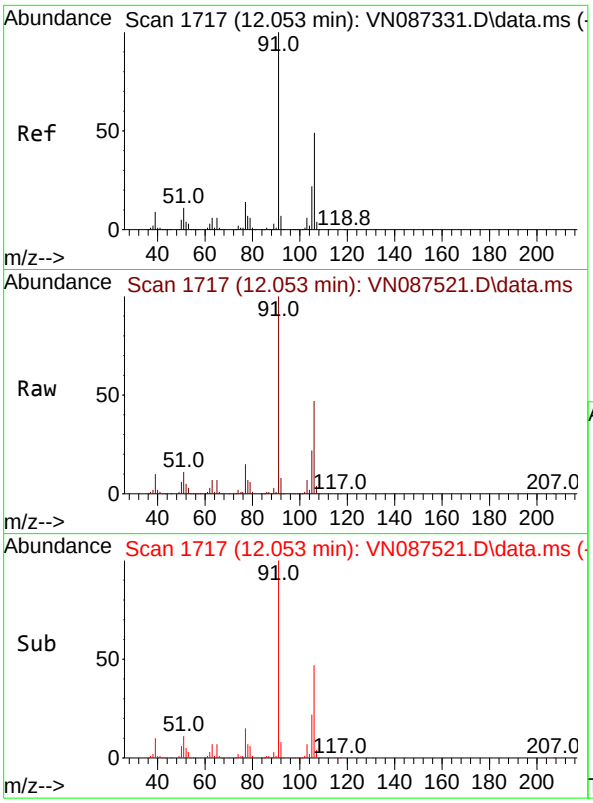


#67
Ethyl Benzene
Concen: 47.889 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 91 Resp: 831992

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

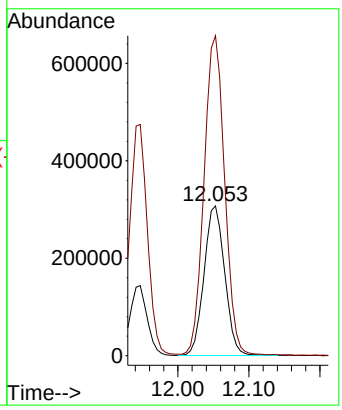




#68
m/p-Xylenes
Concen: 95.540 ug/l
RT: 12.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:106 Resp: 62154

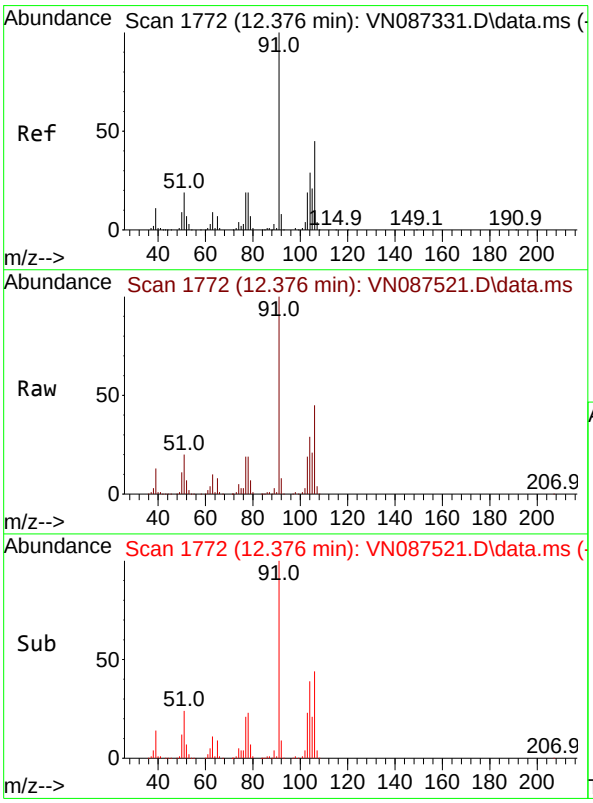
Ion	Ratio	Lower	Upper
106	100		
91	212.0	162.0	243.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

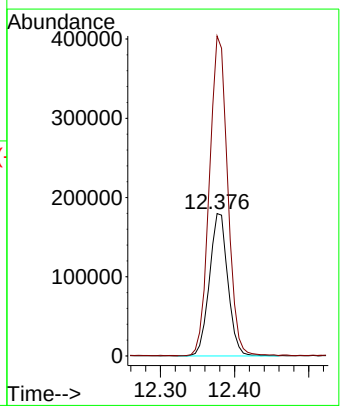
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

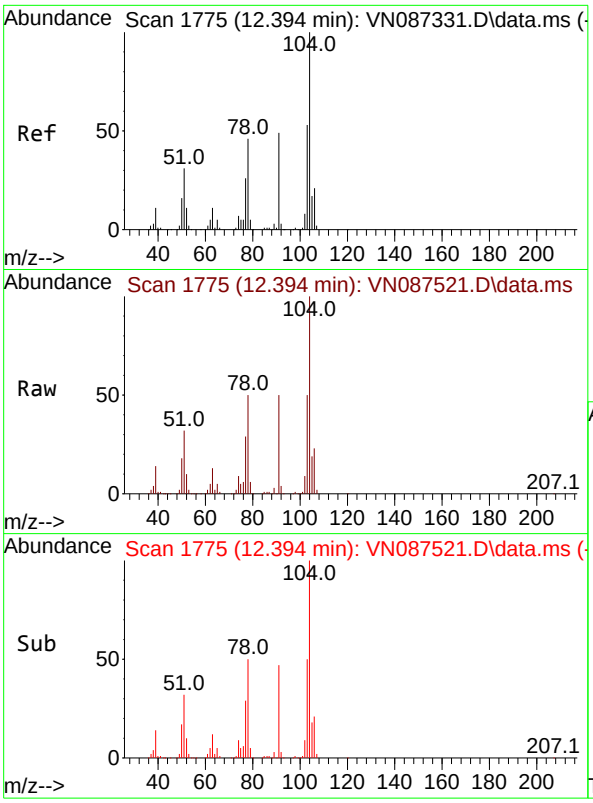


#69
o-Xylene
Concen: 49.873 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:106 Resp: 309926

Ion	Ratio	Lower	Upper
106	100		
91	223.0	107.7	323.3

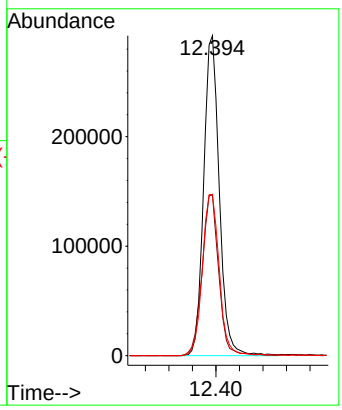




#70
Styrene
Concen: 51.551 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:104 Resp: 53890

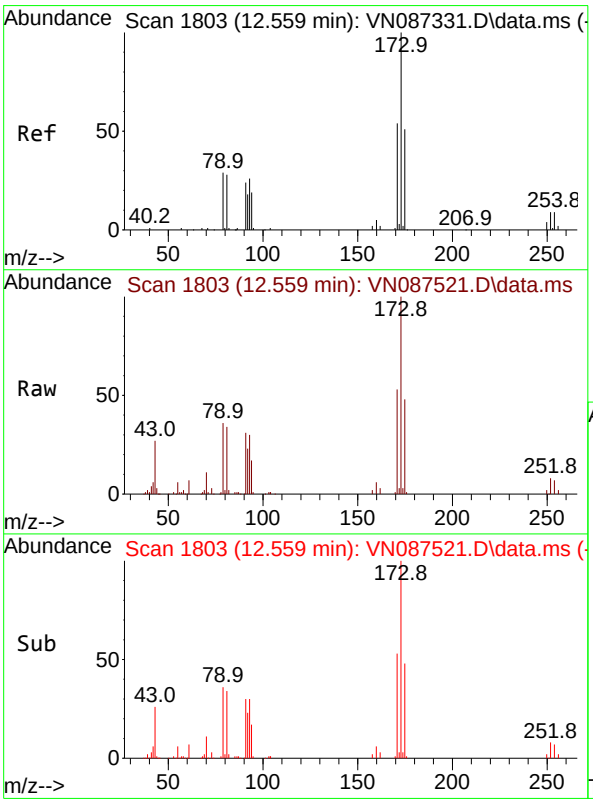
Ion	Ratio	Lower	Upper
104	100		
78	53.4	41.0	61.6
103	54.5	43.9	65.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
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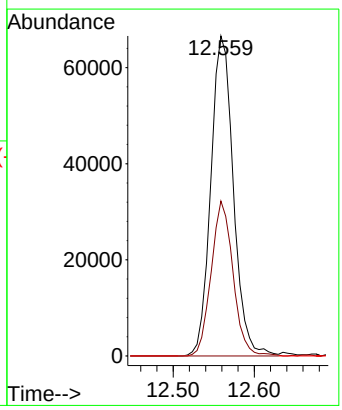
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

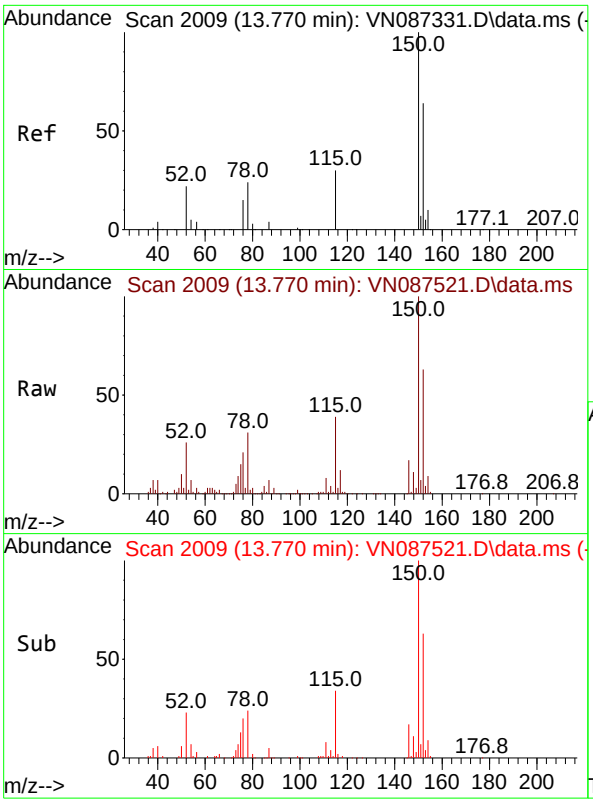


#71
Bromoform
Concen: 44.453 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:173 Resp: 128872

Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.1	72.3
254	0.0	0.0	0.0

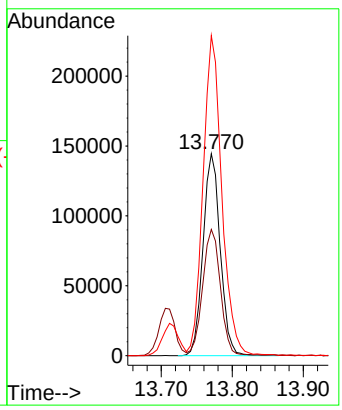




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:152 Resp: 24347

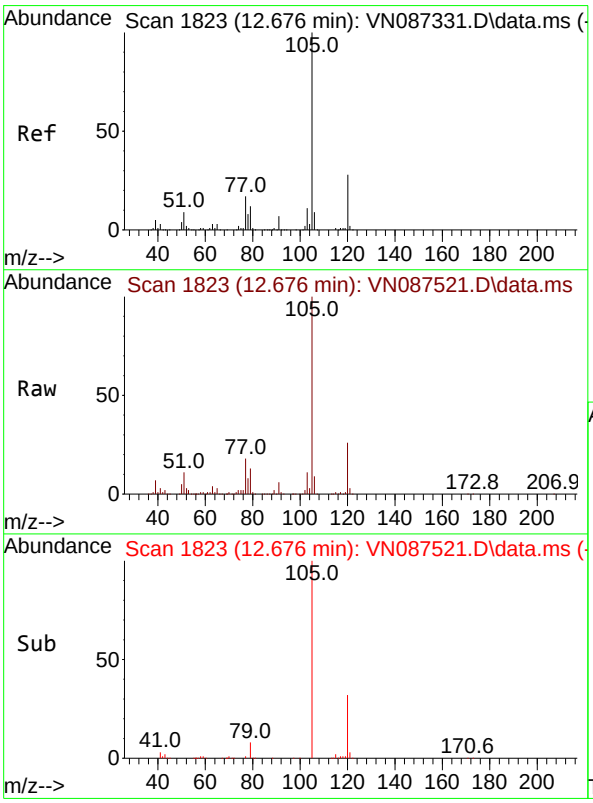
Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.1	93.5
150	172.6	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

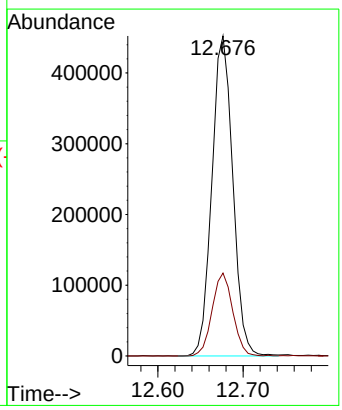
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

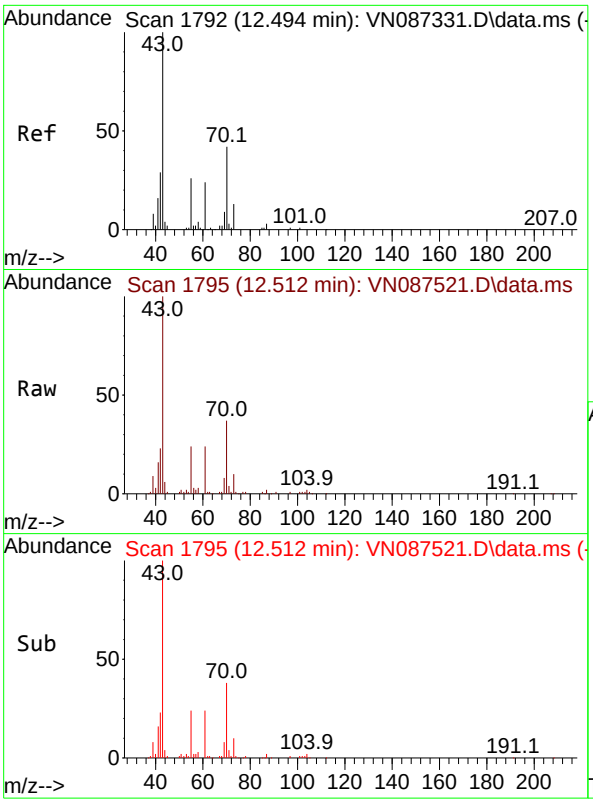


#73
Isopropylbenzene
Concen: 50.373 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:105 Resp: 771901

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.4	40.1

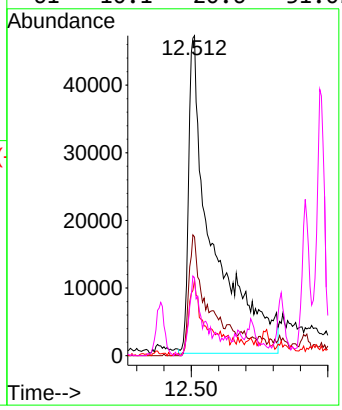




#74
N-amyl acetate
Concen: 45.295 ug/l m
RT: 12.512 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 43 Resp: 28837

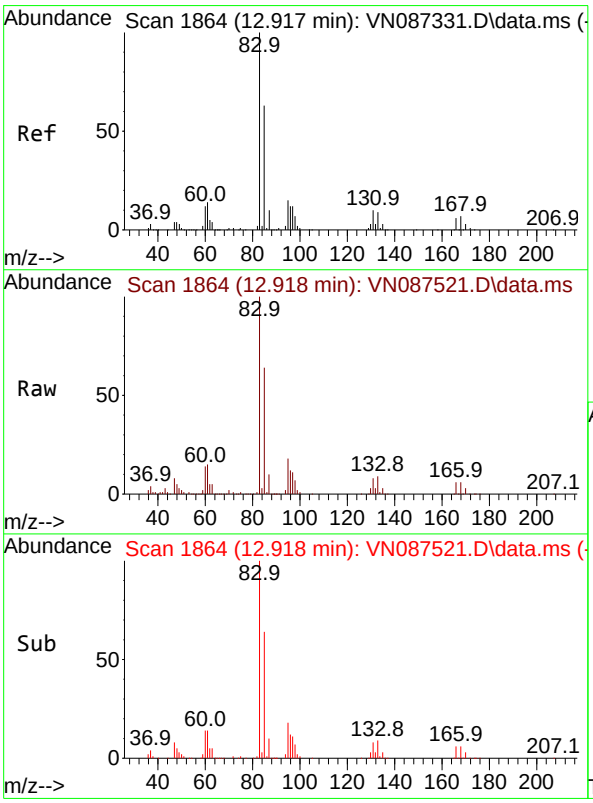
Ion	Ratio	Lower	Upper
43	100		
70	20.7	37.6	56.4#
55	13.8	19.6	29.4#
61	10.1	20.6	31.0#



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

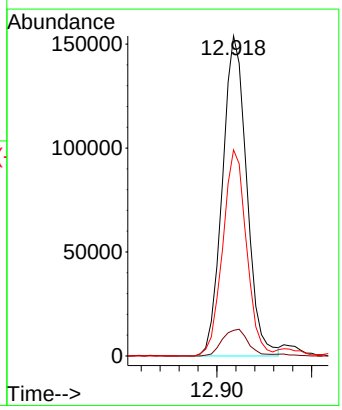
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

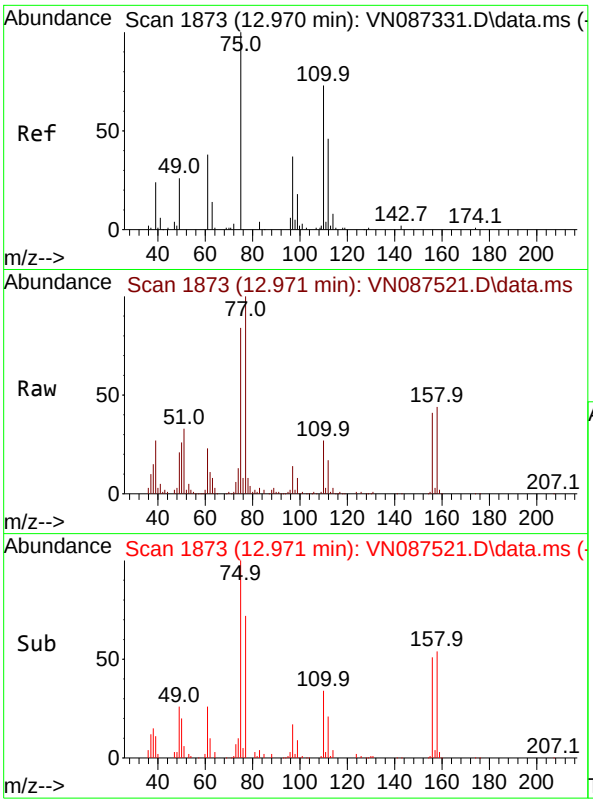


#75
1,1,2,2-Tetrachloroethane
Concen: 47.661 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 83 Resp: 274813

Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.1	15.3
85	62.8	32.5	97.4





#76
1,2,3-Trichloropropane
Concen: 50.040 ug/l m
RT: 12.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

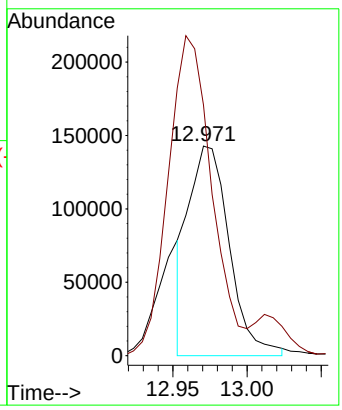
Tgt Ion: 75 Resp: 27319

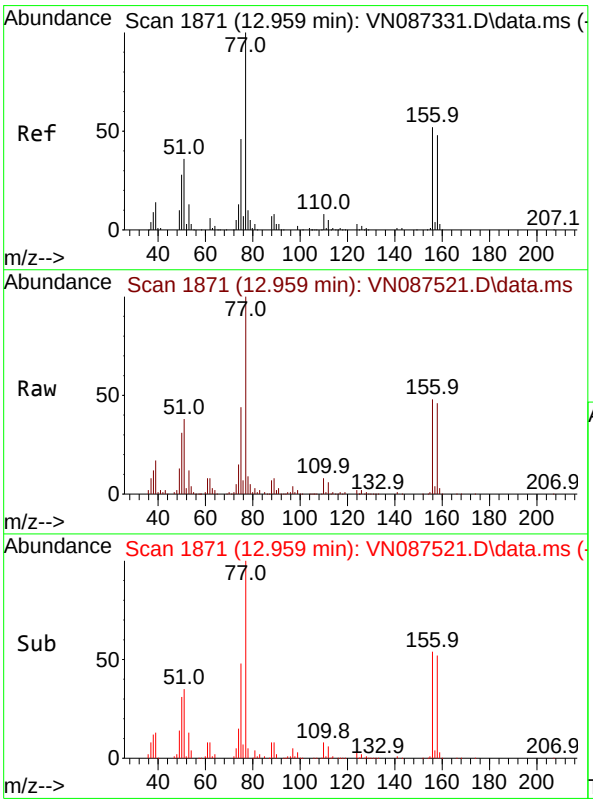
Ion	Ratio	Lower	Upper
75	100		
77	163.1	94.5	283.6

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

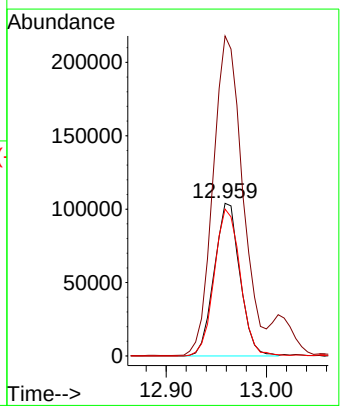


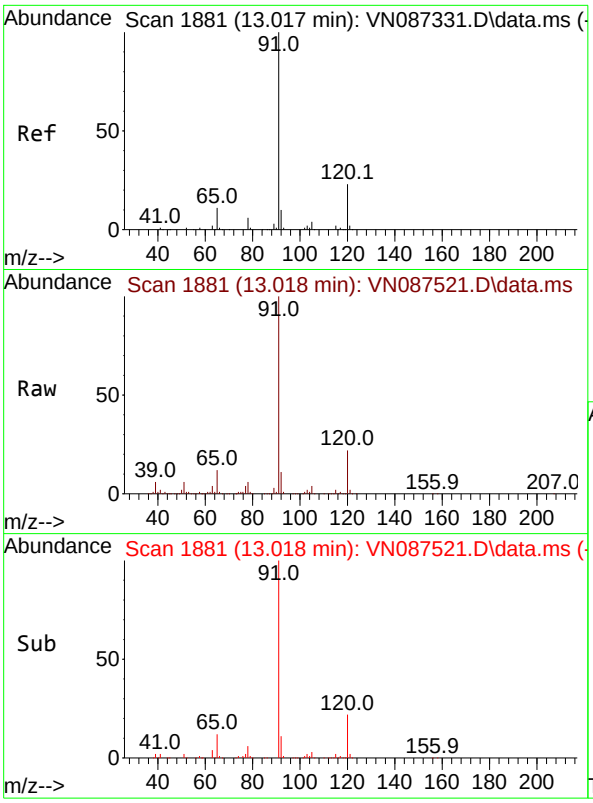


#77
Bromobenzene
Concen: 46.433 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:156 Resp: 184531

Ion	Ratio	Lower	Upper
156	100		
77	241.5	114.9	344.6
158	97.7	48.5	145.5





#78
n-propylbenzene
Concen: 49.518 ug/l
RT: 13.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

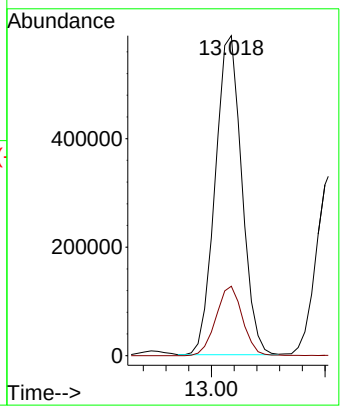
Tgt Ion: 91 Resp: 95468

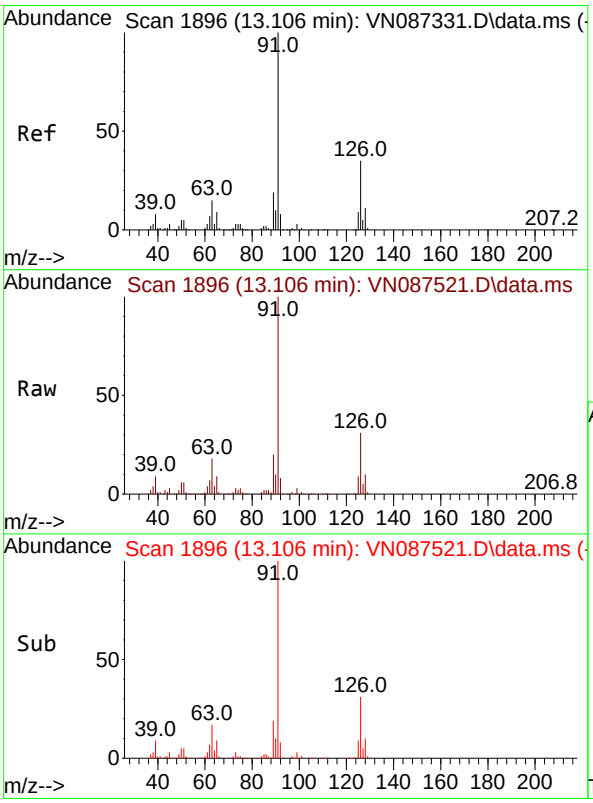
Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.3	33.8

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

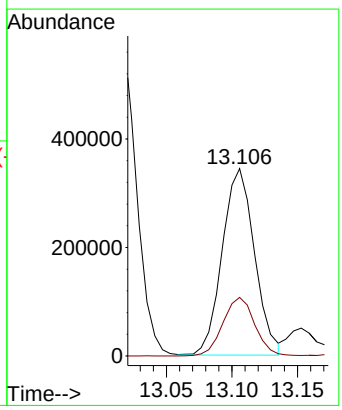


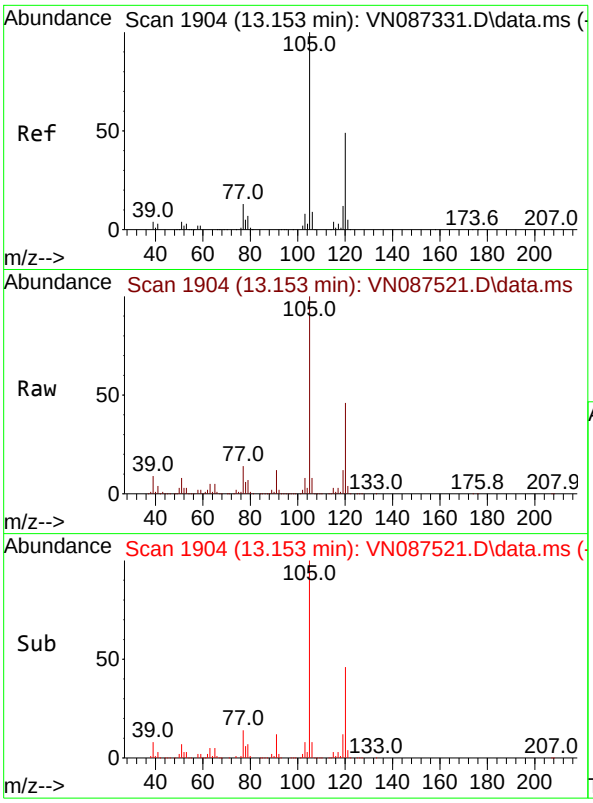


#79
2-Chlorotoluene
Concen: 49.757 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 91 Resp: 589561

Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.9	50.6

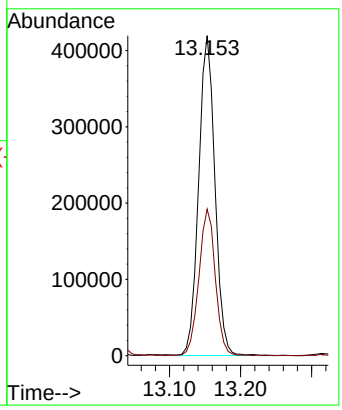




#80
1,3,5-Trimethylbenzene
Concen: 51.167 ug/l
RT: 13.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:105 Resp: 66804

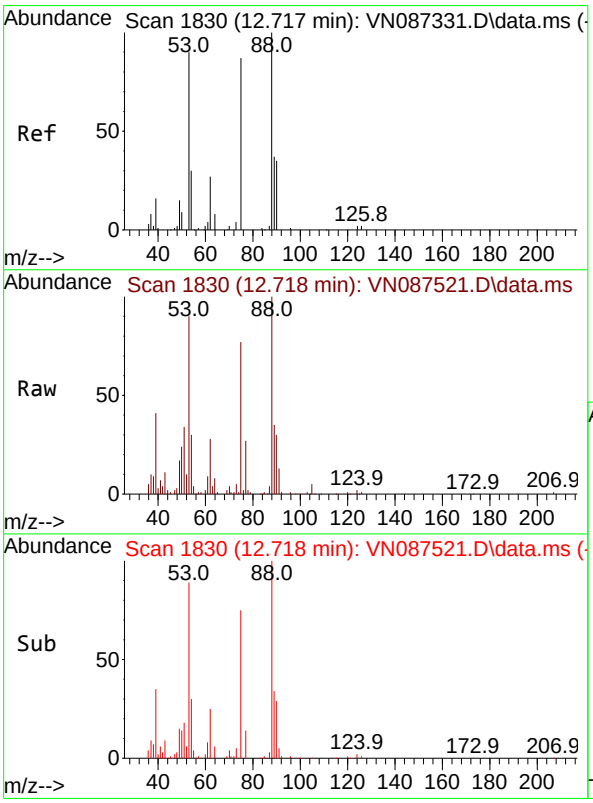
Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.3	72.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

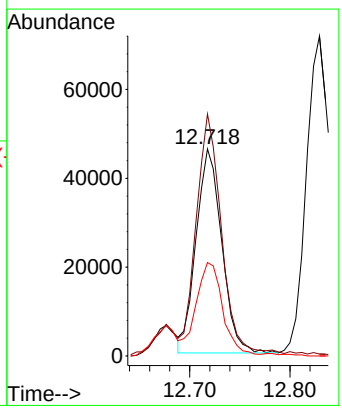
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

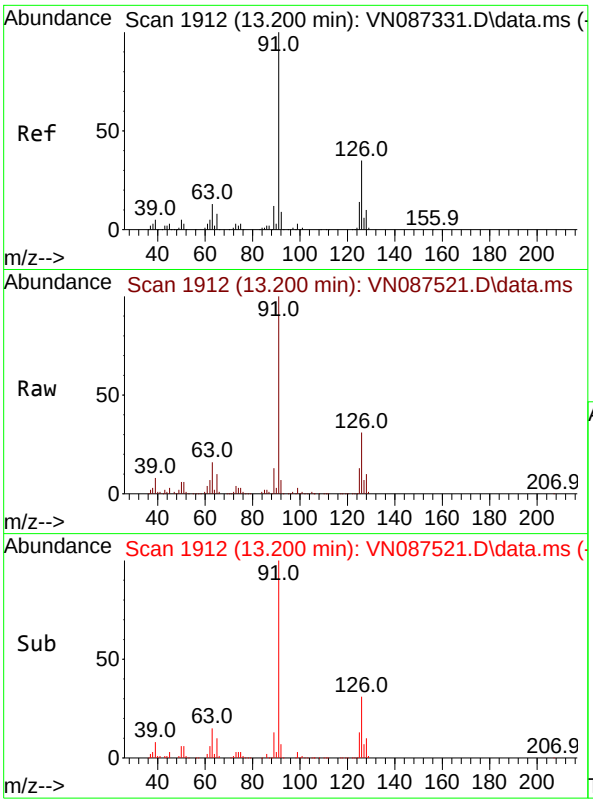


#81
trans-1,4-Dichloro-2-butene
Concen: 40.985 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 81781

Ion	Ratio	Lower	Upper
75	100		
53	114.7	83.5	125.3
89	46.6	38.4	57.6

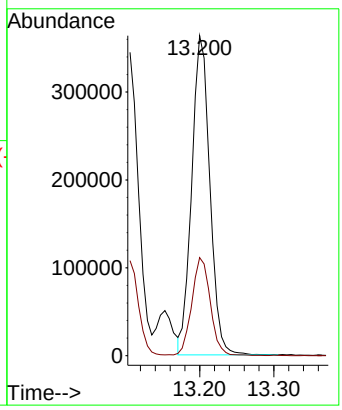




#82
4-Chlorotoluene
Concen: 49.957 ug/l
RT: 13.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 91 Resp: 61628

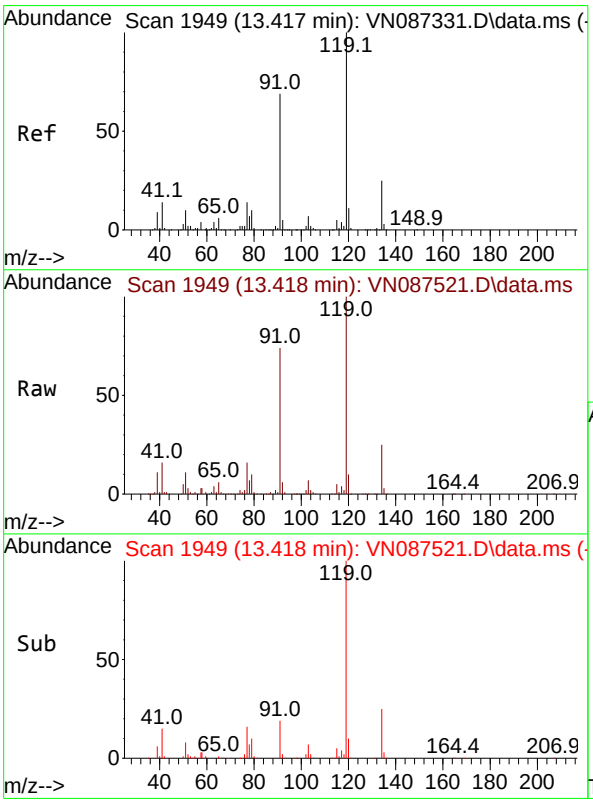
Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.6	49.7



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

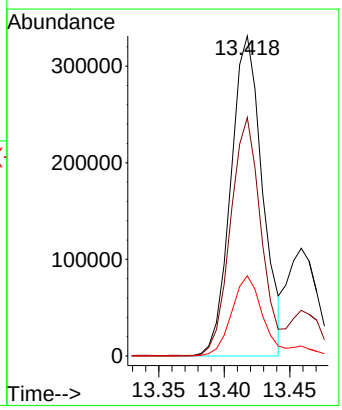
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

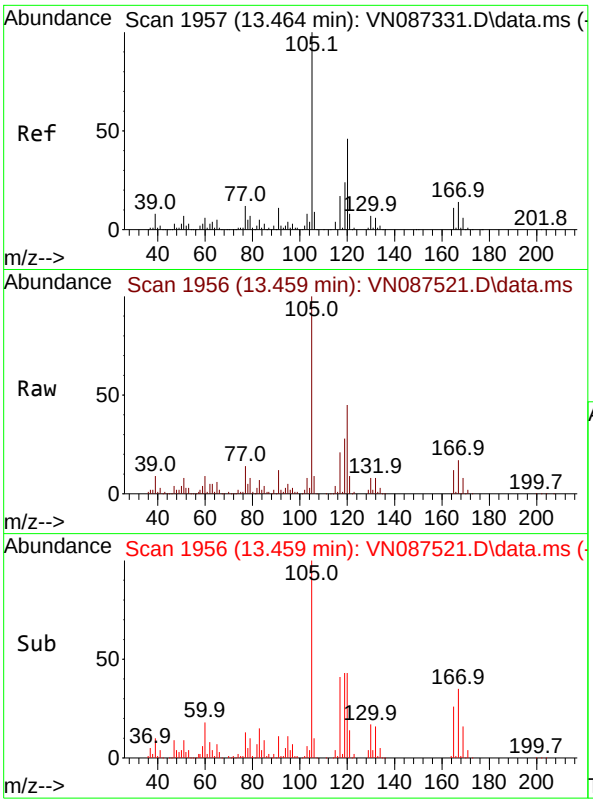


#83
tert-Butylbenzene
Concen: 50.959 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:119 Resp: 555680

Ion	Ratio	Lower	Upper
119	100		
91	73.0	35.0	105.1
134	24.3	12.6	37.6





#84
1,2,4-Trimethylbenzene
Concen: 51.715 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

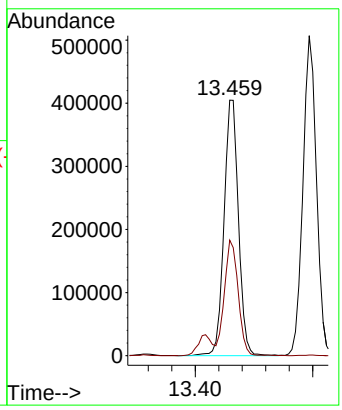
Tgt Ion:105 Resp: 68951

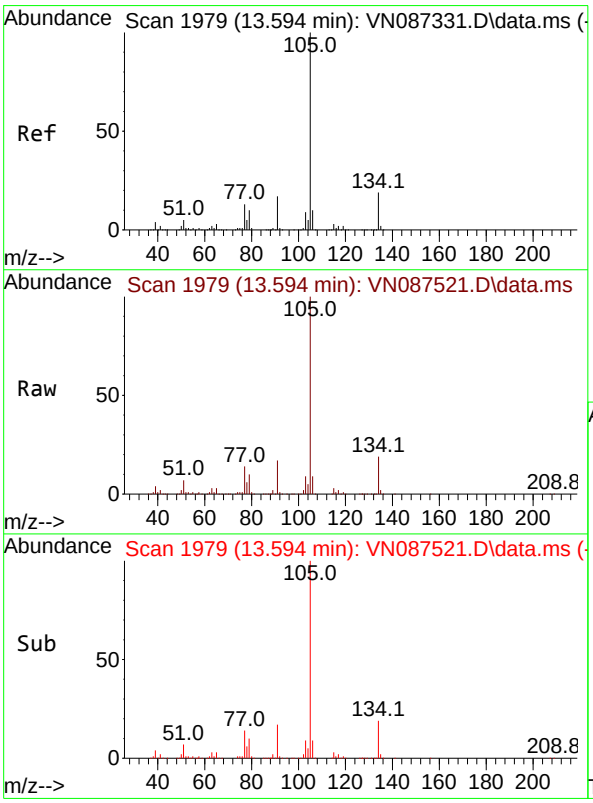
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.8	68.3

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

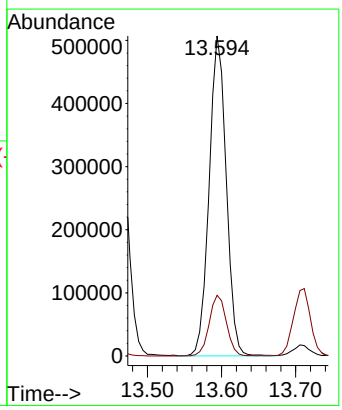


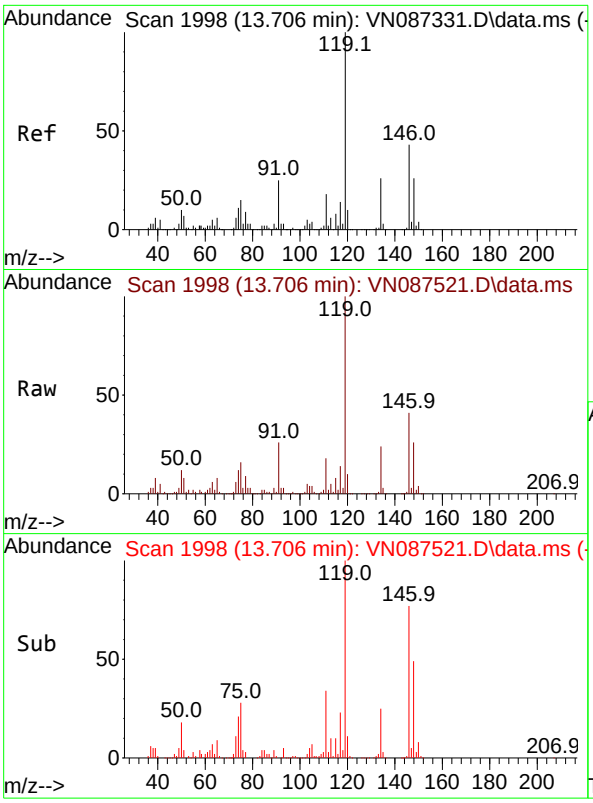


#85
sec-Butylbenzene
Concen: 49.393 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:105 Resp: 811282

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.4

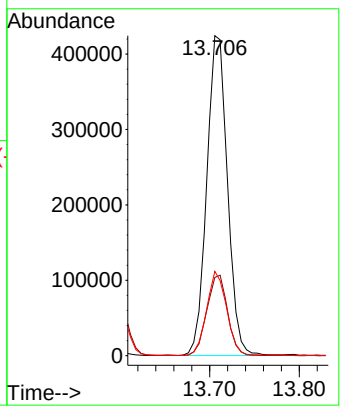




#86
p-Isopropyltoluene
Concen: 51.645 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:119 Resp: 67980

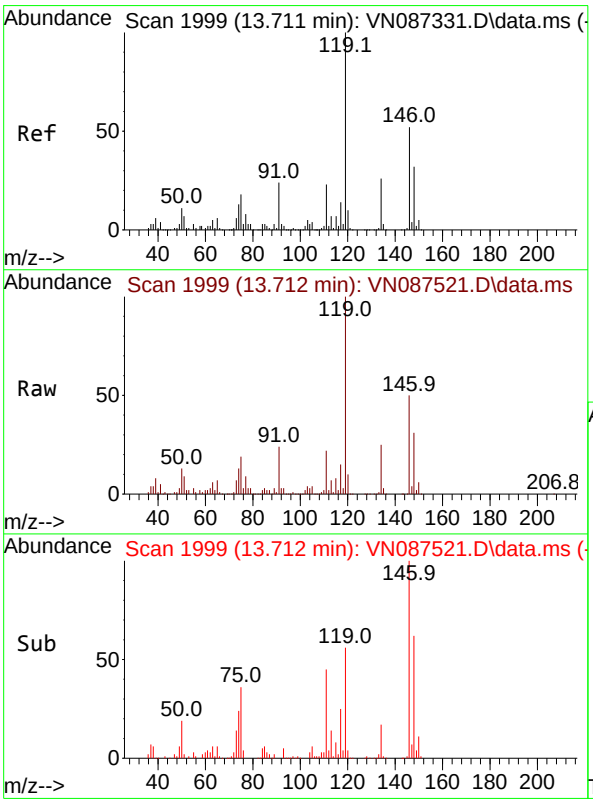
Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.5	40.5
91	25.4	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

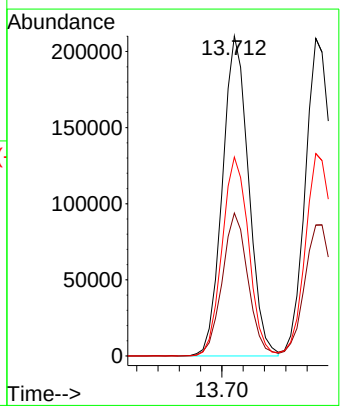
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

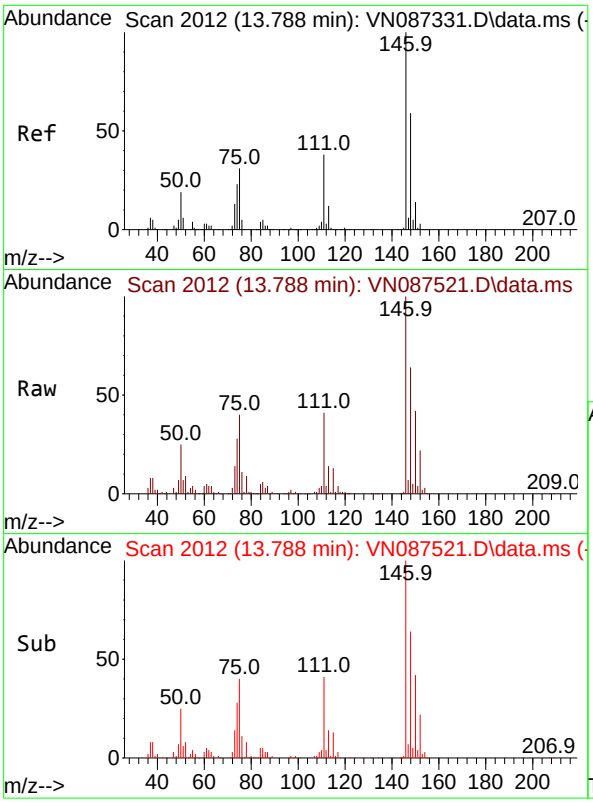


#87
1,3-Dichlorobenzene
Concen: 45.929 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:146 Resp: 358227

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.4	64.3
148	63.0	31.6	95.0

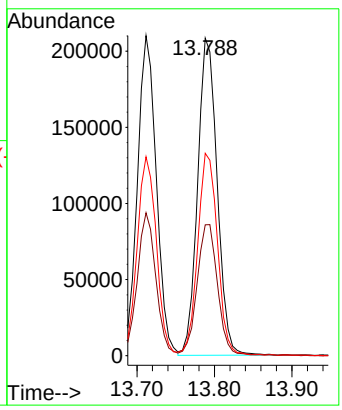




#88
1,4-Dichlorobenzene
Concen: 43.798 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:146 Resp: 36484

