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

Cover Page

Order ID : Q2098

Project ID : Quarterly

Client : Tris Pharma, Inc.

Lab Sample Number	Client Sample Number
Q2098-01	OUTFALL-DSN-001
Q2098-02	Q2098-01MS
Q2098-03	Q2098-01MSD
Q2098-04	OUTFALL-DSN-002

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

Signature : _____

Date: 5/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2098**

	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: **PRADIP PRAJAPATI** **Date:** **05/30/2025**

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LAB CHRONICLE

OrderID:	Q2098	**OrderDate:**	5/20/2025 2:44:00 PM
Client:	Tris Pharma, Inc.	**Project:**	Quarterly
Contact:	Nichole Nikki Ferrari	**Location:**	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2098-01	**OUTFALL-DSN-001**	**Water**			**05/20/25**			**05/20/25**
			VOCMS Group1	624.1			05/29/25	
Q2098-04	**OUTFALL-DSN-002**	**Water**			**05/20/25**			**05/20/25**
			VOCMS Group1	624.1			05/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2098

Client: Tris Pharma, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**OUTFALL-DSN-001**							
Q2098-01	OUTFALL-DSN-00	Water	Acetone	200		4.60	25.0	ug/L
			Total Voc :	200				
			Total Concentration:	200				



QC SUMMARY

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Surrogate Summary

SDG No.: Q2098

Client: Tris Pharma, Inc.

Analytical Method: SW624.1

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q2098-01	OUTFALL-DSN-001	1,2-Dichloroethane-d4	30	32.4	108		91	110
		Toluene-d8	30	30.6	102		91	112
		4-Bromofluorobenzene	30	29.3	98		63	112
Q2098-02MS	OUTFALL-DSN-001MS	1,2-Dichloroethane-d4	30	31.1	104		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	30.0	100		63	112
Q2098-03MSD	OUTFALL-DSN-001MSD	1,2-Dichloroethane-d4	30	31.8	106		91	110
		Toluene-d8	30	30.2	101		91	112
		4-Bromofluorobenzene	30	29.6	99		63	112
Q2098-04	OUTFALL-DSN-002	1,2-Dichloroethane-d4	30	29.0	97		91	110
		Toluene-d8	30	33.8	113	*	91	112
		4-Bromofluorobenzene	30	27.6	92		63	112
VN0529WBL01	VN0529WBL01	1,2-Dichloroethane-d4	30	30.2	101		91	110
		Toluene-d8	30	29.8	99		91	112
		4-Bromofluorobenzene	30	26.3	88		63	112
VN0529WBS01	VN0529WBS01	1,2-Dichloroethane-d4	30	29.6	99		91	110
		Toluene-d8	30	29.9	100		91	112
		4-Bromofluorobenzene	30	30.0	100		63	112

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2098

Client: Tris Pharma, Inc.

Analytical Method: SW624.1

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q2098-02MS**	**Client Sample ID :**	**OUTFALL-DSN-001MS**						**Datafile :**	VN086820.D	
Ethyl Acetate	20	0	27.8	ug/L	139				50	150	
Isopropyl Acetate	20	0	29.0	ug/L	145	*			70	130	
Acetone	100	200	410	ug/L	210	*			58	137	
Methylene Chloride	20	0	30.0	ug/L	150				1	221	
n-amyl Acetate	20	0	32.9	ug/L	165	*			70	130	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2098

Client: Tris Pharma, Inc.

Analytical Method: SW624.1

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q2098-03MSD**	**Client Sample ID :**	**OUTFALL-DSN-001MSD**					**Datafile :**	VN086821.D		
Ethyl Acetate	20	0	20.9	ug/L	104		28	*	50	150	20
Isopropyl Acetate	20	0	22.5	ug/L	113		25	*	70	130	20
Acetone	100	200	290	ug/L	90		80	*	58	137	20
Methylene Chloride	20	0	23.7	ug/L	119		23	*	1	221	20
n-amyl Acetate	20	0	25.3	ug/L	127		26	*	70	130	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2098

Client: Tris Pharma, Inc.

Analytical Method: SW624.1 **Datafile :** VN086813.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0529WBS01	Ethyl Acetate	20	19.2	ug/L	96			68	140	
	Isopropyl Acetate	20	18.9	ug/L	95			70	130	
	Acetone	100	110	ug/L	110			41	148	
	Methylene Chloride	20	19.1	ug/L	96			60	140	
	n-amyl Acetate	20	19.0	ug/L	95			70	130	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0529WBL01

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG NO.: Q2098

Lab File ID: VN086815.D Lab Sample ID: VN0529WBL01

Date Analyzed: 05/29/2025 Time Analyzed: 14:55

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
VN0529WBS01	VN0529WBS01	VN086813.D	05/29/2025
OUTFALL-DSN-002	Q2098-04	VN086818.D	05/29/2025
OUTFALL-DSN-001	Q2098-01	VN086819.D	05/29/2025
OUTFALL-DSN-001MS	Q2098-02MS	VN086820.D	05/29/2025
OUTFALL-DSN-001MSD	Q2098-03MSD	VN086821.D	05/29/2025

COMMENTS:

Raw Data: **VN086803.D**

Alliance TECHNICAL GROUP
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG NO.: Q2098

Lab File ID: VN086803.D BFB Injection Date: 05/29/2025

Instrument ID: MSVOA_N BFB Injection Time: 08:57

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	16.7
75	30.0 - 60.0% of mass 95	48
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.3 (0.5) 1
174	50.0 - 100.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	5.3 (7.5) 1
176	95.0 - 101.0% of mass 174	67.5 (96.2) 1
177	5.0 - 9.0% of mass 176	4 (6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VN086806.D	05/29/2025	10:56
VSTDICCC020	VSTDICCC020	VN086807.D	05/29/2025	11:20
VSTDICC050	VSTDICC050	VN086808.D	05/29/2025	11:44
VSTDICC100	VSTDICC100	VN086809.D	05/29/2025	12:08
VSTDICC150	VSTDICC150	VN086810.D	05/29/2025	12:32
VN0529WBS01	VN0529WBS01	VN086813.D	05/29/2025	14:04
VN0529WBL01	VN0529WBL01	VN086815.D	05/29/2025	14:55
OUTFALL-DSN-002	Q2098-04	VN086818.D	05/29/2025	16:37
OUTFALL-DSN-001	Q2098-01	VN086819.D	05/29/2025	17:01
OUTFALL-DSN-001MS	Q2098-02MS	VN086820.D	05/29/2025	17:25
OUTFALL-DSN-001MSD	Q2098-03MSD	VN086821.D	05/29/2025	17:49

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG NO.: Q2098

Lab File ID: VN086807.D Date Analyzed: 05/29/2025

Instrument ID: MSVOA_N Time Analyzed: 11:20

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	37101	7.81	210546	9.10	189009	11.87
UPPER LIMIT	74202	8.312	421092	9.6	378018	12.365
LOWER LIMIT	18550.5	7.312	105273	8.6	94504.5	11.365
EPA SAMPLE NO.						
OUTFALL-DSN-001	34206	7.81	199970	9.10	171942	11.86
OUTFALL-DSN-001MS	28709	7.81	167048	9.10	144677	11.86
OUTFALL-DSN-001MSD	43151	7.81	257974	9.09	224139	11.87
OUTFALL-DSN-002	17750 *	9.05 *	142160	9.84 *	90878 *	12.04
VN0529WBL01	38604	7.81	217678	9.10	191557	11.87
VN0529WBS01	39621	7.81	223467	9.10	200810	11.87

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG NO.: Q2098

Lab File ID: VN086807.D Date Analyzed: 05/29/2025

Instrument ID: MSVOA_N Time Analyzed: 11:20

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

	IS4 AREA #	RT #				
12 HOUR STD	0	0				
UPPER LIMIT	0					
LOWER LIMIT	0					
EPA SAMPLE NO.						
OUTFALL-DSN-001	0	0.00				
OUTFALL-DSN-001MS	0	0.00				
OUTFALL-DSN-001MSD	0	0.00				
OUTFALL-DSN-002	0	0.00				
VN0529WBL01	0	0.00				
VN0529WBS01	0	0.00				

IS4 =

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-001	SDG No.:	Q2098
Lab Sample ID:	Q2098-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086819.D	1		05/29/25 17:01	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	200		4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	32.4		91 - 110	108%	SPK: 30
2037-26-5	Toluene-d8	30.6		91 - 112	102%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.3		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	34200	7.812			
540-36-3	1,4-Difluorobenzene	200000	9.1			
3114-55-4	Chlorobenzene-d5	172000	11.859			

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

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

Sample Results: **VN086819.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086819.D
Acq On : 29 May 2025 17:01
Operator : JC\MD
Sample : Q2098-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 30 02:45:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	34206	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	199970	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	171942	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76108	32.384	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.933%			
60) 4-Bromofluorobenzene	12.847	95	78966	29.252	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.500%			
63) Toluene-d8	10.565	98	241222	30.566	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.900%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	44635m	14.901	ug/l	
11) Methyl Iodide	4.606	142	5738m	2.413	ug/l	
15) Acetone	4.418	58	53009	200.822	ug/l	87
25) Chloroform	7.965	83	89726	23.015	ug/l	99
41) Bromodichloromethane	9.888	83	16482	5.227	ug/l #	97

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

Sample Results: **VN086819.D**

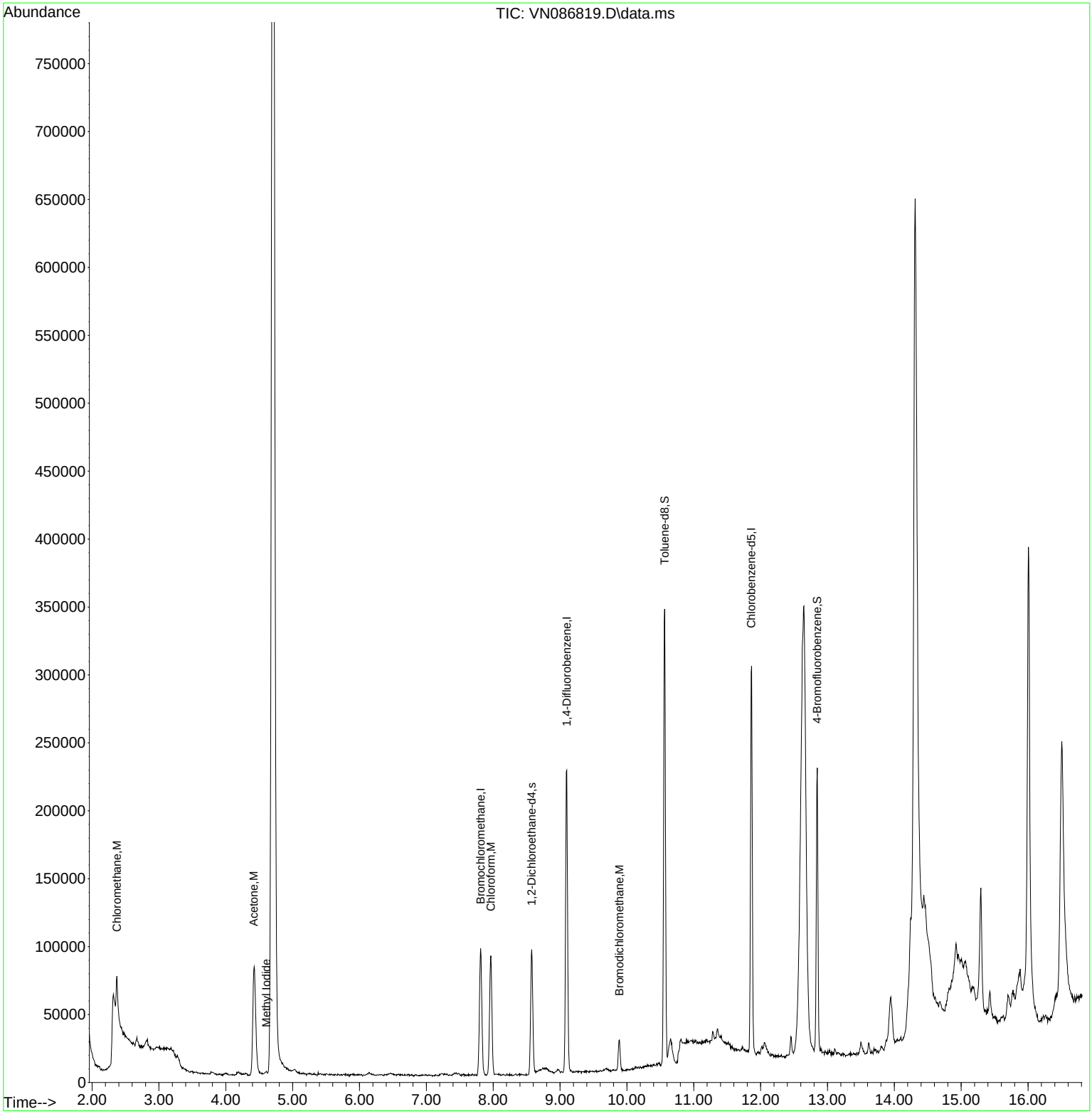
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086819.D
Acq On : 29 May 2025 17:01
Operator : JC\MD
Sample : Q2098-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

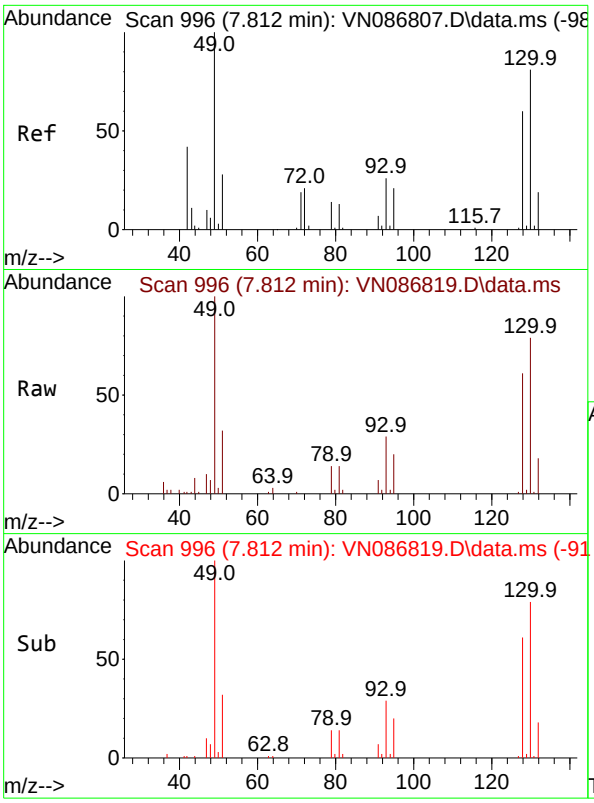
Quant Time: May 30 02:45:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

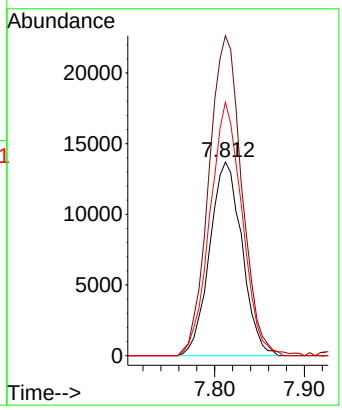
Tgt Ion:128 Resp: 3420

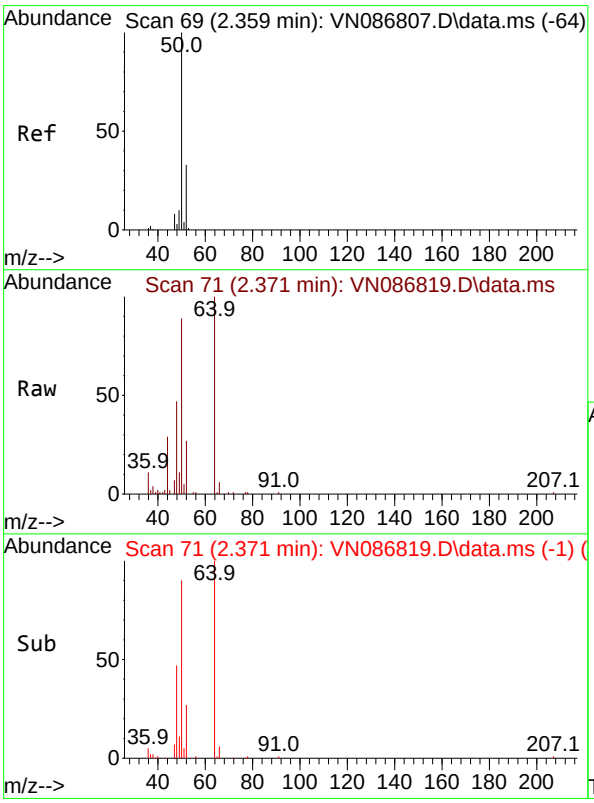
Ion	Ratio	Lower	Upper
128	100		
49	168.5	0.0	404.5
130	130.1	0.0	322.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

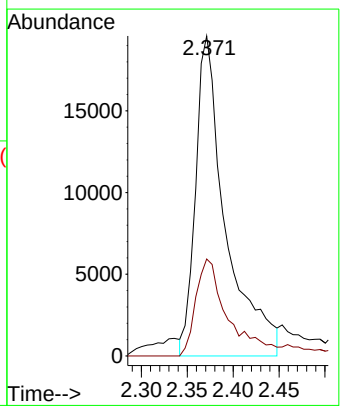


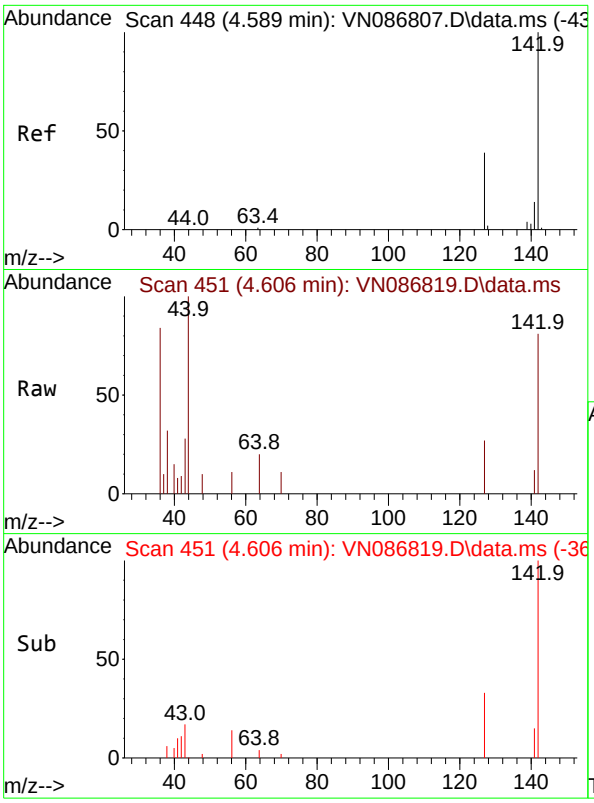


#3
Chloromethane
Concen: 14.901 ug/l m
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 50 Resp: 44635

Ion	Ratio	Lower	Upper
50	100		
52	30.3	26.6	40.0

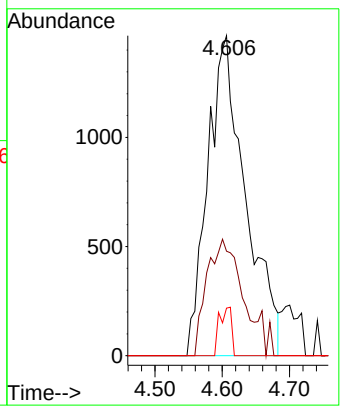




#11
Methyl Iodide
Concen: 2.413 ug/l m
RT: 4.606 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion:142 Resp: 573

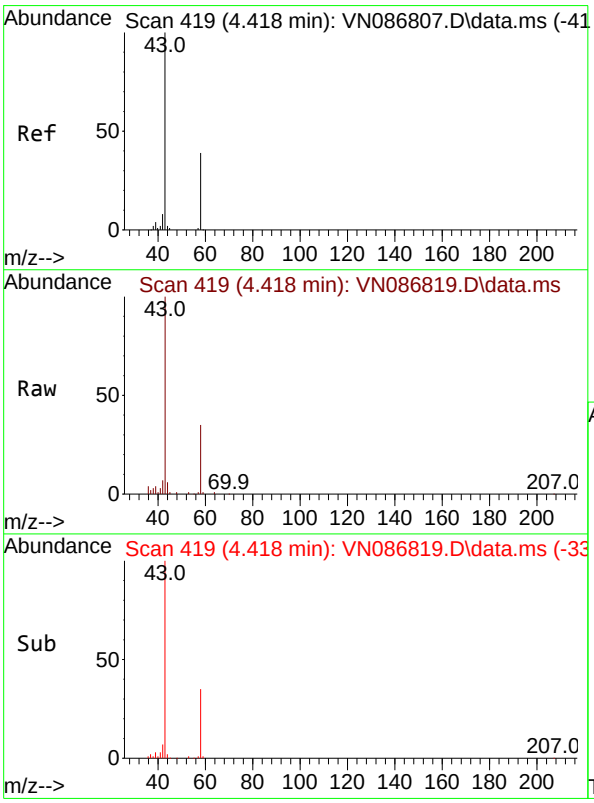
Ion	Ratio	Lower	Upper
142	100		
127	32.7	19.5	58.5
141	14.9	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

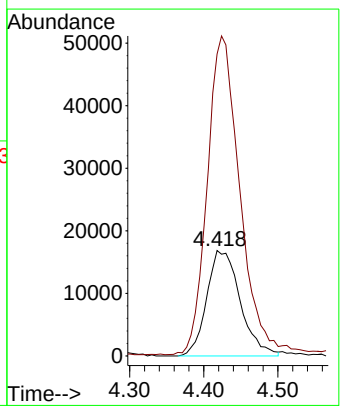
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

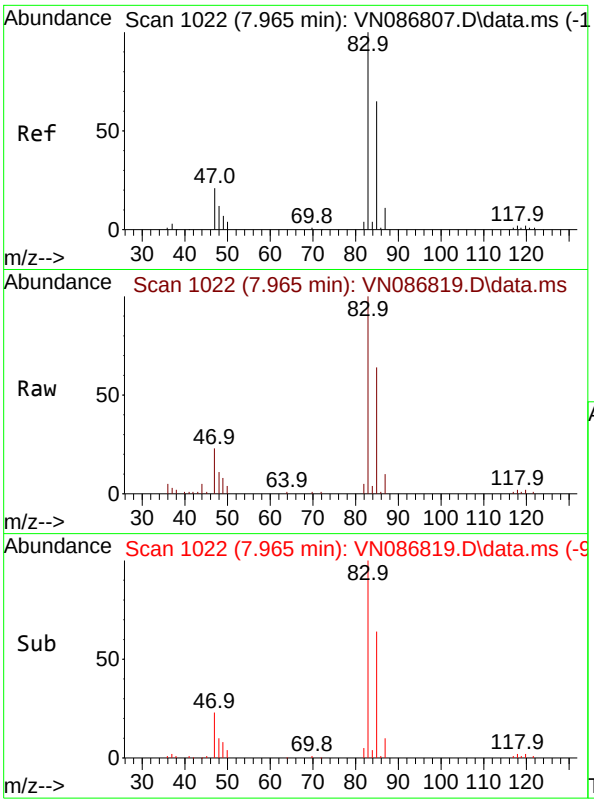


#15
Acetone
Concen: 200.822 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 58 Resp: 53009

Ion	Ratio	Lower	Upper
58	100		
43	282.8	207.7	311.5





#25
Chloroform
Concen: 23.015 ug/l
RT: 7.965 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

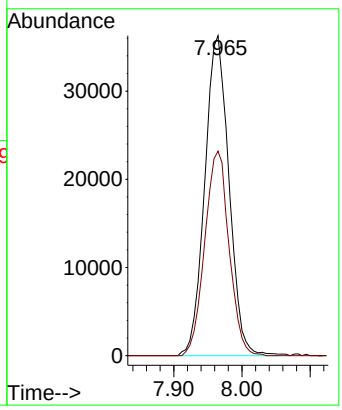
Tgt Ion: 83 Resp: 8972(

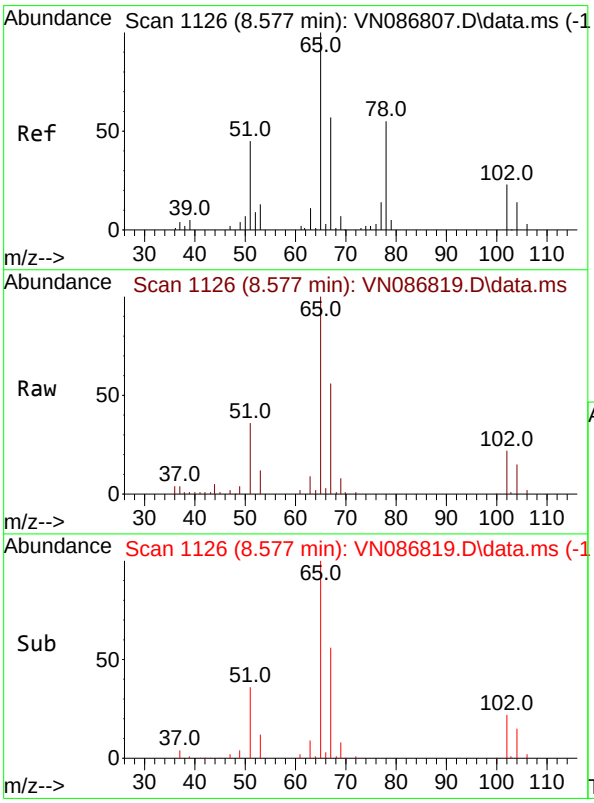
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

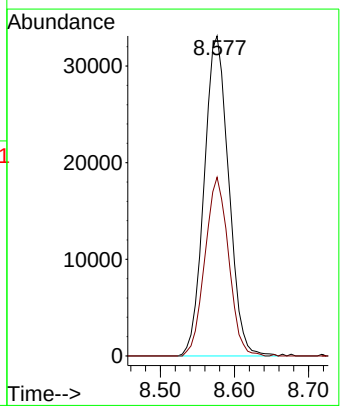


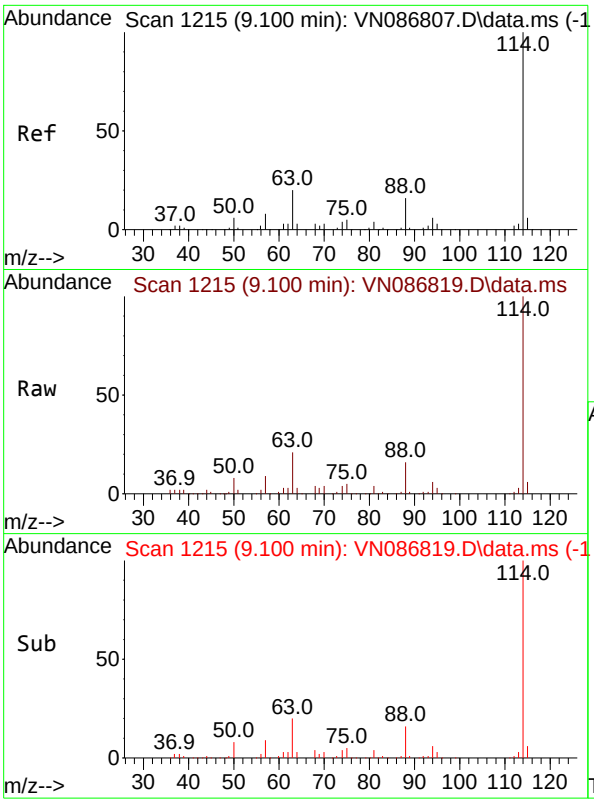


#27
1,2-Dichloroethane-d4
Concen: 32.384 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 65 Resp: 76108

Ion	Ratio	Lower	Upper
65	100		
67	53.9	44.6	67.0

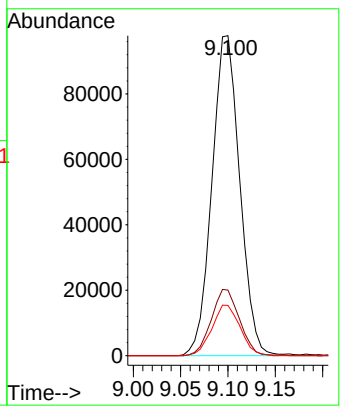




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion:114 Resp: 19997

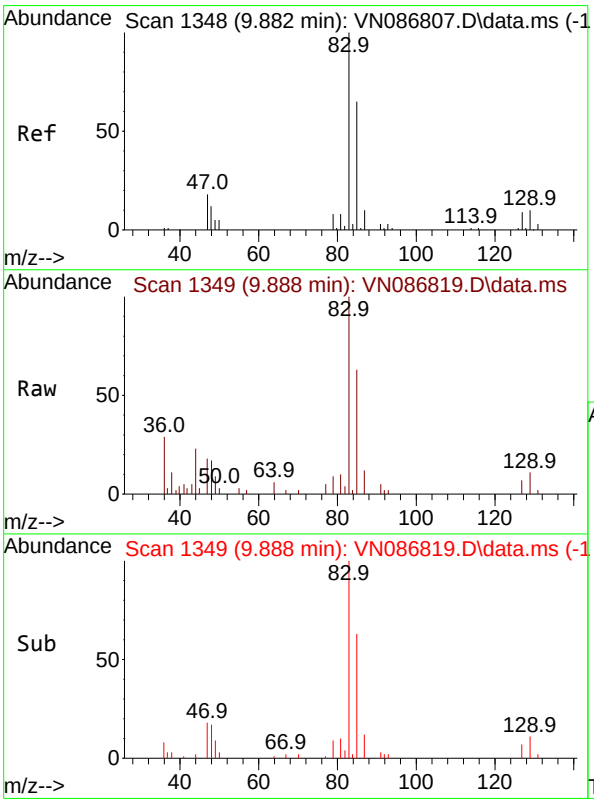
Ion	Ratio	Lower	Upper
114	100		
63	20.9	15.8	23.8
88	16.0	12.9	19.3



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

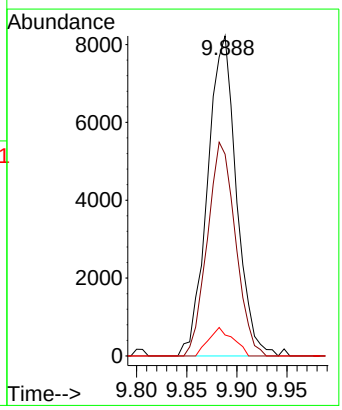
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

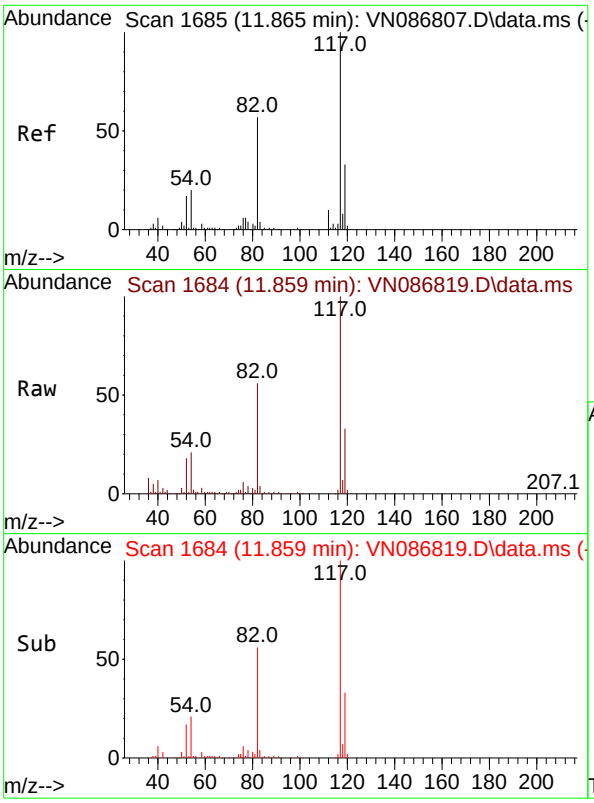


#41
Bromodichloromethane
Concen: 5.227 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 83 Resp: 16482

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8
127	6.5	6.8	10.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

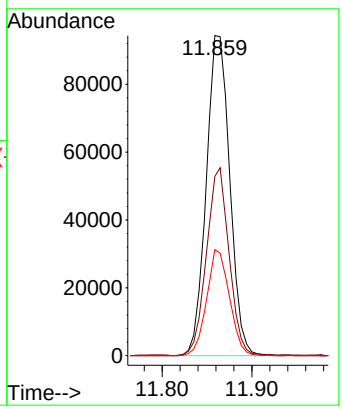
Tgt Ion:117 Resp: 17194

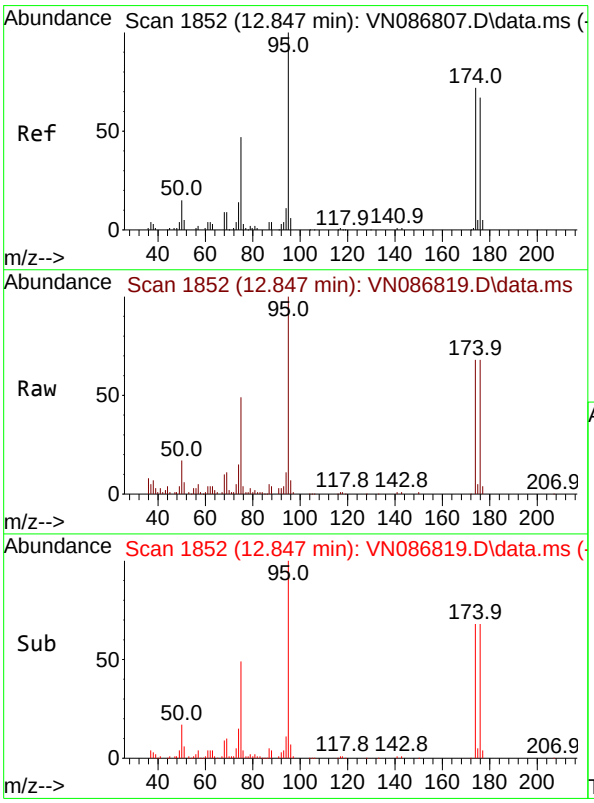
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.7	67.1
119	32.0	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

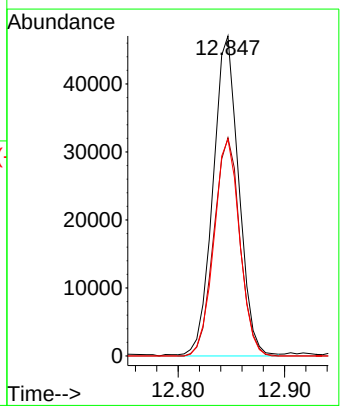


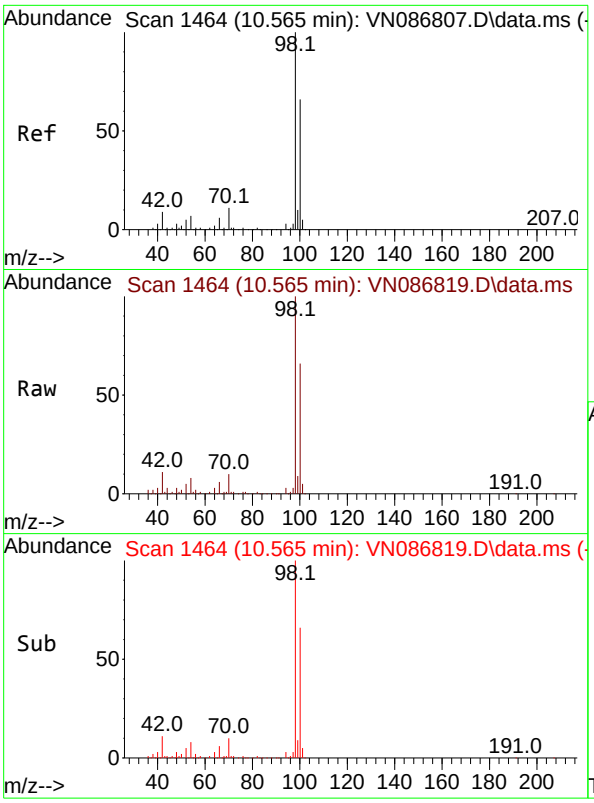


#60
4-Bromofluorobenzene
Concen: 29.252 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 95 Resp: 78966

Ion	Ratio	Lower	Upper
95	100		
174	69.0	56.2	84.4
176	67.4	53.4	80.0

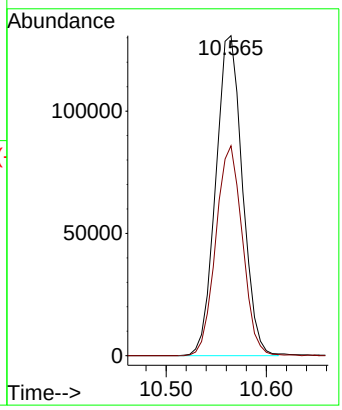




#63
Toluene-d8
Concen: 30.566 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086819.D
Acq: 29 May 2025 17:01

Tgt Ion: 98 Resp: 24122

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Raw Data: **VN086818.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-002	SDG No.:	Q2098
Lab Sample ID:	Q2098-04	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086818.D	1		05/29/25 16:37	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	4.60	U	4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.0		91 - 110	97%	SPK: 30
2037-26-5	Toluene-d8	33.8	*	91 - 112	113%	SPK: 30
460-00-4	4-Bromofluorobenzene	27.7		63 - 112	92%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	17800	9.047			
540-36-3	1,4-Difluorobenzene	142000	9.835			
3114-55-4	Chlorobenzene-d5	90900	12.041			

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

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

Sample Results: **VN086818.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086818.D
Acq On : 29 May 2025 16:37
Operator : JC\MD
Sample : Q2098-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 30 04:10:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	9.047	128	17750m	30.000	ug/l	1.24
28) 1,4-Difluorobenzene	9.835	114	142160m	30.000	ug/l	0.74
57) Chlorobenzene-d5	12.041	117	90878	30.000	ug/l	0.18
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	9.506	65	35389m	29.018	ug/l	0.93
Spiked Amount 30.000	Range 91 - 110		Recovery = 96.733%			
60) 4-Bromofluorobenzene	12.923	95	39452	27.651	ug/l	0.08
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.167%			
63) Toluene-d8	10.941	98	140819	33.760	ug/l	0.38
Spiked Amount 30.000	Range 91 - 112		Recovery = 112.533%#			
Target Compounds						Qvalue
16) Carbon Disulfide	7.530	76	15271m	4.998	ug/l	
25) Chloroform	9.118	83	150014m	74.152	ug/l	
91) Naphthalene	15.635	128	14886	4.628	ug/l	98

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

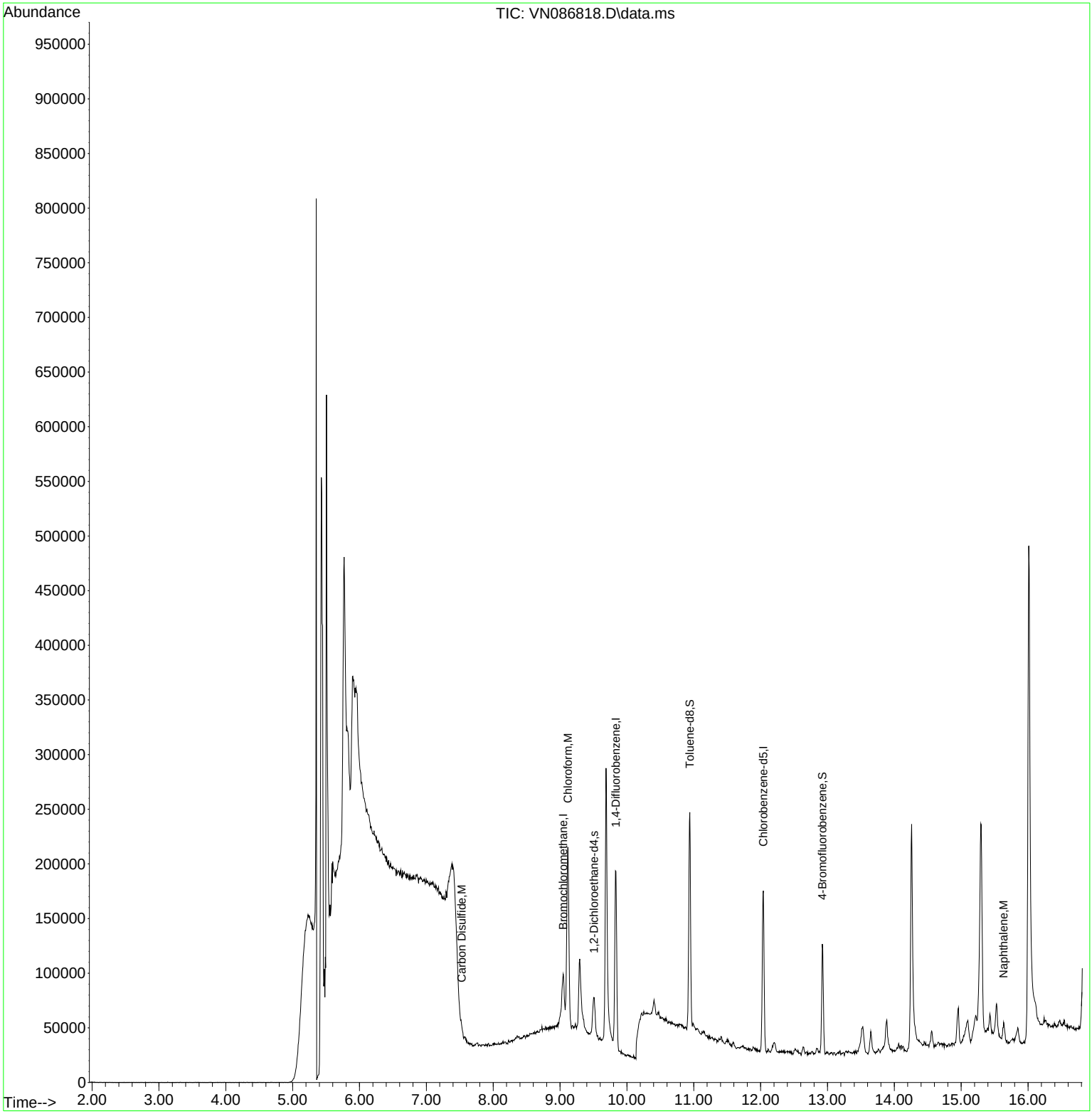
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086818.D
Acq On : 29 May 2025 16:37
Operator : JC\MD
Sample : Q2098-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

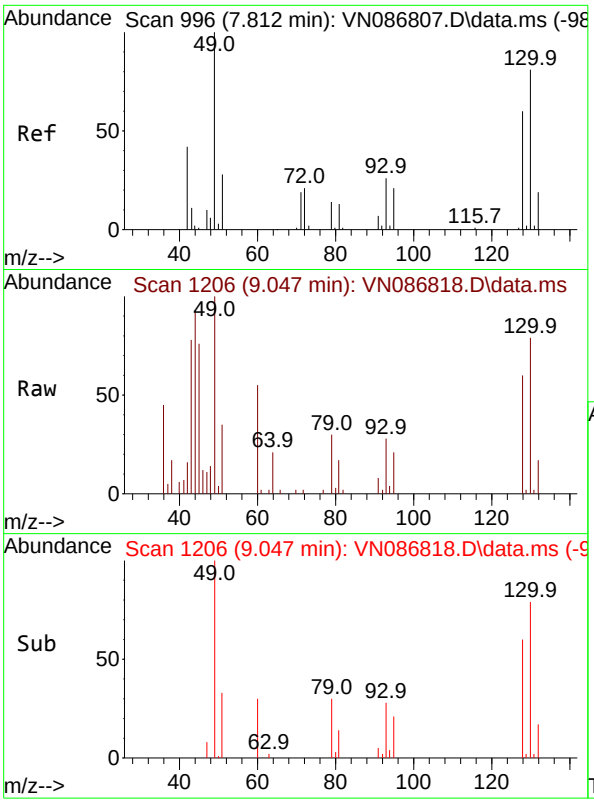
Quant Time: May 30 04:10:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

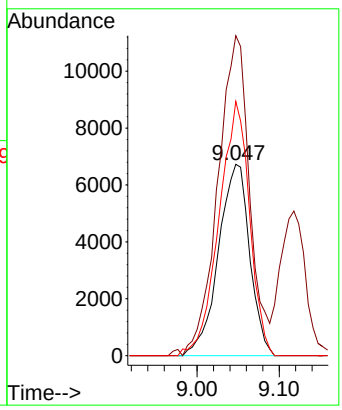




#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 9.047 min Scan# 1
Delta R.T. 1.235 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion:128 Resp: 1775

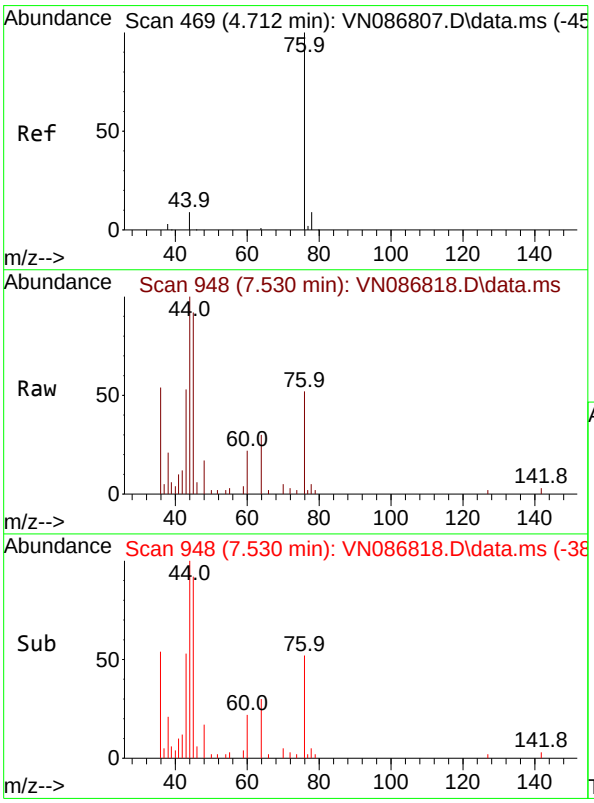
Ion	Ratio	Lower	Upper
128	100		
49	0.0	0.0	404.5
130	0.0	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

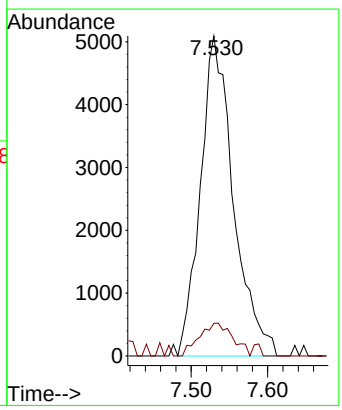
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

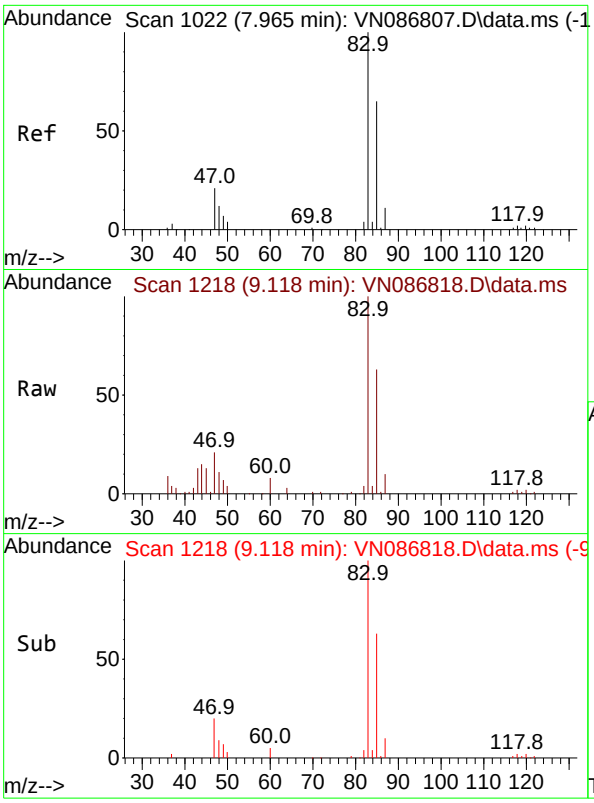


#16
Carbon Disulfide
Concen: 4.998 ug/l m
RT: 7.530 min Scan# 948
Delta R.T. 2.817 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion: 76 Resp: 15271

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.2	10.8





#25
Chloroform
Concen: 74.152 ug/l m
RT: 9.118 min Scan# 1
Delta R.T. 1.153 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

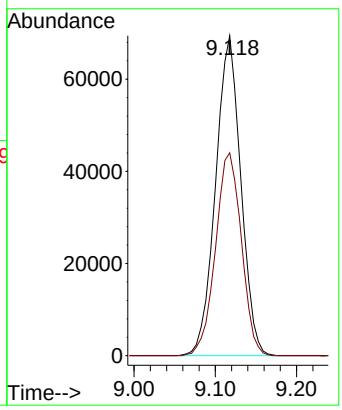
Tgt Ion: 83 Resp: 15001

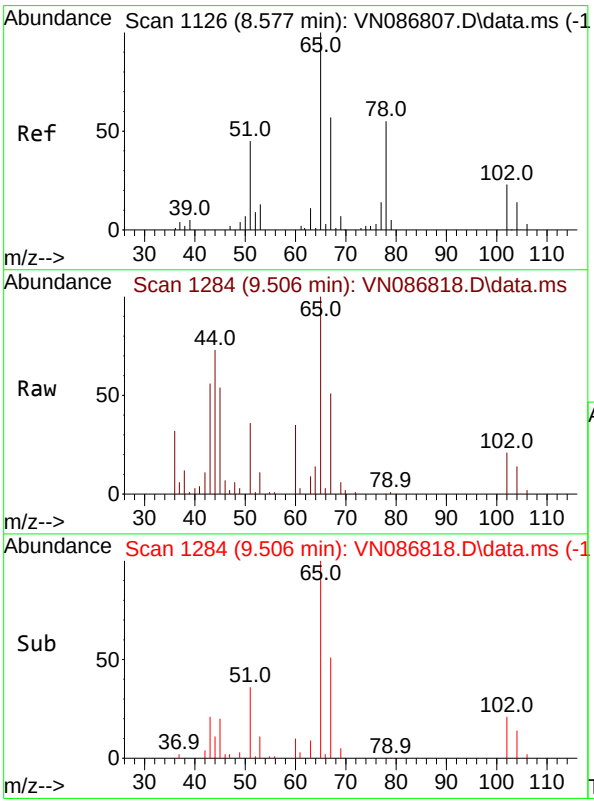
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

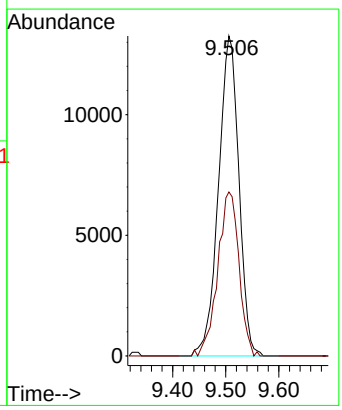


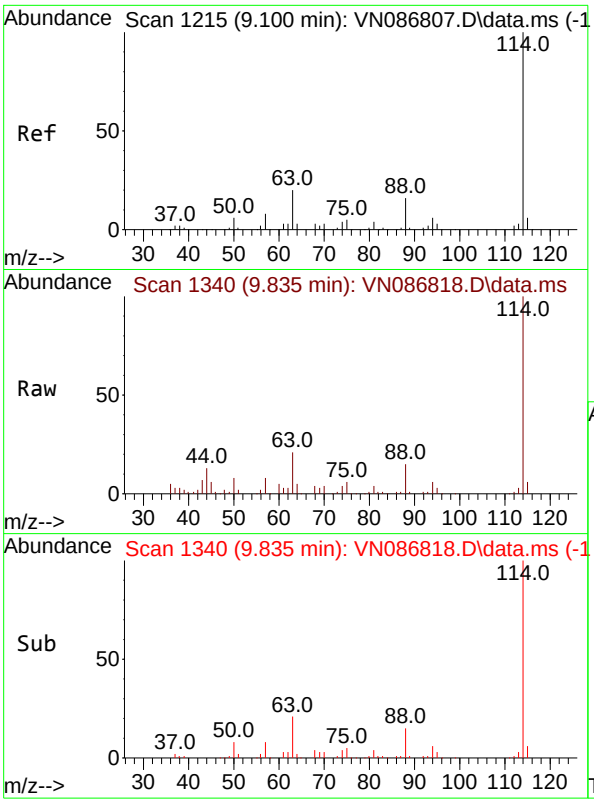


#27
1,2-Dichloroethane-d4
Concen: 29.018 ug/l m
RT: 9.506 min Scan# 1284
Delta R.T. 0.929 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion: 65 Resp: 35389

Ion	Ratio	Lower	Upper
65	100		
67	0.2	44.6	67.0#

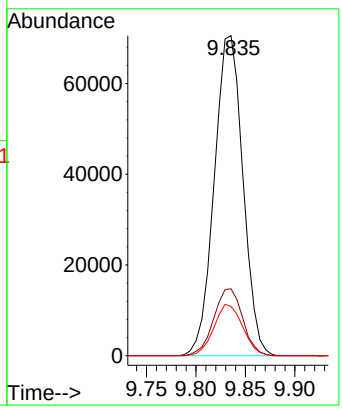




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l m
RT: 9.835 min Scan# 1
Delta R.T. 0.735 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion:114 Resp: 14216

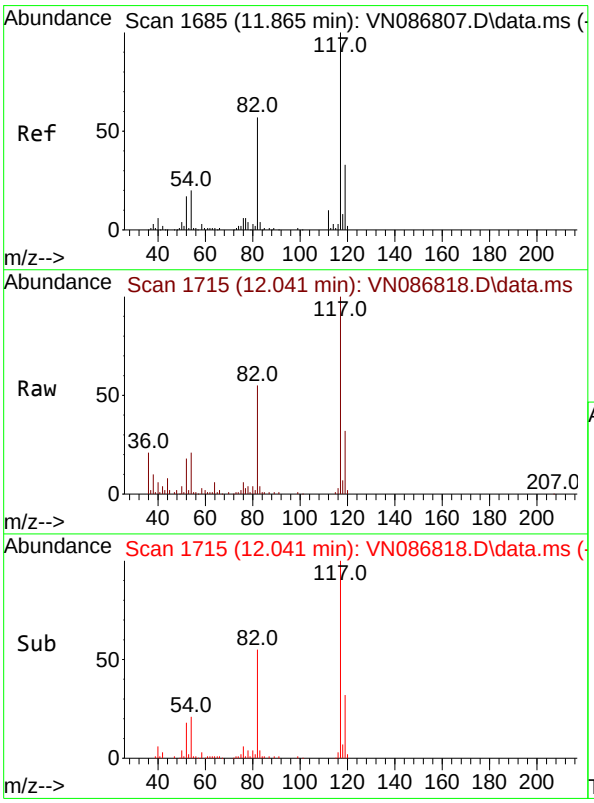
Ion	Ratio	Lower	Upper
114	100		
63	0.0	15.8	23.8#
88	0.0	12.9	19.3#



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

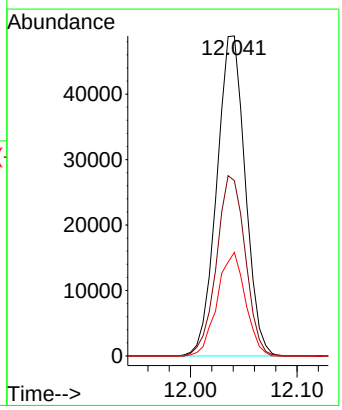
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

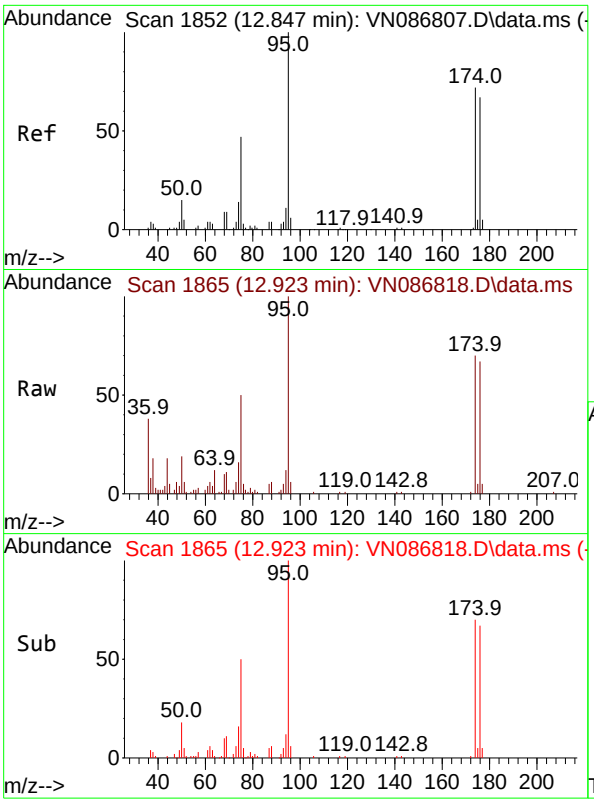


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. 0.176 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion:117 Resp: 90878

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.7	67.1
119	31.8	25.6	38.4

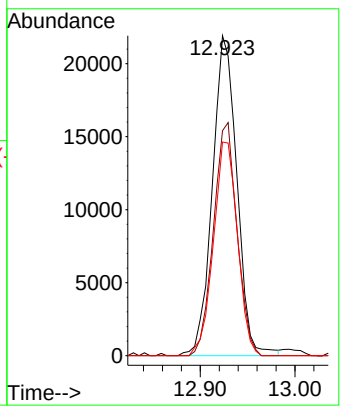




#60
4-Bromofluorobenzene
Concen: 27.651 ug/l
RT: 12.923 min Scan# 1
Delta R.T. 0.076 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion: 95 Resp: 3945

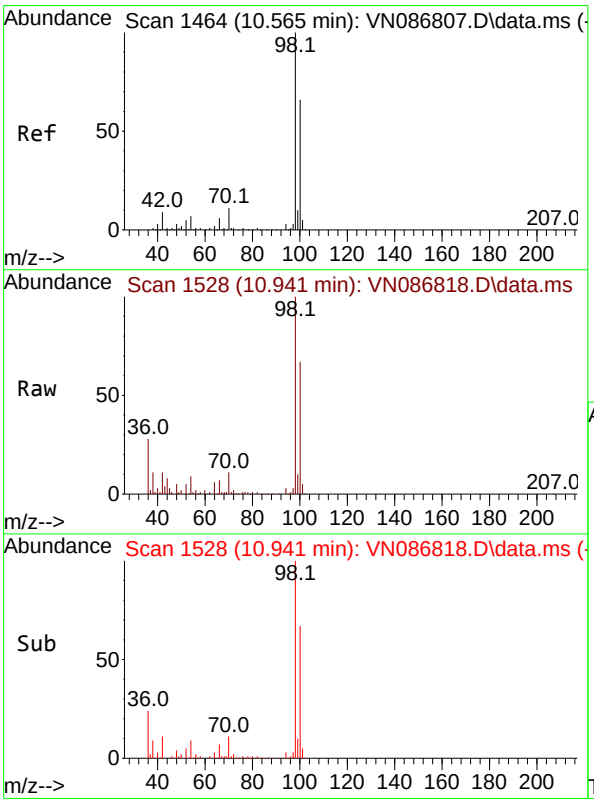
Ion	Ratio	Lower	Upper
95	100		
174	69.8	56.2	84.4
176	65.4	53.4	80.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

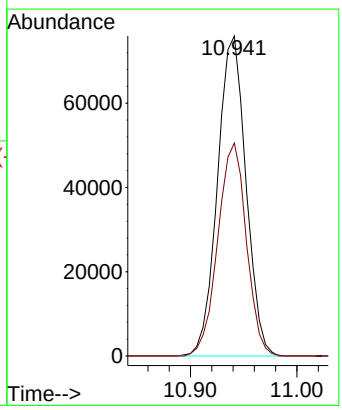
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

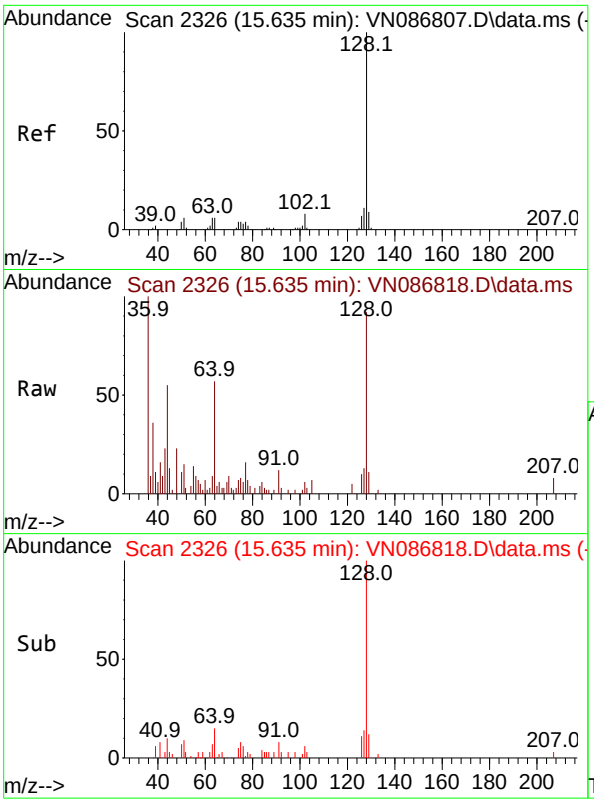


#63
Toluene-d8
Concen: 33.760 ug/l
RT: 10.941 min Scan# 1528
Delta R.T. 0.376 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion: 98 Resp: 140819

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.7	79.1

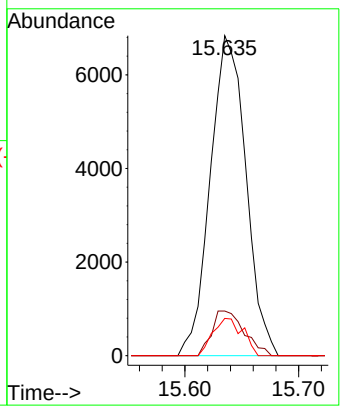




#91
Naphthalene
Concen: 4.628 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086818.D
Acq: 29 May 2025 16:37

Tgt Ion:128 Resp: 1488

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.6
129	9.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG No.: Q2098

Instrument ID: MSVOA_N Calibration Date(s): 05/29/2025 05/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:56 12:32

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

LAB FILE ID: RRF005 = VN086806.D RRF020 = VN086807.D RRF050 = VN086808.D
RRF100 = VN086809.D RRF150 = VN086810.D RRF =

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	$\overline{RRF}$	% RSD
Ethyl Acetate	0.411	0.415	0.388	0.382	0.381		0.395	4.2
Isopropyl Acetate	0.663	0.694	0.681	0.678	0.676		0.678	1.6
Acetone	0.236	0.235	0.228	0.223	0.235		0.232	2.5
Methylene Chloride	2.201	2.075	1.990	1.936	2.070		2.055	4.9
1,2-Dichloroethane-d4	2.095	2.082	2.062	2.007	2.060		2.061	1.6
Toluene-d8	1.401	1.392	1.378	1.371	1.342		1.377	1.6
4-Bromofluorobenzene	0.445	0.468	0.472	0.477	0.493		0.471	3.6
n-amyl Acetate	0.462	0.559	0.545	0.563	0.594		0.545	9.1

* 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.