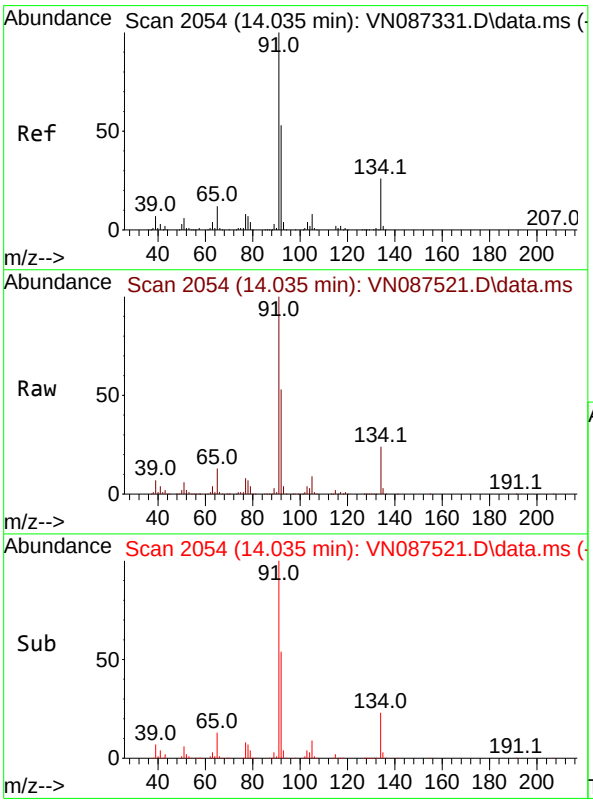
Ion	Ratio	Lower	Upper
146	100		
111	43.4	19.6	58.7
148	64.3	31.4	94.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

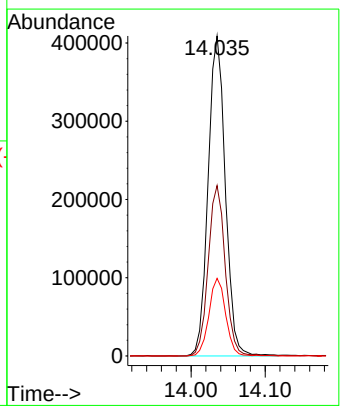
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

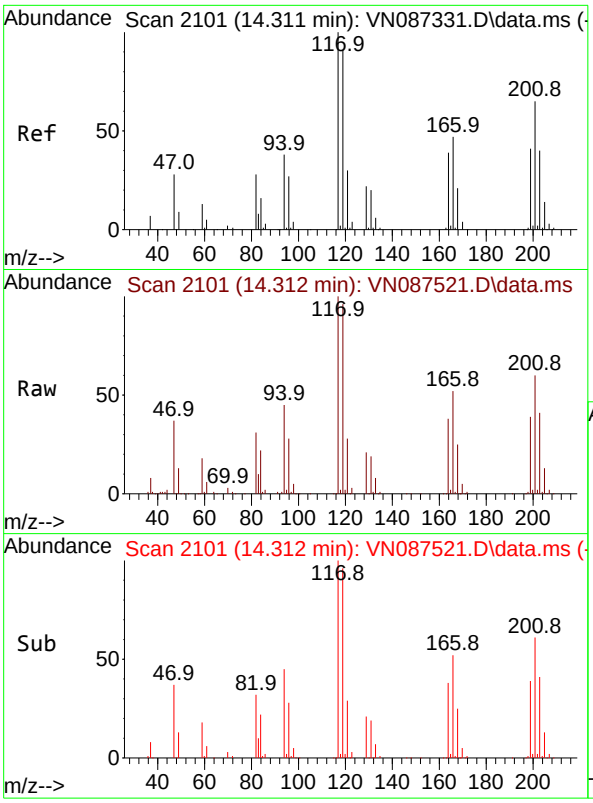


#89
n-Butylbenzene
Concen: 52.418 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 91 Resp: 658845

Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.6
134	23.7	12.4	37.2





#90
Hexachloroethane
Concen: 46.098 ug/l
RT: 14.312 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

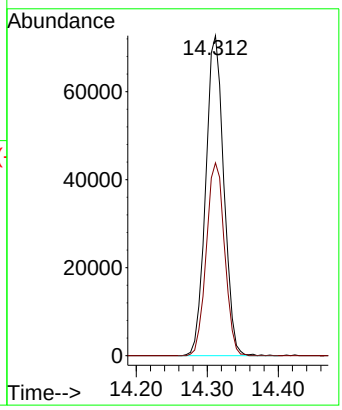
Tgt Ion:117 Resp: 12856

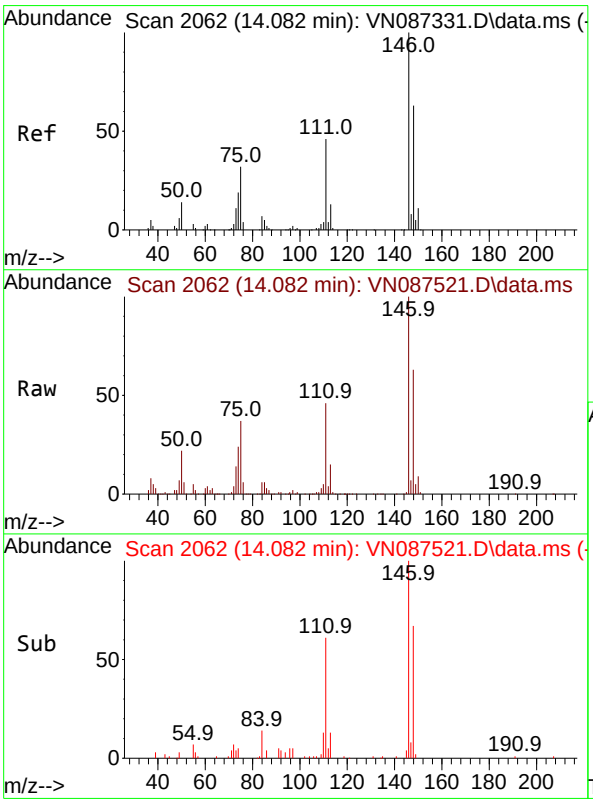
Ion	Ratio	Lower	Upper
117	100		
201	60.8	32.8	98.4

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

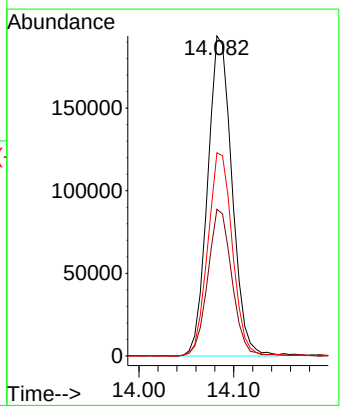


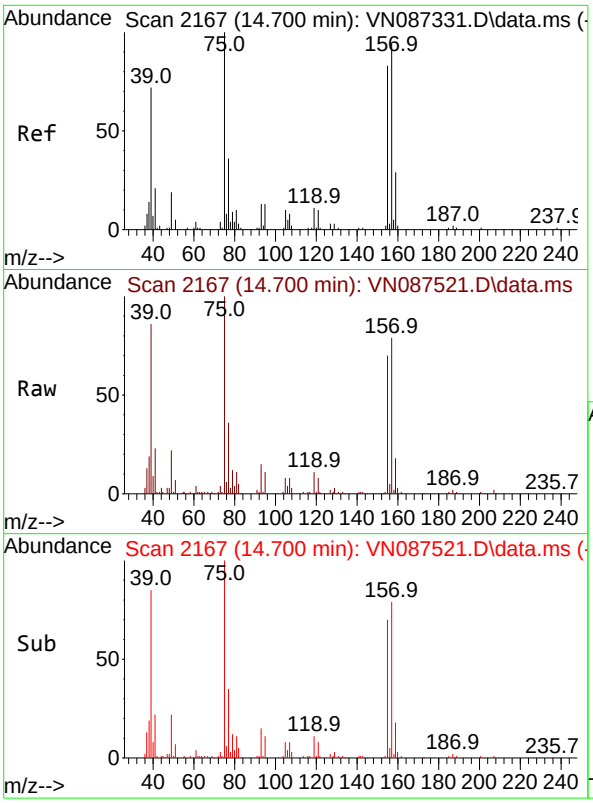


#91
1,2-Dichlorobenzene
Concen: 46.887 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:146 Resp: 346446

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.0	66.0
148	64.0	32.7	98.1

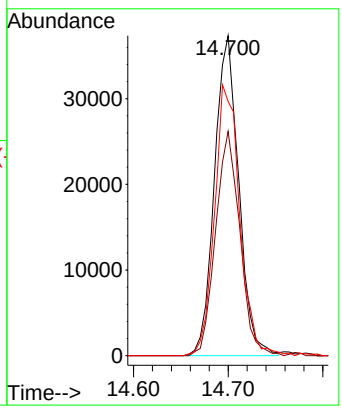




#92
1,2-Dibromo-3-Chloropropane
Concen: 43.976 ug/l
RT: 14.700 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion: 75 Resp: 6657

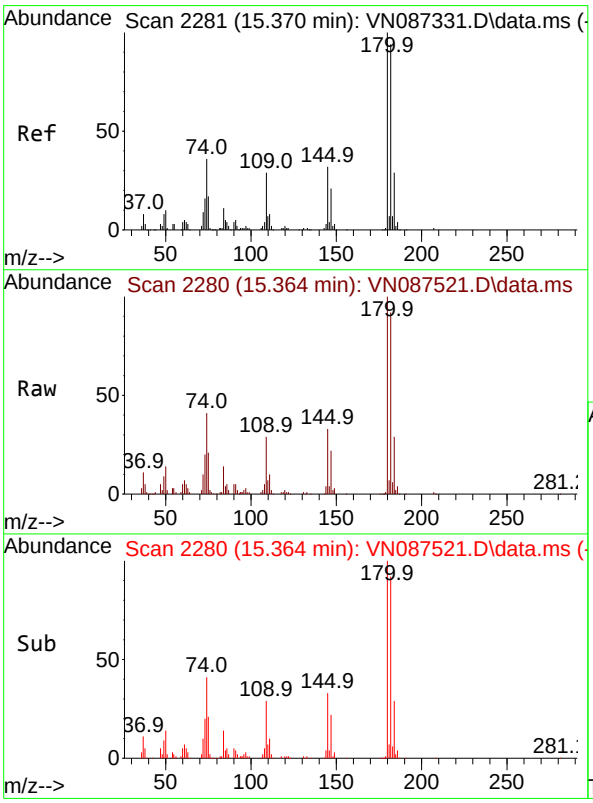
Ion	Ratio	Lower	Upper
75	100		
155	69.9	37.3	111.8
157	87.6	46.2	138.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

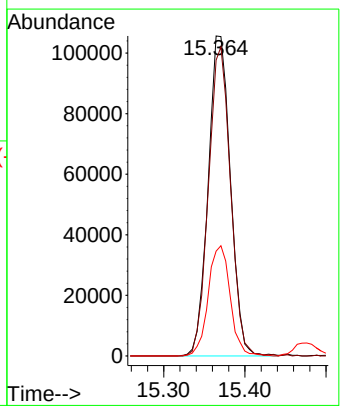
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

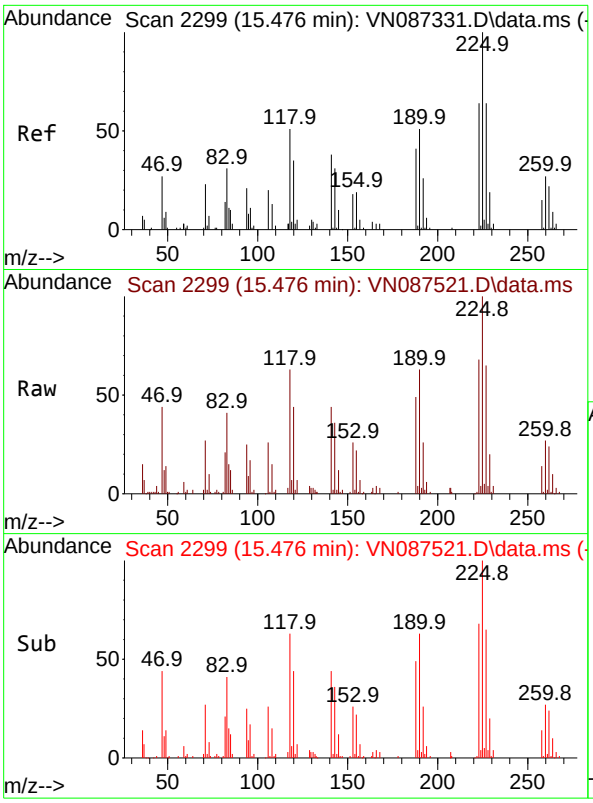


#93
1,2,4-Trichlorobenzene
Concen: 46.423 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:180 Resp: 201492

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	33.9	15.4	46.4

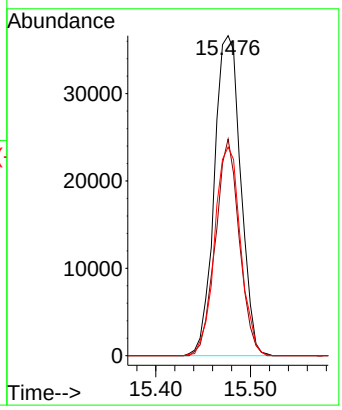




#94
Hexachlorobutadiene
Concen: 43.819 ug/l
RT: 15.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:225 Resp: 7067

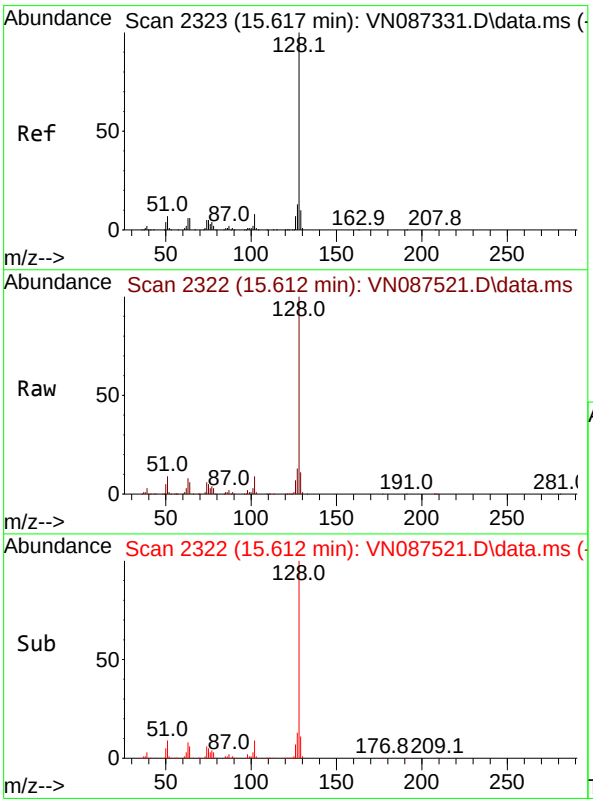
Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.1	96.3
227	64.1	31.3	93.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

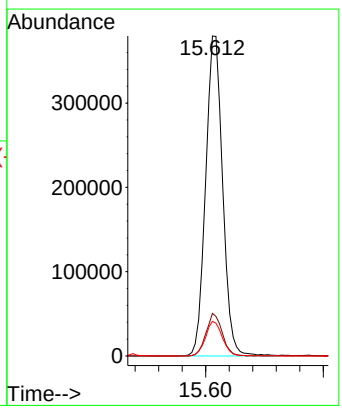
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

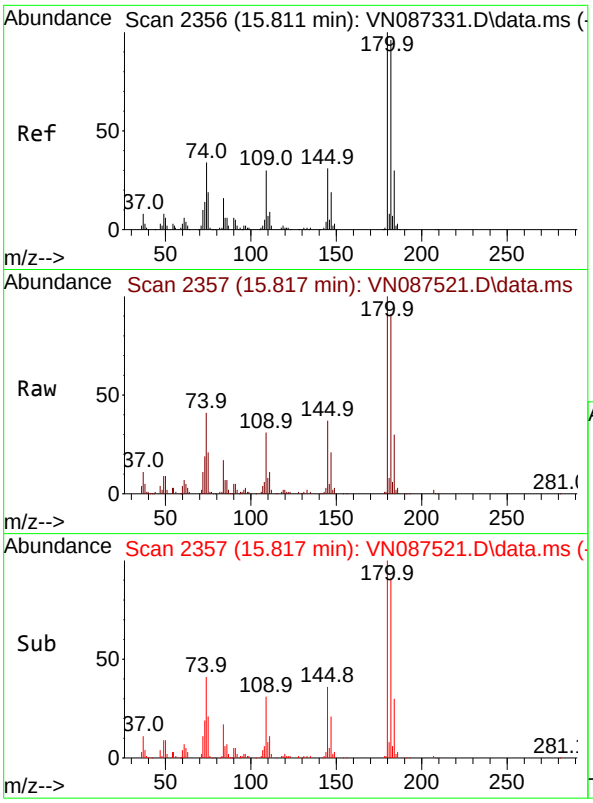


#95
Naphthalene
Concen: 49.527 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:128 Resp: 761537

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.7	8.4	12.6

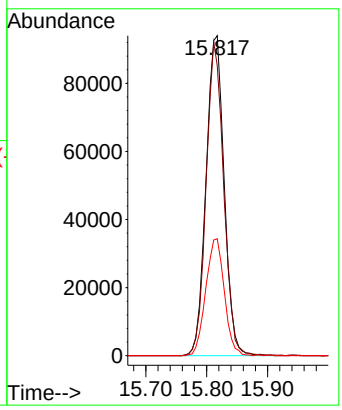




#96
1,2,3-Trichlorobenzene
Concen: 44.698 ug/l
RT: 15.817 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087521.D
Acq: 12 Aug 2025 17:41

Tgt Ion:180 Resp: 19460

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	37.5	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MSD	SDG No.:	Q2816
Lab Sample ID:	Q2816-04MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087522.D	1	08/12/25 18:02	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	60.2		0.22	1.00	ug/L
74-87-3	Chloromethane	50.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	58.9		0.26	1.00	ug/L
74-83-9	Bromomethane	58.2		1.40	5.00	ug/L
75-00-3	Chloroethane	57.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	53.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	53.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	52.7		0.23	1.00	ug/L
67-64-1	Acetone	290		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	50.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	63.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	57.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	56.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	53.3		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	55.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	51.7		1.50	5.00	ug/L
78-93-3	2-Butanone	290		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	49.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	86.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	56.4		0.22	1.00	ug/L
67-66-3	Chloroform	58.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	56.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	53.2		0.16	1.00	ug/L
71-43-2	Benzene	51.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	55.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	76.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	52.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	53.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	5.00	ug/L
108-88-3	Toluene	53.2		0.14	1.00	ug/L

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Report of Analysis

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MSD	SDG No.:	Q2816
Lab Sample ID:	Q2816-04MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087522.D	1	08/12/25 18:02	VN081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	56.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	54.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	53.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	290		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	52.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	54.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	100		0.23	1.00	ug/L
108-90-7	Chlorobenzene	50.1		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	54.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	2.00	ug/L
95-47-6	o-Xylene	55.5		0.12	1.00	ug/L
100-42-5	Styrene	57.4		0.15	1.00	ug/L
75-25-2	Bromoform	49.7		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	58.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	54.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	52.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	50.7		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	53.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	52.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	53.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		75 - 124	90%	SPK: 50
2037-26-5	Toluene-d8	46.0		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	272000	8.206			
540-36-3	1,4-Difluorobenzene	541000	9.082			
3114-55-4	Chlorobenzene-d5	499000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	251000	13.77			

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

Client:	Day Environmental, Inc.	Date Collected:	08/07/25
Project:	Andrews St Site - NYSDEC E828144	Date Received:	08/11/25
Client Sample ID:	1056-MW-02(23.8)MSD	SDG No.:	Q2816
Lab Sample ID:	Q2816-04MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087522.D	1	08/12/25 18:02	VN081225

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\VN081225\
Data File : VN087522.D
Acq On : 12 Aug 2025 18:02
Operator : JC\MD
Sample : Q2816-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 13 03:09:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	271903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	540888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	499161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	251240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	245947	53.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.620%			
35) Dibromofluoromethane	8.153	113	167175	44.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.620%			
50) Toluene-d8	10.547	98	612676	46.034	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.060%			
62) 4-Bromofluorobenzene	12.829	95	238589	48.523	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	173733	60.158	ug/l	95
3) Chloromethane	2.383	50	183773	50.603	ug/l	96
4) Vinyl Chloride	2.542	62	212398	58.850	ug/l	98
5) Bromomethane	2.971	94	108791	58.209	ug/l	99
6) Chloroethane	3.130	64	134104	56.976	ug/l	97
7) Trichlorofluoromethane	3.512	101	286462	53.677	ug/l	100
8) Diethyl Ether	3.959	74	129108	62.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	146830	53.596	ug/l	97
10) Methyl Iodide	4.583	142	115601	42.028	ug/l	92
11) Tert butyl alcohol	5.524	59	263973	301.330	ug/l	99
12) 1,1-Dichloroethene	4.336	96	163756	52.749	ug/l	90
13) Acrolein	4.177	56	182533	259.637	ug/l	100
14) Allyl chloride	5.012	41	308640	54.935	ug/l	91
15) Acrylonitrile	5.712	53	654692	275.406	ug/l	97
16) Acetone	4.424	43	628645	290.610	ug/l	99
17) Carbon Disulfide	4.700	76	461128	50.101	ug/l #	94
18) Methyl Acetate	5.018	43	310449	57.123	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	720986	63.008	ug/l	95
20) Methylene Chloride	5.271	84	206485	56.550	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	186699	53.336	ug/l	98
22) Diisopropyl ether	6.665	45	728197	61.790	ug/l	98
23) Vinyl Acetate	6.594	43	2851108	276.617	ug/l	99
24) 1,1-Dichloroethane	6.553	63	379298	55.787	ug/l	97
25) 2-Butanone	7.477	43	967327	289.416	ug/l	98
26) 2,2-Dichloropropane	7.477	77	277411	52.479	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	347600	86.252	ug/l	99
28) Bromochloromethane	7.794	49	183551	56.409	ug/l	93
29) Tetrahydrofuran	7.830	42	639413	294.487	ug/l	99
30) Chloroform	7.953	83	398704	58.587	ug/l	100
31) Cyclohexane	8.241	56	293225	51.698	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	335384	56.900	ug/l	98
36) 1,1-Dichloropropene	8.359	75	254821	51.695	ug/l	98
37) Ethyl Acetate	7.553	43	359453	50.491	ug/l	99
38) Carbon Tetrachloride	8.347	117	270552	49.824	ug/l	95
39) Methylcyclohexane	9.582	83	283837	53.185	ug/l	96
40) Benzene	8.588	78	825674	51.826	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087522.D
Acq On : 12 Aug 2025 18:02
Operator : JC\MD
Sample : Q2816-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 13 03:09:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.765	41	212559	57.101	ug/l		96
42) 1,2-Dichloroethane	8.653	62	334621	55.386	ug/l		98
43) Isopropyl Acetate	8.677	43	610974	55.285	ug/l		99
44) Trichloroethene	9.335	130	287786	76.448	ug/l		89
45) 1,2-Dichloropropane	9.606	63	210953	52.112	ug/l		89
46) Dibromomethane	9.694	93	160220	52.862	ug/l		96
47) Bromodichloromethane	9.871	83	326905	53.547	ug/l		98
48) Methyl methacrylate	9.665	41	297061	59.708	ug/l		93
49) 1,4-Dioxane	9.682	88	81036	1063.455	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.429	43	1930608	276.206	ug/l		98
52) Toluene	10.612	92	514896	53.172	ug/l		95
53) t-1,3-Dichloropropene	10.818	75	347935	56.313	ug/l		97
54) cis-1,3-Dichloropropene	10.294	75	350017	54.843	ug/l	#	89
55) 1,1,2-Trichloroethane	11.000	97	209842	53.525	ug/l		94
56) Ethyl methacrylate	10.859	69	364520	55.058	ug/l	#	92
57) 1,3-Dichloropropane	11.147	76	369714	54.544	ug/l		97
59) 2-Hexanone	11.176	43	1345334	290.104	ug/l		98
60) Dibromochloromethane	11.341	129	234854	52.528	ug/l		99
61) 1,2-Dibromoethane	11.447	107	223407	54.197	ug/l		95
64) Tetrachloroethene	11.082	164	322091	100.258	ug/l		93
65) Chlorobenzene	11.870	112	560976	50.058	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.941	131	193390	50.750	ug/l		98
67) Ethyl Benzene	11.941	91	1008847	54.684	ug/l		97
68) m/p-Xylenes	12.053	106	748369	108.328	ug/l		94
69) o-Xylene	12.376	106	366073	55.474	ug/l		93
70) Styrene	12.394	104	637007	57.383	ug/l		98
71) Bromoform	12.559	173	153058	49.718	ug/l	#	98
73) Isopropylbenzene	12.676	105	930692	58.858	ug/l		97
74) N-amyl acetate	12.506	43	350874m	53.408	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.917	83	325703	54.740	ug/l		100
76) 1,2,3-Trichloropropane	12.970	75	286203m	50.801	ug/l		
77) Bromobenzene	12.959	156	222709	54.307	ug/l		95
78) n-propylbenzene	13.017	91	1152341	57.922	ug/l		99
79) 2-Chlorotoluene	13.106	91	705606	57.709	ug/l		95
80) 1,3,5-Trimethylbenzene	13.153	105	808785	60.032	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.717	75	97113	47.164	ug/l		90
82) 4-Chlorotoluene	13.200	91	728948	57.263	ug/l		99
83) tert-Butylbenzene	13.417	119	672878	59.799	ug/l		97
84) 1,2,4-Trimethylbenzene	13.459	105	821538	59.711	ug/l		96
85) sec-Butylbenzene	13.594	105	982242	57.952	ug/l		98
86) p-Isopropyltoluene	13.706	119	816922	60.143	ug/l		97
87) 1,3-Dichlorobenzene	13.712	146	424046	52.687	ug/l		99
88) 1,4-Dichlorobenzene	13.788	146	435622	50.677	ug/l		96
89) n-Butylbenzene	14.035	91	791466	61.023	ug/l		99
90) Hexachloroethane	14.311	117	152855	53.113	ug/l		94
91) 1,2-Dichlorobenzene	14.088	146	411268	53.938	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	82138	52.580	ug/l		96
93) 1,2,4-Trichlorobenzene	15.364	180	248025	55.377	ug/l		99
94) Hexachlorobutadiene	15.476	225	85594	51.432	ug/l		98
95) Naphthalene	15.617	128	916636	57.770	ug/l		99
96) 1,2,3-Trichlorobenzene	15.811	180	238151	53.008	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
Data File : VN087522.D
Acq On : 12 Aug 2025 18:02
Operator : JC\MD
Sample : Q2816-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 13 03:09:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

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

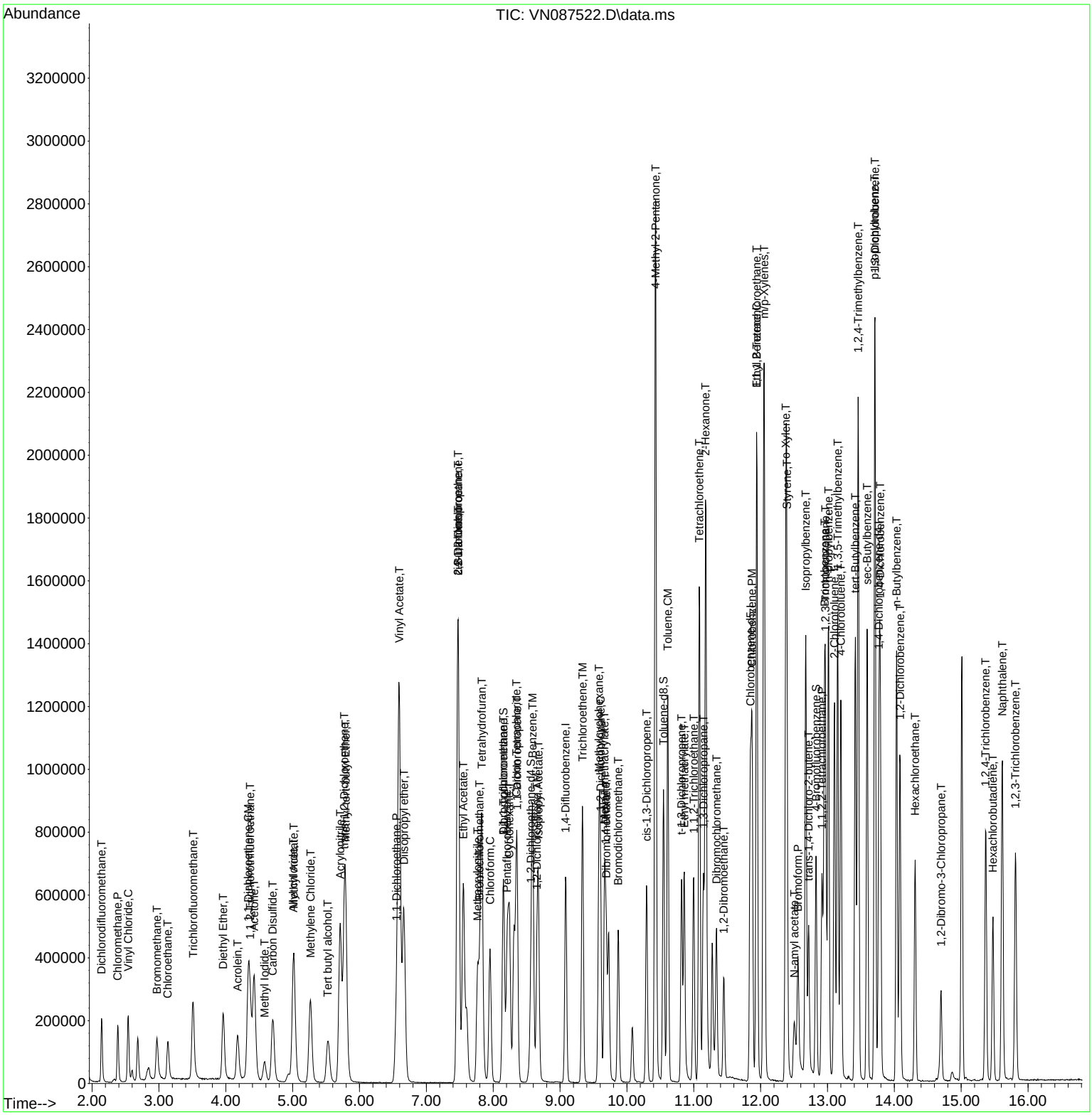
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Data File : VN087522.D
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Operator : JC\MD
Sample : Q2816-04MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

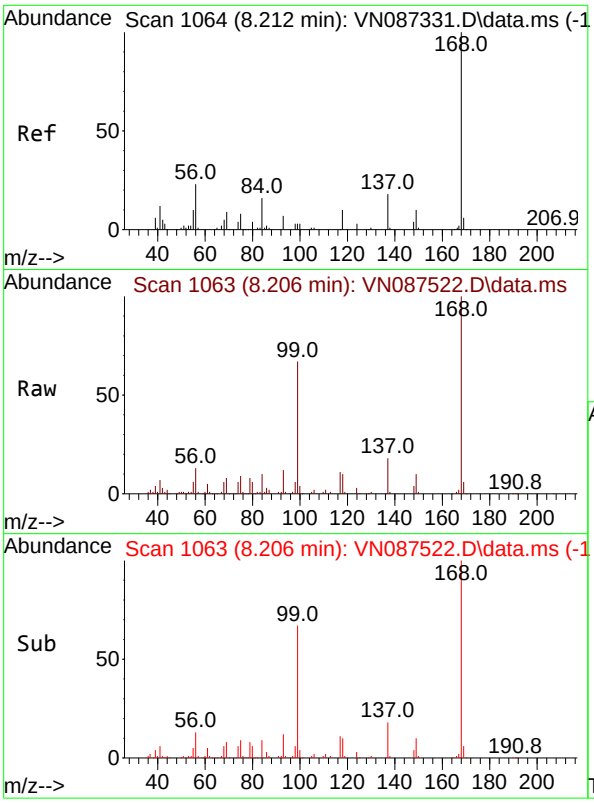
Quant Time: Aug 13 03:09:24 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

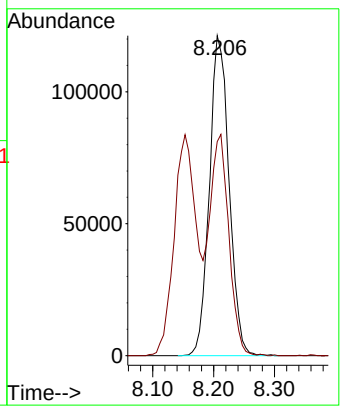
Tgt Ion:168 Resp: 27190

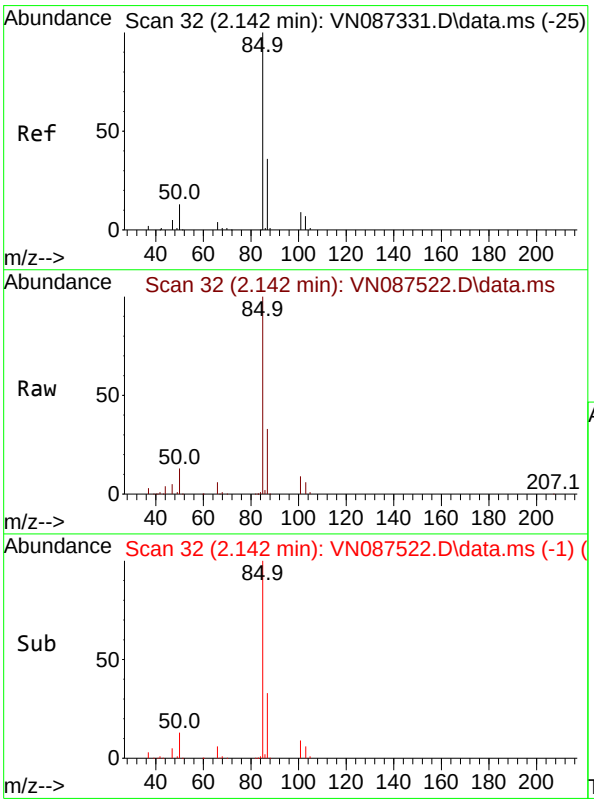
Ion	Ratio	Lower	Upper
168	100		
99	66.9	47.9	71.9

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

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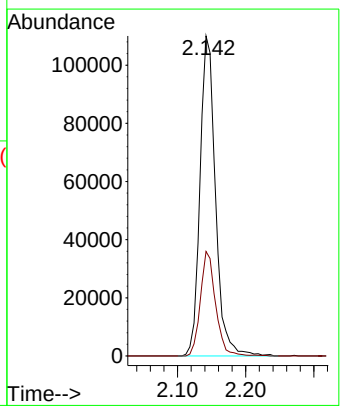


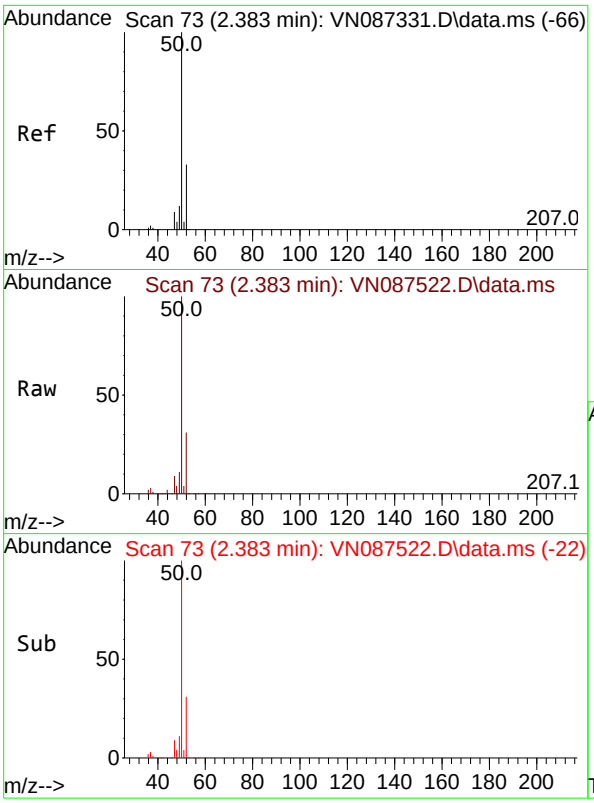


#2
Dichlorodifluoromethane
Concen: 60.158 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 85 Resp: 173733

Ion	Ratio	Lower	Upper
85	100		
87	32.7	17.8	53.3

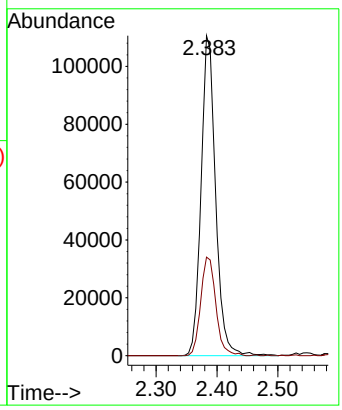




#3
Chloromethane
Concen: 50.603 ug/l
RT: 2.383 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 50 Resp: 18377

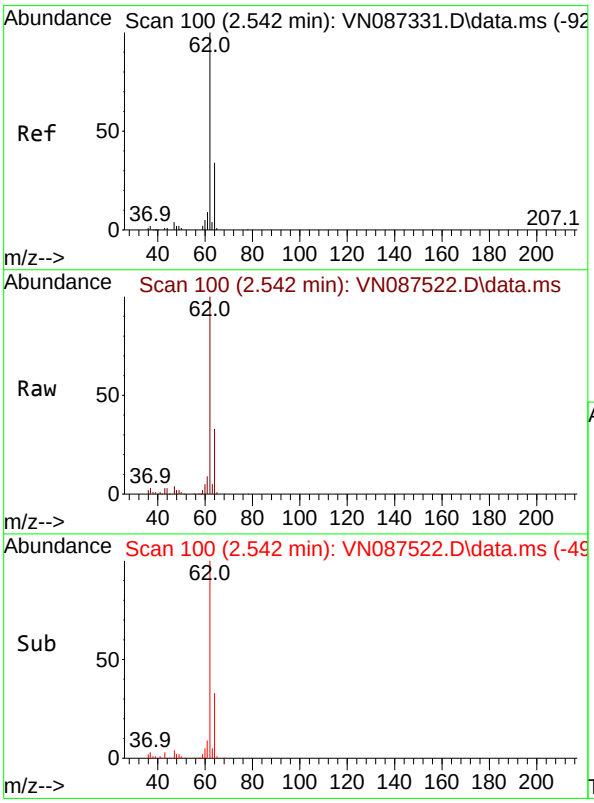
Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

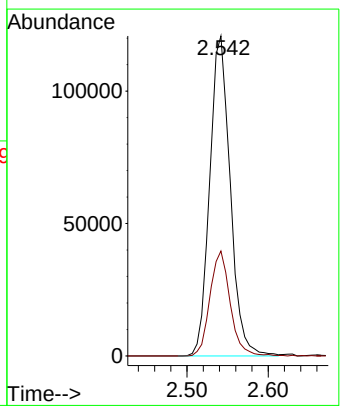
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

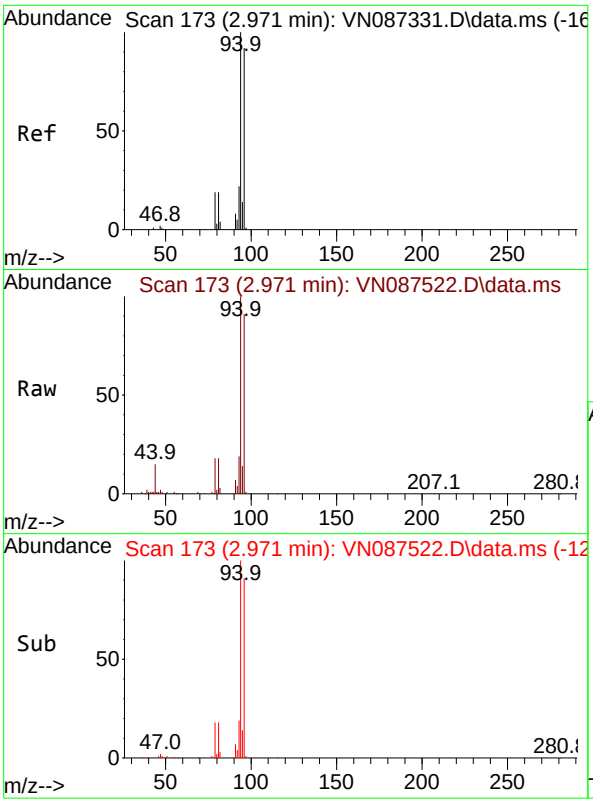


#4
Vinyl Chloride
Concen: 58.850 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 62 Resp: 212398

Ion	Ratio	Lower	Upper
62	100		
64	32.8	27.0	40.6

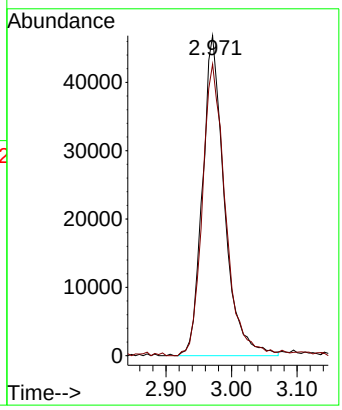




#5
Bromomethane
Concen: 58.209 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 94 Resp: 10879

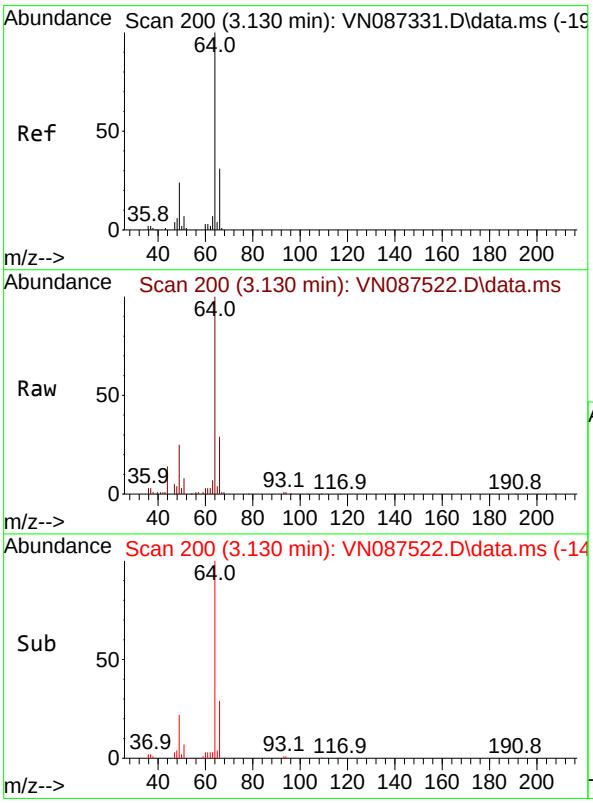
Ion	Ratio	Lower	Upper
94	100		
96	91.1	73.4	110.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

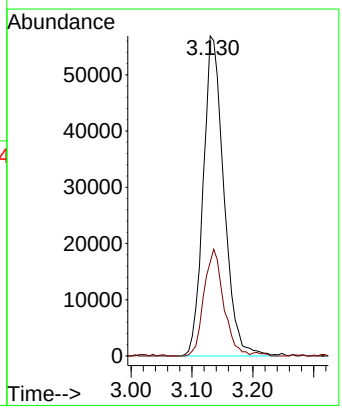
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

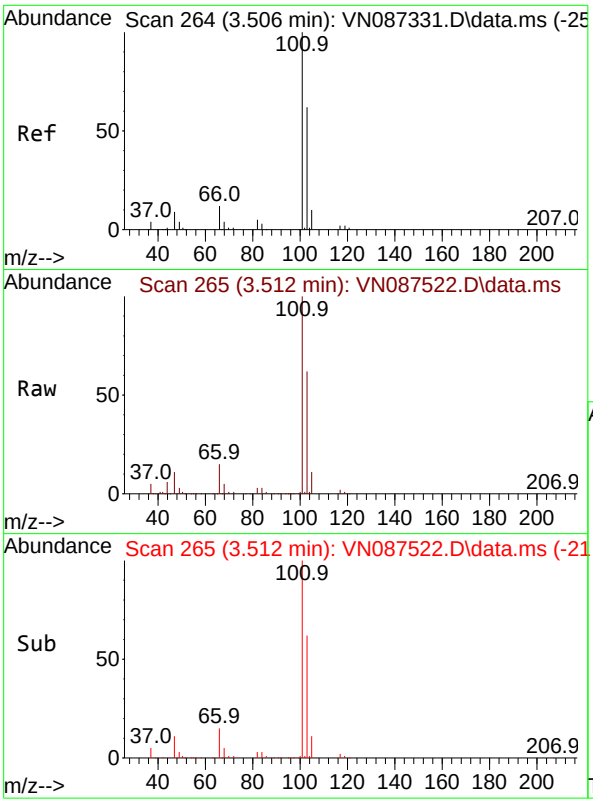


#6
Chloroethane
Concen: 56.976 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 64 Resp: 134104

Ion	Ratio	Lower	Upper
64	100		
66	29.3	24.6	36.8

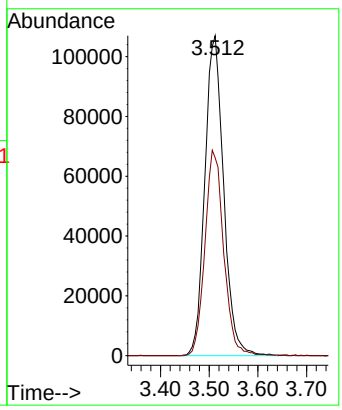




#7
Trichlorofluoromethane
Concen: 53.677 ug/l
RT: 3.512 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:101 Resp: 28646

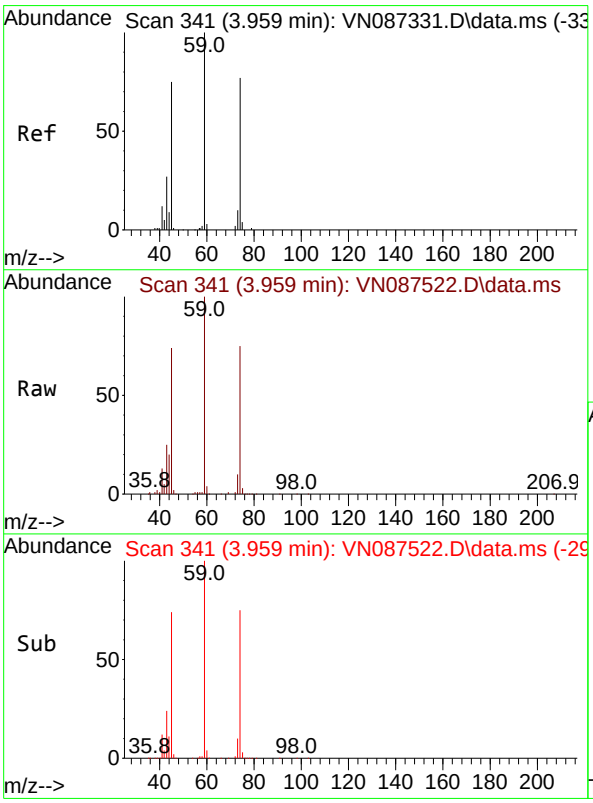
Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.8	74.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

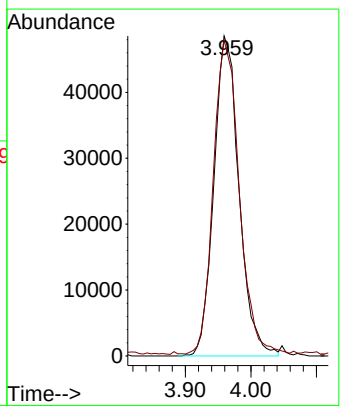
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

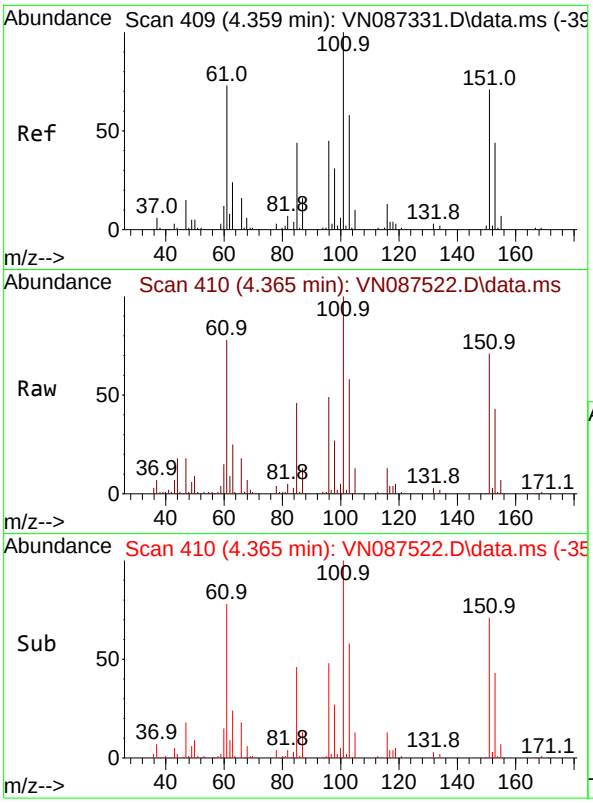


#8
Diethyl Ether
Concen: 62.366 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 74 Resp: 129108

Ion	Ratio	Lower	Upper
74	100		
45	101.0	50.8	152.5

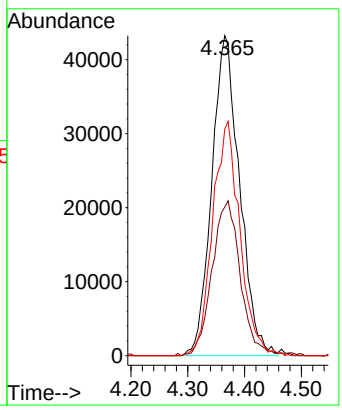




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.596 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:101 Resp: 14683(

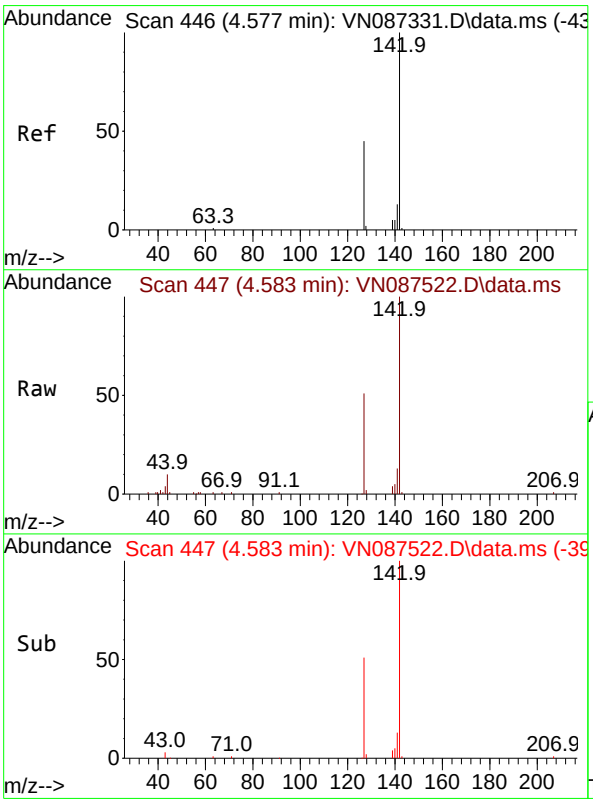
Ion	Ratio	Lower	Upper
101	100		
85	49.2	37.3	55.9
151	71.8	58.9	88.3



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

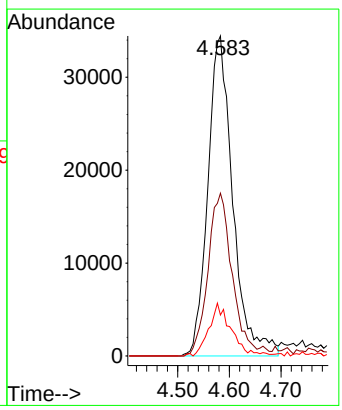
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

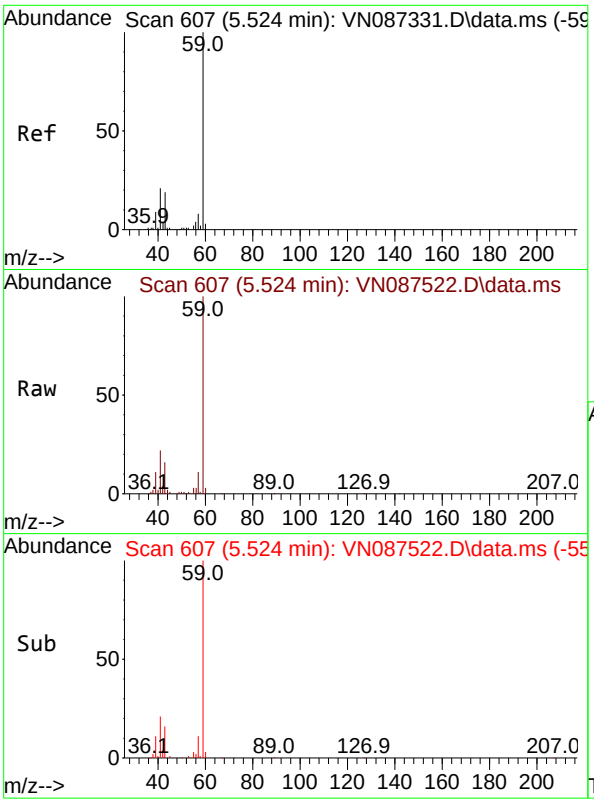


#10
Methyl Iodide
Concen: 42.028 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:142 Resp: 115601

Ion	Ratio	Lower	Upper
142	100		
127	50.8	35.7	53.5
141	12.8	10.4	15.6

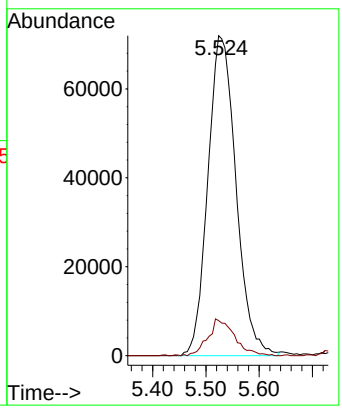




#11
Tert butyl alcohol
Concen: 301.330 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 59 Resp: 26397

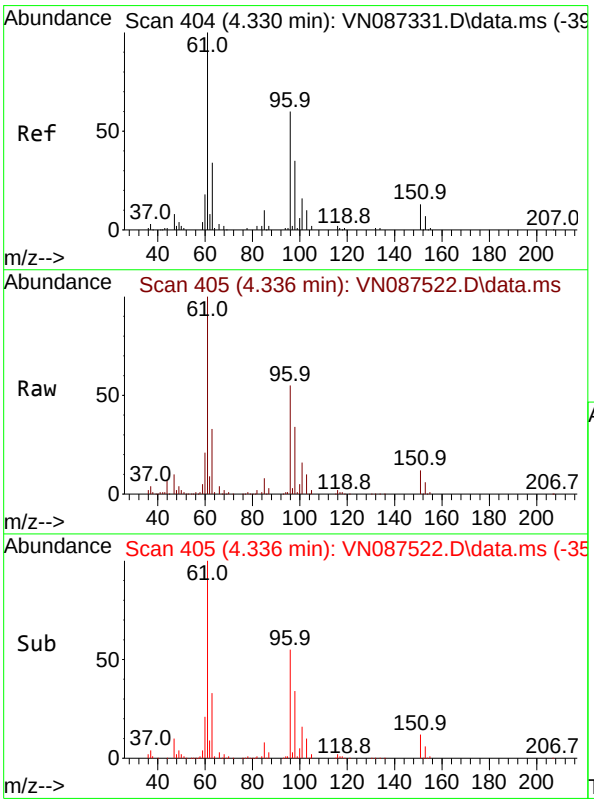
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

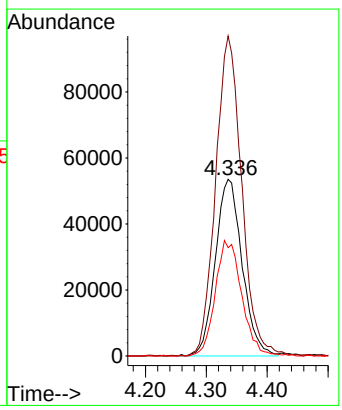
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

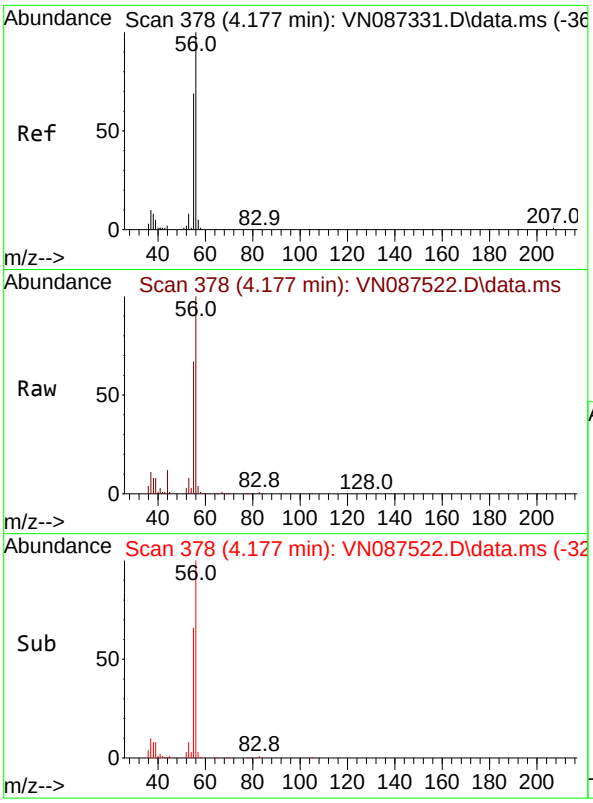


#12
1,1-Dichloroethene
Concen: 52.749 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 96 Resp: 163756

Ion	Ratio	Lower	Upper
96	100		
61	181.2	132.3	198.5
98	61.3	46.8	70.2

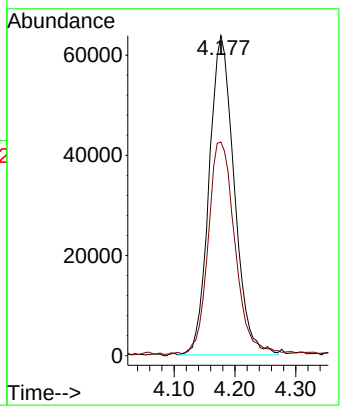




#13
Acrolein
Concen: 259.637 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 56 Resp: 18253

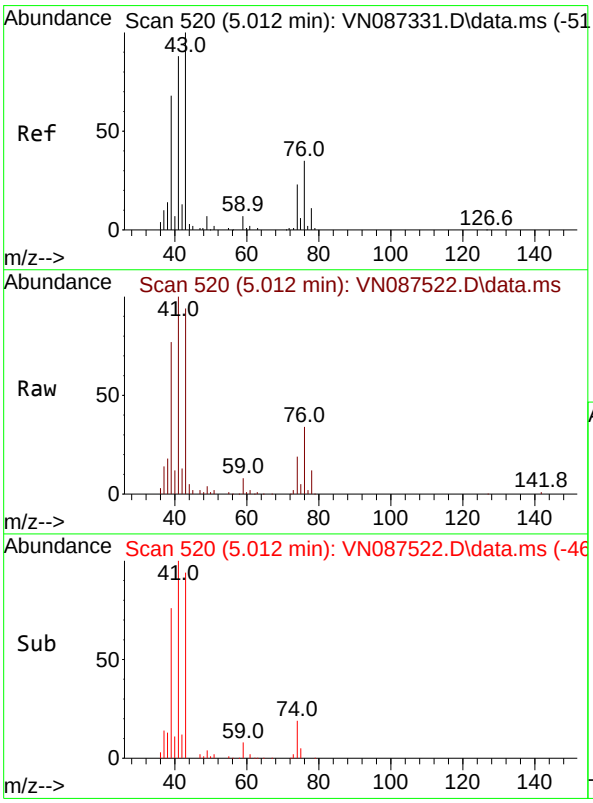
Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.2	84.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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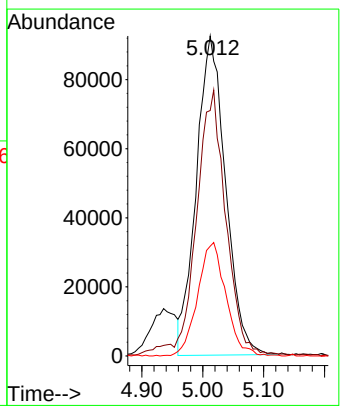
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

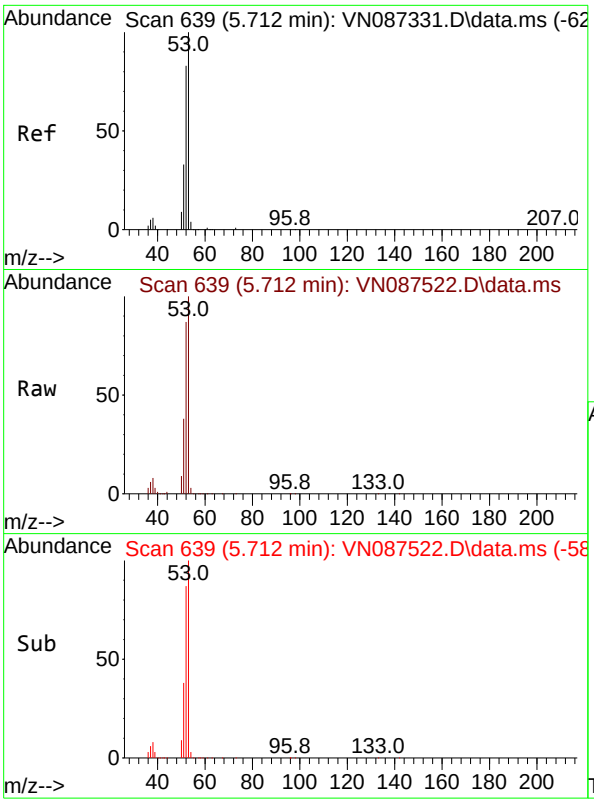


#14
Allyl chloride
Concen: 54.935 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 41 Resp: 308640

Ion	Ratio	Lower	Upper
41	100		
39	84.7	59.0	88.6
76	34.5	28.7	43.1





#15
Acrylonitrile
Concen: 275.406 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

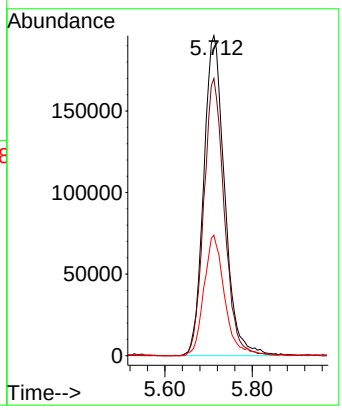
Tgt Ion: 53 Resp: 65469

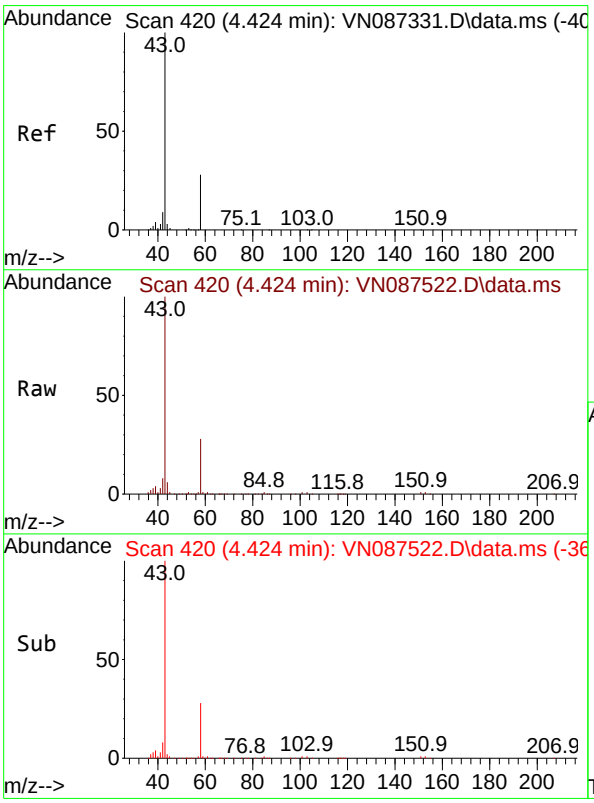
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.5	98.3
51	37.2	28.7	43.1

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

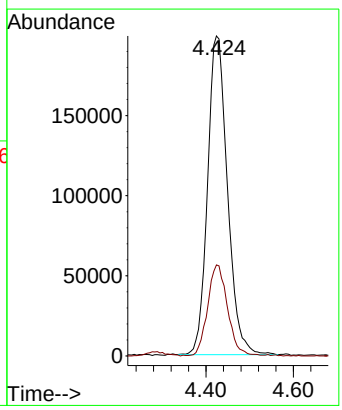


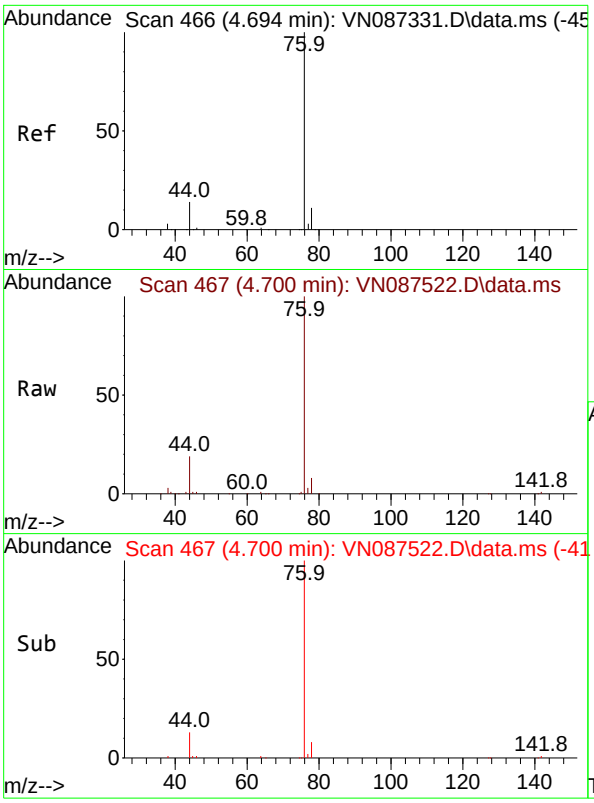


#16
Acetone
Concen: 290.610 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 628645

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.3	33.5





#17
Carbon Disulfide
Concen: 50.101 ug/l
RT: 4.700 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

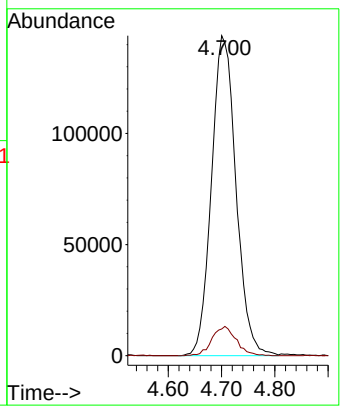
Tgt Ion: 76 Resp: 46112

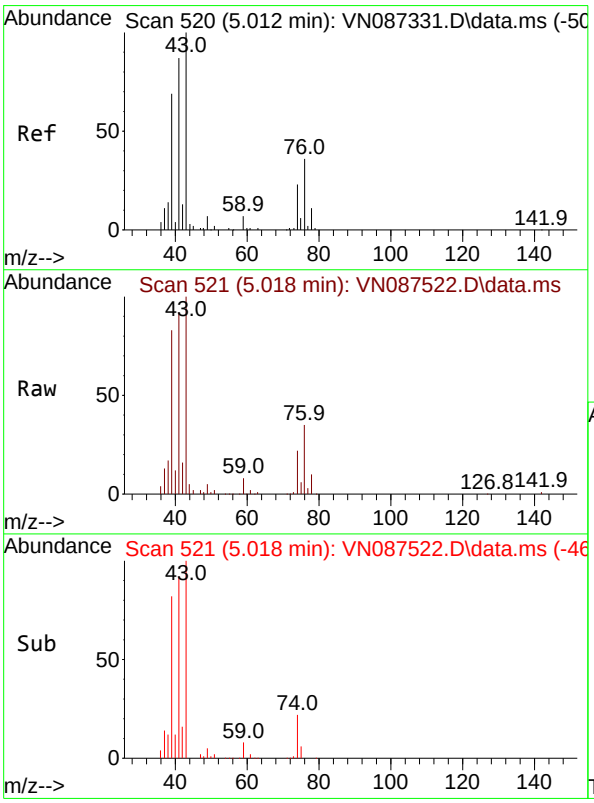
Ion	Ratio	Lower	Upper
76	100		
78	8.4	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

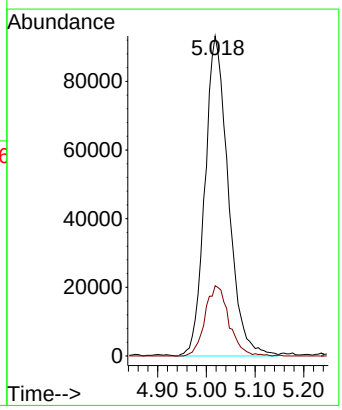


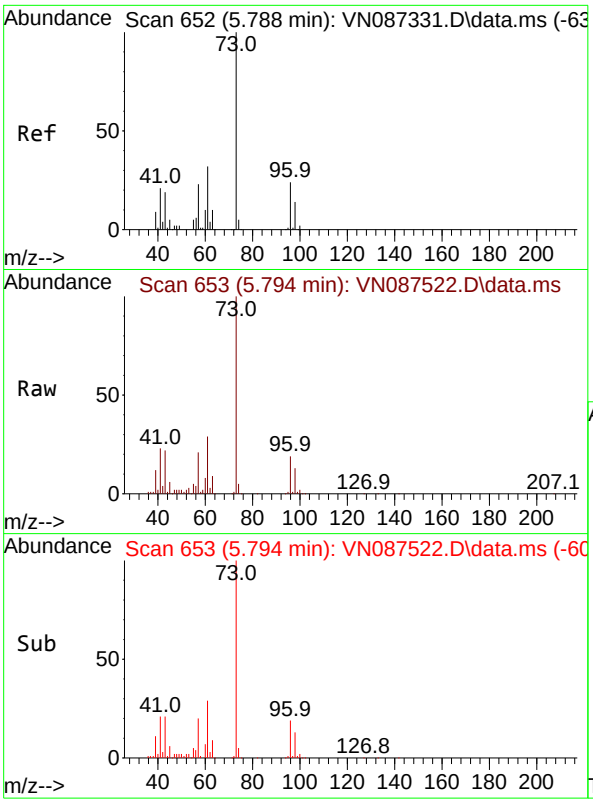


#18
Methyl Acetate
Concen: 57.123 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 310449

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.8	26.6

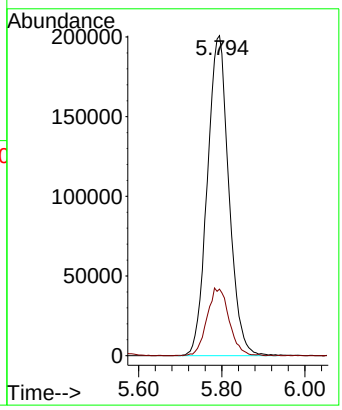




#19
Methyl tert-butyl Ether
Concen: 63.008 ug/l
RT: 5.794 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 73 Resp: 72098

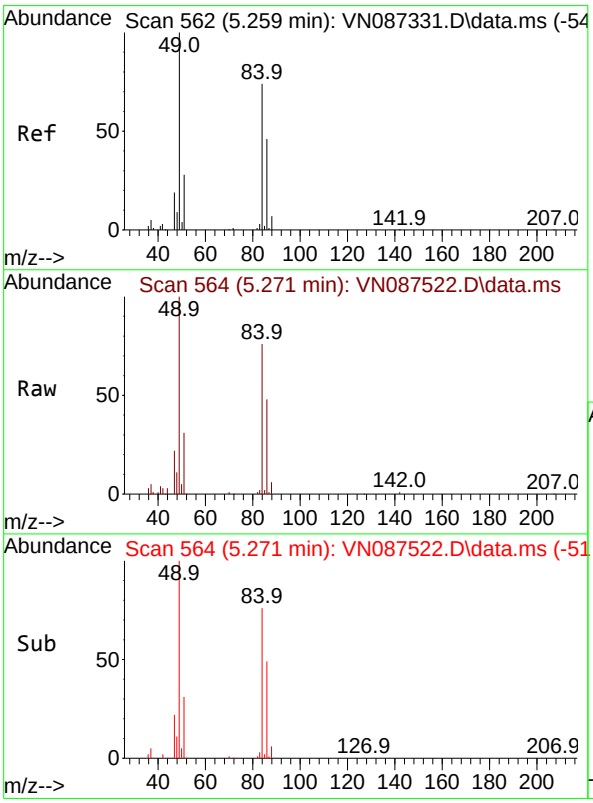
Ion	Ratio	Lower	Upper
73	100		
57	20.7	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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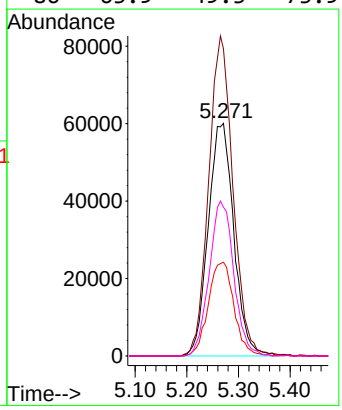
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

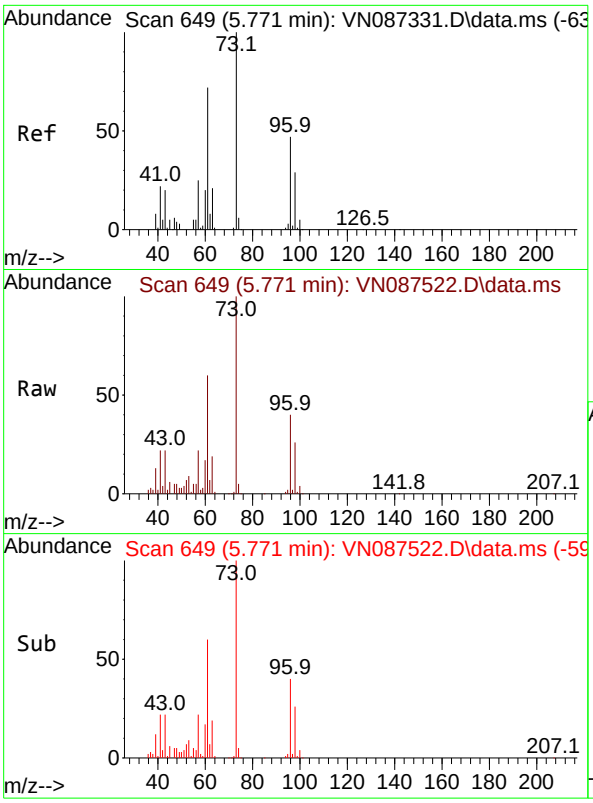


#20
Methylene Chloride
Concen: 56.550 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 84 Resp: 206485

Ion	Ratio	Lower	Upper
84	100		
49	132.0	107.5	161.3
51	40.3	30.2	45.2
86	63.9	49.3	73.9





#21
trans-1,2-Dichloroethene
Concen: 53.336 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

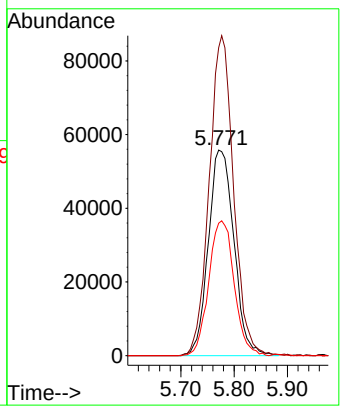
Tgt Ion: 96 Resp: 18669

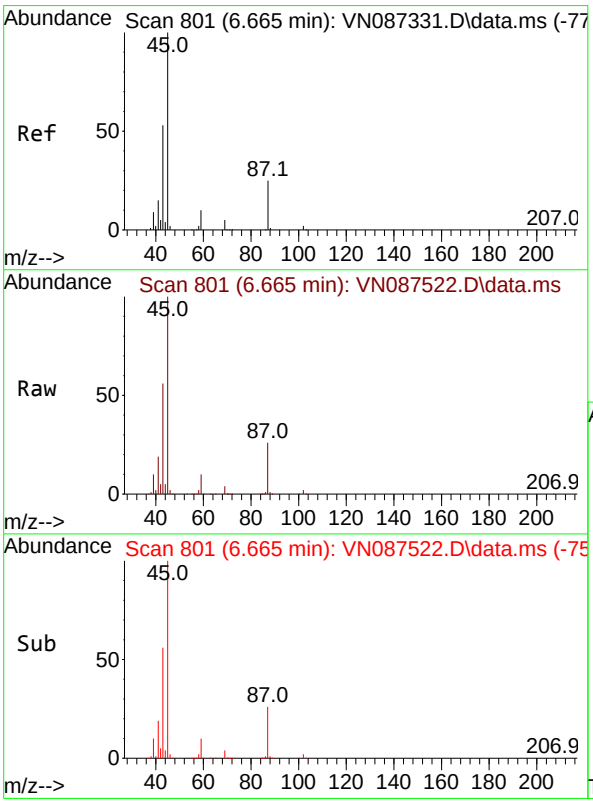
Ion	Ratio	Lower	Upper
96	100		
61	149.8	122.0	183.0
98	64.4	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

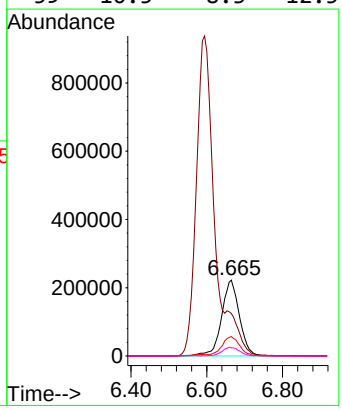


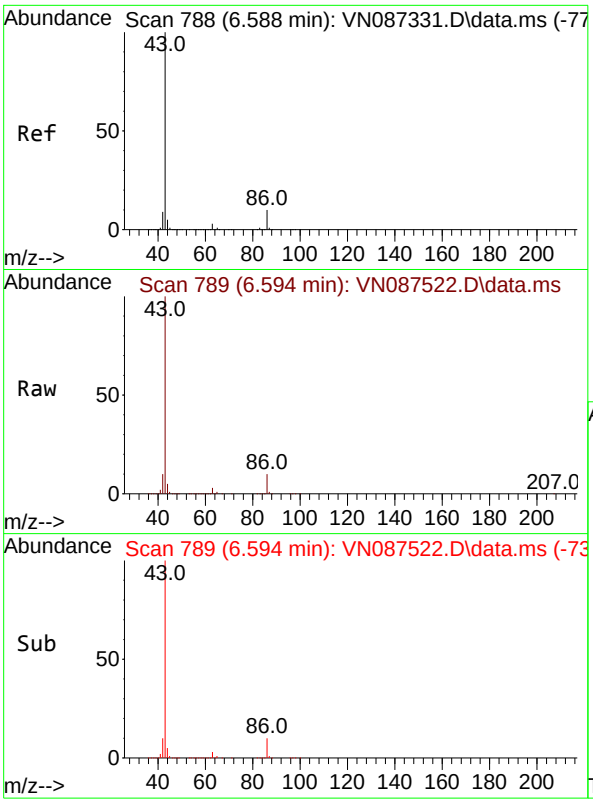


#22
Diisopropyl ether
Concen: 61.790 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 45 Resp: 728197

Ion	Ratio	Lower	Upper
45	100		
43	55.5	42.8	64.2
87	25.4	19.8	29.6
59	10.5	8.3	12.5

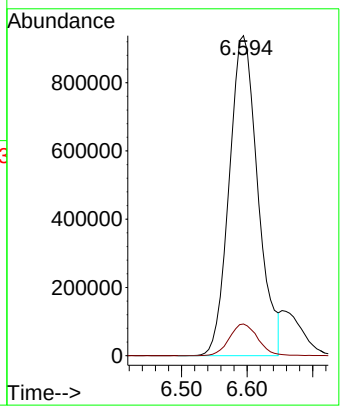




#23
Vinyl Acetate
Concen: 276.617 ug/l
RT: 6.594 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 285110

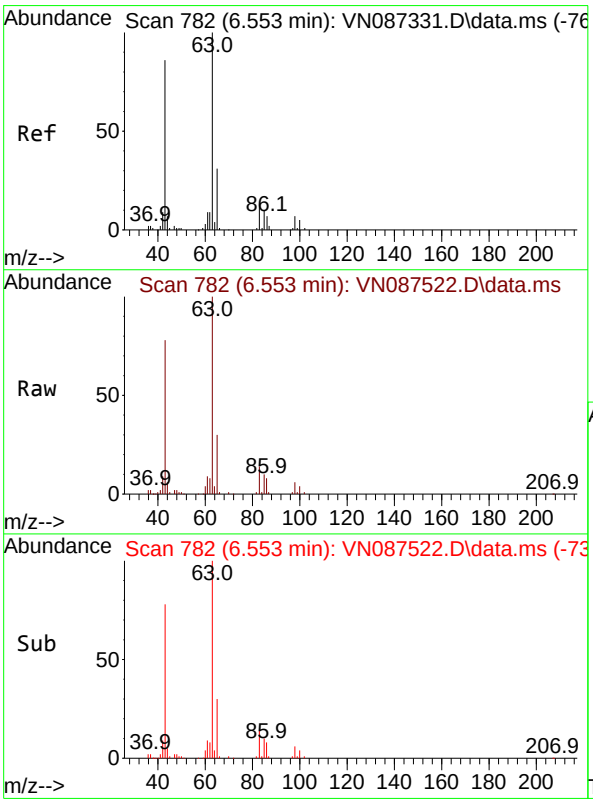
Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.7	11.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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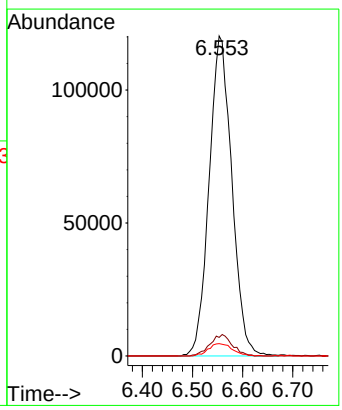
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

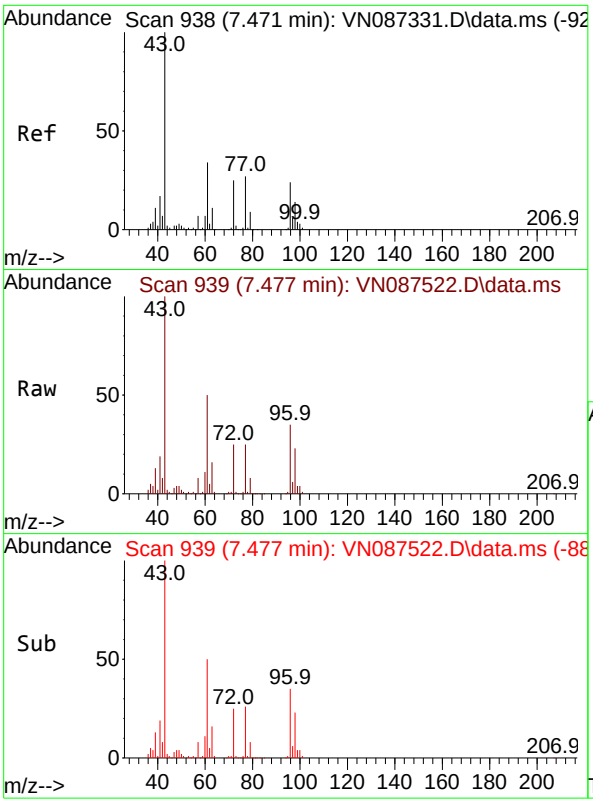


#24
1,1-Dichloroethane
Concen: 55.787 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 63 Resp: 379298

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.3	9.9
100	3.9	2.5	7.4

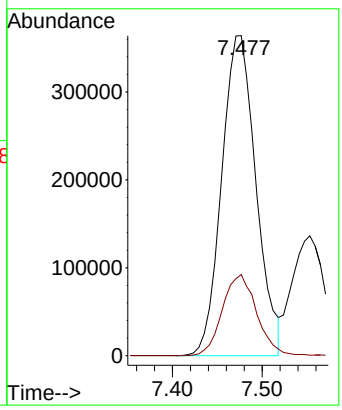




#25
2-Butanone
Concen: 289.416 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 96732

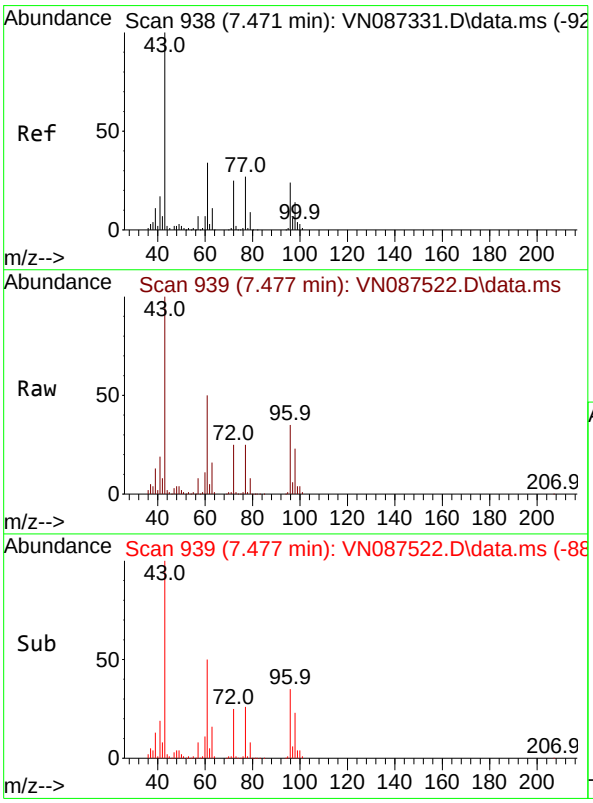
Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.6	29.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

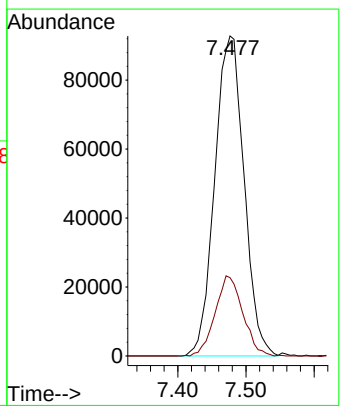
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

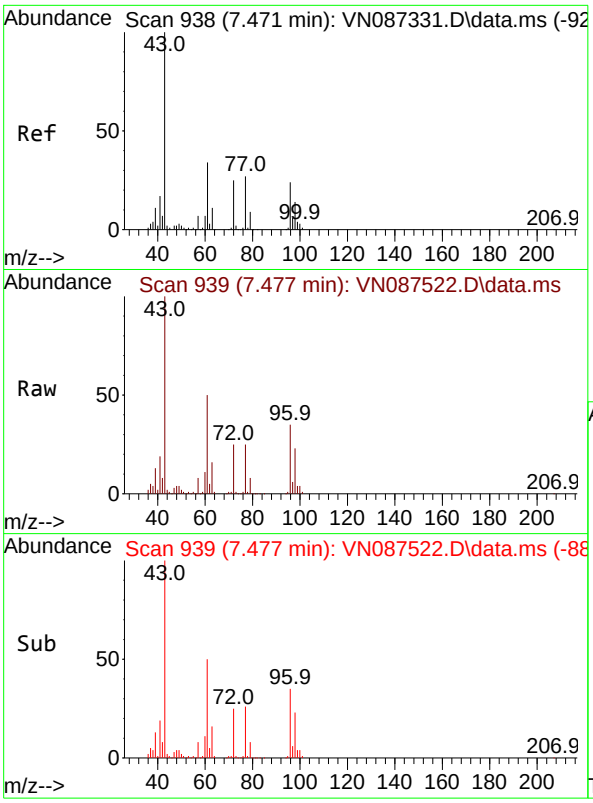


#26
2,2-Dichloropropane
Concen: 52.479 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 77 Resp: 277411

Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.1	33.1

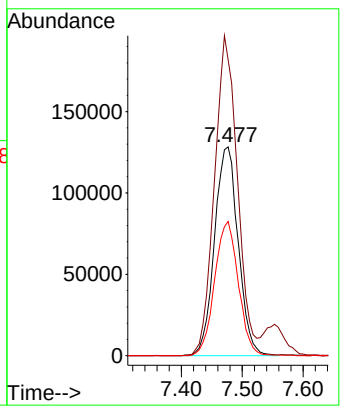




#27
cis-1,2-Dichloroethene
Concen: 86.252 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 96 Resp: 34760

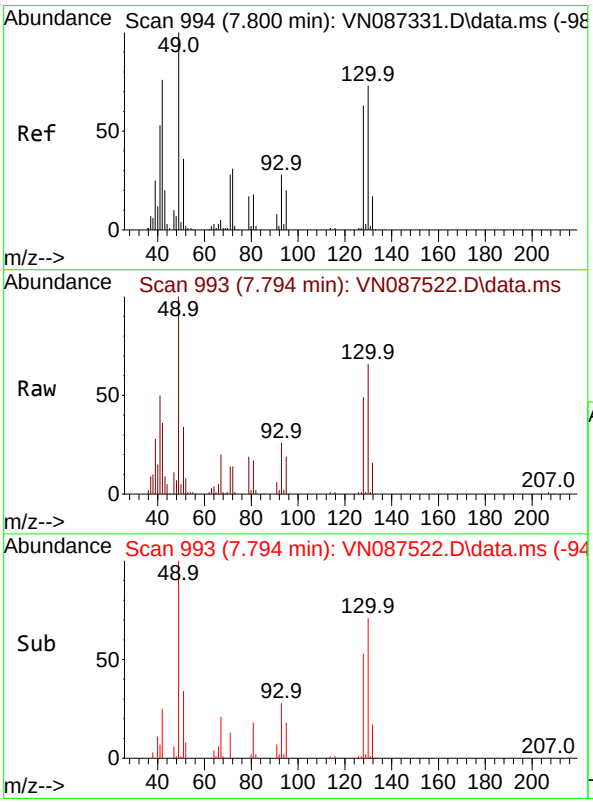
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	297.8
98	64.2	0.0	132.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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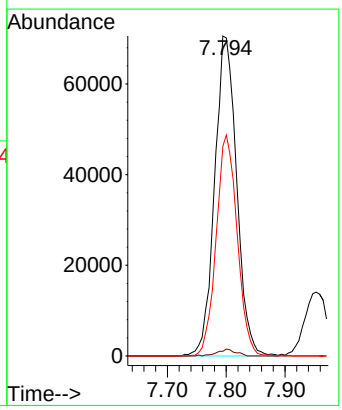
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