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086806.D
Acq On : 29 May 2025 10:56
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 :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:56:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.812	128	37241	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.094	114	212389	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	186195	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.577	65	78023	30.493	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.633%				
60) 4-Bromofluorobenzene	12.847	95	82926	28.367	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.567%				
63) Toluene-d8	10.565	98	260807	30.518	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.733%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.124	85	11327	4.478	ug/l		96
3) Chloromethane	2.359	50	16496	5.058	ug/l		98
4) Vinyl Chloride	2.518	62	14616	4.870	ug/l	#	88
5) Bromomethane	2.959	94	9132	5.743	ug/l		98
6) Chloroethane	3.118	64	9356	5.097	ug/l		95
7) Trichlorofluoromethane	3.500	101	17657	5.023	ug/l		98
8) Diethyl Ether	3.959	74	7383	5.035	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.371	101	10627	4.933	ug/l		98
10) 1,1-Dichloroethene	4.336	96	10757	4.898	ug/l		95
11) Methyl Iodide	4.583	142	12515	4.834	ug/l		92
12) Methyl Acetate	5.024	43	11690m	4.806	ug/l		
13) Acrolein	4.171	56	5375m	21.245	ug/l		
14) Acrylonitrile	5.718	53	27855	24.541	ug/l		96
15) Acetone	4.424	58	7319	25.468	ug/l		94
16) Carbon Disulfide	4.712	76	31360	4.892	ug/l		97
17) Allyl chloride	5.018	41	16252	4.981	ug/l		95
18) Methylene Chloride	5.271	84	13664m	5.357	ug/l		
19) trans-1,2-Dichloroethene	5.789	96	11161	4.856	ug/l	#	92
20) Diisopropyl ether	6.671	45	35354	4.920	ug/l		96
21) 1,1-Dichloroethane	6.565	63	21896	5.049	ug/l		99
22) cis-1,2-Dichloroethene	7.483	96	13781	4.951	ug/l		98
23) tert-Butyl Alcohol	5.506	59	8433m	23.137	ug/l		
24) Methyl tert-Butyl Ether	5.789	73	34909	4.823	ug/l	#	80
25) Chloroform	7.959	83	22264	5.245	ug/l		94
26) Cyclohexane	8.253	56	18316	4.880	ug/l	#	100
29) 1,1-Dichloropropene	8.365	75	15092	4.833	ug/l		97
30) 2-Butanone	7.477	43	33735	24.656	ug/l		99
31) 2,2-Dichloropropane	7.483	77	19090	5.179	ug/l		99
32) 1,1,1-Trichloroethane	8.159	97	18294	5.054	ug/l		97
33) Carbon Tetrachloride	8.359	117	15157	4.898	ug/l		94
34) Benzene	8.600	78	50453	4.966	ug/l	#	89
35) Methacrylonitrile	7.777	41	7833	4.984	ug/l		90
36) 1,2-Dichloroethane	8.671	62	15344	5.154	ug/l		98
37) Trichloroethene	9.347	130	14868	5.276	ug/l		98
38) Methylcyclohexane	9.594	83	15716	4.536	ug/l		96
39) 1,2-Dichloropropane	9.618	63	12174	4.977	ug/l		98
40) Dibromomethane	9.706	93	7950	4.969	ug/l		97
41) Bromodichloromethane	9.882	83	16543	4.940	ug/l		97
42) Vinyl Acetate	6.600	43	87685	21.986	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086806.D
Acq On : 29 May 2025 10:56
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 :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:56:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.559	43	14558	5.200	ug/l		98
44) Isopropyl Acetate	8.682	43	23479	4.889	ug/l		100
45) 1,4-Dioxane	9.694	88	4094	95.906	ug/l		92
46) Methyl methacrylate	9.671	41	10357	4.677	ug/l		80
47) n-amyl Acetate	12.494	43	16344	4.239	ug/l		100
48) t-1,3-Dichloropropene	10.829	75	16607	4.634	ug/l		97
49) cis-1,3-Dichloropropene	10.312	75	19230	4.878	ug/l	#	91
50) 1,1,2-Trichloroethane	11.012	97	11168	4.956	ug/l		91
51) Ethyl methacrylate	10.871	69	15947	4.370	ug/l		96
52) 1,3-Dichloropropane	11.159	76	20150	5.039	ug/l		99
53) Dibromochloromethane	11.359	129	12418	4.877	ug/l		96
54) 1,2-Dibromoethane	11.465	107	11351	4.928	ug/l		96
55) 2-Chloroethyl vinyl ether	10.159	63	38709	22.097	ug/l		99
56) Bromoform	12.570	173	7209	4.493	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.441	43	67317	24.639	ug/l		99
59) 2-Hexanone	11.188	43	46351	23.685	ug/l		97
61) Tetrachloroethene	11.100	164	16293	5.206	ug/l		93
62) Toluene	10.629	91	52880	5.043	ug/l		99
64) Chlorobenzene	11.888	112	34057	5.093	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.959	131	11084	5.045	ug/l		98
66) Ethyl Benzene	11.959	91	52316	4.612	ug/l		93
67) m/p-Xylenes	12.065	106	41153	9.246	ug/l		98
68) o-Xylene	12.394	106	19419	4.502	ug/l		97
69) Styrene	12.406	104	31406	4.370	ug/l		97
70) Isopropylbenzene	12.694	105	46104	4.494	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.935	83	11178	4.583	ug/l		98
72) 1,2,3-Trichloropropane	12.994	75	14250m	4.742	ug/l		
73) Bromobenzene	12.976	156	12029	4.717	ug/l		95
74) n-propylbenzene	13.029	91	54016	4.445	ug/l		100
75) 2-Chlorotoluene	13.123	91	36955	4.738	ug/l		99
76) 1,3,5-Trimethylbenzene	13.170	105	37086	4.345	ug/l		99
77) t-1,4-Dichloro-2-butene	12.729	75	5247	4.485	ug/l		95
78) 4-Chlorotoluene	13.217	91	35412	4.583	ug/l		99
79) tert-butylbenzene	13.435	119	33215	4.501	ug/l		98
80) 1,2,4-Trimethylbenzene	13.482	105	36547	4.266	ug/l		98
81) sec-Butylbenzene	13.612	105	43627	4.340	ug/l		97
82) p-Isopropyltoluene	13.723	119	34479	4.085	ug/l		98
83) 1,3-Dichlorobenzene	13.729	146	21406	4.576	ug/l		99
84) 1,4-Dichlorobenzene	13.812	146	21299	4.575	ug/l		98
85) n-Butylbenzene	14.053	91	28928	4.093	ug/l		99
86) Hexachloroethane	14.335	117	6470	4.497	ug/l		97
87) 1,2-Dichlorobenzene	14.106	146	21361	4.733	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2265	4.409	ug/l		94
89) 1,2,4-Trichlorobenzene	15.835	180	8176	4.329	ug/l		97
90) Hexachlorobutadiene	15.500	225	4171	5.153	ug/l		96
91) Naphthalene	15.641	128	26010	3.947	ug/l		99
92) 1,2,3-Trichlorobenzene	15.835	180	8176	4.329	ug/l		97

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

ICAL Form

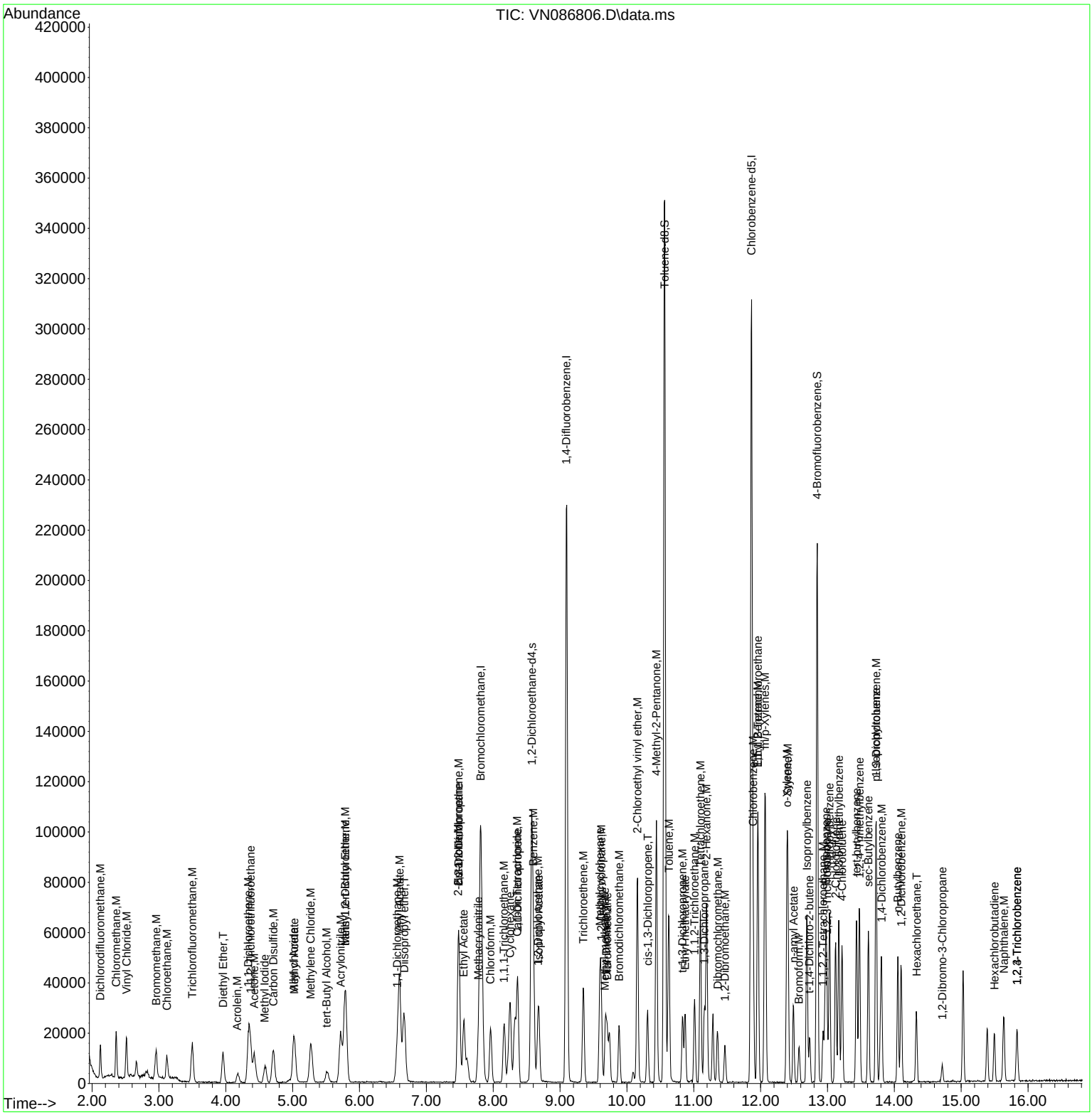
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Data File : VN086806.D
Acq On : 29 May 2025 10:56
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

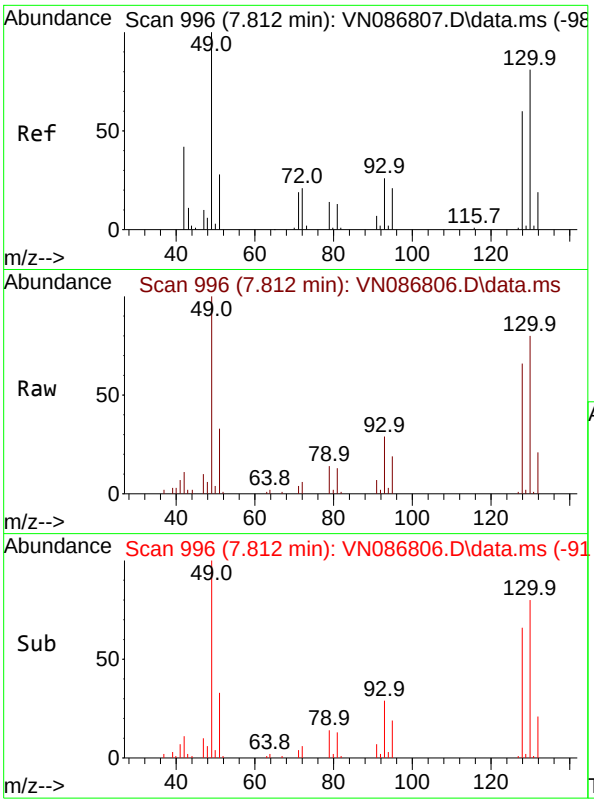
Quant Time: May 30 01:56:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

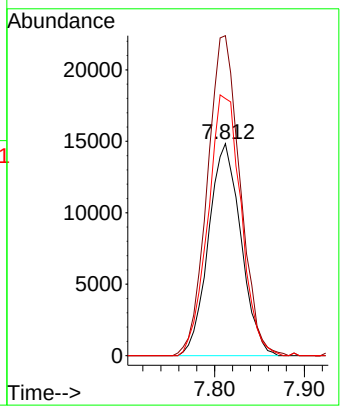




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:128 Resp: 3724

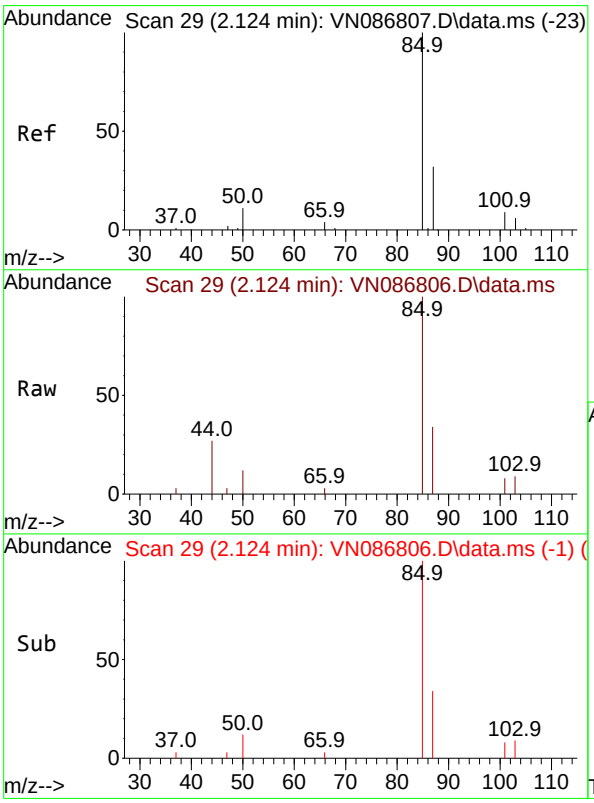
Ion	Ratio	Lower	Upper
128	100		
49	152.4	0.0	404.5
130	125.7	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

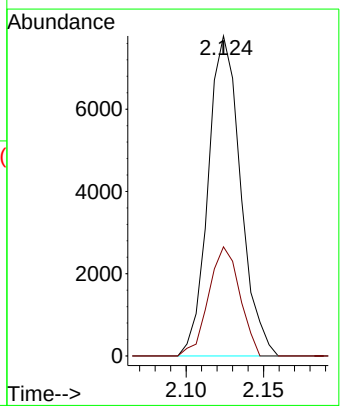
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

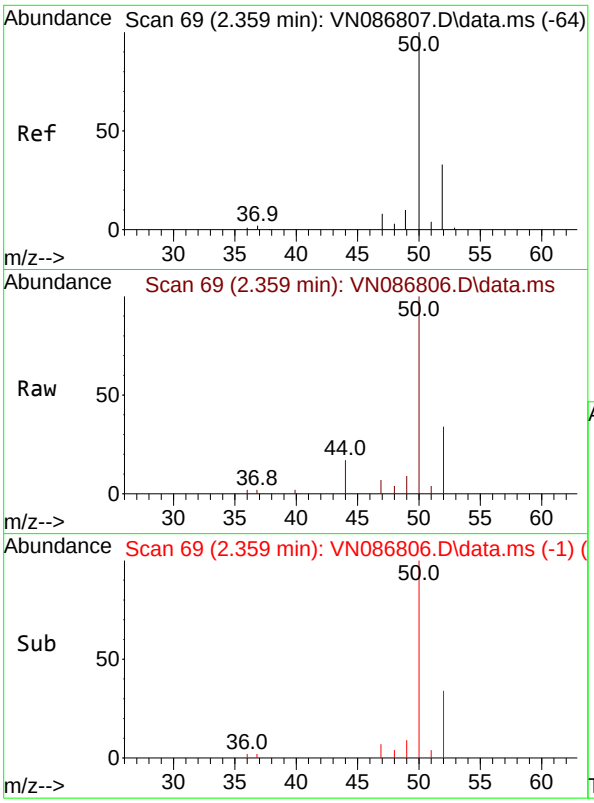


#2
Dichlorodifluoromethane
Concen: 4.478 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 85 Resp: 11327

Ion	Ratio	Lower	Upper
85	100		
87	34.1	15.9	47.7

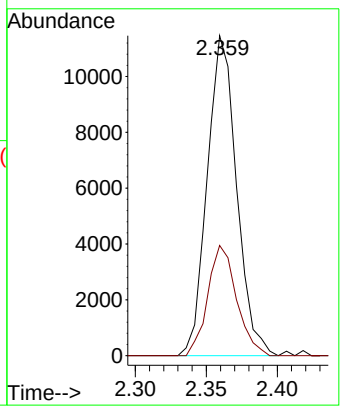




#3
Chloromethane
Concen: 5.058 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 50 Resp: 1649

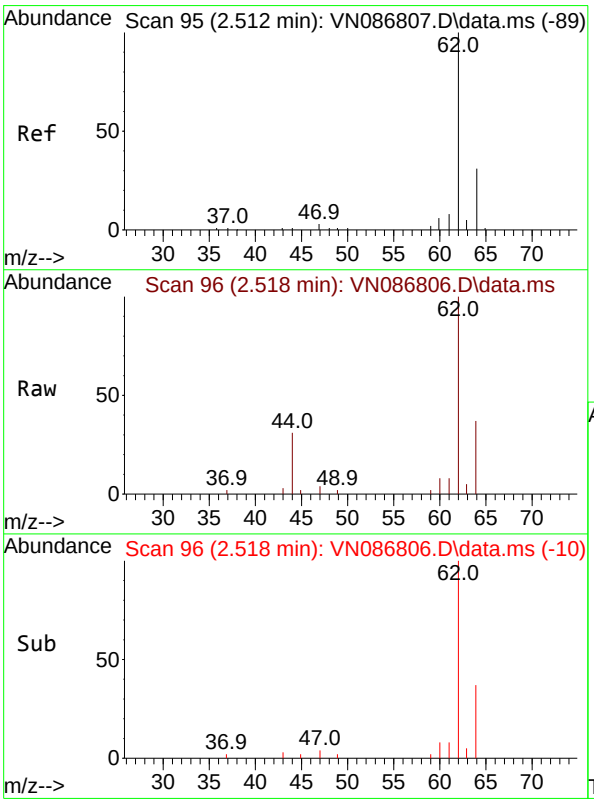
Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

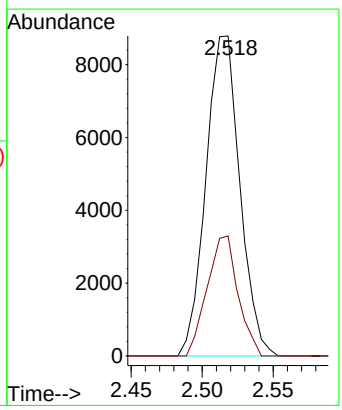
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

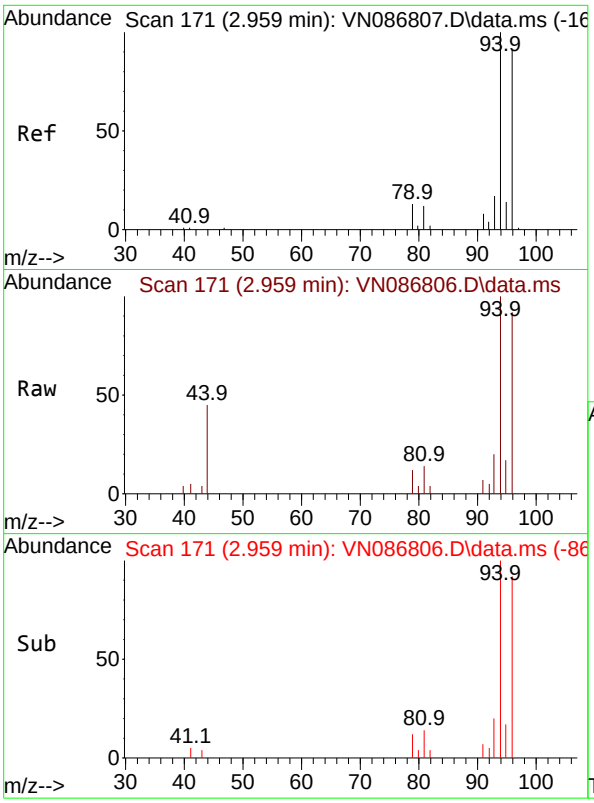


#4
Vinyl Chloride
Concen: 4.870 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 62 Resp: 14616

Ion	Ratio	Lower	Upper
62	100		
64	37.5	24.6	36.8#





#5
Bromomethane
Concen: 5.743 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

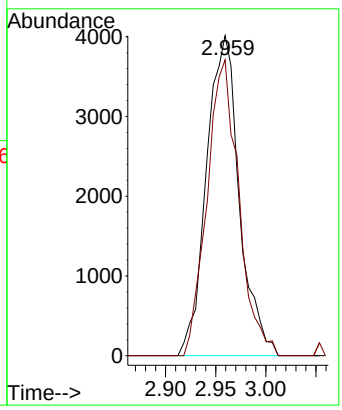
Tgt Ion: 94 Resp: 913

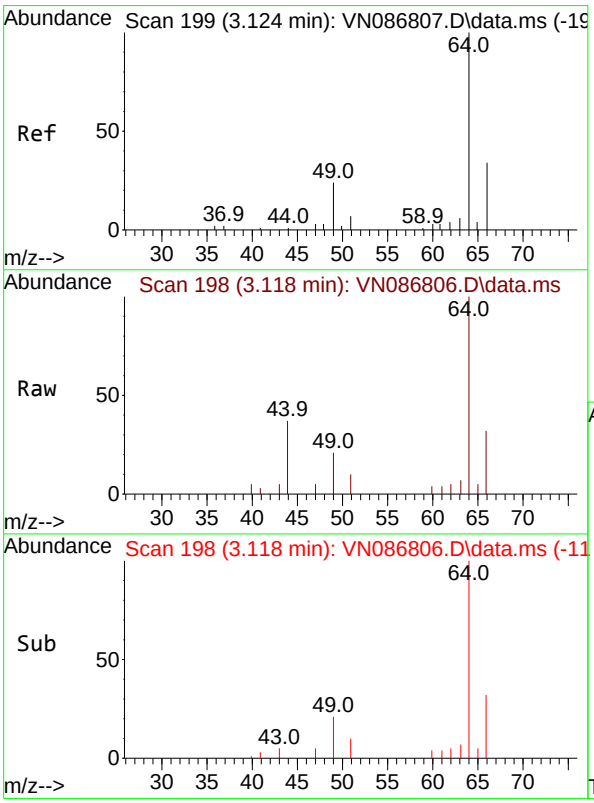
Ion	Ratio	Lower	Upper
94	100		
96	92.5	72.7	109.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

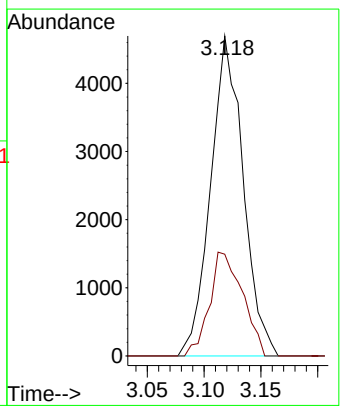


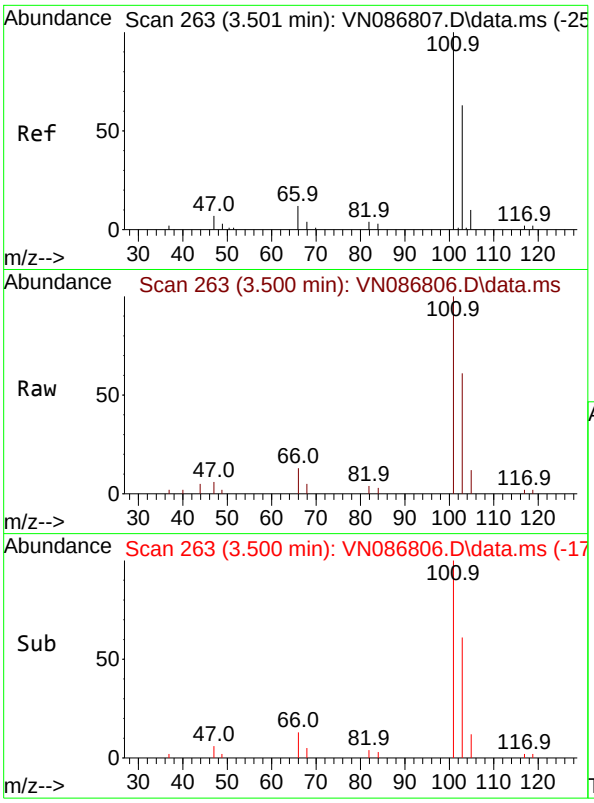


#6
Chloroethane
Concen: 5.097 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 64 Resp: 9356

Ion	Ratio	Lower	Upper
64	100		
66	31.8	27.5	41.3

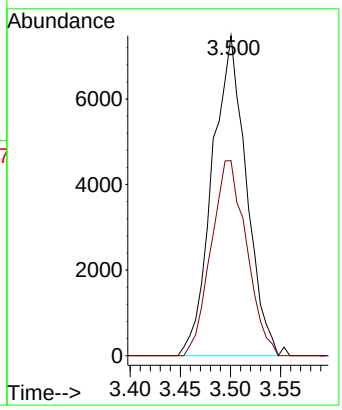




#7
Trichlorofluoromethane
Concen: 5.023 ug/l
RT: 3.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:101 Resp: 1765

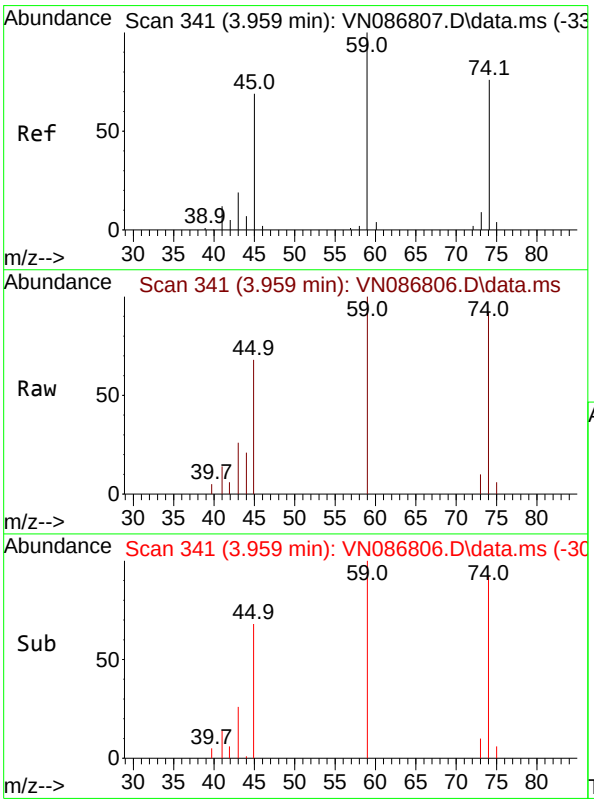
Ion	Ratio	Lower	Upper
101	100		
103	60.9	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

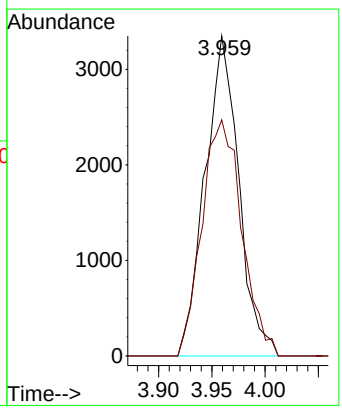
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

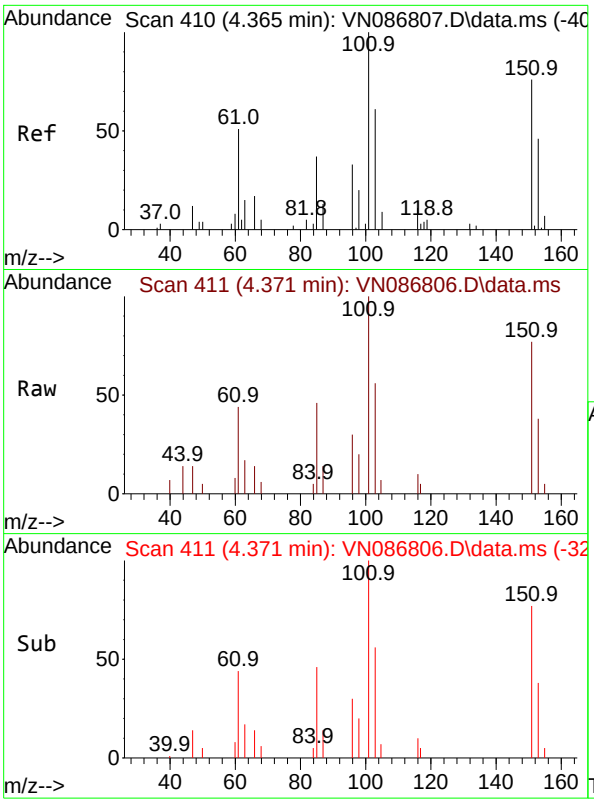


#8
Diethyl Ether
Concen: 5.035 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 74 Resp: 7383

Ion	Ratio	Lower	Upper
74	100		
45	86.9	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.933 ug/l
RT: 4.371 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

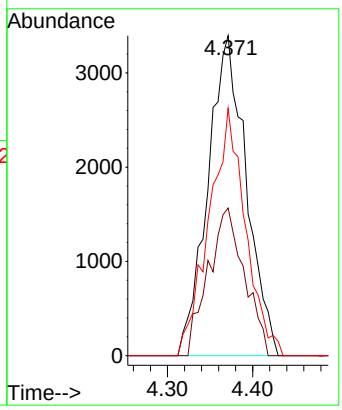
Tgt Ion:101 Resp: 1062

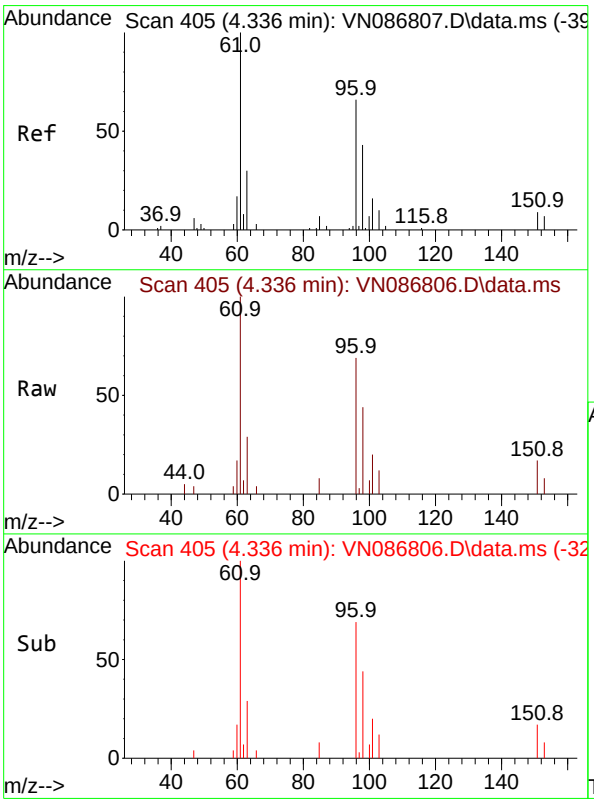
Ion	Ratio	Lower	Upper
101	100		
85	43.4	0.0	83.2
151	72.1	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

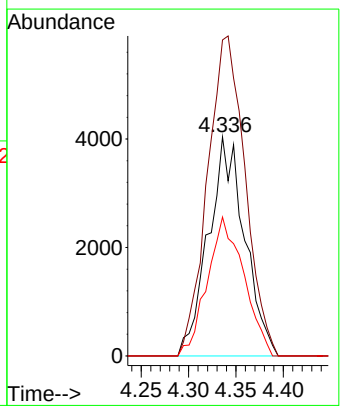


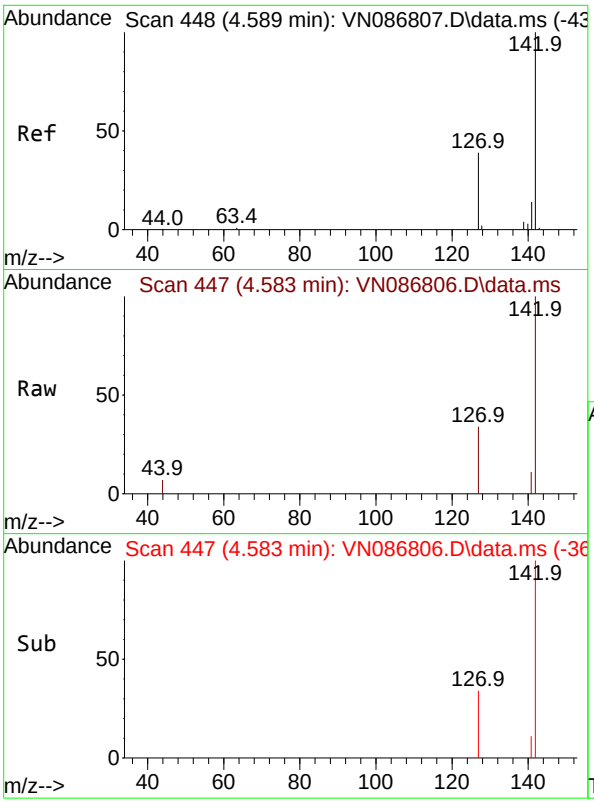


#10
1,1-Dichloroethene
Concen: 4.898 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 96 Resp: 10757

Ion	Ratio	Lower	Upper
96	100		
61	144.3	121.7	182.5
98	63.4	51.9	77.9

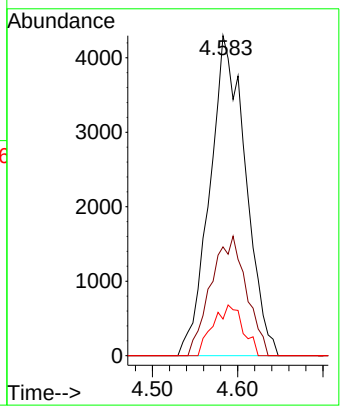




#11
Methyl Iodide
Concen: 4.834 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:142 Resp: 1251

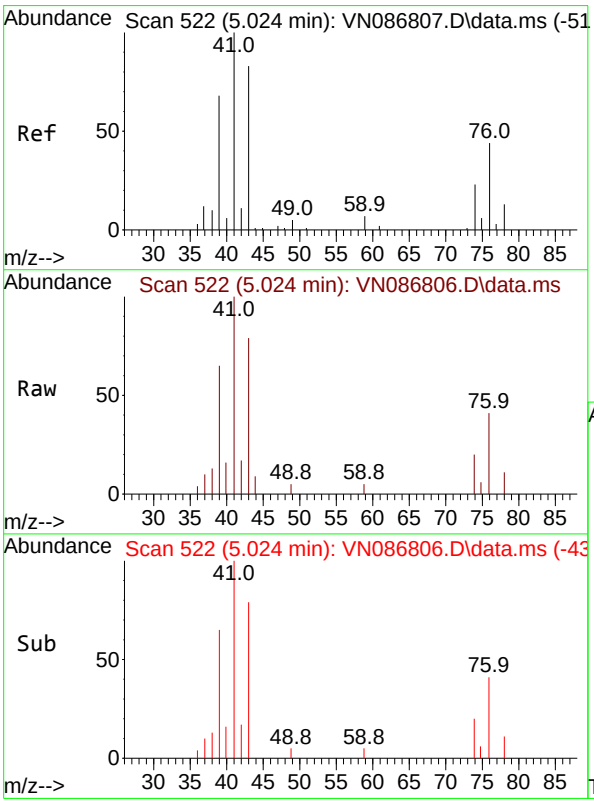
Ion	Ratio	Lower	Upper
142	100		
127	34.0	19.5	58.5
141	11.5	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

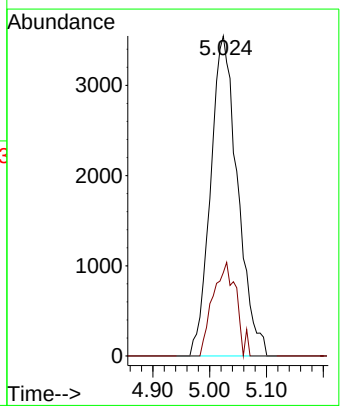
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

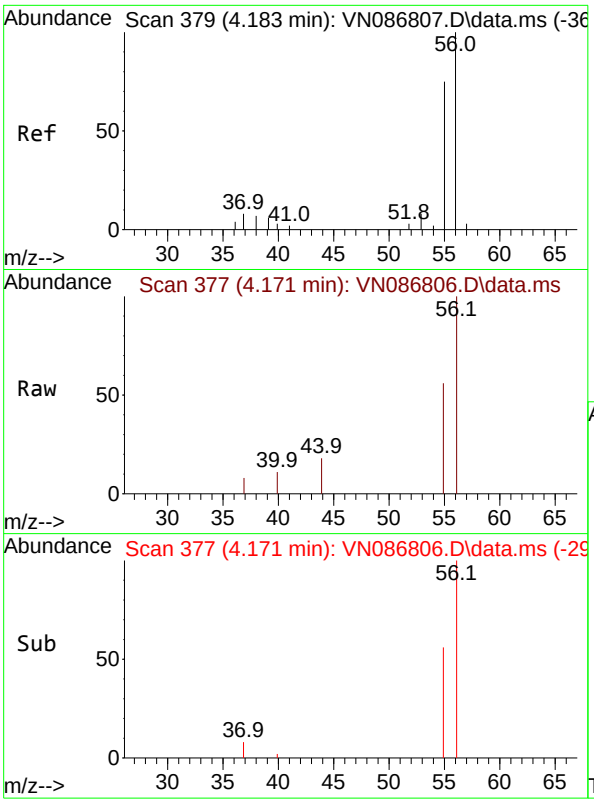


#12
Methyl Acetate
Concen: 4.806 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 43 Resp: 11690

Ion	Ratio	Lower	Upper
43	100		
74	26.0	22.7	34.1

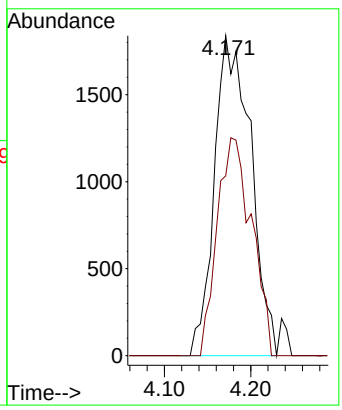




#13
Acrolein
Concen: 21.245 ug/l m
RT: 4.171 min Scan# 3
Delta R.T. -0.012 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 56 Resp: 537

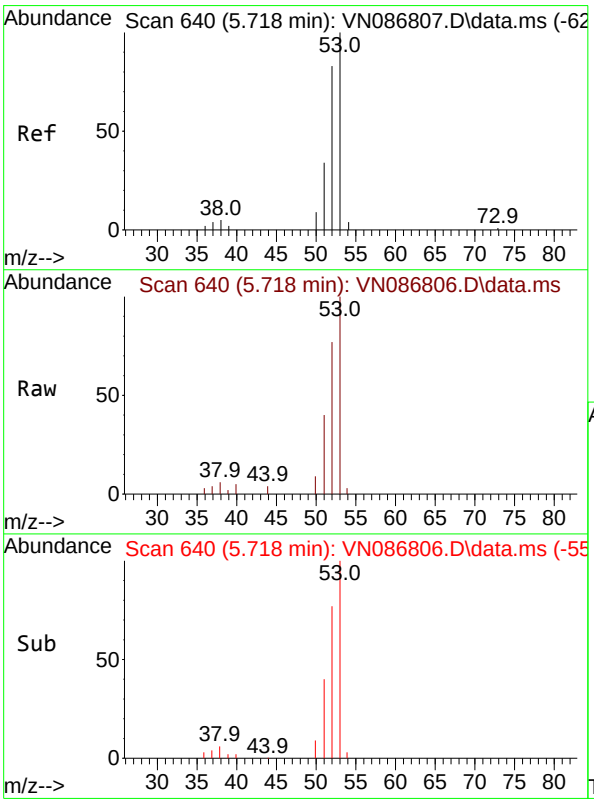
Ion	Ratio	Lower	Upper
56	100		
55	64.5	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

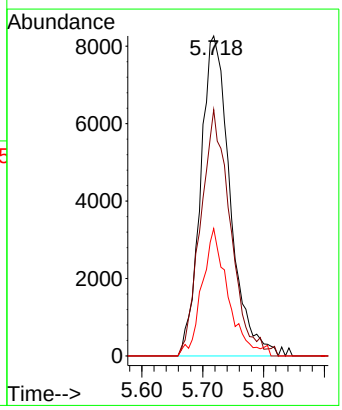
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

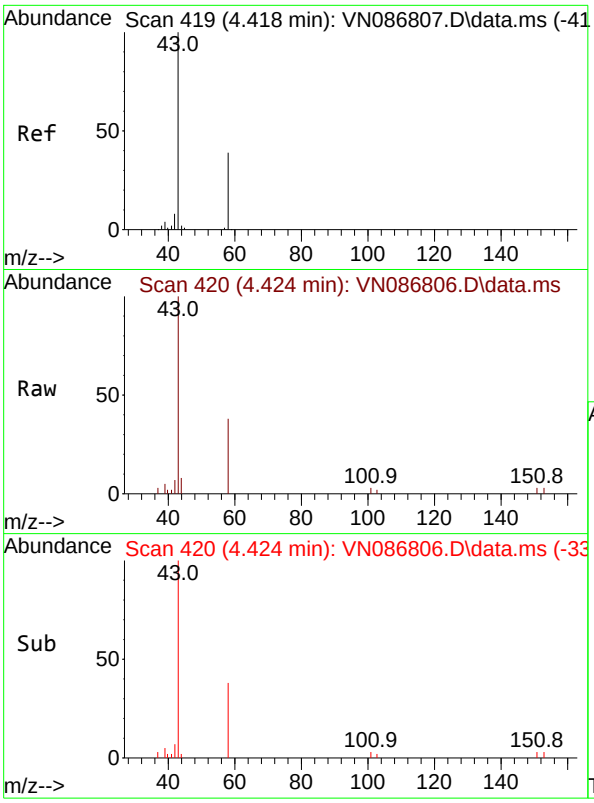


#14
Acrylonitrile
Concen: 24.541 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 53 Resp: 27855

Ion	Ratio	Lower	Upper
53	100		
52	76.1	40.0	119.9
51	34.0	17.5	52.6

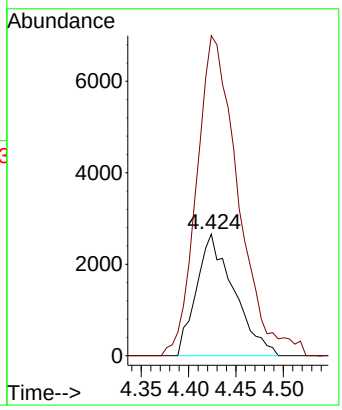




#15
Acetone
Concen: 25.468 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 58 Resp: 731

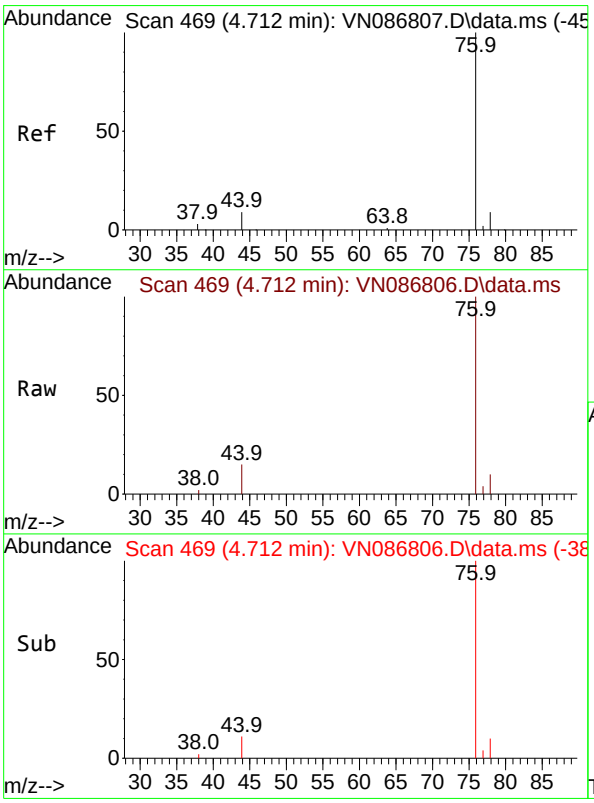
Ion	Ratio	Lower	Upper
58	100		
43	249.4	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

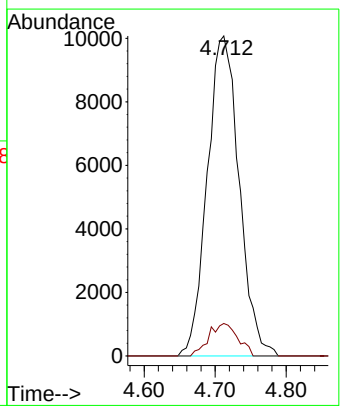
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

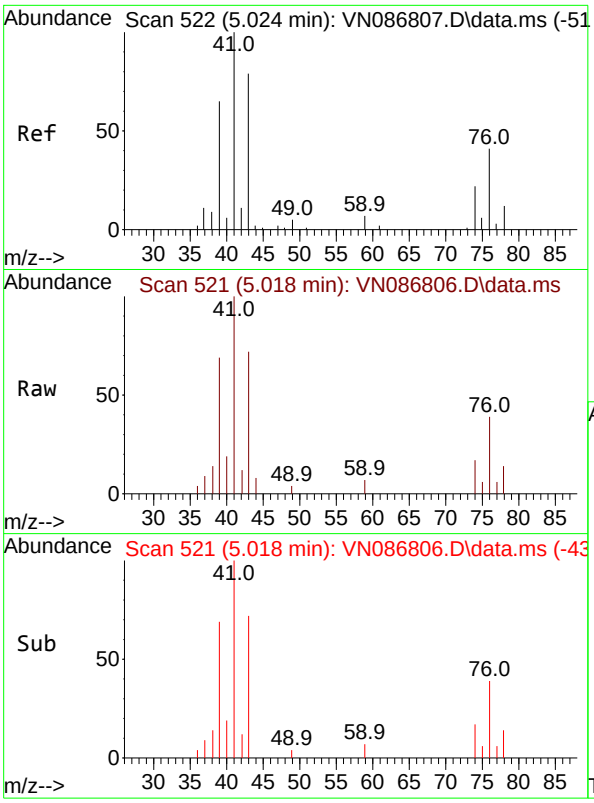


#16
Carbon Disulfide
Concen: 4.892 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 76 Resp: 31360

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8

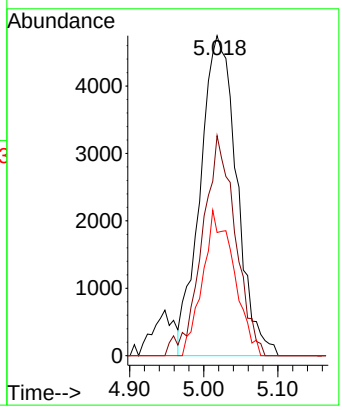




#17
Allyl chloride
Concen: 4.981 ug/l
RT: 5.018 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 41 Resp: 1625

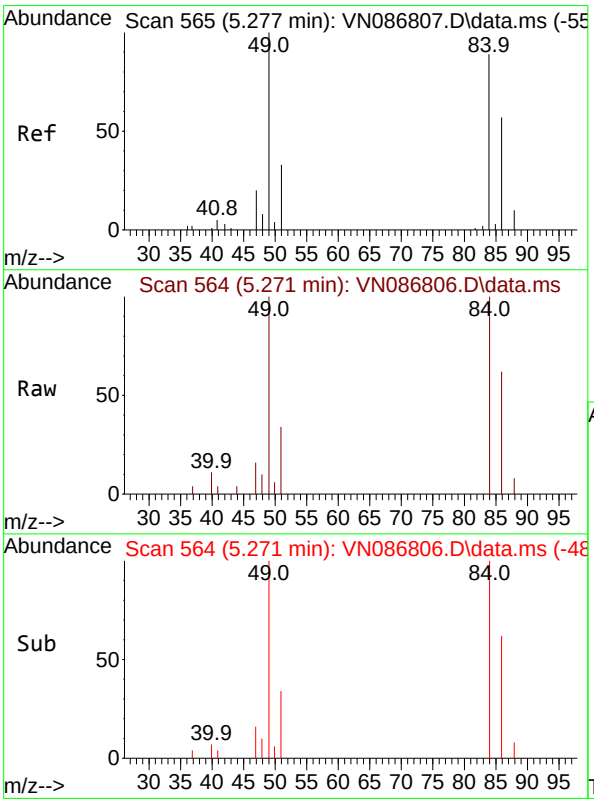
Ion	Ratio	Lower	Upper
41	100		
39	68.8	31.6	94.8
76	38.5	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

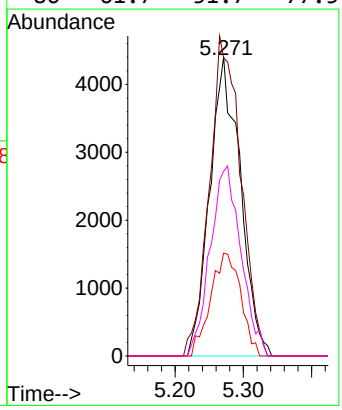
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

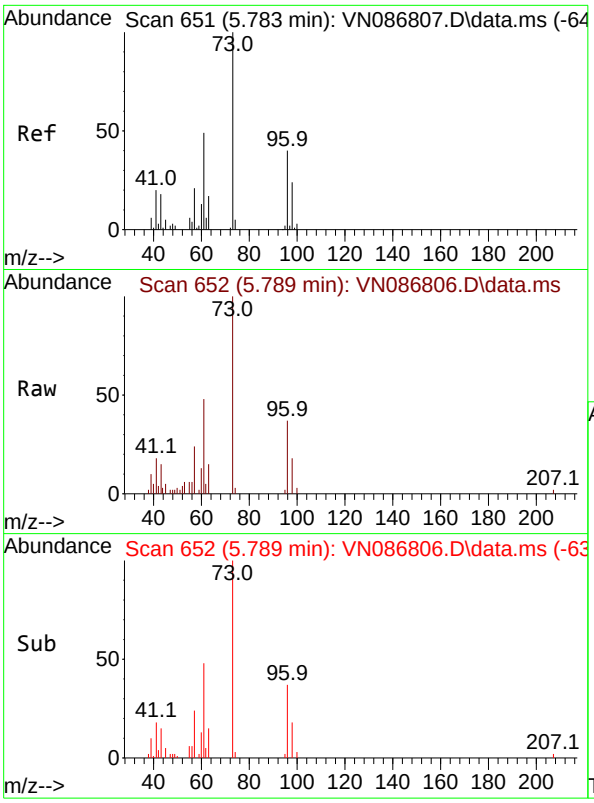


#18
Methylene Chloride
Concen: 5.357 ug/l m
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 84 Resp: 13664

Ion	Ratio	Lower	Upper
84	100		
49	99.7	89.9	134.9
51	34.4	29.6	44.4
86	61.7	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 4.856 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

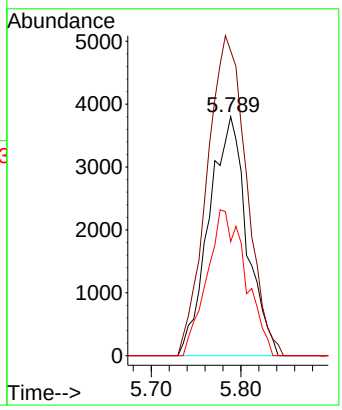
Tgt Ion: 96 Resp: 1116

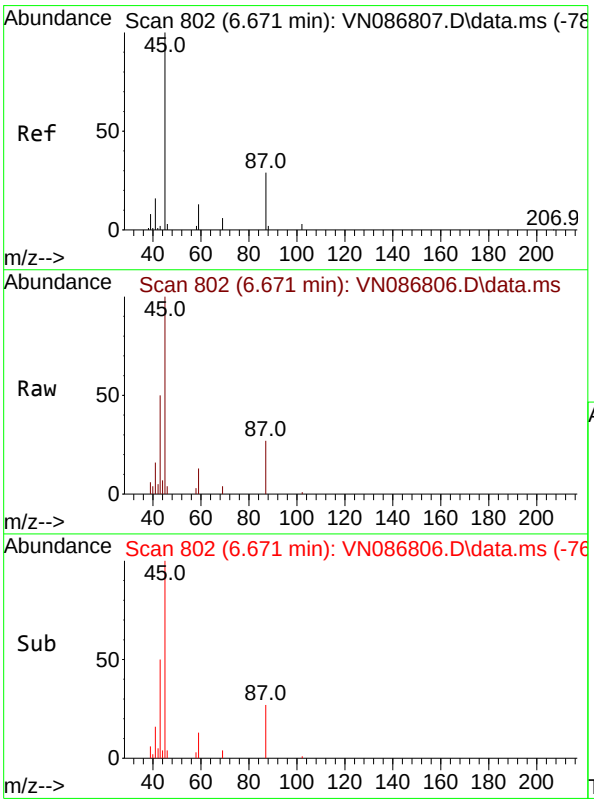
Ion	Ratio	Lower	Upper
96	100		
61	127.5	98.9	148.3
98	47.7	49.0	73.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

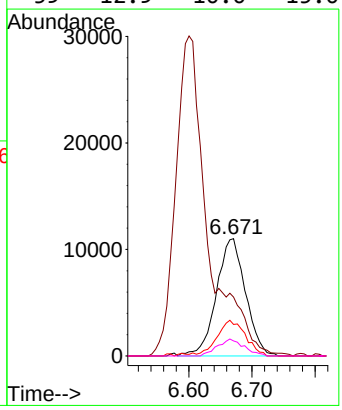


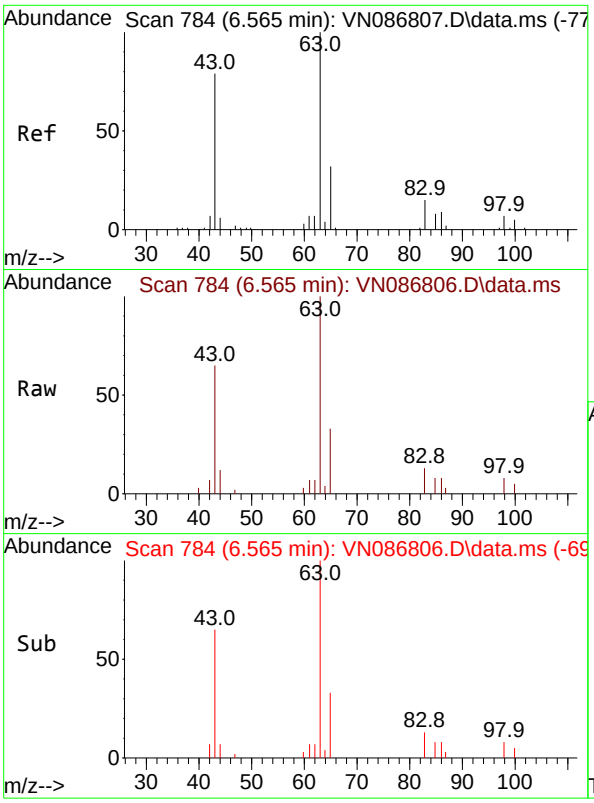


#20
Diisopropyl ether
Concen: 4.920 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 45 Resp: 35354

Ion	Ratio	Lower	Upper
45	100		
43	47.9	40.3	60.5
87	26.9	24.1	36.1
59	12.9	10.0	15.0

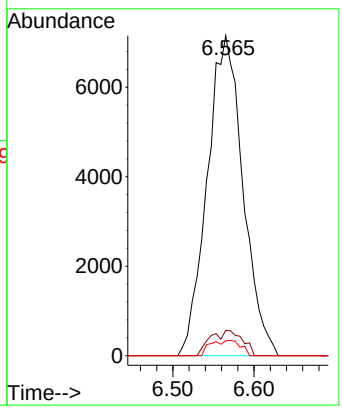




#21
1,1-Dichloroethane
Concen: 5.049 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 63 Resp: 2189

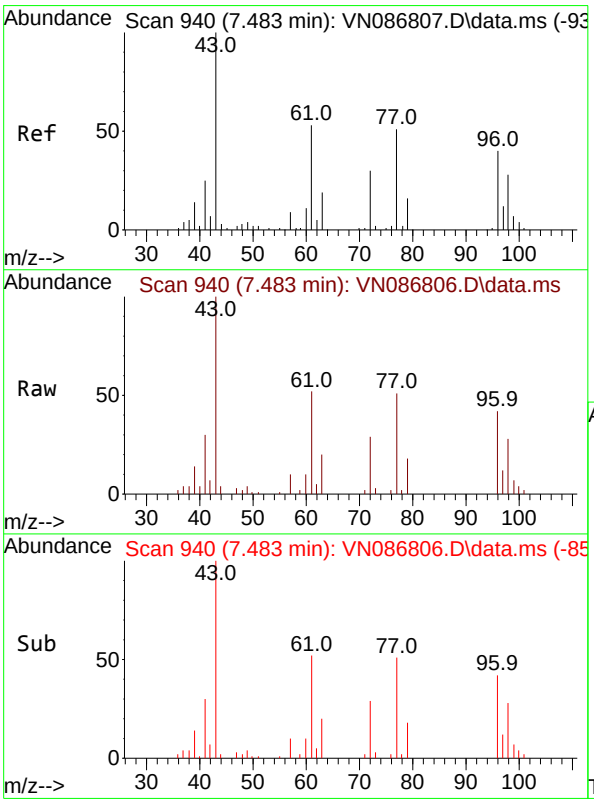
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.8	11.2
100	4.6	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

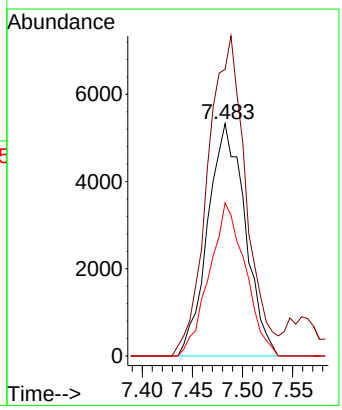
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

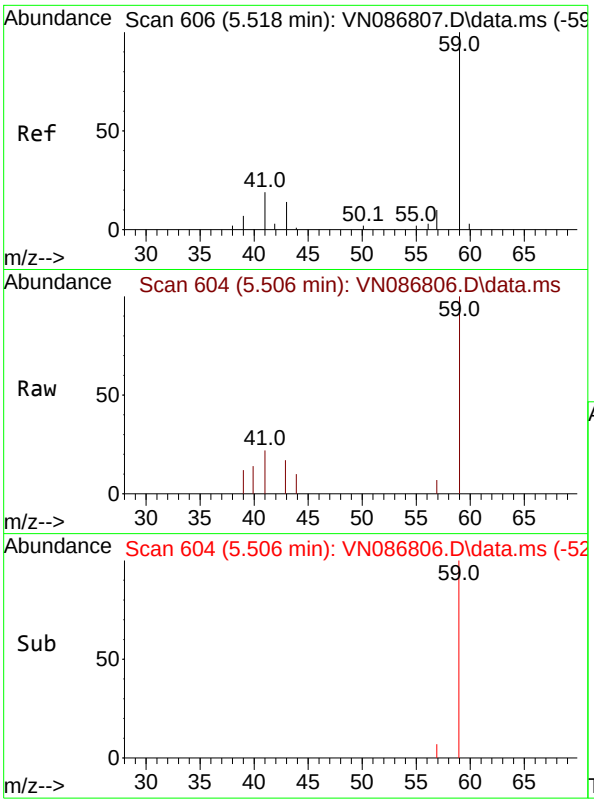


#22
cis-1,2-Dichloroethene
Concen: 4.951 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 96 Resp: 13781

Ion	Ratio	Lower	Upper
96	100		
61	140.7	110.7	166.1
98	63.5	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 23.137 ug/l m
RT: 5.506 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

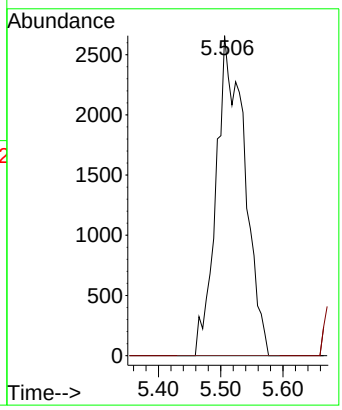
Tgt Ion: 59 Resp: 843

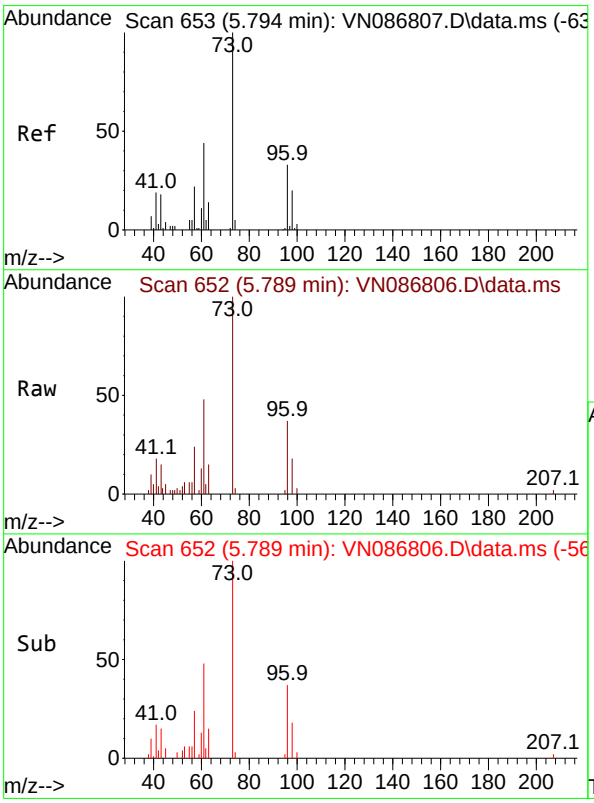
Ion	Ratio	Lower	Upper
59	100		
52	251.3	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

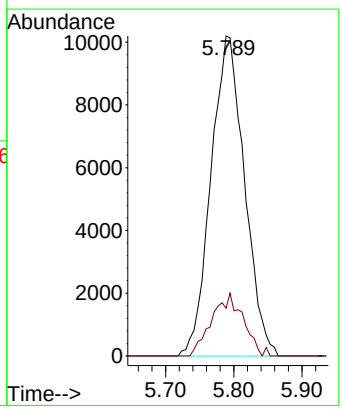


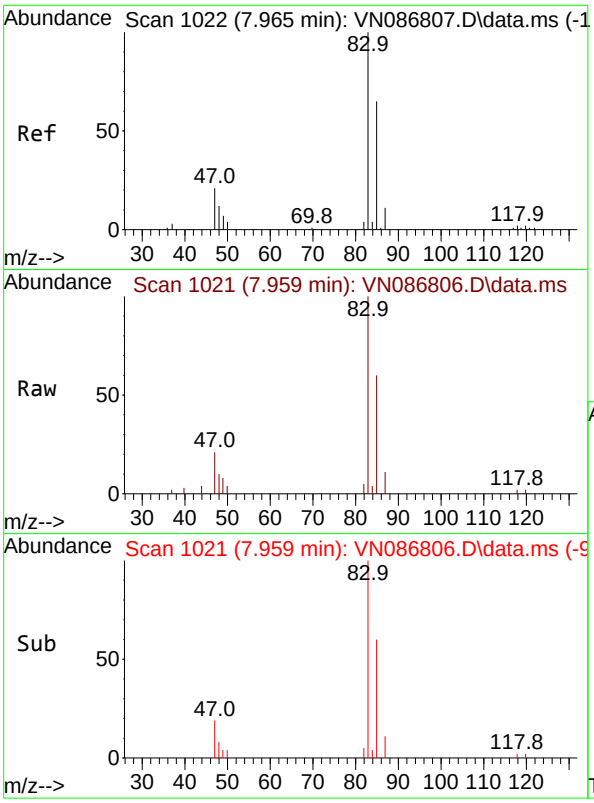


#24
Methyl tert-Butyl Ether
Concen: 4.823 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 73 Resp: 34909

Ion	Ratio	Lower	Upper
73	100		
43	9.3	14.6	22.0#





#25
Chloroform
Concen: 5.245 ug/l
RT: 7.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

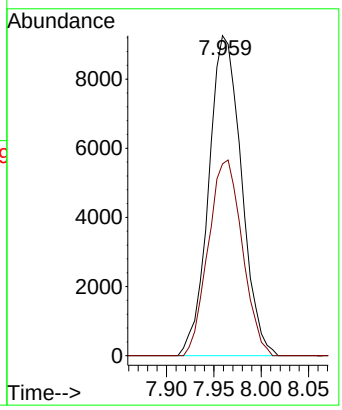
Tgt Ion: 83 Resp: 2226

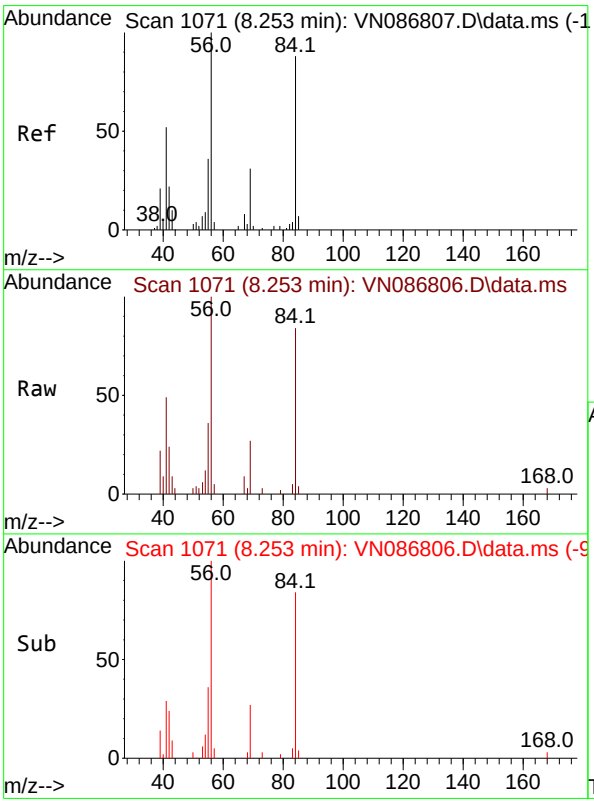
Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

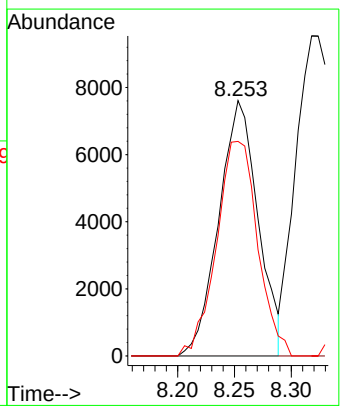


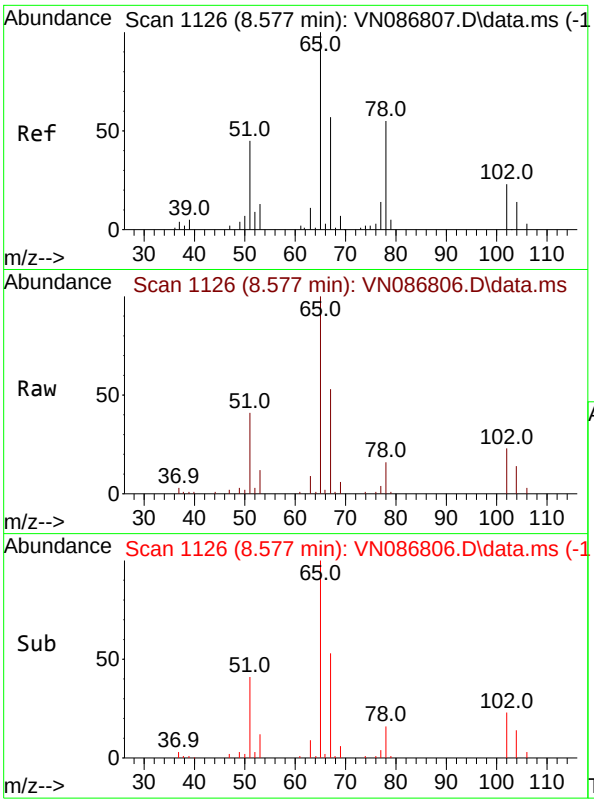


#26
Cyclohexane
Concen: 4.880 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 56 Resp: 18316

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	87.9	70.4	105.6

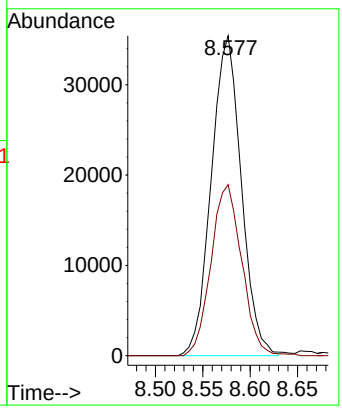




#27
1,2-Dichloroethane-d4
Concen: 30.493 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 65 Resp: 7802

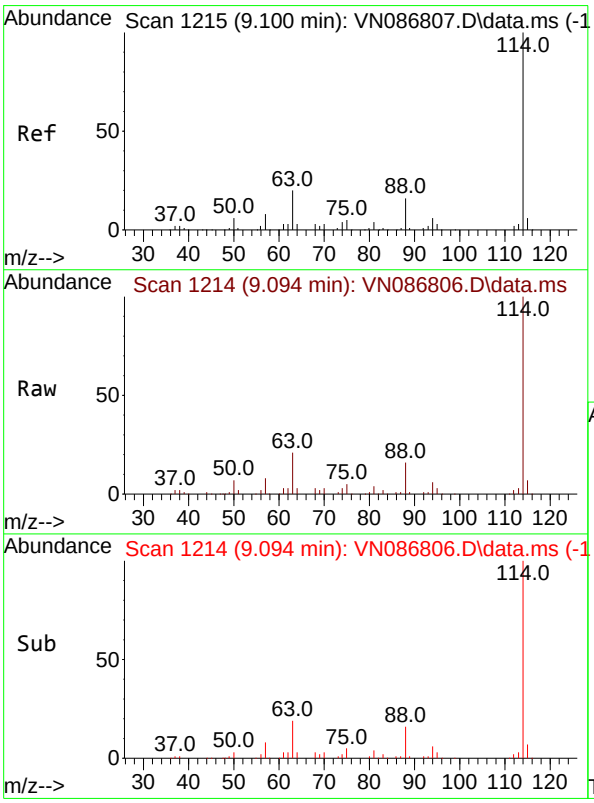
Ion	Ratio	Lower	Upper
65	100		
67	54.7	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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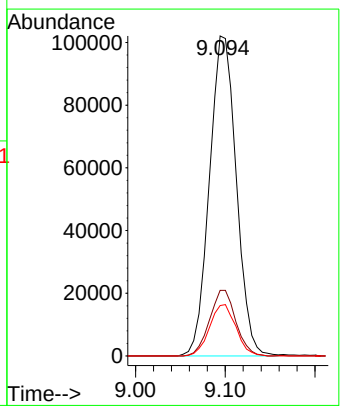
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

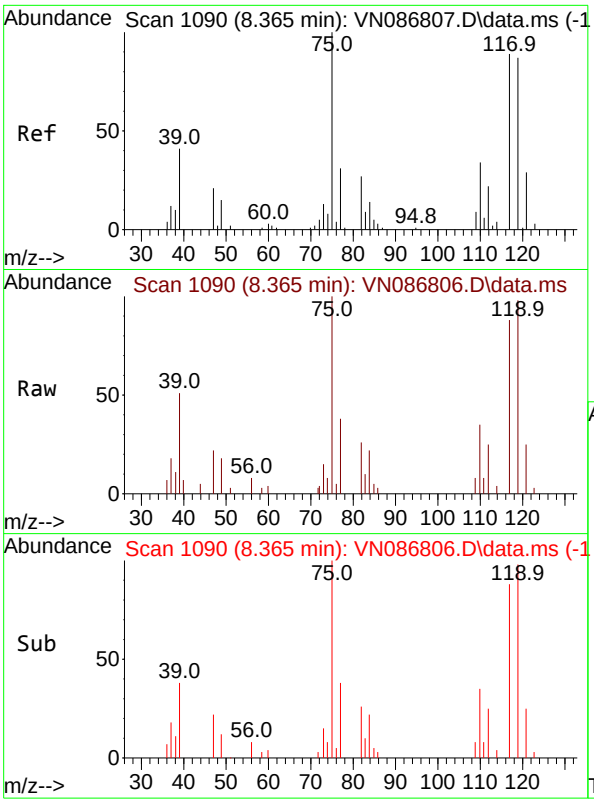


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:114 Resp: 212389

Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.8	23.8
88	15.8	12.9	19.3

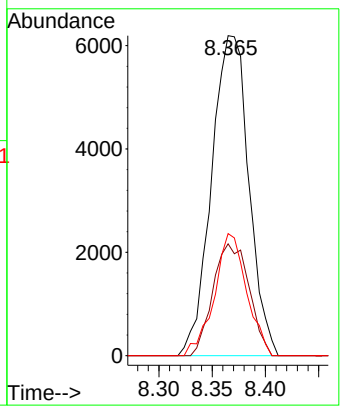




#29
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 8.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 1509

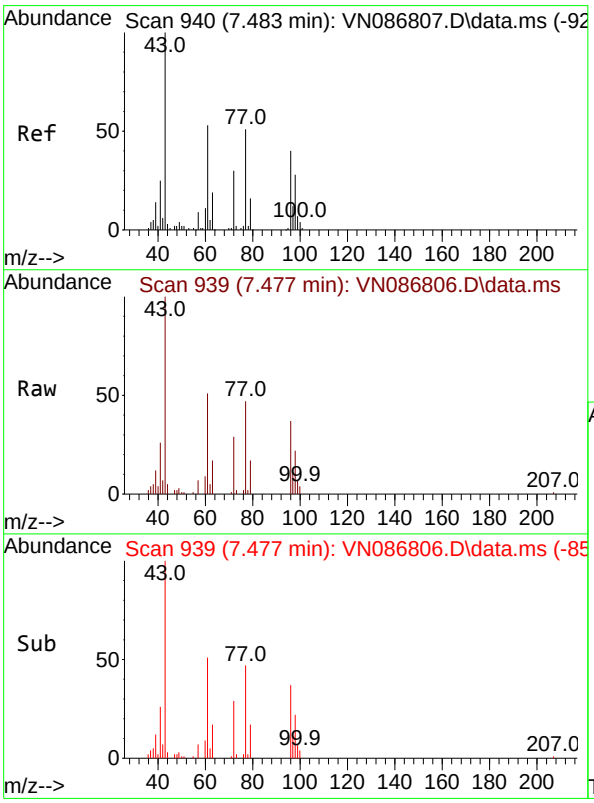
Ion	Ratio	Lower	Upper
75	100		
110	33.9	0.0	71.0
77	33.0	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

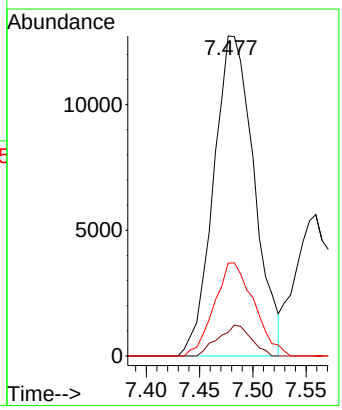
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

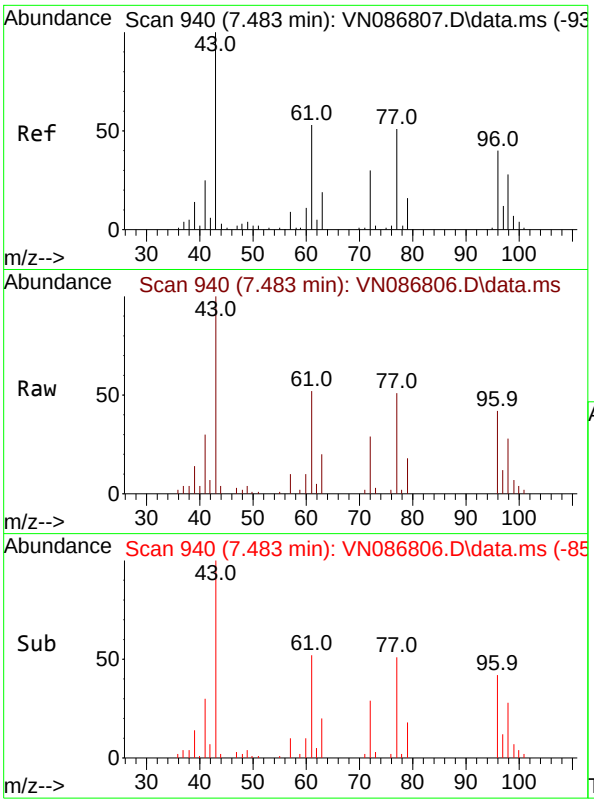


#30
2-Butanone
Concen: 24.656 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 43 Resp: 33735

Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.8	10.2
72	28.5	23.4	35.0

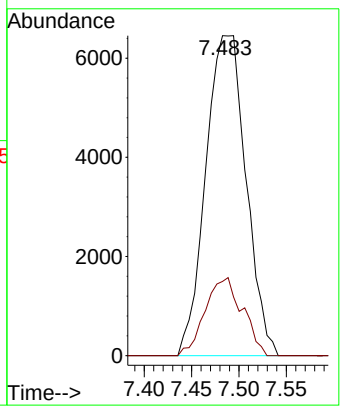




#31
2,2-Dichloropropane
Concen: 5.179 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 77 Resp: 1909

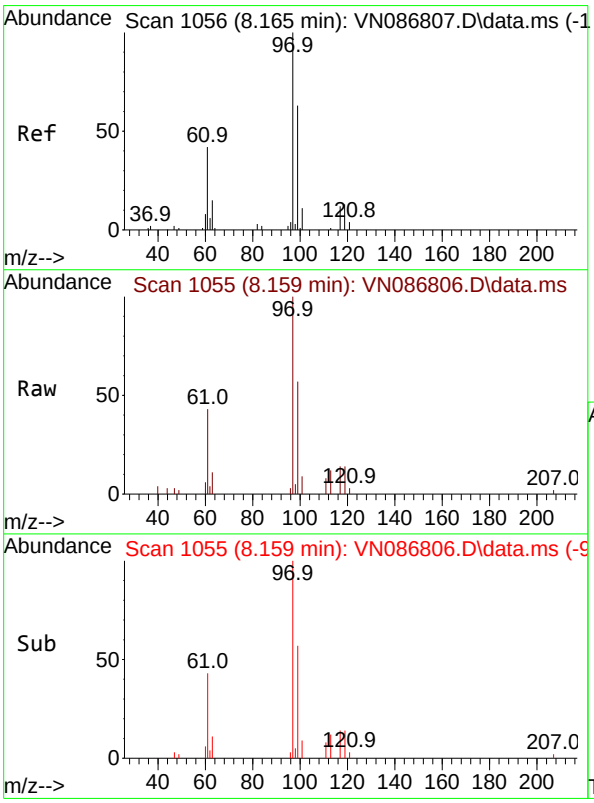
Ion	Ratio	Lower	Upper
77	100		
97	22.6	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

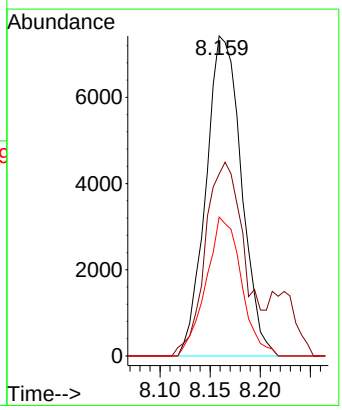
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

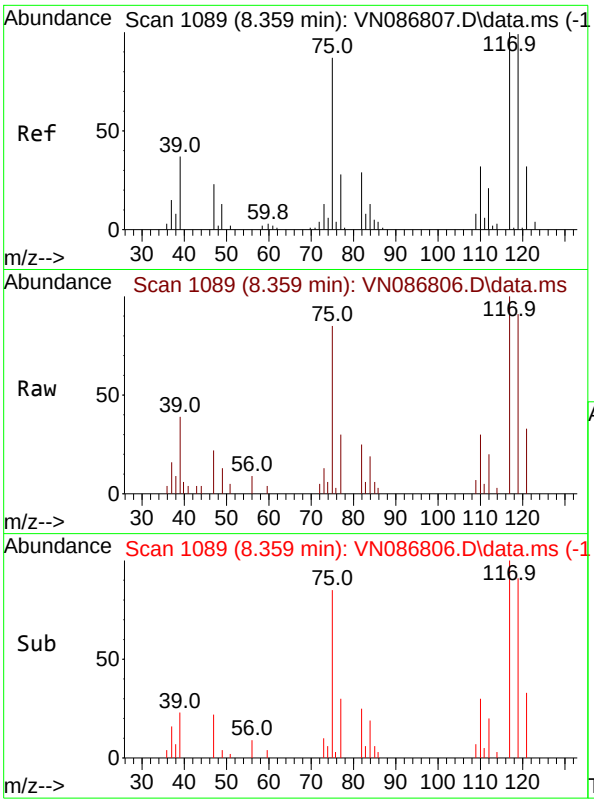


#32
1,1,1-Trichloroethane
Concen: 5.054 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 97 Resp: 18294

Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.7	77.5
61	43.0	35.4	53.2

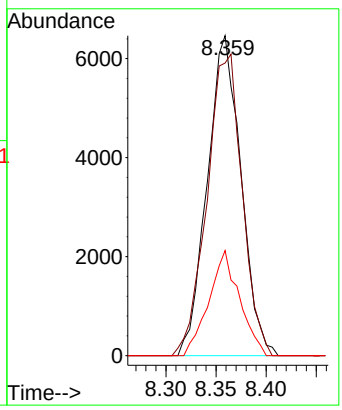




#33
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:117 Resp: 1515

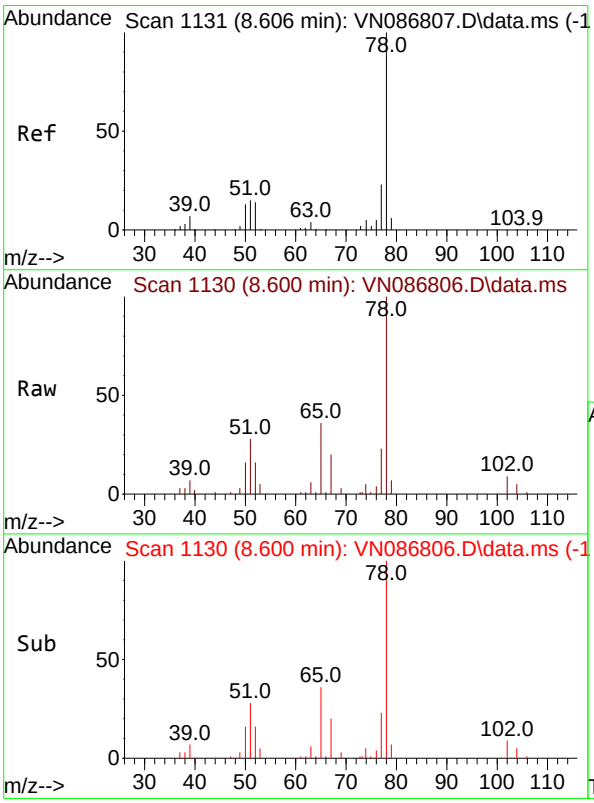
Ion	Ratio	Lower	Upper
117	100		
119	91.4	79.2	118.8
121	32.8	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

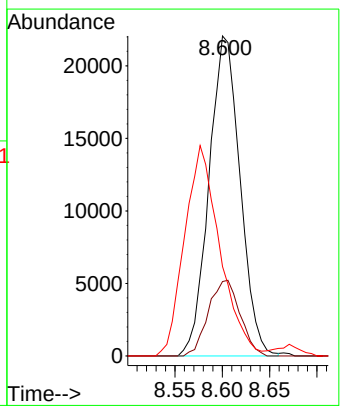
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

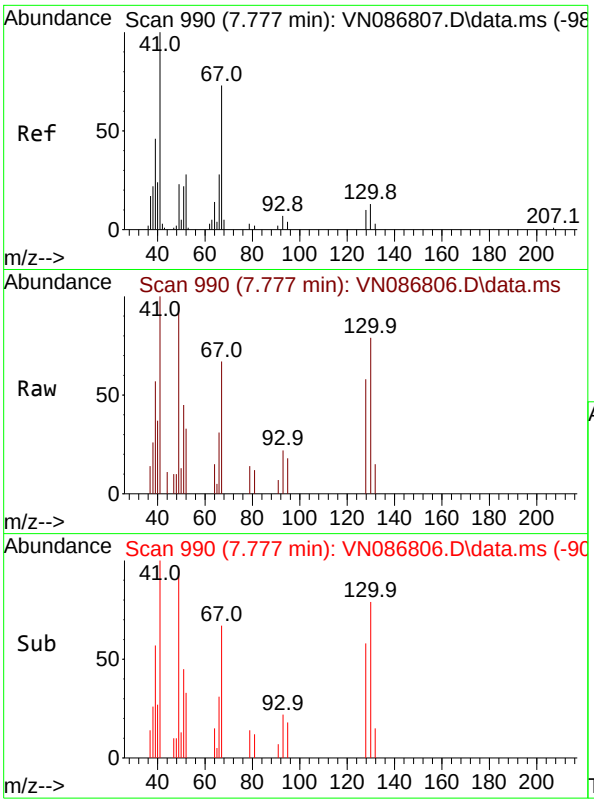


#34
Benzene
Concen: 4.966 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 78 Resp: 50453

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2
51	25.6	11.9	17.9#

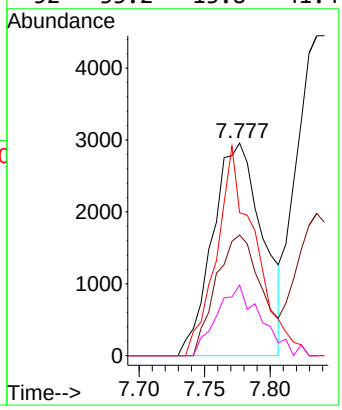




#35
Methacrylonitrile
Concen: 4.984 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 41 Resp: 783

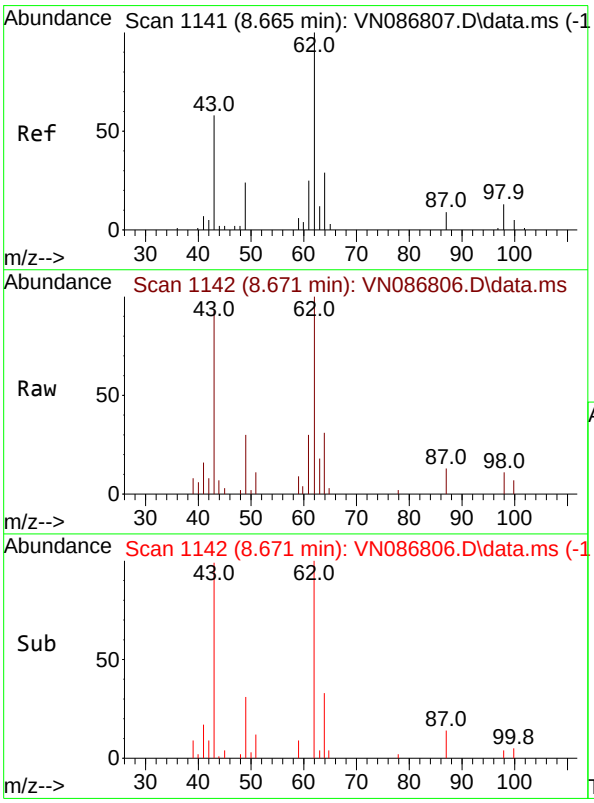
Ion	Ratio	Lower	Upper
41	100		
39	56.7	23.2	69.6
67	67.2	36.5	109.7
52	33.2	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

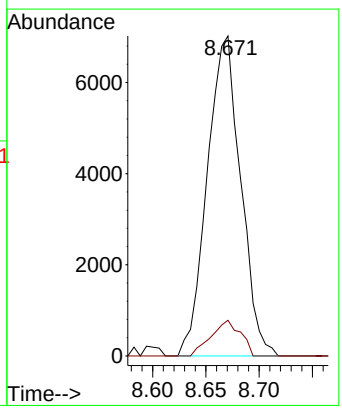
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

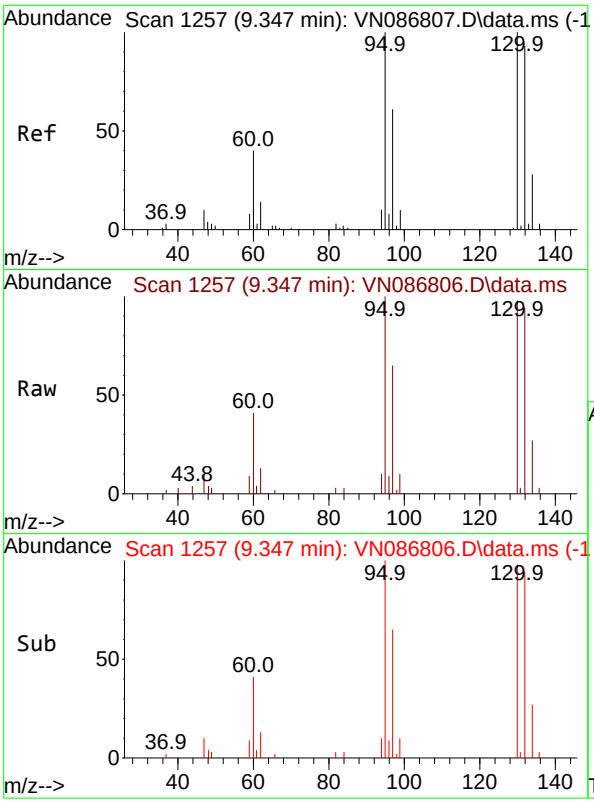


#36
1,2-Dichloroethane
Concen: 5.154 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 62 Resp: 15344

Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.5	12.7

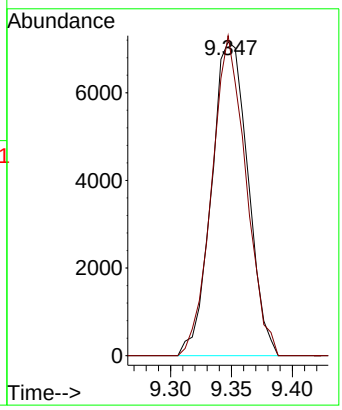




#37
Trichloroethene
Concen: 5.276 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:130 Resp: 1486

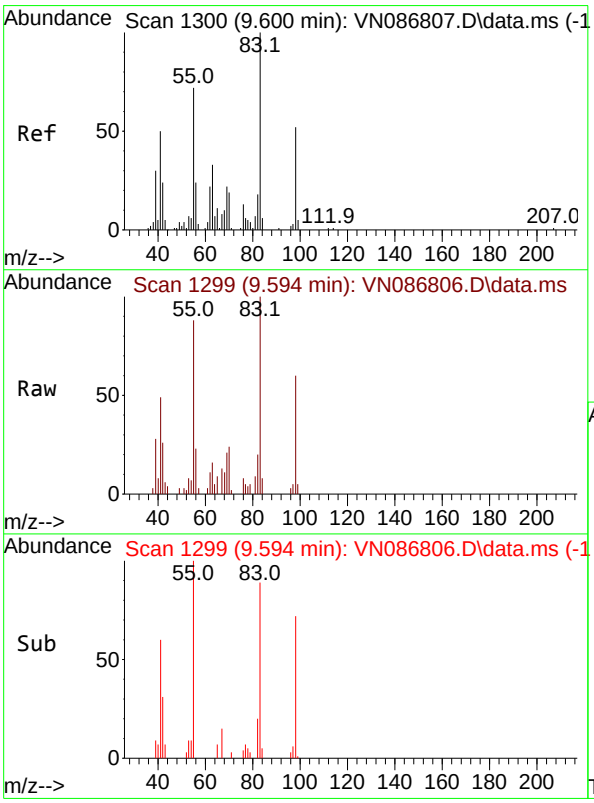
Ion	Ratio	Lower	Upper
130	100		
95	102.0	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

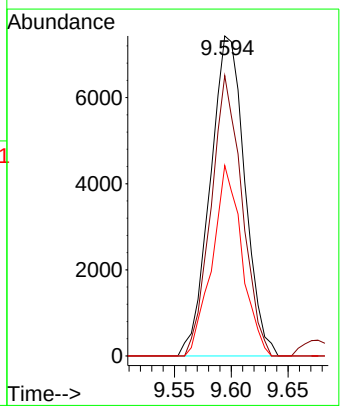
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

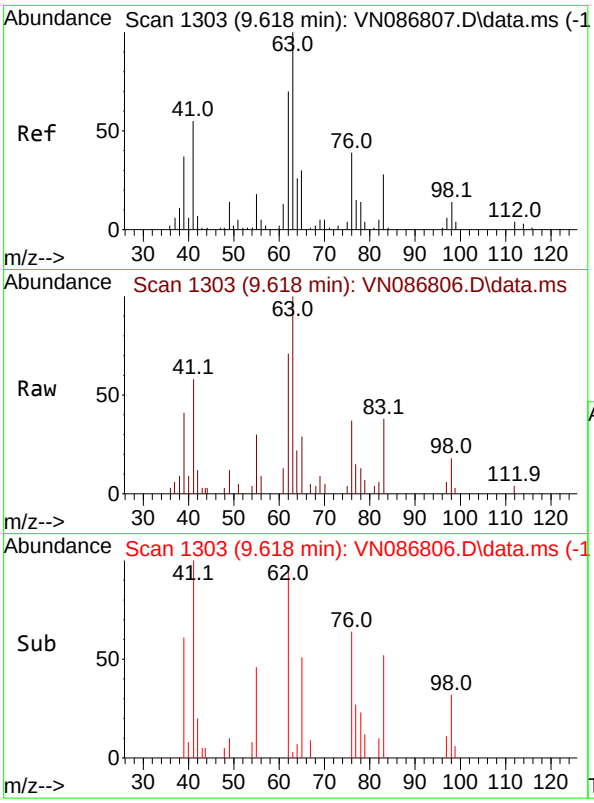


#38
Methylcyclohexane
Concen: 4.536 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 83 Resp: 15716

Ion	Ratio	Lower	Upper
83	100		
55	78.6	37.4	112.1
98	51.3	24.6	73.6

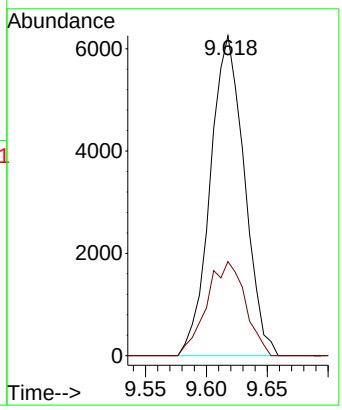




#39
1,2-Dichloropropane
Concen: 4.977 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 63 Resp: 1217

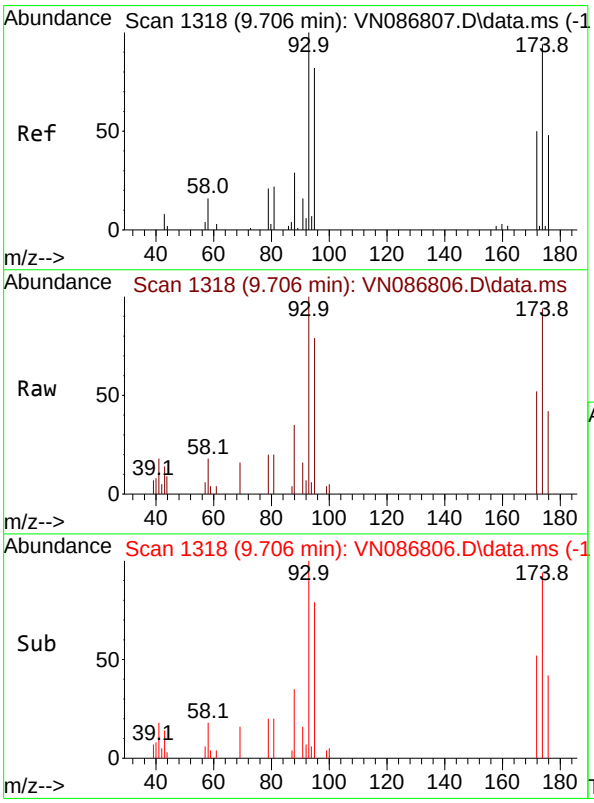
Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.2	36.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

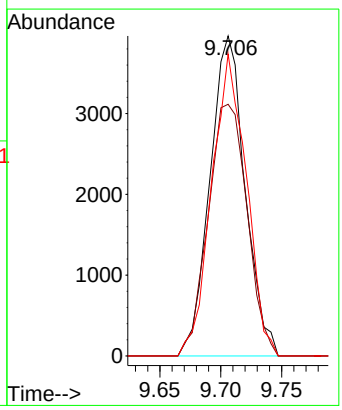
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

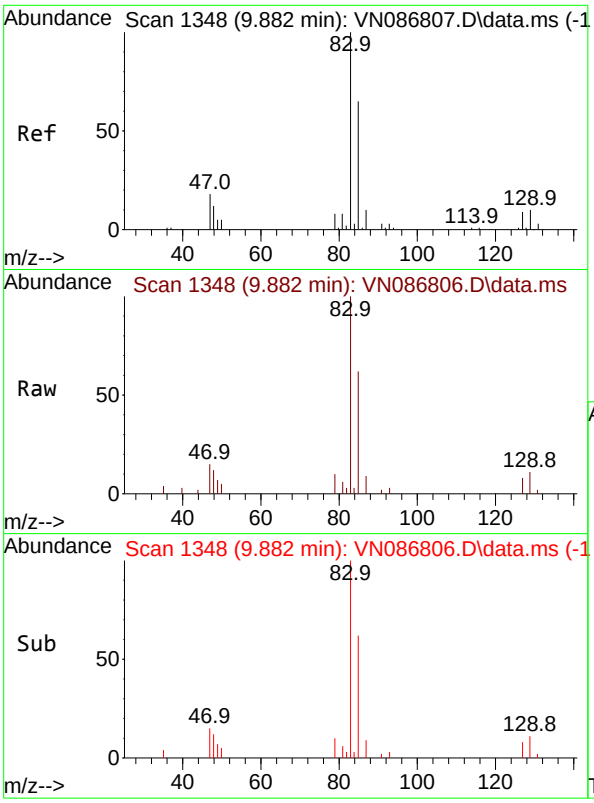


#40
Dibromomethane
Concen: 4.969 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 93 Resp: 7950

Ion	Ratio	Lower	Upper
93	100		
95	87.1	0.0	166.4
174	93.0	0.0	181.8

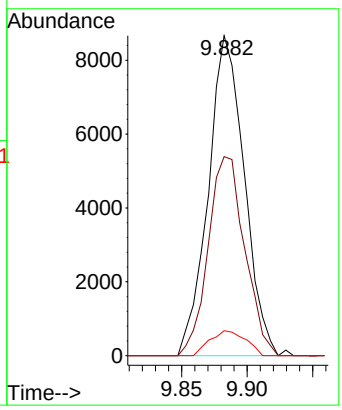




#41
Bromodichloromethane
Concen: 4.940 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 83 Resp: 1654

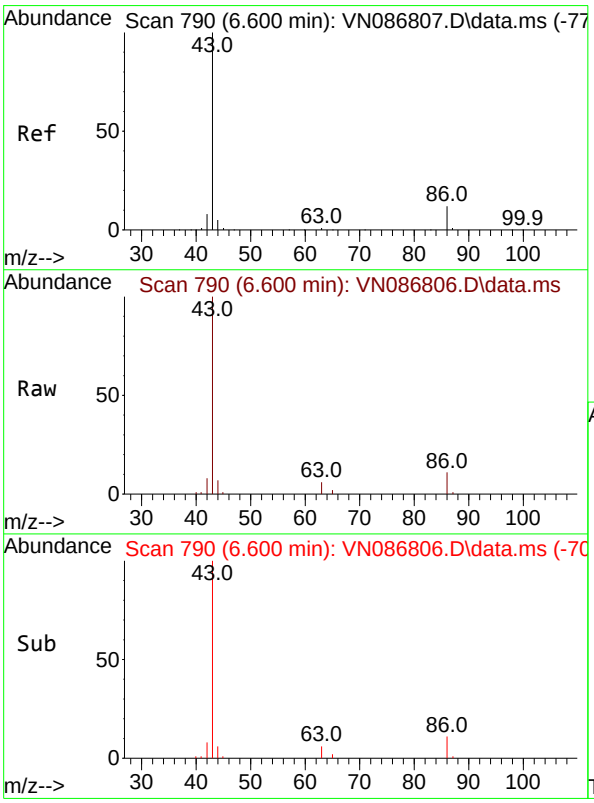
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	7.8	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

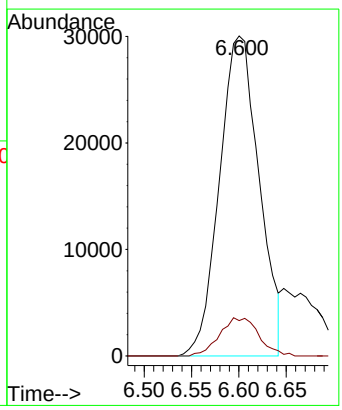
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

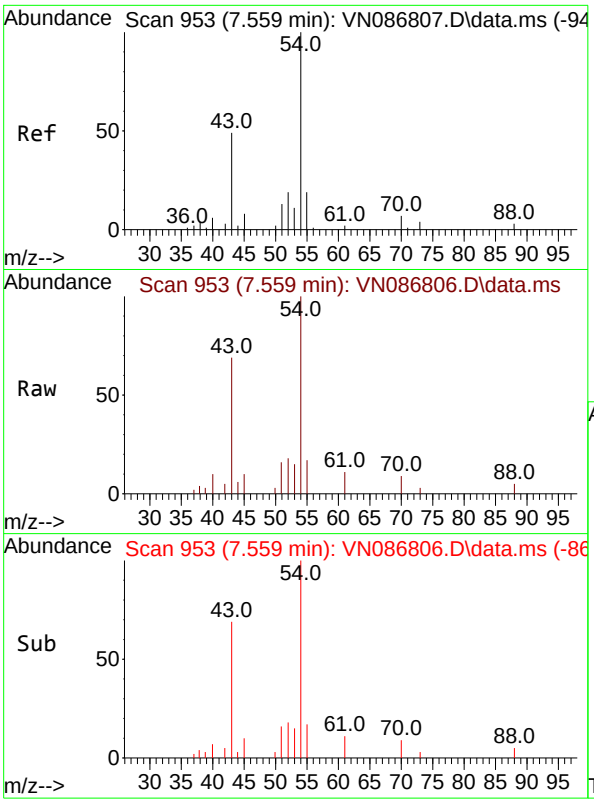


#42
Vinyl Acetate
Concen: 21.986 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 43 Resp: 87685

Ion	Ratio	Lower	Upper
43	100		
86	11.7	9.5	14.3





#43
Ethyl Acetate
Concen: 5.200 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

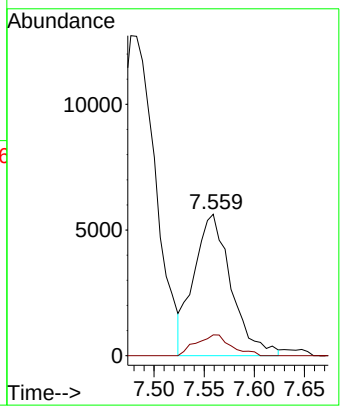
Tgt Ion: 43 Resp: 1455

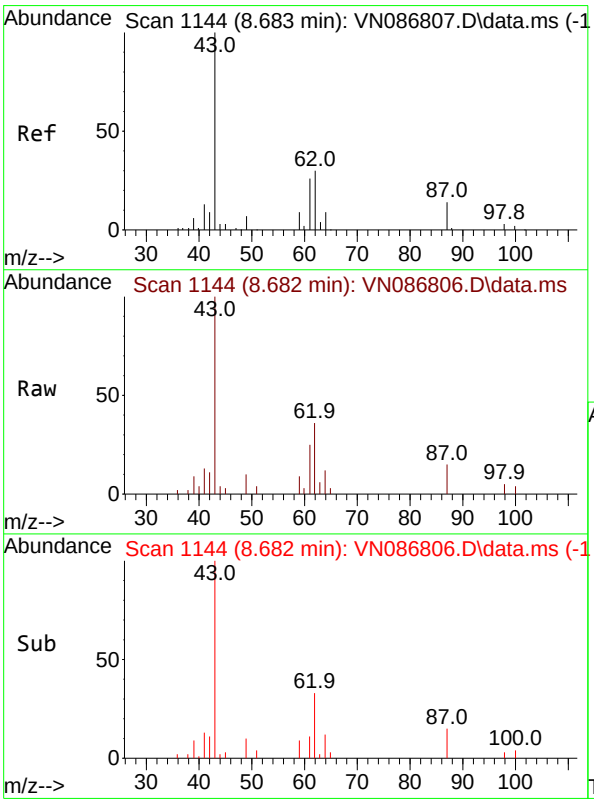
Ion	Ratio	Lower	Upper
43	100		
45	13.0	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

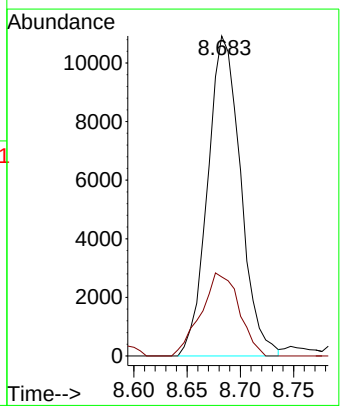


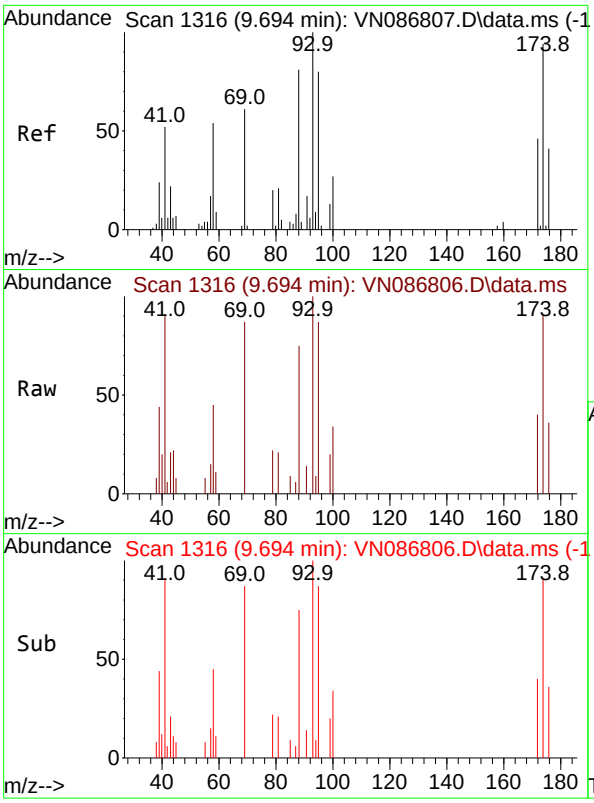


#44
Isopropyl Acetate
Concen: 4.889 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 43 Resp: 23479

Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.8	35.6





#45
1,4-Dioxane
Concen: 95.906 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

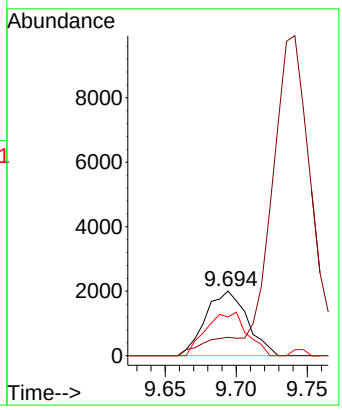
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

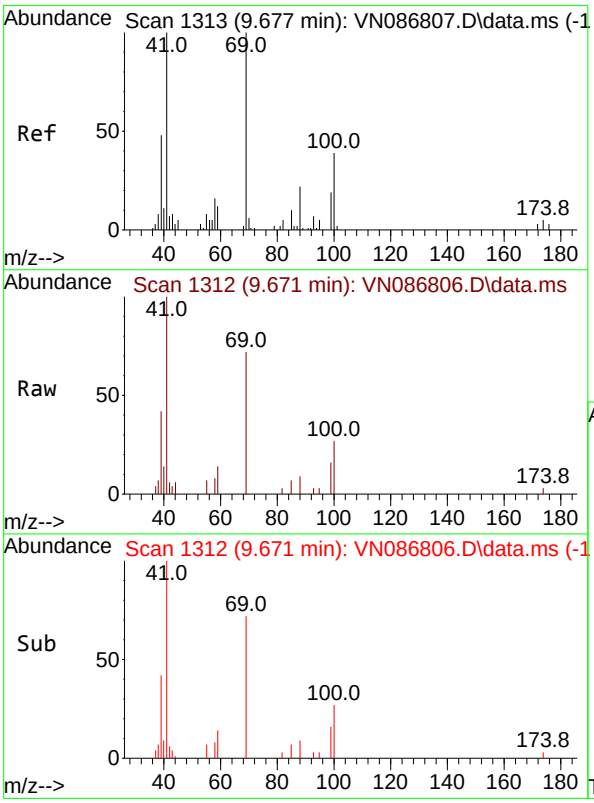
Tgt Ion: 88 Resp: 409

Ion	Ratio	Lower	Upper
88	100		
43	25.4	23.0	34.6
58	65.2	57.6	86.4

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

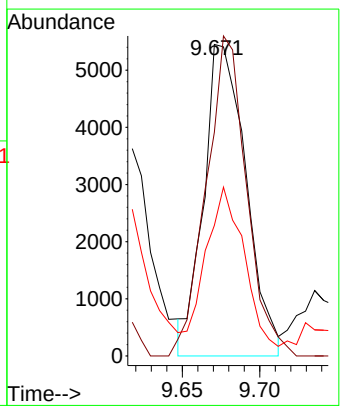


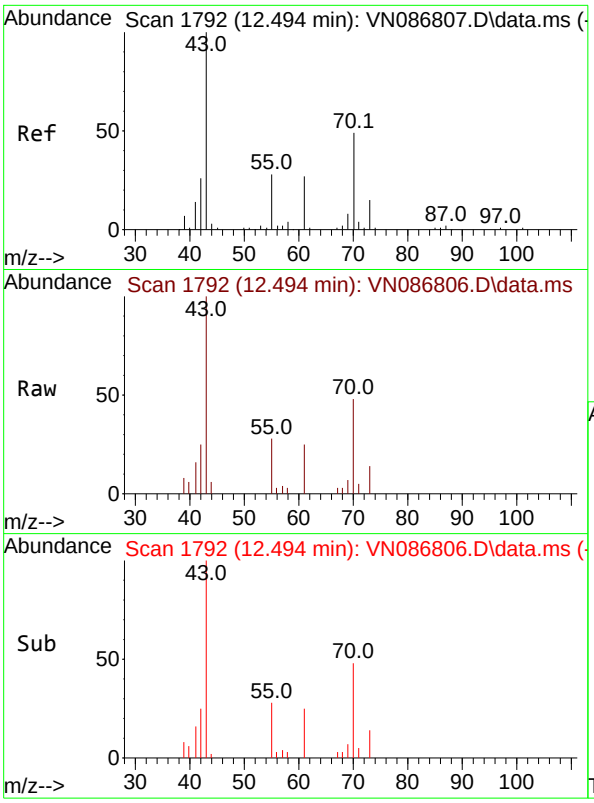


#46
Methyl methacrylate
Concen: 4.677 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 41 Resp: 10357

Ion	Ratio	Lower	Upper
41	100		
69	70.9	48.0	144.2
39	41.4	23.8	71.2





#47
n-amyl Acetate
Concen: 4.239 ug/l
RT: 12.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

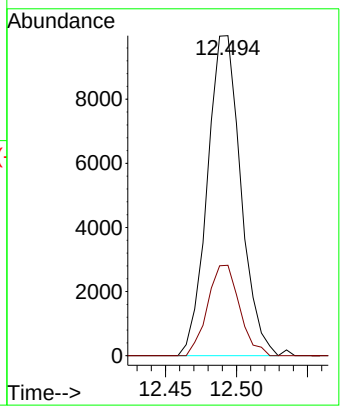
Tgt Ion: 43 Resp: 1634

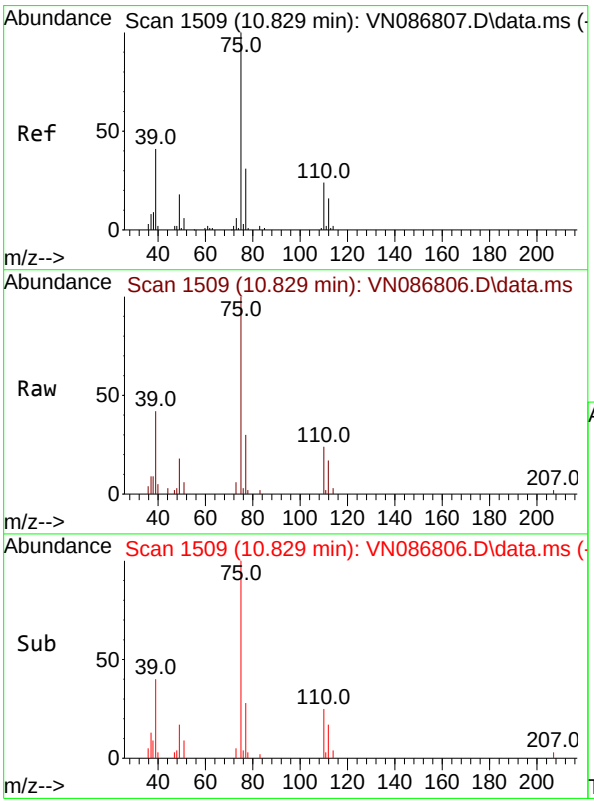
Ion	Ratio	Lower	Upper
43	100		
55	27.0	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

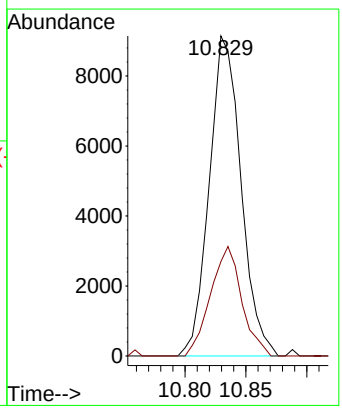


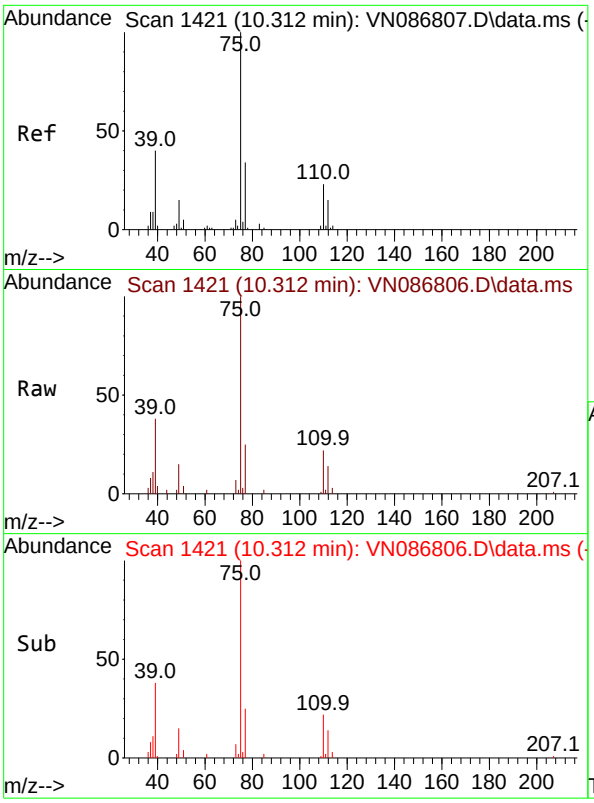


#48
t-1,3-Dichloropropene
Concen: 4.634 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 16607

Ion	Ratio	Lower	Upper
75	100		
77	29.5	25.1	37.7

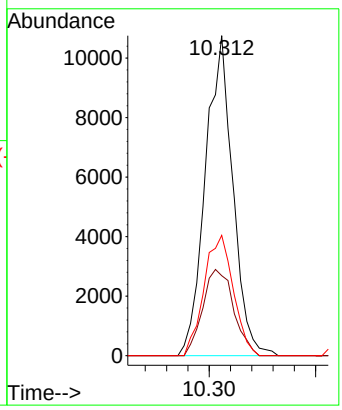




#49
cis-1,3-Dichloropropene
Concen: 4.878 ug/l
RT: 10.312 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 1923

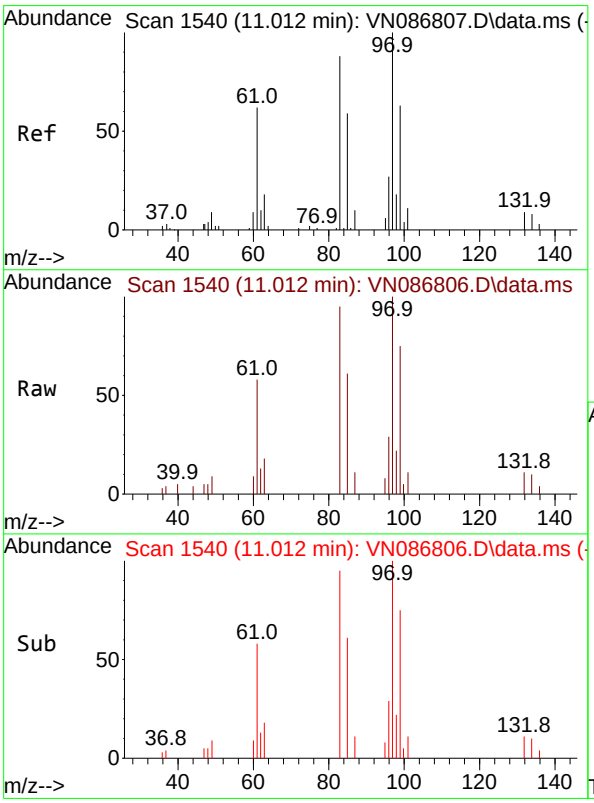
Ion	Ratio	Lower	Upper
75	100		
77	25.0	26.9	40.3#
39	37.6	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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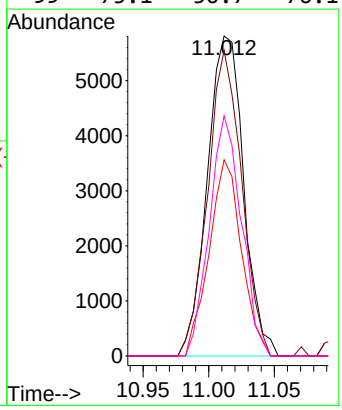
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

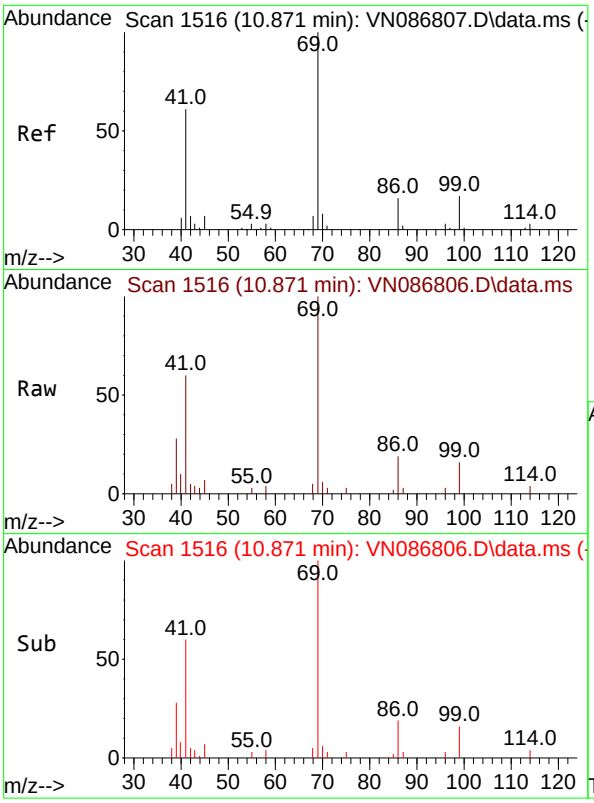


#50
1,1,2-Trichloroethane
Concen: 4.956 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 97 Resp: 11168

Ion	Ratio	Lower	Upper
97	100		
83	95.4	70.6	105.8
85	61.3	46.8	70.2
99	75.1	50.7	76.1





#51
Ethyl methacrylate
Concen: 4.370 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

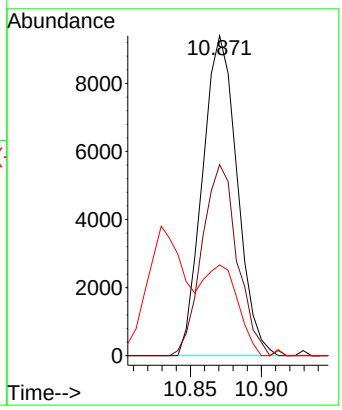
Tgt Ion: 69 Resp: 1594

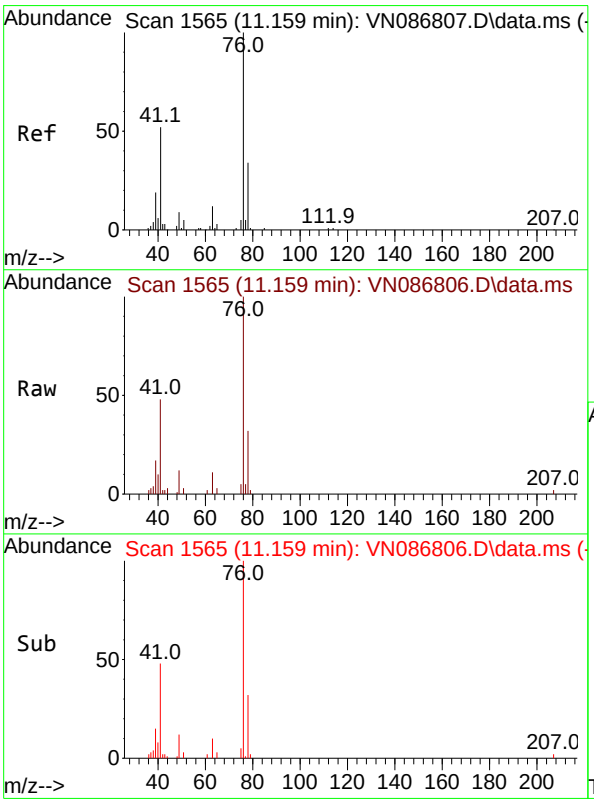
Ion	Ratio	Lower	Upper
69	100		
41	58.1	30.5	91.5
39	26.5	14.3	42.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

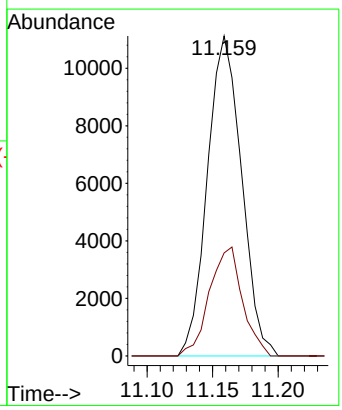


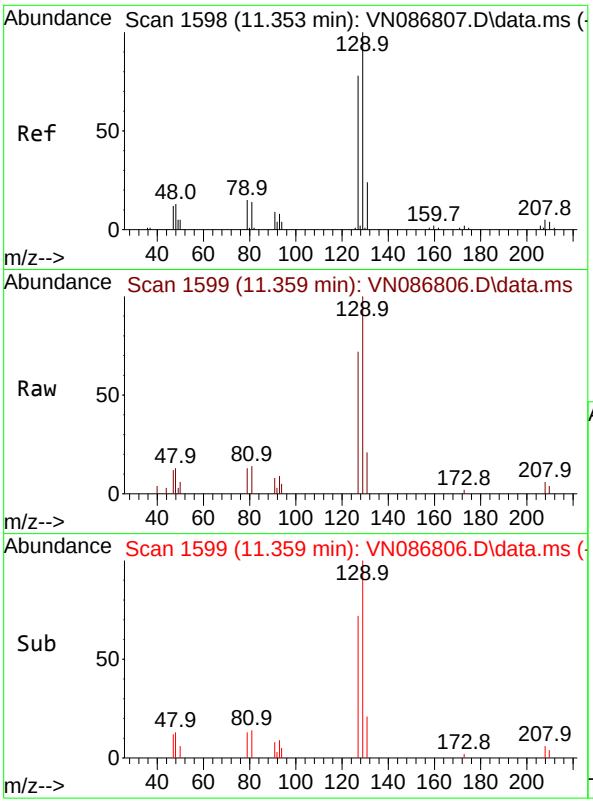


#52
1,3-Dichloropropane
Concen: 5.039 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 76 Resp: 20150

Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	64.6

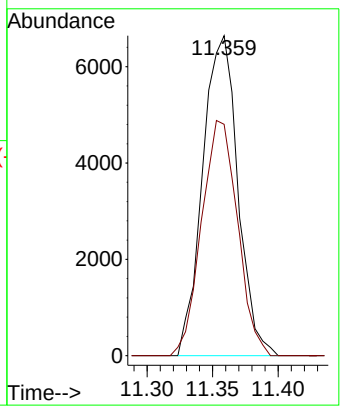




#53
Dibromochloromethane
Concen: 4.877 ug/l
RT: 11.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:129 Resp: 1241

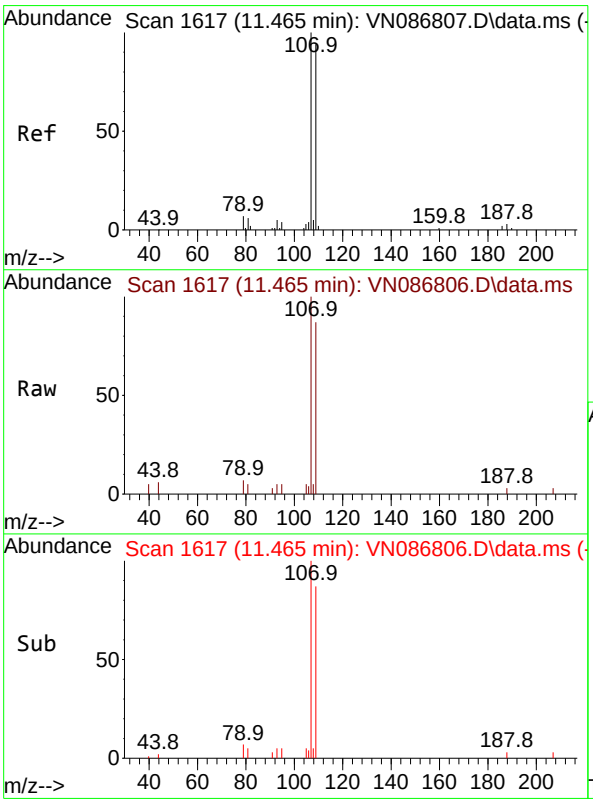
Ion	Ratio	Lower	Upper
129	100		
127	75.0	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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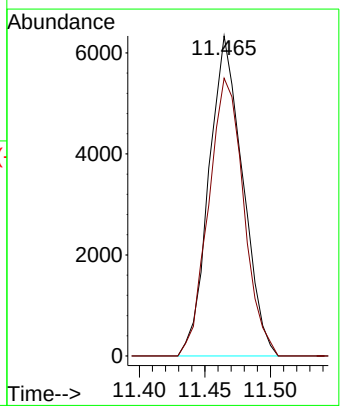
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

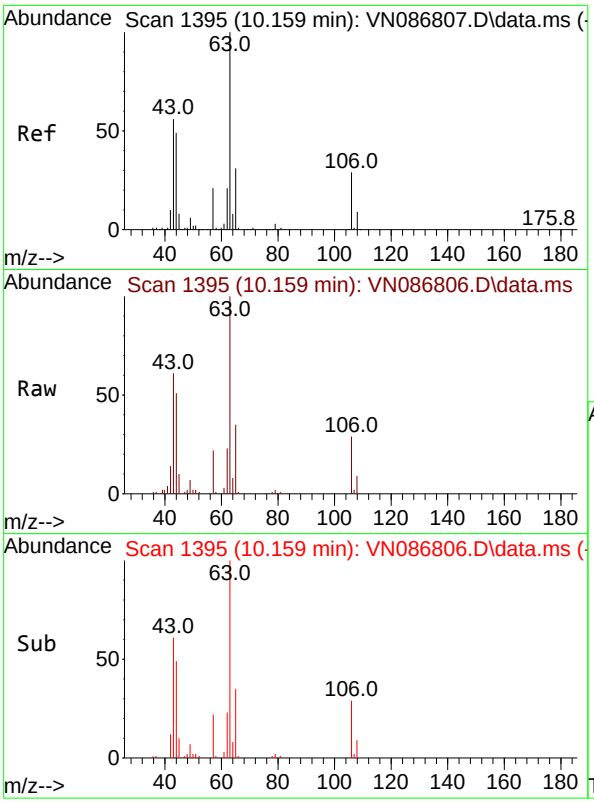


#54
1,2-Dibromoethane
Concen: 4.928 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:107 Resp: 11351

Ion	Ratio	Lower	Upper
107	100		
109	90.2	75.0	112.6

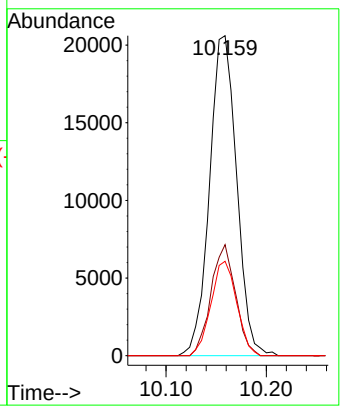




#55
2-Chloroethyl vinyl ether
Concen: 22.097 ug/l
RT: 10.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 63 Resp: 3870

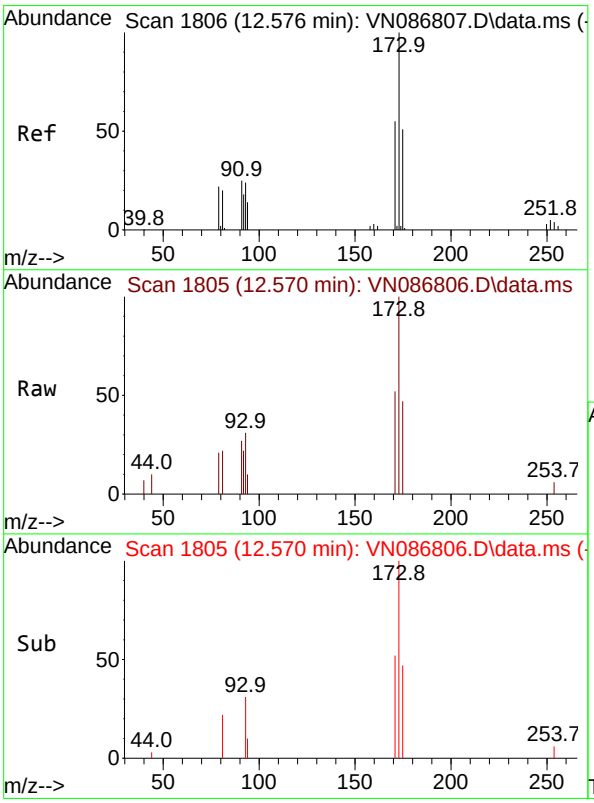
Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.7	38.5
106	28.1	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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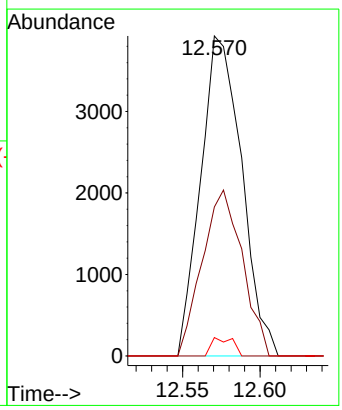
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

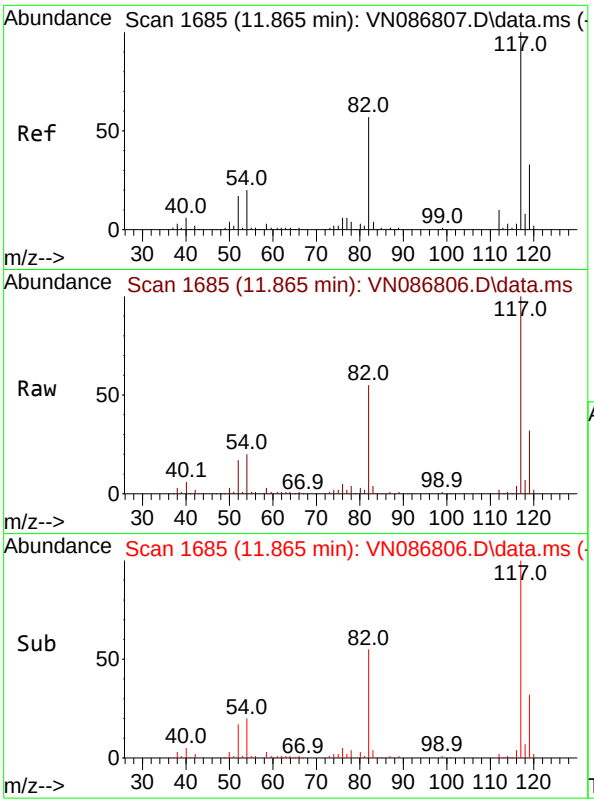


#56
Bromoform
Concen: 4.493 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:173 Resp: 7209

Ion	Ratio	Lower	Upper
173	100		
175	50.8	39.7	59.5
254	3.0	3.5	5.3#

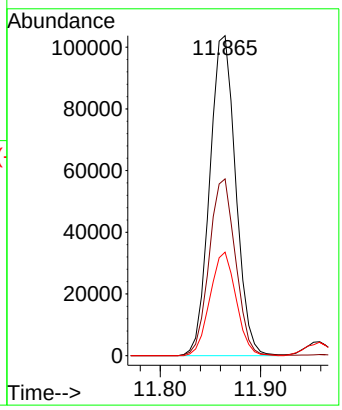




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:117 Resp: 18619

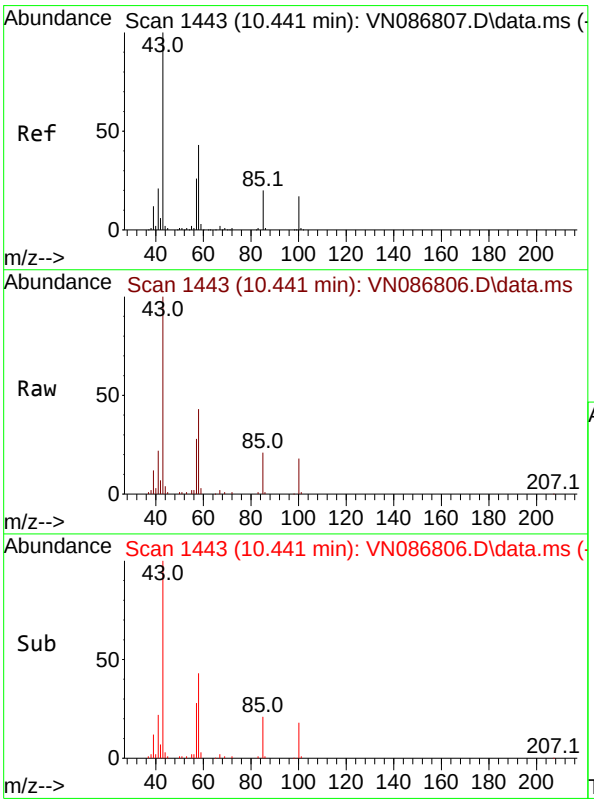
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.7	67.1
119	32.6	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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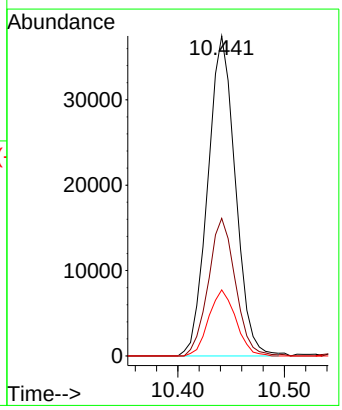
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

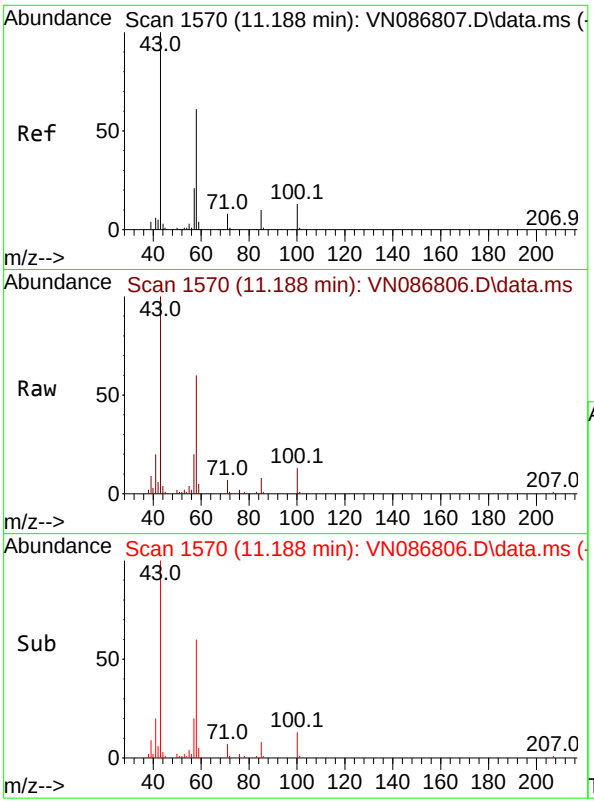


#58
4-Methyl-2-Pentanone
Concen: 24.639 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 43 Resp: 67317

Ion	Ratio	Lower	Upper
43	100		
58	42.2	34.5	51.7
85	20.3	15.8	23.8





#59
2-Hexanone
Concen: 23.685 ug/l
RT: 11.188 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

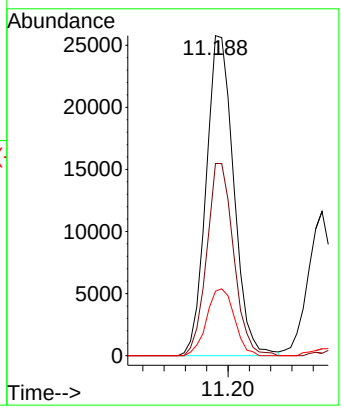
Tgt Ion: 43 Resp: 4635

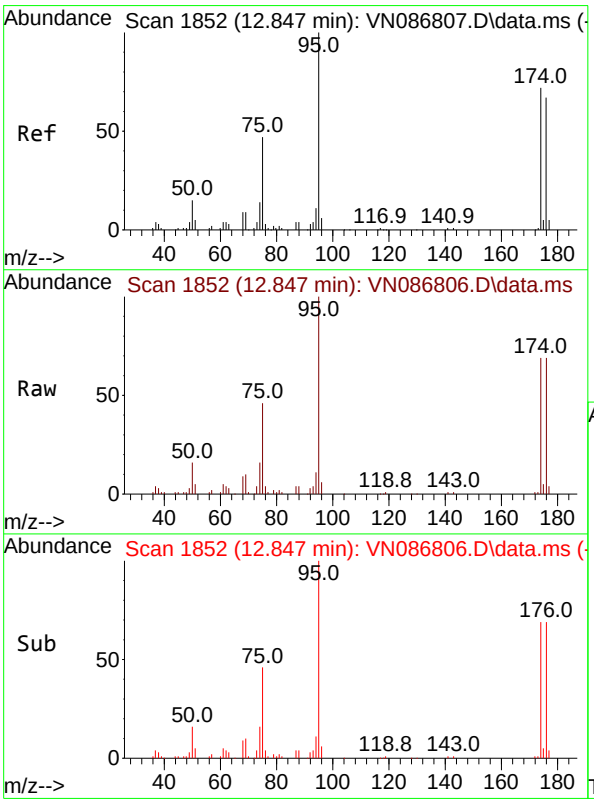
Ion	Ratio	Lower	Upper
43	100		
58	58.2	49.1	73.7
57	20.9	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

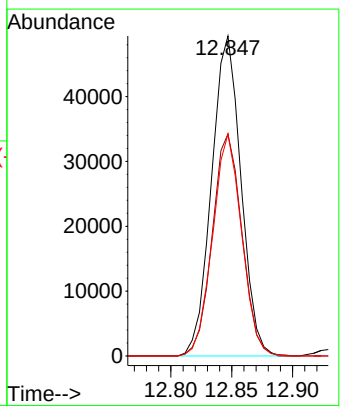


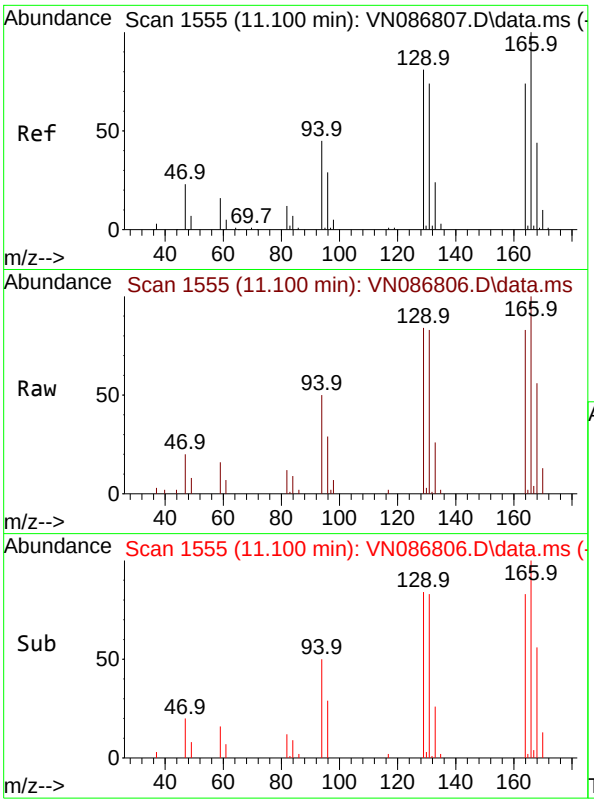


#60
4-Bromofluorobenzene
Concen: 28.367 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 95 Resp: 82926

Ion	Ratio	Lower	Upper
95	100		
174	70.1	56.2	84.4
176	68.4	53.4	80.0

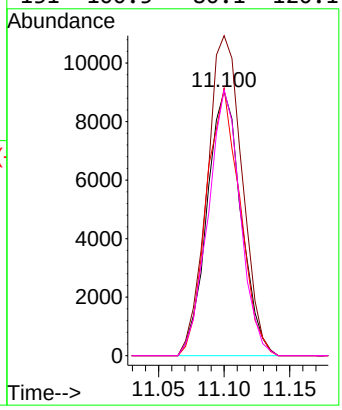




#61
Tetrachloroethene
Concen: 5.206 ug/l
RT: 11.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:164 Resp: 1629

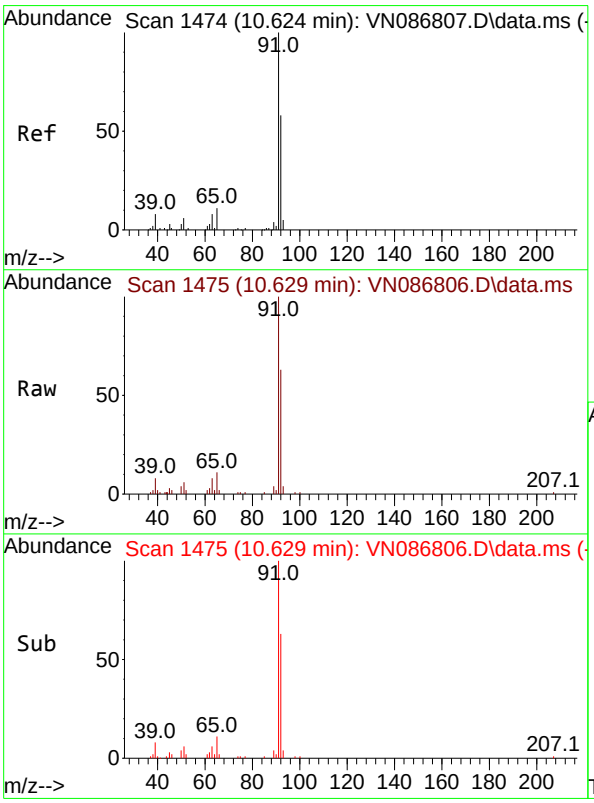
Ion	Ratio	Lower	Upper
164	100		
166	121.1	107.5	161.3
129	101.2	87.4	131.2
131	100.5	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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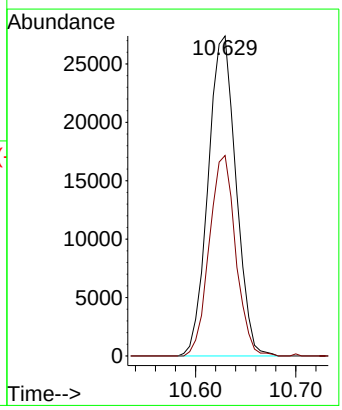
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

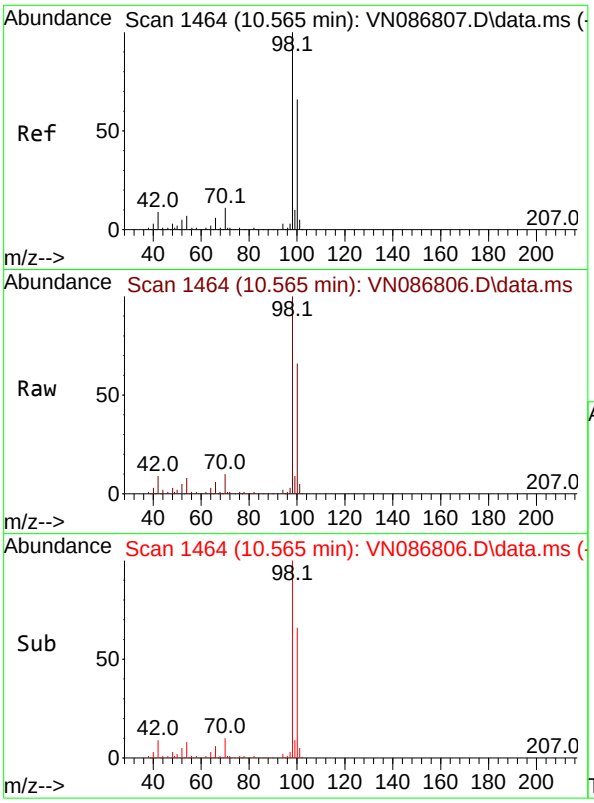


#62
Toluene
Concen: 5.043 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 91 Resp: 52880

Ion	Ratio	Lower	Upper
91	100		
92	59.3	46.6	70.0





#63
Toluene-d8
Concen: 30.518 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