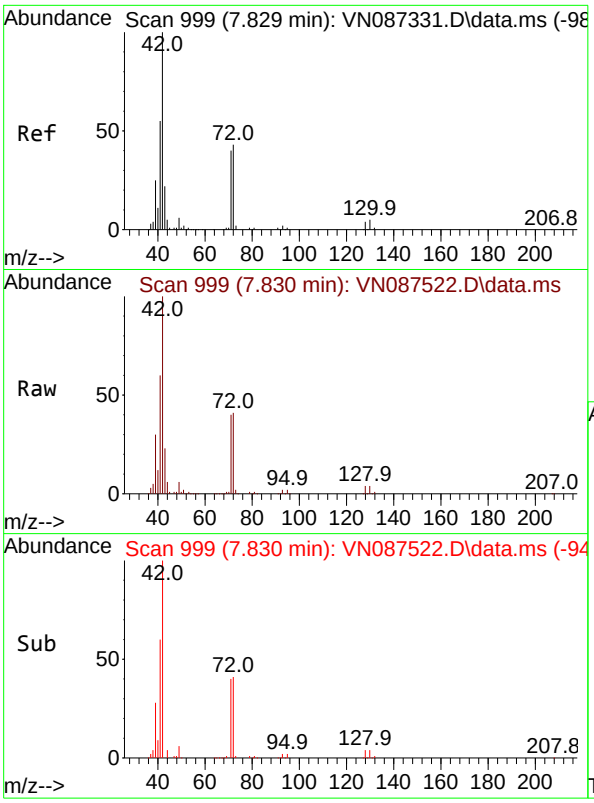


#28
Bromochloromethane
Concen: 56.409 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 49 Resp: 183551

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	65.9	57.3	85.9

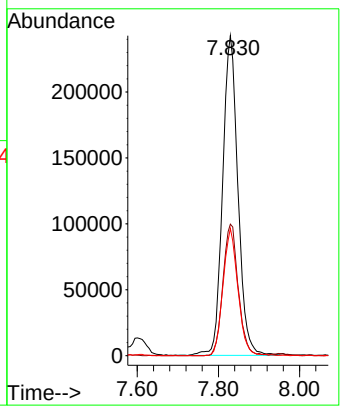




#29
Tetrahydrofuran
Concen: 294.487 ug/l
RT: 7.830 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 42 Resp: 63941

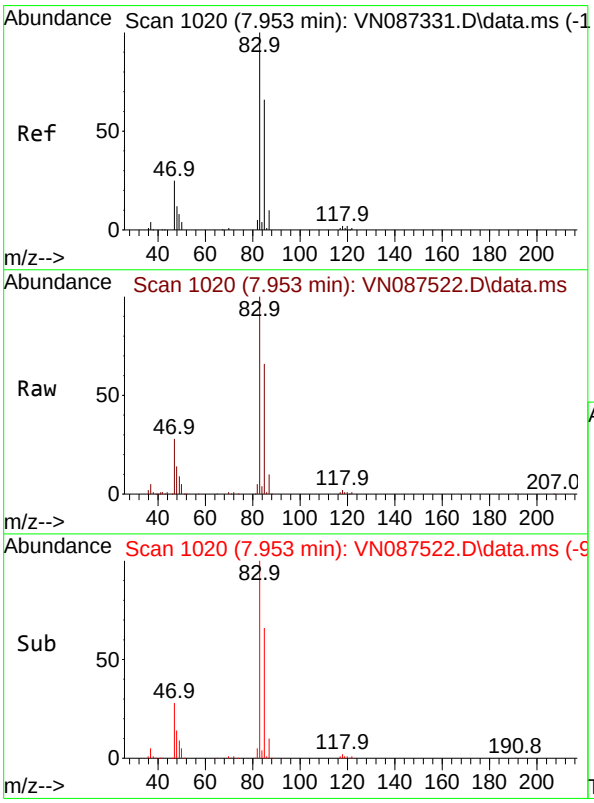
Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.4	50.0
71	38.6	31.2	46.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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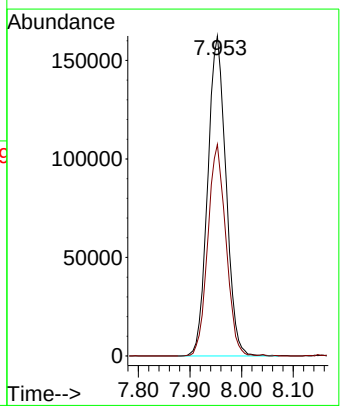
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

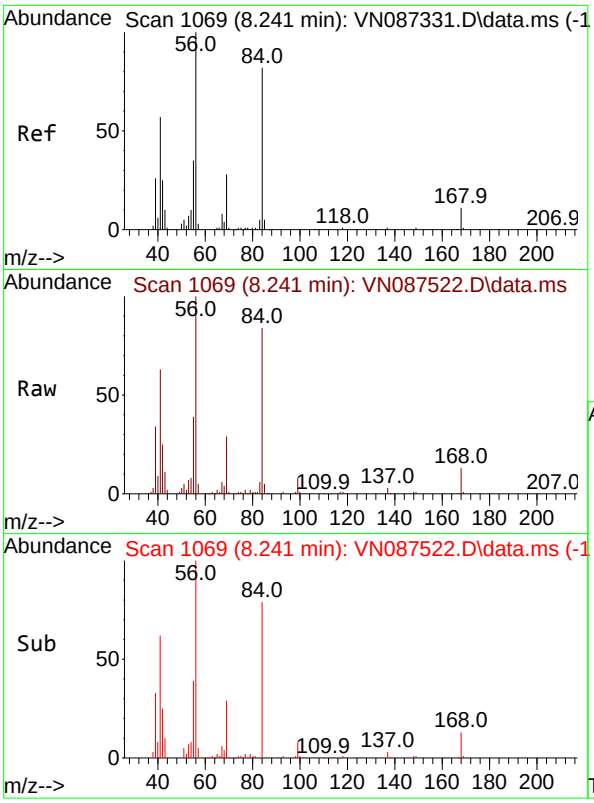


#30
Chloroform
Concen: 58.587 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 83 Resp: 398704

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.7	79.1

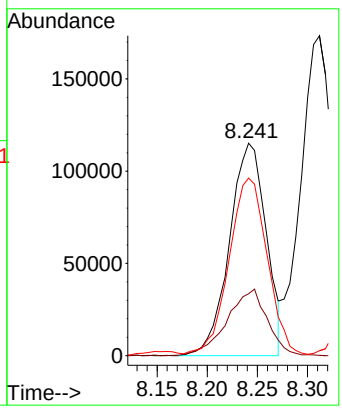




#31
Cyclohexane
Concen: 51.698 ug/l
RT: 8.241 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 56 Resp: 29322

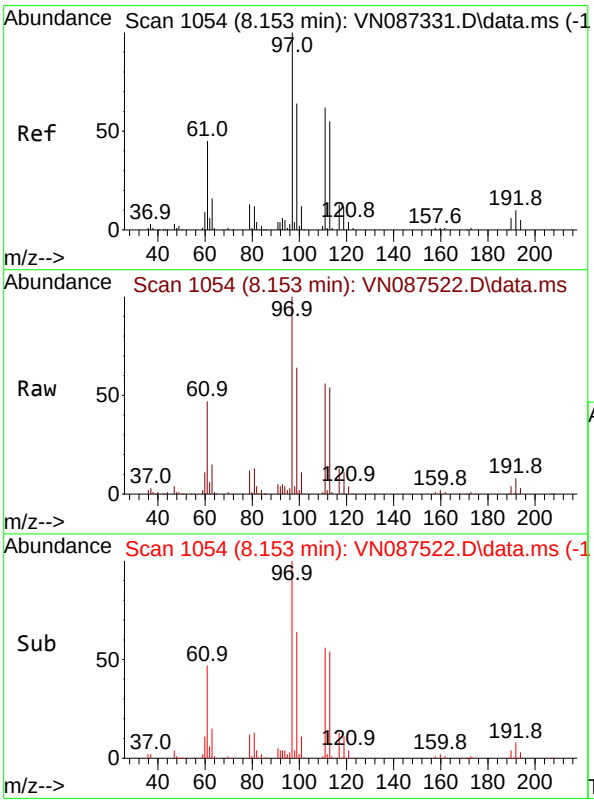
Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.7	34.1
84	82.4	65.8	98.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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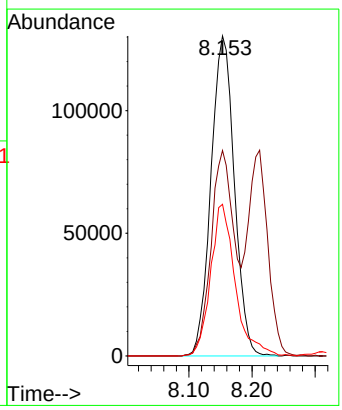
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

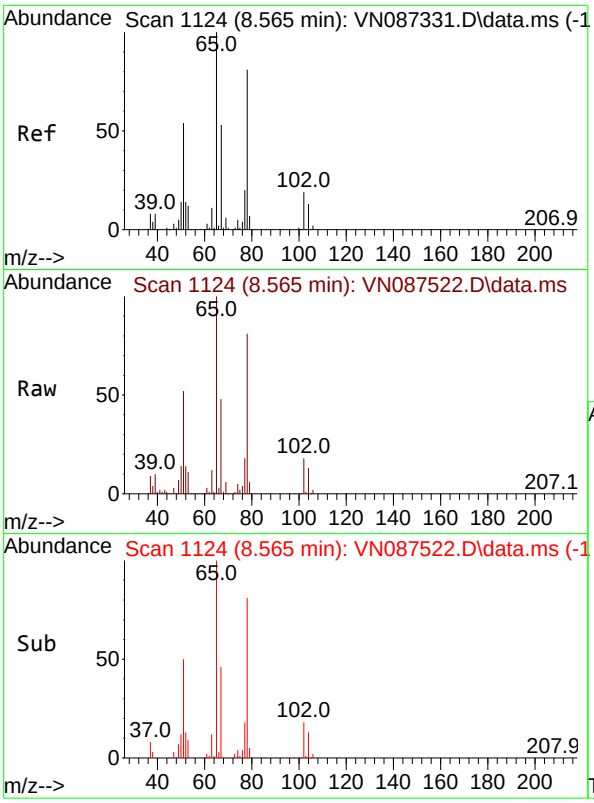


#32
1,1,1-Trichloroethane
Concen: 56.900 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 97 Resp: 335384

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	49.8	38.7	58.1

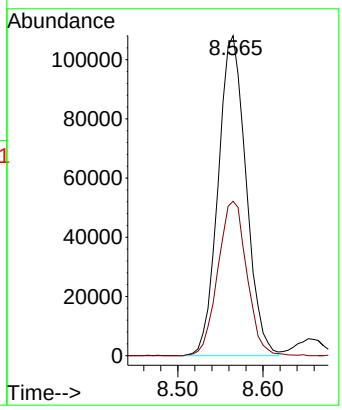




#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.565 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 65 Resp: 24594

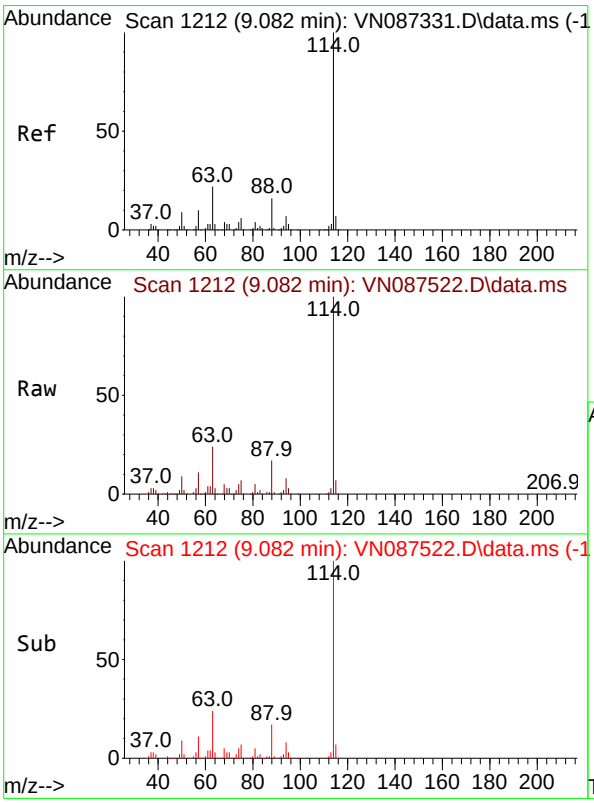
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	104.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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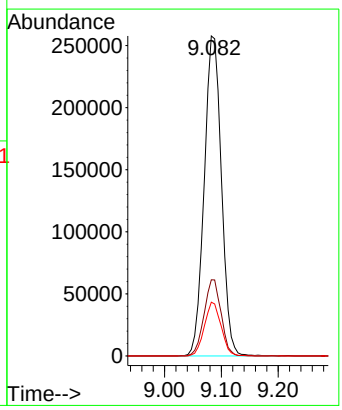
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

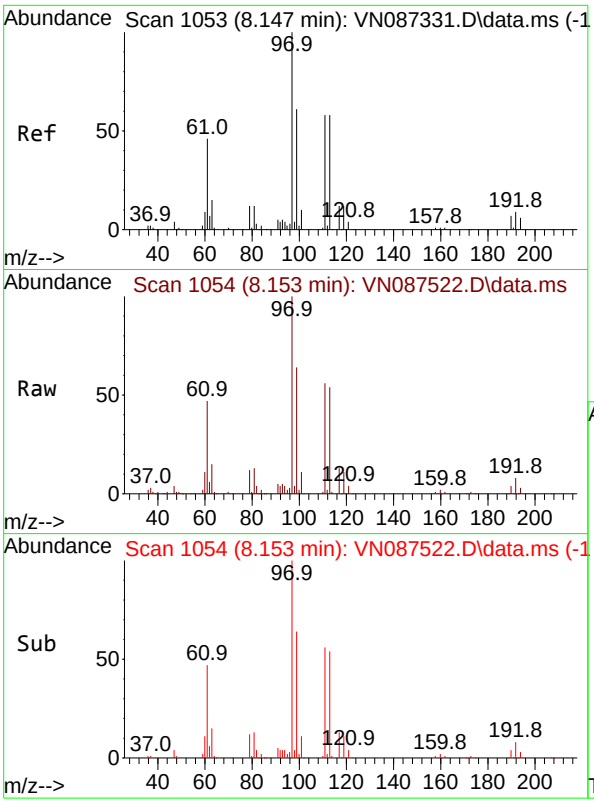


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:114 Resp: 540888

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	44.6
88	16.8	0.0	32.8

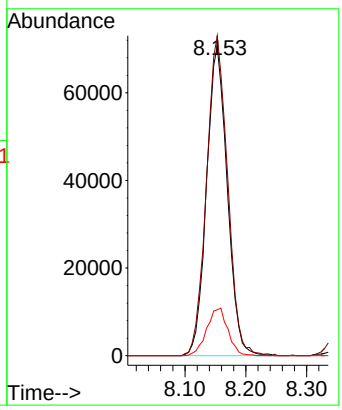




#35
Dibromofluoromethane
Concen: 44.806 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:113 Resp: 16717

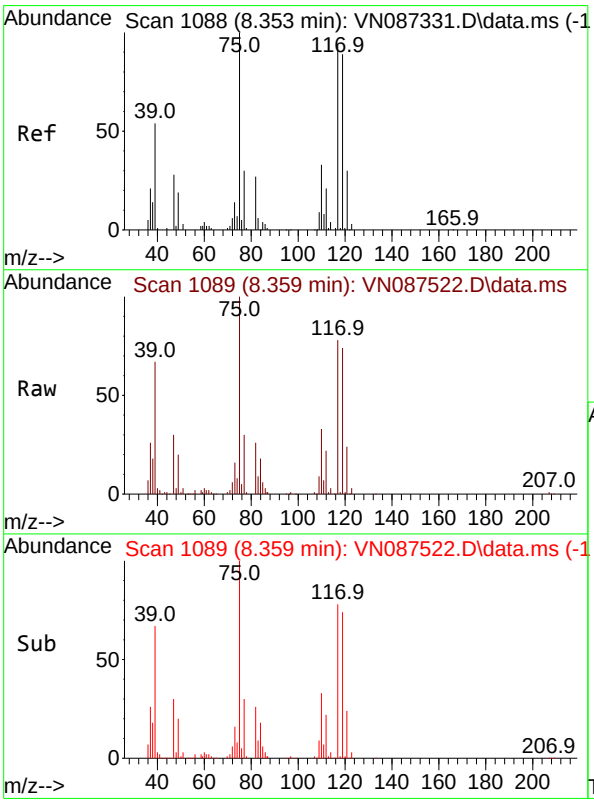
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.5	123.7
192	15.7	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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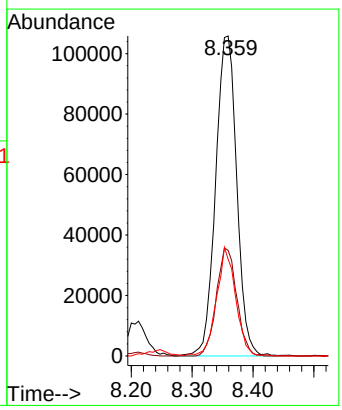
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

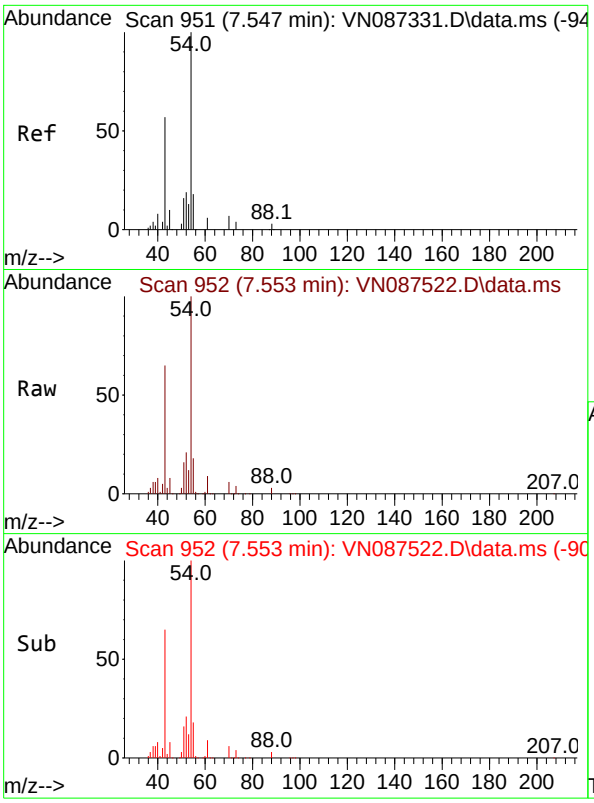


#36
1,1-Dichloropropene
Concen: 51.695 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 254821

Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.7	50.1
77	30.4	25.2	37.8





#37
Ethyl Acetate
Concen: 50.491 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

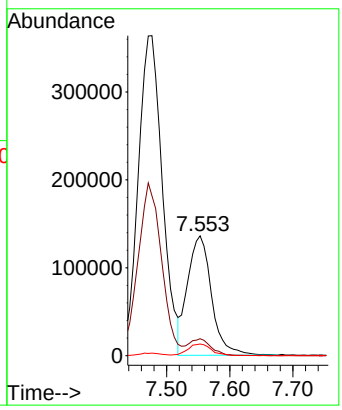
Tgt Ion: 43 Resp: 35945

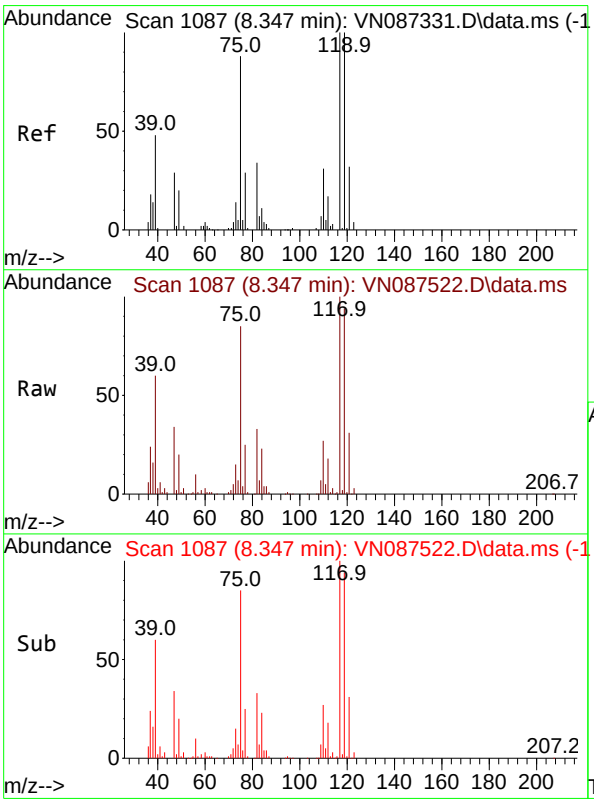
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	9.4	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

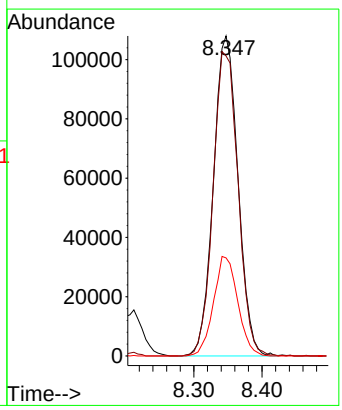


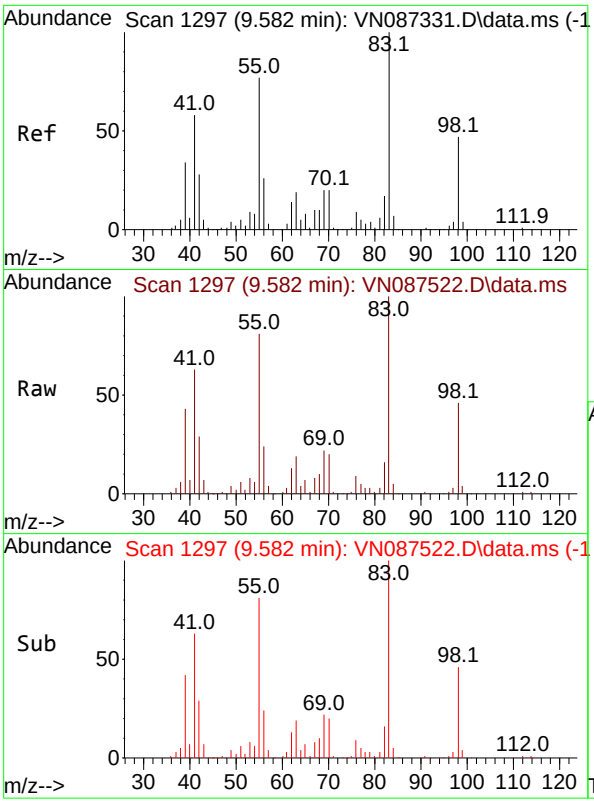


#38
Carbon Tetrachloride
Concen: 49.824 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:117 Resp: 270552

Ion	Ratio	Lower	Upper
117	100		
119	93.7	80.2	120.2
121	30.7	25.4	38.2





#39
Methylcyclohexane
Concen: 53.185 ug/l
RT: 9.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

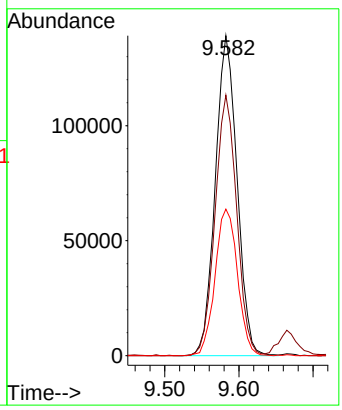
Tgt Ion: 83 Resp: 28383

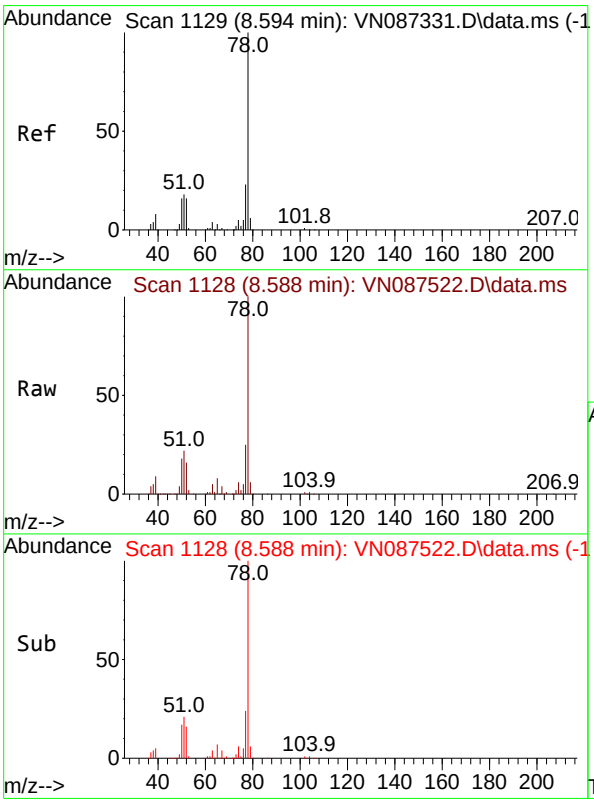
Ion	Ratio	Lower	Upper
83	100		
55	81.4	61.3	91.9
98	45.8	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

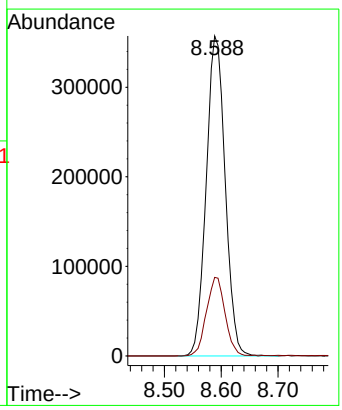


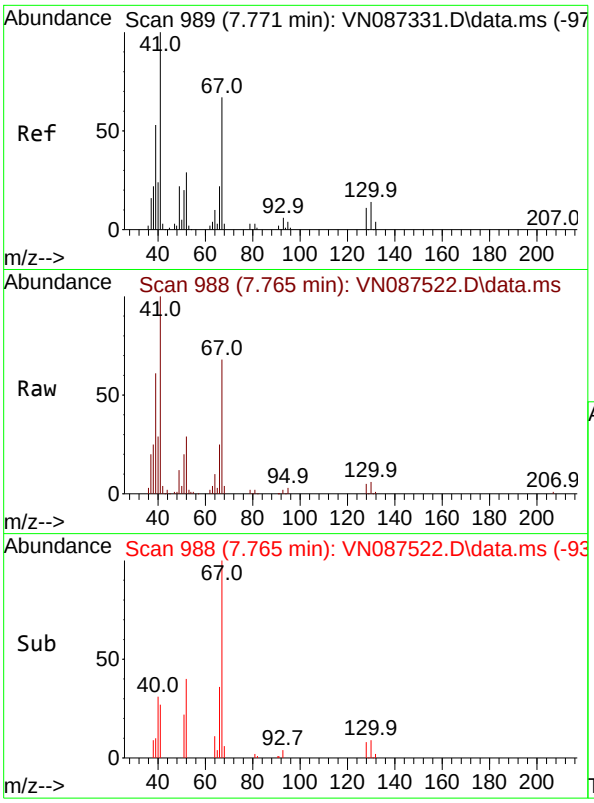


#40
Benzene
Concen: 51.826 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 78 Resp: 825674

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.2	27.2

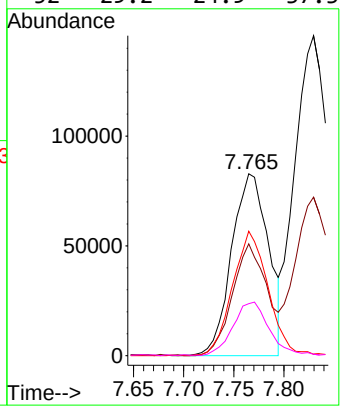




#41
Methacrylonitrile
Concen: 57.101 ug/l
RT: 7.765 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 41 Resp: 21255

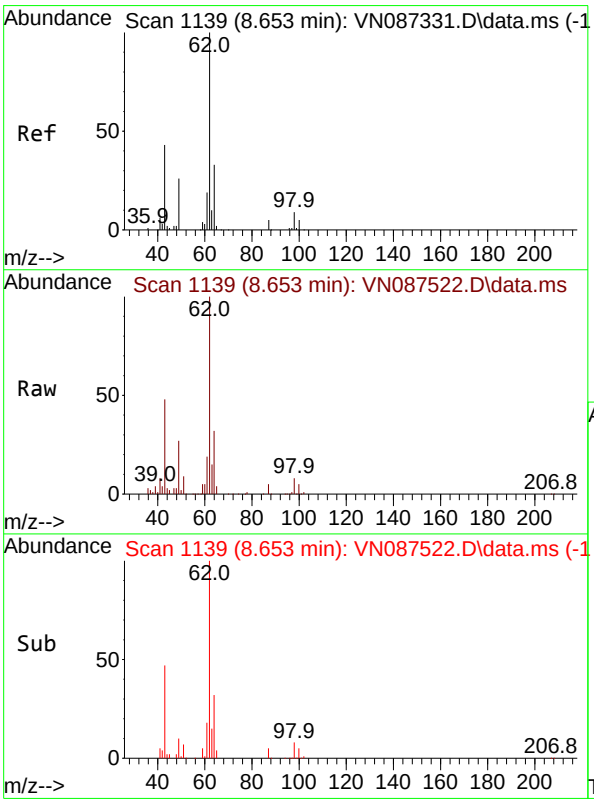
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.4	65.0
67	66.2	55.1	82.7
52	29.2	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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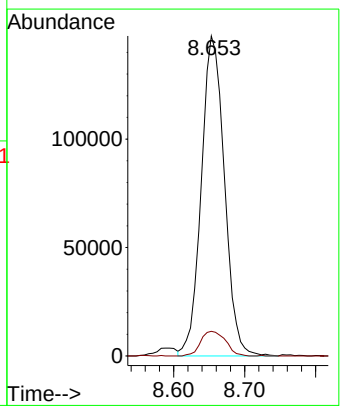
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

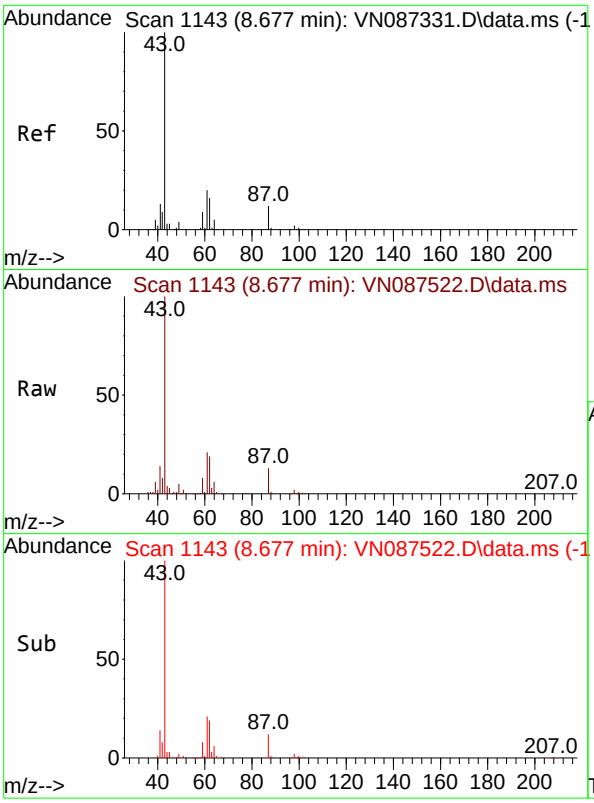


#42
1,2-Dichloroethane
Concen: 55.386 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 62 Resp: 334621

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	18.0

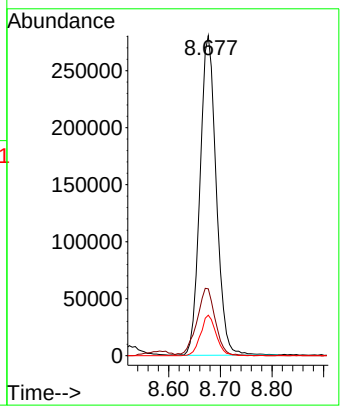




#43
Isopropyl Acetate
Concen: 55.285 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 61097

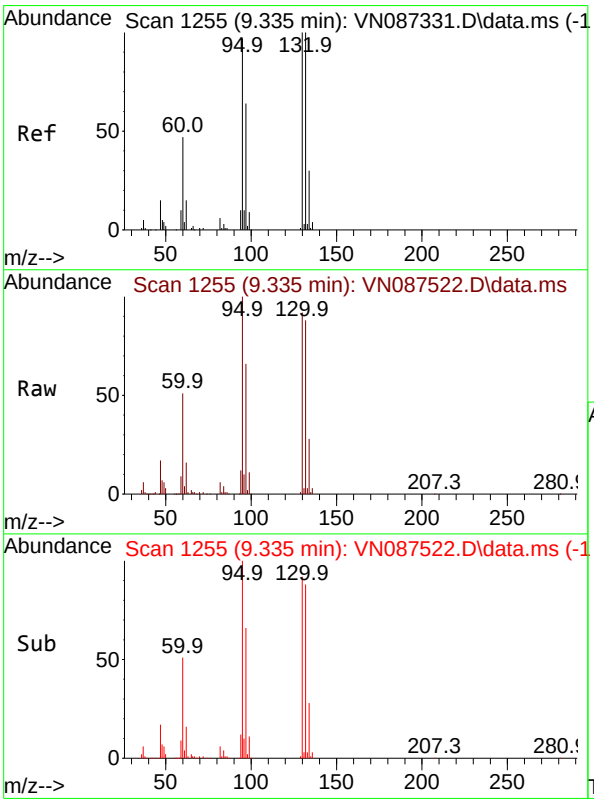
Ion	Ratio	Lower	Upper
43	100		
61	24.0	19.8	29.8
87	12.2	9.8	14.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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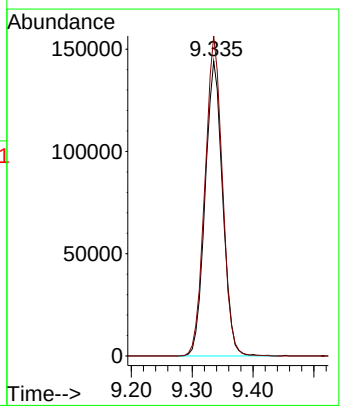
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

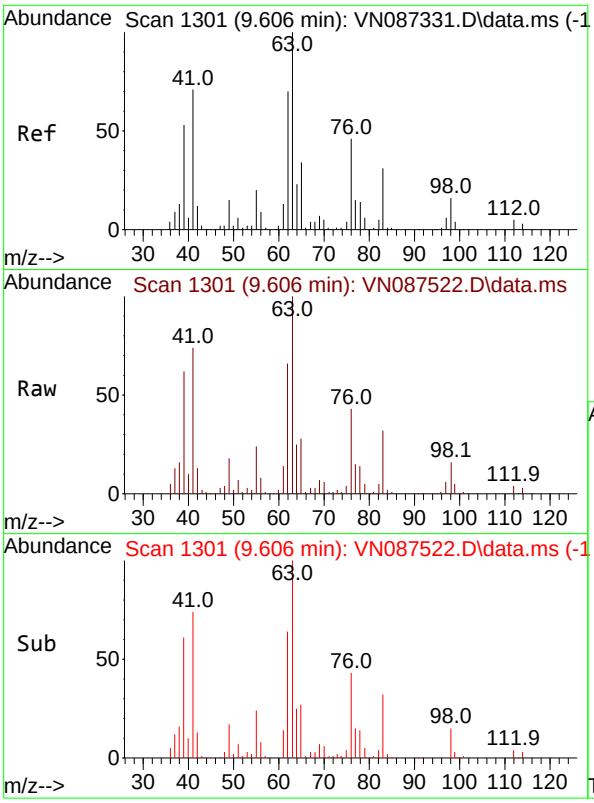


#44
Trichloroethene
Concen: 76.448 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:130 Resp: 287786

Ion	Ratio	Lower	Upper
130	100		
95	108.5	0.0	195.2

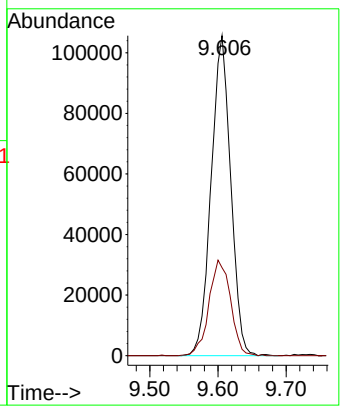




#45
1,2-Dichloropropane
Concen: 52.112 ug/l
RT: 9.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 63 Resp: 21095

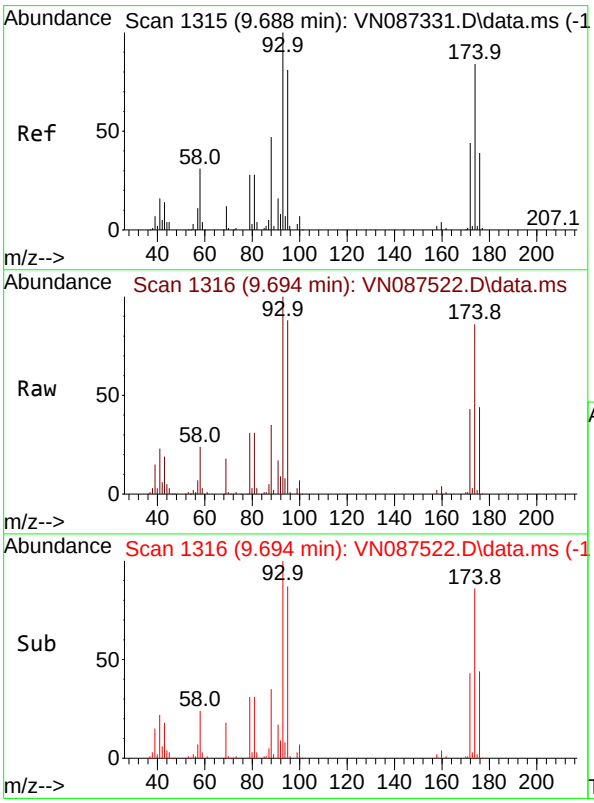
Ion	Ratio	Lower	Upper
63	100		
65	27.5	27.0	40.4



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

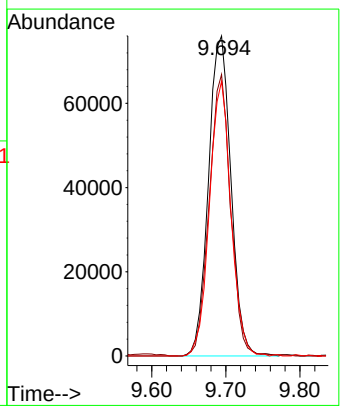
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

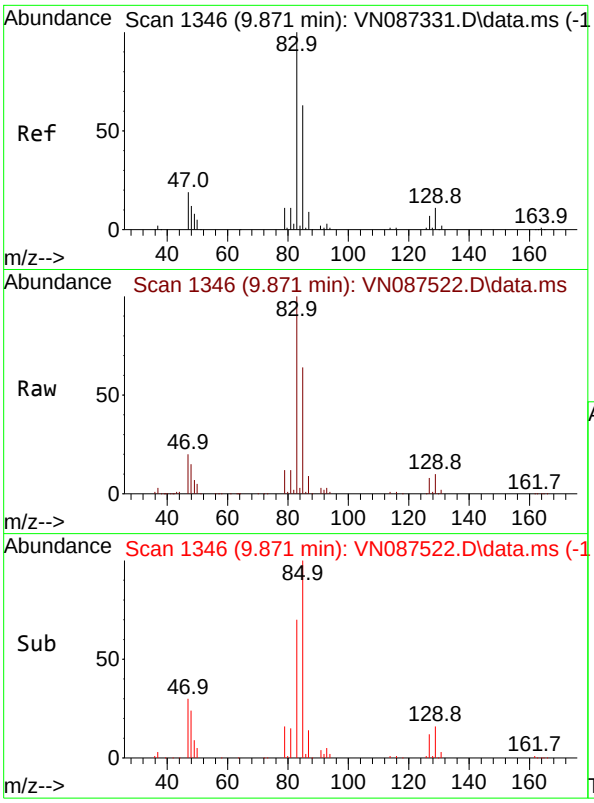


#46
Dibromomethane
Concen: 52.862 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 93 Resp: 160220

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	82.0	69.9	104.9

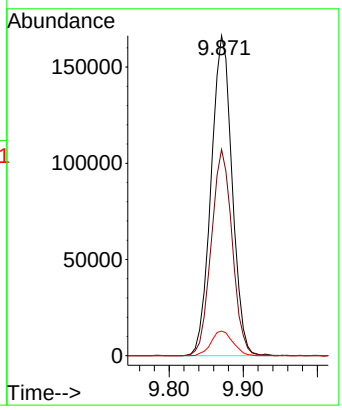




#47
Bromodichloromethane
Concen: 53.547 ug/l
RT: 9.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

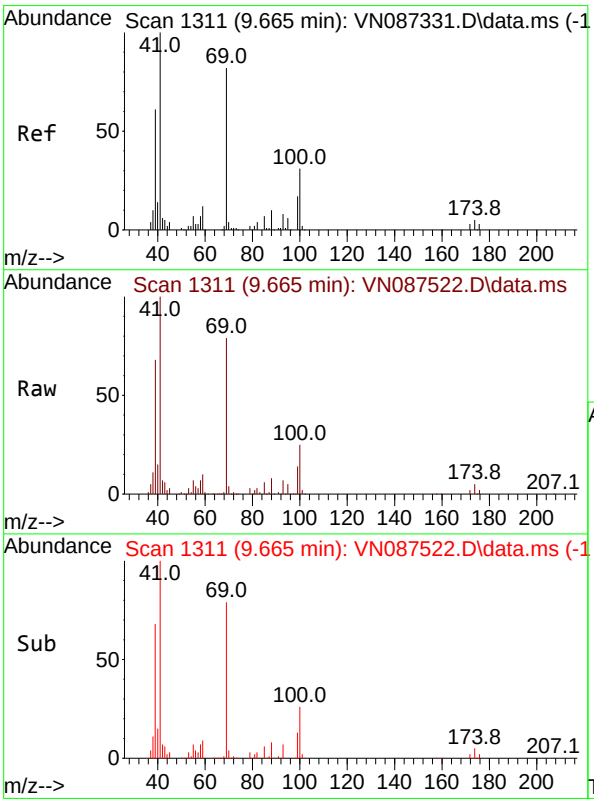
Tgt Ion: 83 Resp: 32690

Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6
127	7.7	5.8	8.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

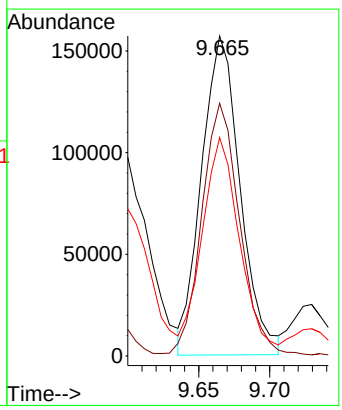
Manual Integrations
APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

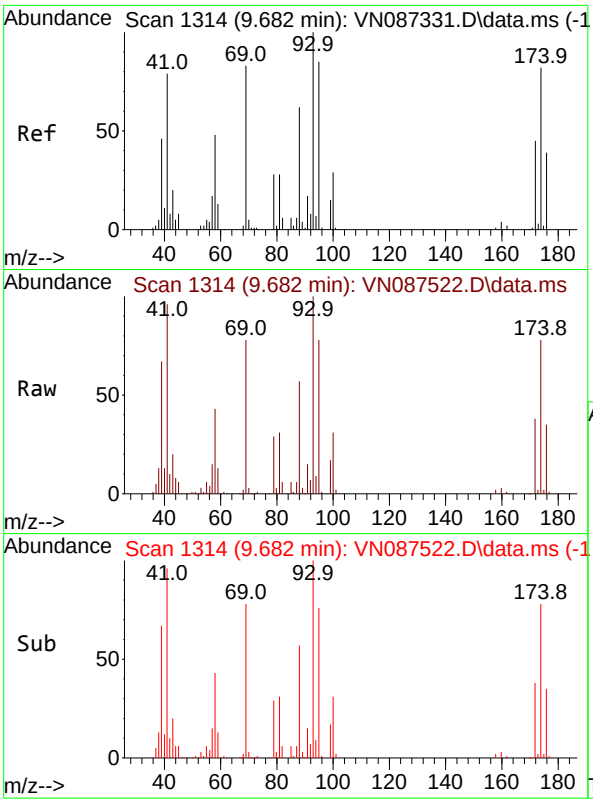


#48
Methyl methacrylate
Concen: 59.708 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 41 Resp: 297061

Ion	Ratio	Lower	Upper
41	100		
69	77.4	64.1	96.1
39	66.8	45.5	68.3

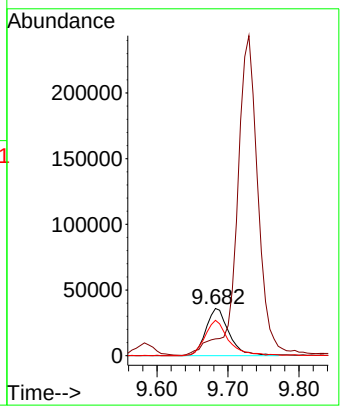




#49
1,4-Dioxane
Concen: 1063.455 ug/l
RT: 9.682 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 88 Resp: 8103

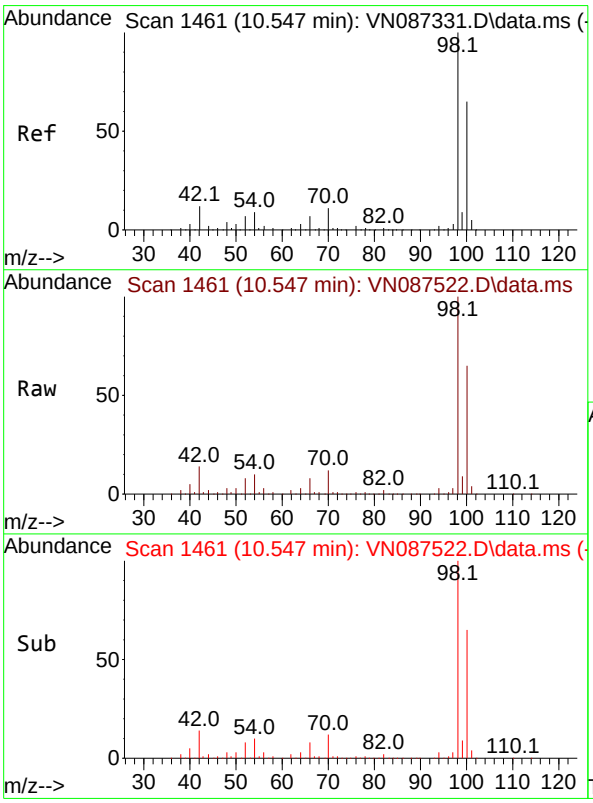
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.0	61.1	91.7



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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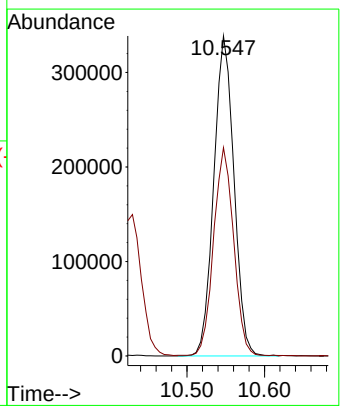
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

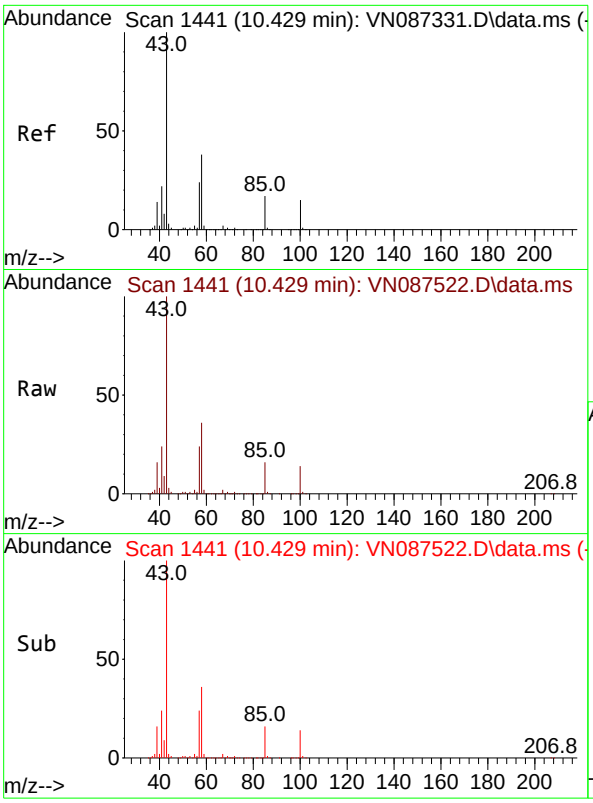


#50
Toluene-d8
Concen: 46.034 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 98 Resp: 612676

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1

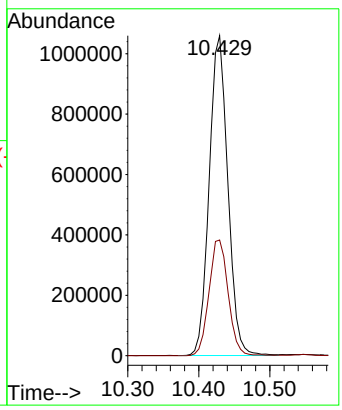




#51
4-Methyl-2-Pentanone
Concen: 276.206 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 193060

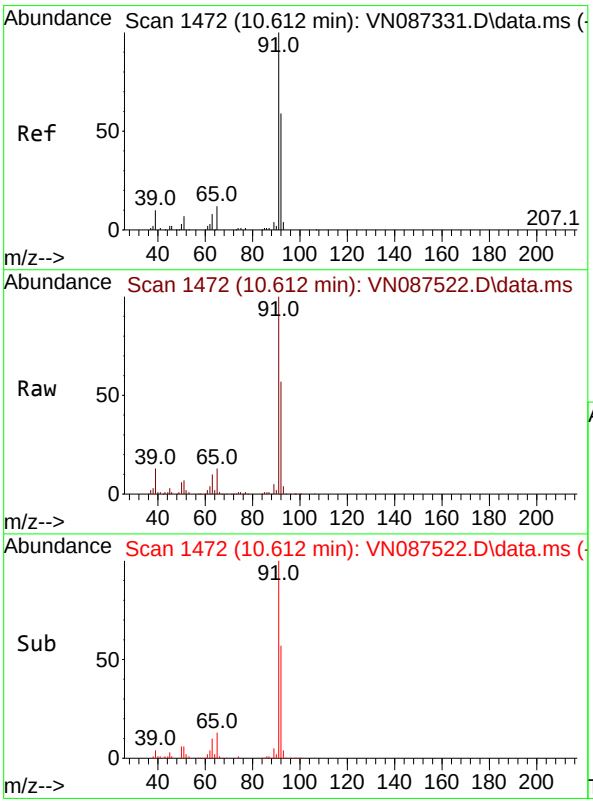
Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.8	46.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

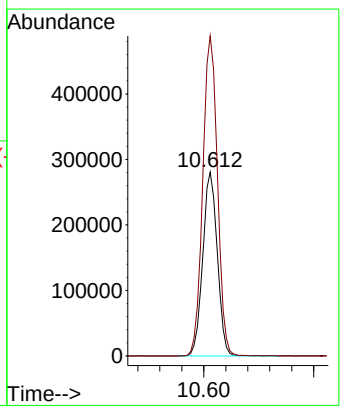
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

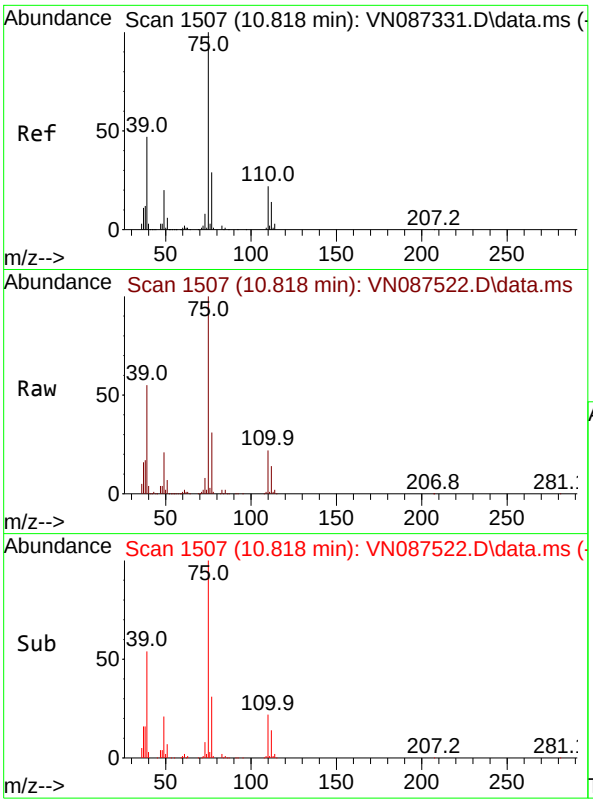


#52
Toluene
Concen: 53.172 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 92 Resp: 514896

Ion	Ratio	Lower	Upper
92	100		
91	175.8	135.1	202.7





#53
t-1,3-Dichloropropene
Concen: 56.313 ug/l
RT: 10.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

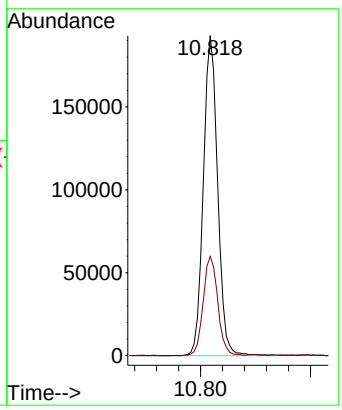
Tgt Ion: 75 Resp: 34793

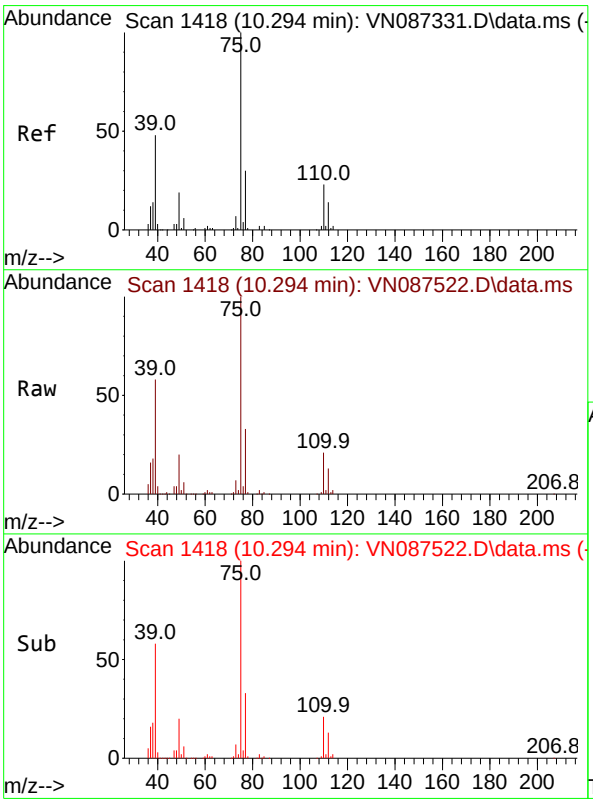
Ion	Ratio	Lower	Upper
75	100		
77	30.9	23.6	35.4

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

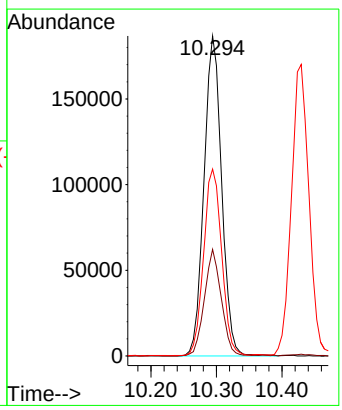


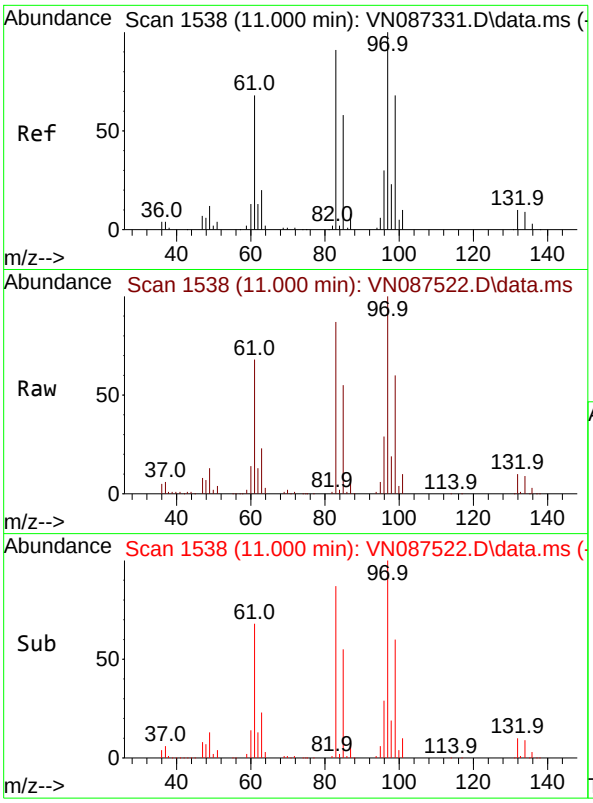


#54
cis-1,3-Dichloropropene
Concen: 54.843 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 350017

Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.2	36.2
39	58.0	38.4	57.6#

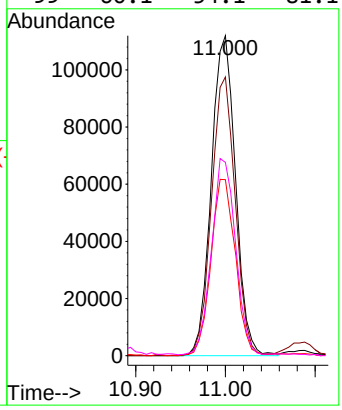




#55
1,1,2-Trichloroethane
Concen: 53.525 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 97 Resp: 20984

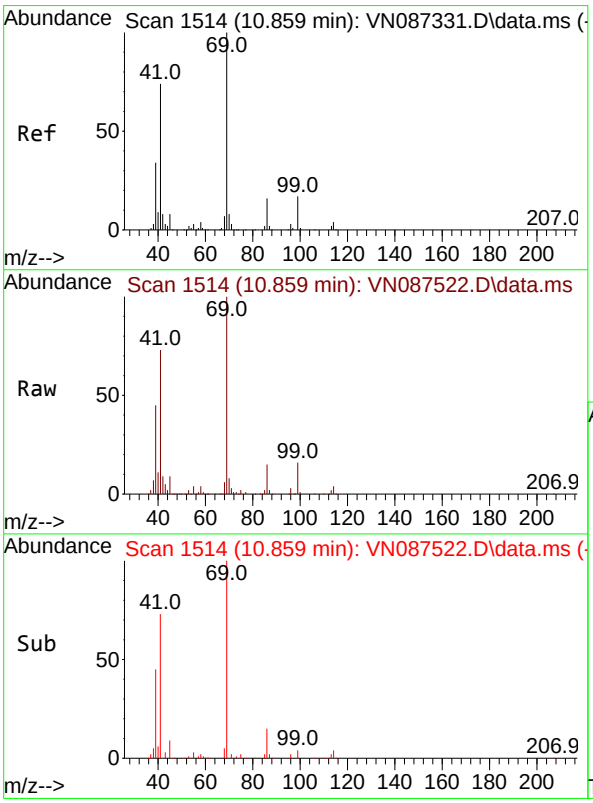
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.6	109.0
85	55.0	46.7	70.1
99	60.1	54.1	81.1



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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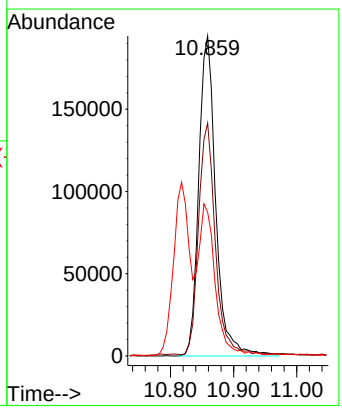
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

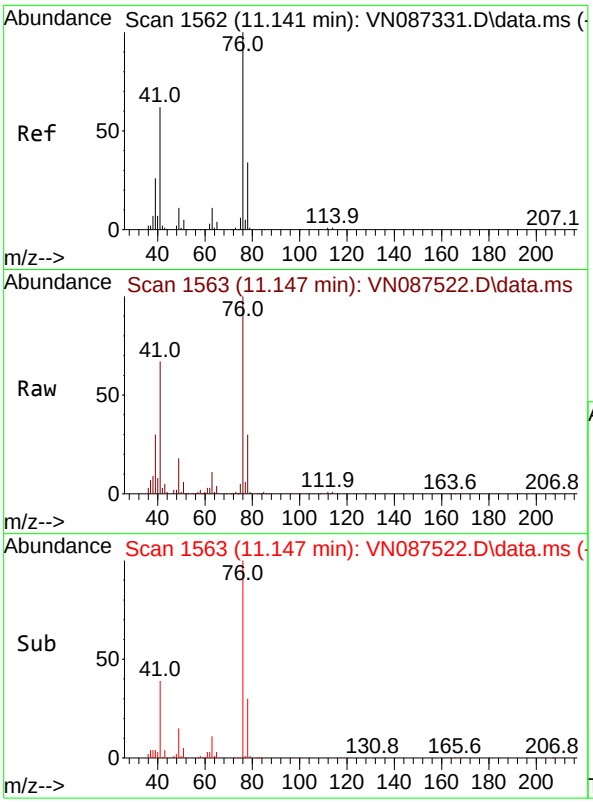


#56
Ethyl methacrylate
Concen: 55.058 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 69 Resp: 364520

Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.1	82.7
39	46.6	27.9	41.9#

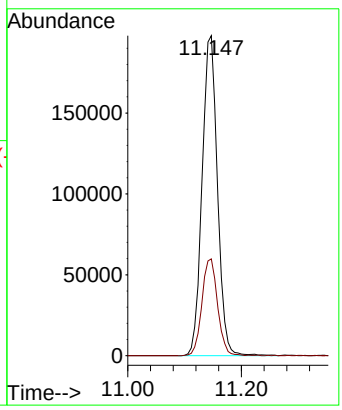




#57
1,3-Dichloropropane
Concen: 54.544 ug/l
RT: 11.147 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 76 Resp: 36971

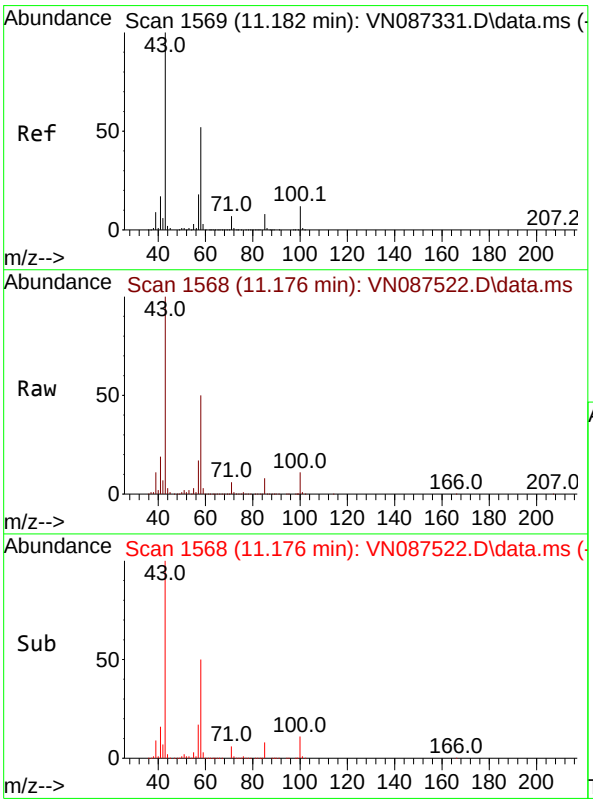
Ion	Ratio	Lower	Upper
76	100		
78	30.8	26.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

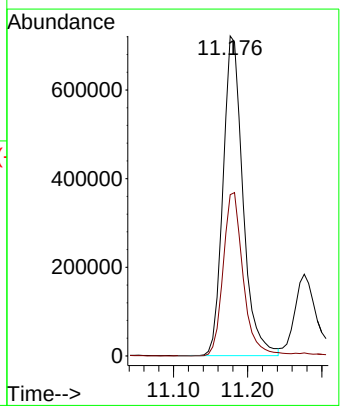
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

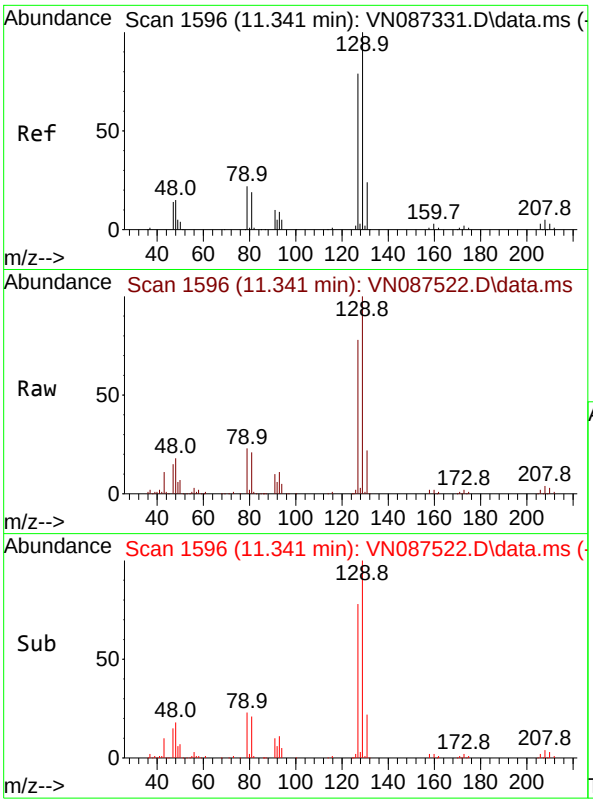


#59
2-Hexanone
Concen: 290.104 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 1345334

Ion	Ratio	Lower	Upper
43	100		
58	51.5	26.7	80.0

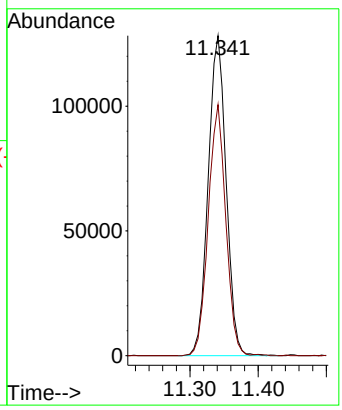




#60
Dibromochloromethane
Concen: 52.528 ug/l
RT: 11.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:129 Resp: 23485

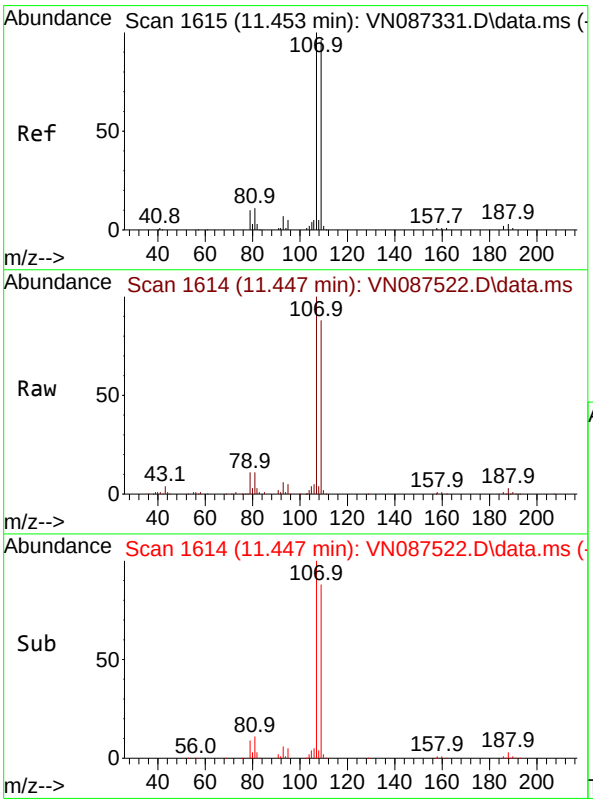
Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.1	117.5



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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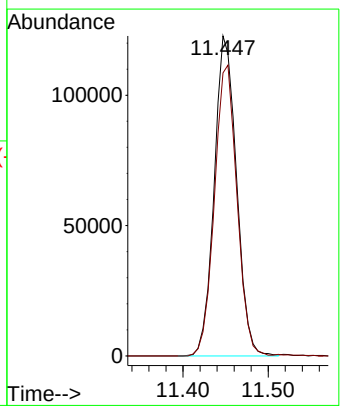
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

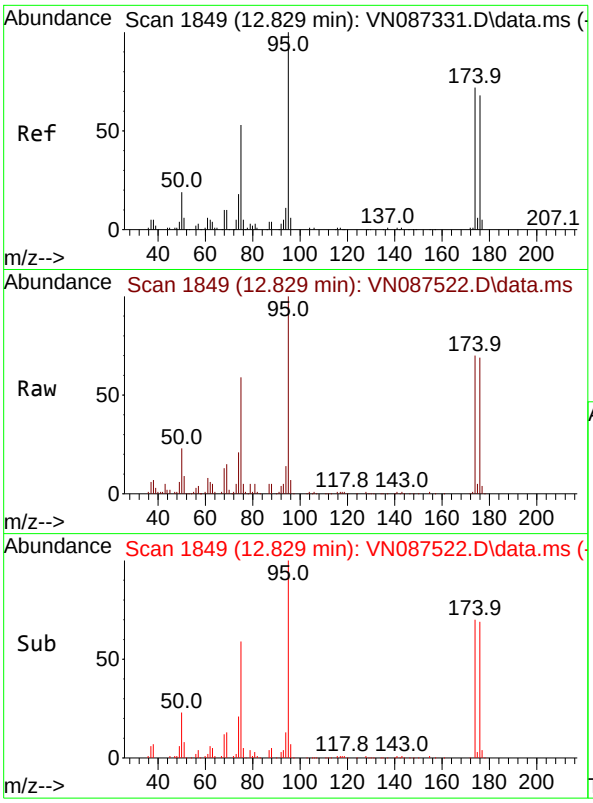


#61
1,2-Dibromoethane
Concen: 54.197 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:107 Resp: 223407

Ion	Ratio	Lower	Upper
107	100		
109	91.8	77.5	116.3

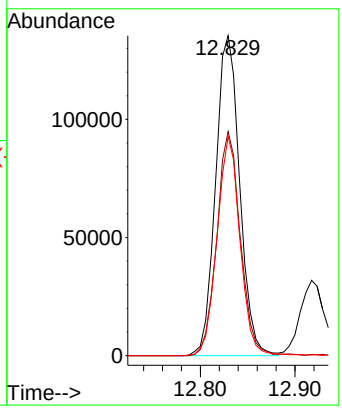




#62
4-Bromofluorobenzene
Concen: 48.523 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 95 Resp: 23858

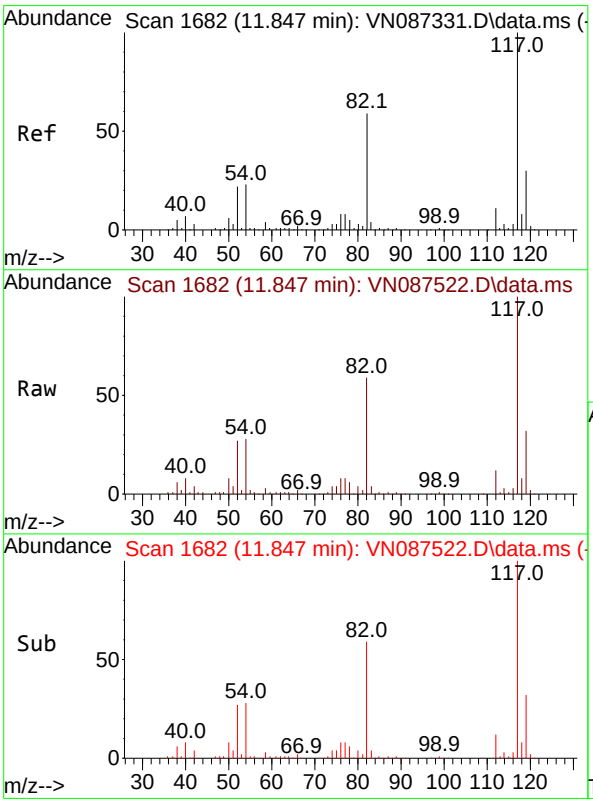
Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	149.4
176	65.7	0.0	141.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

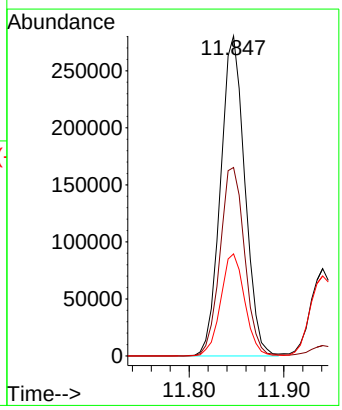
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

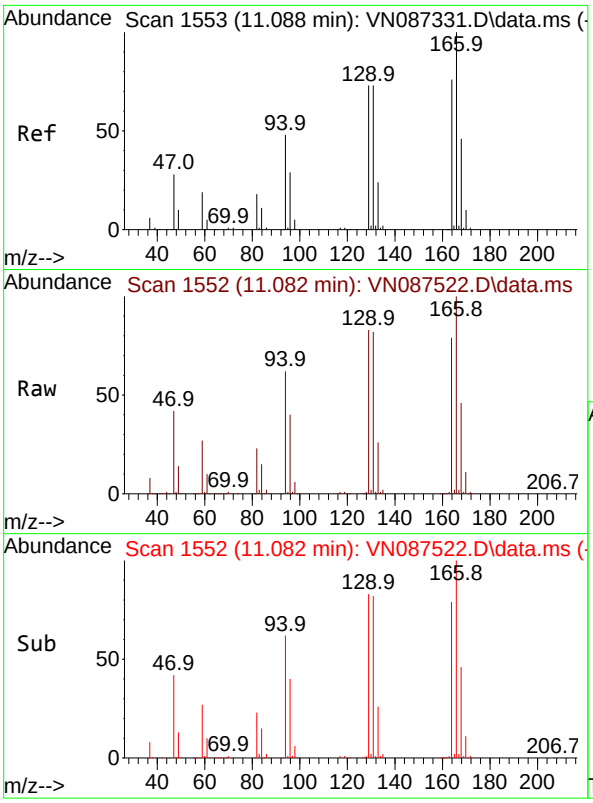


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:117 Resp: 499161

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	31.9	23.8	35.8

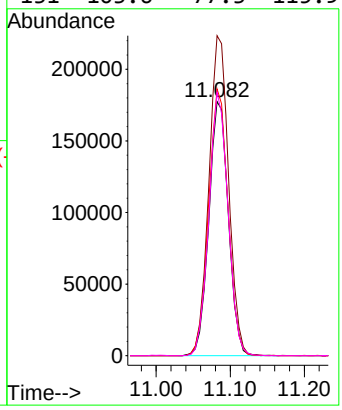




#64
Tetrachloroethene
Concen: 100.258 ug/l
RT: 11.082 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

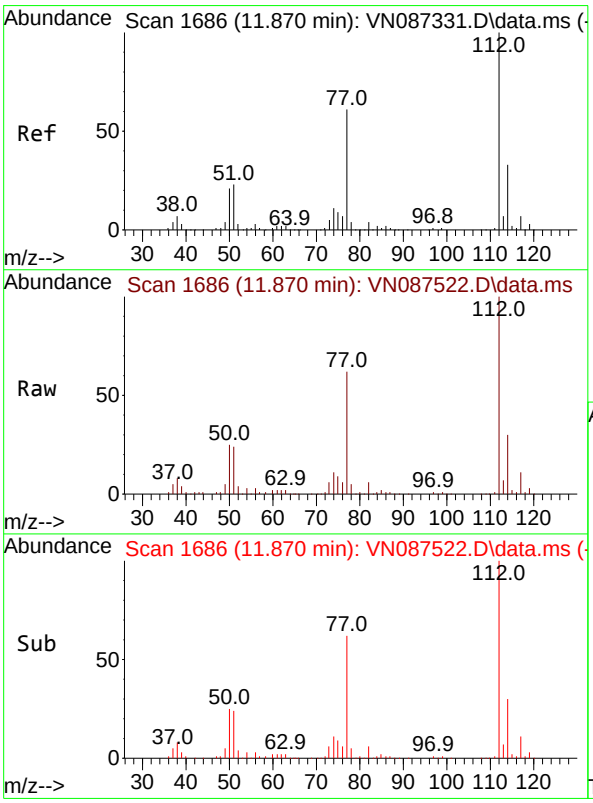
Tgt Ion:164 Resp: 32209

Ion	Ratio	Lower	Upper
164	100		
166	126.0	105.5	158.3
129	105.0	77.4	116.2
131	103.6	77.3	115.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

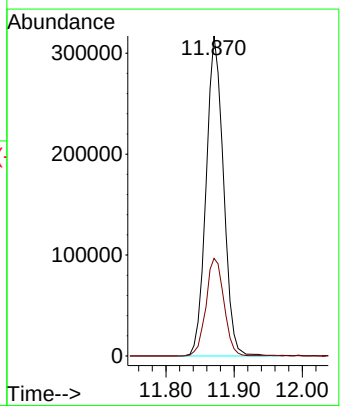
Manual Integrations
APPROVED
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

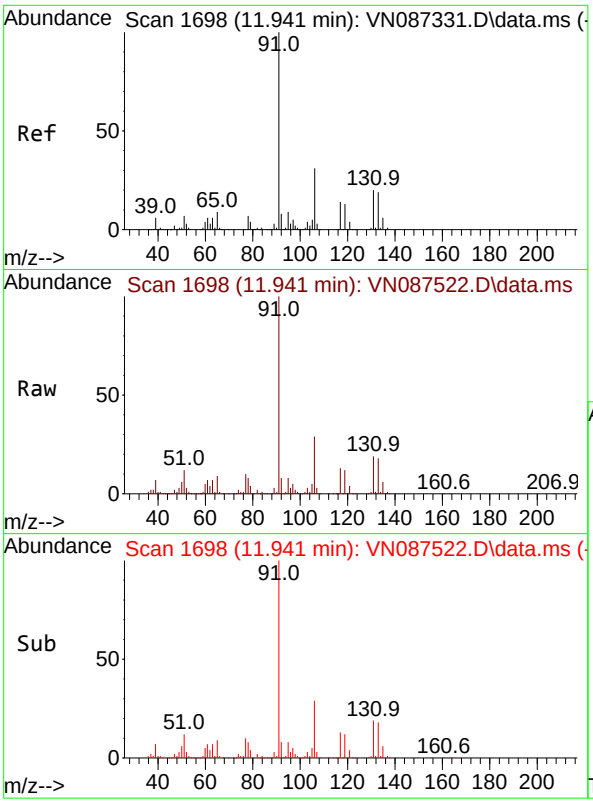


#65
Chlorobenzene
Concen: 50.058 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:112 Resp: 560976

Ion	Ratio	Lower	Upper
112	100		
114	30.5	26.5	39.7

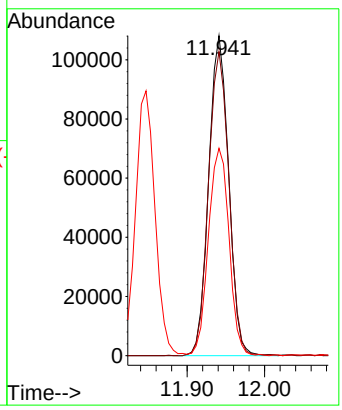




#66
1,1,1,2-Tetrachloroethane
Concen: 50.750 ug/l
RT: 11.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:131 Resp: 19339

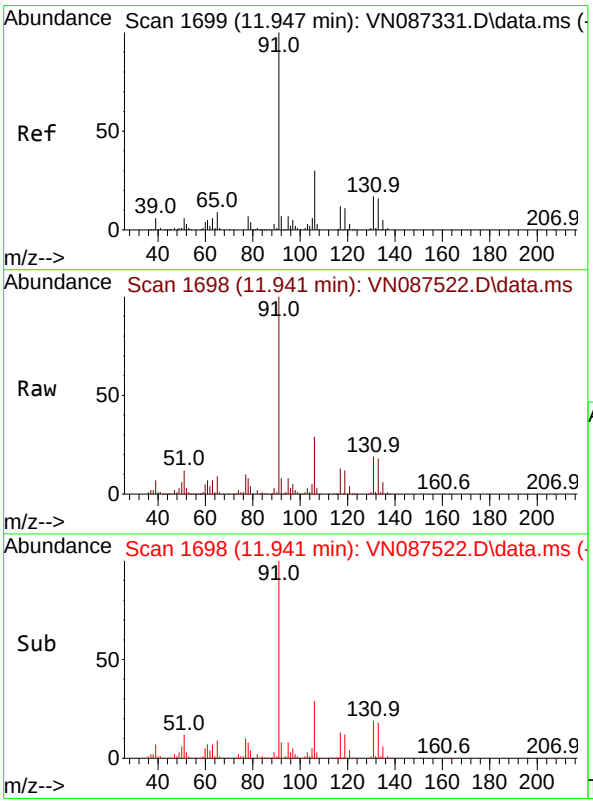
Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.4	142.3
119	67.1	33.1	99.2



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

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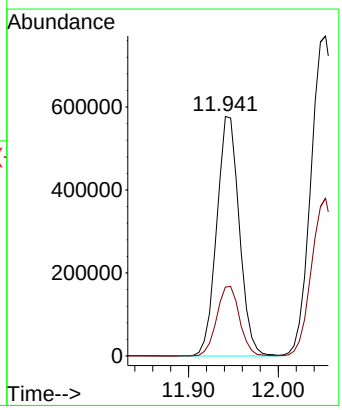
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

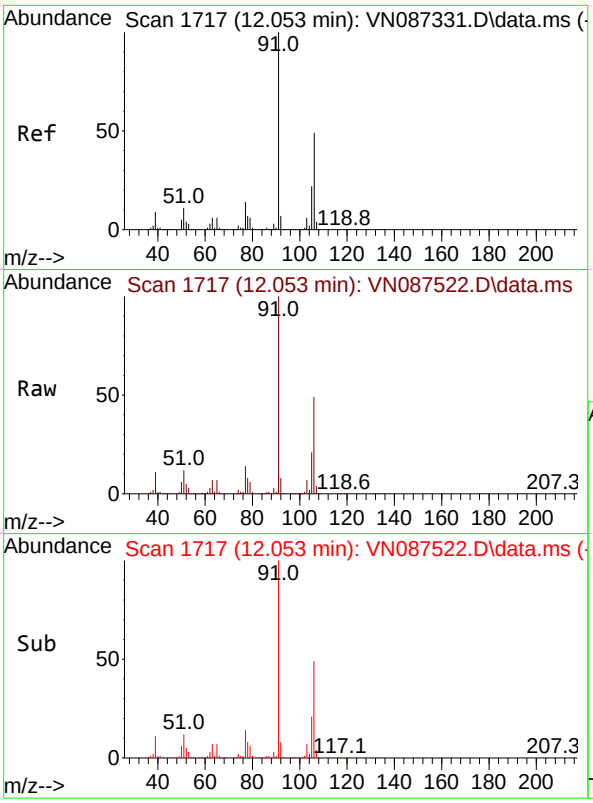


#67
Ethyl Benzene
Concen: 54.684 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 1008847

Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.3	36.5





#68
m/p-Xylenes
Concen: 108.328 ug/l
RT: 12.053 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

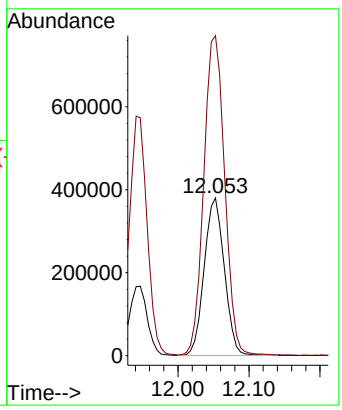
Tgt Ion:106 Resp: 74836

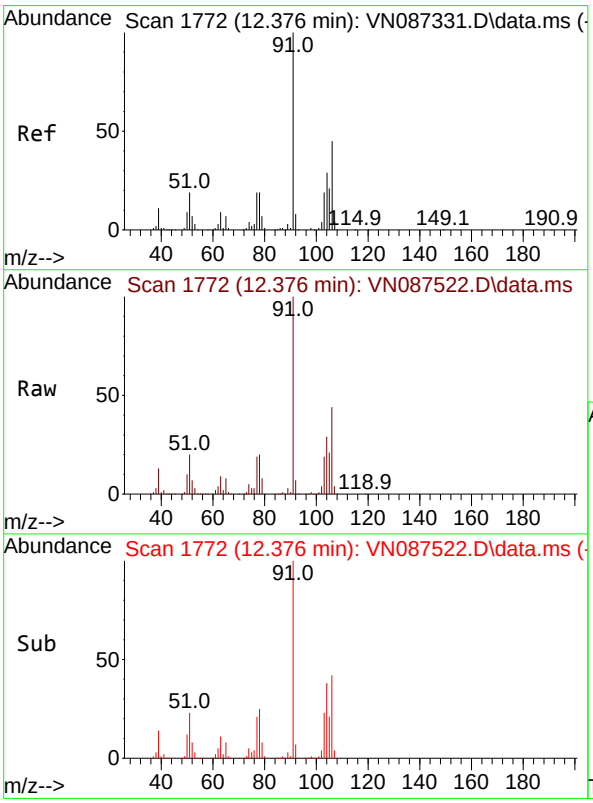
Ion	Ratio	Lower	Upper
106	100		
91	211.4	162.0	243.0

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

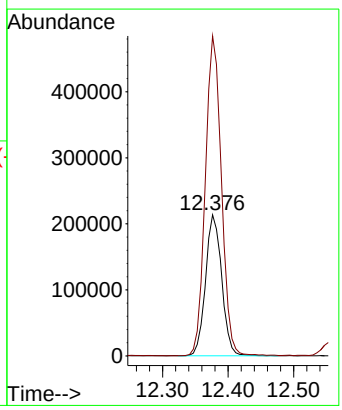


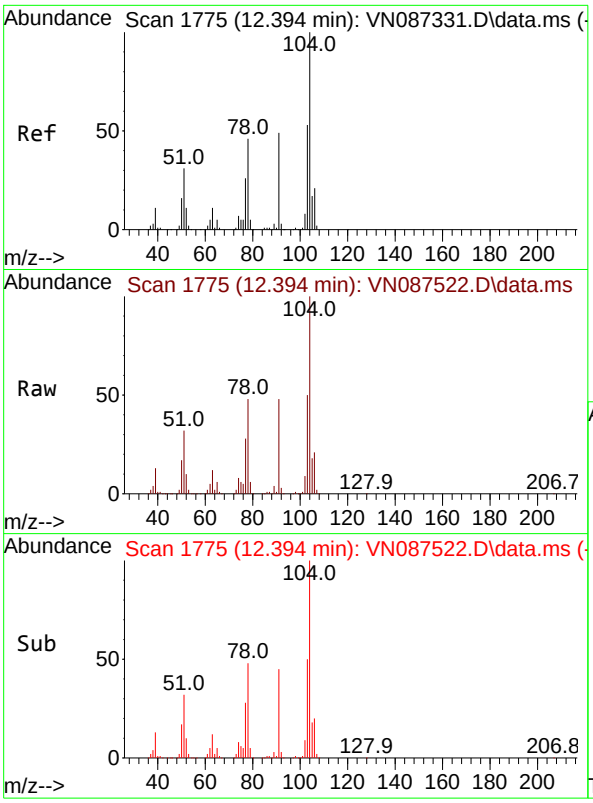


#69
o-Xylene
Concen: 55.474 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:106 Resp: 366073

Ion	Ratio	Lower	Upper
106	100		
91	226.5	107.7	323.3

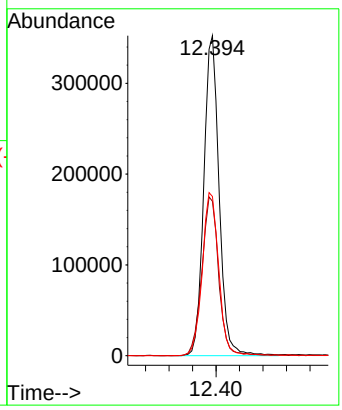




#70
Styrene
Concen: 57.383 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:104 Resp: 63700

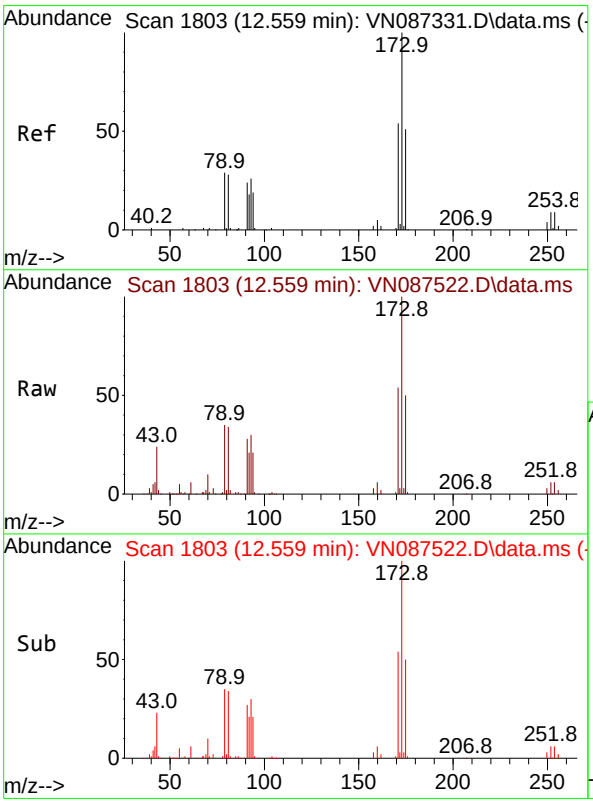
Ion	Ratio	Lower	Upper
104	100		
78	54.5	41.0	61.6
103	55.0	43.9	65.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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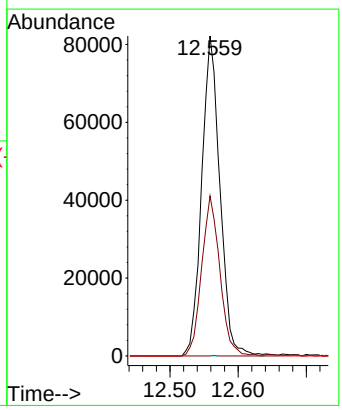
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