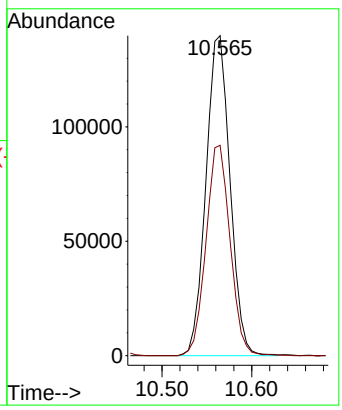
Tgt Ion: 98 Resp: 26080

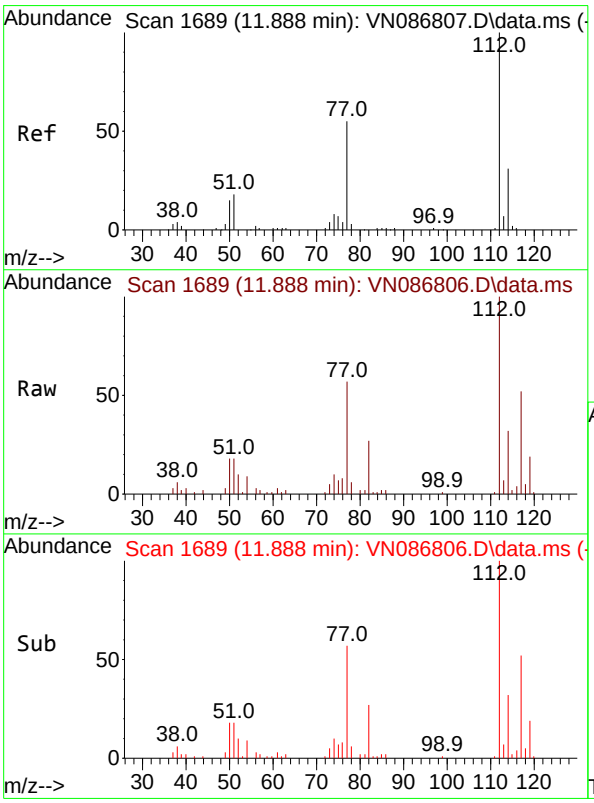
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

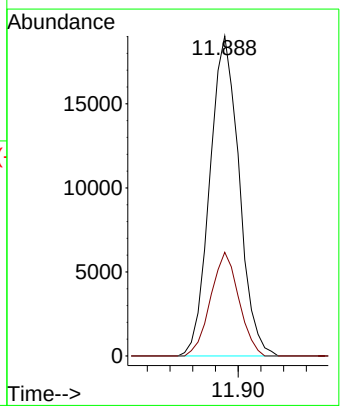


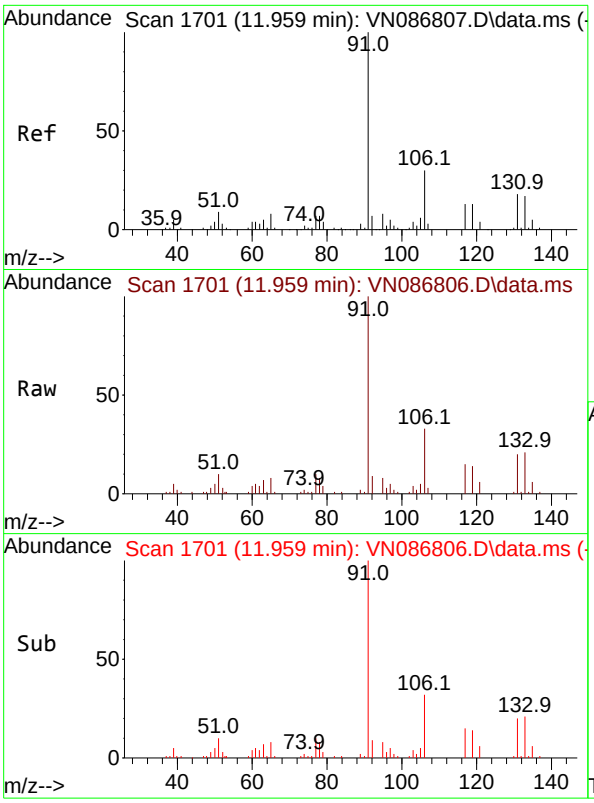


#64
Chlorobenzene
Concen: 5.093 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:112 Resp: 34057

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 5.045 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

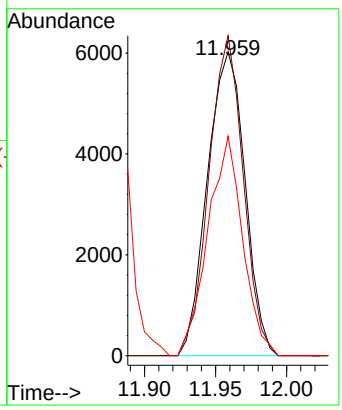
Tgt Ion:131 Resp: 1108

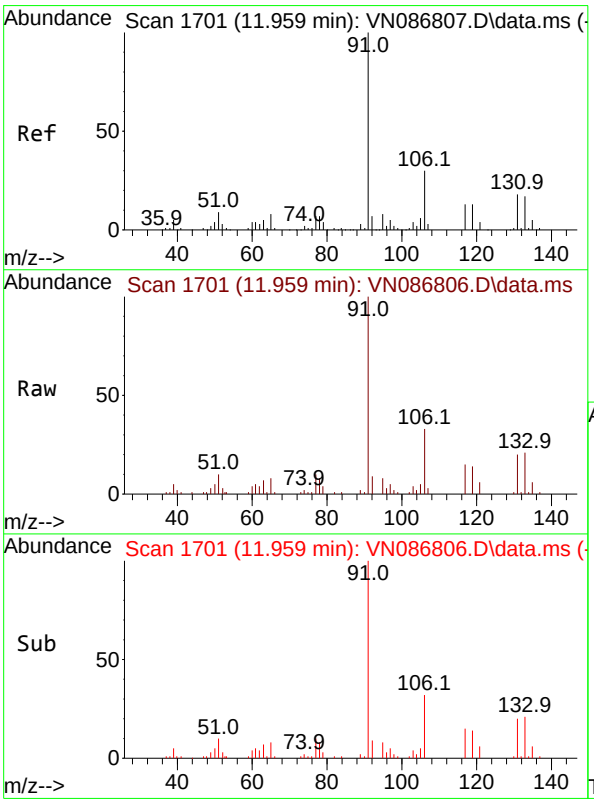
Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	191.0
119	66.9	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

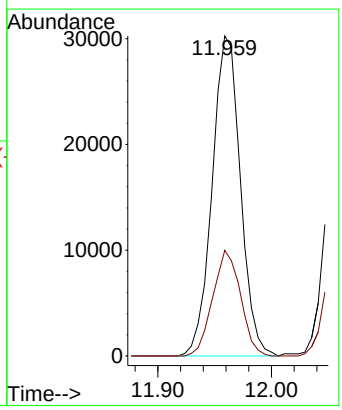


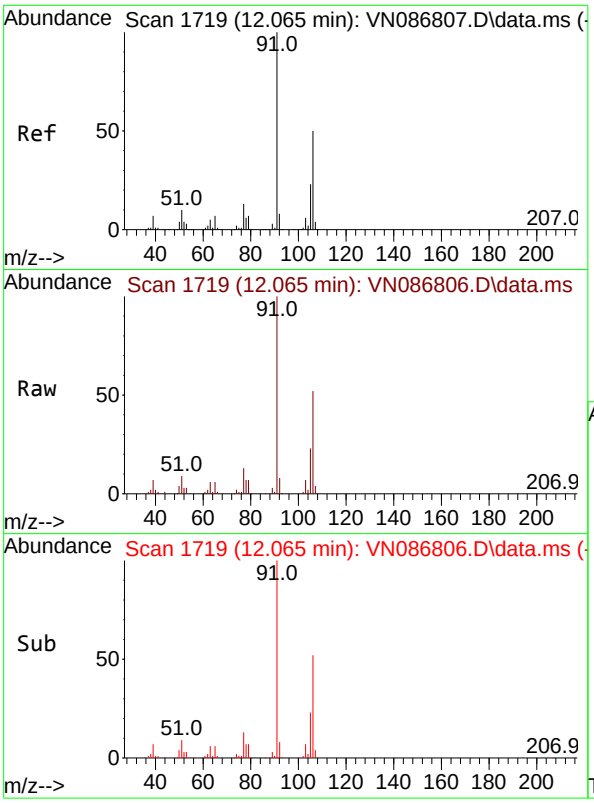


#66
Ethyl Benzene
Concen: 4.612 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 91 Resp: 52316

Ion	Ratio	Lower	Upper
91	100		
106	33.0	23.6	35.4





#67
m/p-Xylenes
Concen: 9.246 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

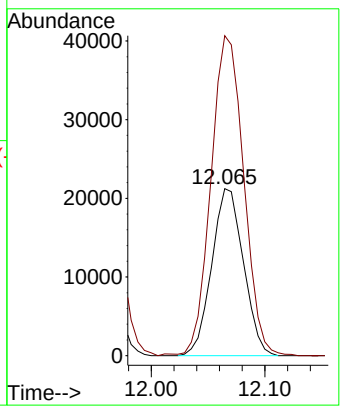
Tgt Ion:106 Resp: 4115

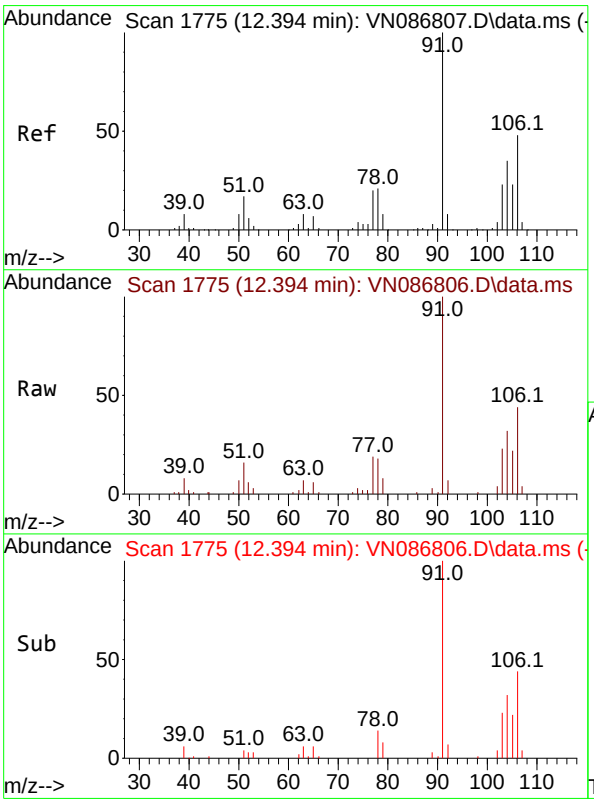
Ion	Ratio	Lower	Upper
106	100		
91	197.8	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

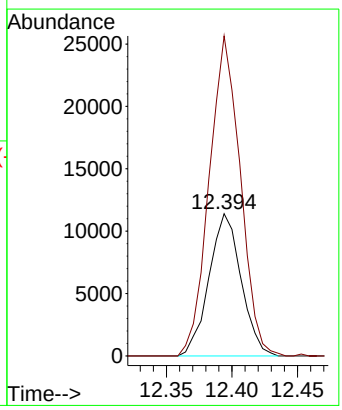


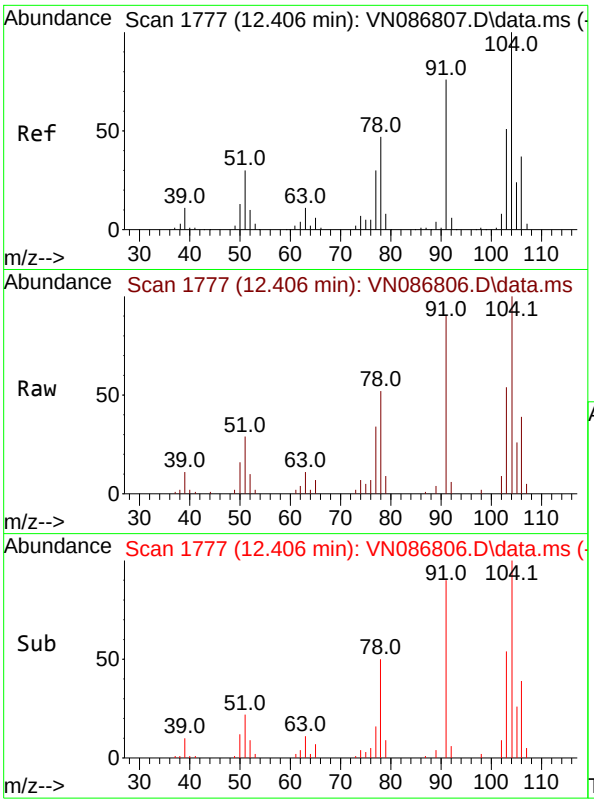


#68
o-Xylene
Concen: 4.502 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:106 Resp: 19419

Ion	Ratio	Lower	Upper
106	100		
91	218.1	106.3	318.9

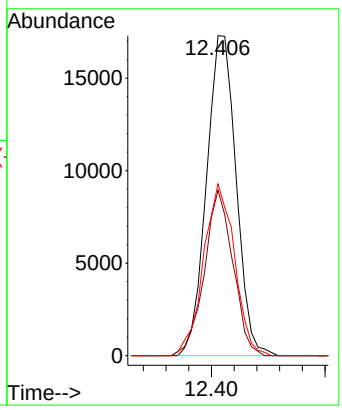




#69
Styrene
Concen: 4.370 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:104 Resp: 3140

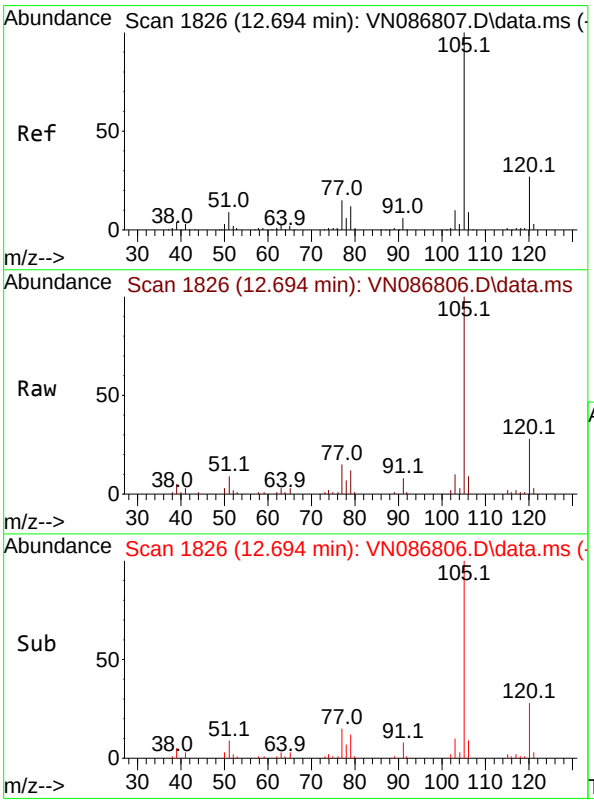
Ion	Ratio	Lower	Upper
104	100		
78	49.7	38.6	57.8
103	56.1	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

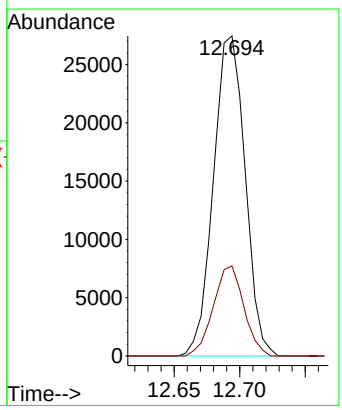
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

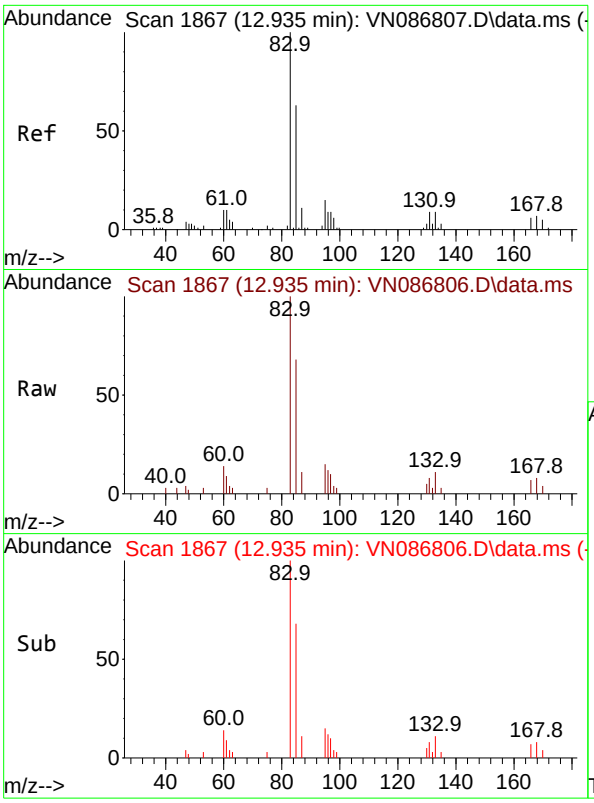


#70
Isopropylbenzene
Concen: 4.494 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:105 Resp: 46104

Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2

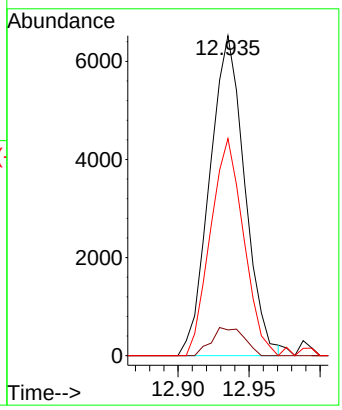




#71
1,1,2,2-Tetrachloroethane
Concen: 4.583 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 83 Resp: 1117

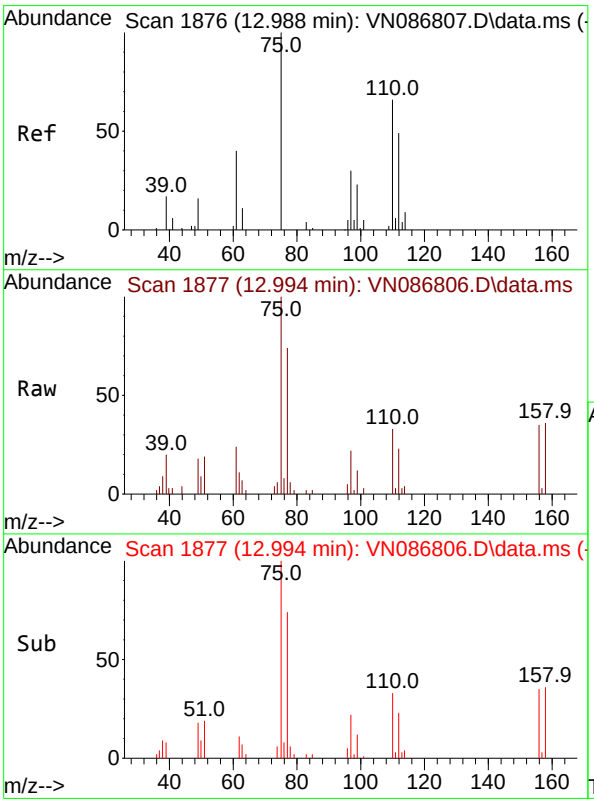
Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	15.0
85	64.1	32.6	97.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

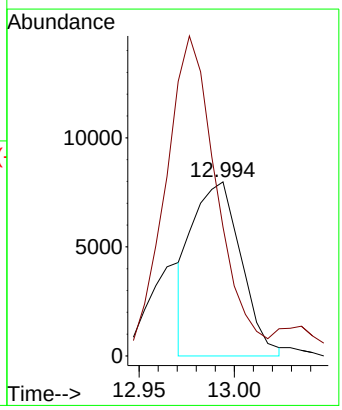
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

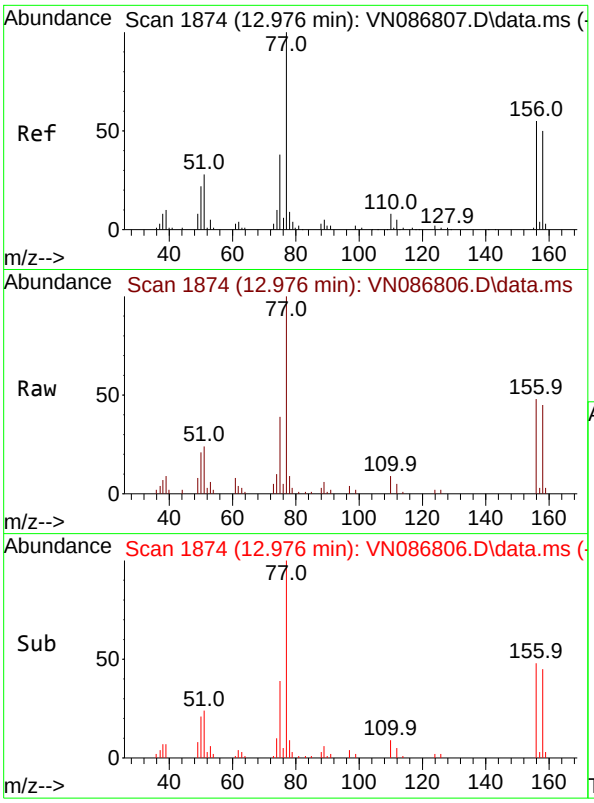


#72
1,2,3-Trichloropropane
Concen: 4.742 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 14250

Ion	Ratio	Lower	Upper
75	100		
77	195.0	0.0	390.6

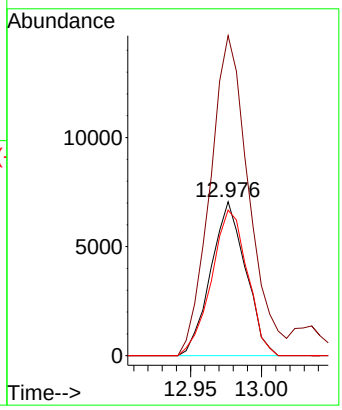




#73
Bromobenzene
Concen: 4.717 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:156 Resp: 1202

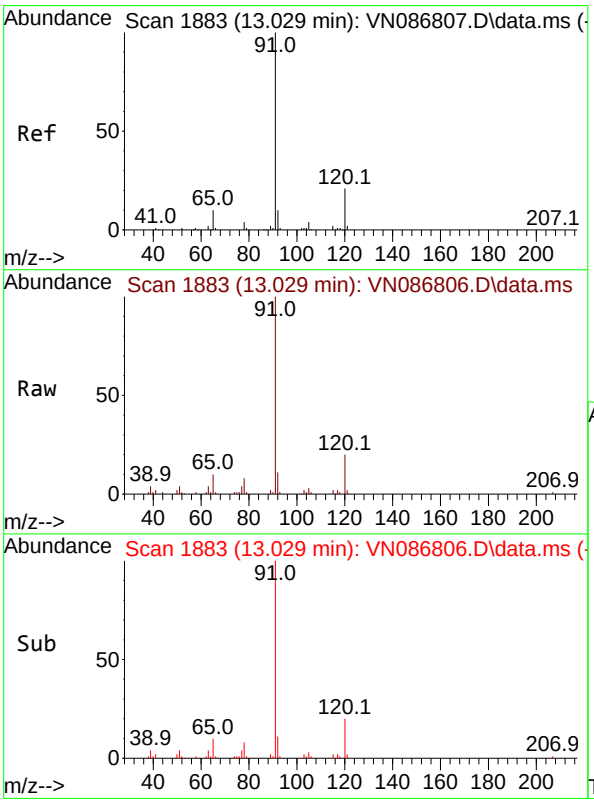
Ion	Ratio	Lower	Upper
156	100		
77	231.0	0.0	442.0
158	97.8	0.0	191.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

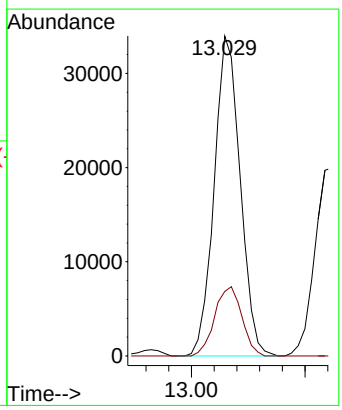
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

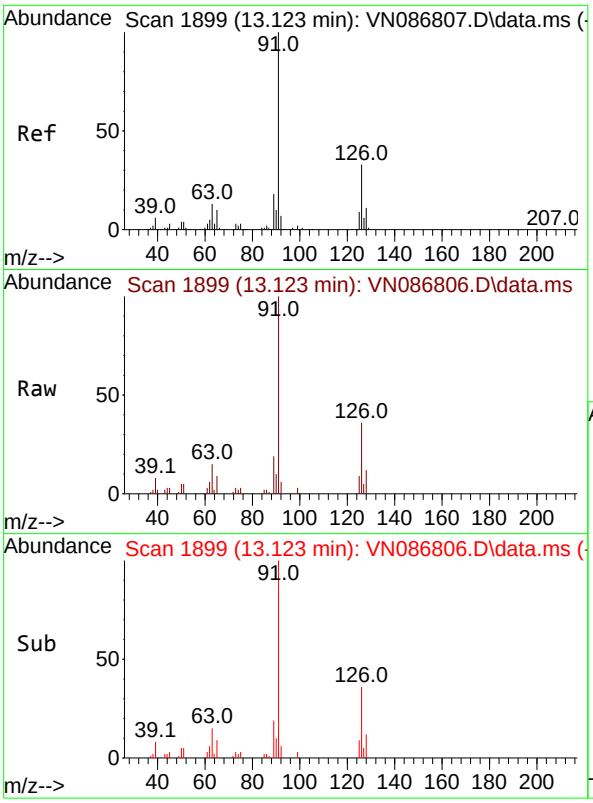


#74
n-propylbenzene
Concen: 4.445 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 91 Resp: 54016

Ion	Ratio	Lower	Upper
91	100		
120	22.6	0.0	45.6

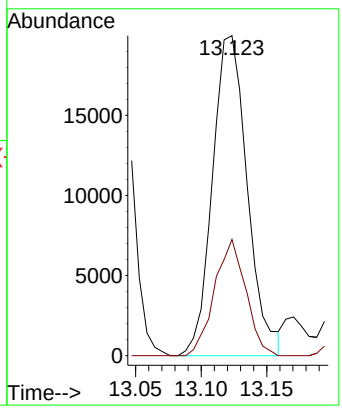




#75
2-Chlorotoluene
Concen: 4.738 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 91 Resp: 3695

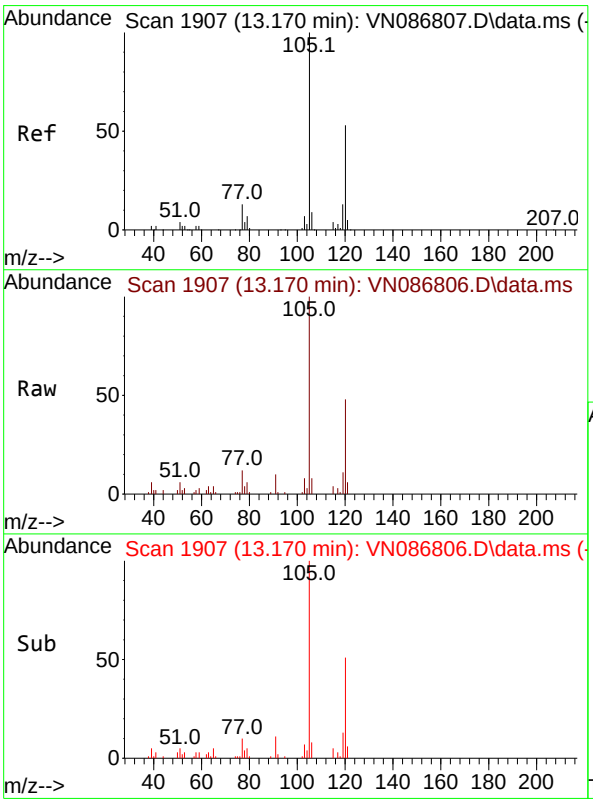
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

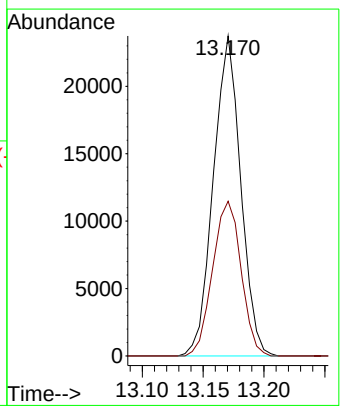
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

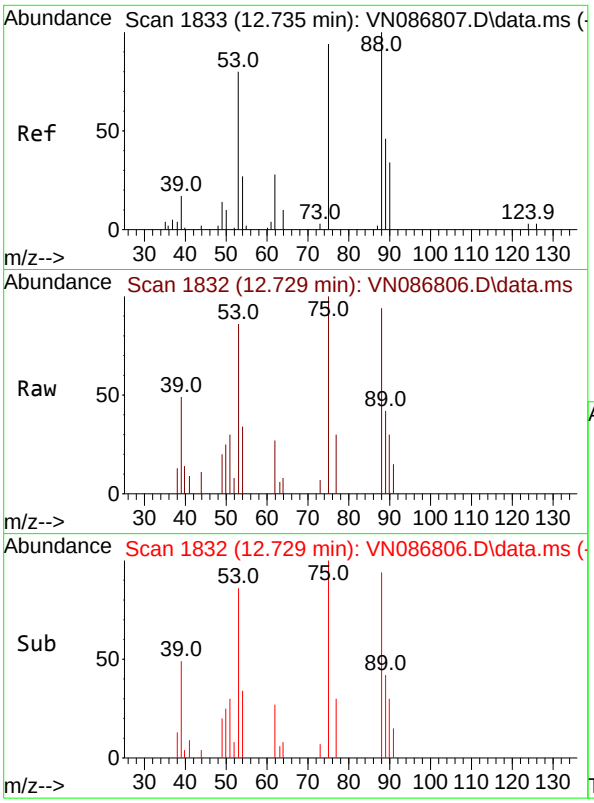


#76
1,3,5-Trimethylbenzene
Concen: 4.345 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:105 Resp: 37086

Ion	Ratio	Lower	Upper
105	100		
120	50.3	0.0	101.4

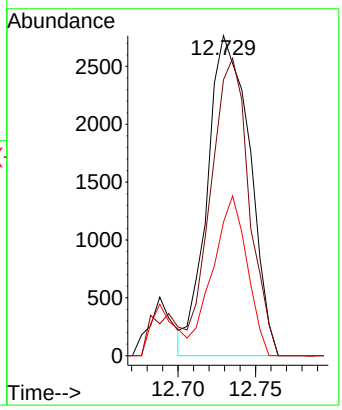




#77
t-1,4-Dichloro-2-butene
Concen: 4.485 ug/l
RT: 12.729 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 524

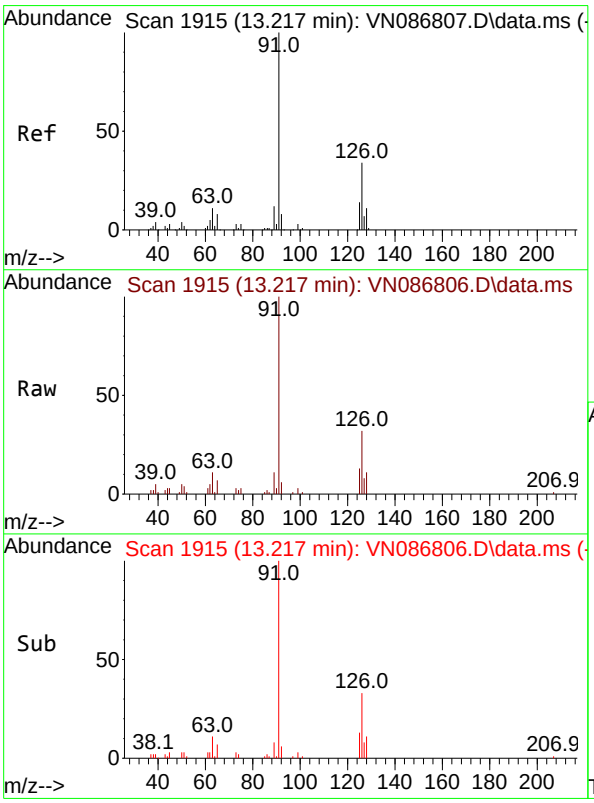
Ion	Ratio	Lower	Upper
75	100		
53	86.2	43.0	128.8
89	41.7	25.4	76.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

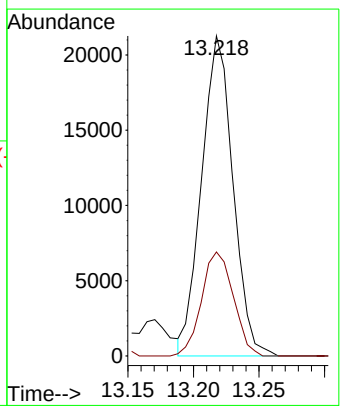
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

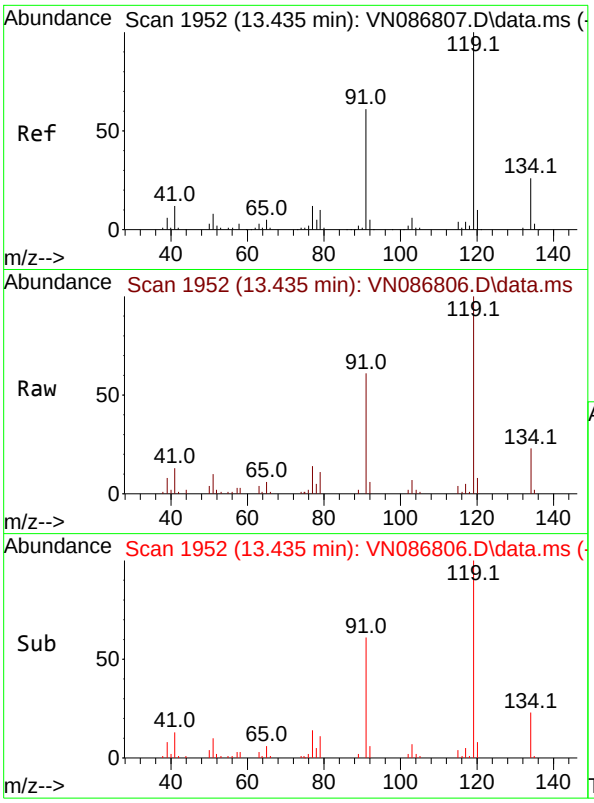


#78
4-Chlorotoluene
Concen: 4.583 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 91 Resp: 35412

Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.0	66.6

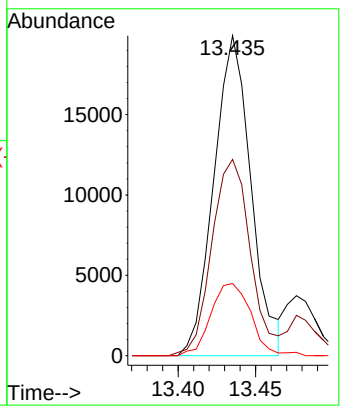




#79
tert-butylbenzene
Concen: 4.501 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:119 Resp: 3321

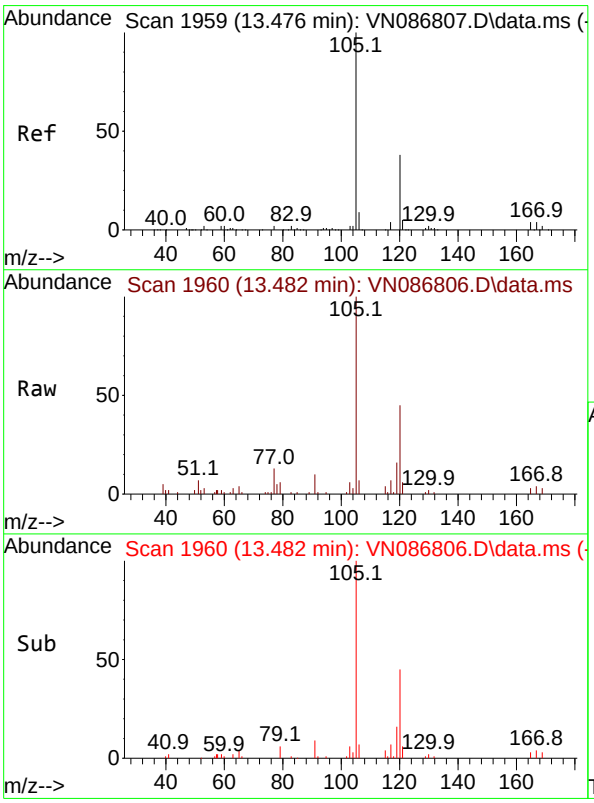
Ion	Ratio	Lower	Upper
119	100		
91	63.7	0.0	130.4
134	23.9	0.0	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

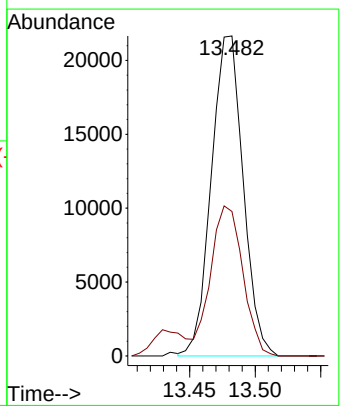
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

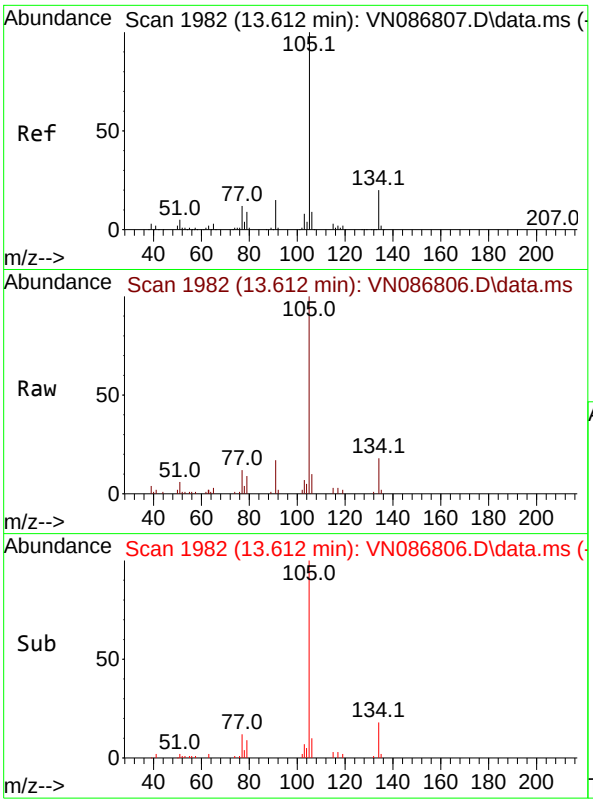


#80
1,2,4-Trimethylbenzene
Concen: 4.266 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:105 Resp: 36547

Ion	Ratio	Lower	Upper
105	100		
120	47.2	0.0	92.2

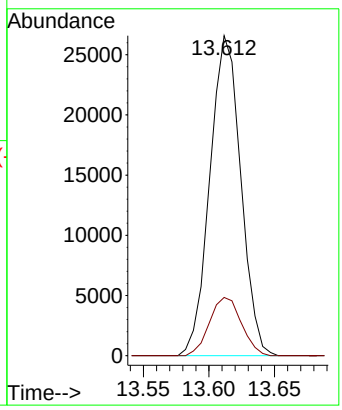




#81
sec-Butylbenzene
Concen: 4.340 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:105 Resp: 4362

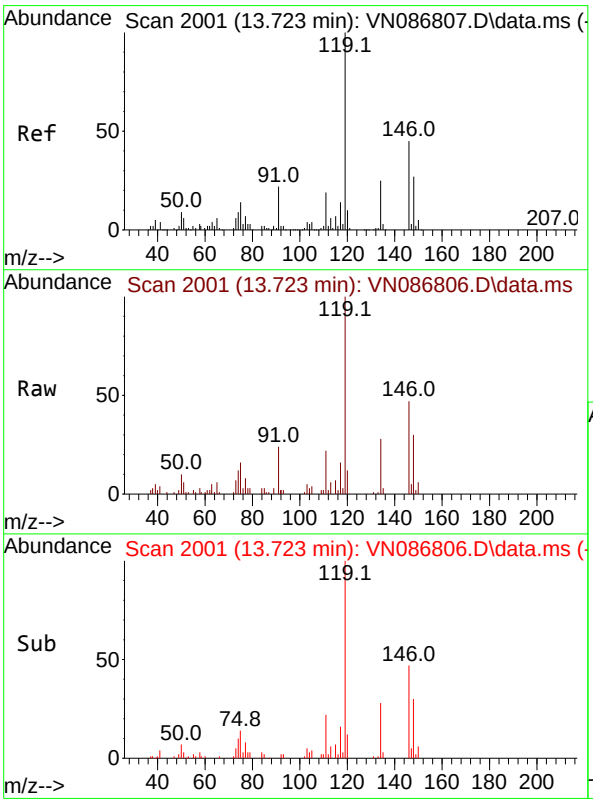
Ion	Ratio	Lower	Upper
105	100		
134	18.8	0.0	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

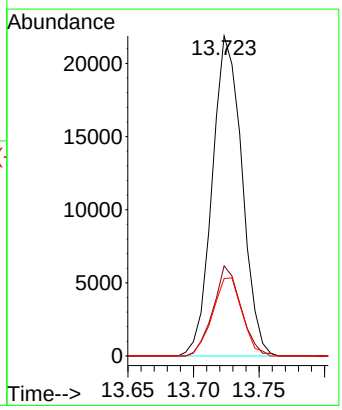
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

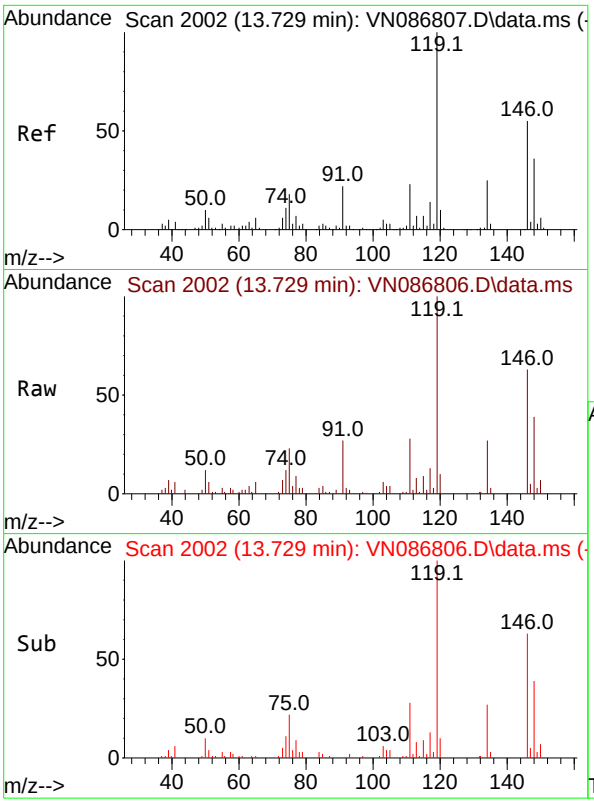


#82
p-Isopropyltoluene
Concen: 4.085 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:119 Resp: 34479

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	51.8
91	24.4	0.0	45.2

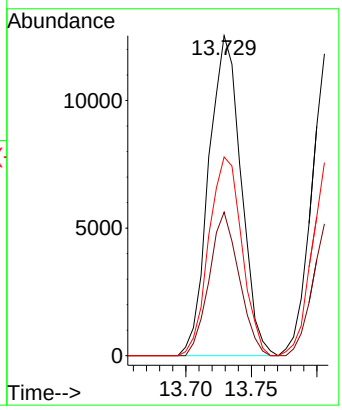




#83
1,3-Dichlorobenzene
Concen: 4.576 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:146 Resp: 2140

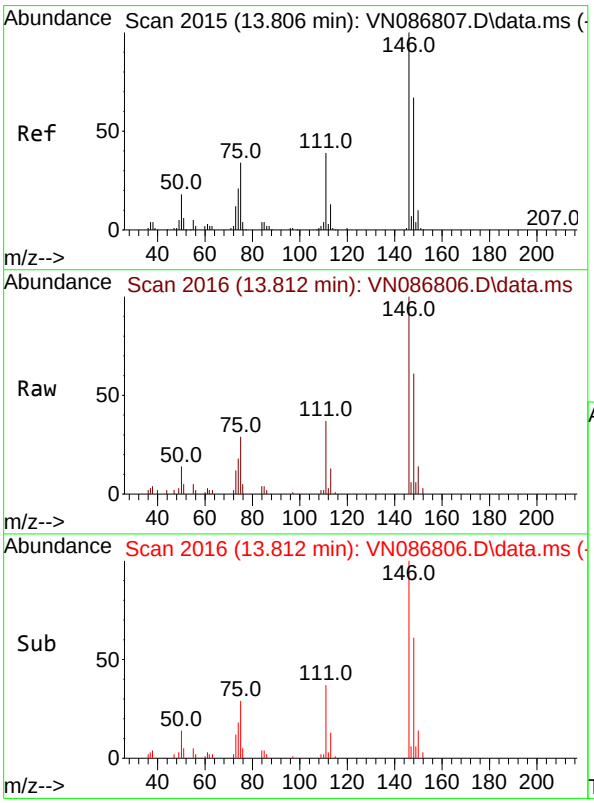
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	63.5	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

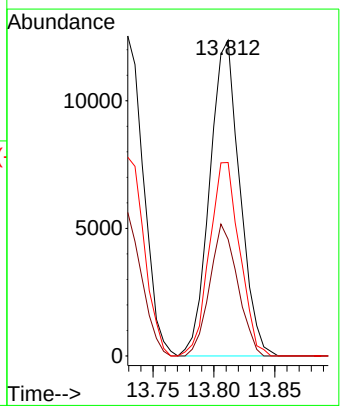
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

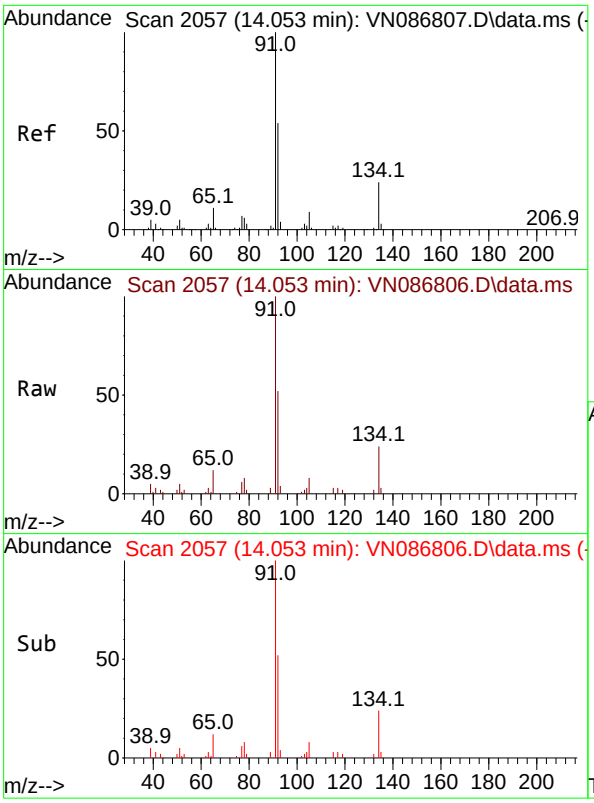


#84
1,4-Dichlorobenzene
Concen: 4.575 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:146 Resp: 21299

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.4
148	61.4	31.9	95.5





#85
n-Butylbenzene
Concen: 4.093 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

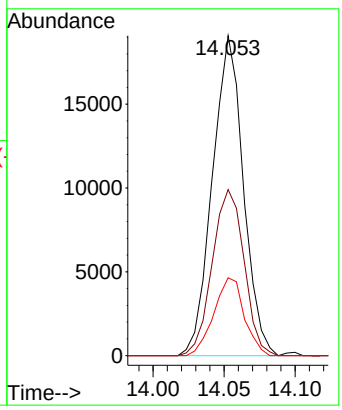
Tgt Ion: 91 Resp: 2892

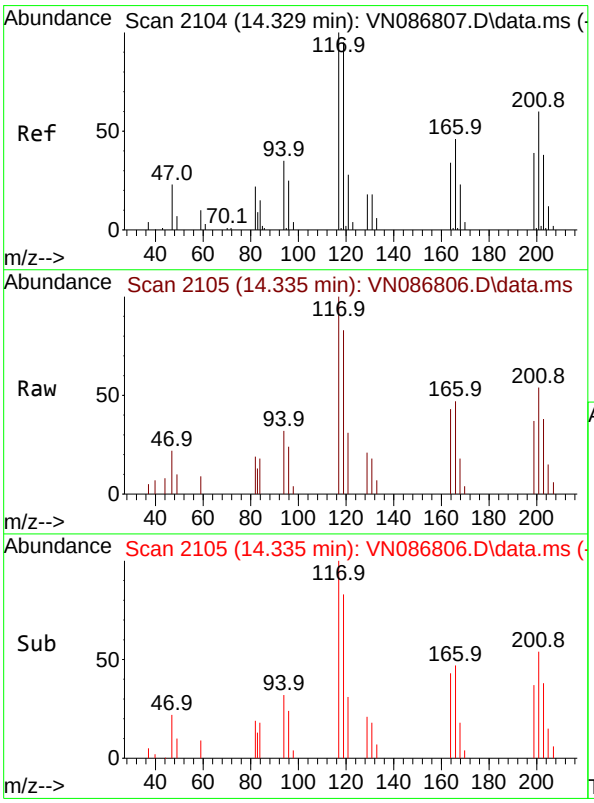
Ion	Ratio	Lower	Upper
91	100		
92	53.2	0.0	107.6
134	23.9	0.0	50.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

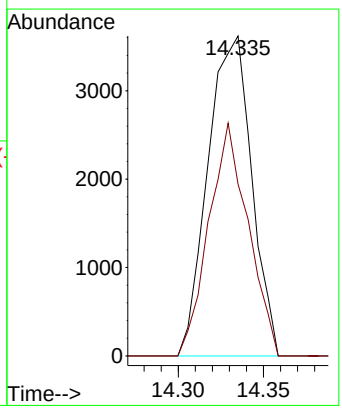


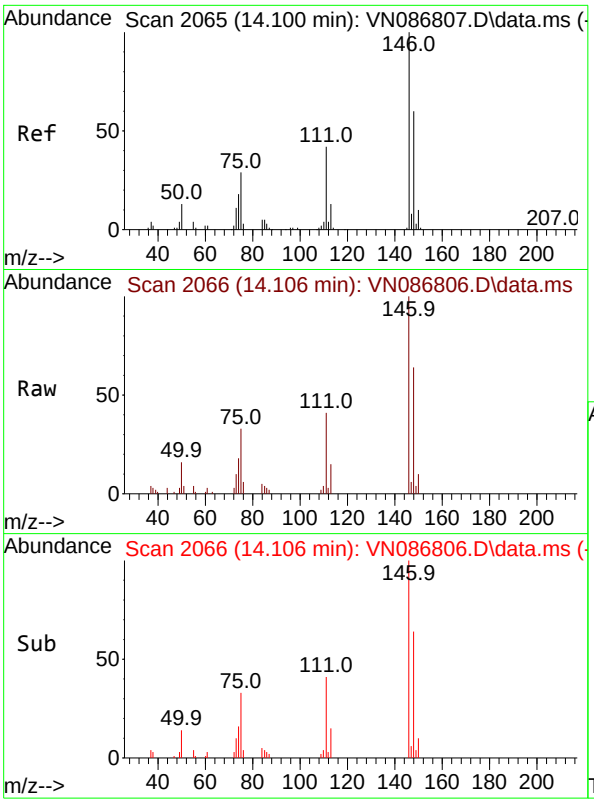


#86
Hexachloroethane
Concen: 4.497 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:117 Resp: 6470

Ion	Ratio	Lower	Upper
117	100		
201	65.3	31.4	94.3

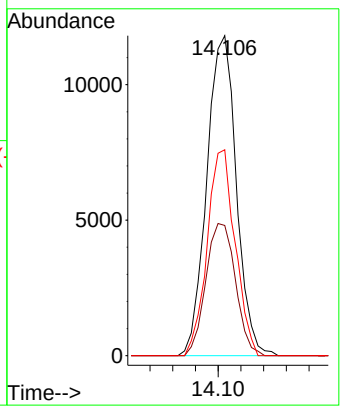




#87
1,2-Dichlorobenzene
Concen: 4.733 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:146 Resp: 2136

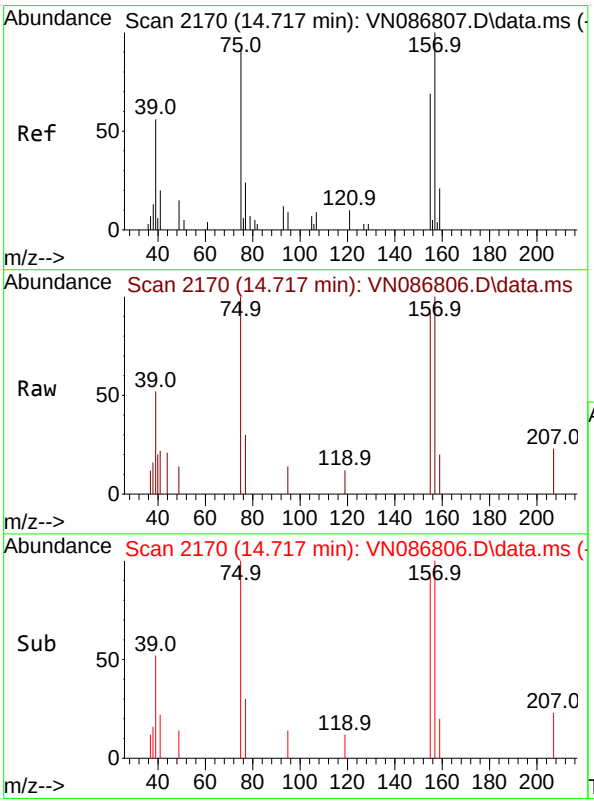
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.6	64.8
148	60.7	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

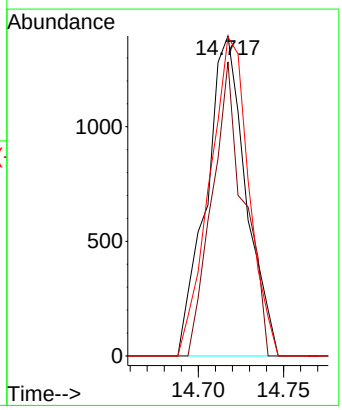
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

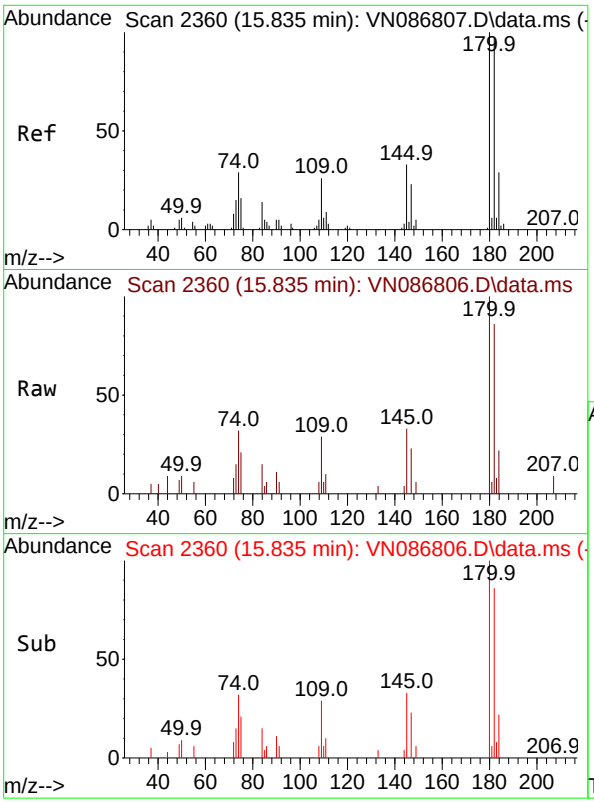


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.409 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion: 75 Resp: 2265

Ion	Ratio	Lower	Upper
75	100		
155	74.3	62.9	94.3
157	98.4	84.0	126.0

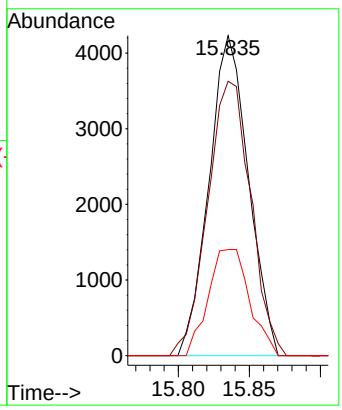




#89
1,2,4-Trichlorobenzene
Concen: 4.329 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:180 Resp: 817

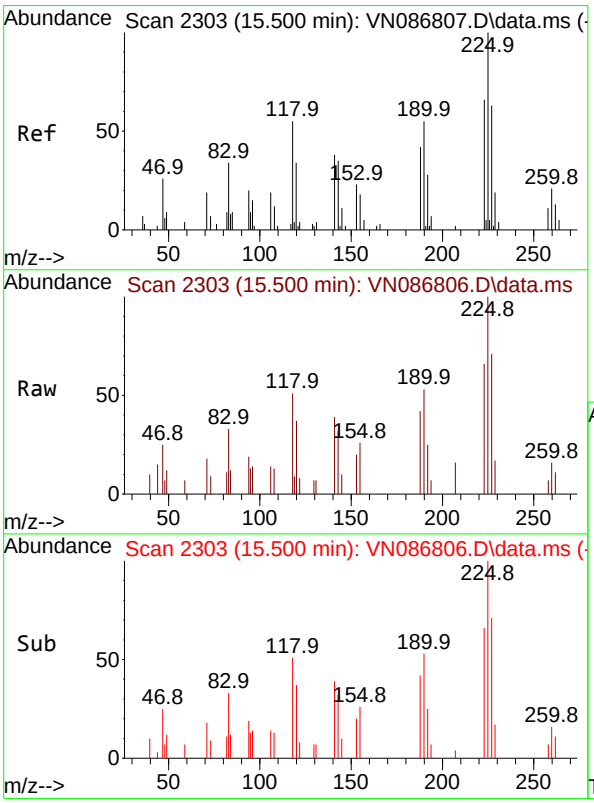
Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.2
145	34.7	28.0	42.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

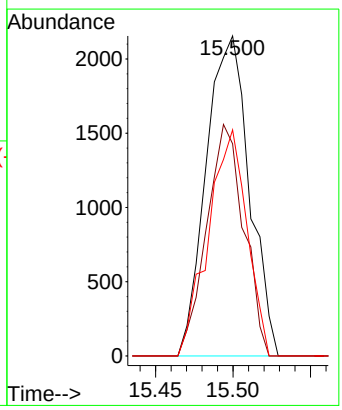
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

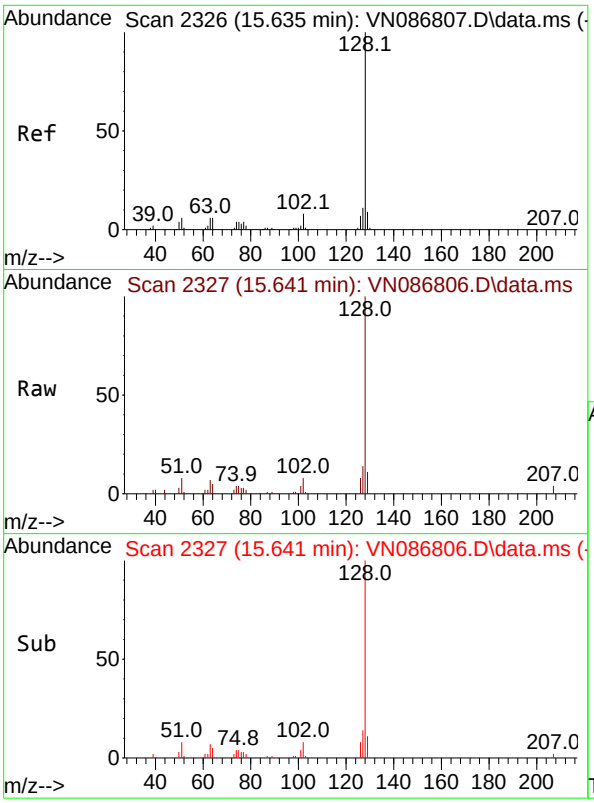


#90
Hexachlorobutadiene
Concen: 5.153 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:225 Resp: 4171

Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	135.8
227	63.1	0.0	125.0

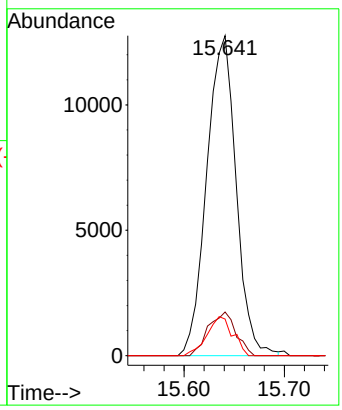




#91
Naphthalene
Concen: 3.947 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:128 Resp: 2601

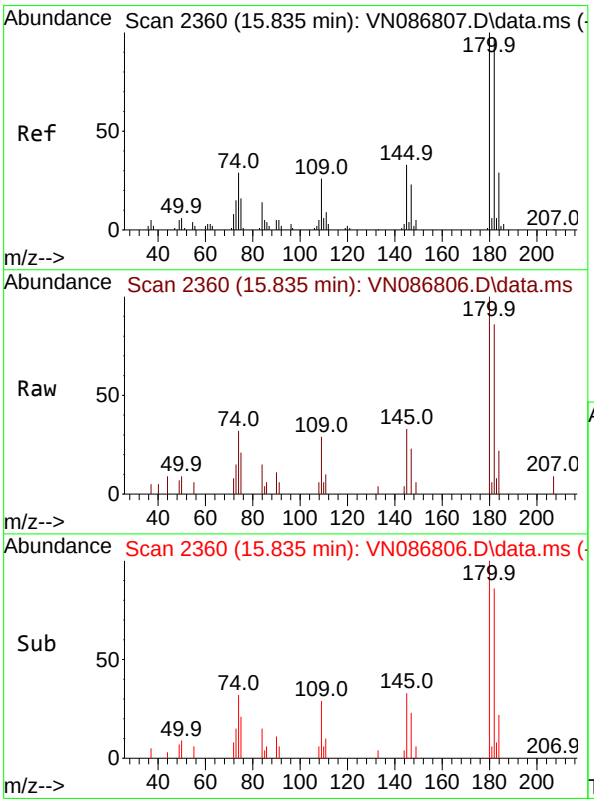
Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.8	14.6
129	10.7	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

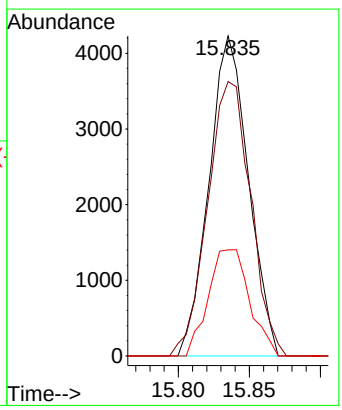
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.329 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086806.D
Acq: 29 May 2025 10:56

Tgt Ion:180 Resp: 8176

Ion	Ratio	Lower	Upper
180	100		
182	93.3	0.0	195.4
145	34.7	0.0	70.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	37101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	210546	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	189009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77229	30.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.000%			
60) 4-Bromofluorobenzene	12.847	95	88476	29.815	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	10.565	98	263046	30.321	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52720	20.922	ug/l	100
3) Chloromethane	2.359	50	67271	20.706	ug/l	100
4) Vinyl Chloride	2.512	62	61343	20.517	ug/l	100
5) Bromomethane	2.959	94	32987	20.823	ug/l	100
6) Chloroethane	3.124	64	37880	20.714	ug/l	100
7) Trichlorofluoromethane	3.501	101	70875	20.240	ug/l	100
8) Diethyl Ether	3.959	74	28929	19.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43679	20.353	ug/l	100
10) 1,1-Dichloroethene	4.336	96	43494	19.879	ug/l	100
11) Methyl Iodide	4.589	142	50467	19.567	ug/l	100
12) Methyl Acetate	5.024	43	48303	19.933	ug/l	100
13) Acrolein	4.183	56	24332	96.537	ug/l	100
14) Acrylonitrile	5.718	53	113876	100.708	ug/l	100
15) Acetone	4.418	58	29123	101.722	ug/l	100
16) Carbon Disulfide	4.712	76	128395	20.103	ug/l	100
17) Allyl chloride	5.024	41	65307	20.092	ug/l	100
18) Methylene Chloride	5.277	84	51325	20.199	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	46328	20.233	ug/l	100
20) Diisopropyl ether	6.671	45	149023	20.817	ug/l	100
21) 1,1-Dichloroethane	6.565	63	88434	20.469	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	55609	20.055	ug/l	100
23) tert-Butyl Alcohol	5.518	59	36977	101.832	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	144821	20.083	ug/l	100
25) Chloroform	7.965	83	85389	20.193	ug/l	100
26) Cyclohexane	8.253	56	75338	20.148	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	62257	20.111	ug/l	100
30) 2-Butanone	7.483	43	137625	101.467	ug/l	100
31) 2,2-Dichloropropane	7.483	77	74622	20.421	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	72907	20.317	ug/l	100
33) Carbon Tetrachloride	8.359	117	61922	20.187	ug/l	100
34) Benzene	8.606	78	205111	20.364	ug/l	100
35) Methacrylonitrile	7.777	41	32745	21.016	ug/l	100
36) 1,2-Dichloroethane	8.665	62	60188	20.392	ug/l	100
37) Trichloroethene	9.347	130	55110	19.725	ug/l	100
38) Methylcyclohexane	9.600	83	67964	19.787	ug/l	100
39) 1,2-Dichloropropane	9.618	63	49644	20.472	ug/l	100
40) Dibromomethane	9.706	93	32035	20.198	ug/l	100
41) Bromodichloromethane	9.882	83	66883	20.146	ug/l	100
42) Vinyl Acetate	6.600	43	415639	105.128	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58271	20.995	ug/l	100
44) Isopropyl Acetate	8.683	43	97384	20.454	ug/l	100
45) 1,4-Dioxane	9.694	88	17506	413.686	ug/l	100
46) Methyl methacrylate	9.677	41	43721	19.916	ug/l	100
47) n-amyl Acetate	12.494	43	78489	20.535	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	70982	19.980	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	77477	19.827	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	44971	20.132	ug/l	100
51) Ethyl methacrylate	10.871	69	71253	19.696	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79173	19.972	ug/l	100
53) Dibromochloromethane	11.353	129	49951	19.788	ug/l	100
54) 1,2-Dibromoethane	11.465	107	46157	20.215	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	167435	96.419	ug/l	100
56) Bromoform	12.576	173	31789	19.987	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	287881	103.801	ug/l	100
59) 2-Hexanone	11.188	43	203275	102.323	ug/l	100
61) Tetrachloroethene	11.100	164	63325	19.931	ug/l	100
62) Toluene	10.624	91	216360	20.325	ug/l	100
64) Chlorobenzene	11.888	112	136627	20.126	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	44306	19.866	ug/l	100
66) Ethyl Benzene	11.959	91	231289	20.088	ug/l	100
67) m/p-Xylenes	12.065	106	182175	40.320	ug/l	100
68) o-Xylene	12.394	106	87623	20.011	ug/l	100
69) Styrene	12.406	104	145956	20.007	ug/l	100
70) Isopropylbenzene	12.694	105	209188	20.086	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	51621	20.847	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	58937m	19.320	ug/l	
73) Bromobenzene	12.976	156	52090	20.123	ug/l	100
74) n-propylbenzene	13.029	91	247566	20.068	ug/l	100
75) 2-Chlorotoluene	13.123	91	159048	20.087	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	173075	19.976	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	22762	19.166	ug/l	100
78) 4-Chlorotoluene	13.217	91	155817	19.866	ug/l	100
79) tert-butylbenzene	13.435	119	148370	19.807	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174264	20.038	ug/l	100
81) sec-Butylbenzene	13.612	105	203214	19.913	ug/l	100
82) p-Isopropyltoluene	13.723	119	170107	19.852	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	92198	19.415	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	91531	19.368	ug/l	100
85) n-Butylbenzene	14.053	91	136590	19.040	ug/l	100
86) Hexachloroethane	14.329	117	28367	19.424	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	89883	19.621	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10031	19.237	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100
90) Hexachlorobutadiene	15.500	225	15326	18.652	ug/l	100
91) Naphthalene	15.635	128	119288	17.833	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100

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

ICAL Form

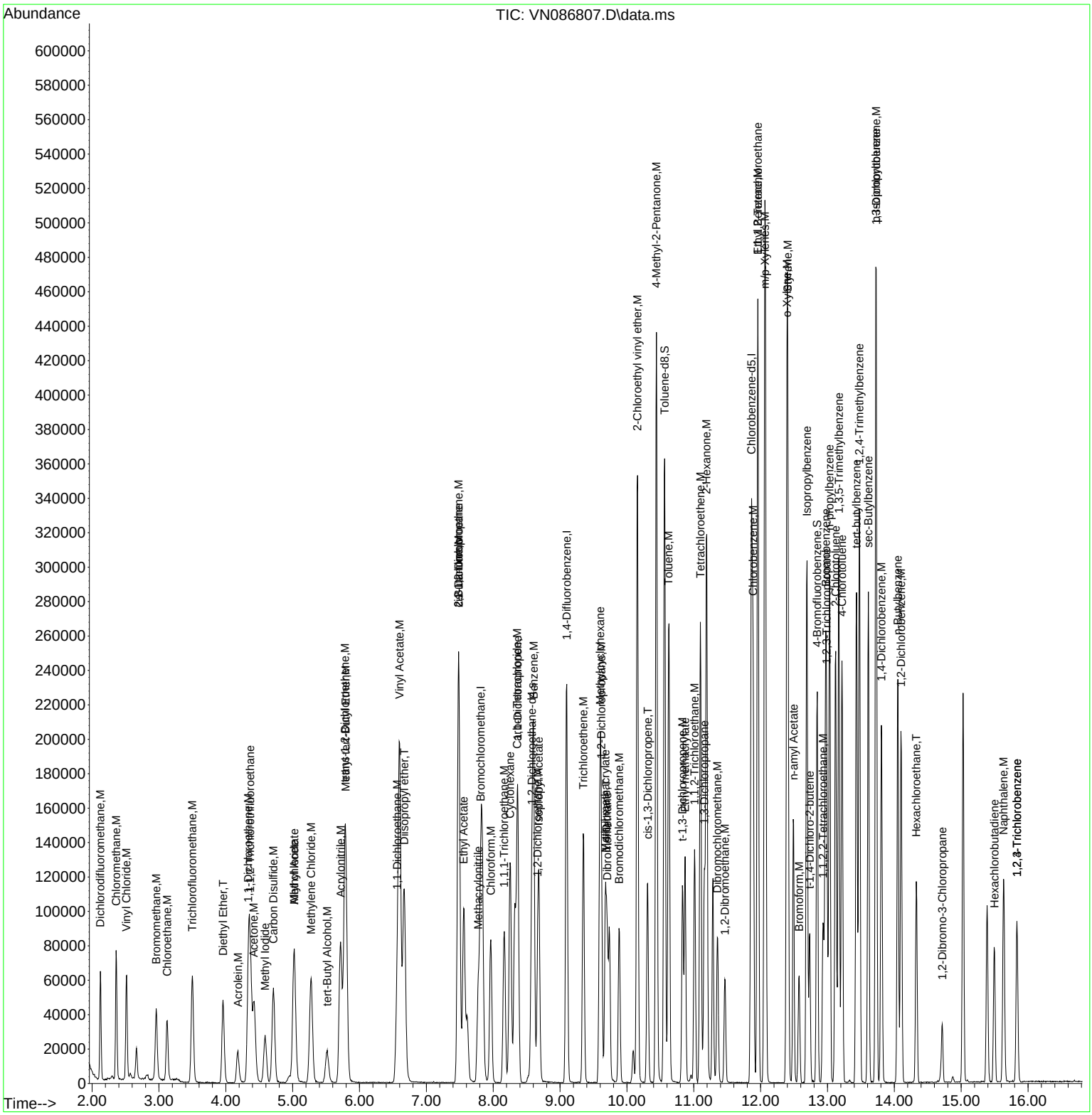
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