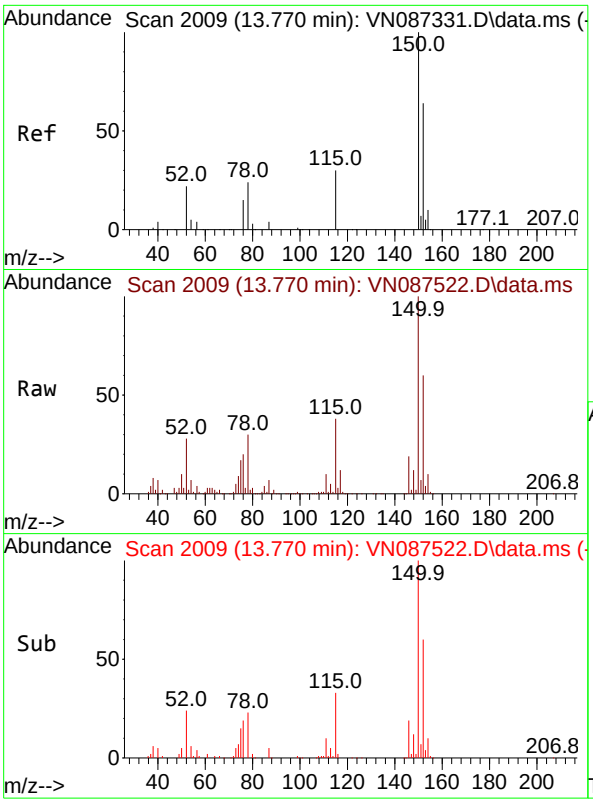


#71
Bromoform
Concen: 49.718 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:173 Resp: 153058

Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.1	72.3
254	0.0	0.0	0.0#

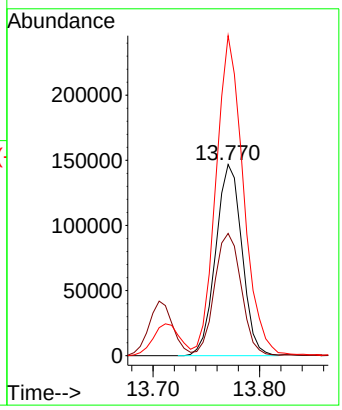




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

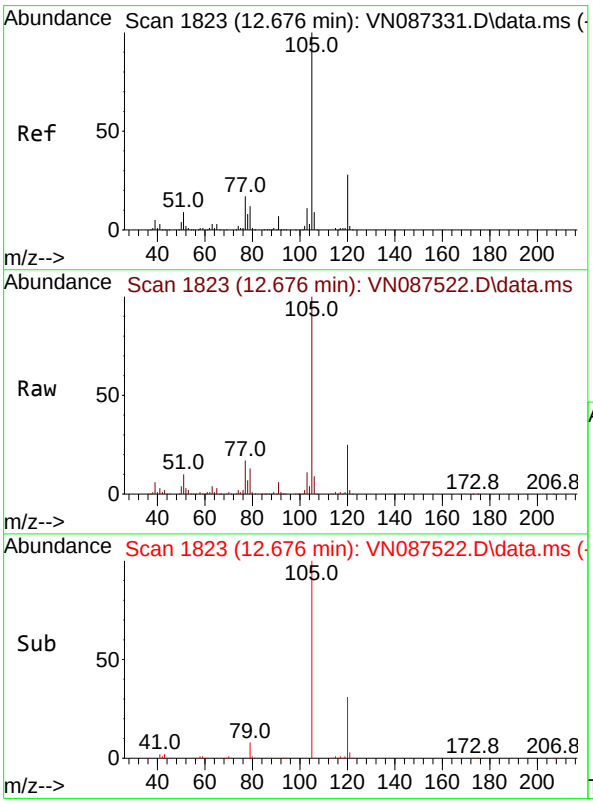
Tgt Ion:152 Resp: 25124

Ion	Ratio	Lower	Upper
152	100		
115	64.7	31.1	93.5
150	174.7	0.0	349.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

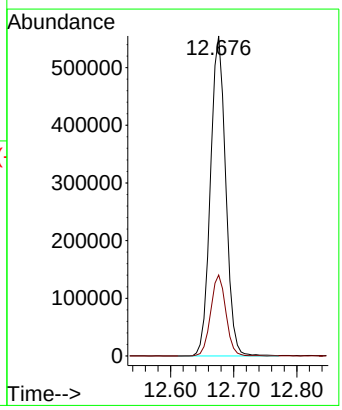
Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

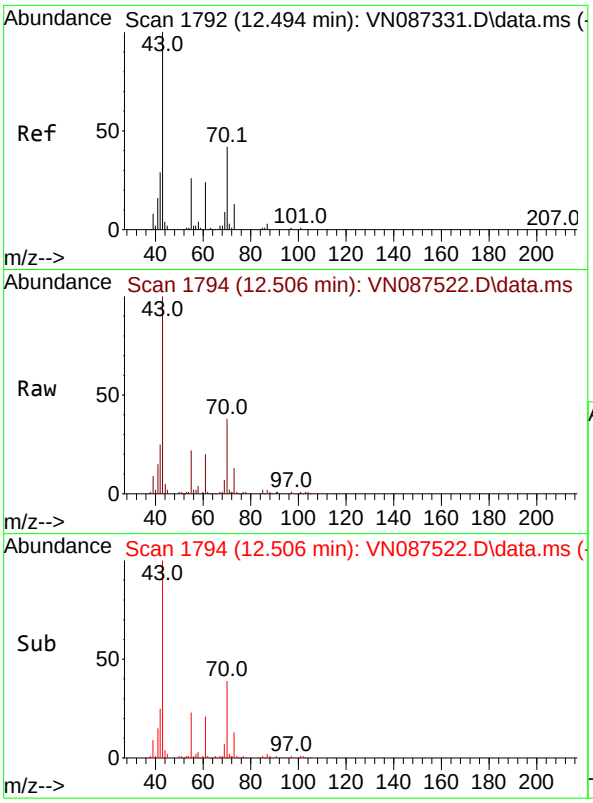


#73
Isopropylbenzene
Concen: 58.858 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:105 Resp: 930692

Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.4	40.1

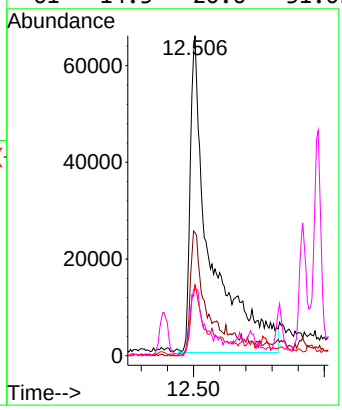




#74
N-amyl acetate
Concen: 53.408 ug/l m
RT: 12.506 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 43 Resp: 35087

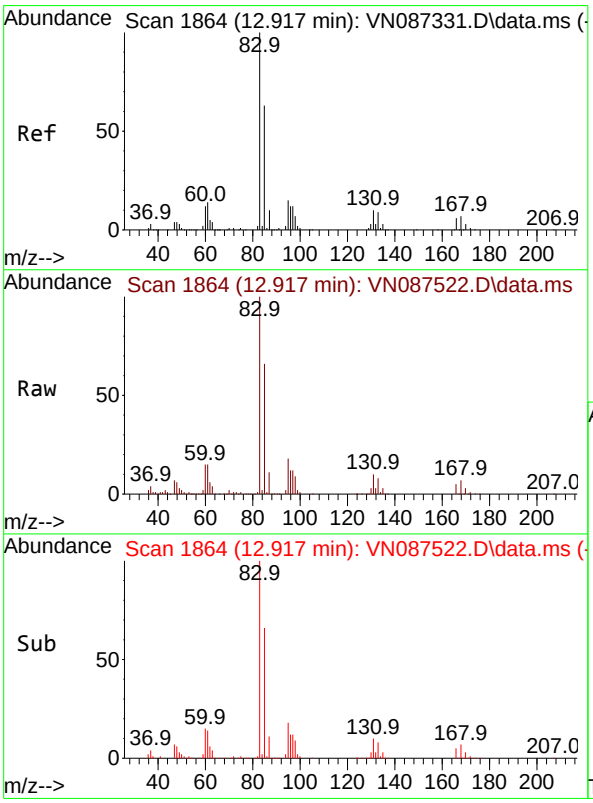
Ion	Ratio	Lower	Upper
43	100		
70	24.8	37.6	56.4#
55	12.3	19.6	29.4#
61	14.3	20.6	31.0#



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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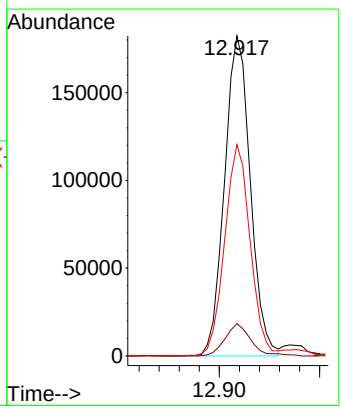
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

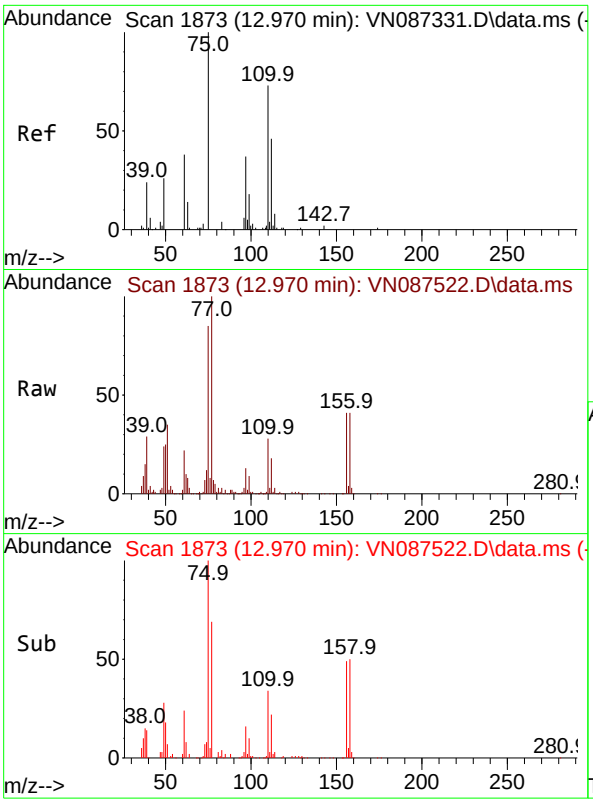


#75
1,1,2,2-Tetrachloroethane
Concen: 54.740 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 83 Resp: 325703

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	65.2	32.5	97.4





#76
1,2,3-Trichloropropane
Concen: 50.801 ug/l m
RT: 12.970 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

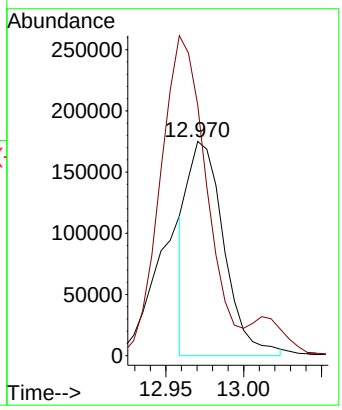
Tgt Ion: 75 Resp: 28620

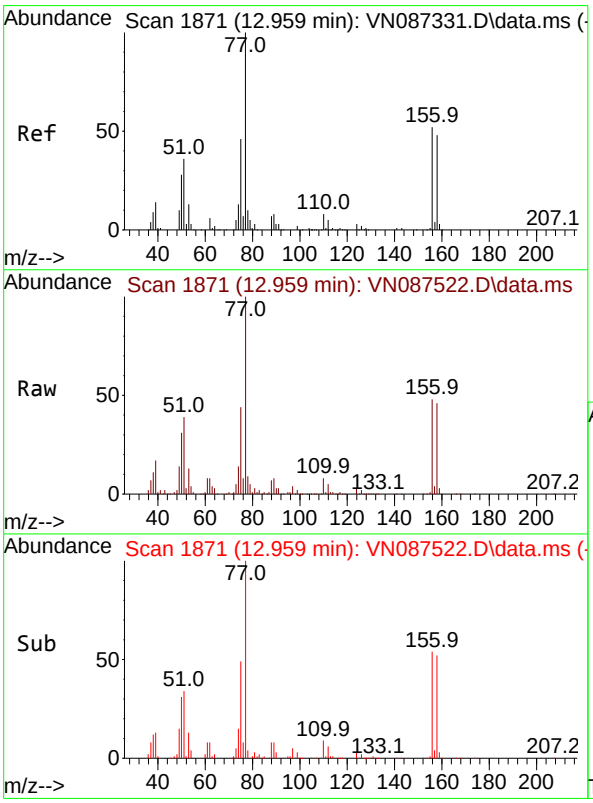
Ion	Ratio	Lower	Upper
75	100		
77	188.4	94.5	283.6

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

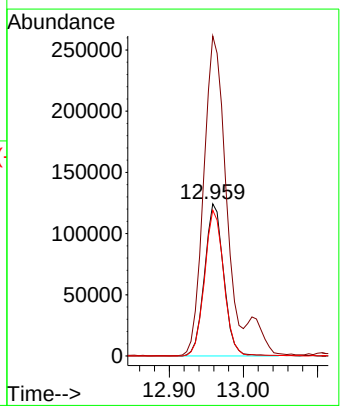


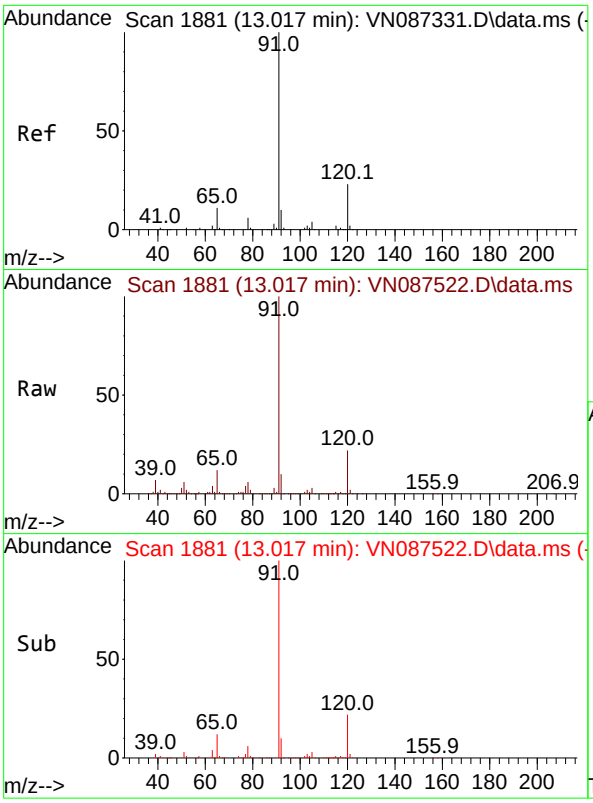


#77
Bromobenzene
Concen: 54.307 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:156 Resp: 222709

Ion	Ratio	Lower	Upper
156	100		
77	242.1	114.9	344.6
158	96.9	48.5	145.5





#78
n-propylbenzene
Concen: 57.922 ug/l
RT: 13.017 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

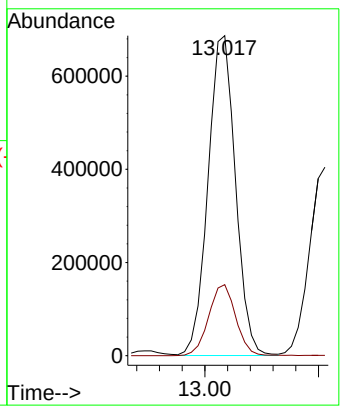
Tgt Ion: 91 Resp: 115234

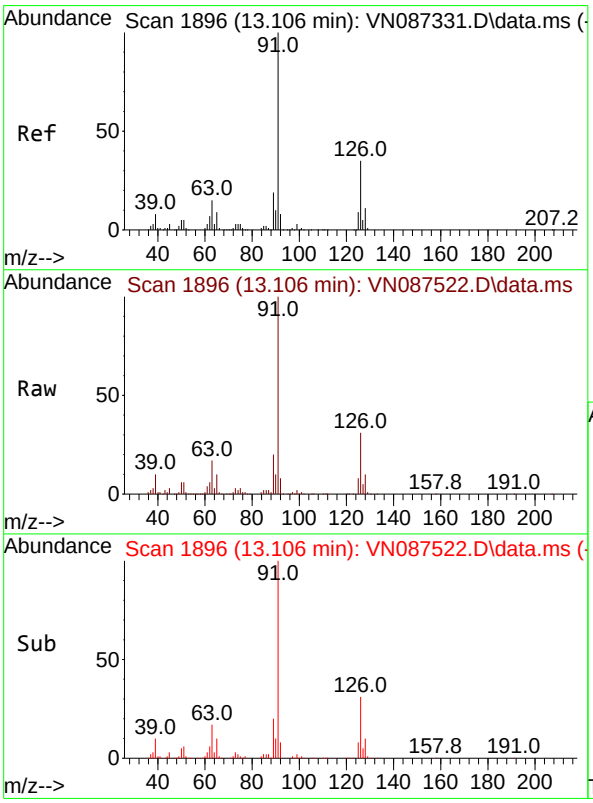
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

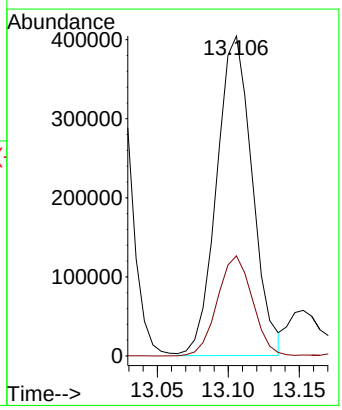


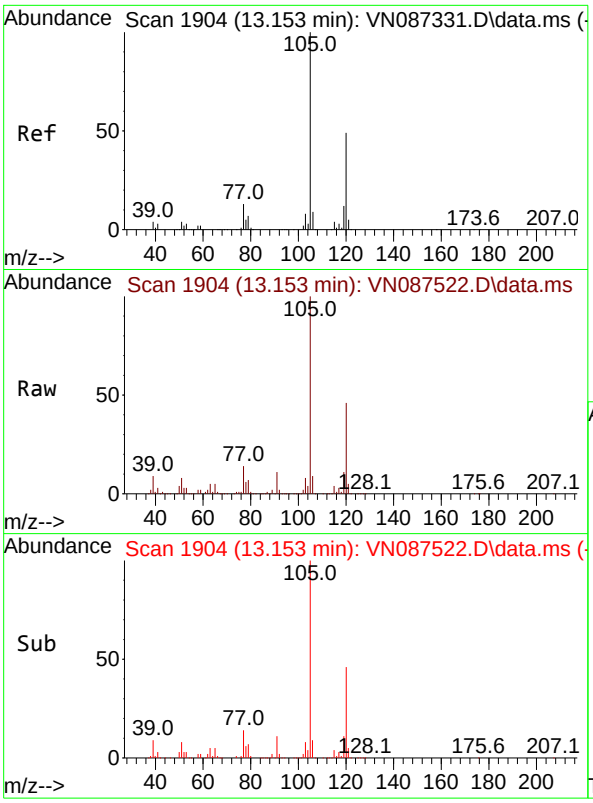


#79
2-Chlorotoluene
Concen: 57.709 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 705606

Ion	Ratio	Lower	Upper
91	100		
126	30.9	16.9	50.6

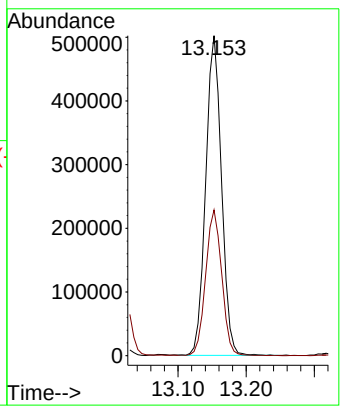




#80
1,3,5-Trimethylbenzene
Concen: 60.032 ug/l
RT: 13.153 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:105 Resp: 80878

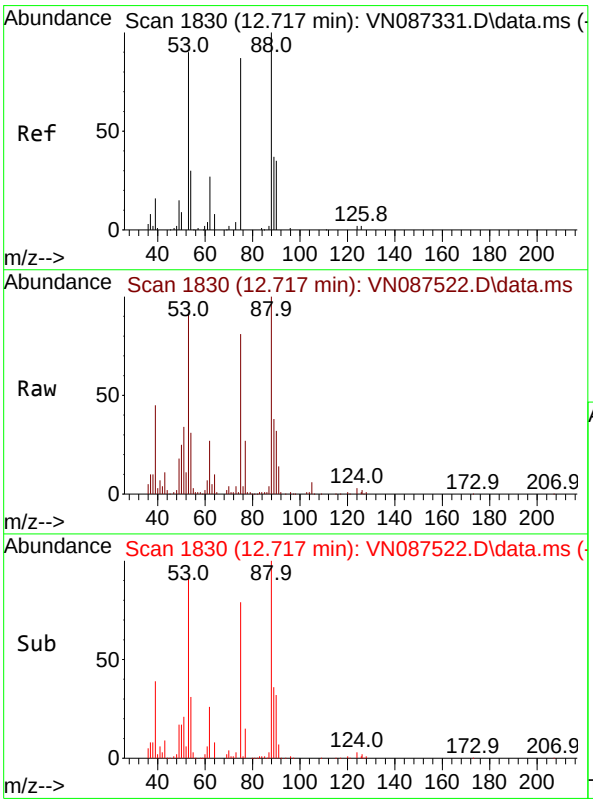
Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.3	72.8



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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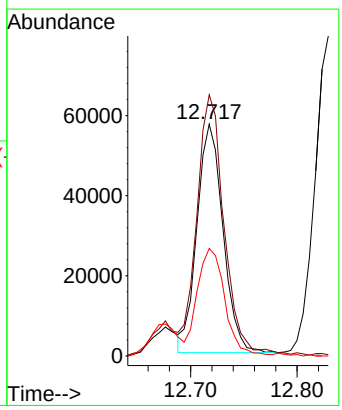
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

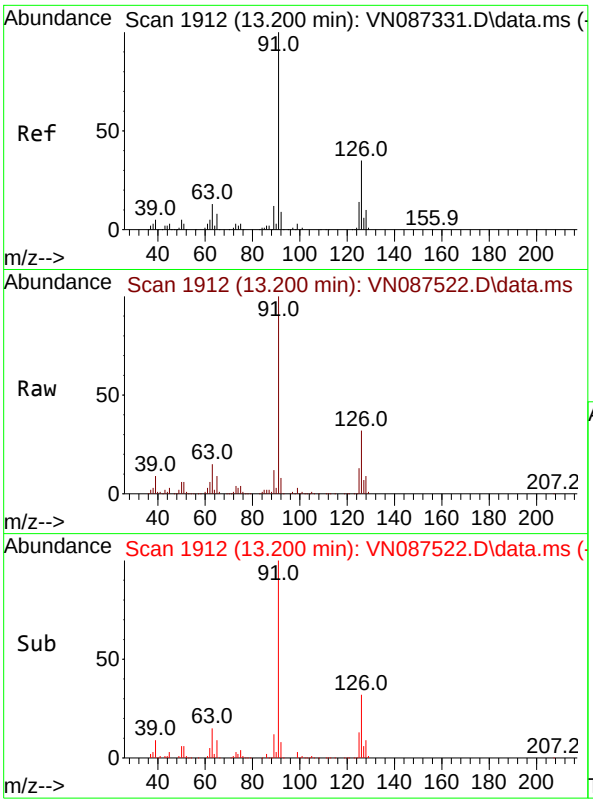


#81
trans-1,4-Dichloro-2-butene
Concen: 47.164 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 97113

Ion	Ratio	Lower	Upper
75	100		
53	119.1	83.5	125.3
89	48.4	38.4	57.6

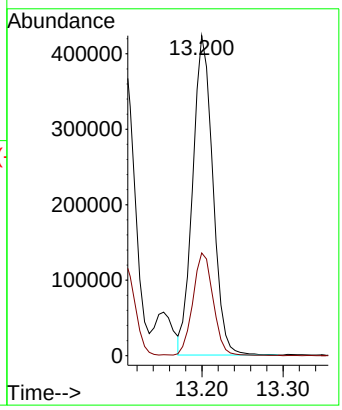




#82
4-Chlorotoluene
Concen: 57.263 ug/l
RT: 13.200 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 72894

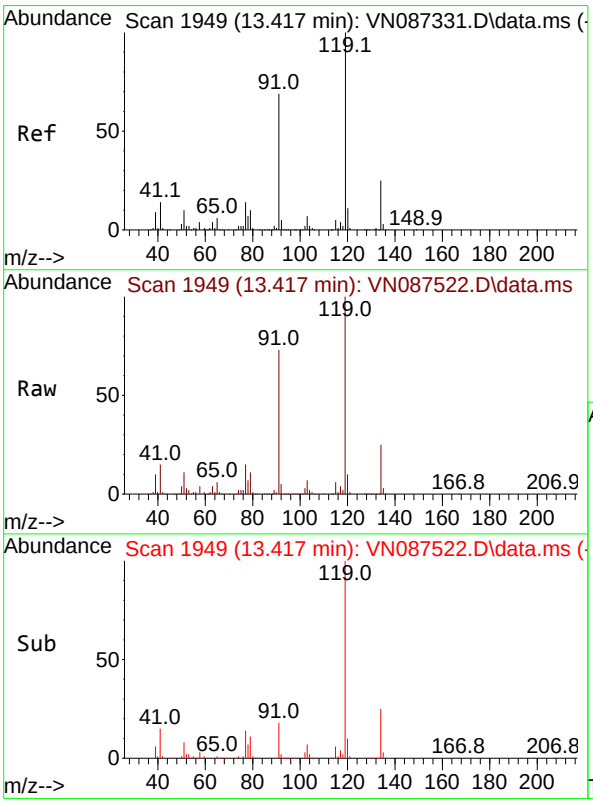
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.7



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
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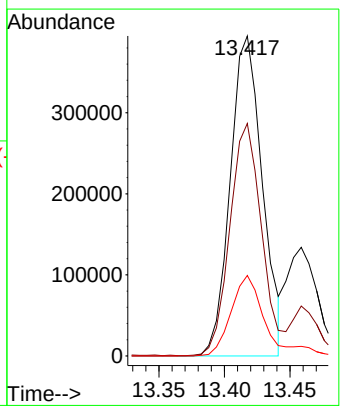
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

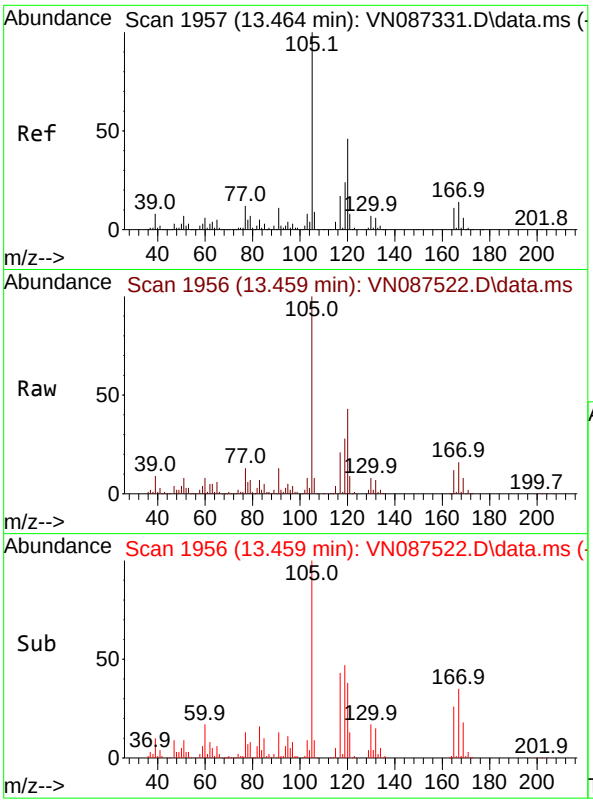


#83
tert-Butylbenzene
Concen: 59.799 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:119 Resp: 672878

Ion	Ratio	Lower	Upper
119	100		
91	72.1	35.0	105.1
134	26.8	12.6	37.6

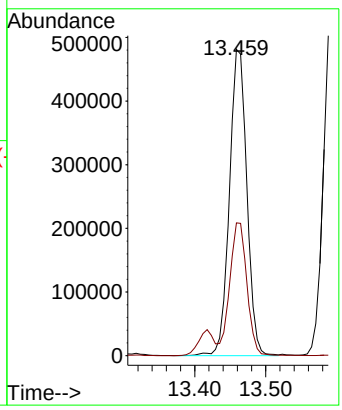




#84
1,2,4-Trimethylbenzene
Concen: 59.711 ug/l
RT: 13.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:105 Resp: 82153

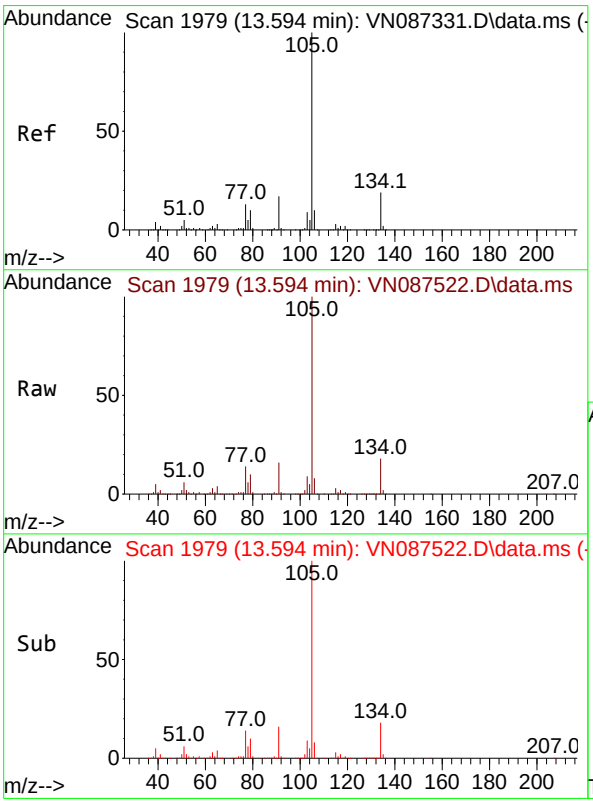
Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.8	68.3



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

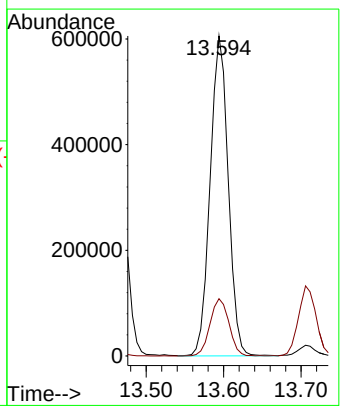
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

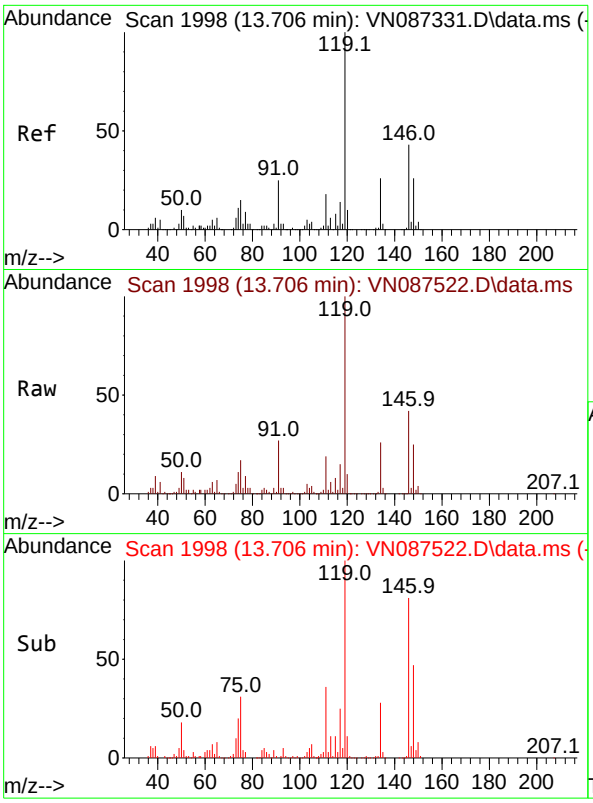


#85
sec-Butylbenzene
Concen: 57.952 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:105 Resp: 982242

Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.4

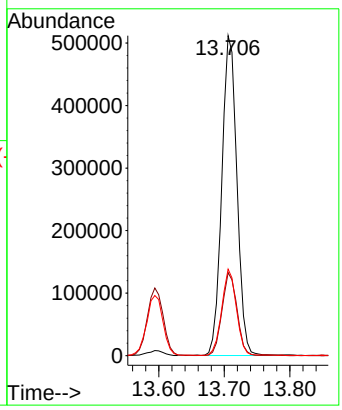




#86
p-Isopropyltoluene
Concen: 60.143 ug/l
RT: 13.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:119 Resp: 81692

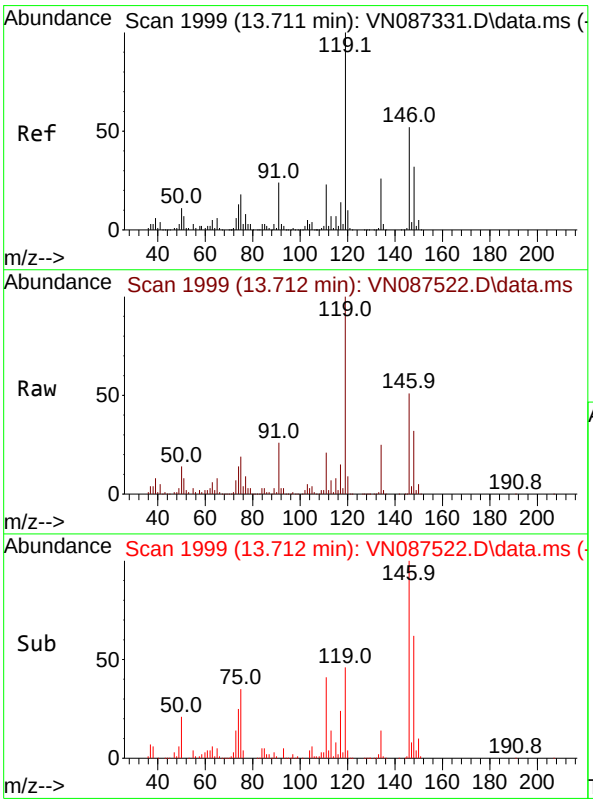
Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.5	40.5
91	26.3	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

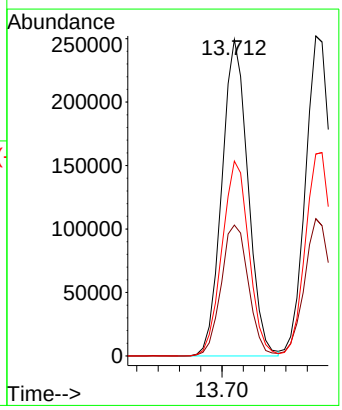
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

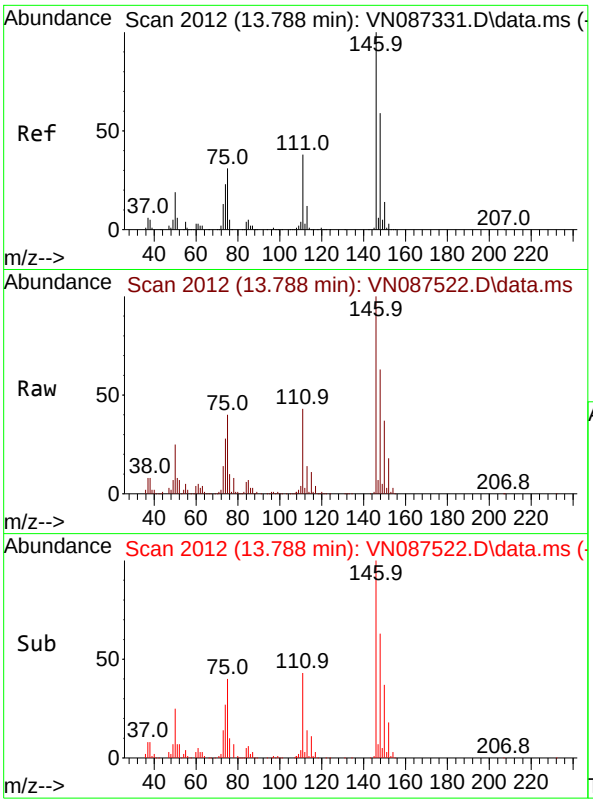


#87
1,3-Dichlorobenzene
Concen: 52.687 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:146 Resp: 424046

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.4	64.3
148	63.6	31.6	95.0

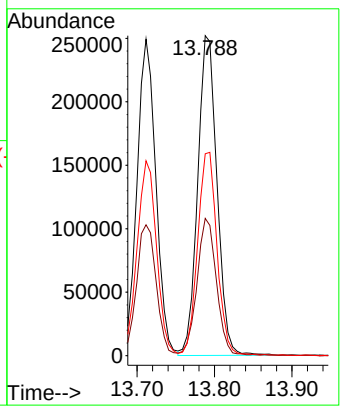




#88
1,4-Dichlorobenzene
Concen: 50.677 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:146 Resp: 43562

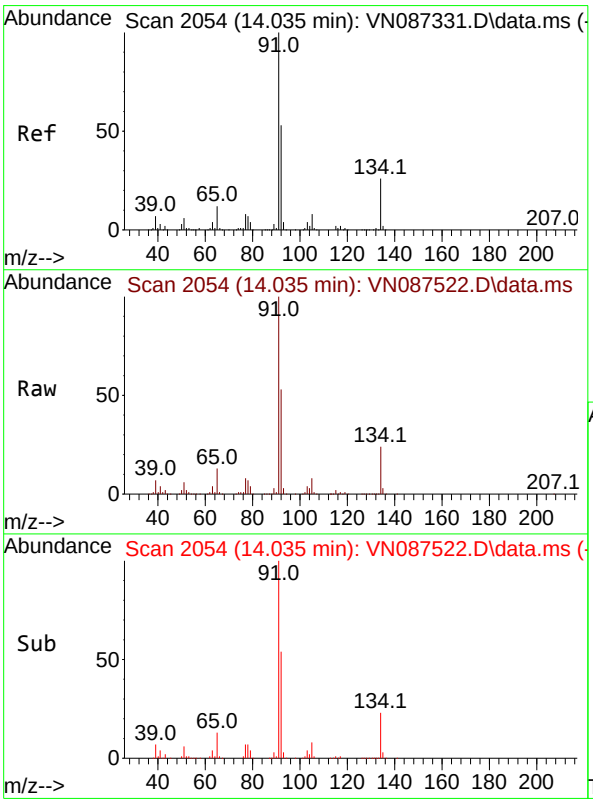
Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.6	58.7
148	64.3	31.4	94.0



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

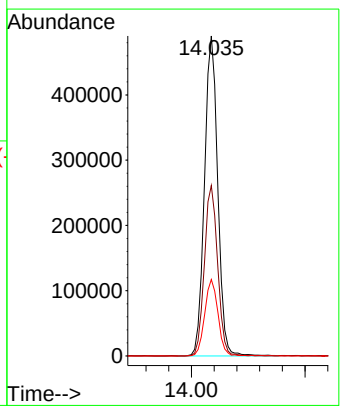
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

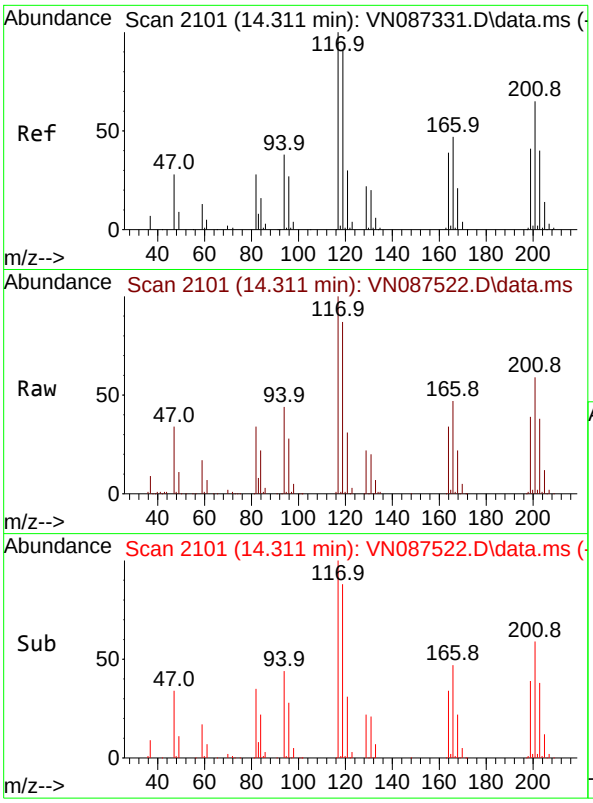


#89
n-Butylbenzene
Concen: 61.023 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 91 Resp: 791466

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.2	78.6
134	23.9	12.4	37.2





#90
Hexachloroethane
Concen: 53.113 ug/l
RT: 14.311 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

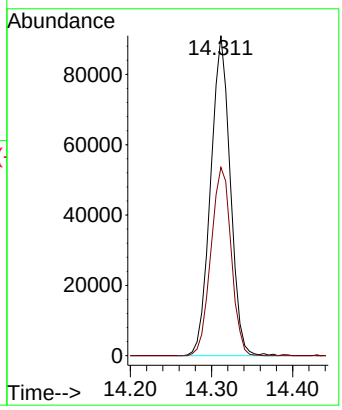
Tgt Ion:117 Resp: 15285

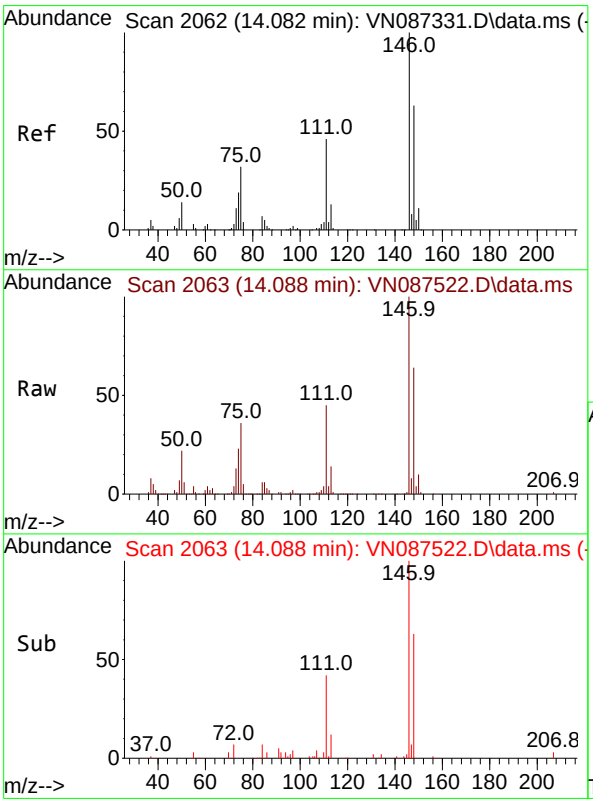
Ion	Ratio	Lower	Upper
117	100		
201	60.7	32.8	98.4

Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

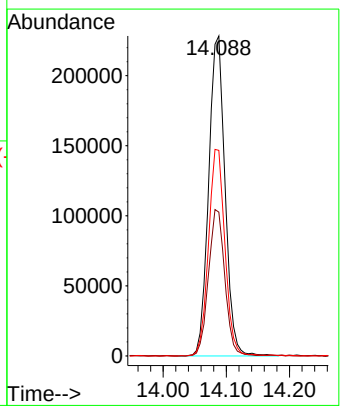


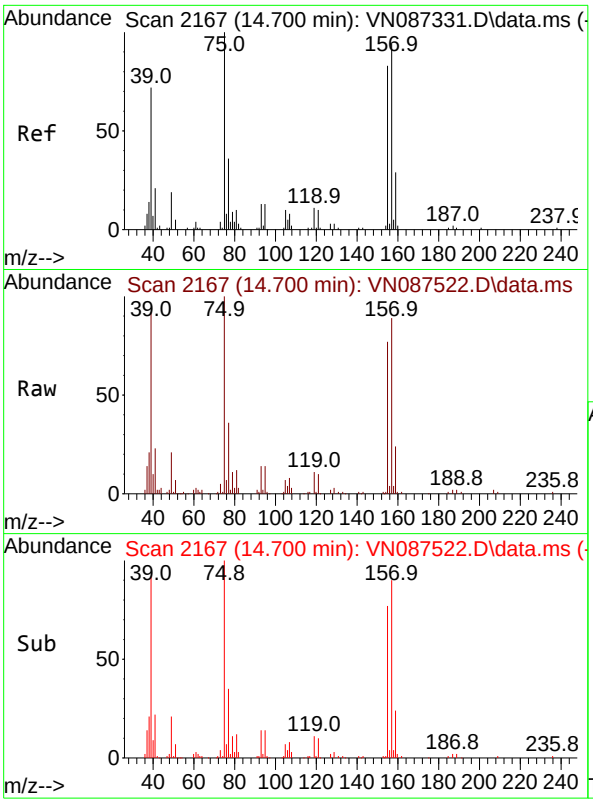


#91
1,2-Dichlorobenzene
Concen: 53.938 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:146 Resp: 411268

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.0	66.0
148	64.9	32.7	98.1

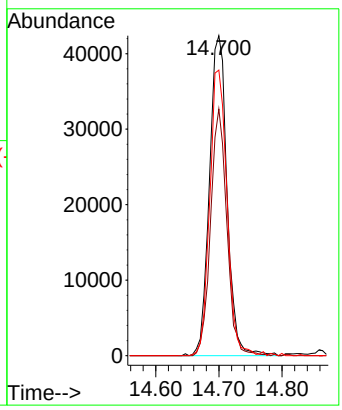




#92
1,2-Dibromo-3-Chloropropane
Concen: 52.580 ug/l
RT: 14.700 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 75 Resp: 8213

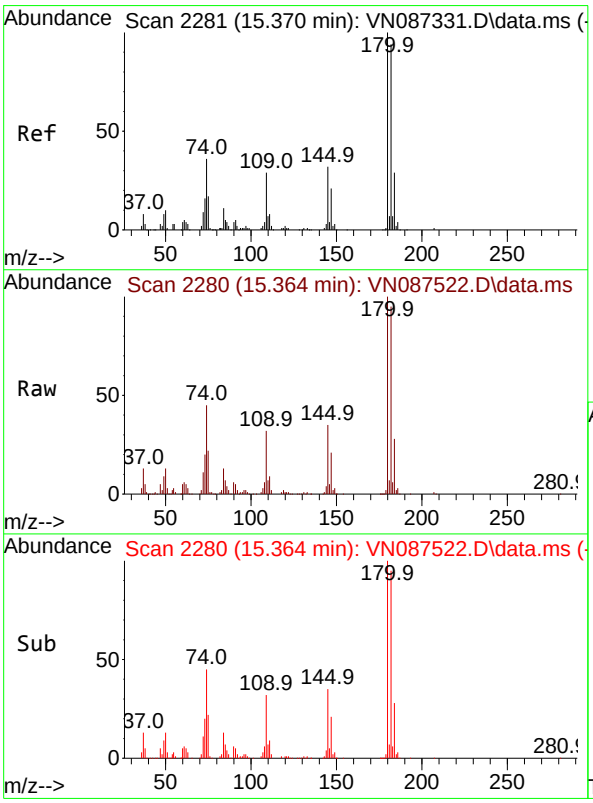
Ion	Ratio	Lower	Upper
75	100		
155	71.4	37.3	111.8
157	87.7	46.2	138.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

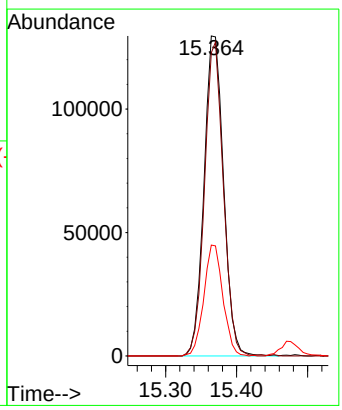
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

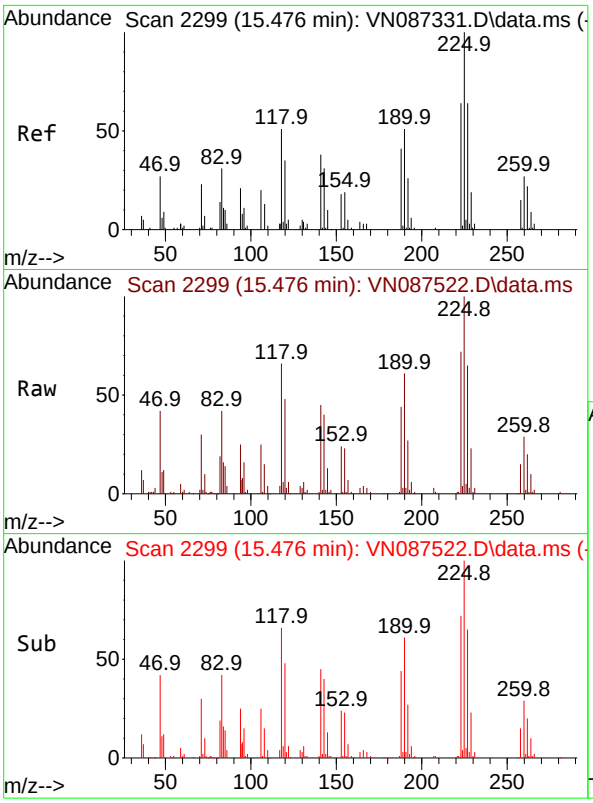


#93
1,2,4-Trichlorobenzene
Concen: 55.377 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:180 Resp: 248025

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.8
145	33.9	15.4	46.4

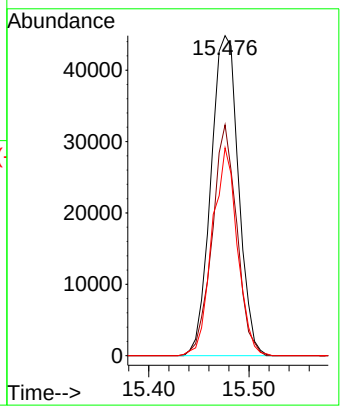




#94
Hexachlorobutadiene
Concen: 51.432 ug/l
RT: 15.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:225 Resp: 8559

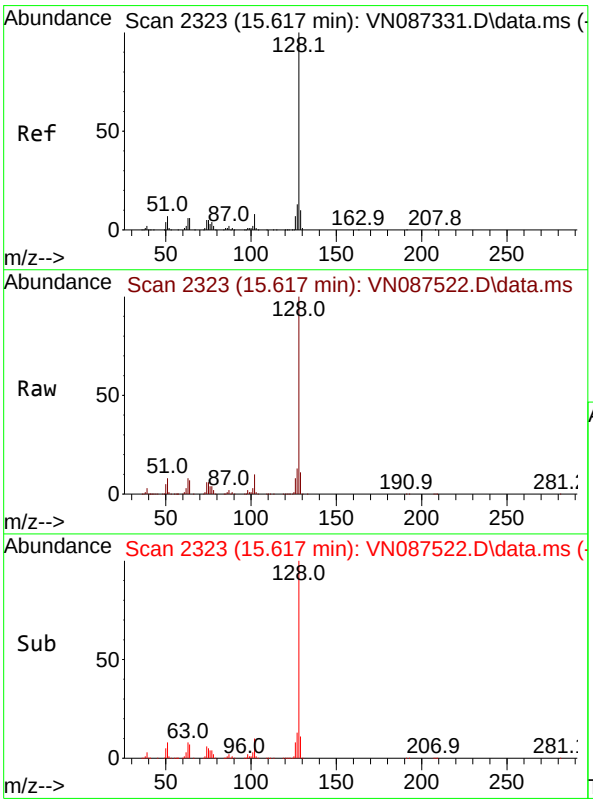
Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.1	96.3
227	59.3	31.3	93.9



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

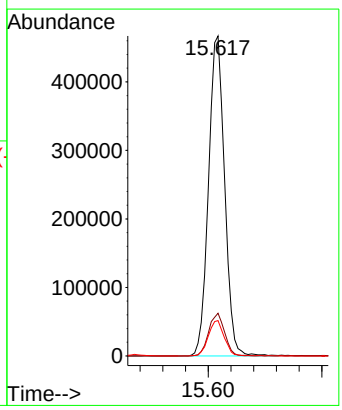
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

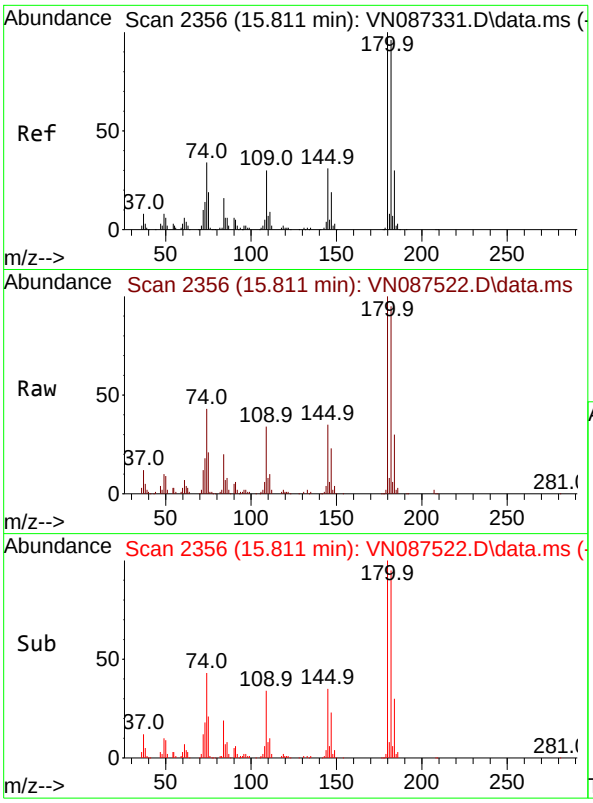


#95
Naphthalene
Concen: 57.770 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:128 Resp: 916636

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.4	12.6

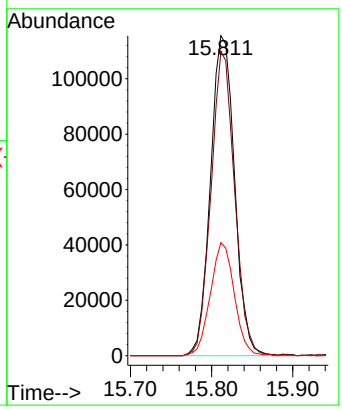




#96
1,2,3-Trichlorobenzene
Concen: 53.008 ug/l
RT: 15.811 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087522.D
Acq: 12 Aug 2025 18:02

Tgt Ion:180 Resp: 23815

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.4
145	35.2	16.9	50.6



Instrument :
MSVOA_N
ClientSampleId :
1056-MW-02(23.8)MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

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

Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN087328.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	1,4-Dichlorobenzene	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Acetone	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Allyl chloride	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	Methyl tert-butyl Ether	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC001	VN087328.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:52 AM	Sam	7/17/2025 8:24:59 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	Methyl Iodide	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC005	VN087329.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:53 AM	Sam	7/17/2025 8:24:55 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICC020	VN087330.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:54 AM	Sam	7/17/2025 8:24:56 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software
VSTDICCC050	VN087331.D	N-amyl acetate	MMDadoda	7/17/2025 8:19:56 AM	Sam	7/17/2025 8:25:01 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN071625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN087332.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:58 AM	Sam	7/17/2025 8:25:00 AM	Peak Integrated by Software
VSTDICC150	VN087333.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:19:59 AM	Sam	7/17/2025 8:25:02 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	1,2,3-Trichloropropane	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software
VSTDICV050	VN087335.D	N-amyl acetate	MMDadoda	7/17/2025 8:20:01 AM	Sam	7/17/2025 8:25:03 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn081225	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087502.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:54:54 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
VN0812WBS01	VN087505.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:55:00 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
VN0812WBS01	VN087505.D	N-amyl acetate	JOHN	8/13/2025 8:55:00 AM	MMDadoda	8/14/2025 7:34:45 PM	Peak Integrated by Software
Q2816-03MS	VN087521.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:56:28 AM	MMDadoda	8/14/2025 7:34:52 PM	Peak Integrated by Software
Q2816-03MS	VN087521.D	N-amyl acetate	JOHN	8/13/2025 8:56:28 AM	MMDadoda	8/14/2025 7:34:52 PM	Peak Integrated by Software
Q2816-04MSD	VN087522.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:56:34 AM	MMDadoda	8/14/2025 7:34:54 PM	Peak Integrated by Software
Q2816-04MSD	VN087522.D	N-amyl acetate	JOHN	8/13/2025 8:56:34 AM	MMDadoda	8/14/2025 7:34:54 PM	Peak Integrated by Software
VSTDCCC050	VN087523.D	1,2,3-Trichloropropane	JOHN	8/13/2025 8:56:38 AM	MMDadoda	8/14/2025 7:34:56 PM	Peak Integrated by Software
VSTDCCC050	VN087523.D	N-amyl acetate	JOHN	8/13/2025 8:56:38 AM	MMDadoda	8/14/2025 7:34:56 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn081325	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN087525.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:09 AM	MMDadoda	8/18/2025 8:47:04 AM	Peak Integrated by Software
VN0813WBS01	VN087528.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:15 AM	MMDadoda	8/18/2025 8:47:06 AM	Peak Integrated by Software
VN0813WBS01	VN087528.D	N-amyl acetate	JOHN	8/14/2025 8:56:15 AM	MMDadoda	8/18/2025 8:47:06 AM	Peak Integrated by Software
VSTDCCC050	VN087550.D	1,2,3-Trichloropropane	JOHN	8/14/2025 8:56:57 AM	MMDadoda	8/18/2025 8:47:58 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087327.D	16 Jul 2025 16:10	JC\MD	Ok
2	VSTDICC001	VN087328.D	16 Jul 2025 17:05	JC\MD	Ok,M
3	VSTDICC005	VN087329.D	16 Jul 2025 17:27	JC\MD	Ok,M
4	VSTDICC020	VN087330.D	16 Jul 2025 17:49	JC\MD	Ok,M
5	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	JC\MD	Ok,M
6	VSTDICC100	VN087332.D	16 Jul 2025 18:32	JC\MD	Ok,M
7	VSTDICC150	VN087333.D	16 Jul 2025 18:54	JC\MD	Ok,M
8	IBLK	VN087334.D	16 Jul 2025 19:16	JC\MD	Ok
9	VSTDICV050	VN087335.D	16 Jul 2025 19:59	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087501.D	12 Aug 2025 07:57	JC\MD	Ok
2	VSTDCCC050	VN087502.D	12 Aug 2025 10:24	JC\MD	Ok,M
3	VN0812MBL01	VN087503.D	12 Aug 2025 10:45	JC\MD	Ok
4	VN0812WBL01	VN087504.D	12 Aug 2025 11:07	JC\MD	Ok
5	VN0812WBS01	VN087505.D	12 Aug 2025 11:42	JC\MD	Ok,M
6	VN0812WBSD01	VN087506.D	12 Aug 2025 12:15	JC\MD	Ok,M
7	PB169201TB	VN087507.D	12 Aug 2025 12:37	JC\MD	Ok
8	Q2808-04	VN087508.D	12 Aug 2025 12:58	JC\MD	ReRun
9	Q2827-04	VN087509.D	12 Aug 2025 13:19	JC\MD	ReRun
10	Q2831-03	VN087510.D	12 Aug 2025 13:41	JC\MD	Ok
11	Q2827-08	VN087511.D	12 Aug 2025 14:02	JC\MD	Ok,M
12	Q2816-01	VN087512.D	12 Aug 2025 14:24	JC\MD	Dilution
13	Q2816-05	VN087513.D	12 Aug 2025 14:46	JC\MD	Dilution
14	Q2816-06	VN087514.D	12 Aug 2025 15:07	JC\MD	Ok
15	Q2816-07	VN087515.D	12 Aug 2025 15:29	JC\MD	Ok
16	Q2816-08	VN087516.D	12 Aug 2025 15:51	JC\MD	ReRun
17	Q2816-09	VN087517.D	12 Aug 2025 16:13	JC\MD	Ok
18	Q2825-01	VN087518.D	12 Aug 2025 16:35	JC\MD	ReRun
19	Q2825-02	VN087519.D	12 Aug 2025 16:57	JC\MD	Ok
20	Q2816-02	VN087520.D	12 Aug 2025 17:19	JC\MD	Ok
21	Q2816-03MS	VN087521.D	12 Aug 2025 17:41	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2816-04MSD	VN087522.D	12 Aug 2025 18:02	JC\MD	Ok,M
23	VSTDCCC050	VN087523.D	12 Aug 2025 18:24	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN087524.D	13 Aug 2025 09:04	JC\MD	Ok
2	VSTDCCC050	VN087525.D	13 Aug 2025 10:57	JC\MD	Ok,M
3	VN0813MBL01	VN087526.D	13 Aug 2025 11:19	JC\MD	Ok
4	VN0813WBL01	VN087527.D	13 Aug 2025 11:41	JC\MD	Ok
5	VN0813WBS01	VN087528.D	13 Aug 2025 12:39	JC\MD	Ok,M
6	PB169213TB	VN087529.D	13 Aug 2025 13:01	JC\MD	Ok
7	VN0813WBSD01	VN087530.D	13 Aug 2025 13:23	JC\MD	Ok,M
8	Q2816-05DL	VN087531.D	13 Aug 2025 13:45	JC\MD	Ok
9	Q2816-01DL	VN087532.D	13 Aug 2025 14:07	JC\MD	Ok
10	Q2816-08	VN087533.D	13 Aug 2025 14:29	JC\MD	Ok
11	Q2825-02RE	VN087534.D	13 Aug 2025 14:51	JC\MD	Not Ok
12	Q2825-01	VN087535.D	13 Aug 2025 15:14	JC\MD	Ok,M
13	Q2808-04RE	VN087536.D	13 Aug 2025 15:36	JC\MD	Confirms
14	Q2827-04RE	VN087537.D	13 Aug 2025 15:58	JC\MD	Confirms
15	Q2732-01	VN087538.D	13 Aug 2025 16:21	JC\MD	Ok
16	Q2832-02	VN087539.D	13 Aug 2025 16:43	JC\MD	ReRun
17	Q2832-04	VN087540.D	13 Aug 2025 17:05	JC\MD	ReRun
18	Q2832-06	VN087541.D	13 Aug 2025 17:27	JC\MD	Ok
19	Q2832-08	VN087542.D	13 Aug 2025 17:50	JC\MD	Ok
20	Q2832-10	VN087543.D	13 Aug 2025 18:12	JC\MD	Ok
21	Q2836-01	VN087544.D	13 Aug 2025 18:34	JC\MD	ReRun

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2836-05	VN087545.D	13 Aug 2025 18:56	JC\MD	ReRun
23	Q2836-09	VN087546.D	13 Aug 2025 19:18	JC\MD	ReRun
24	Q2836-13	VN087547.D	13 Aug 2025 19:40	JC\MD	ReRun
25	Q2838-04	VN087548.D	13 Aug 2025 20:02	JC\MD	ReRun
26	Q2838-08	VN087549.D	13 Aug 2025 20:24	JC\MD	ReRun
27	VSTDCCC050	VN087550.D	13 Aug 2025 20:46	JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN071625

Review By	Mahesh Dadoda	Review On	7/17/2025 8:20:05 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/17/2025 8:25:10 AM		
SubDirectory	VN071625	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134794
Initial Calibration Stds	VP134795,VP134796,VP134797,VP134798,VP134799,VP134800
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134801
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN087327.D	16 Jul 2025 16:10		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN087328.D	16 Jul 2025 17:05		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN087329.D	16 Jul 2025 17:27	% d fail for com.#10 in 5 ppb	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN087330.D	16 Jul 2025 17:49	LR- 10,20	JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN087331.D	16 Jul 2025 18:11	QR- 56	JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN087332.D	16 Jul 2025 18:32		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN087333.D	16 Jul 2025 18:54		JC\MD	Ok,M
8	IBLK	IBLK	VN087334.D	16 Jul 2025 19:16		JC\MD	Ok
9	VSTDICV050	ICVVN071625	VN087335.D	16 Jul 2025 19:59		JC\MD	Ok,M

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
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	VN087501.D	12 Aug 2025 07:57		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087502.D	12 Aug 2025 10:24	pH#Lot#V12668	JC\MD	Ok,M
3	VN0812MBL01	VN0812MBL01	VN087503.D	12 Aug 2025 10:45		JC\MD	Ok
4	VN0812WBL01	VN0812WBL01	VN087504.D	12 Aug 2025 11:07		JC\MD	Ok
5	VN0812WBS01	VN0812WBS01	VN087505.D	12 Aug 2025 11:42		JC\MD	Ok,M
6	VN0812WBSD01	VN0812WBSD01	VN087506.D	12 Aug 2025 12:15		JC\MD	Ok,M
7	PB169201TB	PB169201TB	VN087507.D	12 Aug 2025 12:37		JC\MD	Ok
8	Q2808-04	TP-7	VN087508.D	12 Aug 2025 12:58	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
9	Q2827-04	TP-8	VN087509.D	12 Aug 2025 13:19	vial A pH#5.0 Surrogate Fail	JC\MD	ReRun
10	Q2831-03	VNJ-238	VN087510.D	12 Aug 2025 13:41	vial A pH#5.0	JC\MD	Ok
11	Q2827-08	TP-9	VN087511.D	12 Aug 2025 14:02	vial A pH#5.0	JC\MD	Ok,M
12	Q2816-01	1055-MW-01(23)	VN087512.D	12 Aug 2025 14:24	vial A pH<2 Need 20X	JC\MD	Dilution
13	Q2816-05	1057-MW-03A(17)	VN087513.D	12 Aug 2025 14:46	vial A pH<2 Need 5X	JC\MD	Dilution
14	Q2816-06	1058-MW-11(15)	VN087514.D	12 Aug 2025 15:07	vial A pH<2	JC\MD	Ok
15	Q2816-07	1059-MW-17A(15.5)	VN087515.D	12 Aug 2025 15:29	vial A pH<2	JC\MD	Ok
16	Q2816-08	1060-FB080725	VN087516.D	12 Aug 2025 15:51	vial A pH<2 FB;Hit of Com.#16	JC\MD	ReRun
17	Q2816-09	1061-TB080725	VN087517.D	12 Aug 2025 16:13	vial A pH<2 TB	JC\MD	Ok
18	Q2825-01	TW1	VN087518.D	12 Aug 2025 16:35	vial A pH<2 Surrogate Fail	JC\MD	ReRun

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081225

Review By	John Carlone	Review On	8/13/2025 9:02:08 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/14/2025 7:35:02 PM		
SubDirectory	VN081225	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135094
Initial Calibration Stds	
CCC	VP135095,VP135096
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2825-02	FB	VN087519.D	12 Aug 2025 16:57	vial A pH<2 FB	JC\MD	Ok
20	Q2816-02	1056-MW-02(23.8)	VN087520.D	12 Aug 2025 17:19	vial A pH<2	JC\MD	Ok
21	Q2816-03MS	1056-MW-02(23.8)MS	VN087521.D	12 Aug 2025 17:41	vial A pH<2	JC\MD	Ok,M
22	Q2816-04MSD	1056-MW-02(23.8)MSD	VN087522.D	12 Aug 2025 18:02	vial A pH<2	JC\MD	Ok,M
23	VSTDCCC050	VSTDCCC050EC	VN087523.D	12 Aug 2025 18:24		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
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	VN087524.D	13 Aug 2025 09:04		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN087525.D	13 Aug 2025 10:57	pH#Lot#V12668	JC\MD	Ok,M
3	VN0813MBL01	VN0813MBL01	VN087526.D	13 Aug 2025 11:19		JC\MD	Ok
4	VN0813WBL01	VN0813WBL01	VN087527.D	13 Aug 2025 11:41		JC\MD	Ok
5	VN0813WBS01	VN0813WBS01	VN087528.D	13 Aug 2025 12:39		JC\MD	Ok,M
6	PB169213TB	PB169213TB	VN087529.D	13 Aug 2025 13:01		JC\MD	Ok
7	VN0813WBSD01	VN0813WBSD01	VN087530.D	13 Aug 2025 13:23		JC\MD	Ok,M
8	Q2816-05DL	1057-MW-03A(17)DL	VN087531.D	13 Aug 2025 13:45	vial B pH<2	JC\MD	Ok
9	Q2816-01DL	1055-MW-01(23)DL	VN087532.D	13 Aug 2025 14:07	vial B pH<2	JC\MD	Ok
10	Q2816-08	1060-FB080725	VN087533.D	13 Aug 2025 14:29	vial B pH<2 FB	JC\MD	Ok
11	Q2825-02RE	FBRE	VN087534.D	13 Aug 2025 14:51	FB;For Confirmation	JC\MD	Not Ok
12	Q2825-01	TW1	VN087535.D	13 Aug 2025 15:14	vial B pH<2	JC\MD	Ok,M
13	Q2808-04RE	TP-7RE	VN087536.D	13 Aug 2025 15:36	vial B pH#5.0 Surrogate fail	JC\MD	Confirms
14	Q2827-04RE	TP-8RE	VN087537.D	13 Aug 2025 15:58	vial B pH#5.0 Surrogate fail	JC\MD	Confirms
15	Q2732-01	WC-A7-01-G	VN087538.D	13 Aug 2025 16:21	vial A pH#5.0	JC\MD	Ok
16	Q2832-02	TG-S01	VN087539.D	13 Aug 2025 16:43	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
17	Q2832-04	TG-S02	VN087540.D	13 Aug 2025 17:05	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
18	Q2832-06	TG-S03	VN087541.D	13 Aug 2025 17:27	vial A pH#5.0	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN081325

Review By	John Carlone	Review On	8/14/2025 9:03:57 AM		
Supervise By	Mahesh Dadoda	Supervise On	8/18/2025 8:55:14 AM		
SubDirectory	VN081325	HP Acquire Method		HP Processing Method	82N071625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135108
Initial Calibration Stds	
CCC	VP135109,VP135110
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2832-08	TG-S04	VN087542.D	13 Aug 2025 17:50	vial A pH#5.0	JC\MD	Ok
20	Q2832-10	TG-S05	VN087543.D	13 Aug 2025 18:12	vial A pH#5.0	JC\MD	Ok
21	Q2836-01	WC-A2-15-G	VN087544.D	13 Aug 2025 18:34	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
22	Q2836-05	WC-A2-16-G	VN087545.D	13 Aug 2025 18:56	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
23	Q2836-09	WC-A2-17-G	VN087546.D	13 Aug 2025 19:18	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
24	Q2836-13	WC-A5-02-G	VN087547.D	13 Aug 2025 19:40	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
25	Q2838-04	TP-11	VN087548.D	13 Aug 2025 20:02	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
26	Q2838-08	TP-10	VN087549.D	13 Aug 2025 20:24	vial A pH#5.0 Surrogate fail	JC\MD	ReRun
27	VSTDCCC050	VSTDCCC050EC	VN087550.D	13 Aug 2025 20:46		JC\MD	Ok,M

M : Manual Integration

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Prep Standard - Chemical Standard Summary

Order ID : Q2816

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: vn081225,vn081325,

Standard ID :
VP134142,VP134149,VP134810,VP134933,VP134956,VP134957,VP135059,VP135094,VP135095,VP135096,VP135108,VP135109,VP135110,

Chemical ID :
V13391,V14290,V14444,V14446,V14507,V14508,V14529,V14530,V14625,V14626,V14629,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14702,V14705,V14716,V14745,V14751,V14806,V14807,V14843,V14906,V14929,V15050,V15051,V15052,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP134810	07/18/2025	08/16/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 07/23/2025

FROM 1.00000ml of V15052 + 1.50000ml of V15050 + 1.50000ml of V15051 + 21.00000ml of V14629 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135059	08/11/2025	09/19/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14843 + 1.00000ml of V14444 + 1.00000ml of V14446 + 1.00000ml of V14507 + 1.00000ml of V14508 + 1.00000ml of V14529 + 1.00000ml of V14530 + 1.00000ml of V14705 + 1.00000ml of V14745 + 1.00000ml of V14751 + 1.00000ml of V14806 + 1.00000ml of V14807 + 1.50000ml of V14702 + 1.50000ml of V14716 + 10.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135094	08/12/2025	08/13/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135095	08/12/2025	08/13/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP134810 + 0.01250ml of VP135059 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135096	08/12/2025	08/13/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP134810 + 0.01250ml of VP135059 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135108	08/13/2025	08/14/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135109	08/13/2025	08/14/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP134810 + 0.01250ml of VP135059 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135110	08/13/2025	08/14/2025	John Carlone	None	None	Mahesh Dadoda 08/19/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP134810 + 0.01250ml of VP135059 = Final Quantity: 40.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	08/08/2025 / SAM	08/15/2024 / SAM	V14444

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0209618	09/30/2025	08/08/2025 / SAM	08/15/2024 / SAM	V14446

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	02/08/2026	08/08/2025 / SAM	09/17/2024 / SAM	V14507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	02/08/2026	08/08/2025 / SAM	09/17/2024 / SAM	V14508

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	02/08/2026	08/08/2025 / SAM	09/18/2024 / SAM	V14529

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	02/08/2026	08/08/2025 / SAM	09/18/2024 / SAM	V14530

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/09/2026	07/07/2025 / SAM	11/26/2024 / SAM	V14629

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14702

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14705

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A02110618	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14716

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14745

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	02/08/2026	08/08/2025 / SAM	12/17/2024 / SAM	V14751

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	02/08/2026	08/08/2025 / SAM	01/08/2025 / SAM	V14806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	02/08/2026	08/08/2025 / SAM	01/08/2025 / SAM	V14807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	11/12/2025	05/12/2025 / SAM	01/21/2025 / SAM	V14843

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	071625	08/16/2025	07/17/2025 / SAM	07/17/2025 / SAM	V15050

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	071625	08/16/2025	07/17/2025 / SAM	07/17/2025 / SAM	V15051

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	071625	08/16/2025	07/17/2025 / SAM	07/17/2025 / SAM	V15052

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
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Revision No.: 0

Certificate of Analysis

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Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
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Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
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For Laboratory,Research,or Manufacturing Use
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500 Series for Drinking Water
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Formulated By:	Prashant Chauhan	021624	DATE
Reviewed By:	Pedro L. Rentas	021624	DATE

Weight(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty
		5E-05	Balance Uncertainty

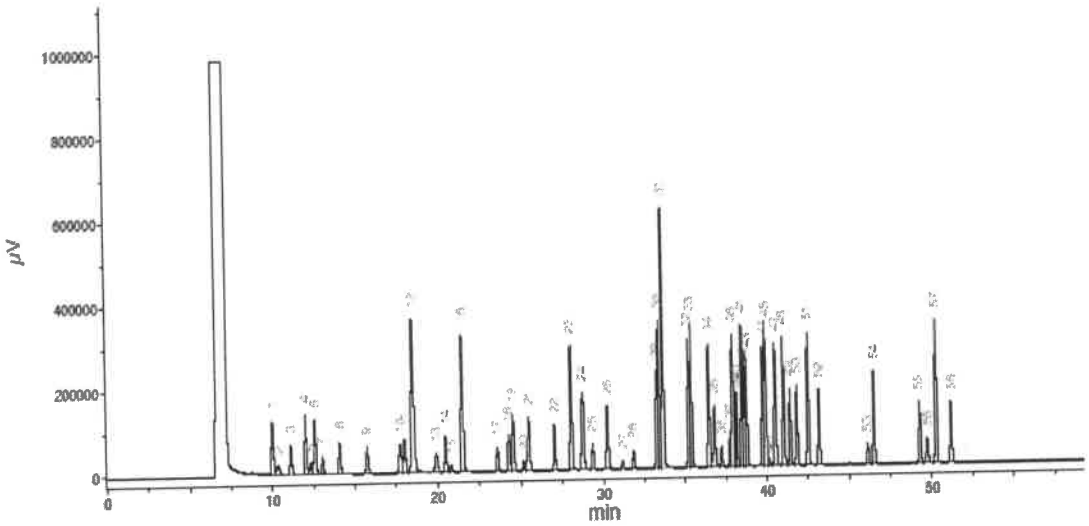
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethane/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.39
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

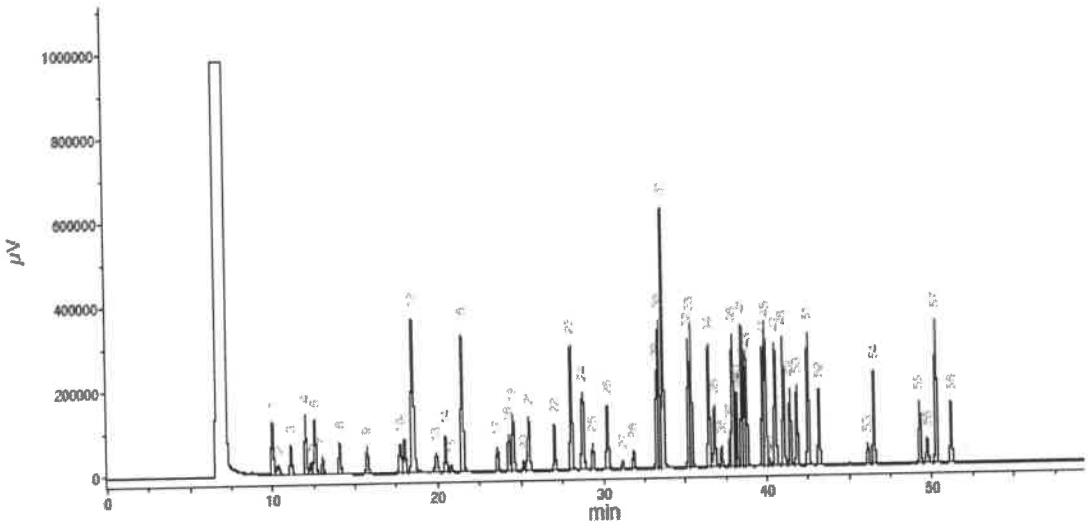
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR6561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW6137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	0.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.39
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: Vapours may form explosive mixture with air.
Conditions to avoid: Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

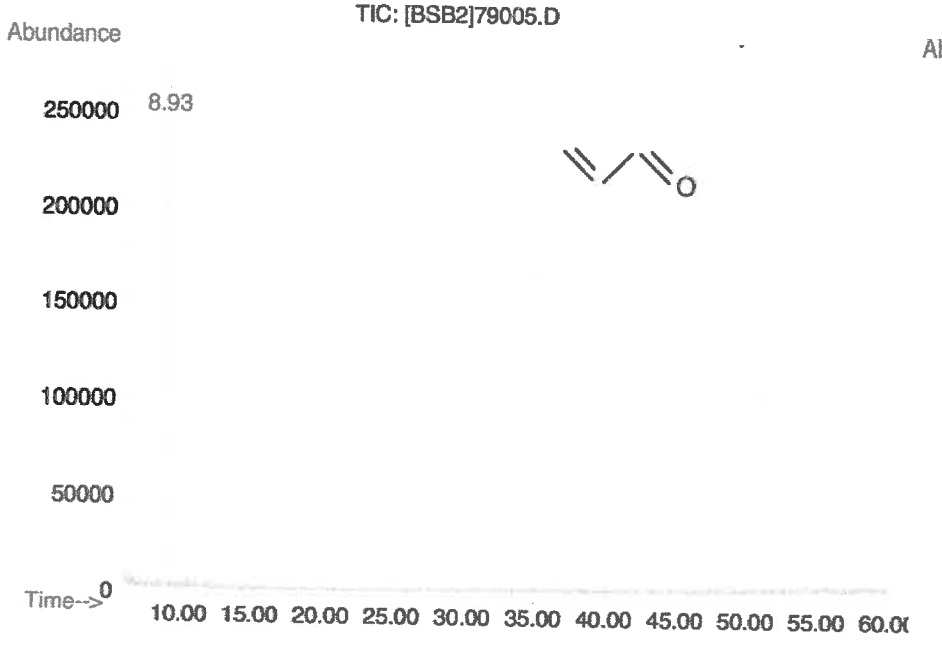
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

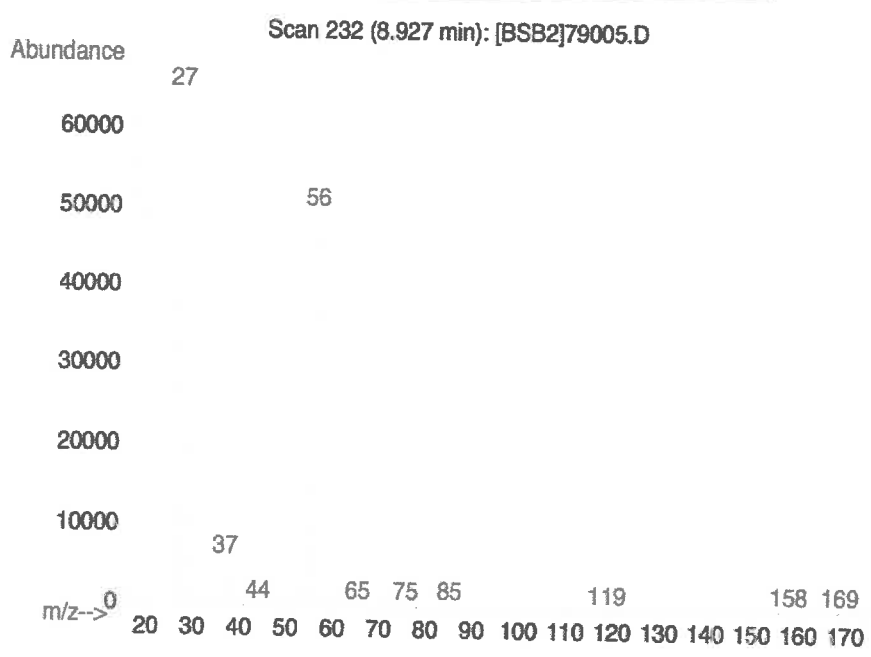
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
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- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Rec 09/16/24 2 Vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

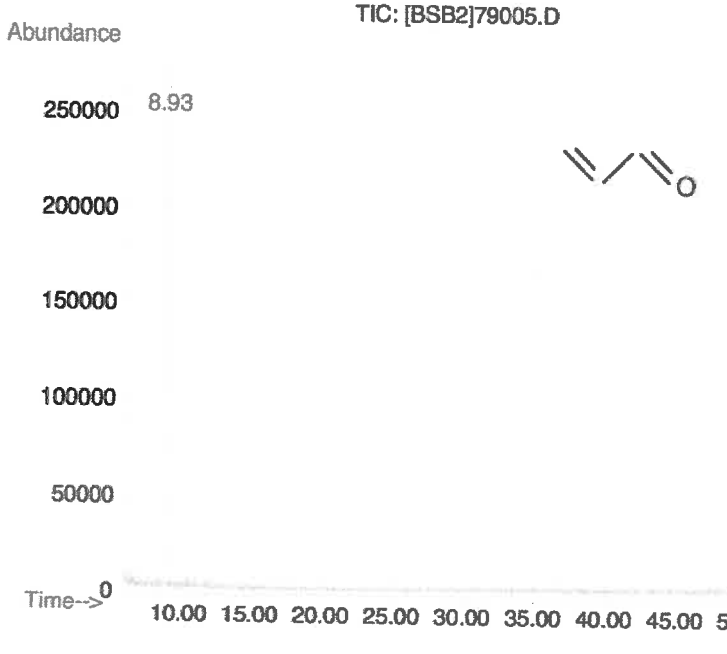
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

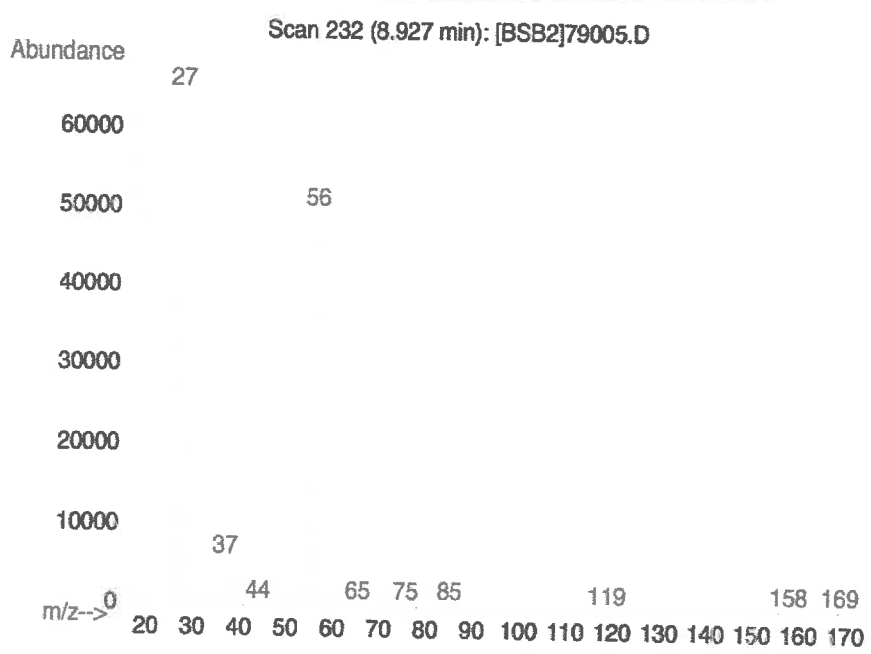
Justin Dippold 091424
Formulated By: Justin Dippold DATE

Pedro Rentas 091424
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Solvent(s): Methanol **Lot#** EJ143-US

V14630 to V14649

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

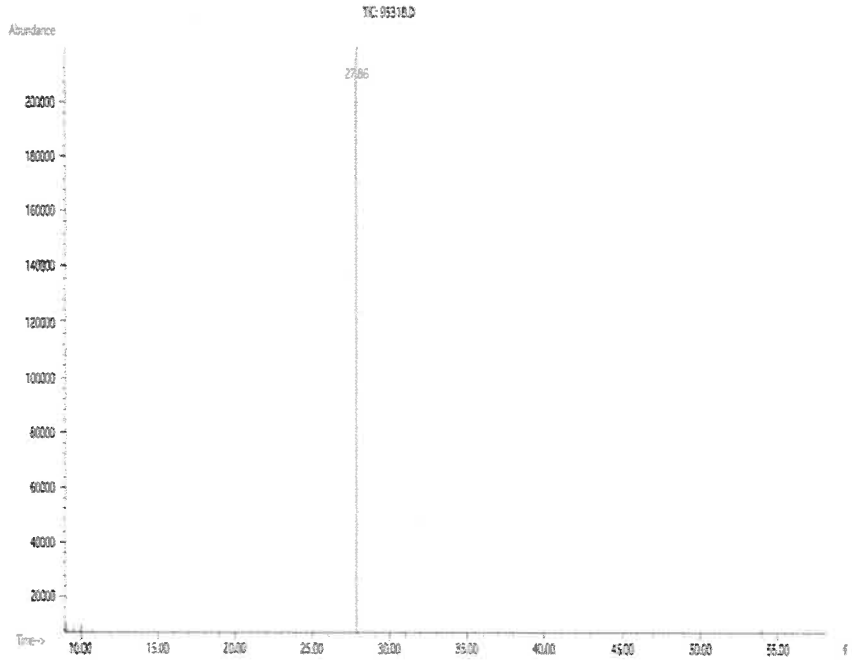
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

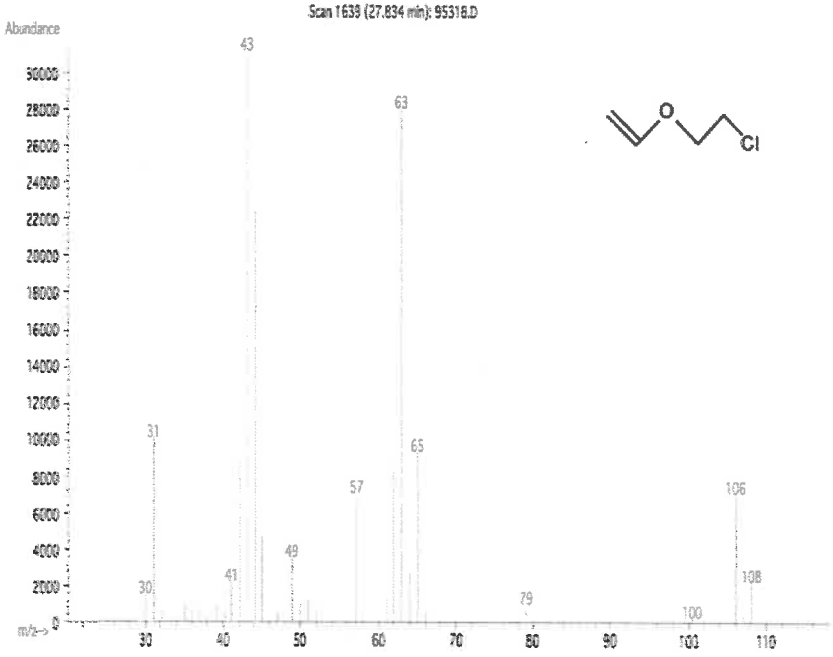
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

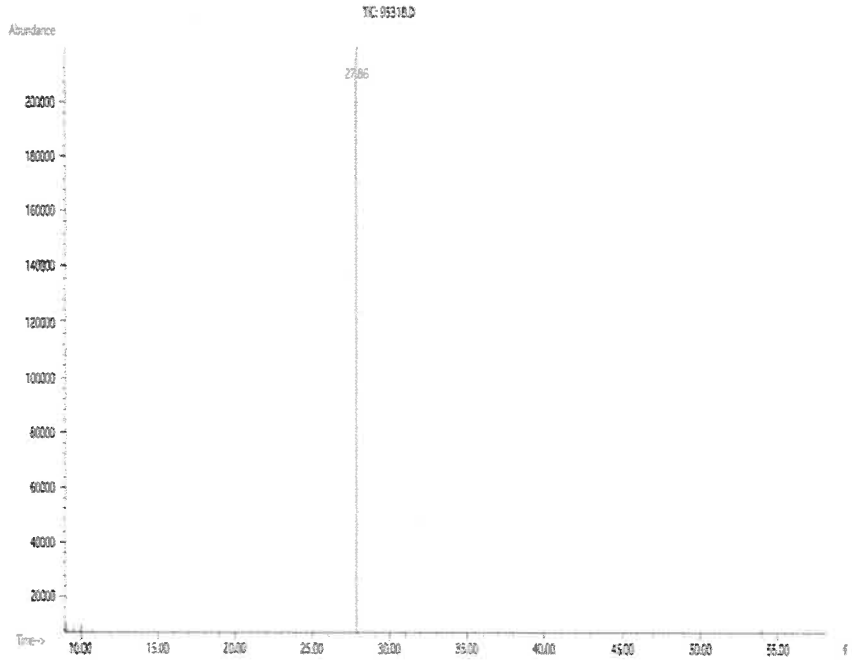
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

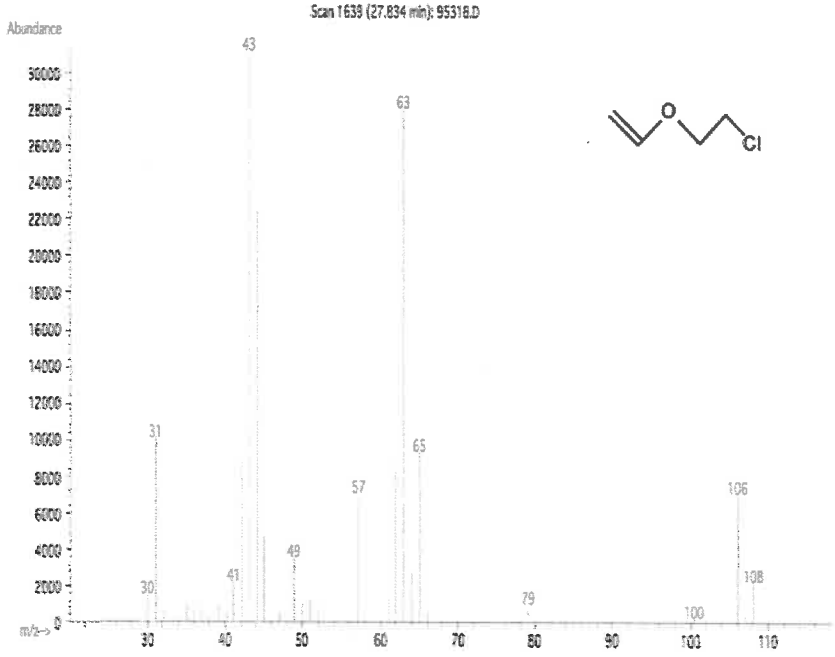
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

Pedro Rentas 120524
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.