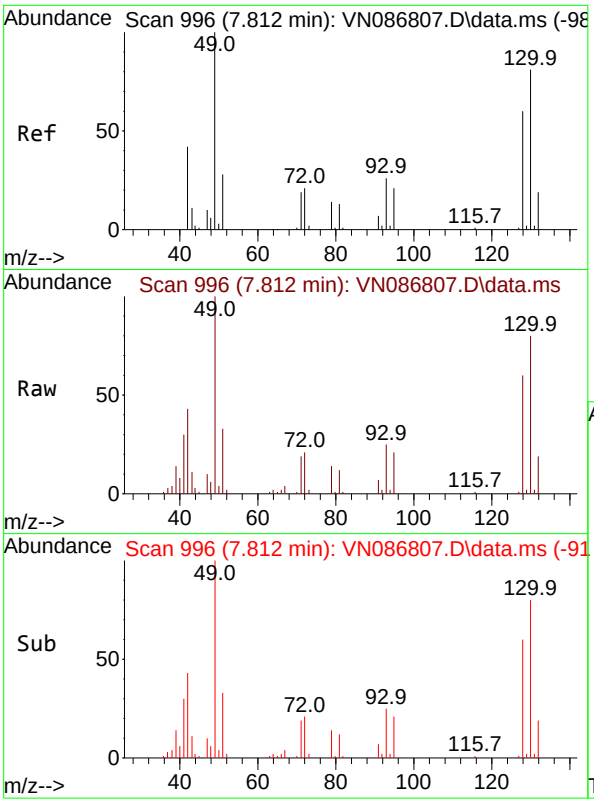
Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

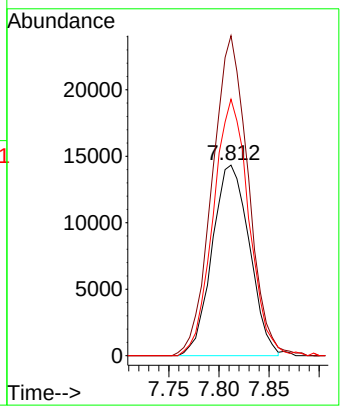




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:128 Resp: 3710

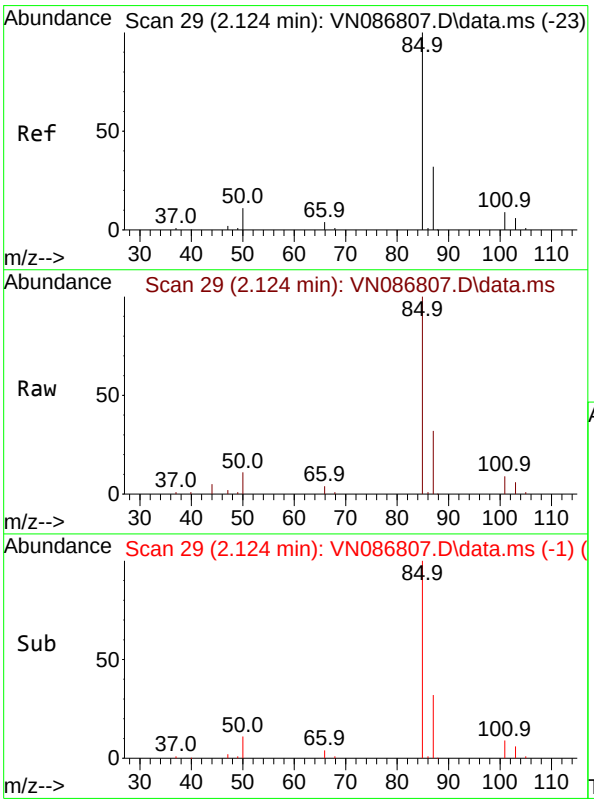
Ion	Ratio	Lower	Upper
128	100		
49	161.8	0.0	404.5
130	128.9	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

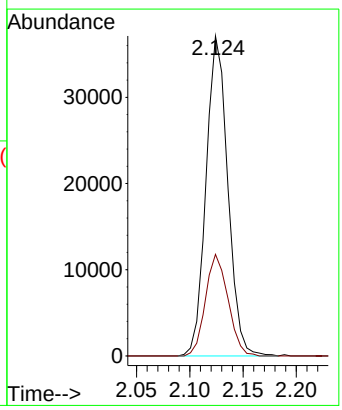
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

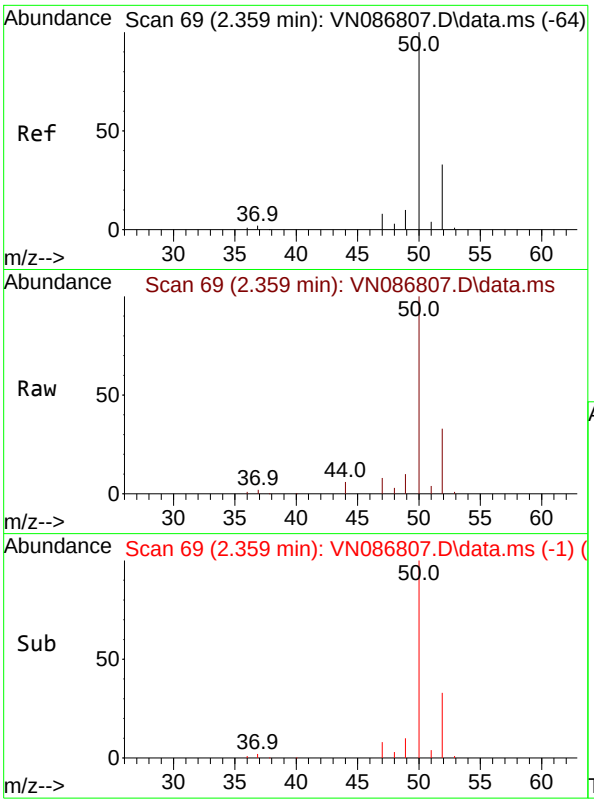


#2
Dichlorodifluoromethane
Concen: 20.922 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 85 Resp: 52720

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.9	47.7

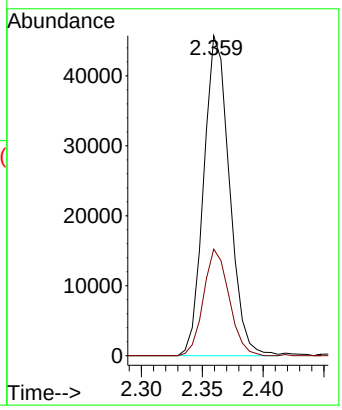




#3
Chloromethane
Concen: 20.706 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 50 Resp: 6727

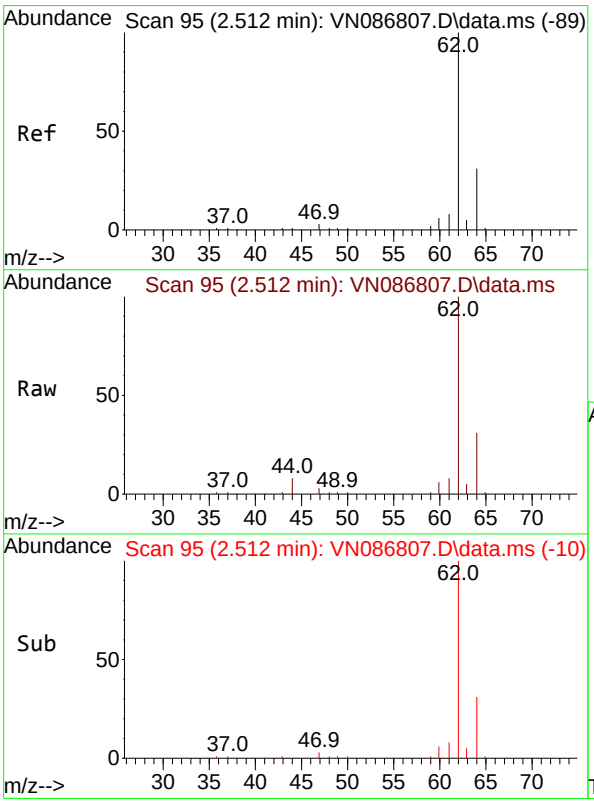
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

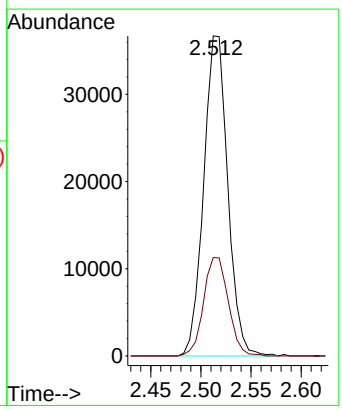
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

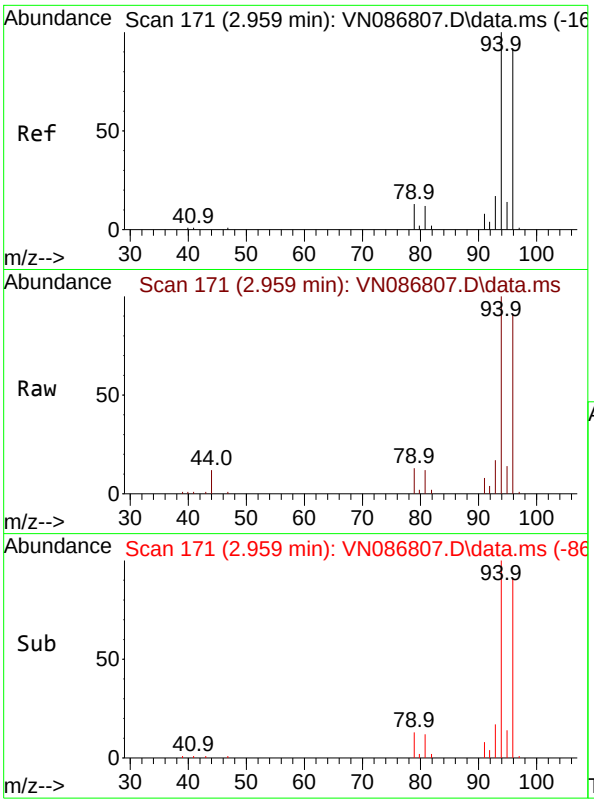


#4
Vinyl Chloride
Concen: 20.517 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 62 Resp: 61343

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.6	36.8

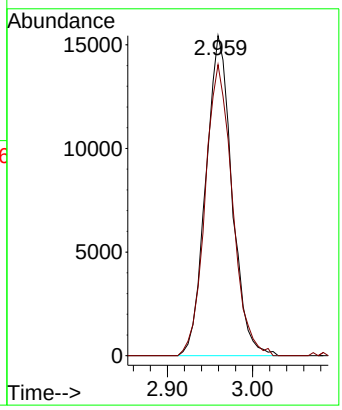




#5
Bromomethane
Concen: 20.823 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 94 Resp: 3298

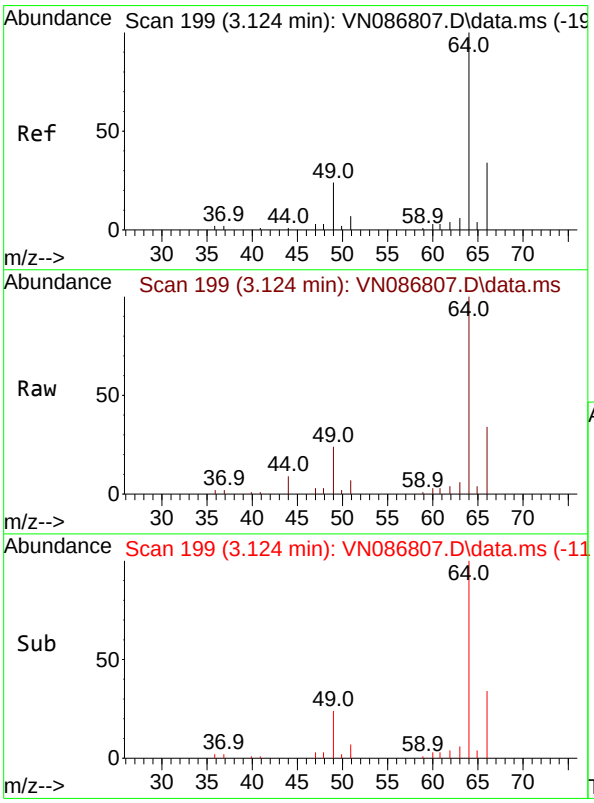
Ion	Ratio	Lower	Upper
94	100		
96	90.9	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

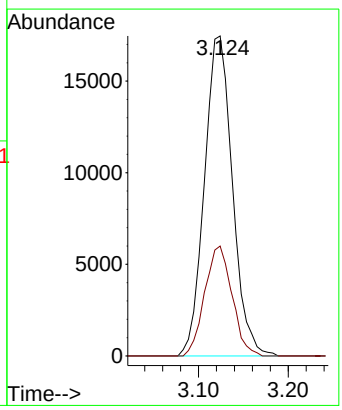
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

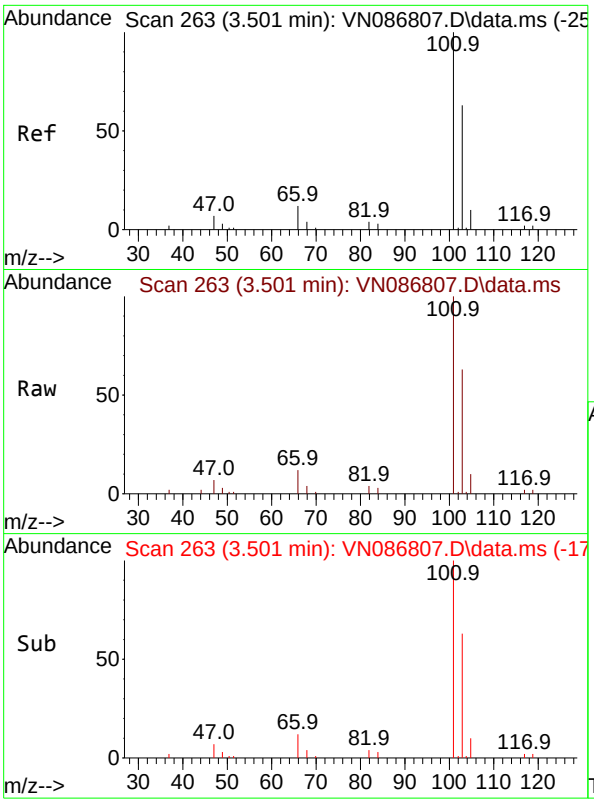


#6
Chloroethane
Concen: 20.714 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 64 Resp: 37880

Ion	Ratio	Lower	Upper
64	100		
66	34.4	27.5	41.3





#7
Trichlorofluoromethane
Concen: 20.240 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

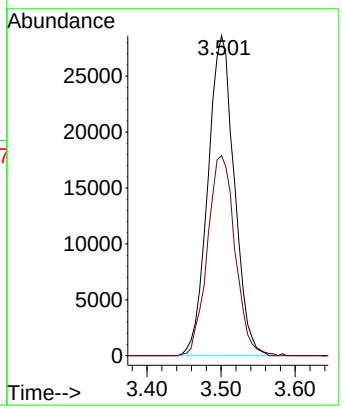
Tgt Ion:101 Resp: 7087

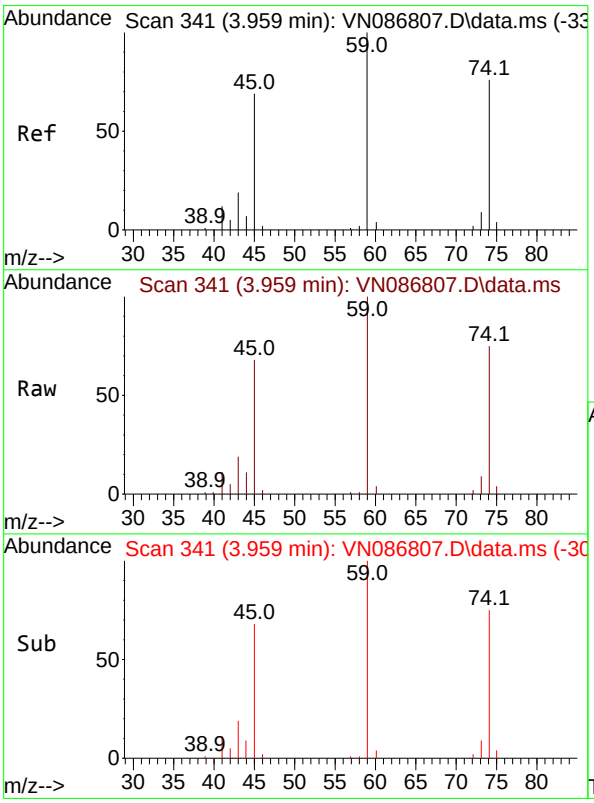
Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

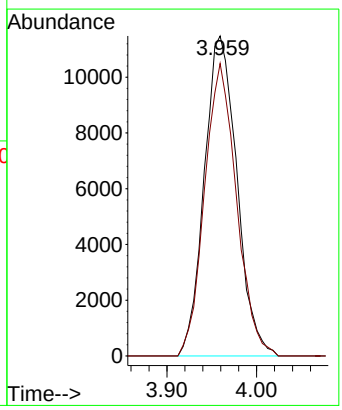


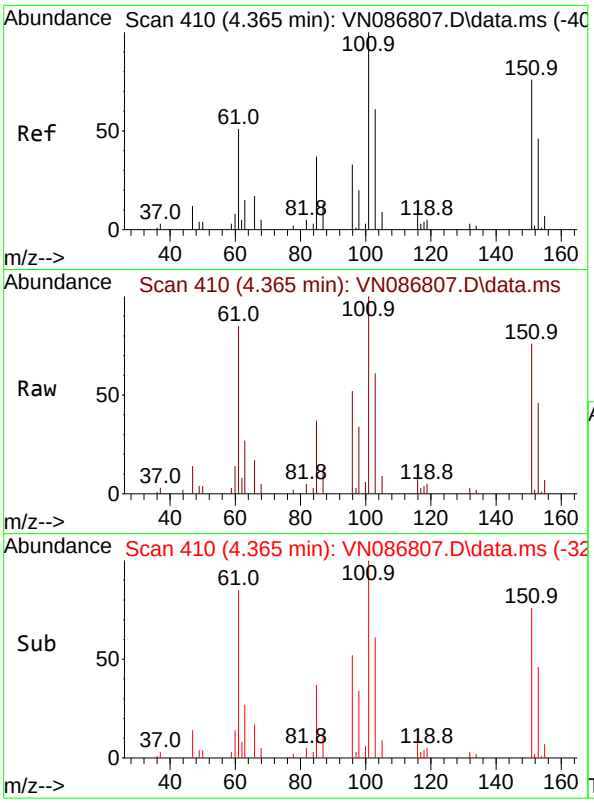


#8
Diethyl Ether
Concen: 19.804 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 74 Resp: 28929

Ion	Ratio	Lower	Upper
74	100		
45	89.7	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.353 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

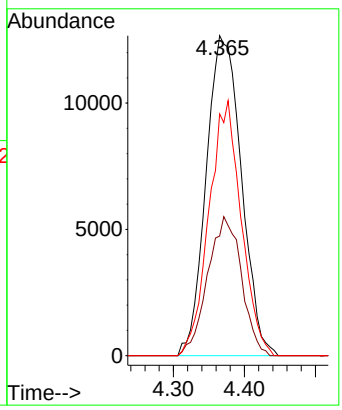
Tgt Ion:101 Resp: 4367

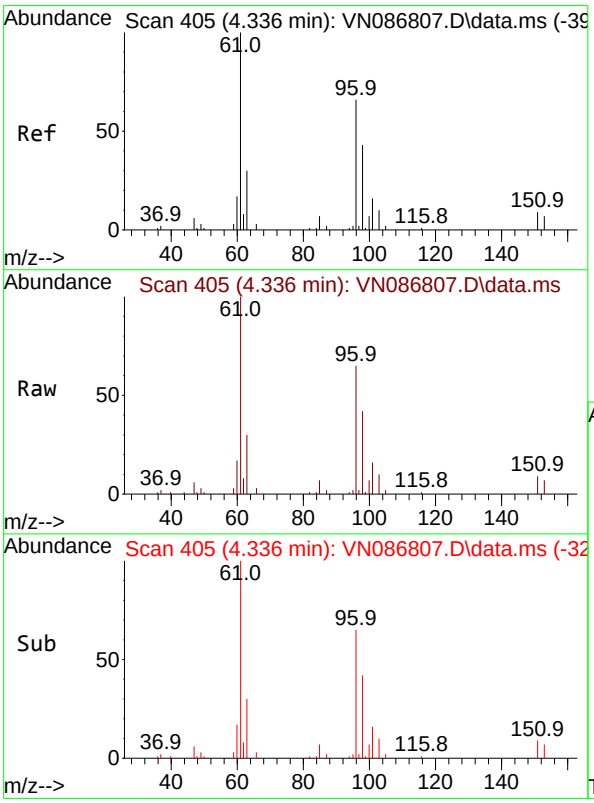
Ion	Ratio	Lower	Upper
101	100		
85	41.6	0.0	83.2
151	72.8	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

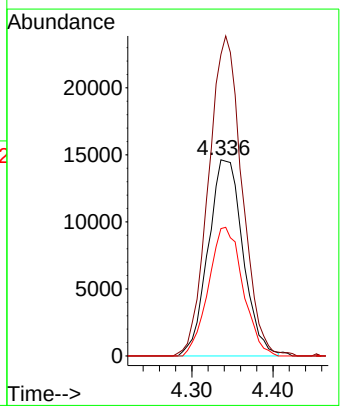


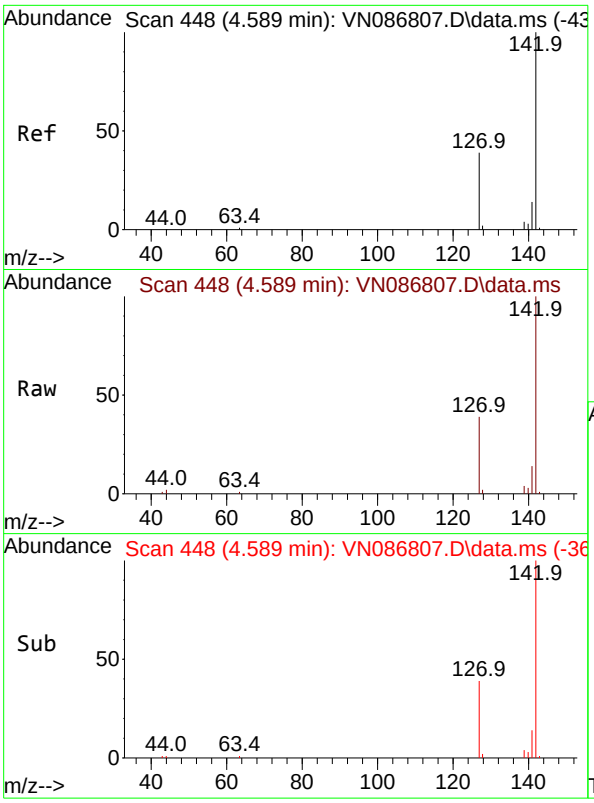


#10
1,1-Dichloroethene
Concen: 19.879 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 43494

Ion	Ratio	Lower	Upper
96	100		
61	152.1	121.7	182.5
98	64.9	51.9	77.9

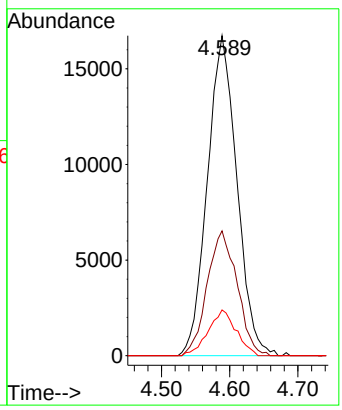




#11
Methyl Iodide
Concen: 19.567 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:142 Resp: 5046

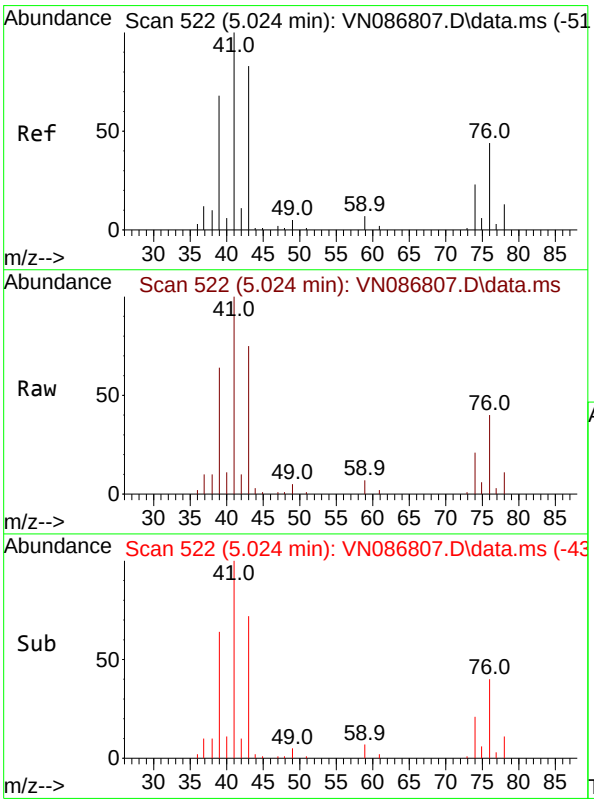
Ion	Ratio	Lower	Upper
142	100		
127	39.0	19.5	58.5
141	14.3	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

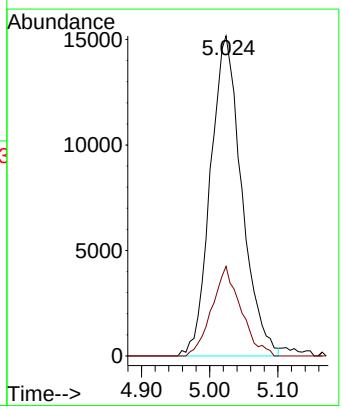
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

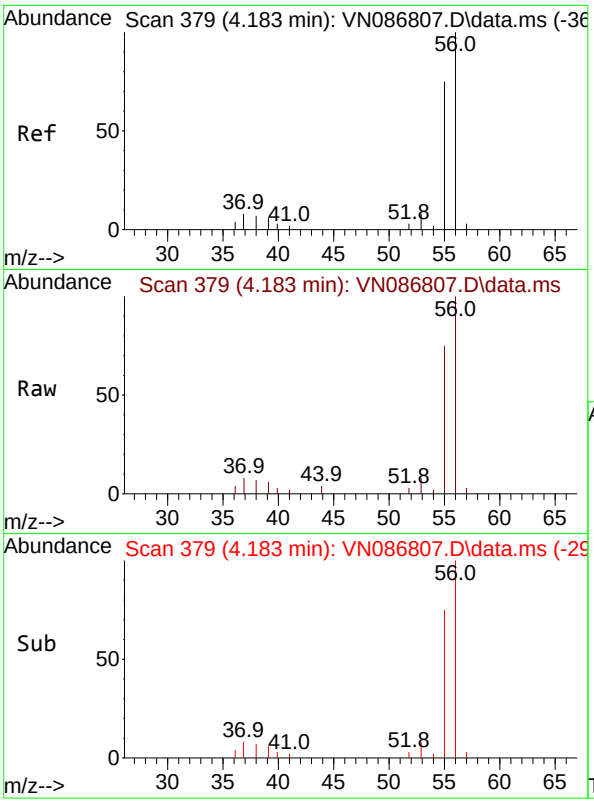


#12
Methyl Acetate
Concen: 19.933 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 48303

Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.7	34.1

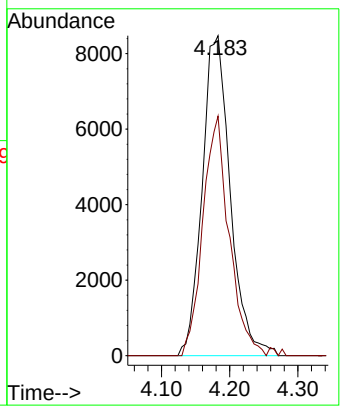




#13
Acrolein
Concen: 96.537 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 56 Resp: 2433

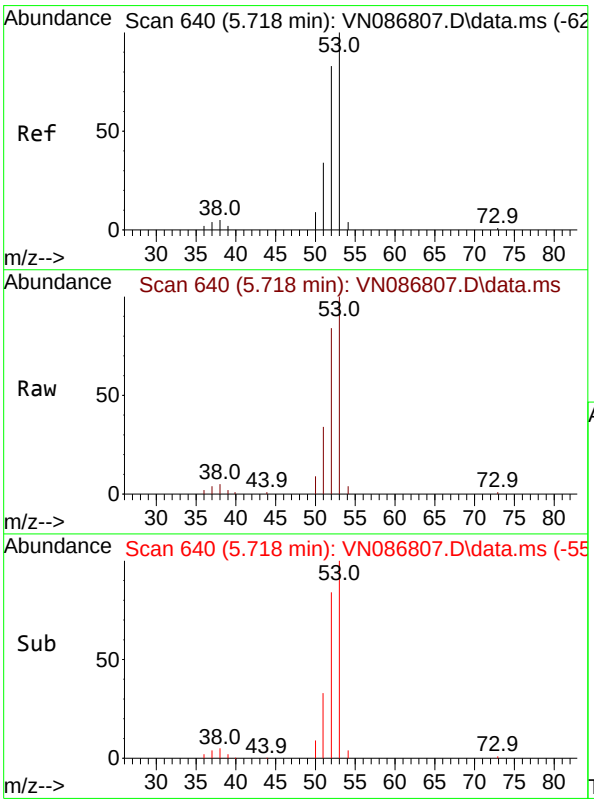
Ion	Ratio	Lower	Upper
56	100		
55	69.9	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

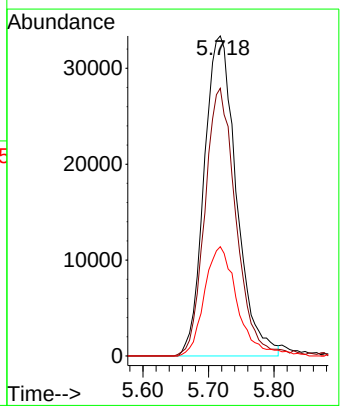
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

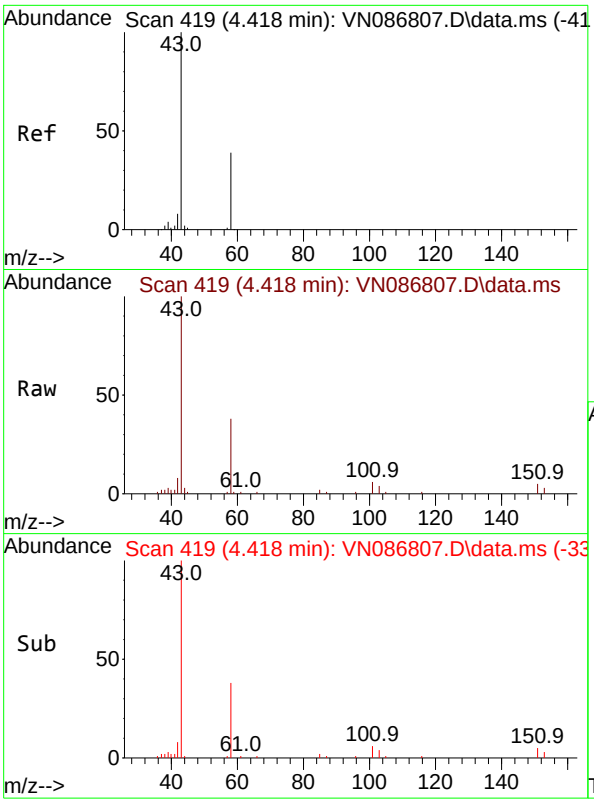


#14
Acrylonitrile
Concen: 100.708 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 53 Resp: 113876

Ion	Ratio	Lower	Upper
53	100		
52	79.9	40.0	119.9
51	35.1	17.5	52.6

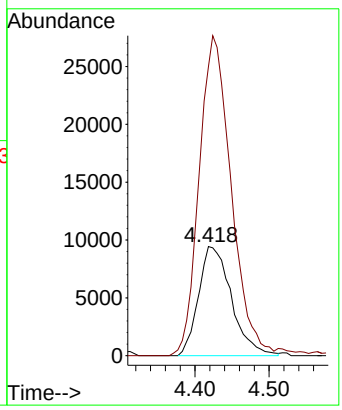




#15
Acetone
Concen: 101.722 ug/l
RT: 4.418 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 58 Resp: 2912

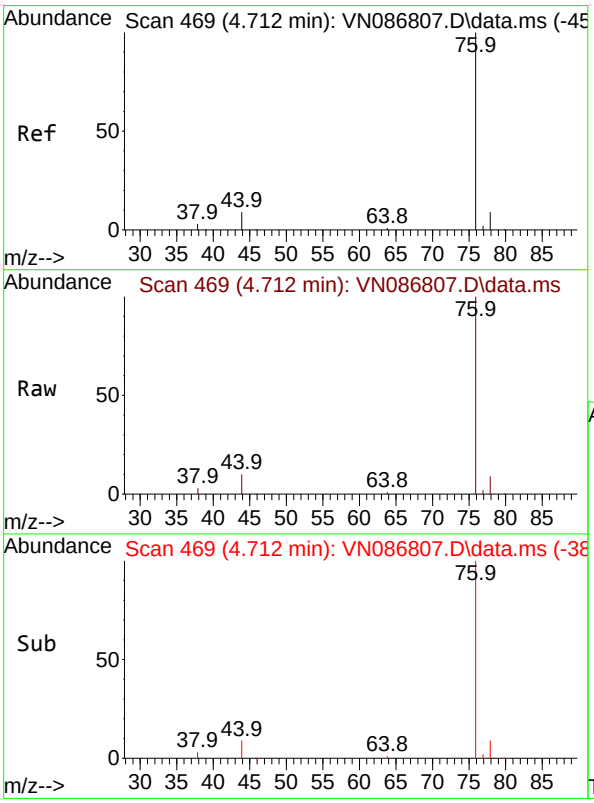
Ion	Ratio	Lower	Upper
58	100		
43	259.6	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

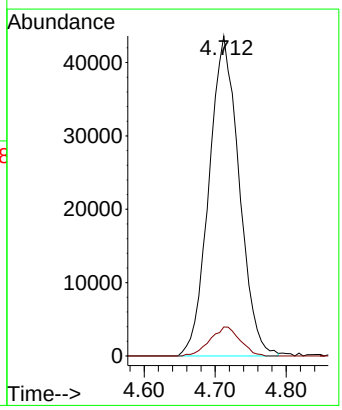
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

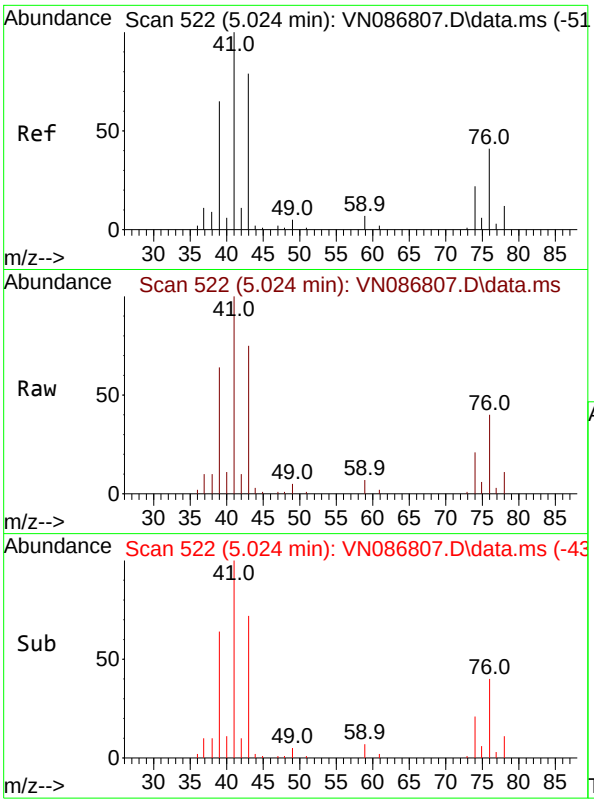


#16
Carbon Disulfide
Concen: 20.103 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 76 Resp: 128395

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

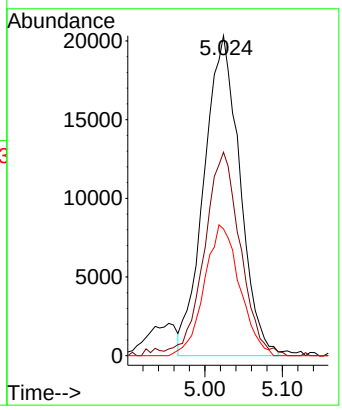




#17
Allyl chloride
Concen: 20.092 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 6530

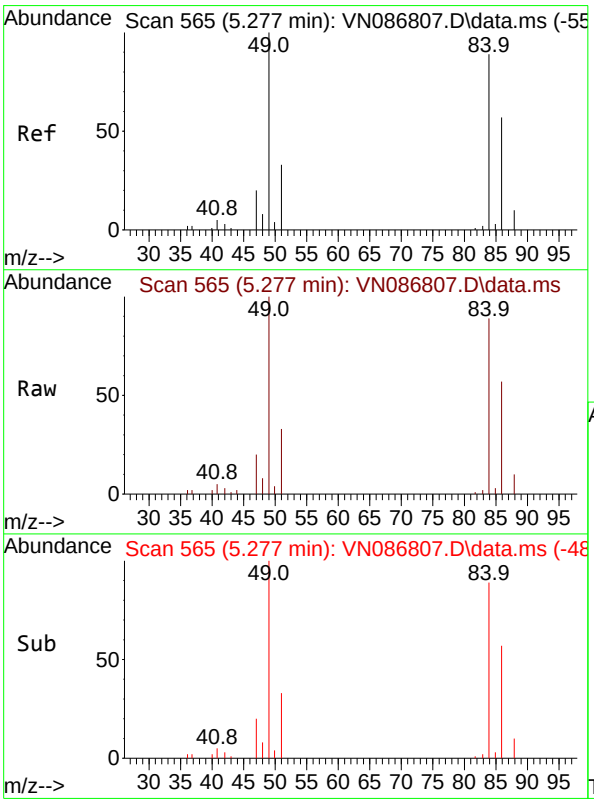
Ion	Ratio	Lower	Upper
41	100		
39	63.2	31.6	94.8
76	40.1	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

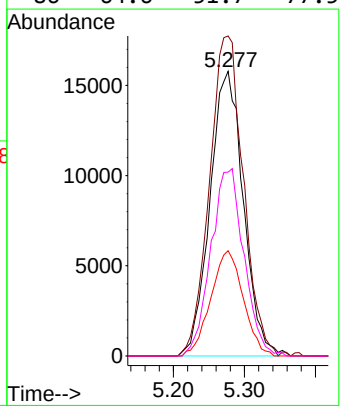
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

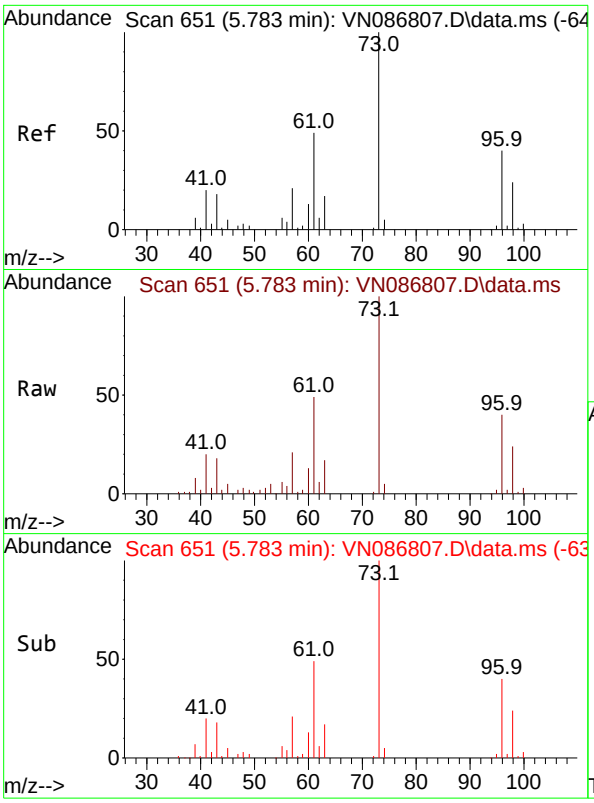


#18
Methylene Chloride
Concen: 20.199 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 84 Resp: 51325

Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.9	134.9
51	37.0	29.6	44.4
86	64.6	51.7	77.5

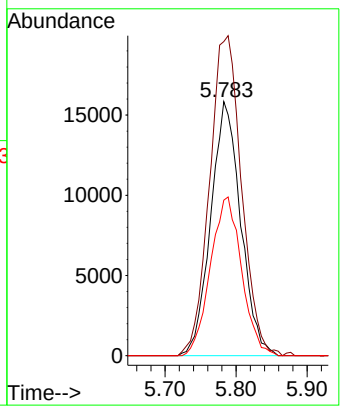




#19
trans-1,2-Dichloroethene
Concen: 20.233 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 4632

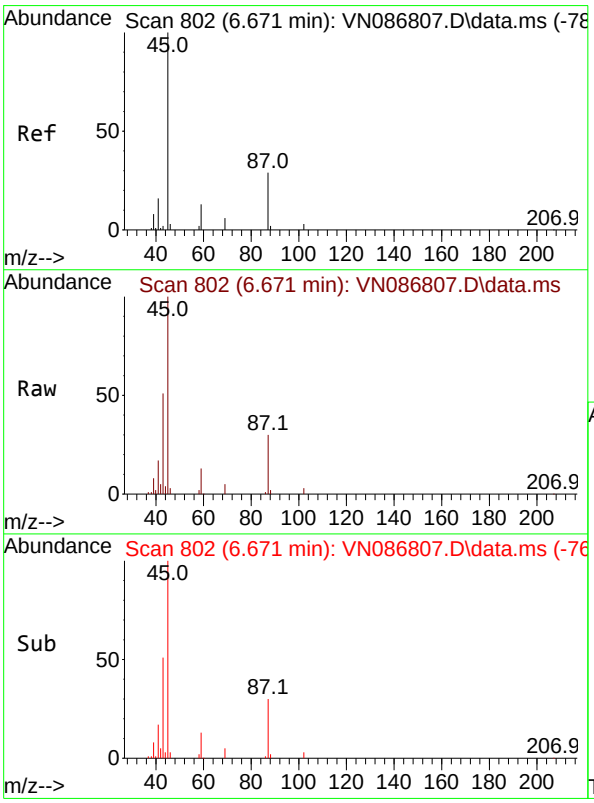
Ion	Ratio	Lower	Upper
96	100		
61	123.6	98.9	148.3
98	61.2	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

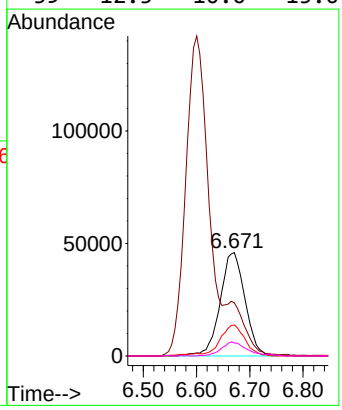
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

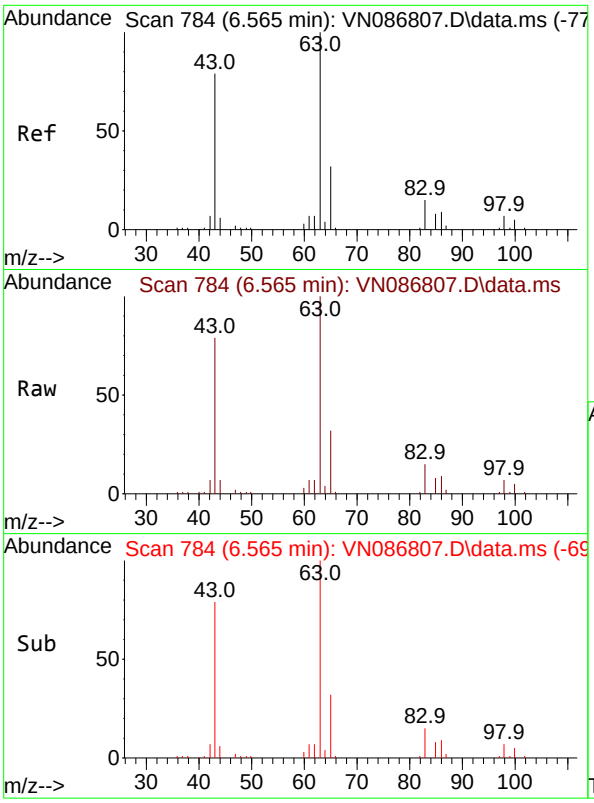


#20
Diisopropyl ether
Concen: 20.817 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 45 Resp: 149023

Ion	Ratio	Lower	Upper
45	100		
43	50.4	40.3	60.5
87	30.1	24.1	36.1
59	12.5	10.0	15.0

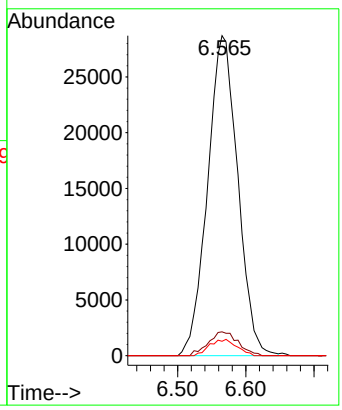




#21
1,1-Dichloroethane
Concen: 20.469 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 63 Resp: 8843

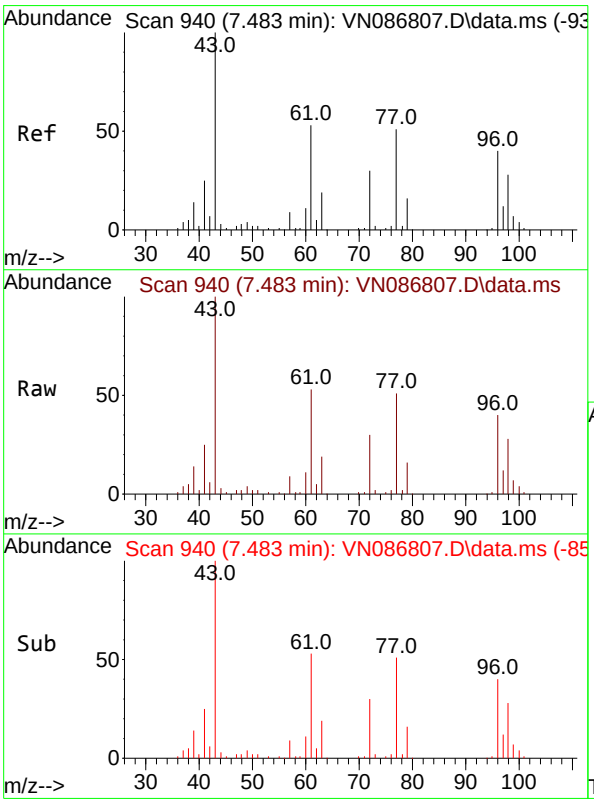
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.5	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

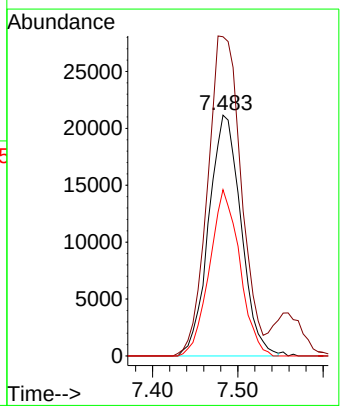
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

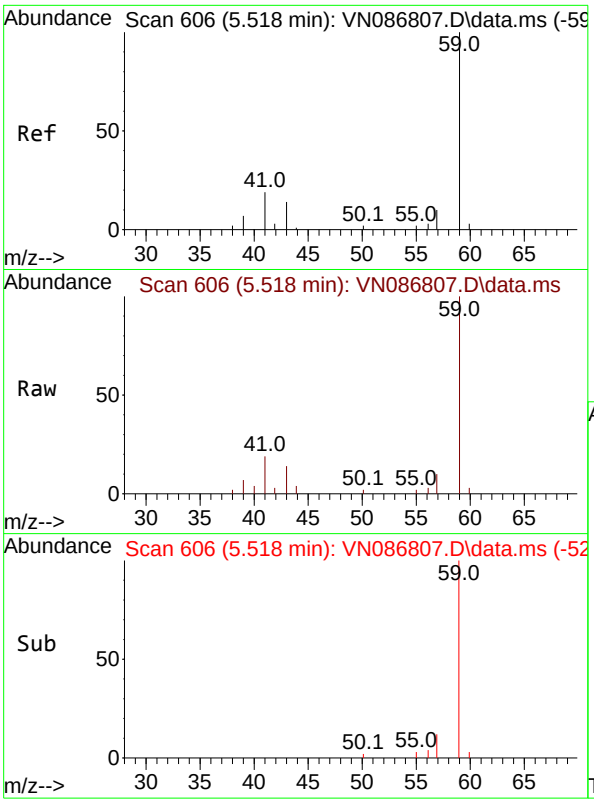


#22
cis-1,2-Dichloroethene
Concen: 20.055 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 55609

Ion	Ratio	Lower	Upper
96	100		
61	138.4	110.7	166.1
98	64.8	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 101.832 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

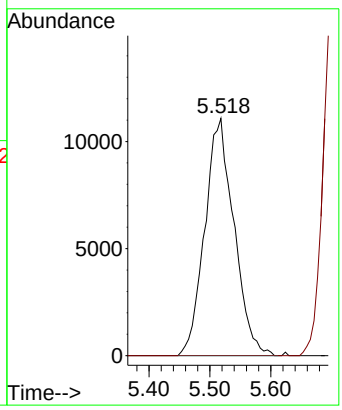
Tgt Ion: 59 Resp: 3697

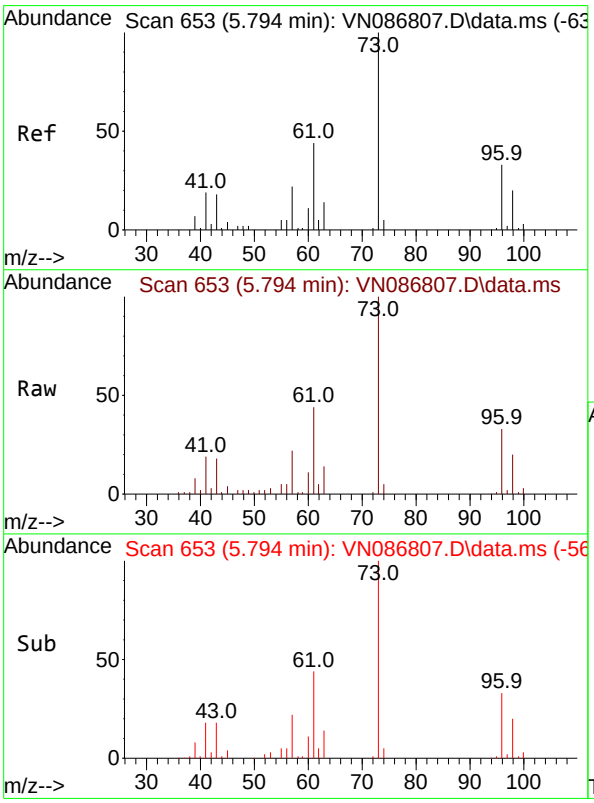
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

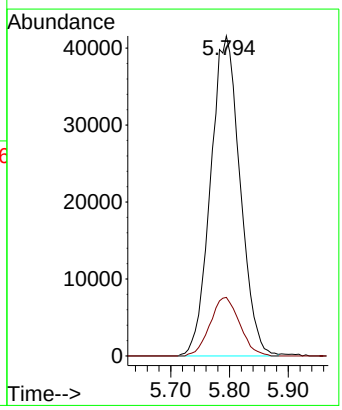


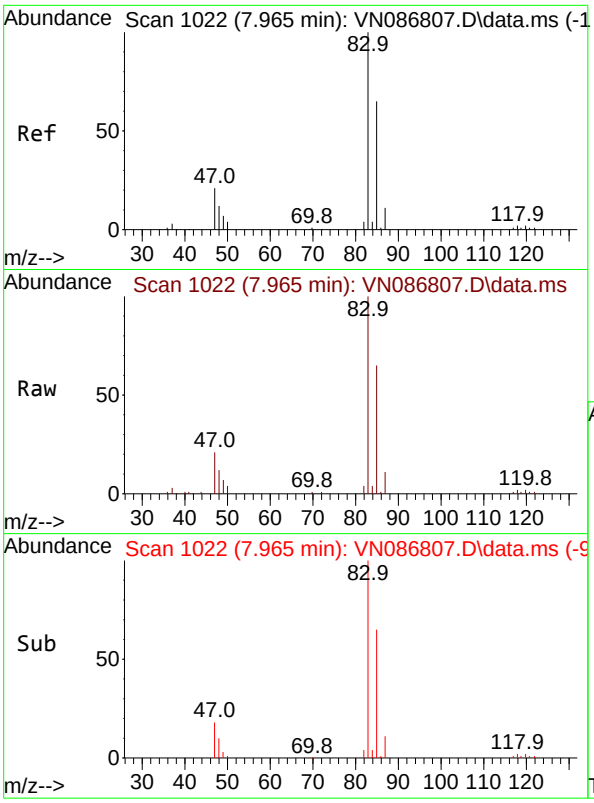


#24
Methyl tert-Butyl Ether
Concen: 20.083 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 73 Resp: 144821

Ion	Ratio	Lower	Upper
73	100		
43	18.3	14.6	22.0





#25
Chloroform
Concen: 20.193 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

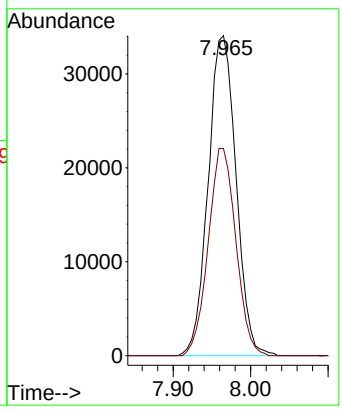
Tgt Ion: 83 Resp: 8538

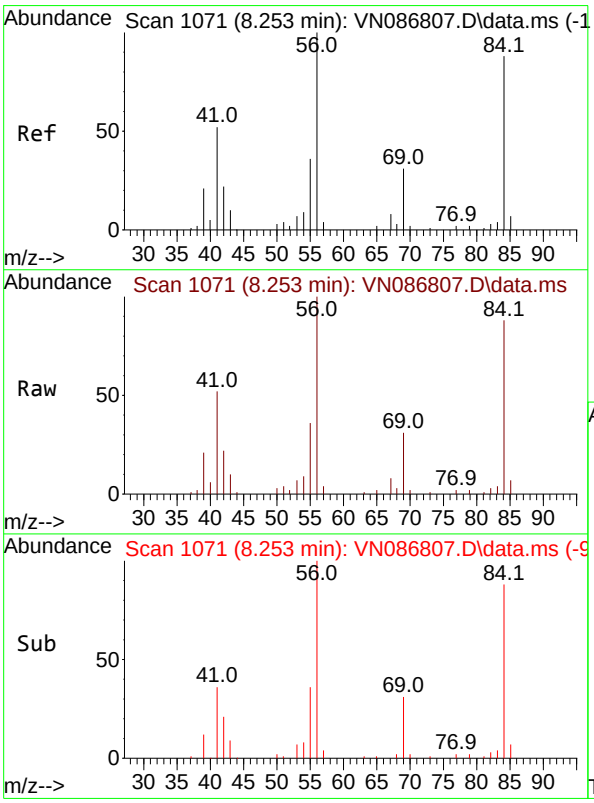
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

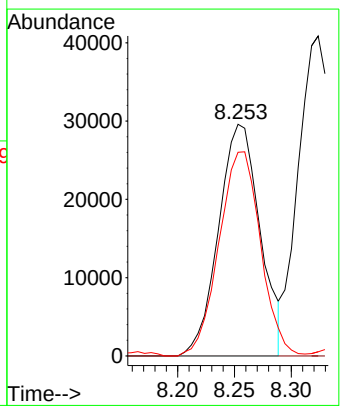


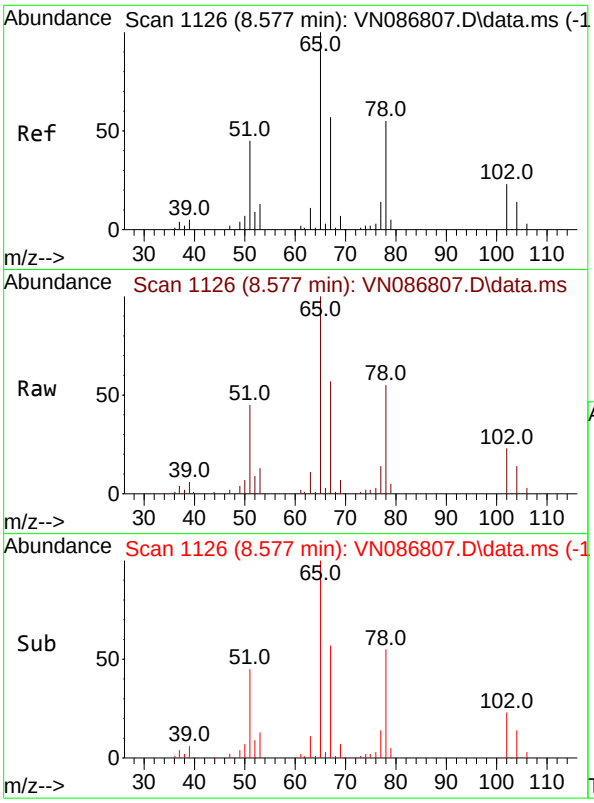


#26
Cyclohexane
Concen: 20.148 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 56 Resp: 75338

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	88.0	70.4	105.6

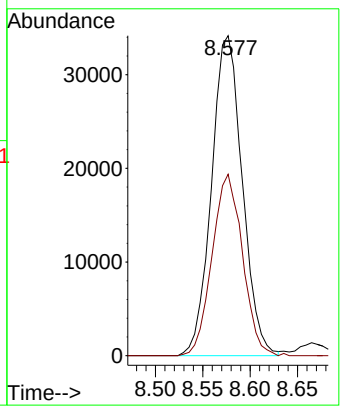




#27
1,2-Dichloroethane-d4
Concen: 30.297 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 65 Resp: 7722

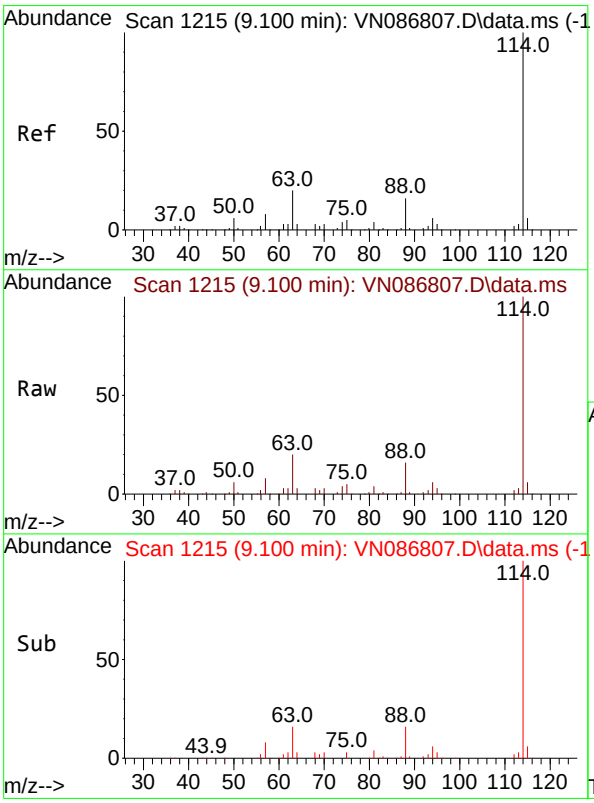
Ion	Ratio	Lower	Upper
65	100		
67	55.8	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

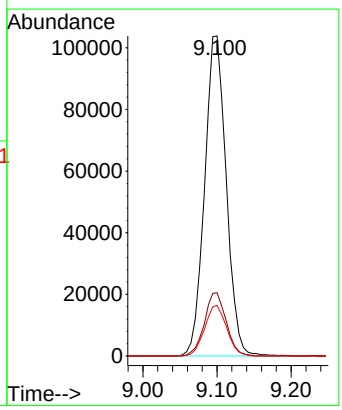
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

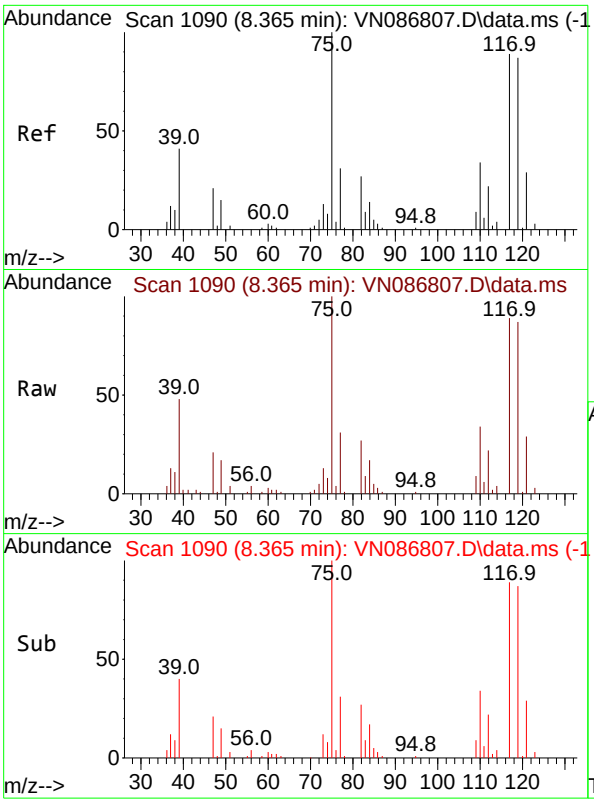


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:114 Resp: 210546

Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.8	23.8
88	16.1	12.9	19.3

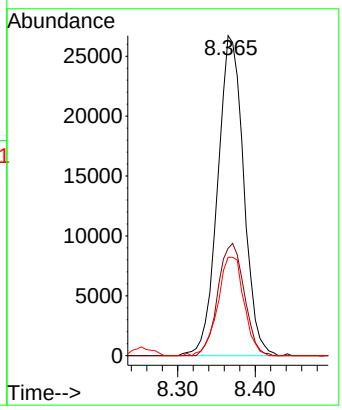




#29
1,1-Dichloropropene
Concen: 20.111 ug/l
RT: 8.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 6225

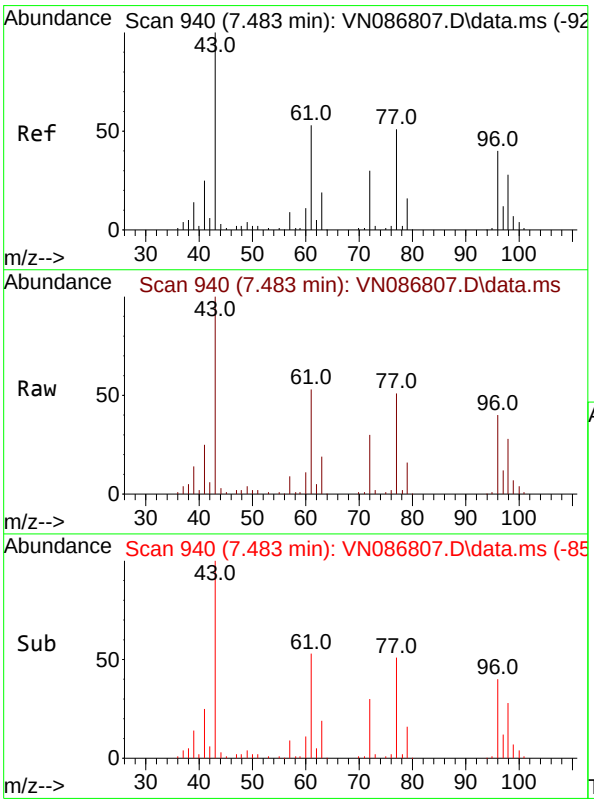
Ion	Ratio	Lower	Upper
75	100		
110	35.5	0.0	71.0
77	31.2	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

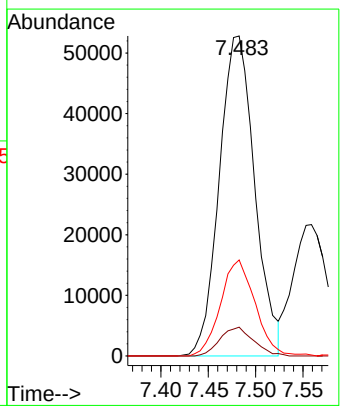
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

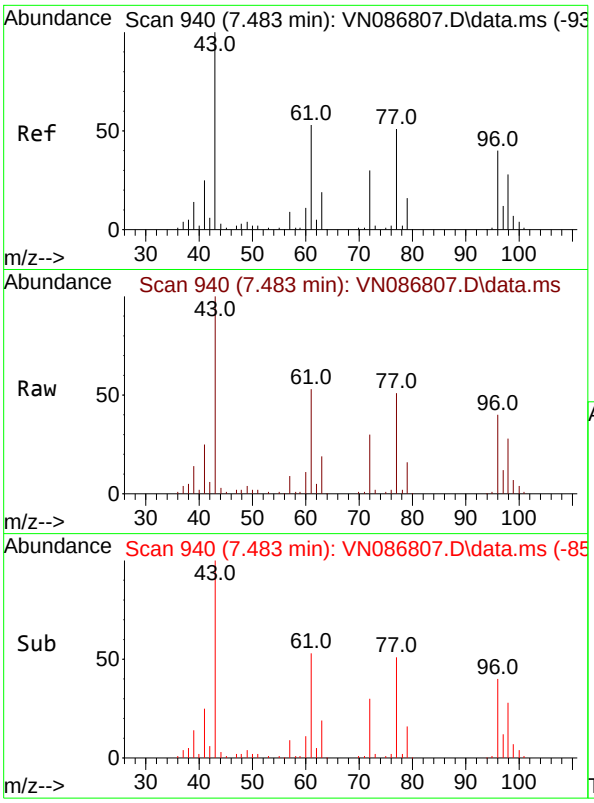


#30
2-Butanone
Concen: 101.467 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 137625

Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	29.2	23.4	35.0

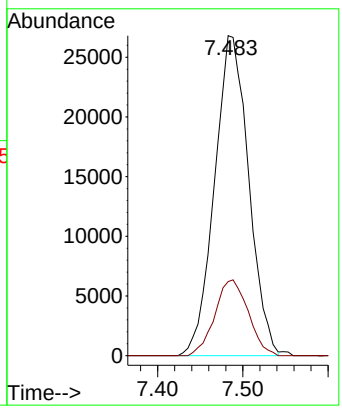




#31
2,2-Dichloropropane
Concen: 20.421 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 77 Resp: 7462

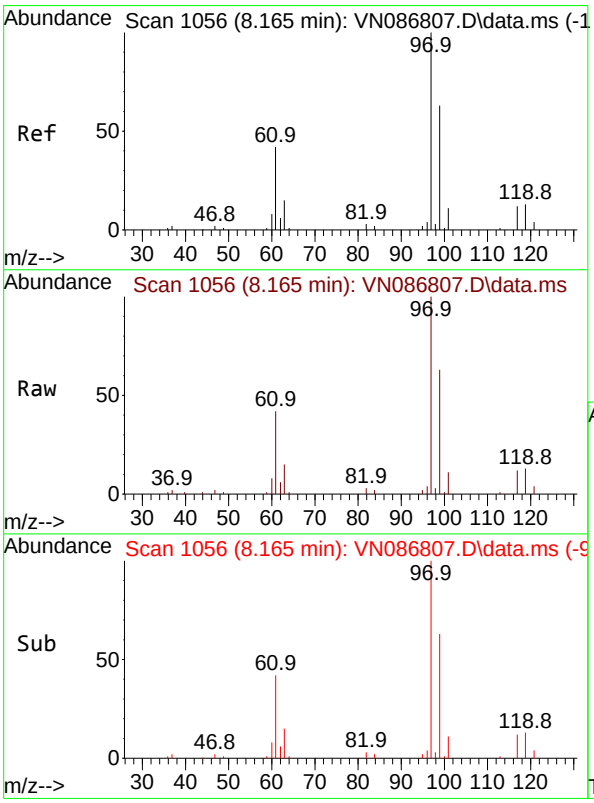
Ion	Ratio	Lower	Upper
77	100		
97	23.2	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

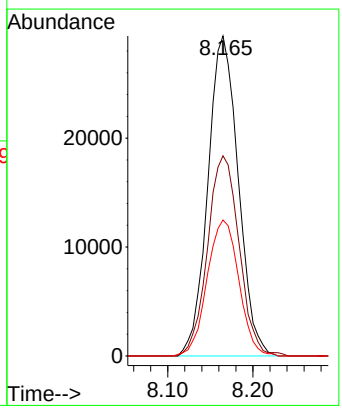
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