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Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

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IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

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Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
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Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
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Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

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Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

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Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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Skin notation TWA 200 ppm
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Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

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Section XIII. DISPOSAL CONSIDERATIONS

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Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
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Exp 12/6/24
20 vial
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Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

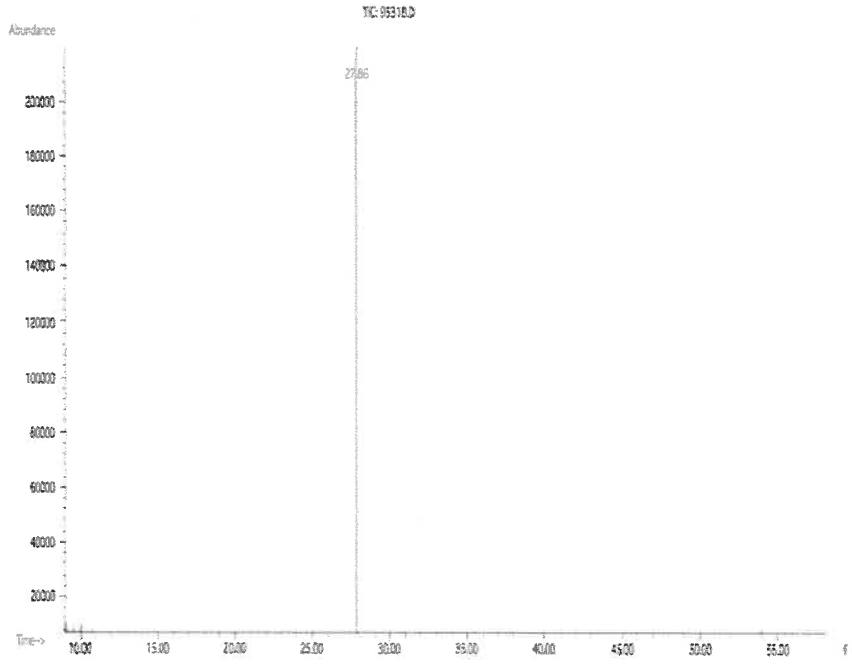
Solvent(s): Methanol **Lot#** EJ143-US

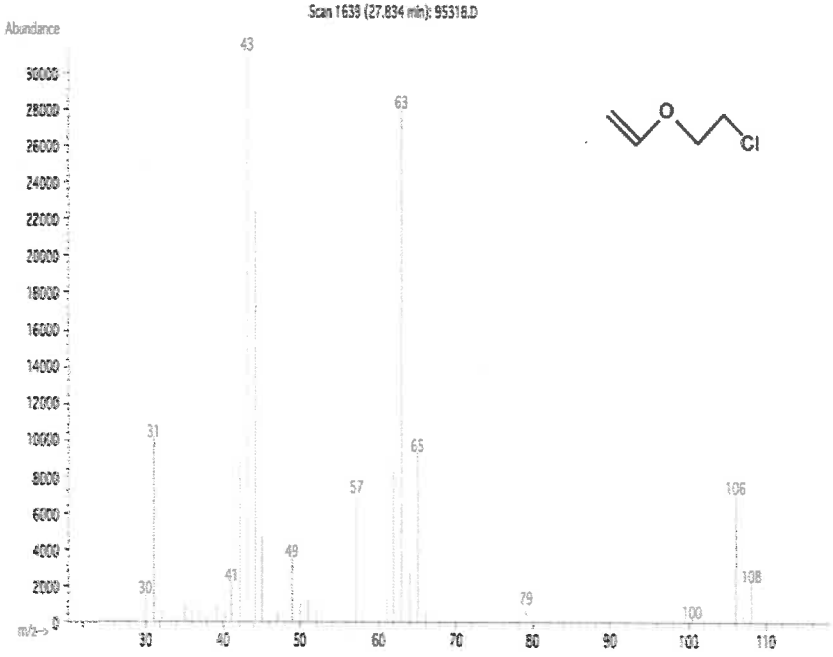
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

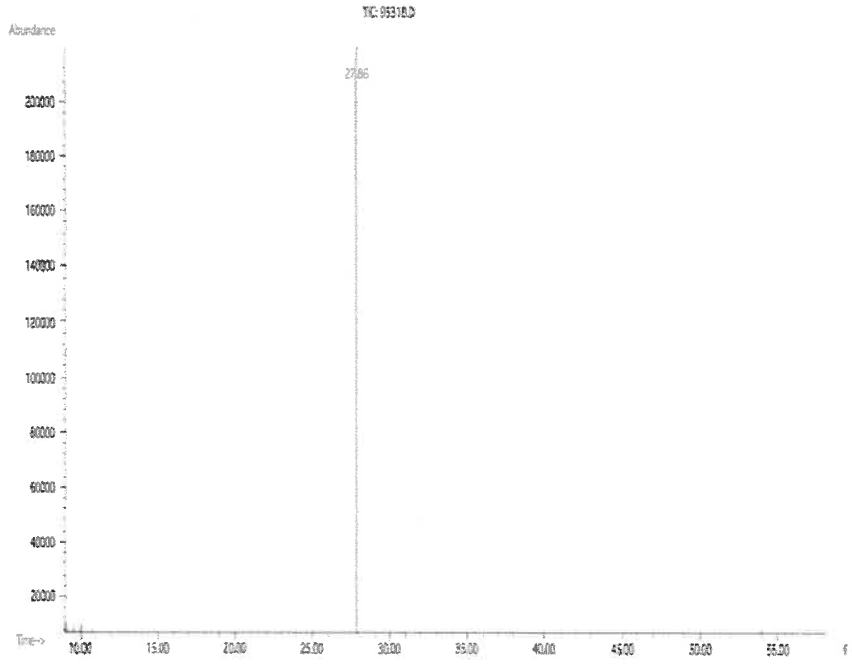
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

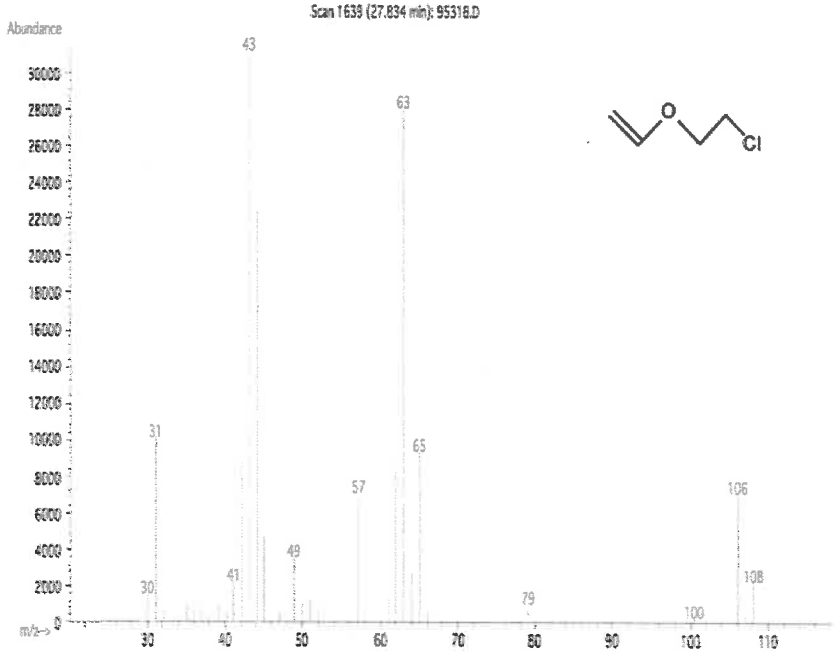
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

Pedro Rentas 120524
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

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Solubility in Water COMPLETE

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EC100	10,000.00 mg/l - 24 h

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Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

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OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

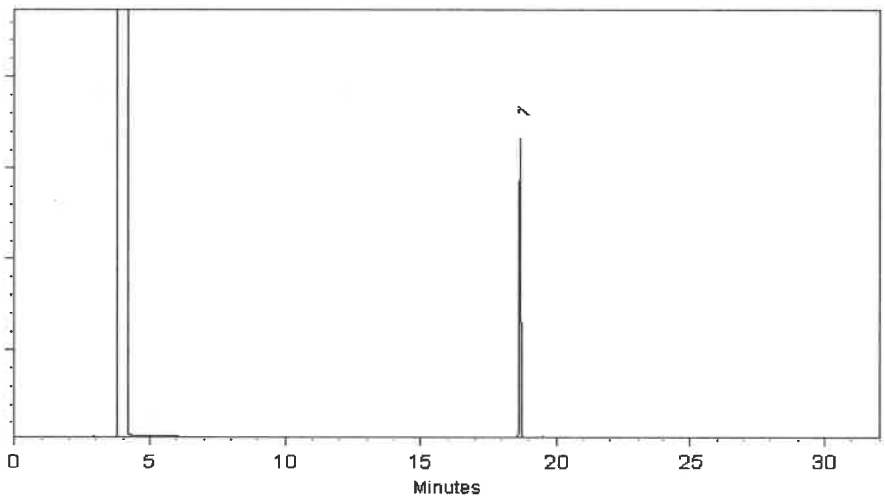
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

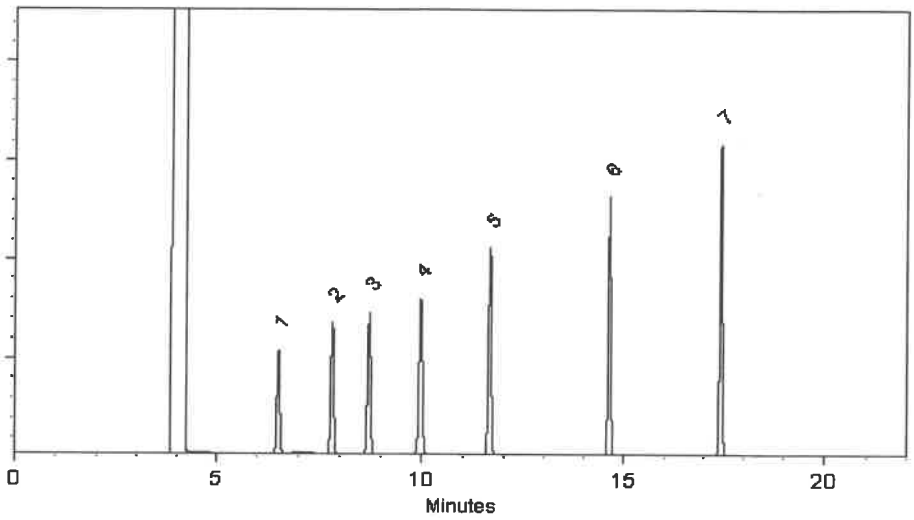
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30489 **Lot No.:** A0209618

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

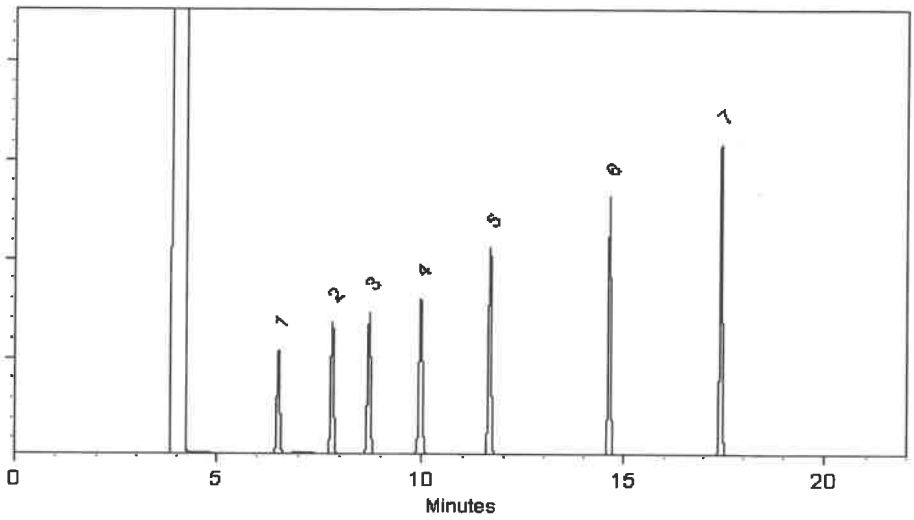
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

REVIEWED

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

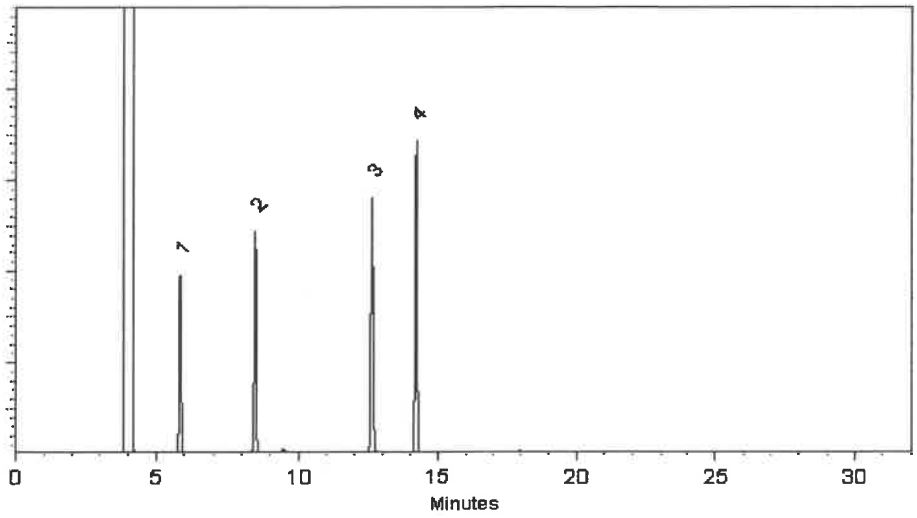
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
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Certified Uncertainty Value Notes:

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

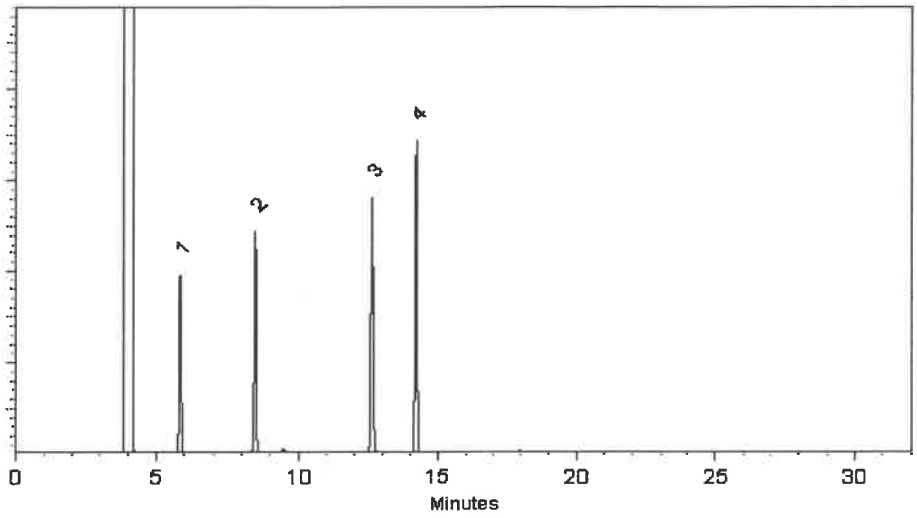
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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Catalog No. : 30006 **Lot No.:** A0210618

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
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4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

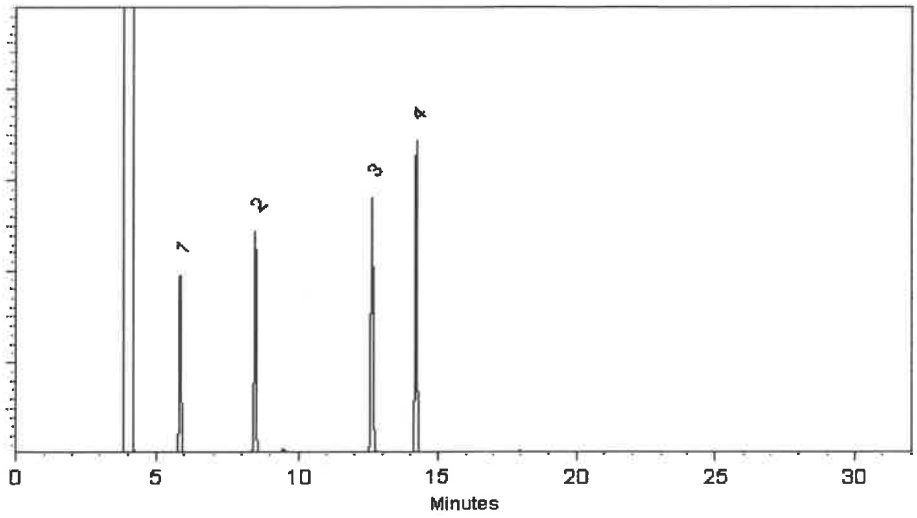
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

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10 vial.

CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

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V14667
V14676

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

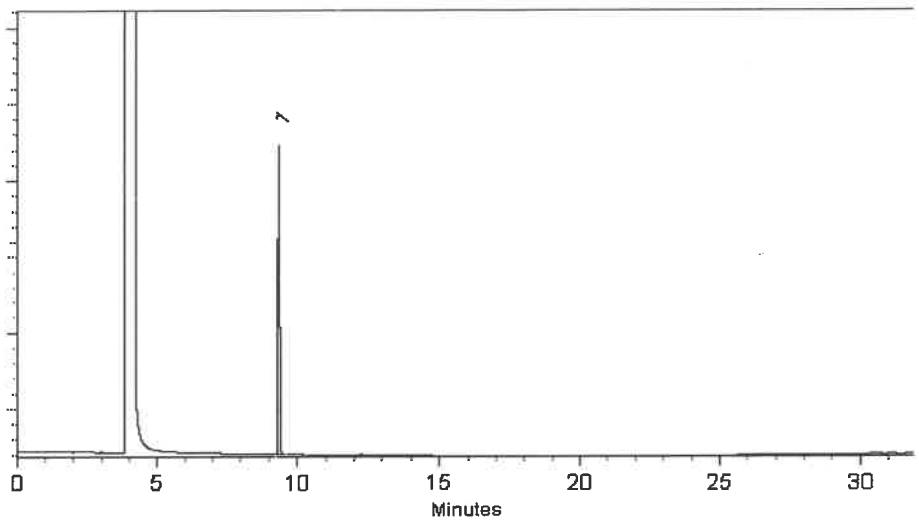
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I **Date Mixed:** 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 14-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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10 vial.

CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
V14676

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

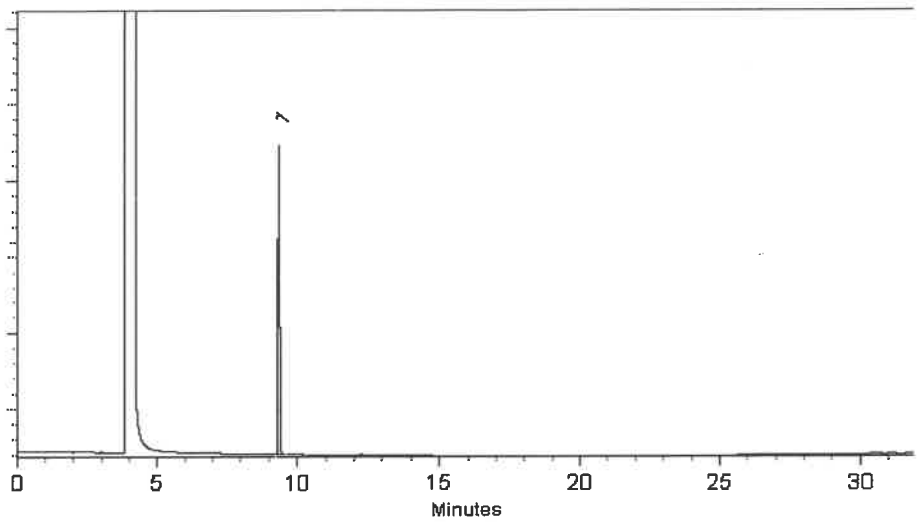
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
V14676

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

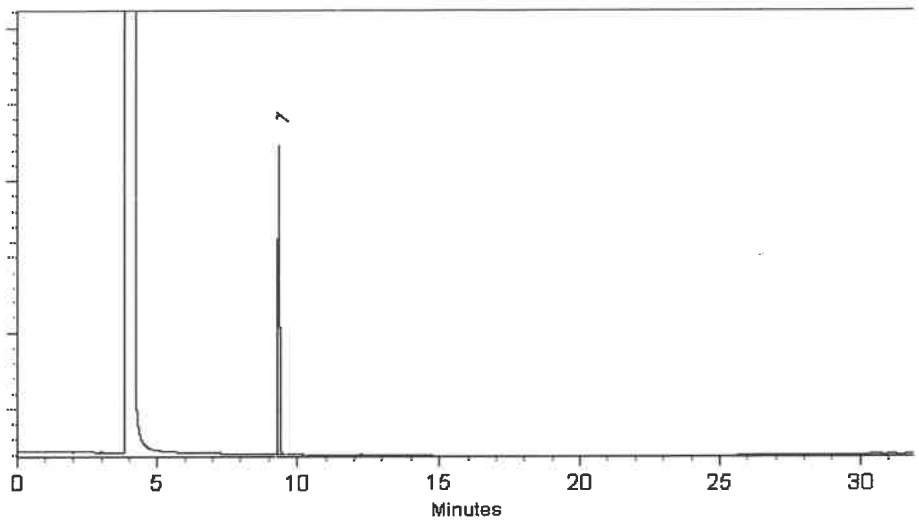
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

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Certificate #3222.01

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

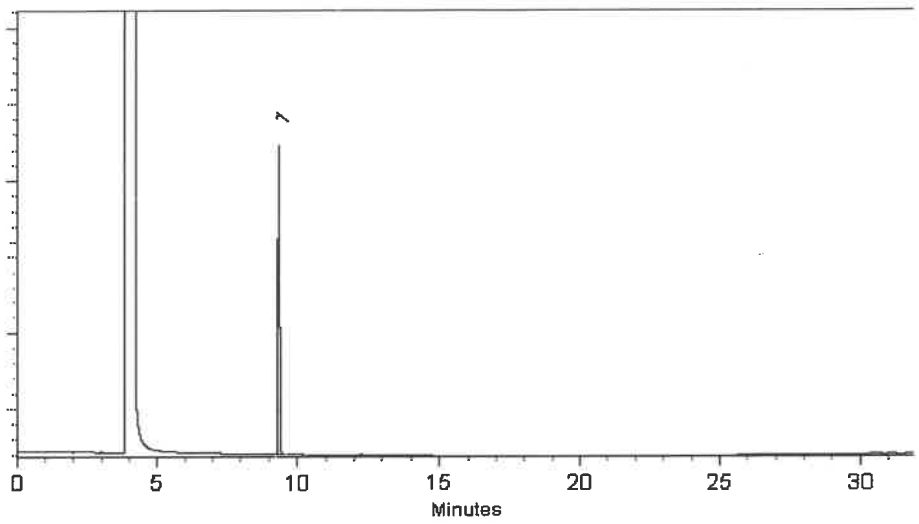
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I **Date Mixed:** 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 14-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to V14756

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

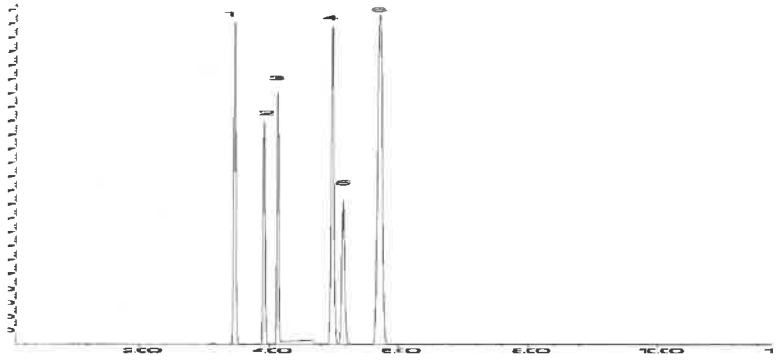
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

ACCREDITED
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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:
helium-constant flow 2.0 mL/min.

Temp. Program:
40°C (hold 6 min.) to 100°C
@ 6°C/min.

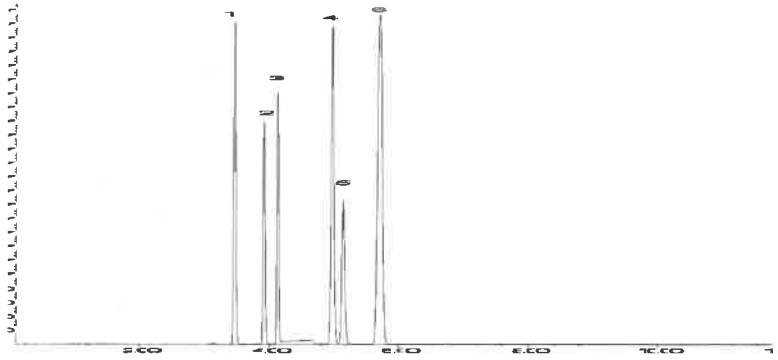
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

J14842 to 14846

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

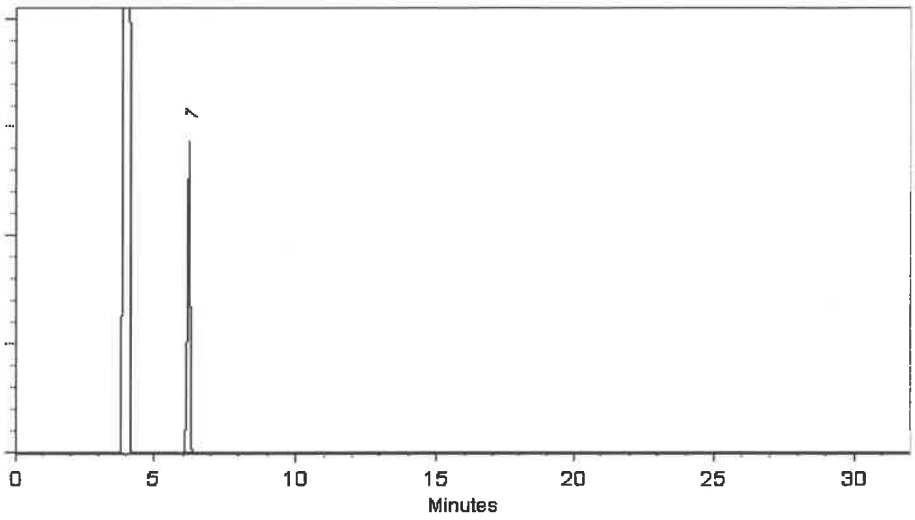
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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Fax: 1-814-353-1309

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Zoey Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

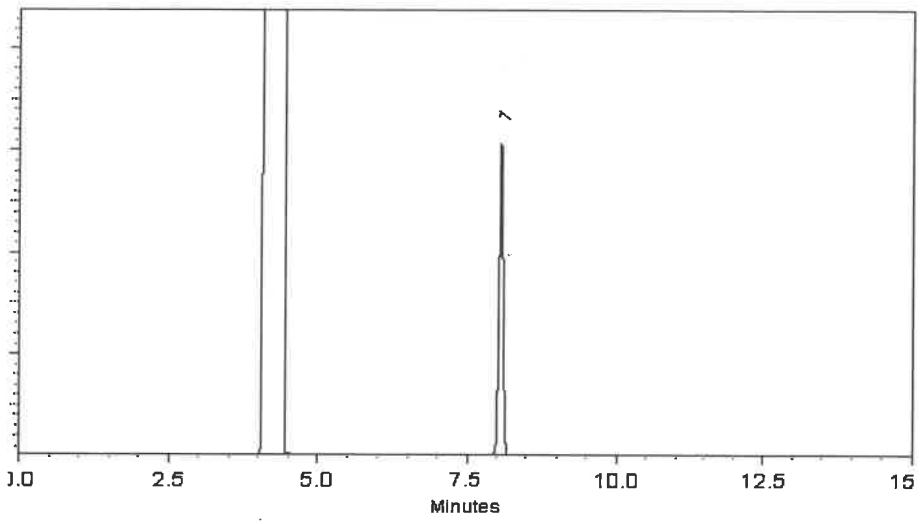
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Zoviy Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

V14803 - V14822

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

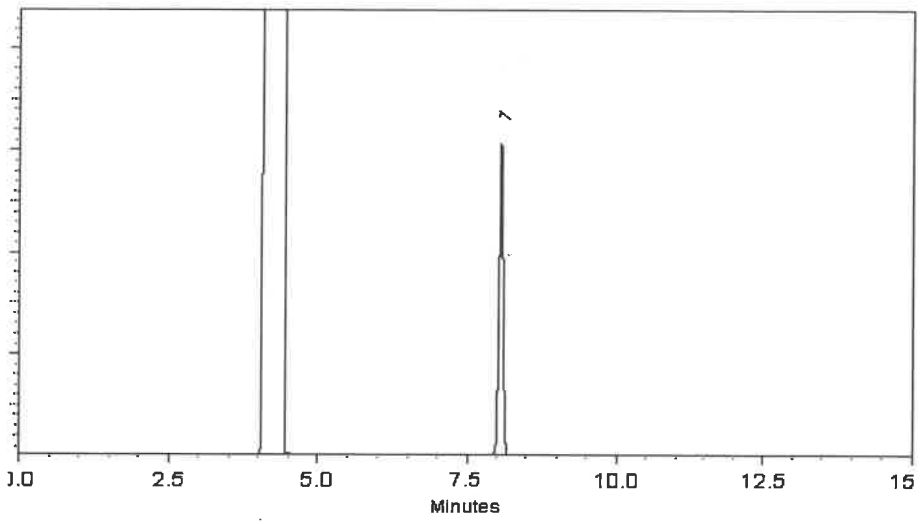
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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10 vial

CERTIFIED REFERENCE MATERIAL

Lee 03/31/25

Certificate of Analysis

gravimetric

V14904 to V14913

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555582 **Lot No.:** A0223904

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

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Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 07/17/25 5 vial

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 071625
Description: Acrolein

Expiration Date: 081625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 041725Q

V15050 to
V15054 ~~V15056~~

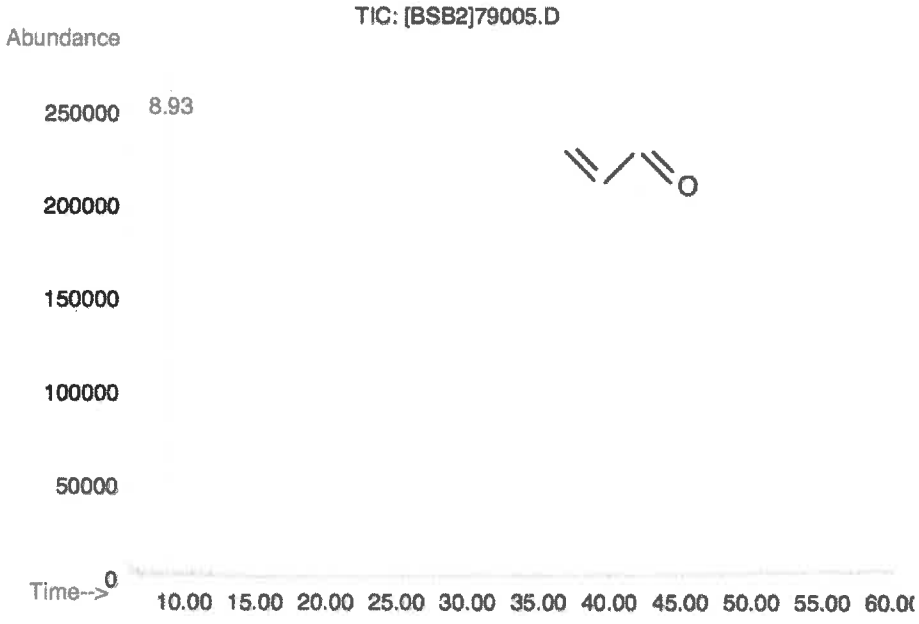
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

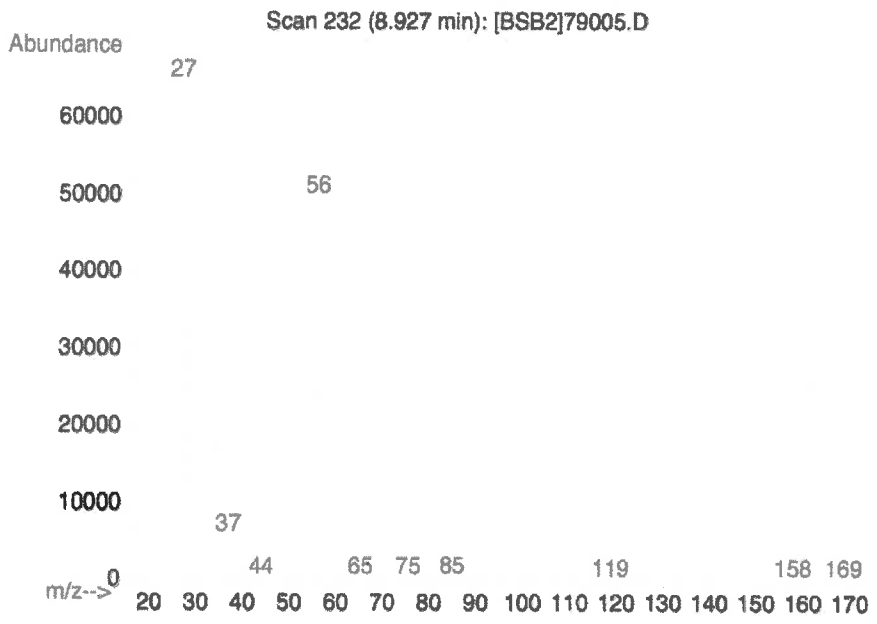
Gabriel Helland 071625
Formulated By: Gabriel Helland DATE

Pedro Rentas 071625
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05181	5014.7	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.). Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 07/17/25 5 vial

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 071625
Description: Acrolein

Expiration Date: 081625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 041725Q

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

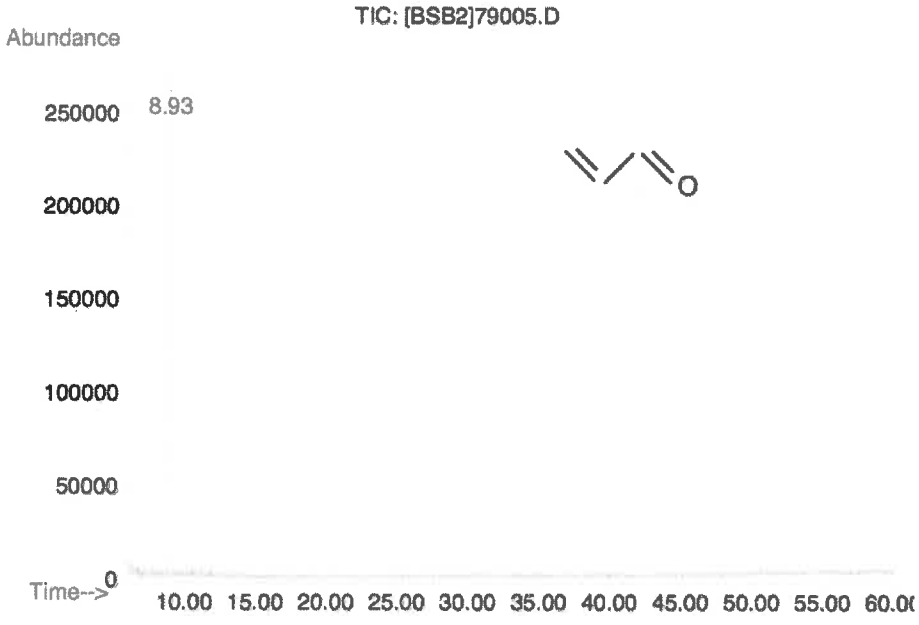
V15050 to
V15054 ~~V15056~~

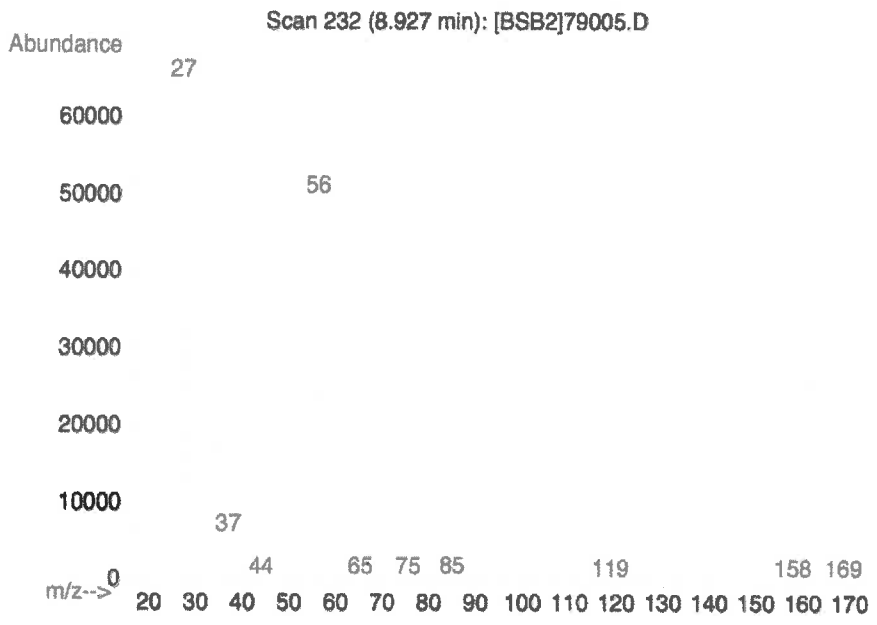
Gabriel Helland 071625
Formulated By: Gabriel Helland DATE

Pedro Rentas 071625
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05181	5014.7	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.). Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 07/17/25 5 vial

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 071625
Description: Acrolein

Expiration Date: 081625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Water 041725Q

V15050 to
V15054 ~~V15056~~
V15054

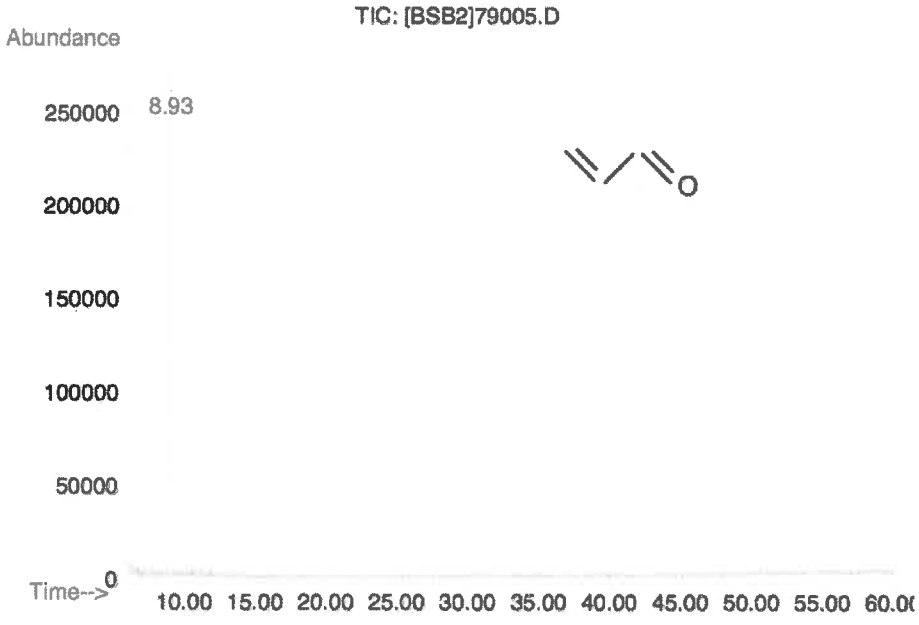
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

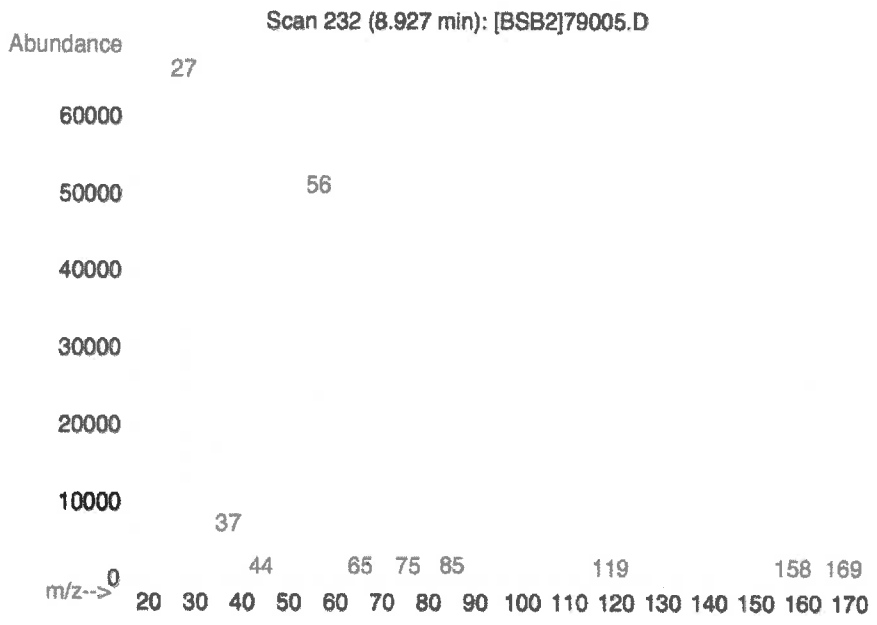
Gabriel Helland 071625
Formulated By: Gabriel Helland DATE

Pedro Rentas 071625
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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Rev 1.0, 2/25/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. / QUOTE NO. Q2816
COC Number 2047559

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Day Environmental, Inc.
ADDRESS: 1563 Lyell Avenue
CITY Rochester STATE: NY ZIP: 14606
ATTENTION: Jeff Danzinger
PHONE: 585-454-0210 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: Andrews St. Site
PROJECT NO.: 5334$-17 LOCATION: Rochester, NY
PROJECT MANAGER: Jeff Danzinger
e-mail: jdanzinger@daymail.net
PHONE: 585-454-0210 FAX: —

CLIENT BILLING INFORMATION

BILL TO: Day Environmental, Inc. PO#: 5334$-17
ADDRESS: 1563 Lyell Avenue
CITY Rochester STATE: NY ZIP: 14606
ATTENTION: Jeff Danzinger PHONE: 585-454-0210

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: 15 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1. TCL VOCs + TICs Only

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES A/E 1	2	3	4	5	6	7	8	9	COMMENTS
1.	1055 - MW-01 (23)	GW		X	8/7/25	1310	2	X									
2.	1056 - MW-02 (23.8)	GW		X		1313	6	X									Also Do MS/MSD
3.	1057 - MW-03A (17)	GW		X		1316	2	X									
4.	1058 - MW-11 (15)	GW		X		1329	2	X									
5.	1059 - MW-17A (15.5)	GW		X		1320	2	X									
6.	1060 - FB080725	AQ		X		1325	2	X									
7.	1061 - TB080725	AQ		X		—	2	X									
8.																	
9.																	
10.																	

PRESERVATIVES: A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8-7-25/1530	1. FED-EX
2. FedEx	8-11-25 1008	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 21.6°C °C
Comments: * ICE MELTED

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2816 DAYE01
Client Name : Day Environmental, Inc.
Client Contact : Jeff Danzinger
Invoice Name : Day Environmental, Inc.
Invoice Contact : Jeff Danzinger

Order Date : 8/11/2025 10:53:00 AM
Project Name : NYSDEC Andrews St Site #
Receive DateTime : 8/11/2025 10:08:00 AM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : Equis_EQNYDEC/Excel
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2816-01	1055-MW-01(23)	Water	08/07/2025	13:10					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-02	1056-MW-02(23)	Water	08/07/2025	13:13					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-03	Q2816-02MS	Water	08/07/2025	13:13					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-04	Q2816-02MSD	Water	08/07/2025	13:13					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-05	1057-MW-03A(17)	Water	08/07/2025	13:16					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-06	1058-MW-11(15)	Water	08/07/2025	13:29					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-07	1059-MW-17A(15.5)	Water	08/07/2025	13:20					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q2816-08	1060-FB080725	Water	08/07/2025	13:25					

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

LOGIN REPORT/SAMPLE TRANSFER

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Order Date : 8/11/2025 10:53:00 AM
Project Name : NYSDEC Andrews St Site #
Receive DateTime : 8/11/2025 10:08:00 AM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : Equis_EQNYDEC/Excel
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low	5 Bus. Days	
Q2816-09	1061-TB080725	Water	08/07/2025	13:25					
					VOC-TCLVOA-10		8260-Low	5 Bus. Days	

stored in VOA
reff# 04

Relinquished By : CP
Date / Time : 8/11/25 1156

Received By : Murdock
Date / Time : 8/11/25 12:05 pm

Storage Area : VOA Refridgerator Room