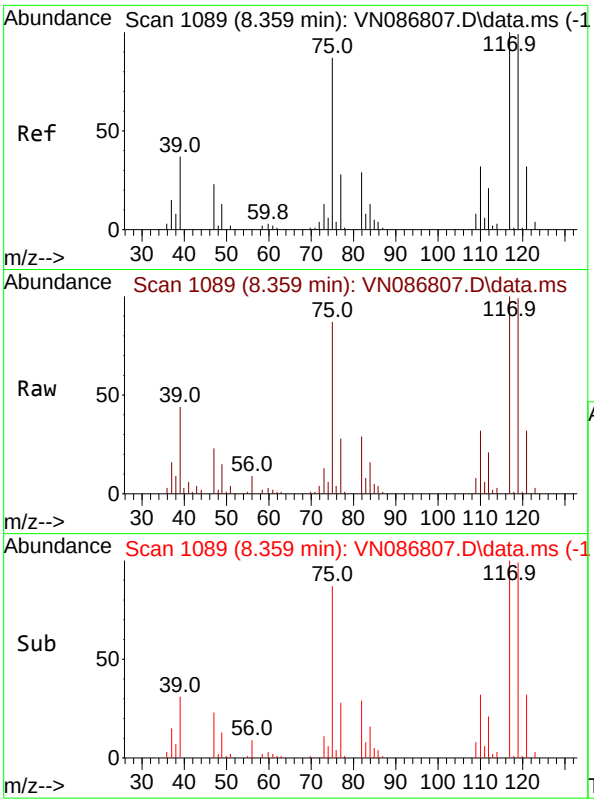


#32
1,1,1-Trichloroethane
Concen: 20.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 97 Resp: 72907

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.3	35.4	53.2

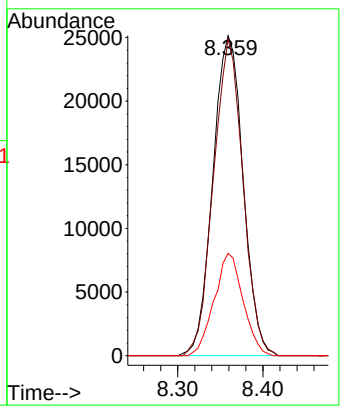




#33
Carbon Tetrachloride
Concen: 20.187 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 6192

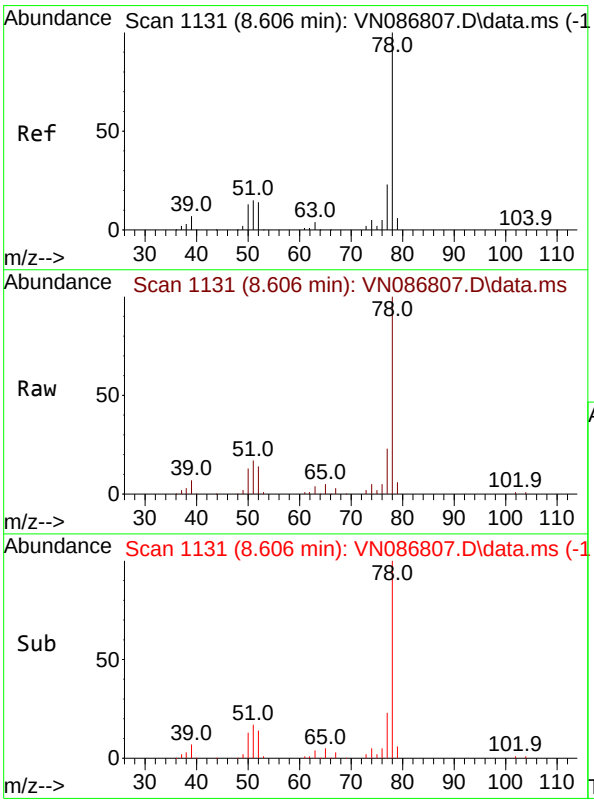
Ion	Ratio	Lower	Upper
117	100		
119	99.0	79.2	118.8
121	32.0	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

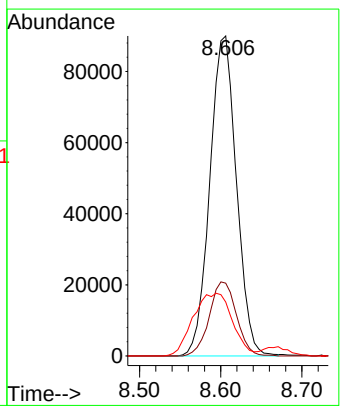
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

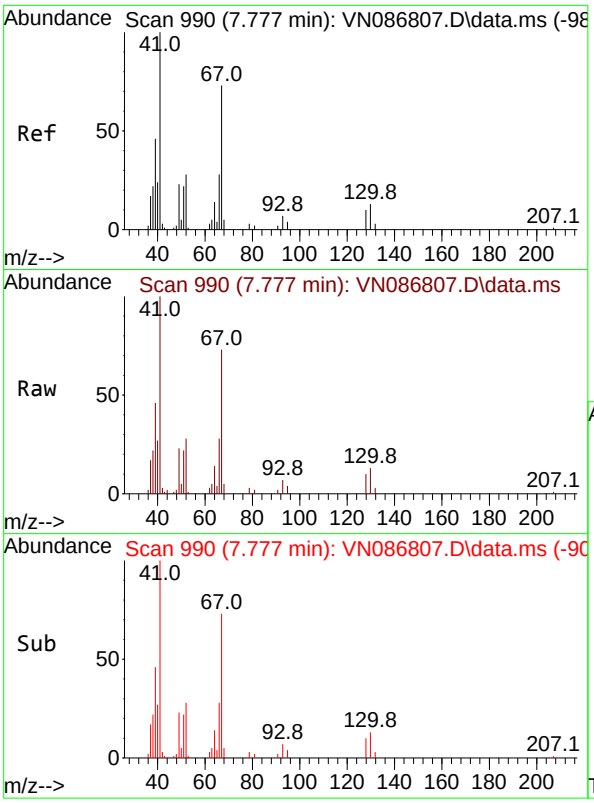


#34
Benzene
Concen: 20.364 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 78 Resp: 205111

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2
51	14.9	11.9	17.9

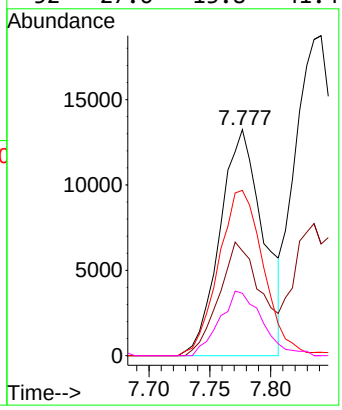




#35
Methacrylonitrile
Concen: 21.016 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 3274

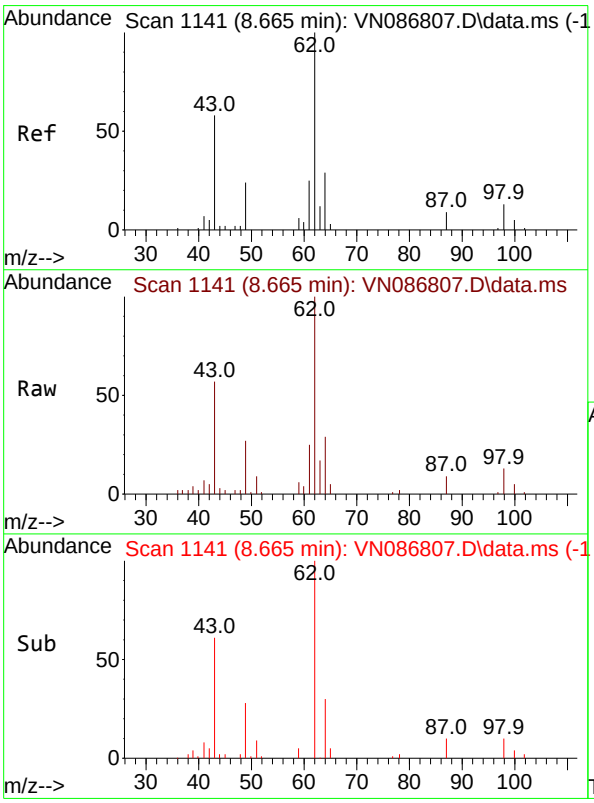
Ion	Ratio	Lower	Upper
41	100		
39	46.4	23.2	69.6
67	73.1	36.5	109.7
52	27.6	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

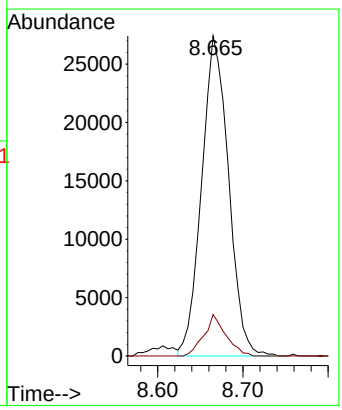
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

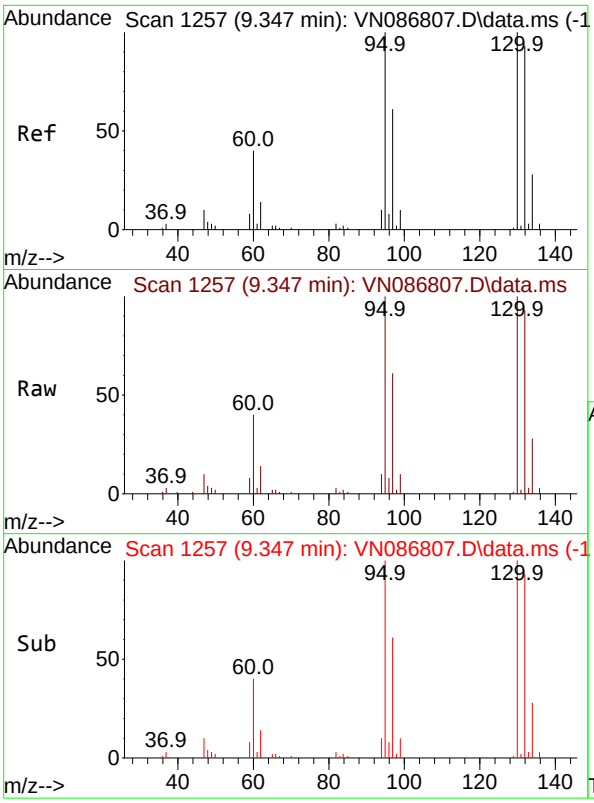


#36
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 62 Resp: 60188

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.5	12.7

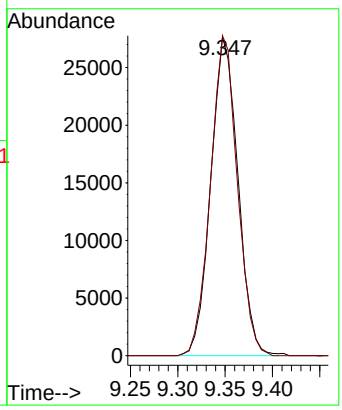




#37
Trichloroethene
Concen: 19.725 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:130 Resp: 5511

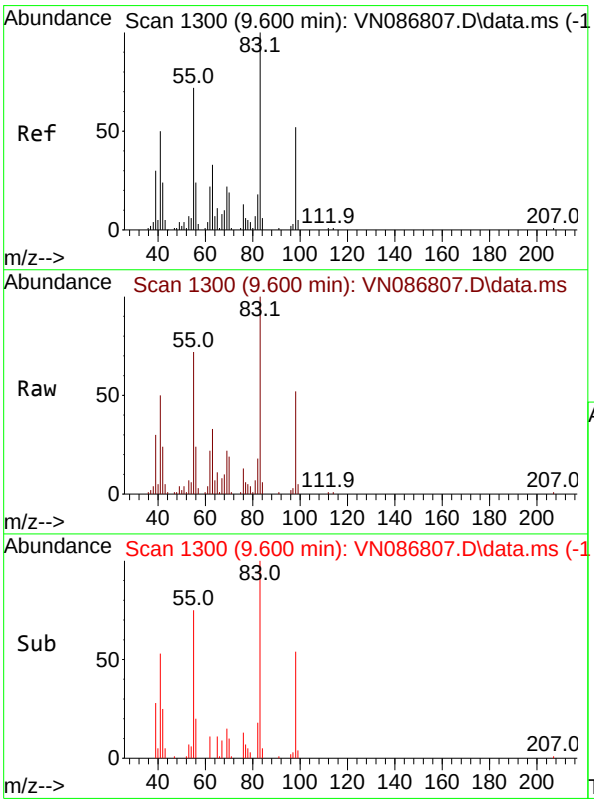
Ion	Ratio	Lower	Upper
130	100		
95	100.4	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

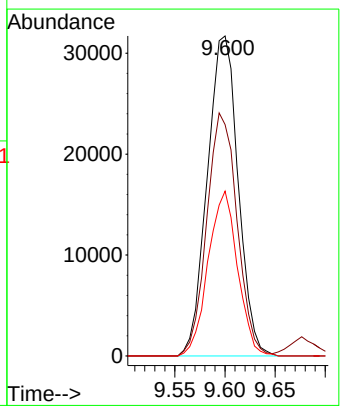
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

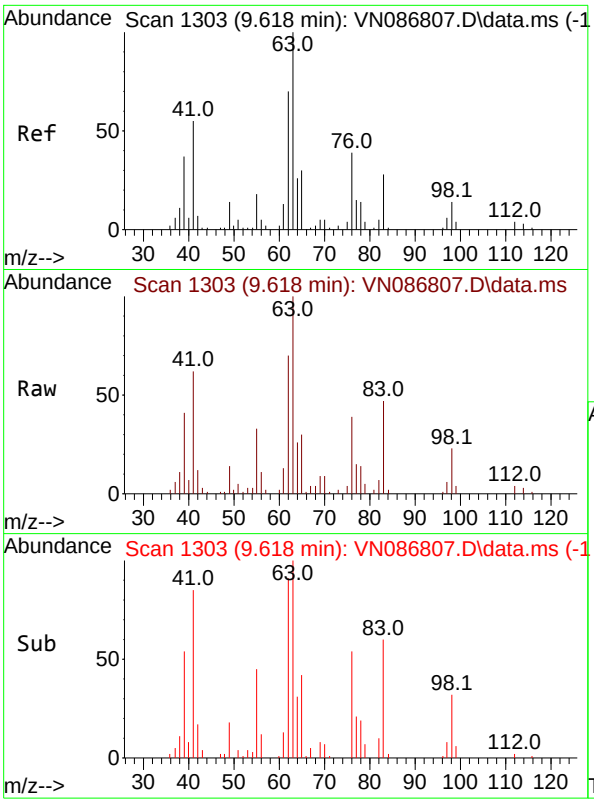


#38
Methylcyclohexane
Concen: 19.787 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 83 Resp: 67964

Ion	Ratio	Lower	Upper
83	100		
55	74.7	37.4	112.1
98	49.1	24.6	73.6

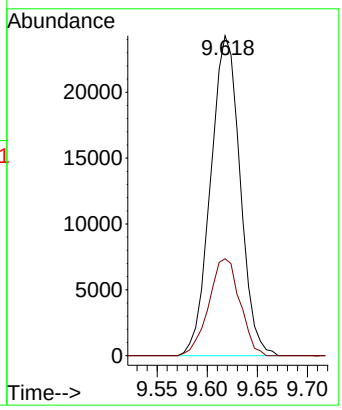




#39
1,2-Dichloropropane
Concen: 20.472 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 63 Resp: 4964

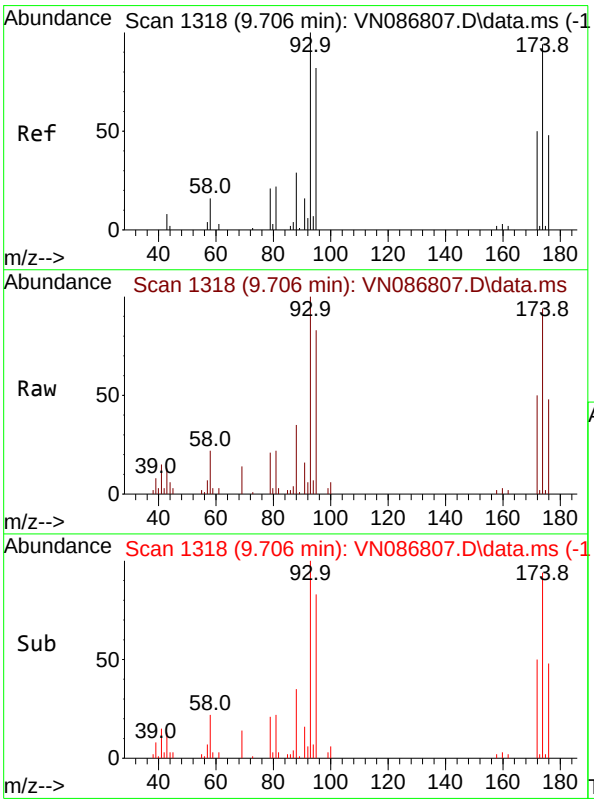
Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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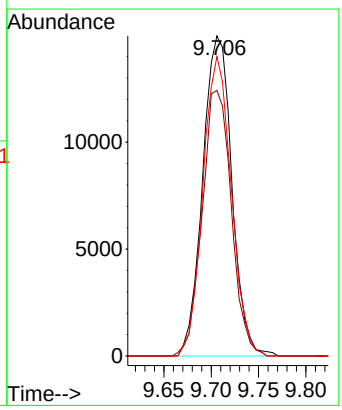
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

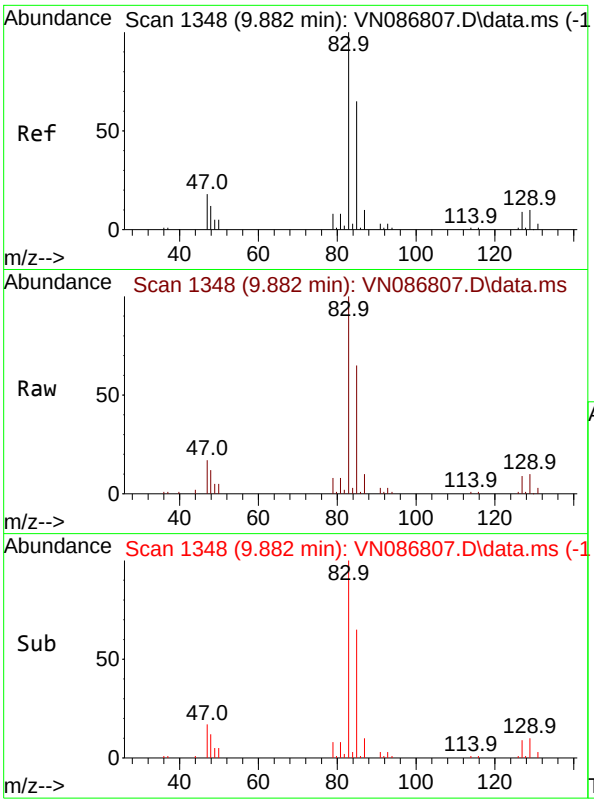


#40
Dibromomethane
Concen: 20.198 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 93 Resp: 32035

Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	166.4
174	90.9	0.0	181.8

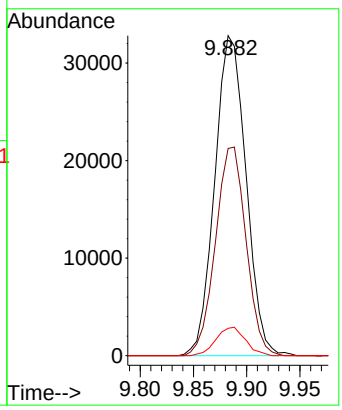




#41
Bromodichloromethane
Concen: 20.146 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 83 Resp: 6688

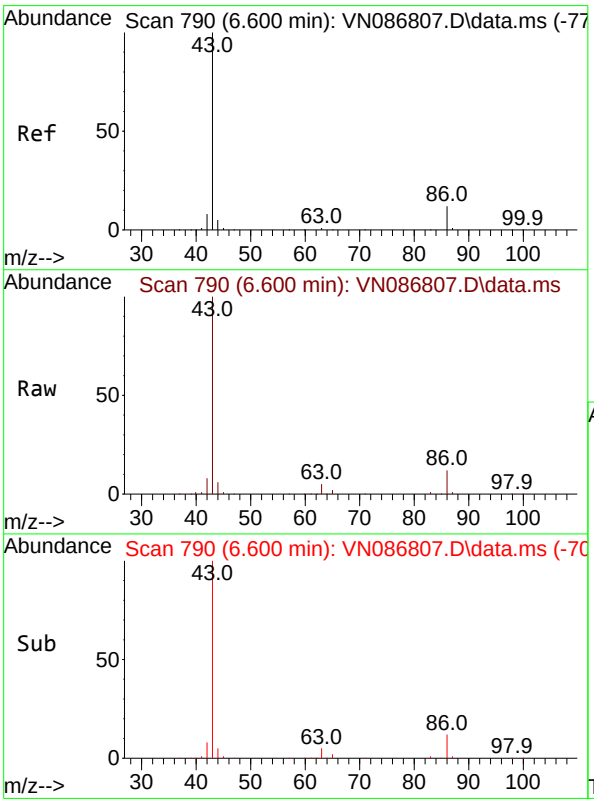
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.5	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

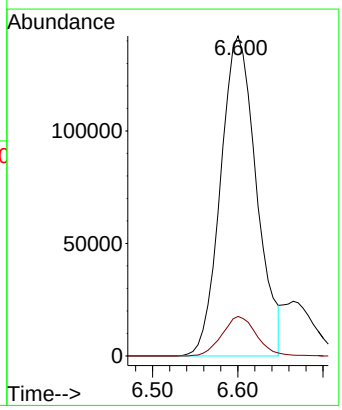
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

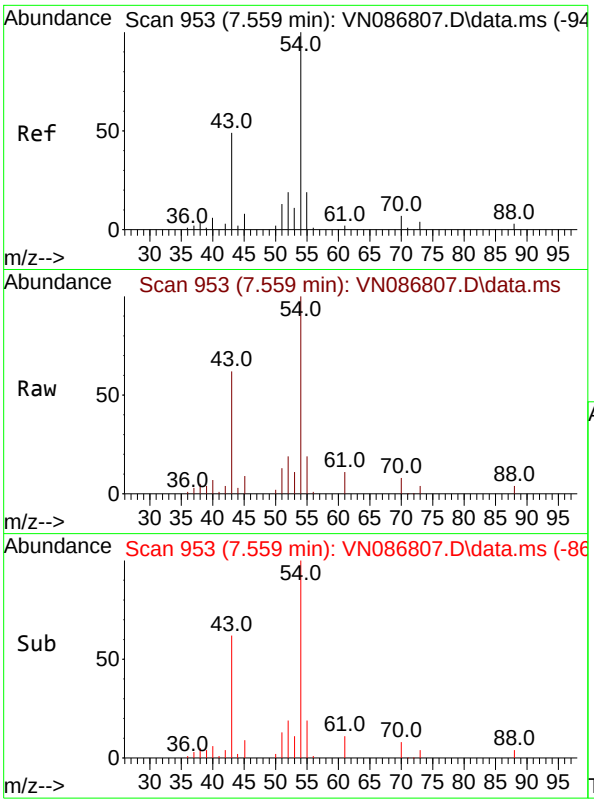


#42
Vinyl Acetate
Concen: 105.128 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 415639

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.5	14.3





#43
Ethyl Acetate
Concen: 20.995 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

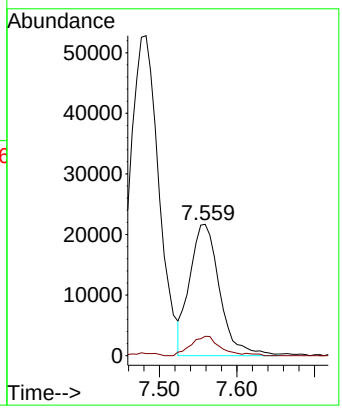
Tgt Ion: 43 Resp: 5827

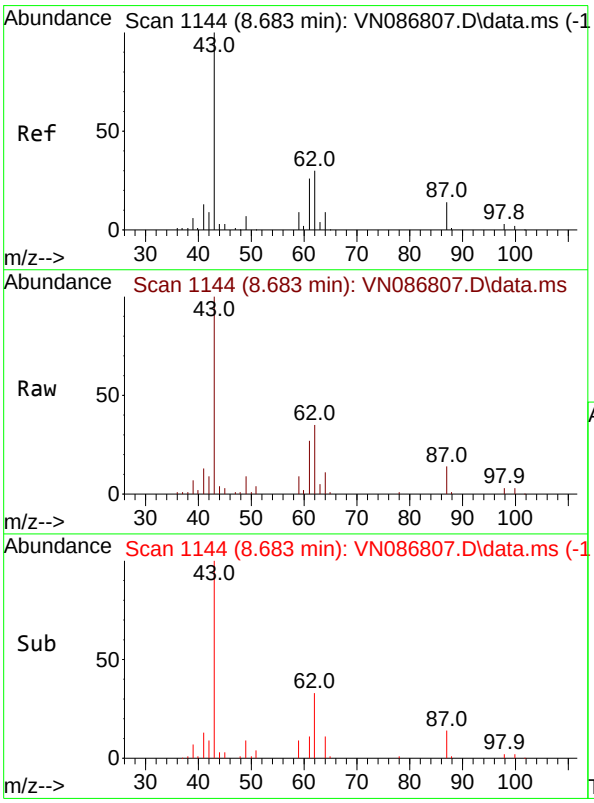
Ion	Ratio	Lower	Upper
43	100		
45	13.9	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

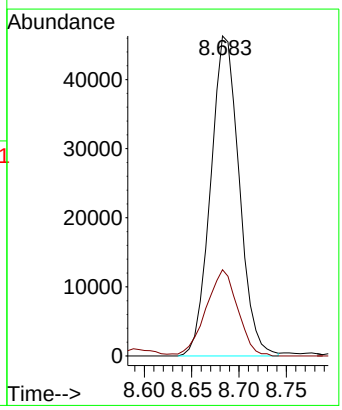


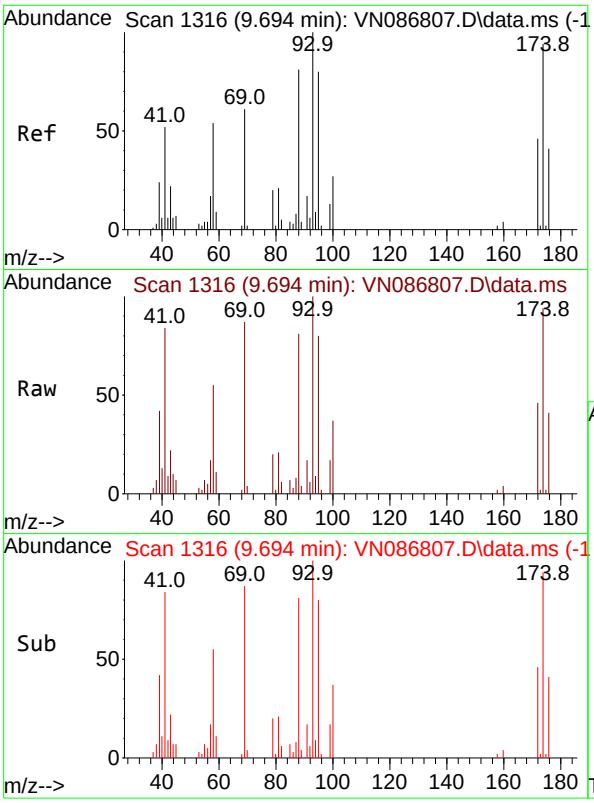


#44
Isopropyl Acetate
Concen: 20.454 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 97384

Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6





#45
1,4-Dioxane
Concen: 413.686 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

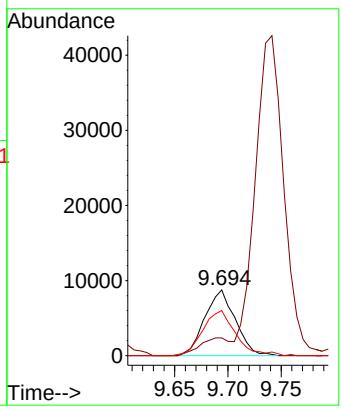
Tgt Ion: 88 Resp: 1750

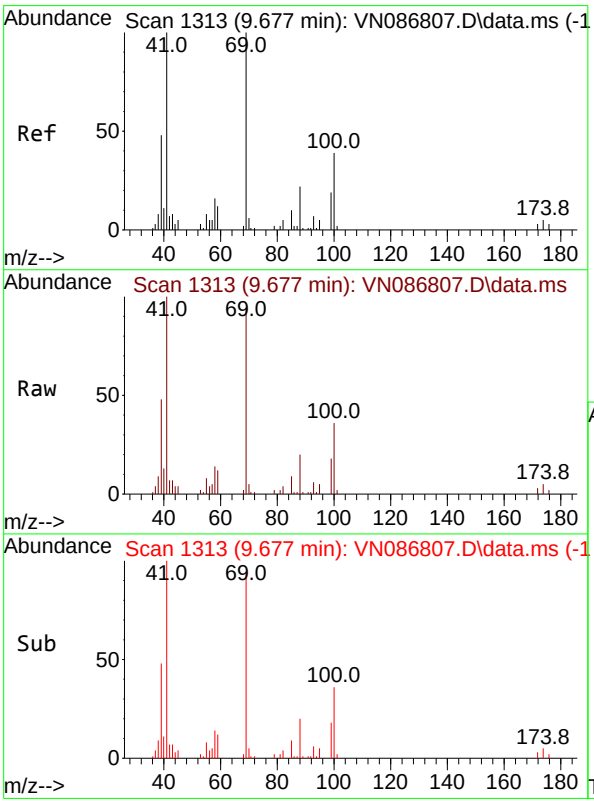
Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	72.0	57.6	86.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

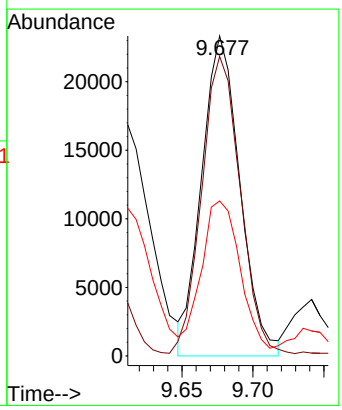


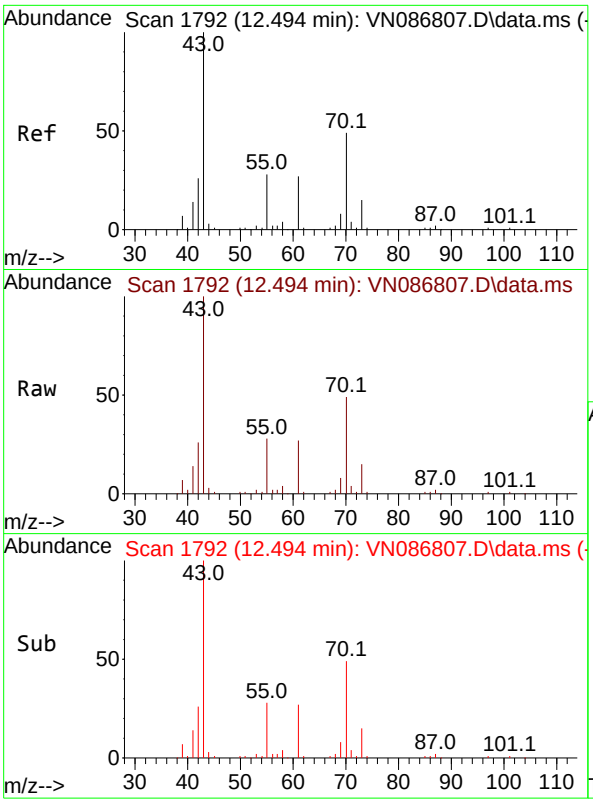


#46
Methyl methacrylate
Concen: 19.916 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 43721

Ion	Ratio	Lower	Upper
41	100		
69	96.1	48.0	144.2
39	47.5	23.8	71.2

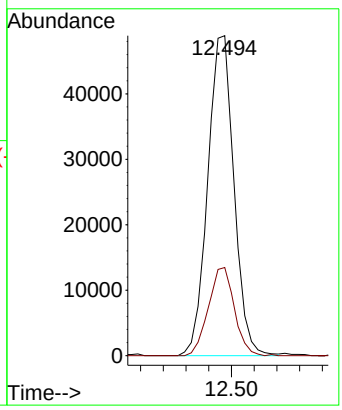




#47
n-amyl Acetate
Concen: 20.535 ug/l
RT: 12.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 7848

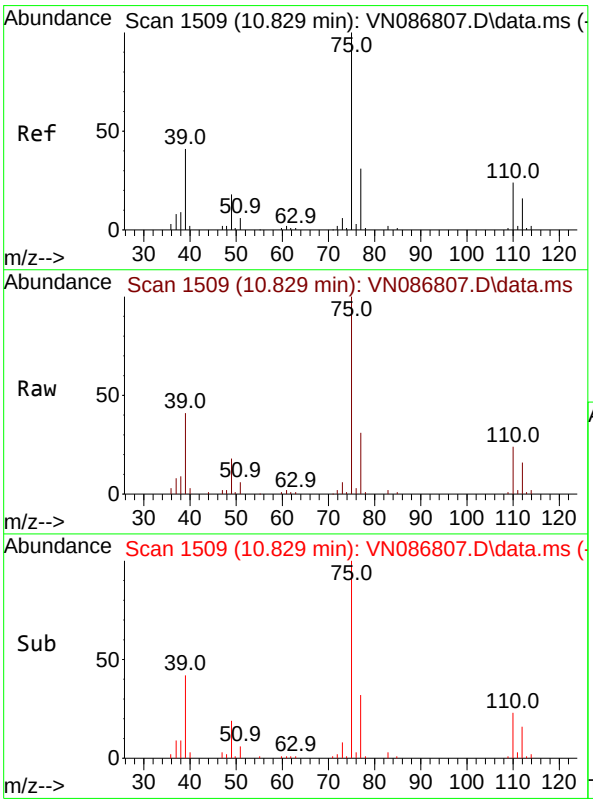
Ion	Ratio	Lower	Upper
43	100		
55	27.1	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

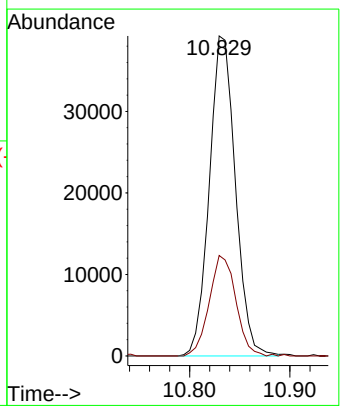
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

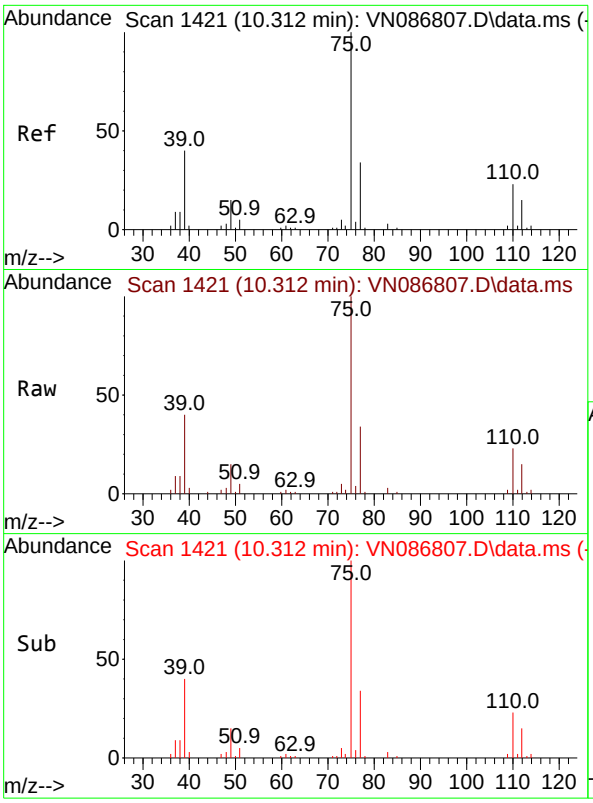


#48
t-1,3-Dichloropropene
Concen: 19.980 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 70982

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

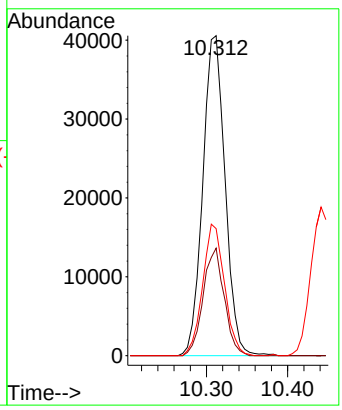




#49
cis-1,3-Dichloropropene
Concen: 19.827 ug/l
RT: 10.312 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 7747

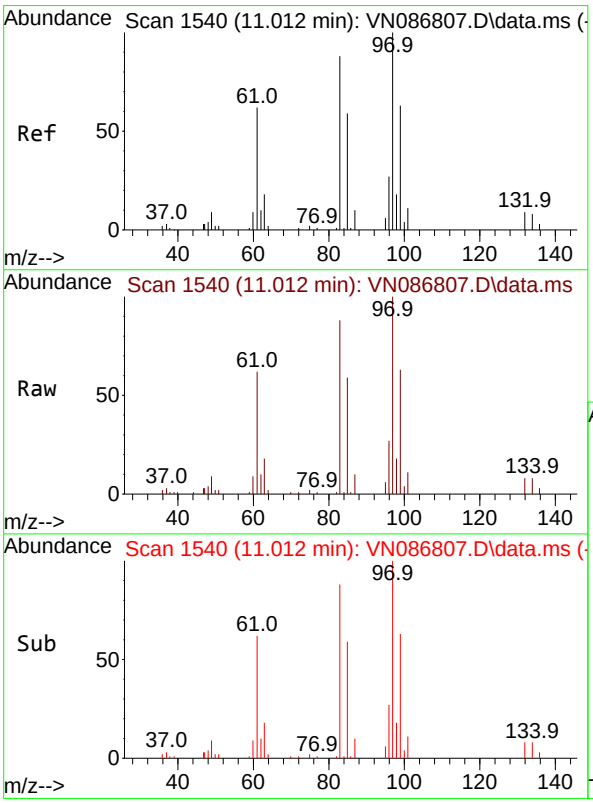
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.9	40.3
39	39.7	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

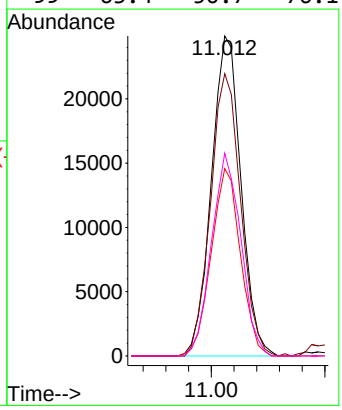
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

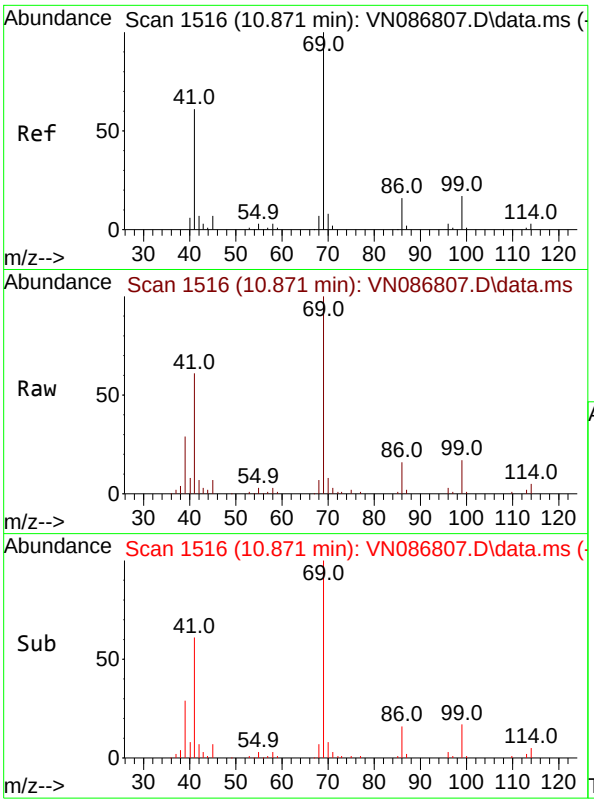


#50
1,1,2-Trichloroethane
Concen: 20.132 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 97 Resp: 44971

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	105.8
85	58.5	46.8	70.2
99	63.4	50.7	76.1

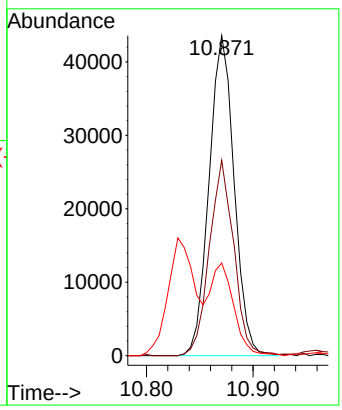




#51
Ethyl methacrylate
Concen: 19.696 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 69 Resp: 7125

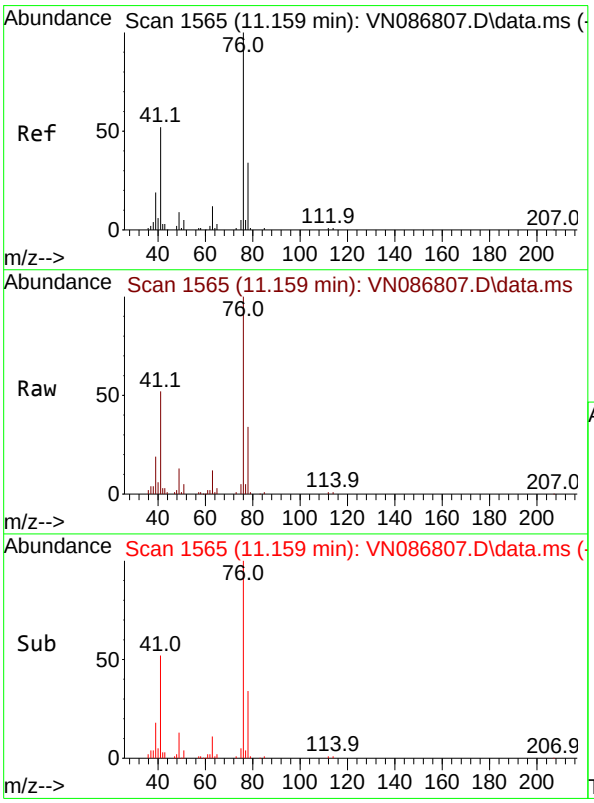
Ion	Ratio	Lower	Upper
69	100		
41	61.0	30.5	91.5
39	28.6	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

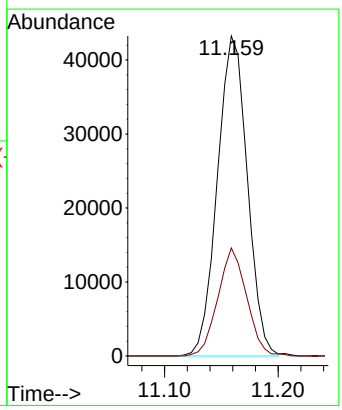
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

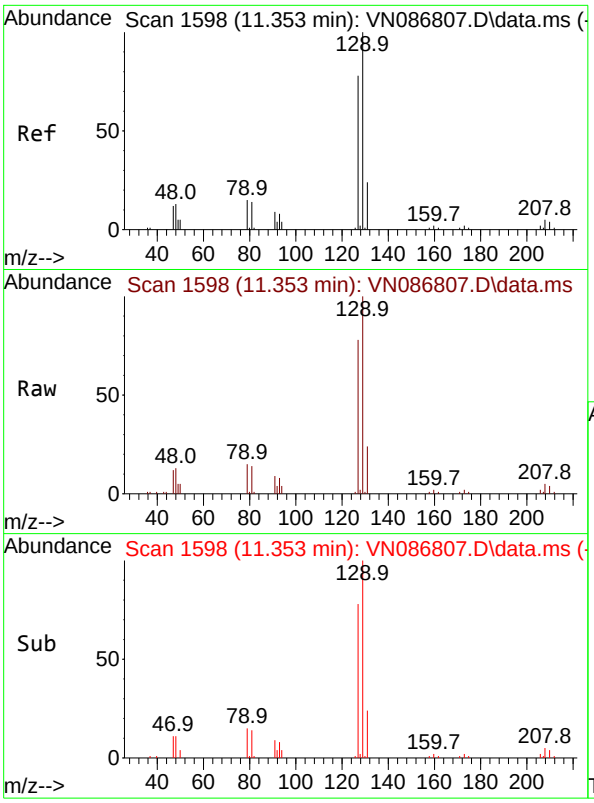


#52
1,3-Dichloropropane
Concen: 19.972 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 76 Resp: 79173

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6

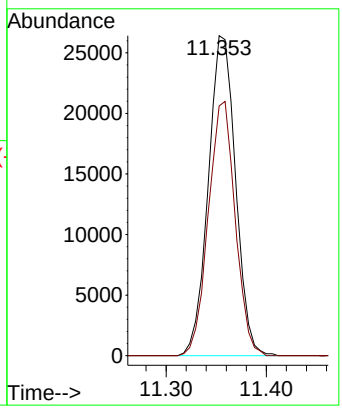




#53
Dibromochloromethane
Concen: 19.788 ug/l
RT: 11.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:129 Resp: 4995

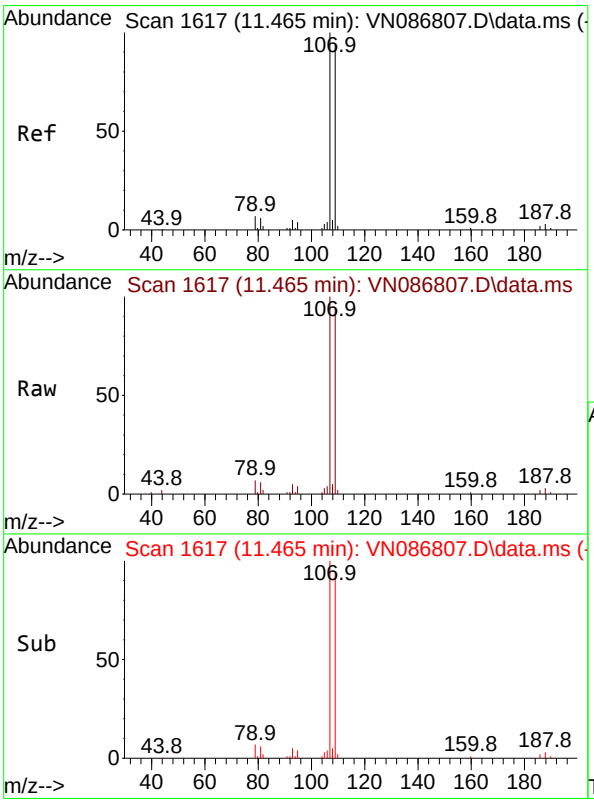
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

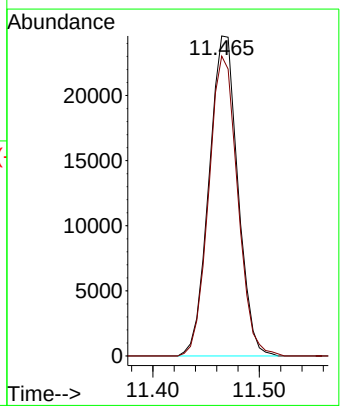
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

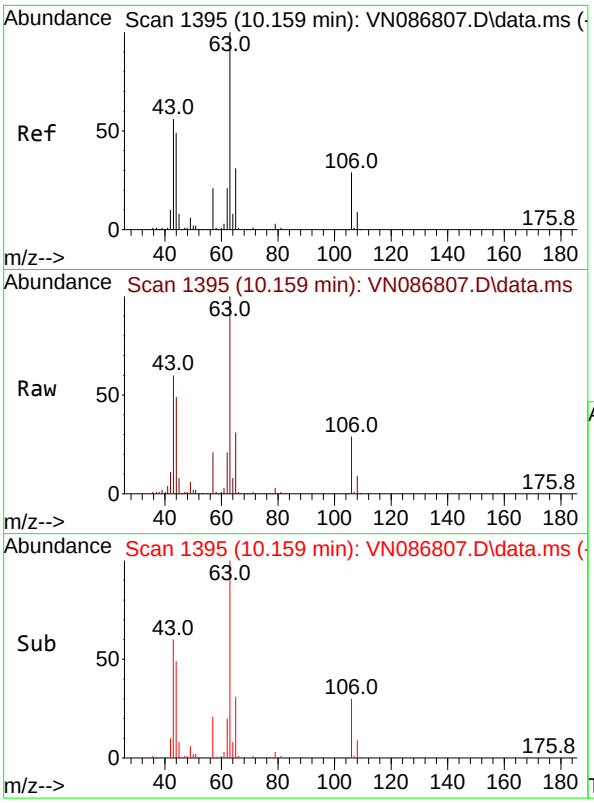


#54
1,2-Dibromoethane
Concen: 20.215 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:107 Resp: 46157

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6





#55
2-Chloroethyl vinyl ether
Concen: 96.419 ug/l
RT: 10.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

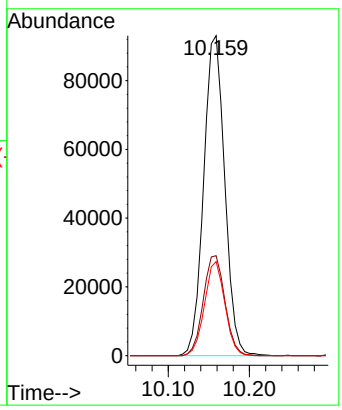
Tgt Ion: 63 Resp: 16743

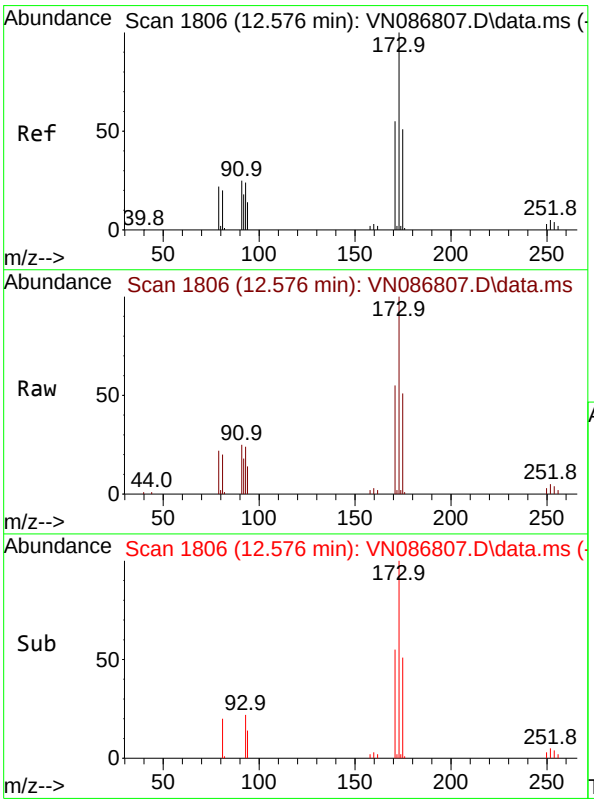
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	28.4	22.7	34.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

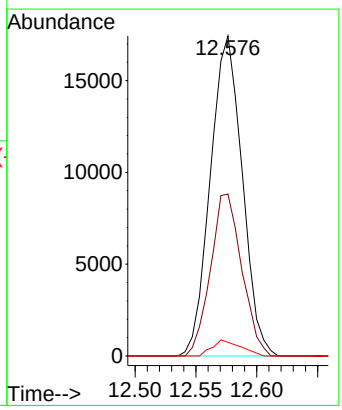


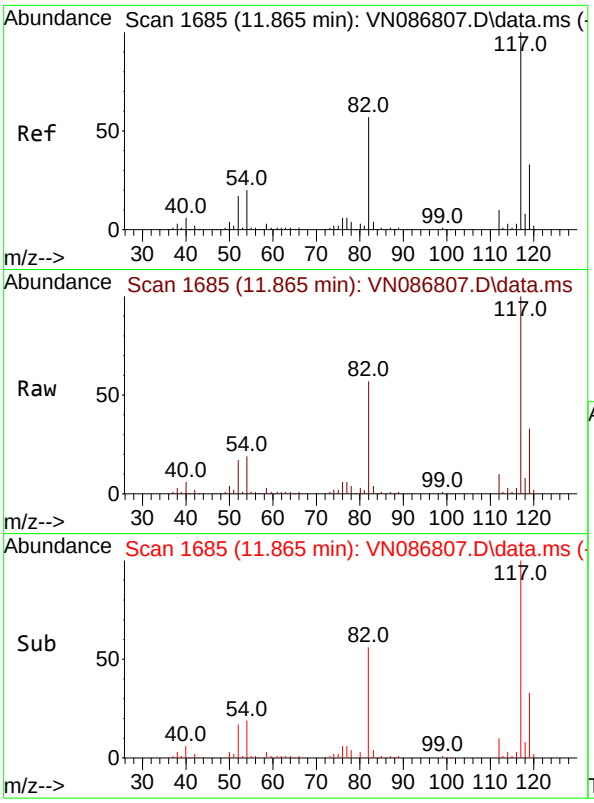


#56
Bromoform
Concen: 19.987 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:173 Resp: 31789

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
254	4.4	3.5	5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

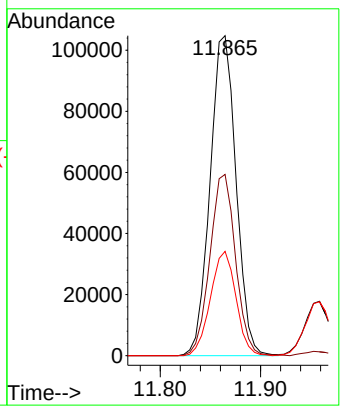
Tgt Ion:117 Resp: 189009

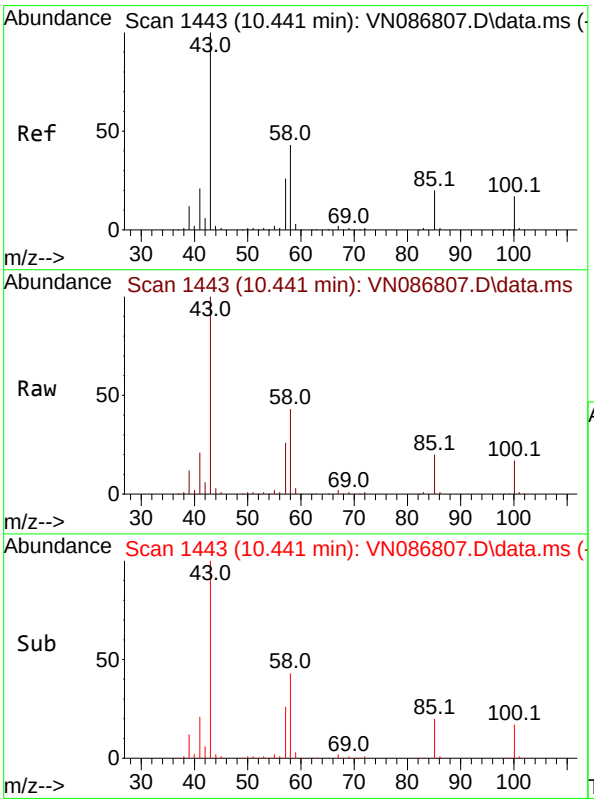
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	32.0	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

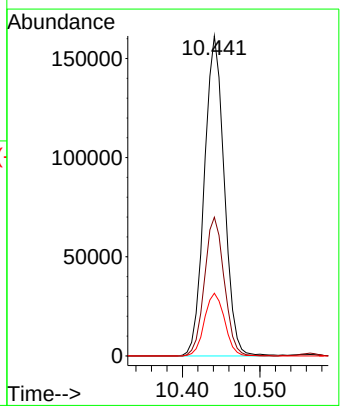


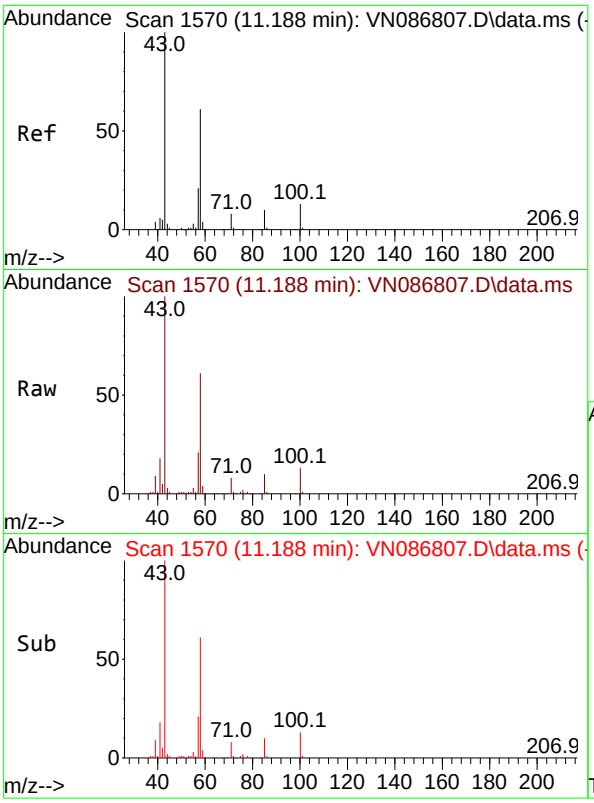


#58
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 287881

Ion	Ratio	Lower	Upper
43	100		
58	43.1	34.5	51.7
85	19.8	15.8	23.8





#59
2-Hexanone
Concen: 102.323 ug/l
RT: 11.188 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

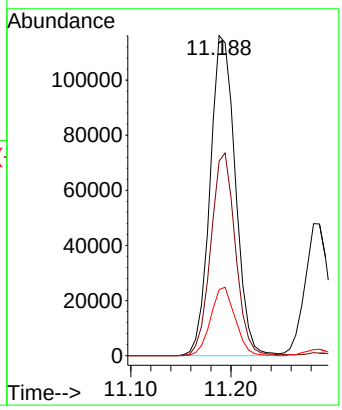
Tgt Ion: 43 Resp: 20327

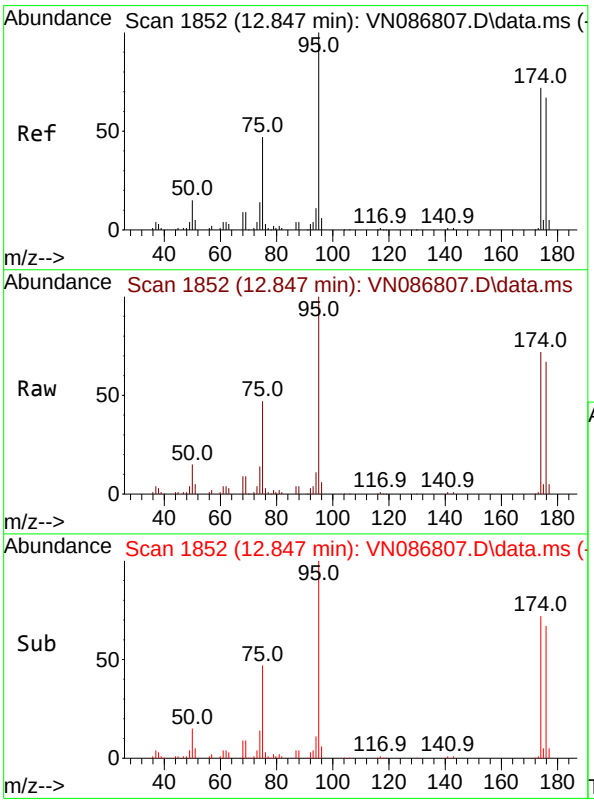
Ion	Ratio	Lower	Upper
43	100		
58	61.4	49.1	73.7
57	20.8	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

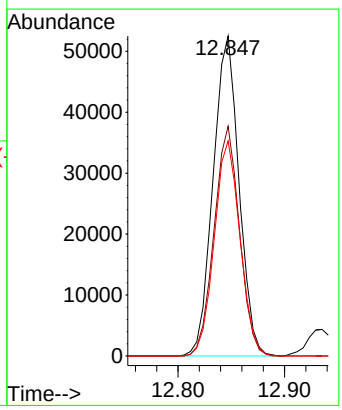


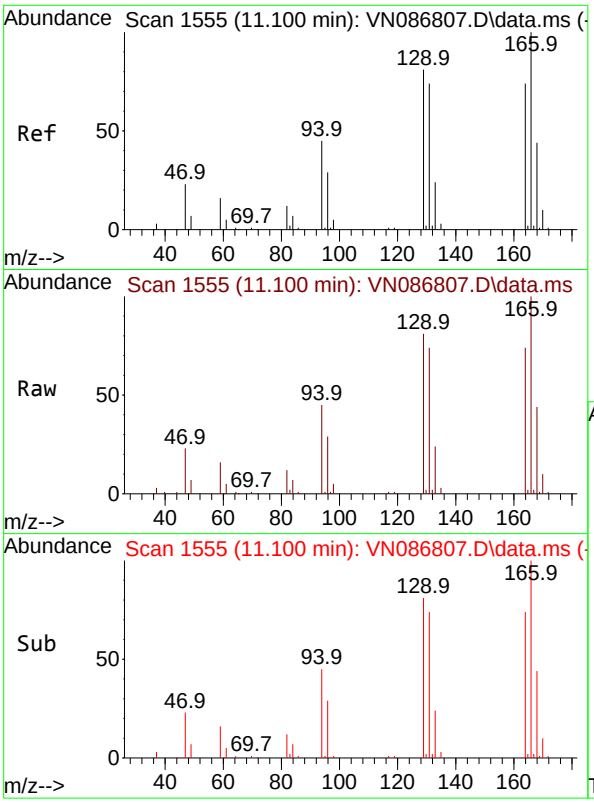


#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 95 Resp: 88476

Ion	Ratio	Lower	Upper
95	100		
174	70.3	56.2	84.4
176	66.7	53.4	80.0

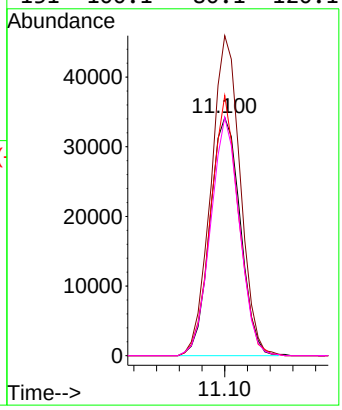




#61
Tetrachloroethene
Concen: 19.931 ug/l
RT: 11.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:164 Resp: 6332

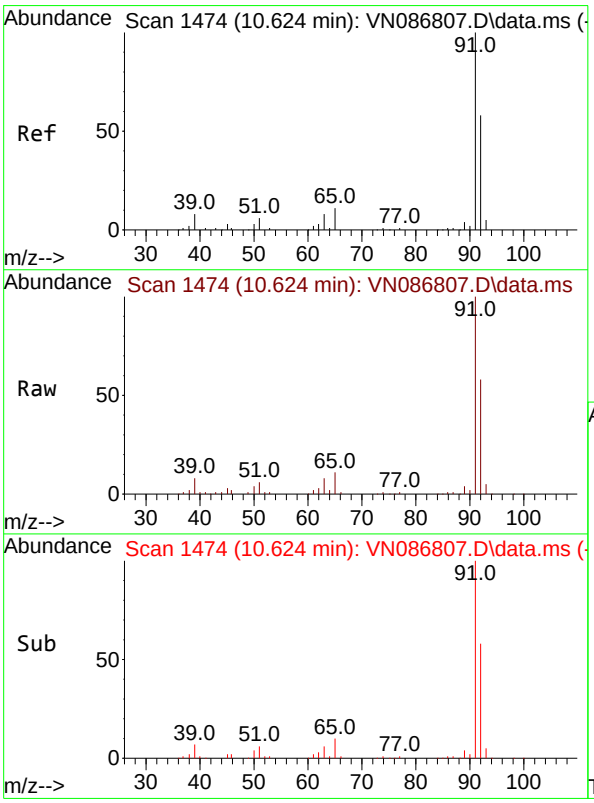
Ion	Ratio	Lower	Upper
164	100		
166	134.4	107.5	161.3
129	109.3	87.4	131.2
131	100.1	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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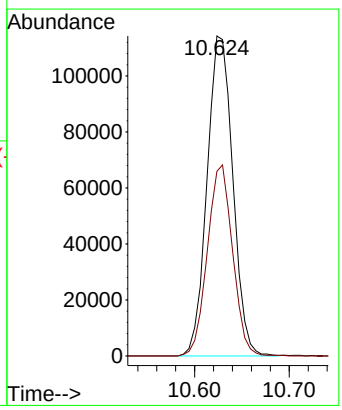
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

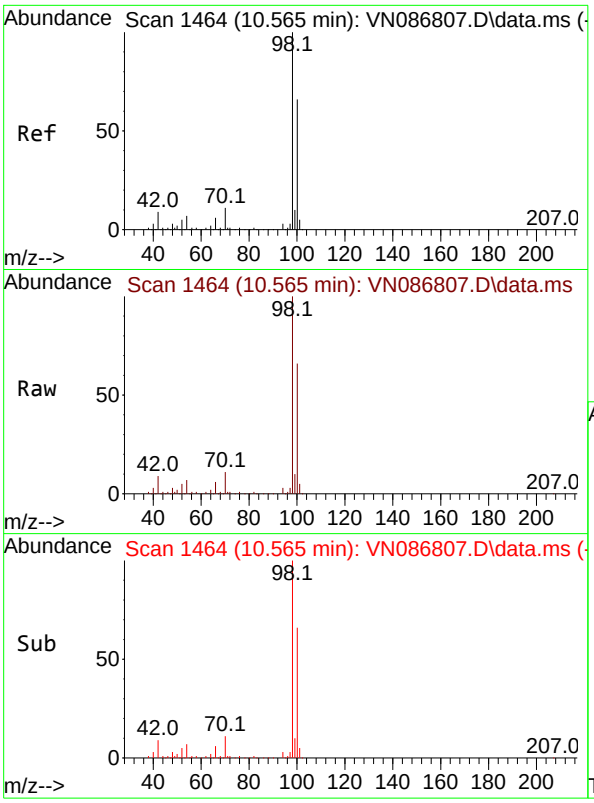


#62
Toluene
Concen: 20.325 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 216360

Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	70.0

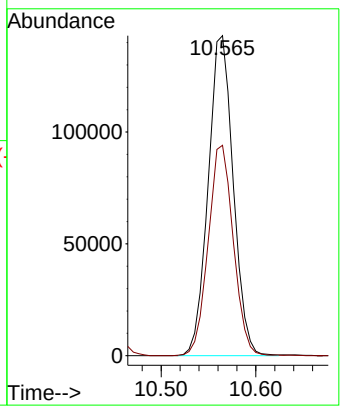




#63
Toluene-d8
Concen: 30.321 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 98 Resp: 26304

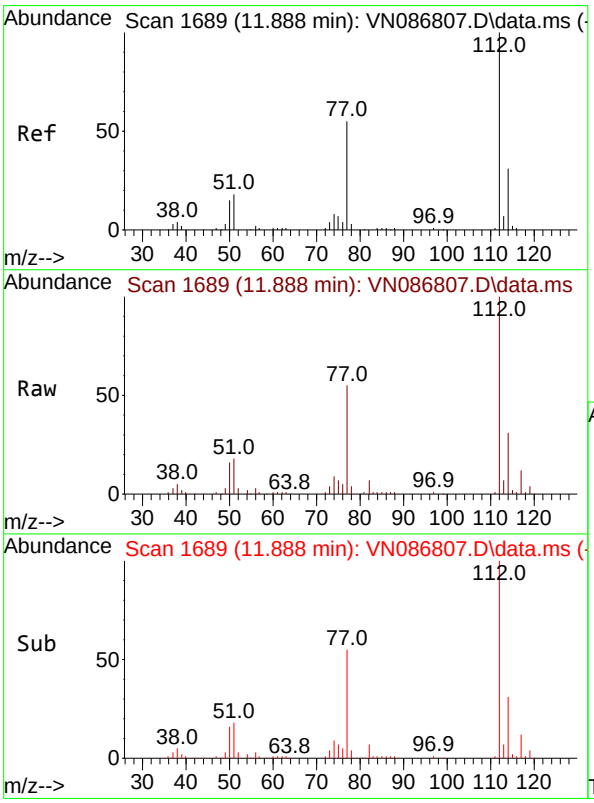
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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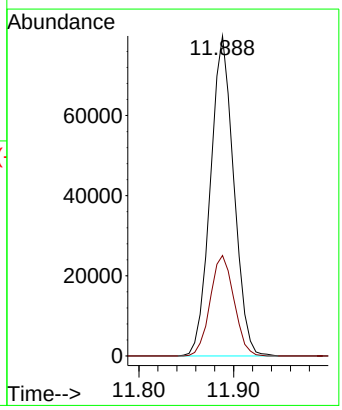
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

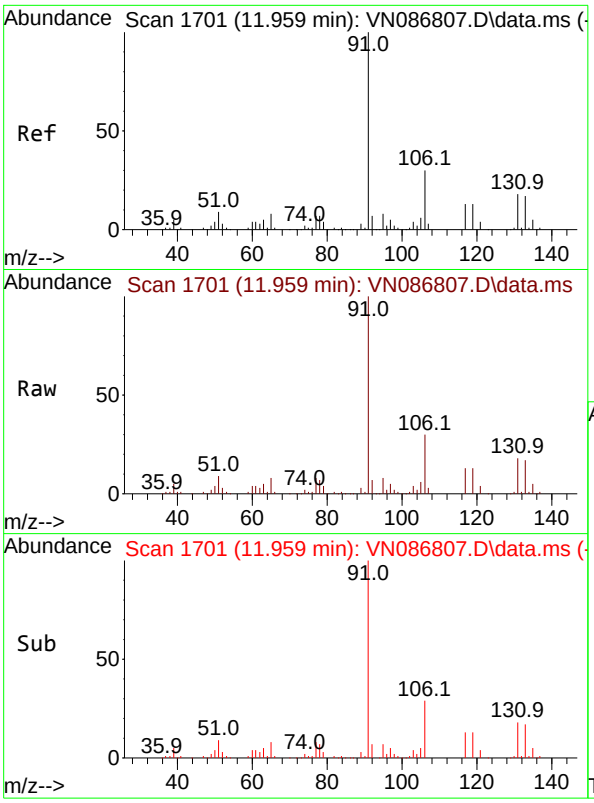


#64
Chlorobenzene
Concen: 20.126 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:112 Resp: 136627

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.866 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

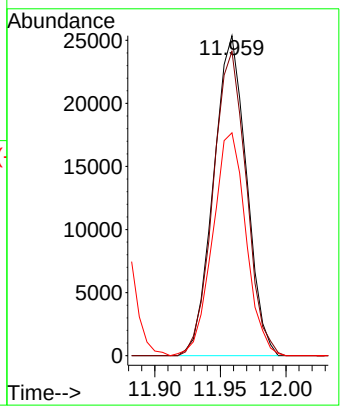
Tgt Ion:131 Resp: 4430

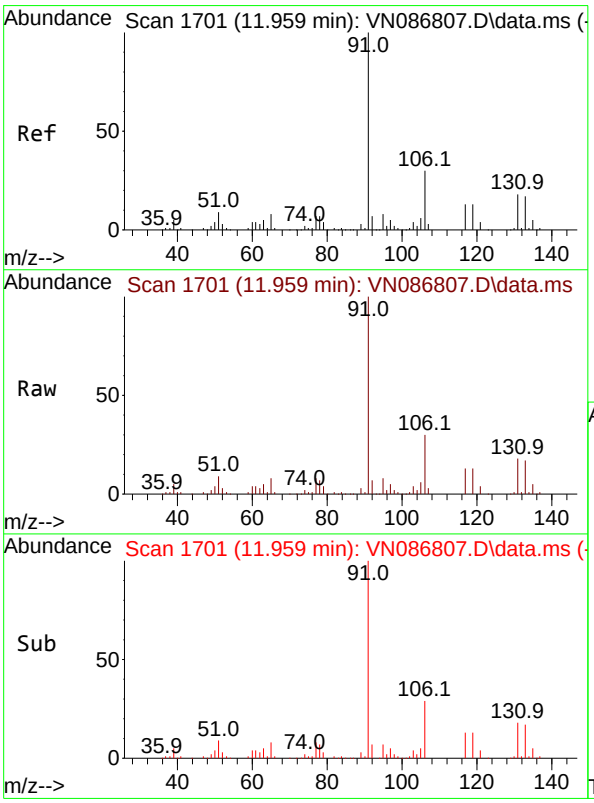
Ion	Ratio	Lower	Upper
131	100		
133	95.5	0.0	191.0
119	70.4	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

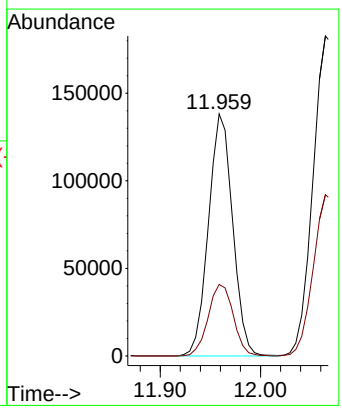


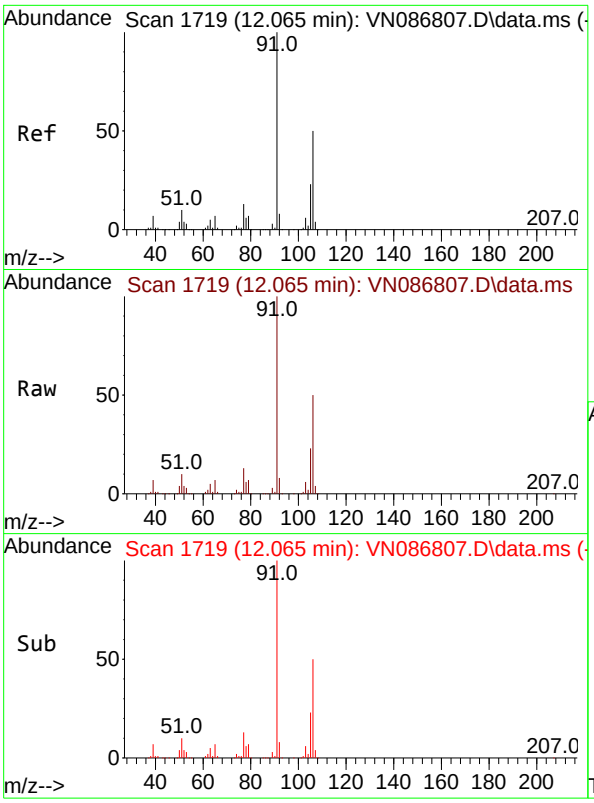


#66
Ethyl Benzene
Concen: 20.088 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 231289

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.6	35.4





#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

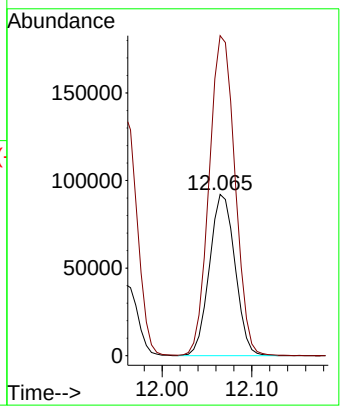
Tgt Ion:106 Resp: 18217

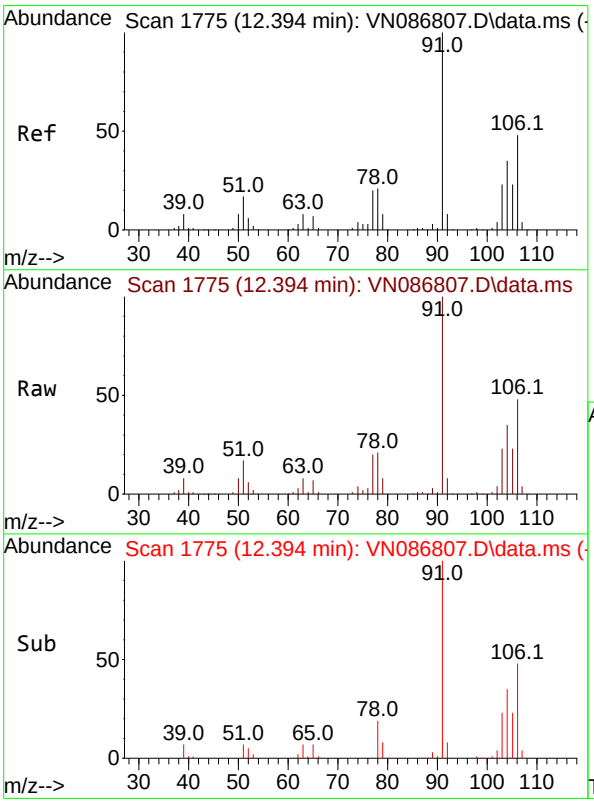
Ion	Ratio	Lower	Upper
106	100		
91	200.9	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

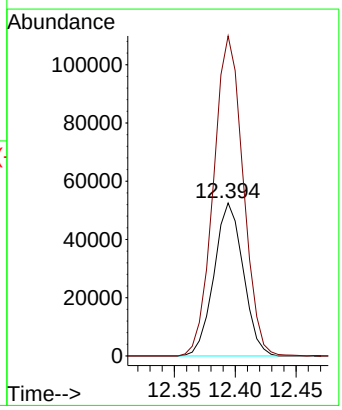


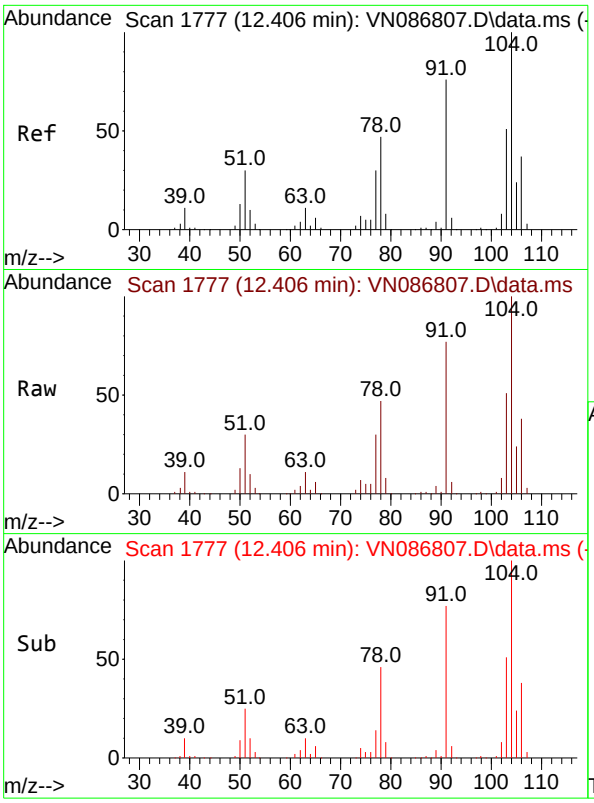


#68
o-Xylene
Concen: 20.011 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:106 Resp: 87623

Ion	Ratio	Lower	Upper
106	100		
91	212.6	106.3	318.9

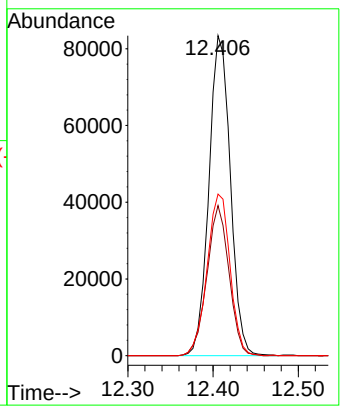




#69
Styrene
Concen: 20.007 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:104 Resp: 14595

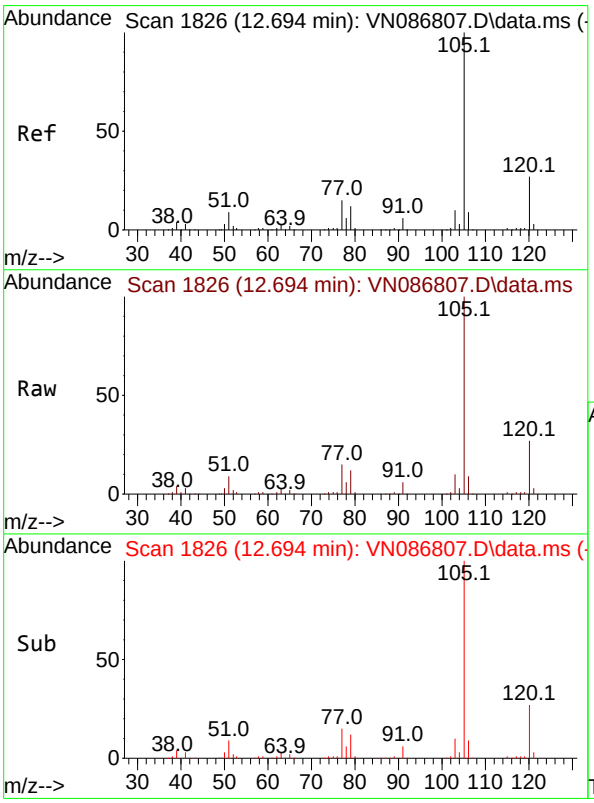
Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.6	57.8
103	54.0	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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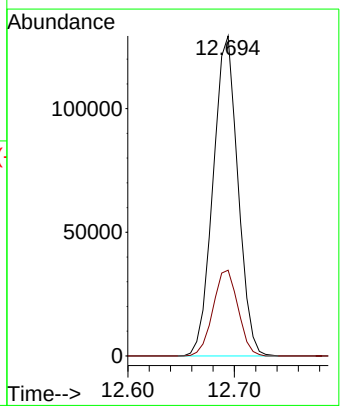
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

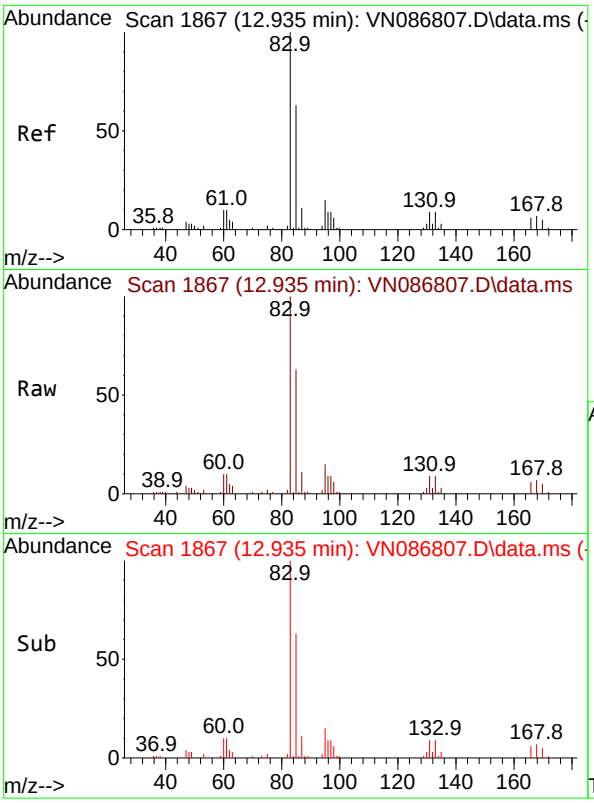


#70
Isopropylbenzene
Concen: 20.086 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 209188

Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.847 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

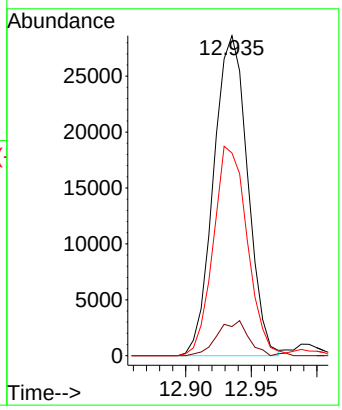
Tgt Ion: 83 Resp: 5162

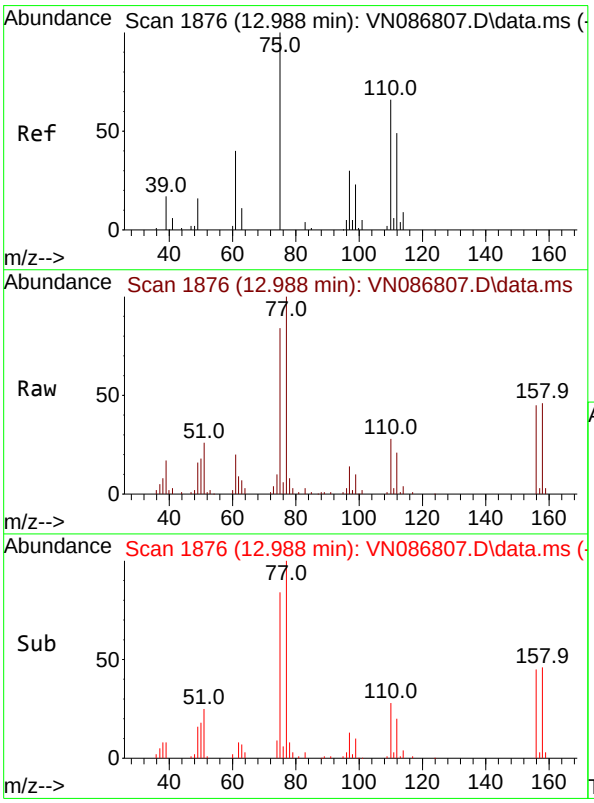
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	65.1	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

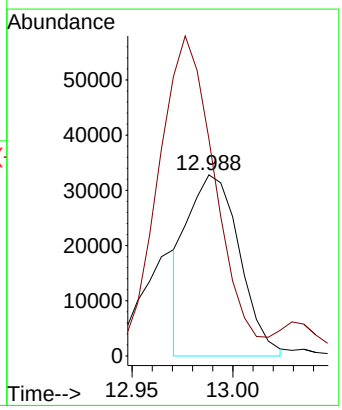


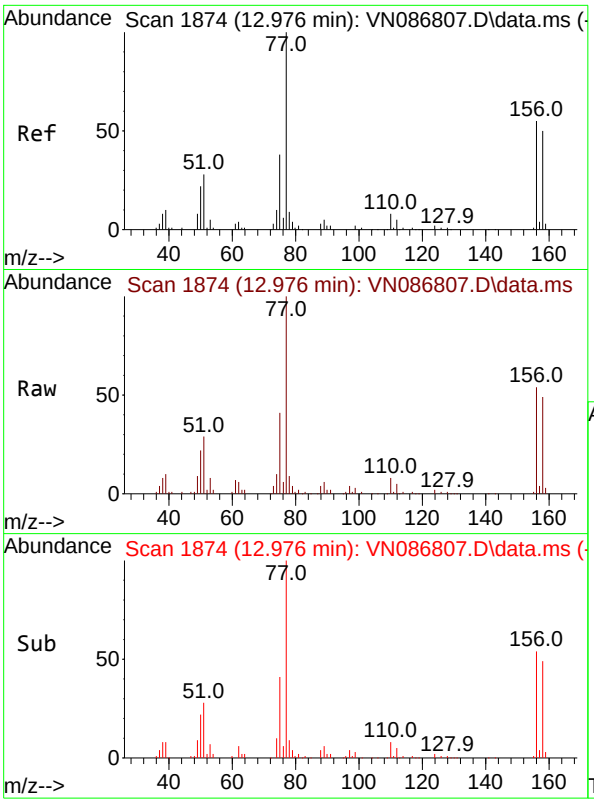


#72
1,2,3-Trichloropropane
Concen: 19.320 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 58937

Ion	Ratio	Lower	Upper
75	100		
77	195.3	0.0	390.6

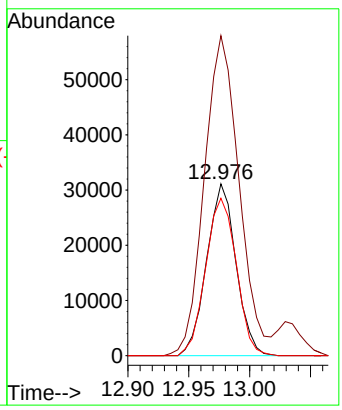




#73
Bromobenzene
Concen: 20.123 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:156 Resp: 5209

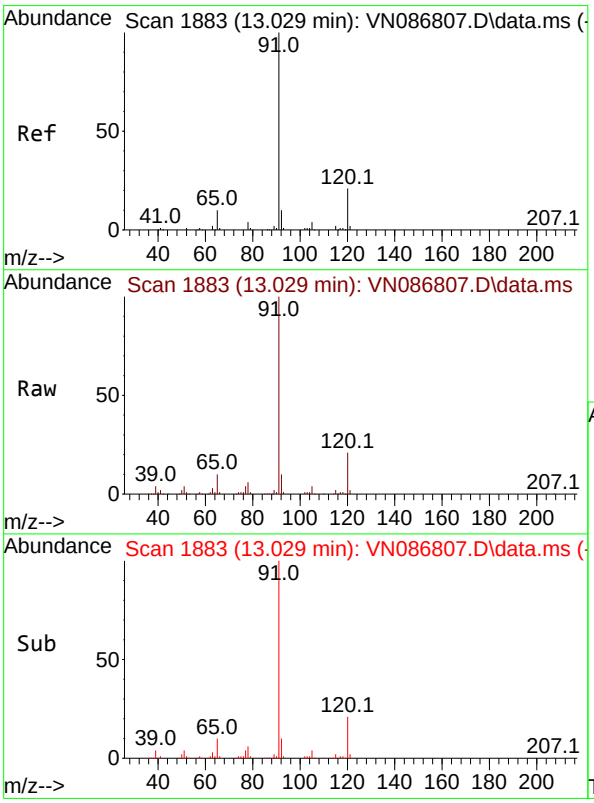
Ion	Ratio	Lower	Upper
156	100		
77	221.0	0.0	442.0
158	95.9	0.0	191.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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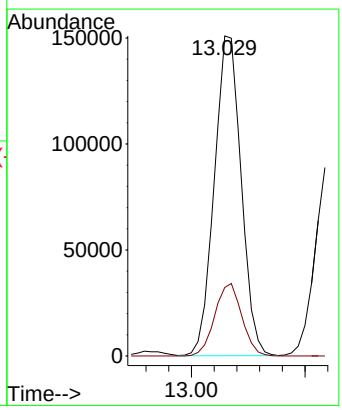
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

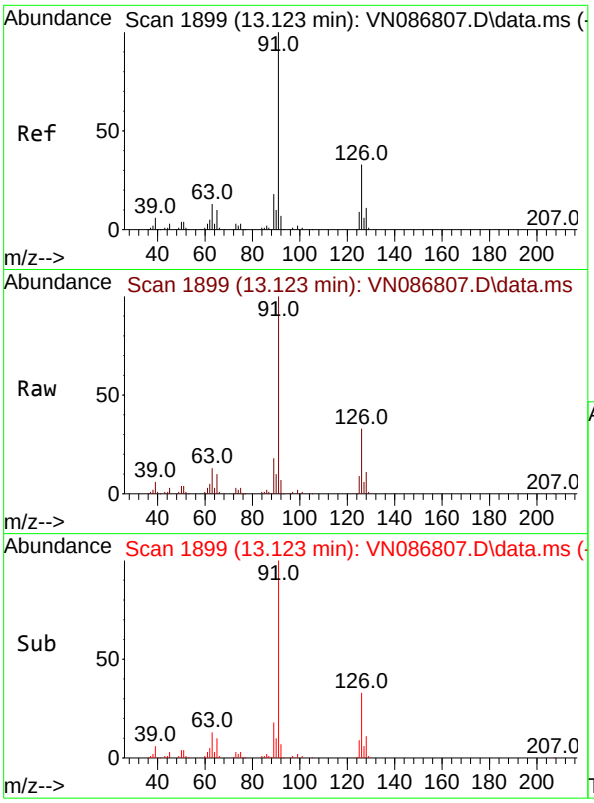


#74
n-propylbenzene
Concen: 20.068 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 247566

Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	45.6

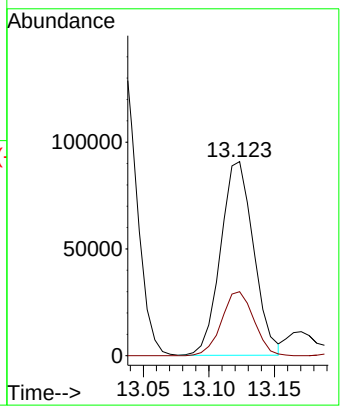




#75
2-Chlorotoluene
Concen: 20.087 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 15904

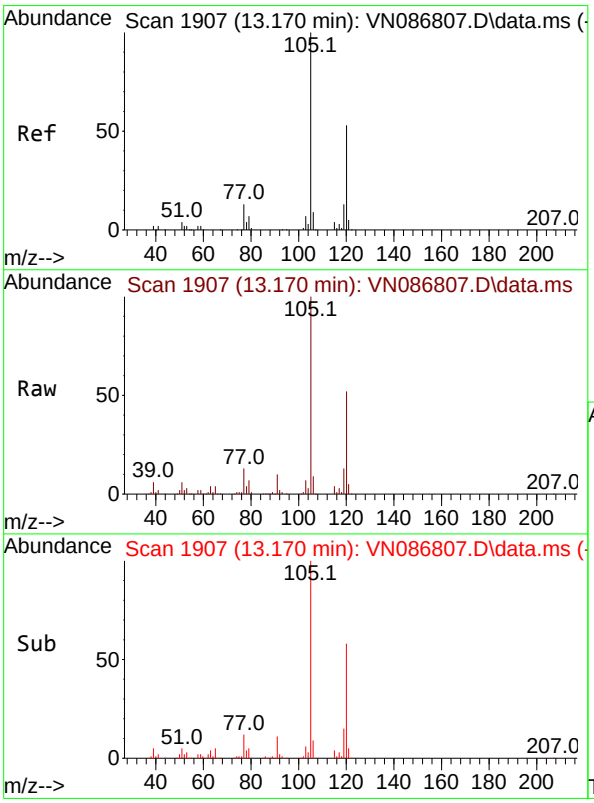
Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

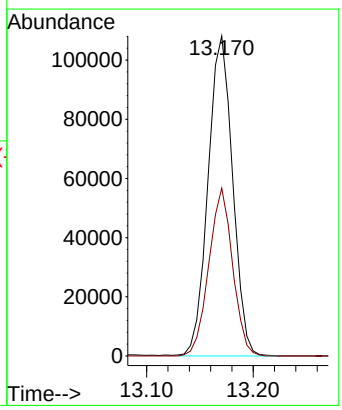
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

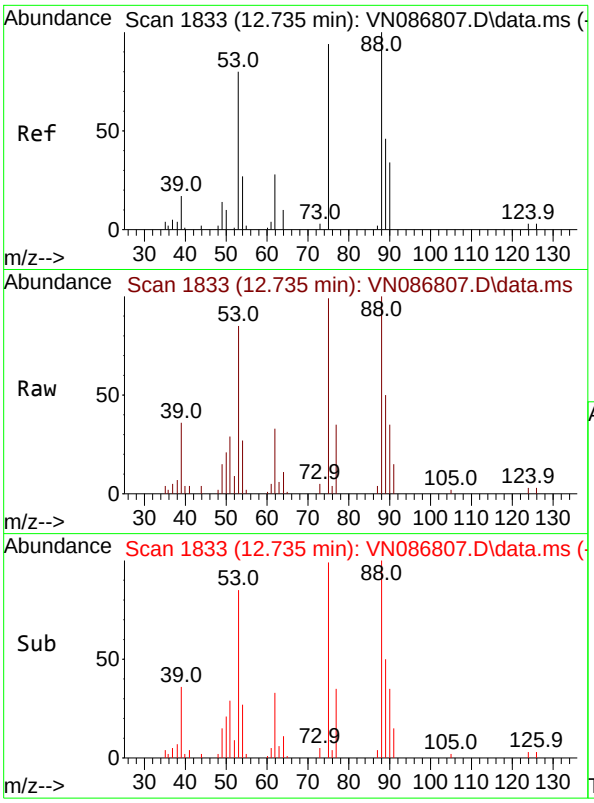


#76
1,3,5-Trimethylbenzene
Concen: 19.976 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 173075

Ion	Ratio	Lower	Upper
105	100		
120	50.7	0.0	101.4

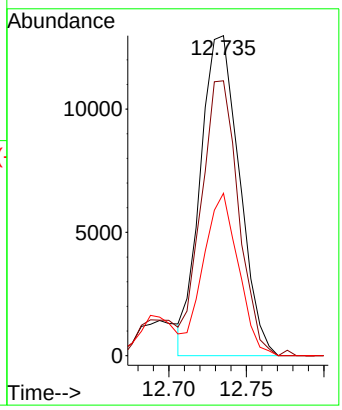




#77
t-1,4-Dichloro-2-butene
Concen: 19.166 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 2276

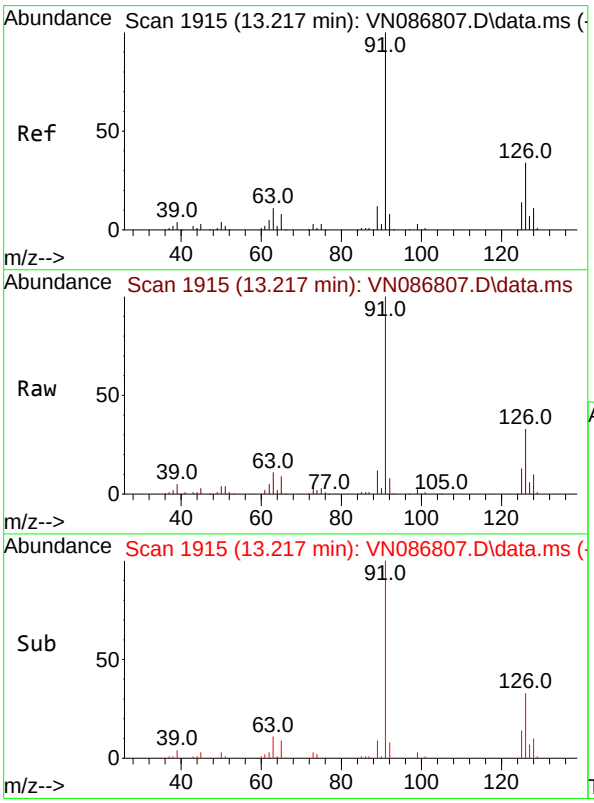
Ion	Ratio	Lower	Upper
75	100		
53	85.9	43.0	128.8
89	50.8	25.4	76.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

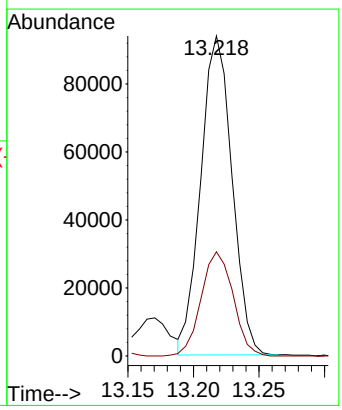
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

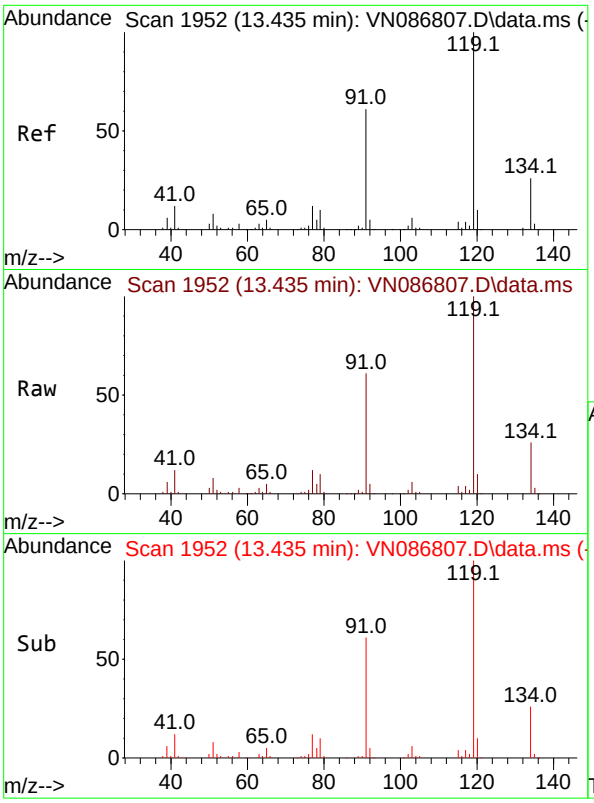


#78
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 155817

Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	66.6





#79
tert-butylbenzene
Concen: 19.807 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

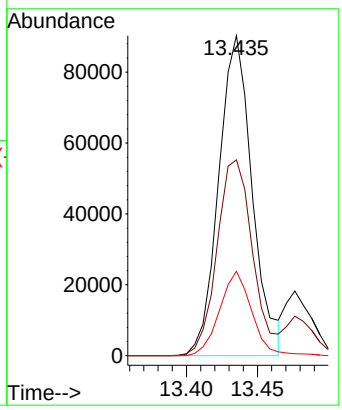
Tgt Ion:119 Resp: 14837

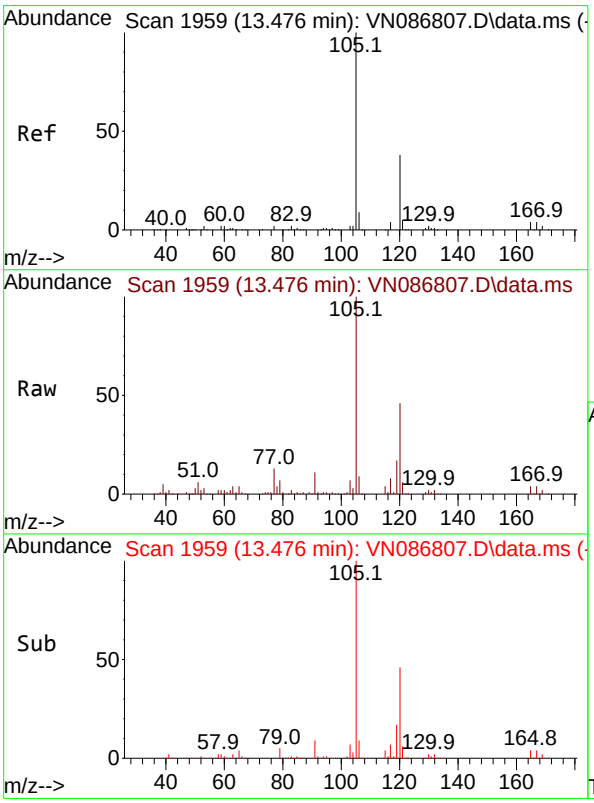
Ion	Ratio	Lower	Upper
119	100		
91	65.2	0.0	130.4
134	25.3	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

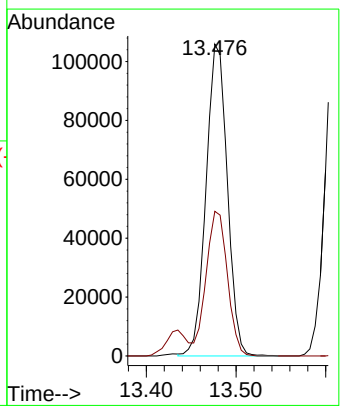


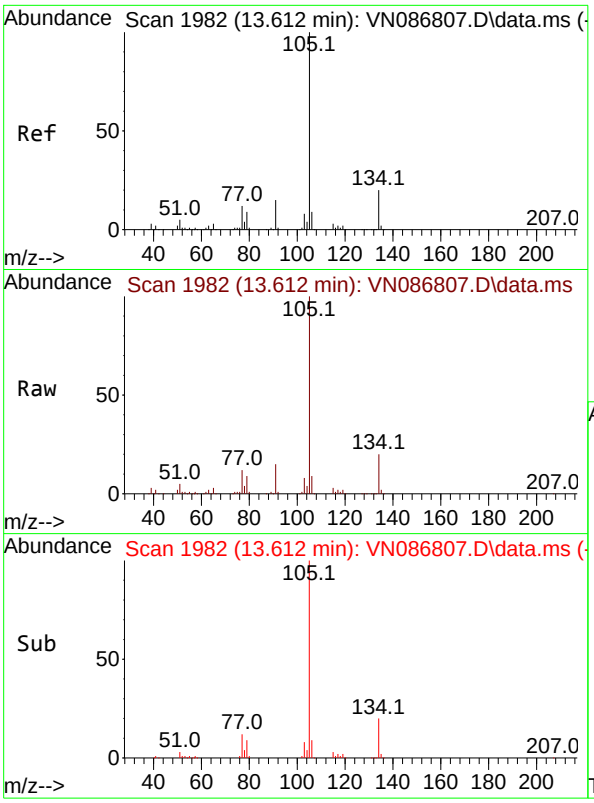


#80
1,2,4-Trimethylbenzene
Concen: 20.038 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 174264

Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	92.2





#81
sec-Butylbenzene
Concen: 19.913 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

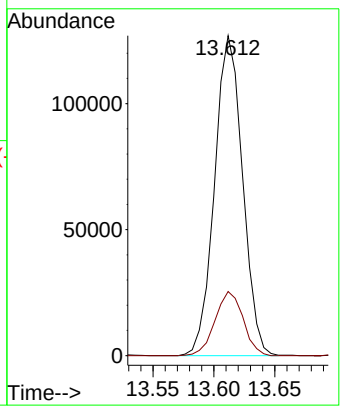
Tgt Ion:105 Resp: 20321

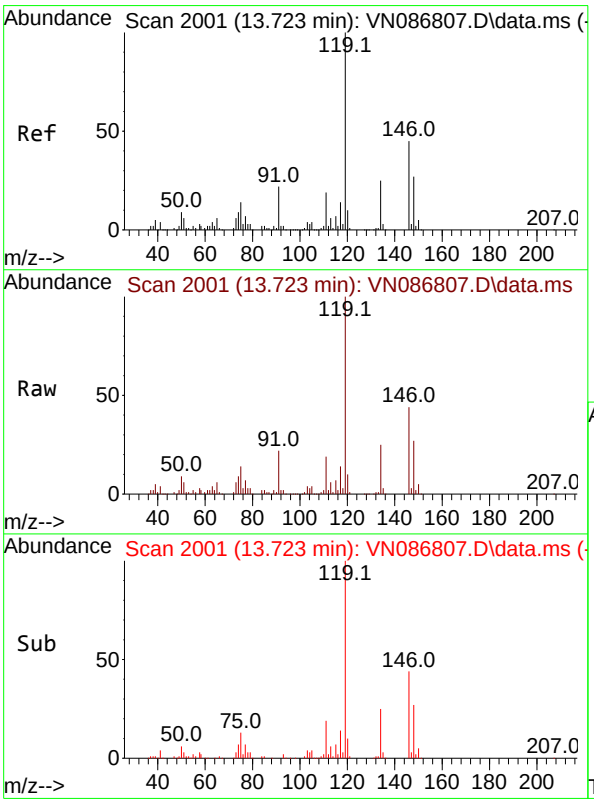
Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	40.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

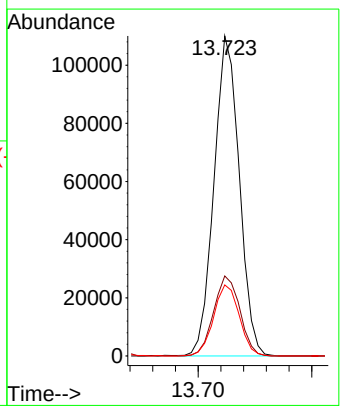


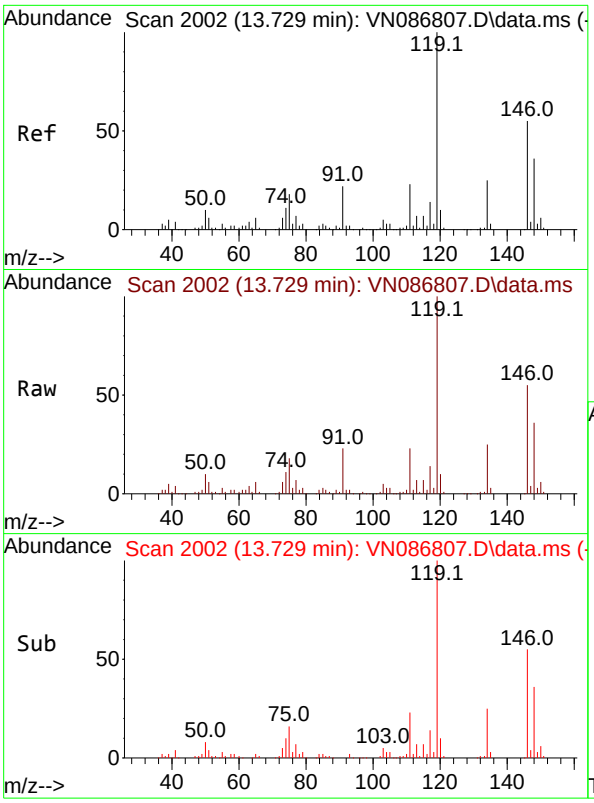


#82
p-Isopropyltoluene
Concen: 19.852 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:119 Resp: 170107

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	51.8
91	22.6	0.0	45.2

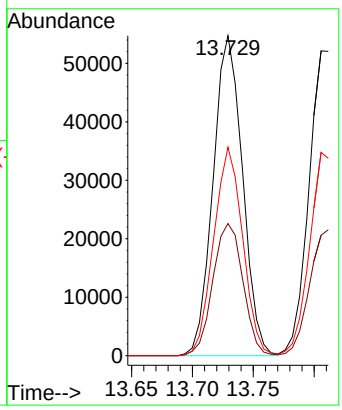




#83
1,3-Dichlorobenzene
Concen: 19.415 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 9219

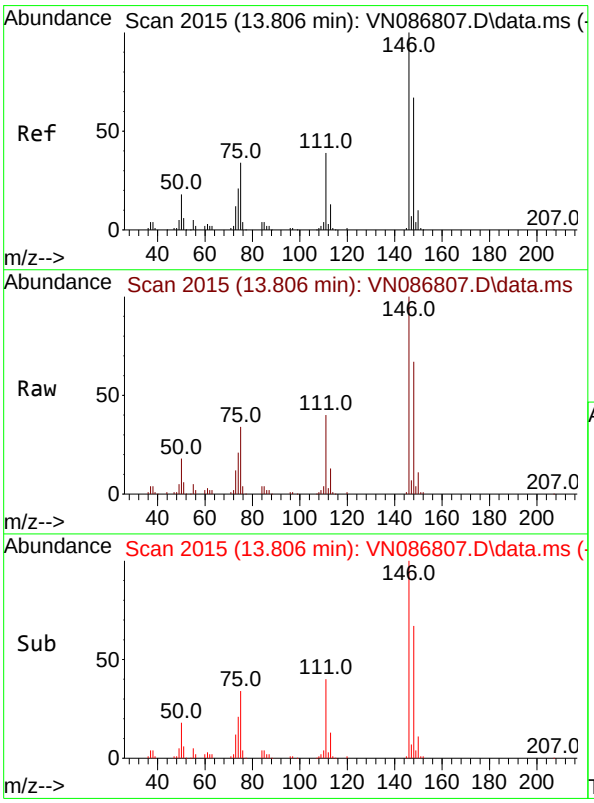
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.3	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

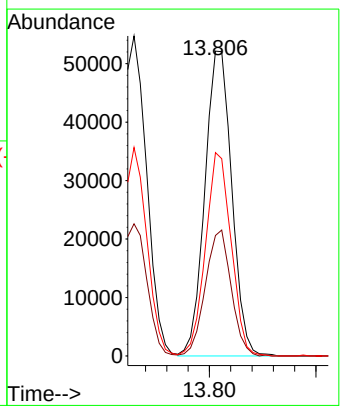
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

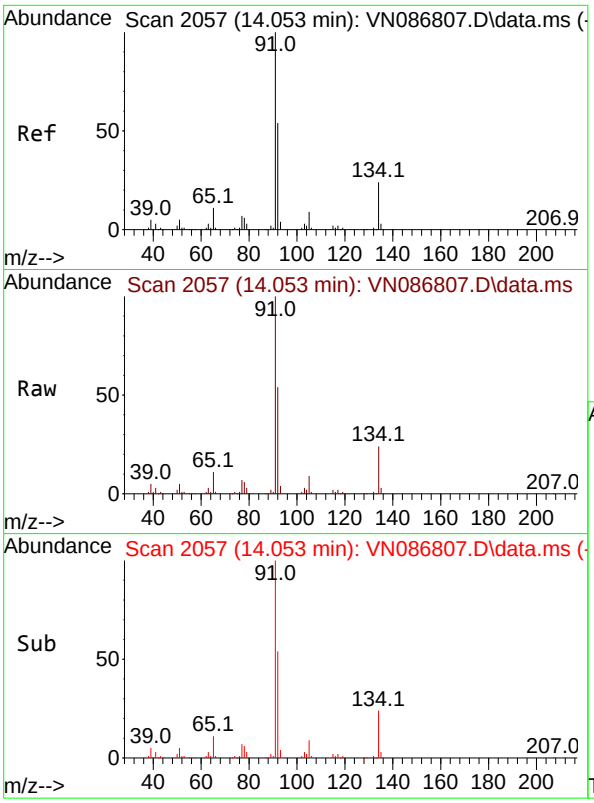


#84
1,4-Dichlorobenzene
Concen: 19.368 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 91531

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.7	31.9	95.5

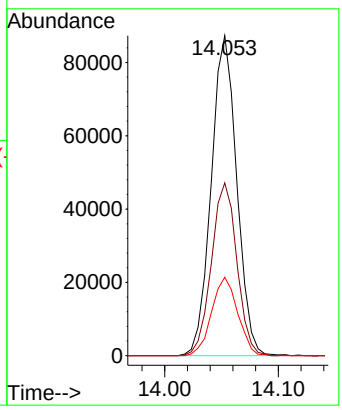




#85
n-Butylbenzene
Concen: 19.040 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 13659

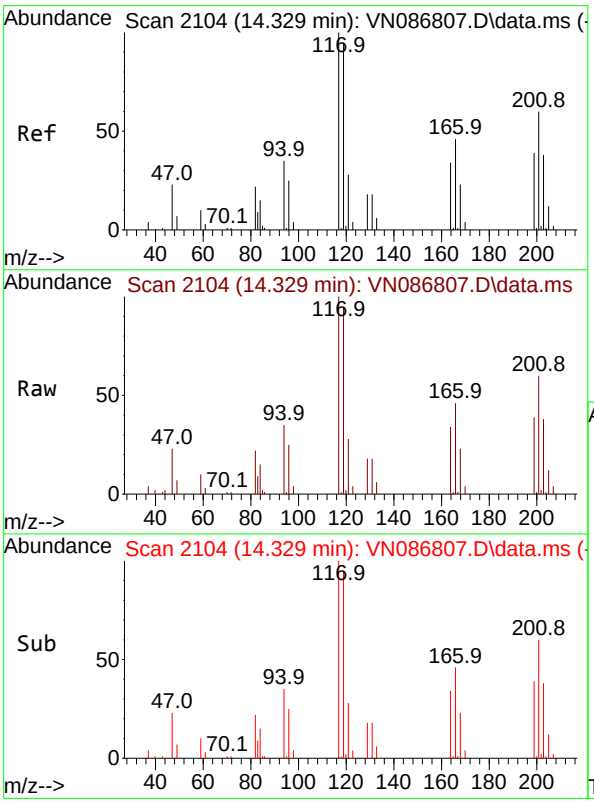
Ion	Ratio	Lower	Upper
91	100		
92	53.8	0.0	107.6
134	25.0	0.0	50.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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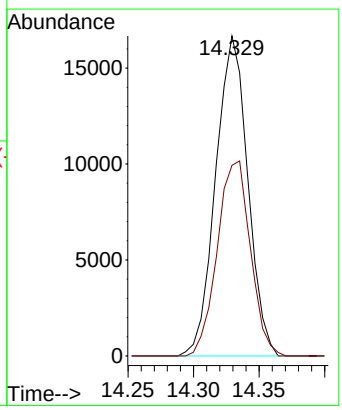
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

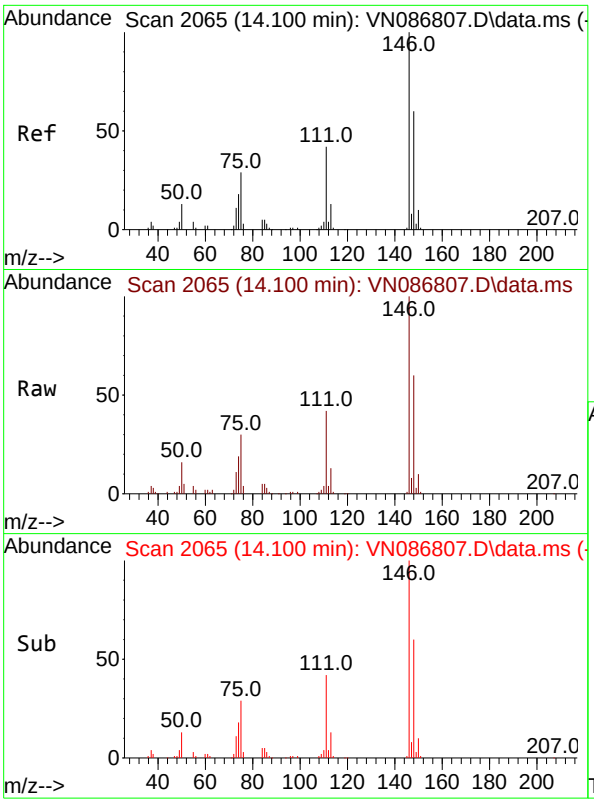


#86
Hexachloroethane
Concen: 19.424 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 28367

Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.4	94.3

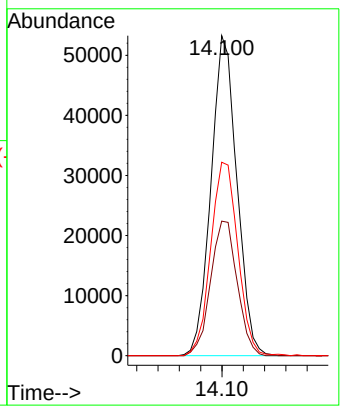




#87
1,2-Dichlorobenzene
Concen: 19.621 ug/l
RT: 14.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 8988

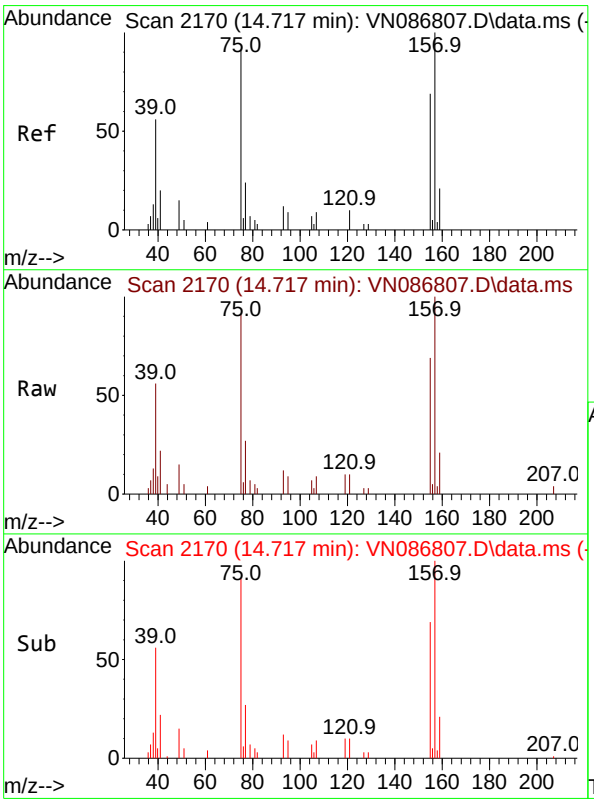
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	63.1	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

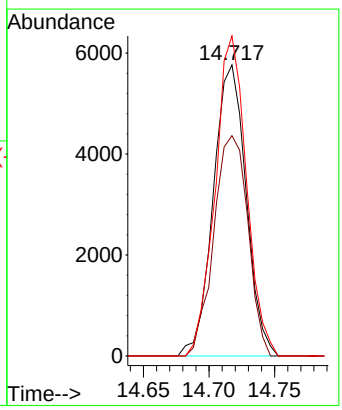
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

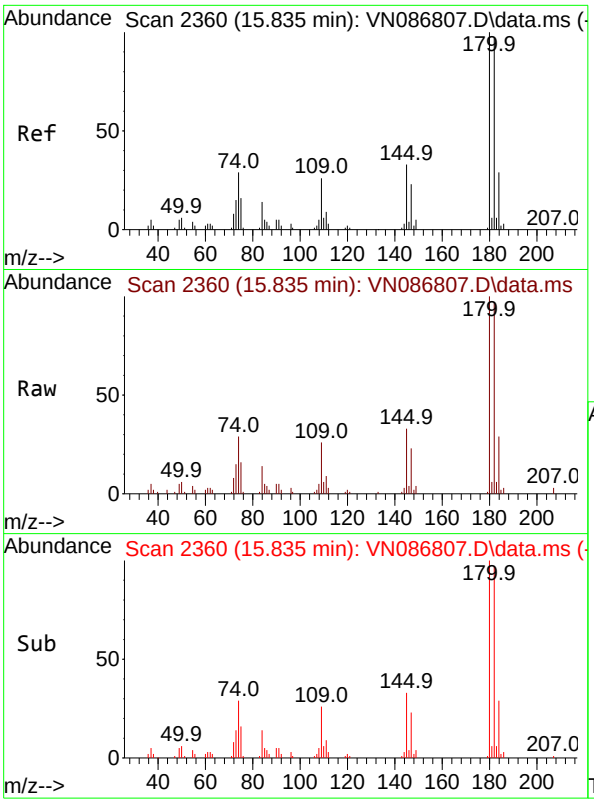


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.237 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 10031

Ion	Ratio	Lower	Upper
75	100		
155	78.6	62.9	94.3
157	105.0	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

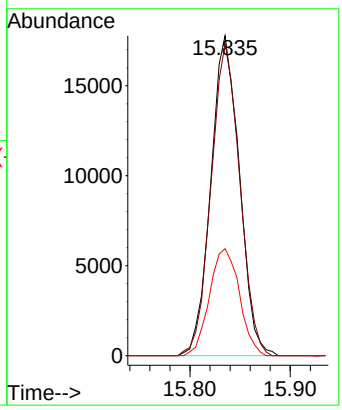
Tgt Ion:180 Resp: 3519

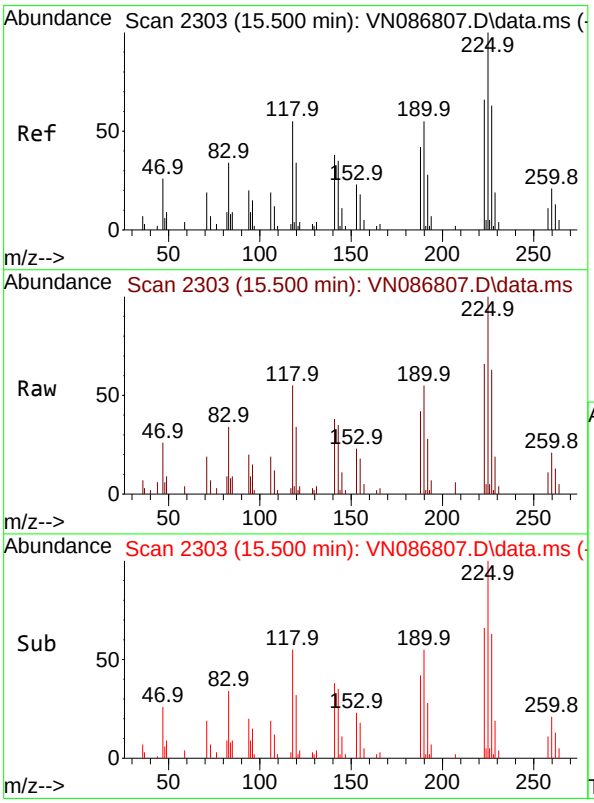
Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.2	117.2
145	35.0	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

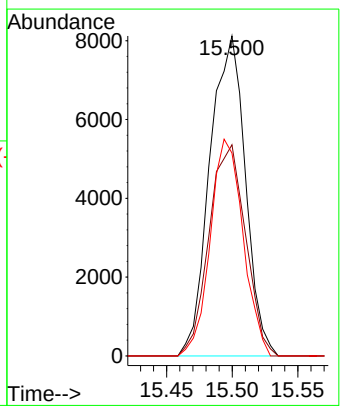


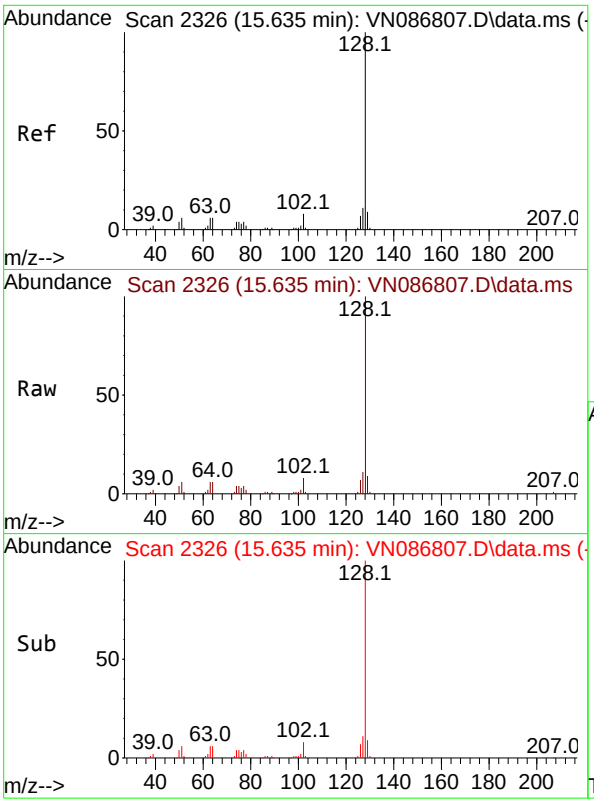


#90
Hexachlorobutadiene
Concen: 18.652 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:225 Resp: 15326

Ion	Ratio	Lower	Upper
225	100		
223	67.9	0.0	135.8
227	62.5	0.0	125.0

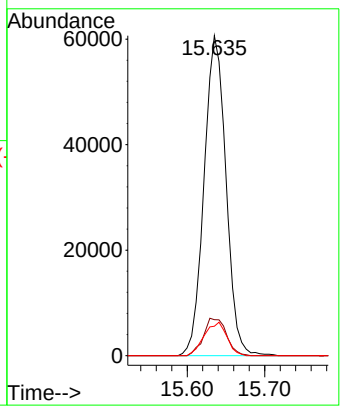




#91
Naphthalene
Concen: 17.833 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:128 Resp: 11928

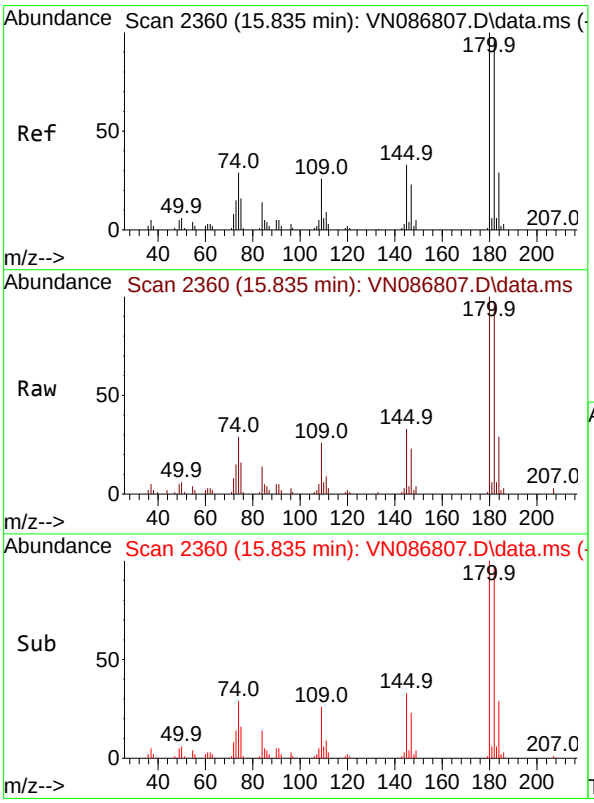
Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.6
129	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

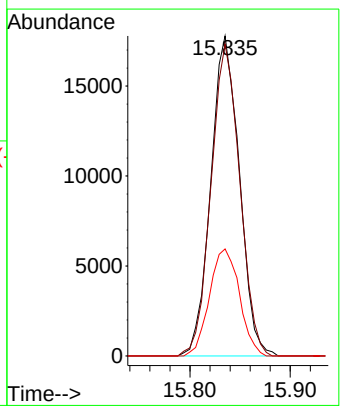
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:180 Resp: 35196

Ion	Ratio	Lower	Upper
180	100		
182	97.7	0.0	195.4
145	35.0	0.0	70.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086808.D
Acq On : 29 May 2025 11:44
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 01:58:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	37861	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212173	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	192449	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	78078	30.015	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.033%			
60) 4-Bromofluorobenzene	12.847	95	90850	30.068	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.233%			
63) Toluene-d8	10.565	98	265287	30.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	130822	50.875	ug/l	99
3) Chloromethane	2.359	50	162092	48.890	ug/l	98
4) Vinyl Chloride	2.512	62	151575	49.678	ug/l	98
5) Bromomethane	2.954	94	77760	48.100	ug/l	95
6) Chloroethane	3.118	64	92395	49.511	ug/l	94
7) Trichlorofluoromethane	3.501	101	177458	49.659	ug/l	98
8) Diethyl Ether	3.959	74	73434	49.263	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	109498	49.997	ug/l	99
10) 1,1-Dichloroethene	4.342	96	110799	49.623	ug/l	96
11) Methyl Iodide	4.589	142	128338	48.759	ug/l	98
12) Methyl Acetate	5.018	43	122466	49.522	ug/l	96
13) Acrolein	4.177	56	70834	275.391	ug/l	98
14) Acrylonitrile	5.712	53	286457	248.248	ug/l	99
15) Acetone	4.424	58	72087	246.734	ug/l	83
16) Carbon Disulfide	4.712	76	324004	49.712	ug/l	100
17) Allyl chloride	5.024	41	163812	49.385	ug/l	96
18) Methylene Chloride	5.277	84	125584	48.432	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	116799	49.986	ug/l	97
20) Diisopropyl ether	6.665	45	366738	50.201	ug/l	98
21) 1,1-Dichloroethane	6.571	63	218975	49.668	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	139465	49.287	ug/l	98
23) tert-Butyl Alcohol	5.512	59	93013	251.010	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	366507	49.806	ug/l	98
25) Chloroform	7.959	83	210250	48.723	ug/l	99
26) Cyclohexane	8.253	56	189266	49.601	ug/l #	98
29) 1,1-Dichloropropene	8.365	75	156217	50.077	ug/l	100
30) 2-Butanone	7.477	43	342713	250.734	ug/l	99
31) 2,2-Dichloropropane	7.489	77	183830	49.922	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	180080	49.798	ug/l	98
33) Carbon Tetrachloride	8.359	117	156360	50.583	ug/l	98
34) Benzene	8.600	78	508562	50.104	ug/l	96
35) Methacrylonitrile	7.777	41	77665	49.465	ug/l	92
36) 1,2-Dichloroethane	8.665	62	147384	49.552	ug/l	99
37) Trichloroethene	9.347	130	138080	49.044	ug/l	99
38) Methylcyclohexane	9.600	83	175956	50.836	ug/l	99
39) 1,2-Dichloropropane	9.618	63	121523	49.730	ug/l	98
40) Dibromomethane	9.706	93	80141	50.142	ug/l	99
41) Bromodichloromethane	9.882	83	169106	50.546	ug/l	97
42) Vinyl Acetate	6.600	43	1022005	256.515	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086808.D
Acq On : 29 May 2025 11:44
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:58:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	137277	49.082	ug/l	97
44) Isopropyl Acetate	8.683	43	240786	50.186	ug/l	100
45) 1,4-Dioxane	9.688	88	44687	1047.904	ug/l	94
46) Methyl methacrylate	9.677	41	114379	51.702	ug/l	97
47) n-amyl Acetate	12.488	43	192875	50.074	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	180849	50.515	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	197661	50.195	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	114479	50.856	ug/l	96
51) Ethyl methacrylate	10.871	69	187806	51.515	ug/l	96
52) 1,3-Dichloropropane	11.159	76	200223	50.120	ug/l	99
53) Dibromochloromethane	11.353	129	126446	49.708	ug/l	100
54) 1,2-Dibromoethane	11.465	107	114146	49.608	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	445248	254.433	ug/l	99
56) Bromoform	12.576	173	79637	49.687	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	708363	250.849	ug/l	99
59) 2-Hexanone	11.194	43	509079	251.677	ug/l	100
61) Tetrachloroethene	11.100	164	163012	50.391	ug/l	91
62) Toluene	10.629	91	538722	49.704	ug/l	100
64) Chlorobenzene	11.888	112	337771	48.866	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	112782	49.666	ug/l	98
66) Ethyl Benzene	11.959	91	595548	50.800	ug/l	97
67) m/p-Xylenes	12.065	106	465836	101.259	ug/l	99
68) o-Xylene	12.394	106	227480	51.022	ug/l	99
69) Styrene	12.406	104	379629	51.108	ug/l	100
70) Isopropylbenzene	12.694	105	539101	50.838	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	124913	49.545	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	144849m	46.634	ug/l	
73) Bromobenzene	12.976	156	130087	49.356	ug/l	98
74) n-propylbenzene	13.029	91	638895	50.865	ug/l	100
75) 2-Chlorotoluene	13.123	91	403077	49.997	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	448336	50.822	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	60669	50.172	ug/l	96
78) 4-Chlorotoluene	13.218	91	400961	50.207	ug/l	100
79) tert-butylbenzene	13.435	119	384679	50.435	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	447950	50.588	ug/l	98
81) sec-Butylbenzene	13.612	105	529243	50.934	ug/l	100
82) p-Isopropyltoluene	13.723	119	446383	51.162	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	242562	50.165	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	241927	50.277	ug/l	99
85) n-Butylbenzene	14.053	91	374782	51.309	ug/l	99
86) Hexachloroethane	14.329	117	73414	49.370	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	234825	50.345	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	27180	51.194	ug/l	96
89) 1,2,4-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98
90) Hexachlorobutadiene	15.500	225	41982	50.179	ug/l	96
91) Naphthalene	15.635	128	348415	51.156	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	98812	50.620	ug/l	98

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

ICAL Form

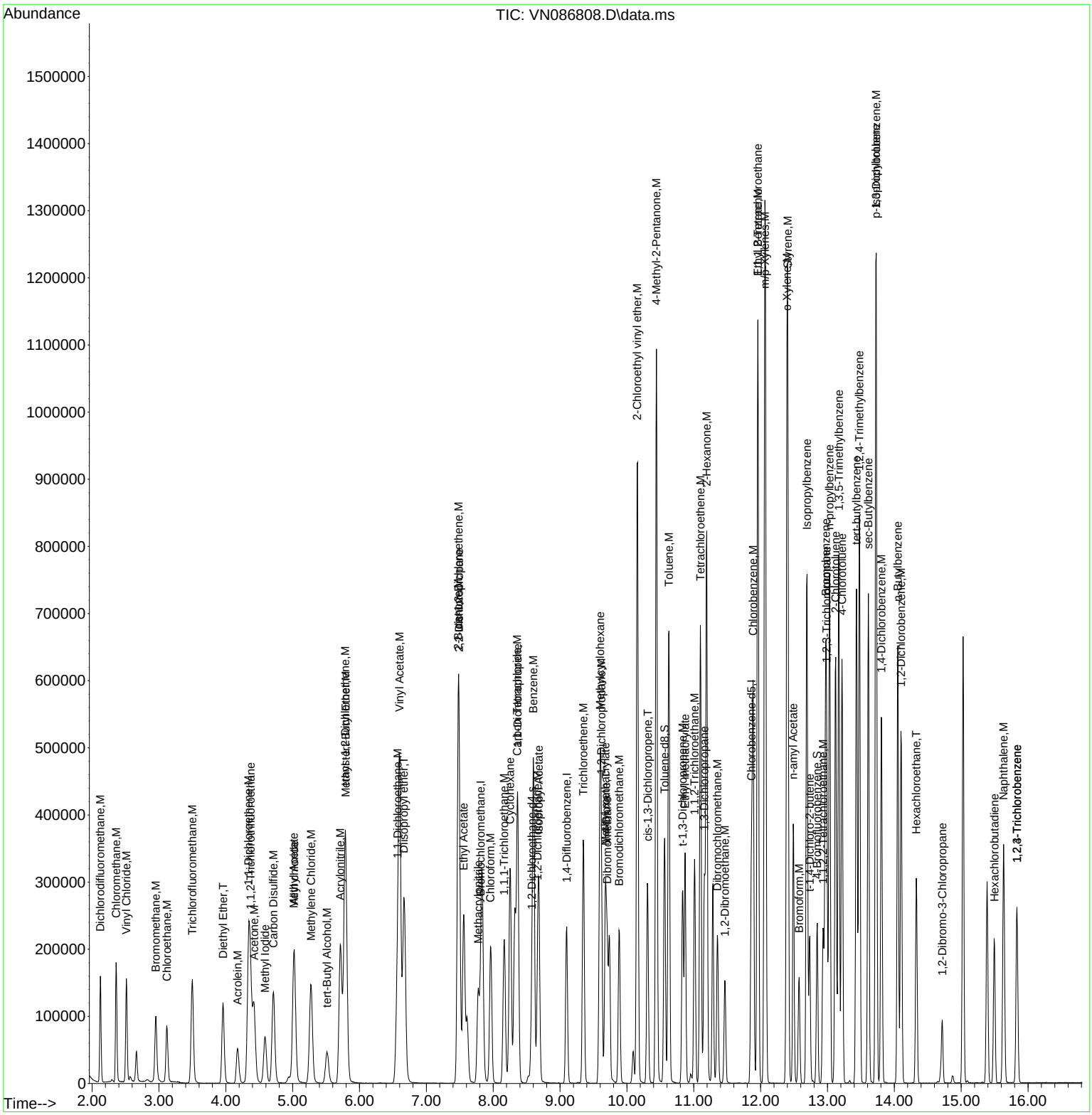
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Data File : VN086808.D
Acq On : 29 May 2025 11:44
Operator : JC\MD
Sample : VSTDICC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

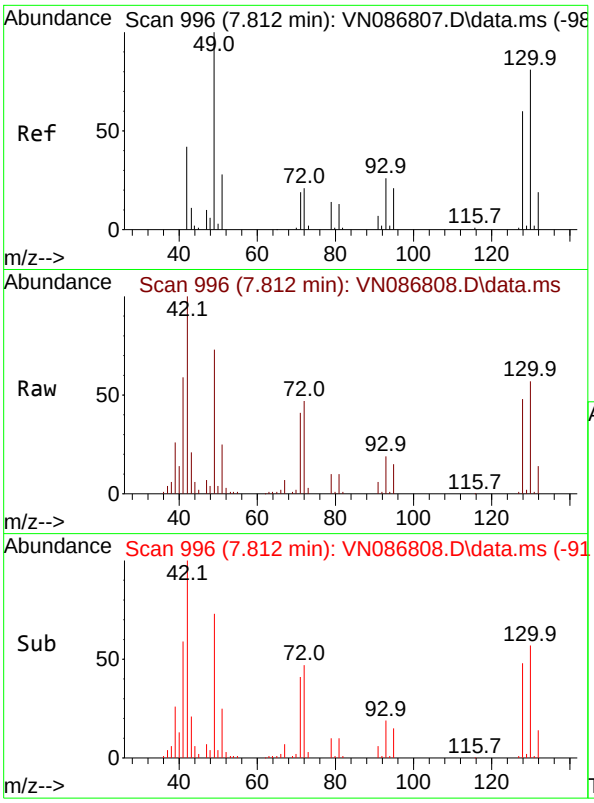
Quant Time: May 30 01:58:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

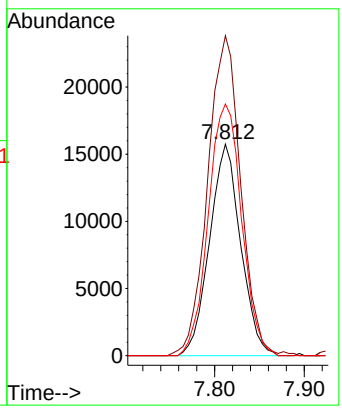




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:128 Resp: 3786

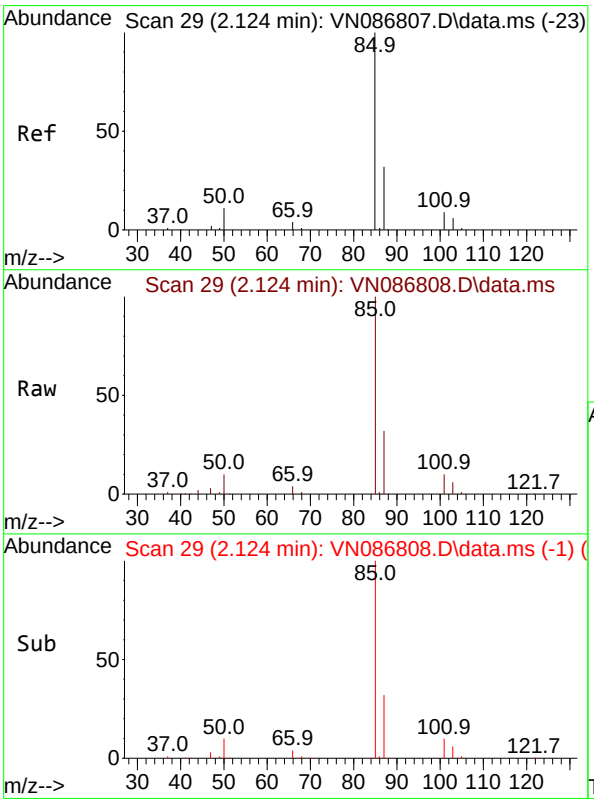
Ion	Ratio	Lower	Upper
128	100		
49	160.0	0.0	404.5
130	127.8	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

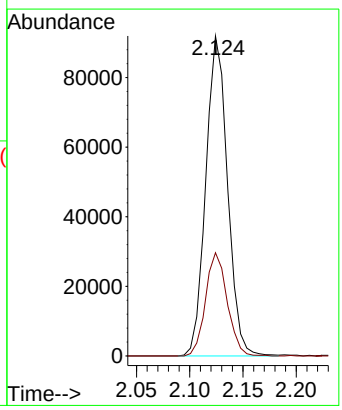
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

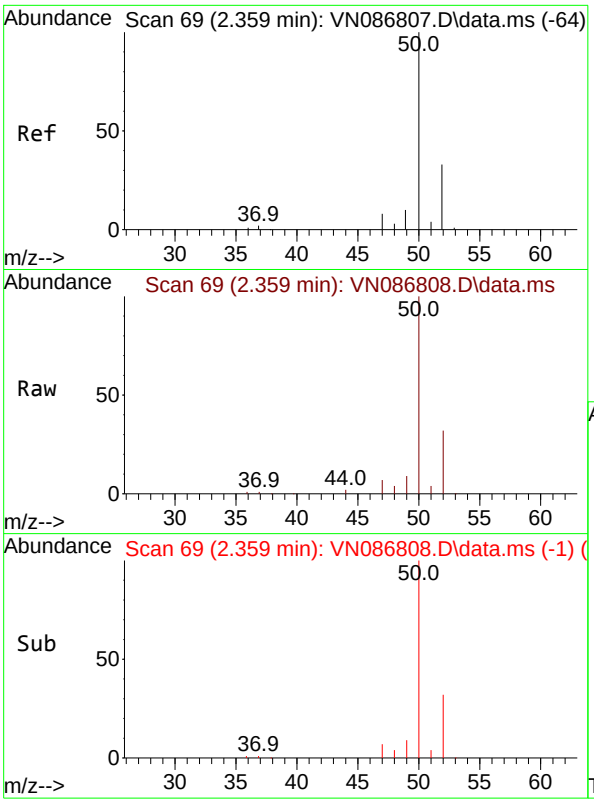


#2
Dichlorodifluoromethane
Concen: 50.875 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 85 Resp: 130822

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.9	47.7

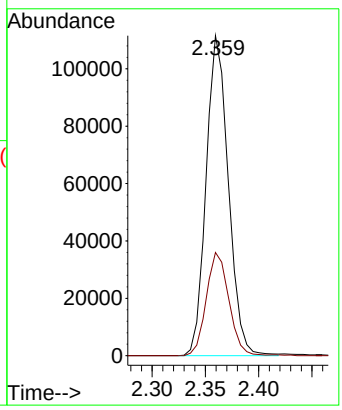




#3
Chloromethane
Concen: 48.890 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 50 Resp: 16209

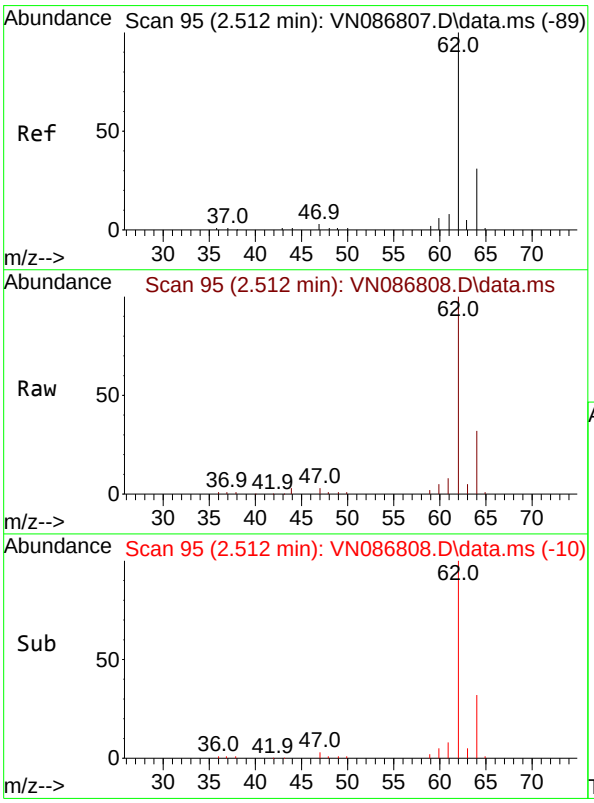
Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

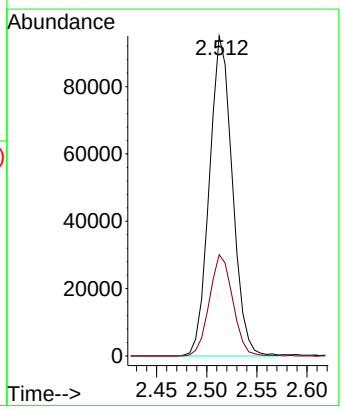
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

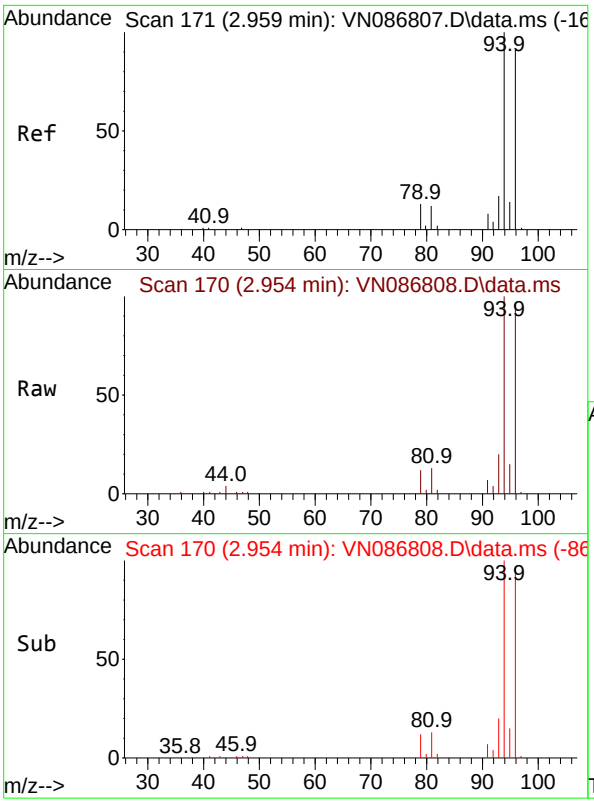


#4
Vinyl Chloride
Concen: 49.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 62 Resp: 151575

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.6	36.8

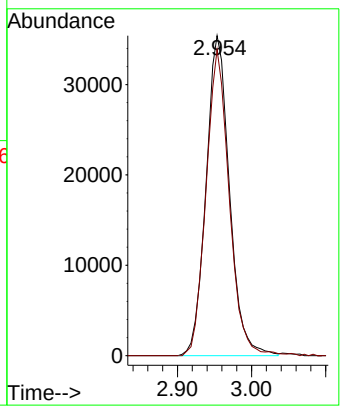




#5
Bromomethane
Concen: 48.100 ug/l
RT: 2.954 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 94 Resp: 7776

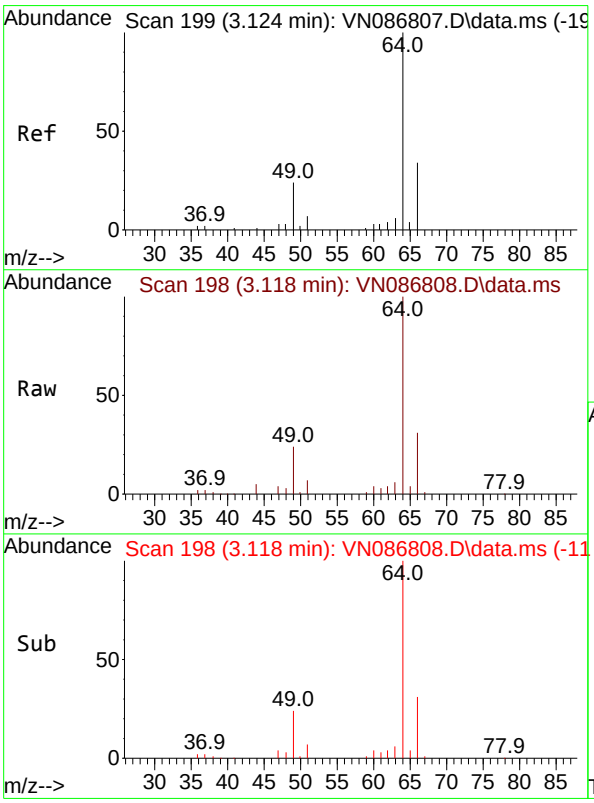
Ion	Ratio	Lower	Upper
94	100		
96	95.7	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

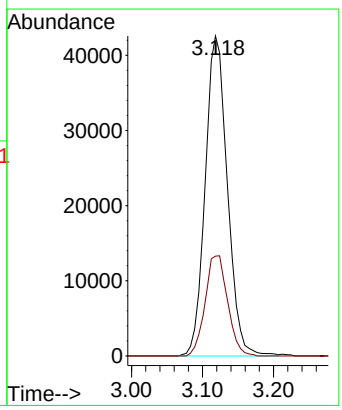
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

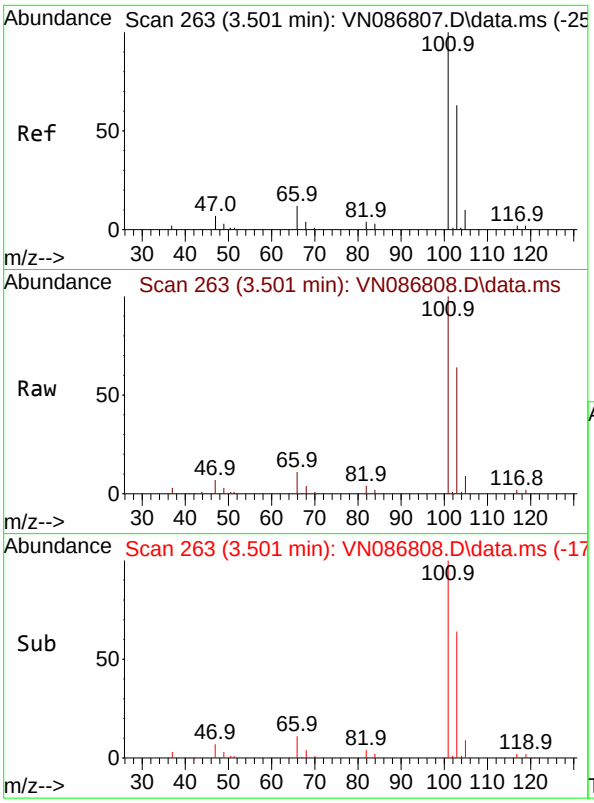


#6
Chloroethane
Concen: 49.511 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 64 Resp: 92395

Ion	Ratio	Lower	Upper
64	100		
66	31.2	27.5	41.3

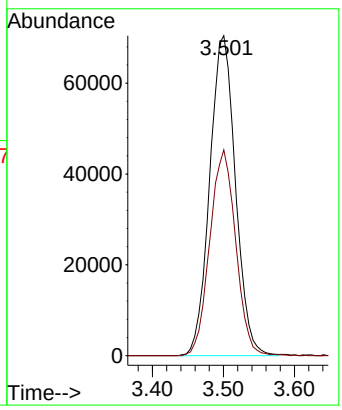




#7
Trichlorofluoromethane
Concen: 49.659 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:101 Resp: 17745

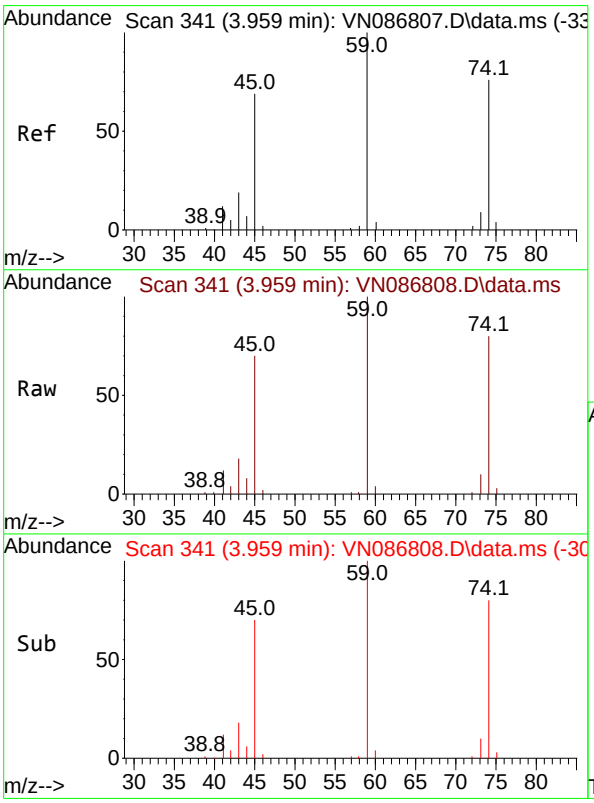
Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

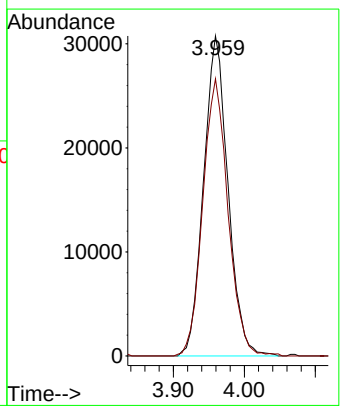
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

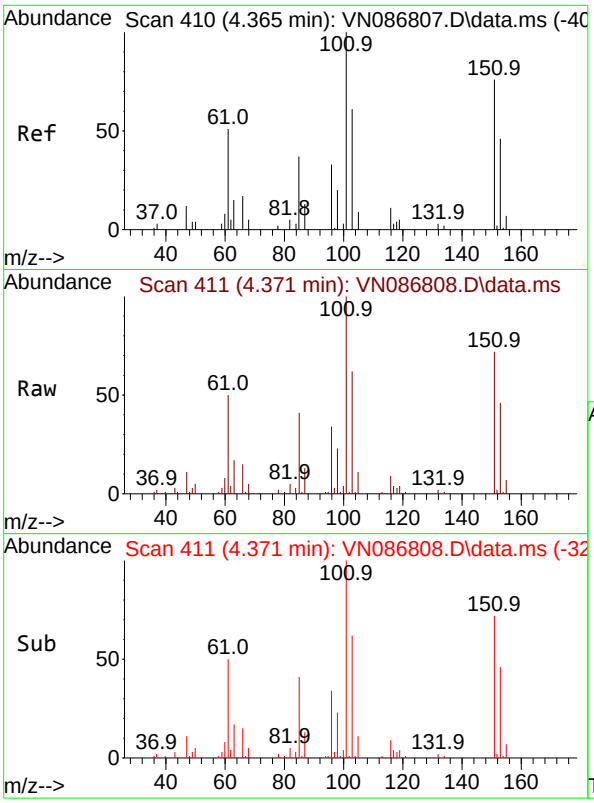


#8
Diethyl Ether
Concen: 49.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 74 Resp: 73434

Ion	Ratio	Lower	Upper
74	100		
45	89.4	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.997 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

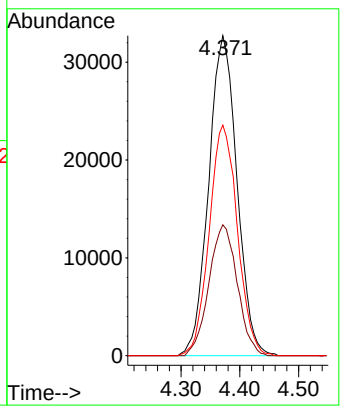
Tgt Ion:101 Resp: 10949

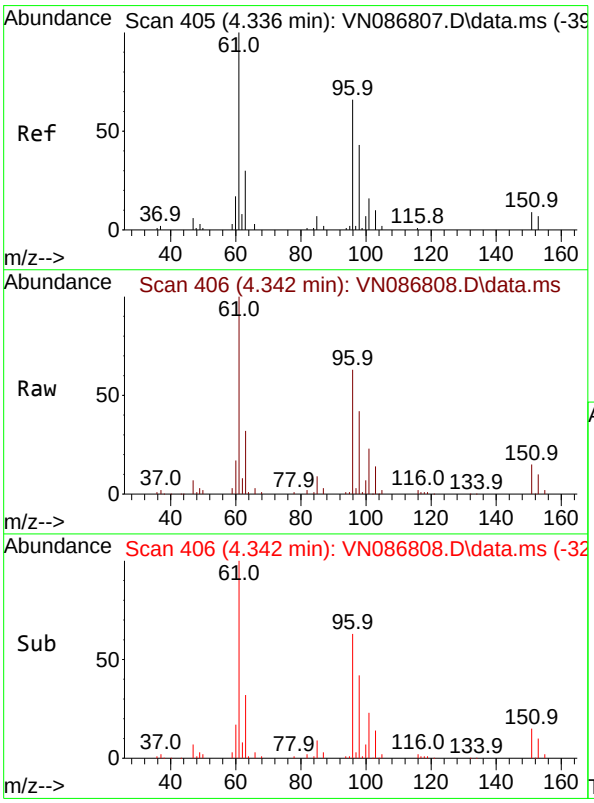
Ion	Ratio	Lower	Upper
101	100		
85	41.0	0.0	83.2
151	71.8	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

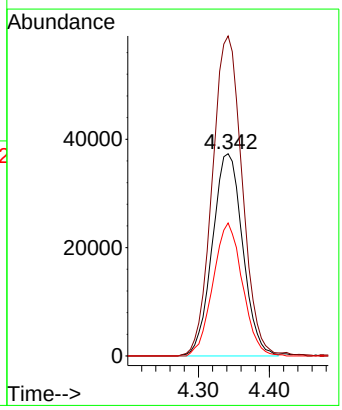


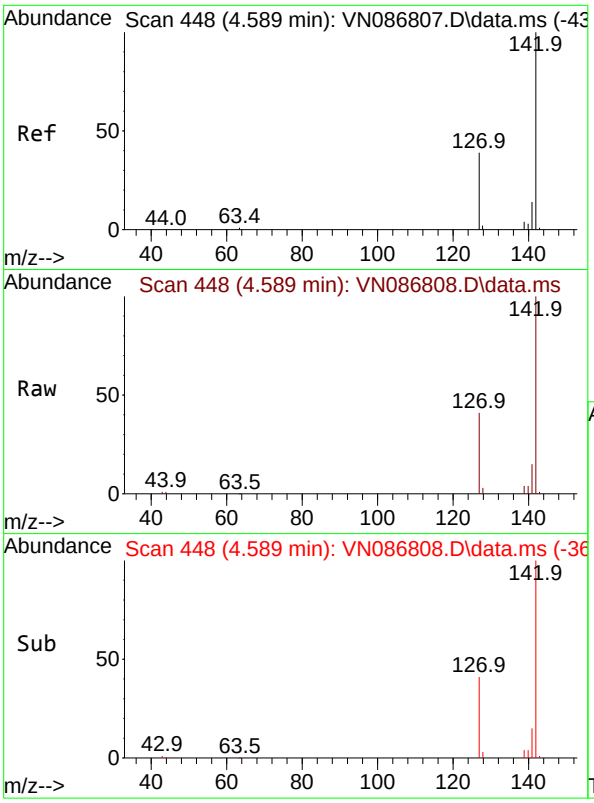


#10
1,1-Dichloroethene
Concen: 49.623 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 96 Resp: 110799

Ion	Ratio	Lower	Upper
96	100		
61	158.2	121.7	182.5
98	65.7	51.9	77.9

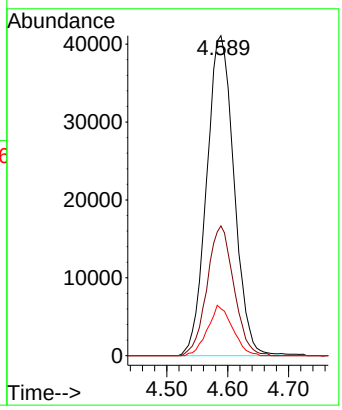




#11
Methyl Iodide
Concen: 48.759 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:142 Resp: 12833

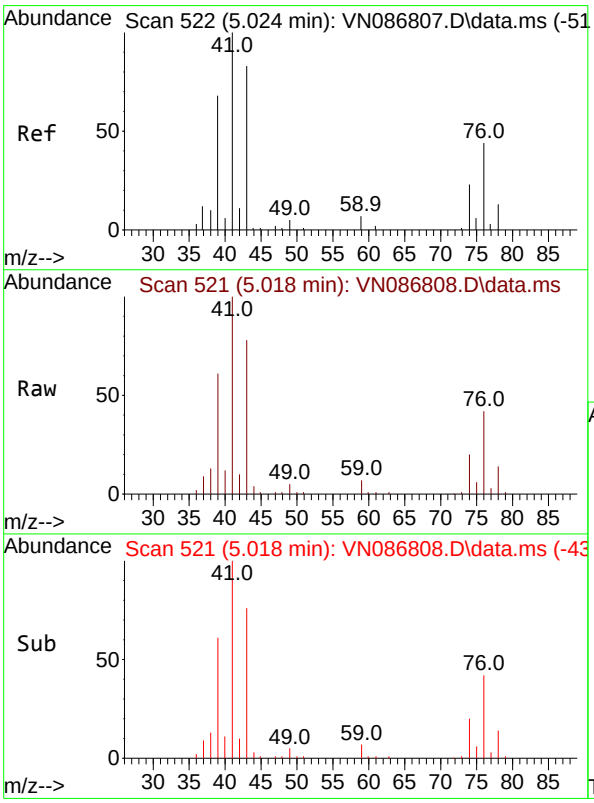
Ion	Ratio	Lower	Upper
142	100		
127	40.7	19.5	58.5
141	14.8	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

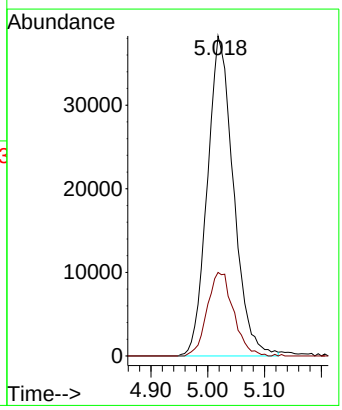
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

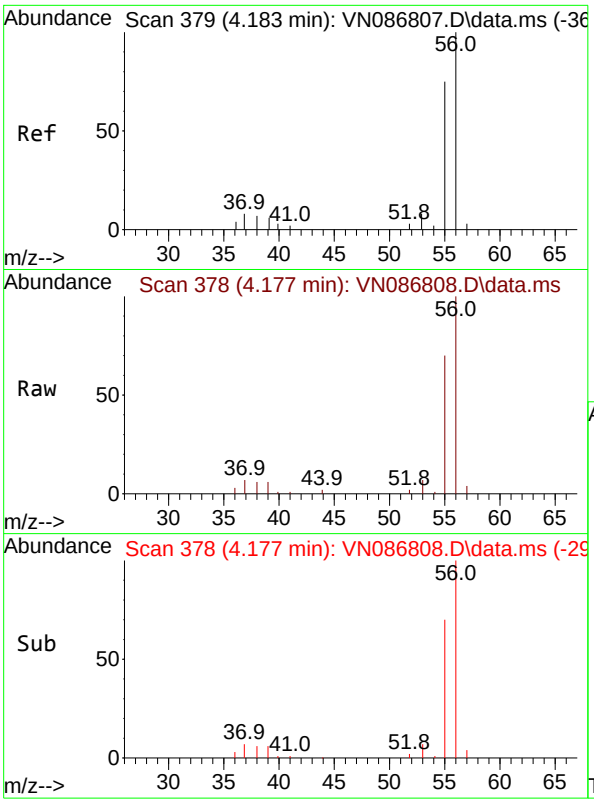


#12
Methyl Acetate
Concen: 49.522 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 122466

Ion	Ratio	Lower	Upper
43	100		
74	26.2	22.7	34.1

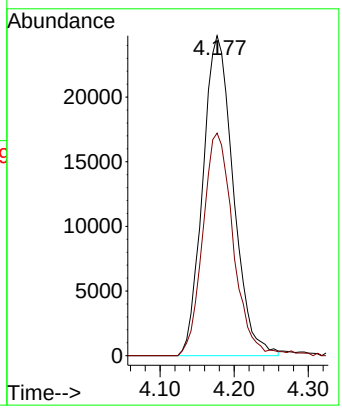




#13
Acrolein
Concen: 275.391 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 56 Resp: 7083

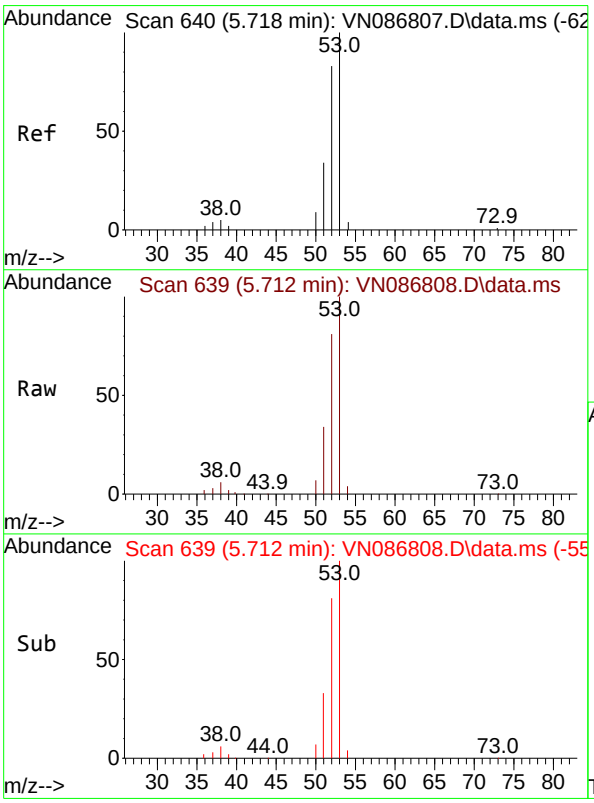
Ion	Ratio	Lower	Upper
56	100		
55	68.3	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

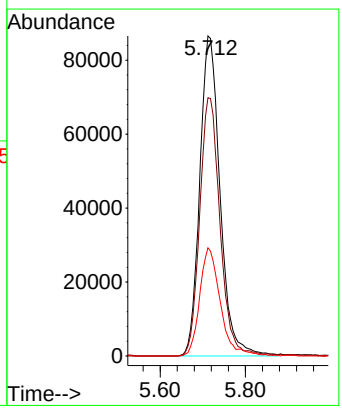
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

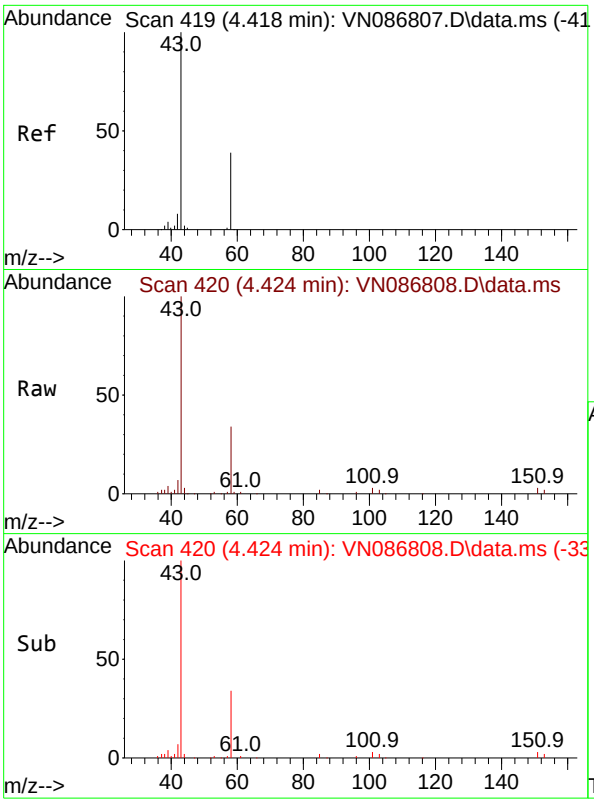


#14
Acrylonitrile
Concen: 248.248 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 53 Resp: 286457

Ion	Ratio	Lower	Upper
53	100		
52	79.6	40.0	119.9
51	32.9	17.5	52.6

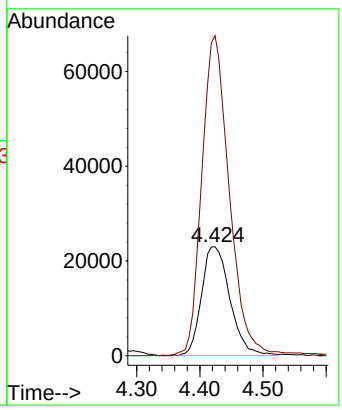




#15
Acetone
Concen: 246.734 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 58 Resp: 7208

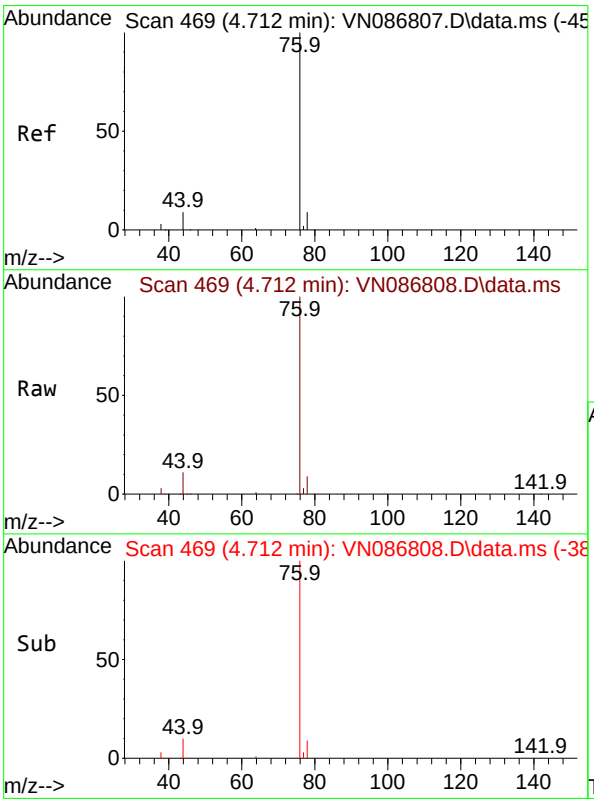
Ion	Ratio	Lower	Upper
58	100		
43	290.7	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

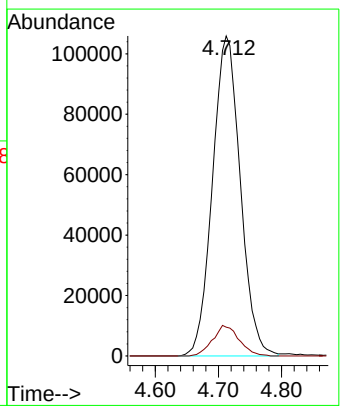
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

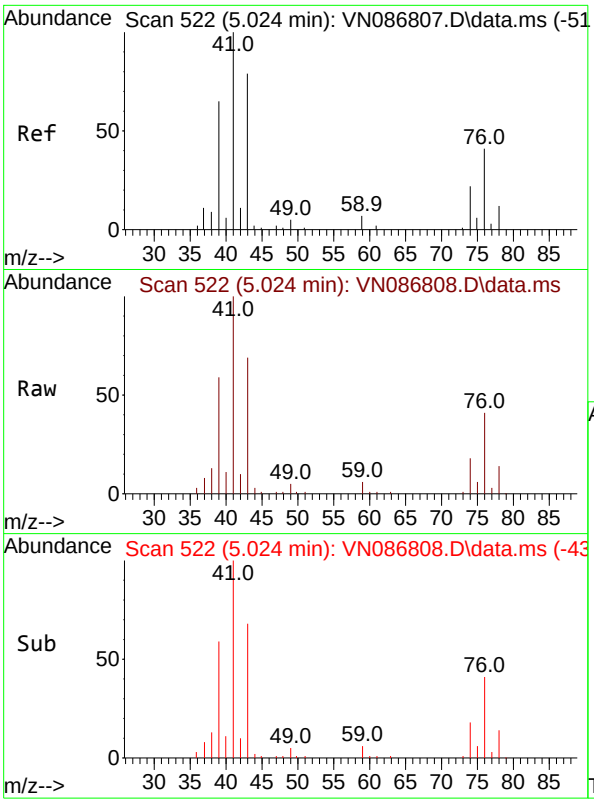


#16
Carbon Disulfide
Concen: 49.712 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 76 Resp: 324004

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

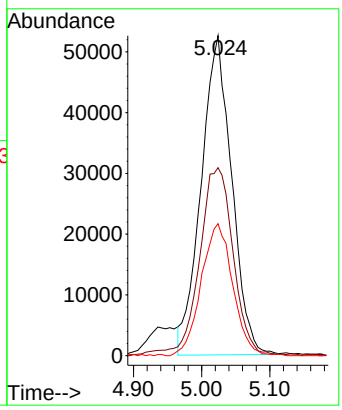




#17
Allyl chloride
Concen: 49.385 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 41 Resp: 16381

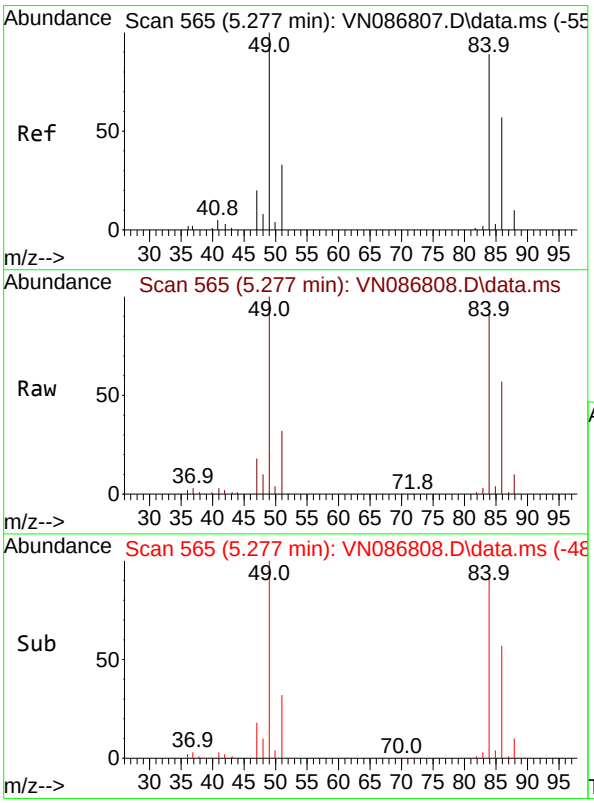
Ion	Ratio	Lower	Upper
41	100		
39	58.7	31.6	94.8
76	41.1	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

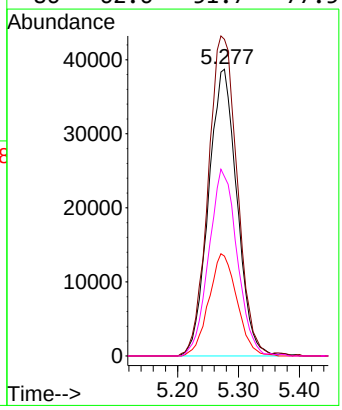
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

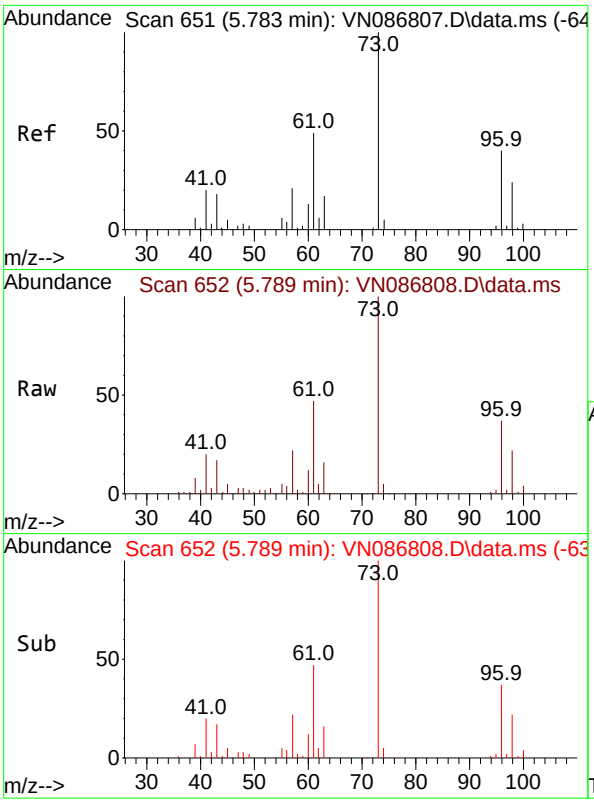


#18
Methylene Chloride
Concen: 48.432 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 84 Resp: 125584

Ion	Ratio	Lower	Upper
84	100		
49	110.4	89.9	134.9
51	34.8	29.6	44.4
86	62.6	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

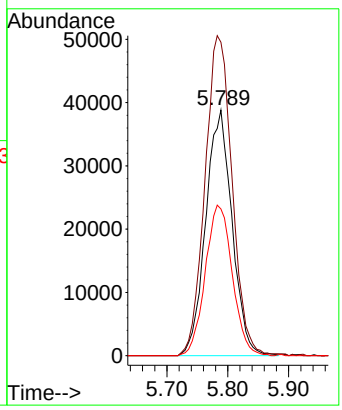
Tgt Ion: 96 Resp: 11679

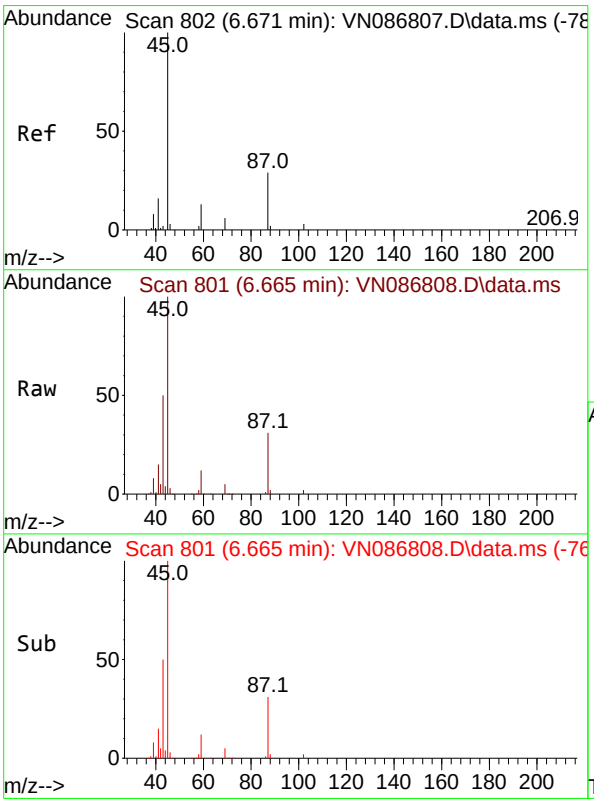
Ion	Ratio	Lower	Upper
96	100		
61	127.7	98.9	148.3
98	59.7	49.0	73.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

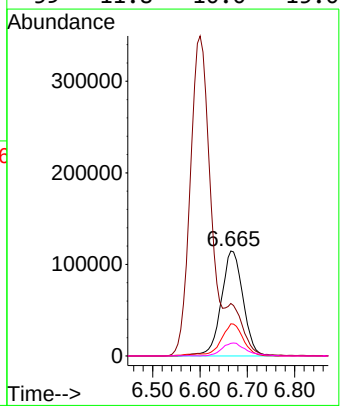


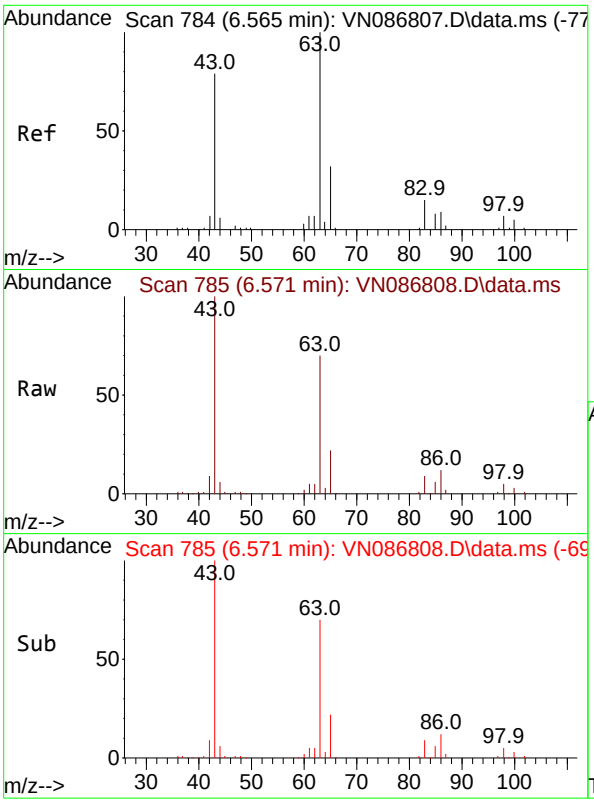


#20
Diisopropyl ether
Concen: 50.201 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 45 Resp: 366738

Ion	Ratio	Lower	Upper
45	100		
43	49.2	40.3	60.5
87	30.7	24.1	36.1
59	11.8	10.0	15.0

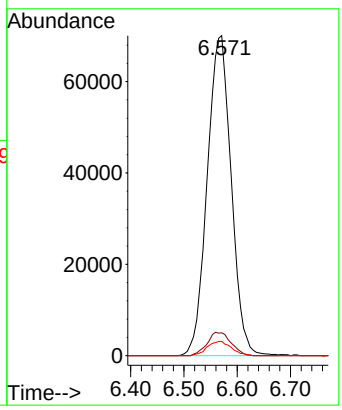




#21
1,1-Dichloroethane
Concen: 49.668 ug/l
RT: 6.571 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 63 Resp: 21897

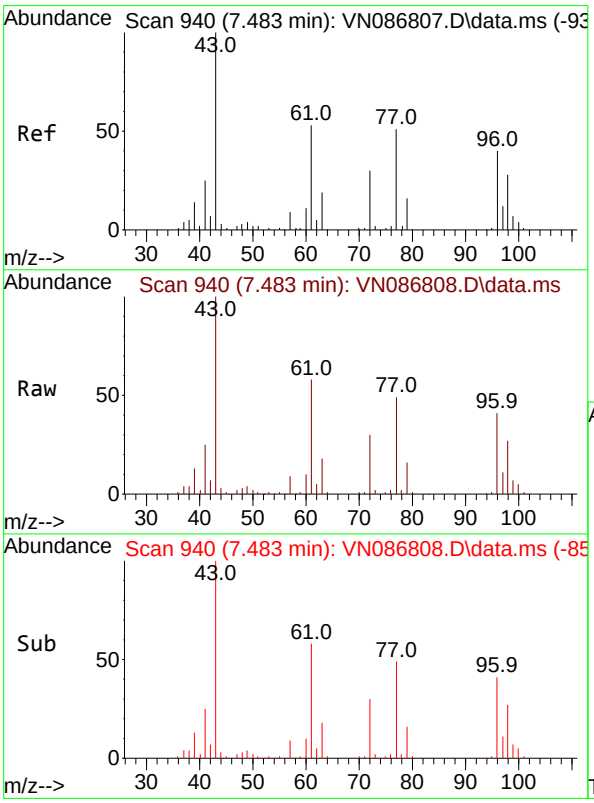
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.2
100	4.4	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

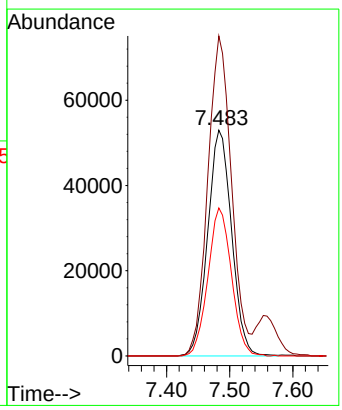
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

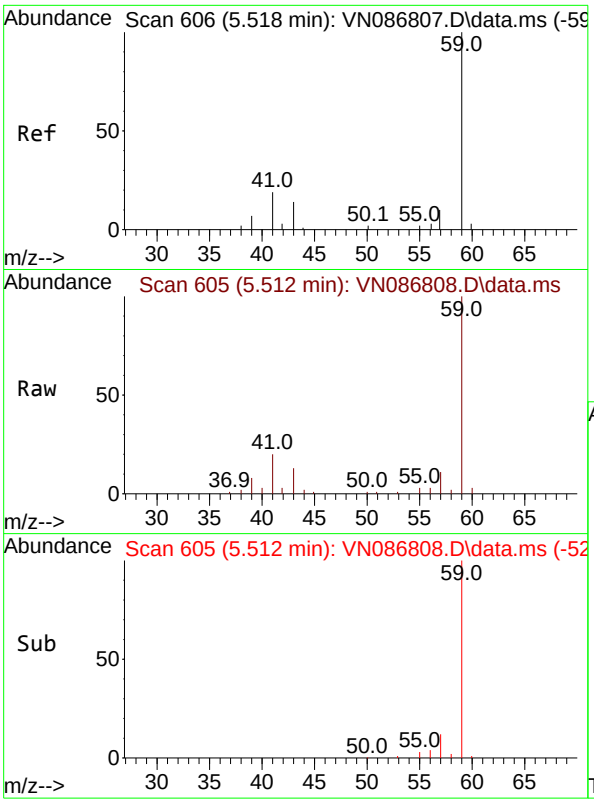


#22
cis-1,2-Dichloroethene
Concen: 49.287 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 96 Resp: 139465

Ion	Ratio	Lower	Upper
96	100		
61	140.8	110.7	166.1
98	64.3	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 251.010 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

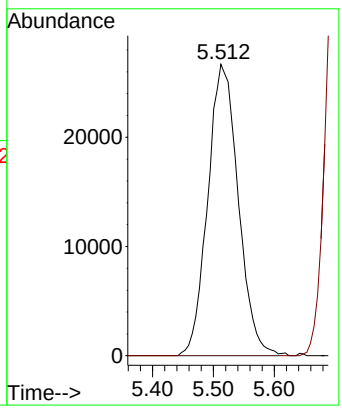
Tgt Ion: 59 Resp: 9301

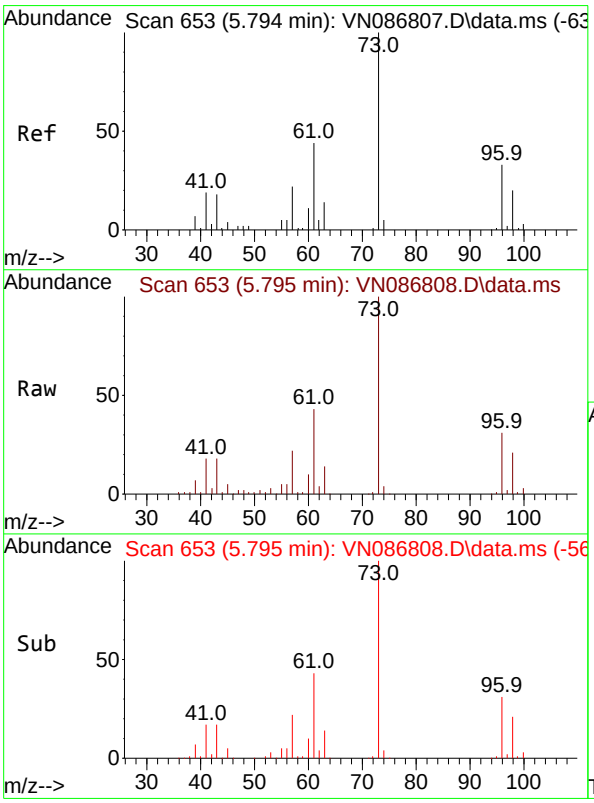
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

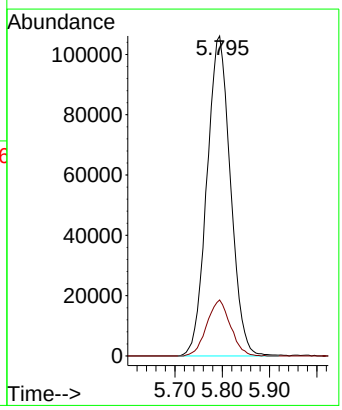


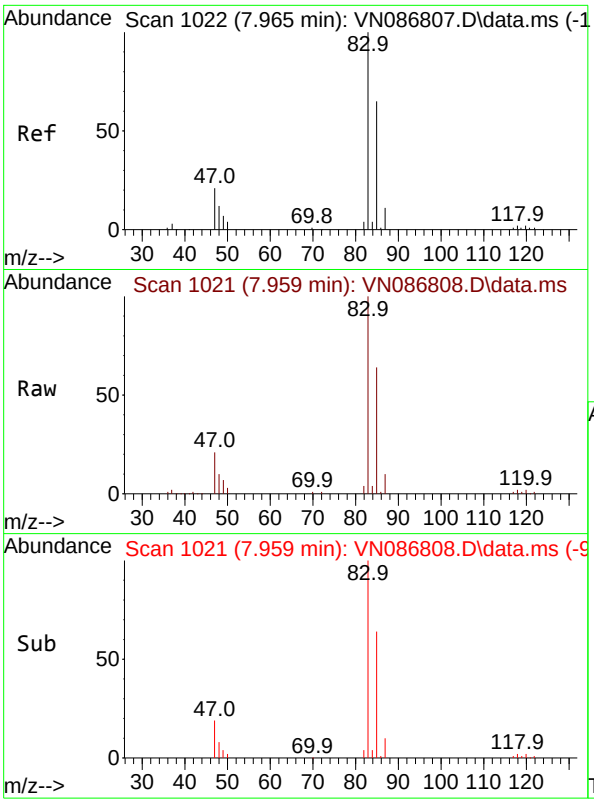


#24
Methyl tert-Butyl Ether
Concen: 49.806 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 73 Resp: 366507

Ion	Ratio	Lower	Upper
73	100		
43	17.5	14.6	22.0

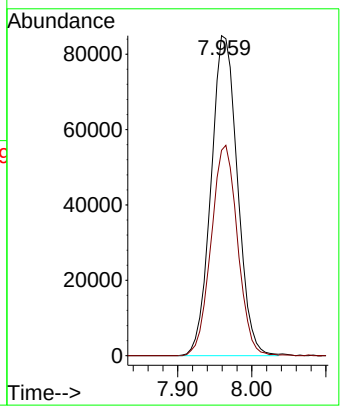




#25
Chloroform
Concen: 48.723 ug/l
RT: 7.959 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 83 Resp: 21025

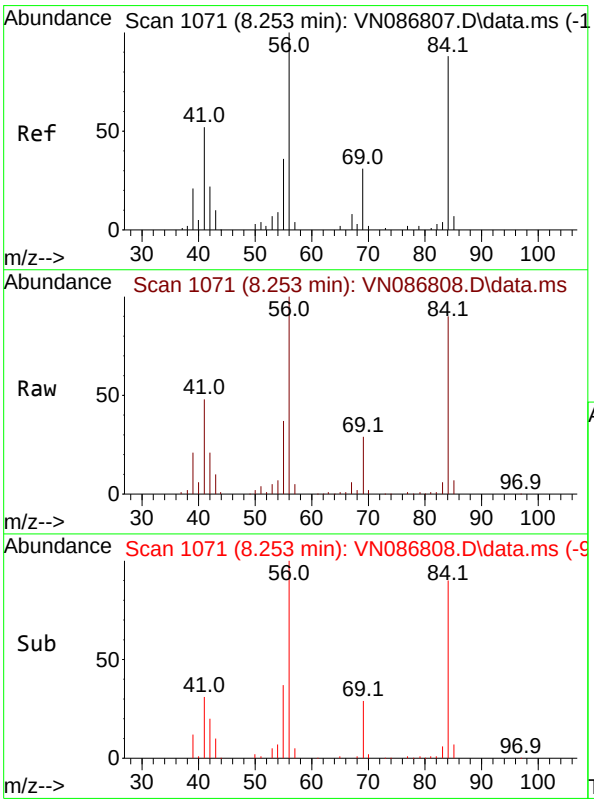
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

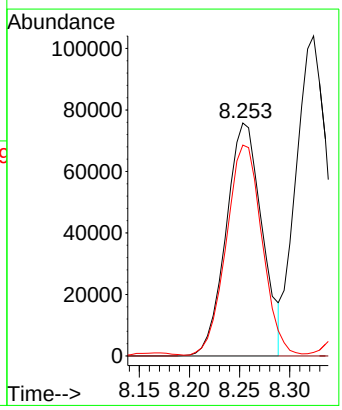
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

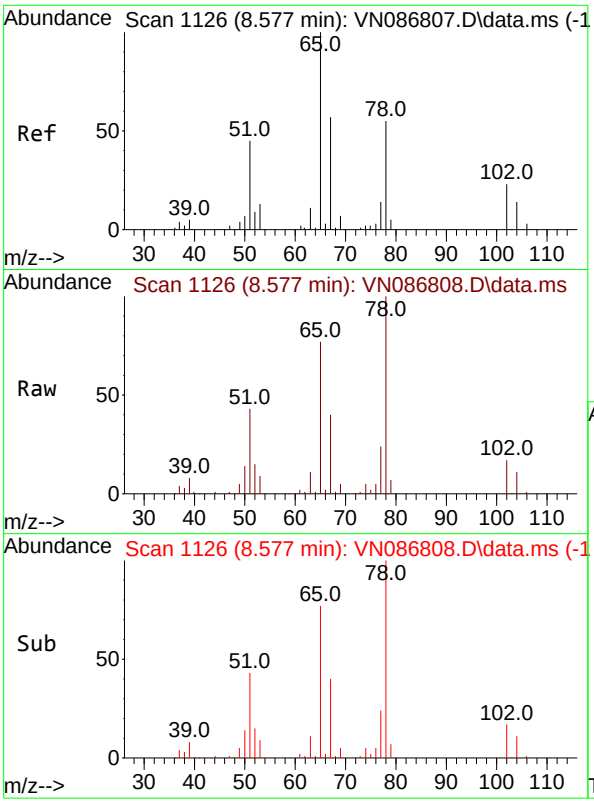


#26
Cyclohexane
Concen: 49.601 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 56 Resp: 189266

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	90.1	70.4	105.6

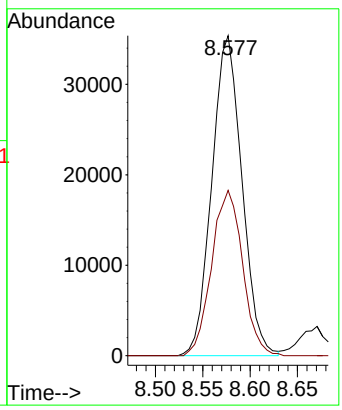




#27
1,2-Dichloroethane-d4
Concen: 30.015 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 65 Resp: 7807

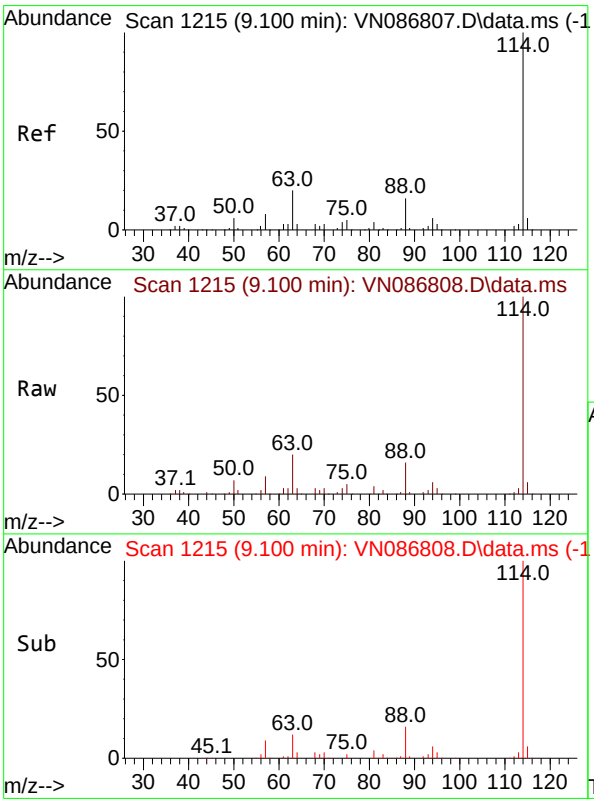
Ion	Ratio	Lower	Upper
65	100		
67	53.2	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

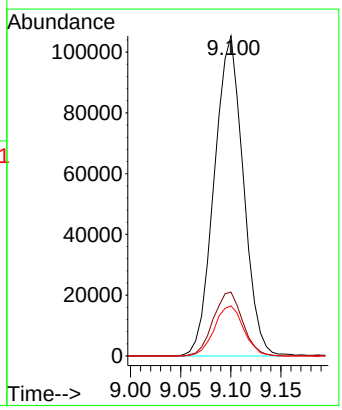
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

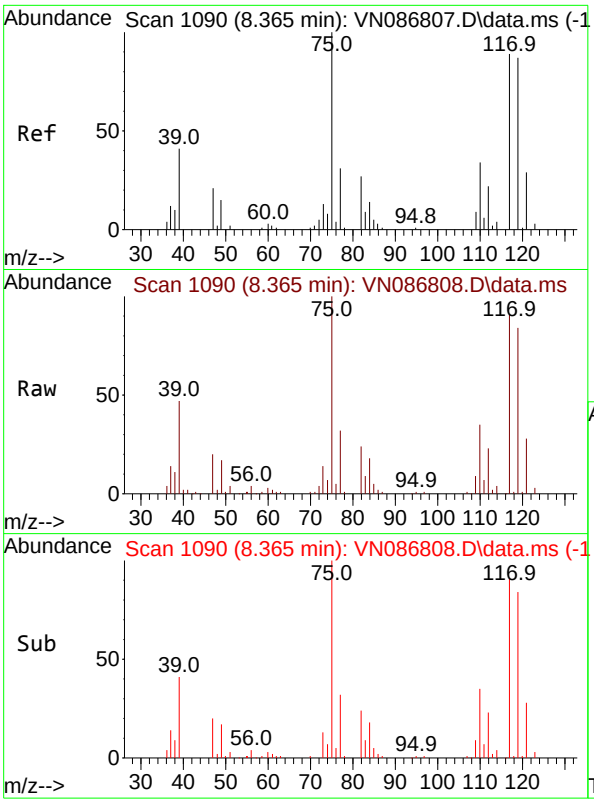


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:114 Resp: 212173

Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.8	23.8
88	15.8	12.9	19.3

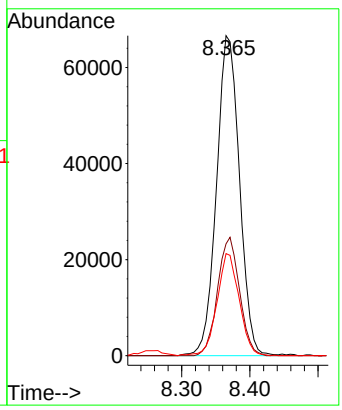




#29
1,1-Dichloropropene
Concen: 50.077 ug/l
RT: 8.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 15621

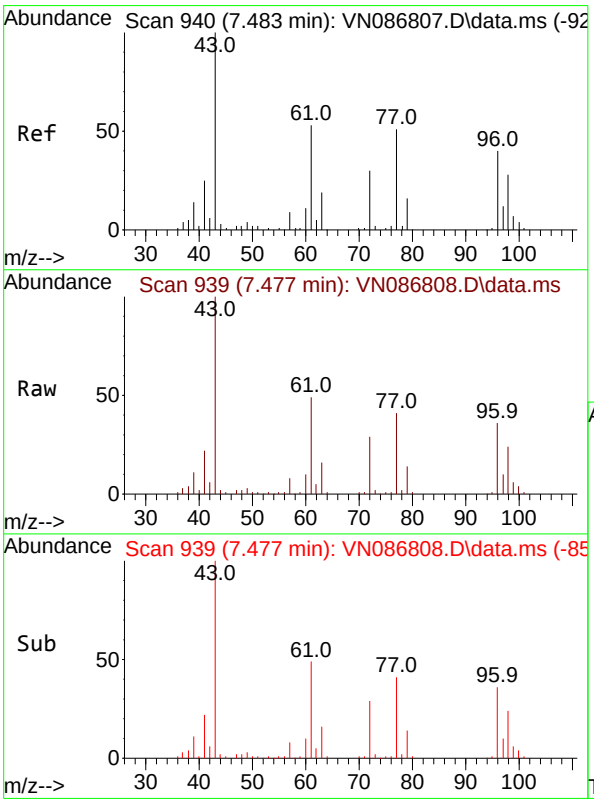
Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	71.0
77	30.8	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

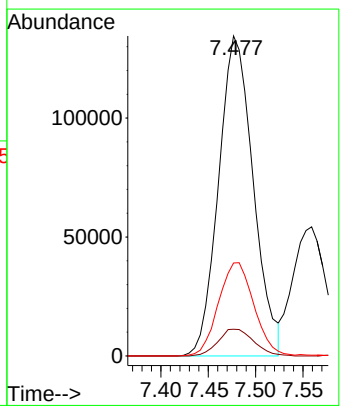
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

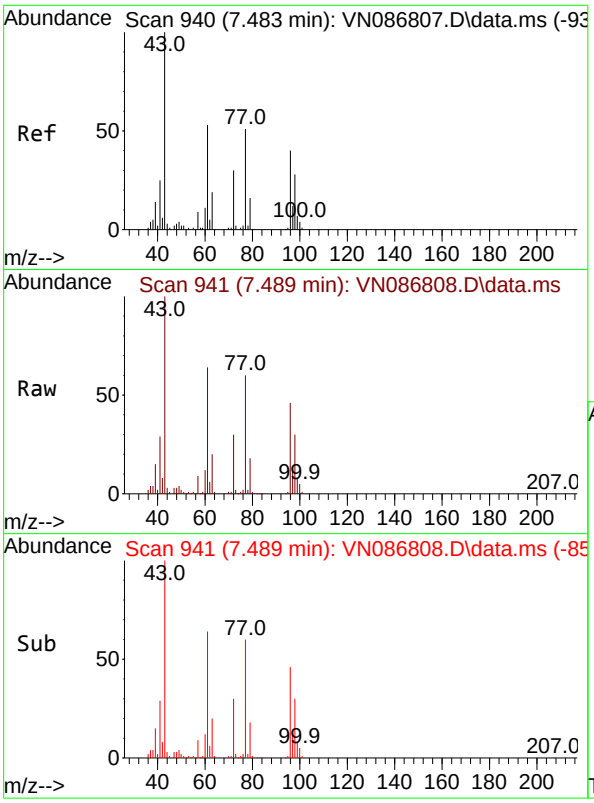


#30
2-Butanone
Concen: 250.734 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 342713

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	29.8	23.4	35.0





#31
2,2-Dichloropropane
Concen: 49.922 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

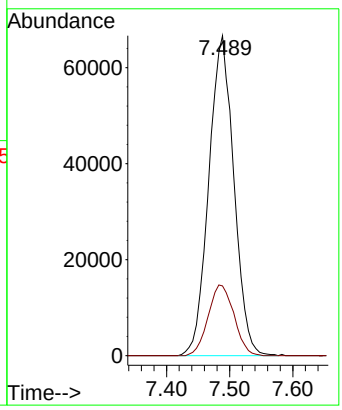
Tgt Ion: 77 Resp: 18383

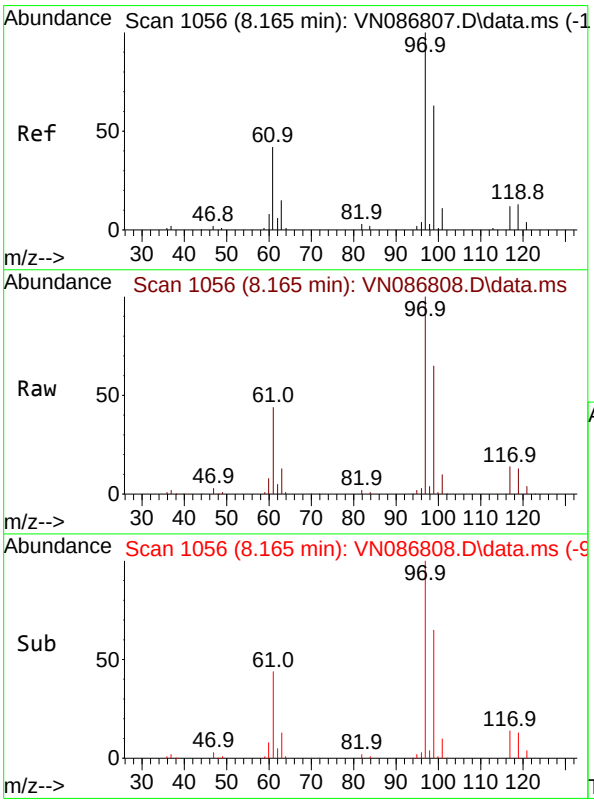
Ion	Ratio	Lower	Upper
77	100		
97	22.7	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

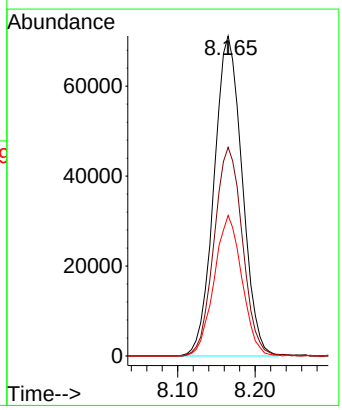


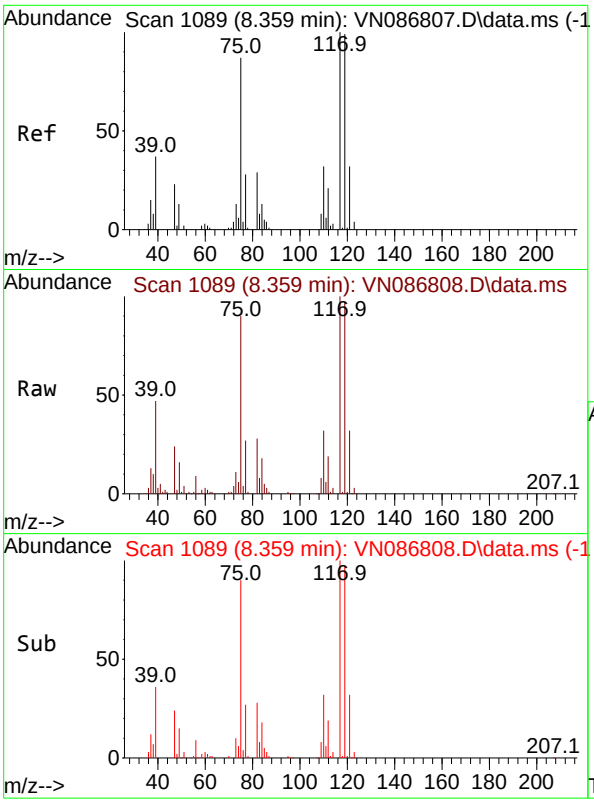


#32
1,1,1-Trichloroethane
Concen: 49.798 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 97 Resp: 180080

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.7	77.5
61	43.3	35.4	53.2

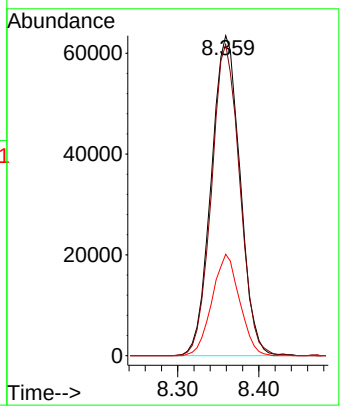




#33
Carbon Tetrachloride
Concen: 50.583 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:117 Resp: 15636

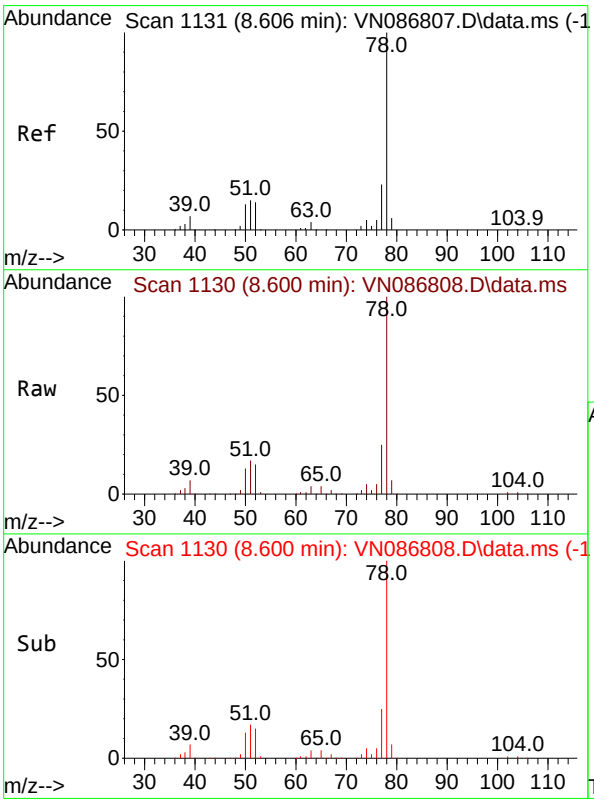
Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.2	118.8
121	31.7	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

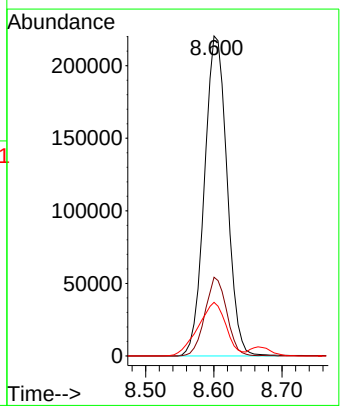
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

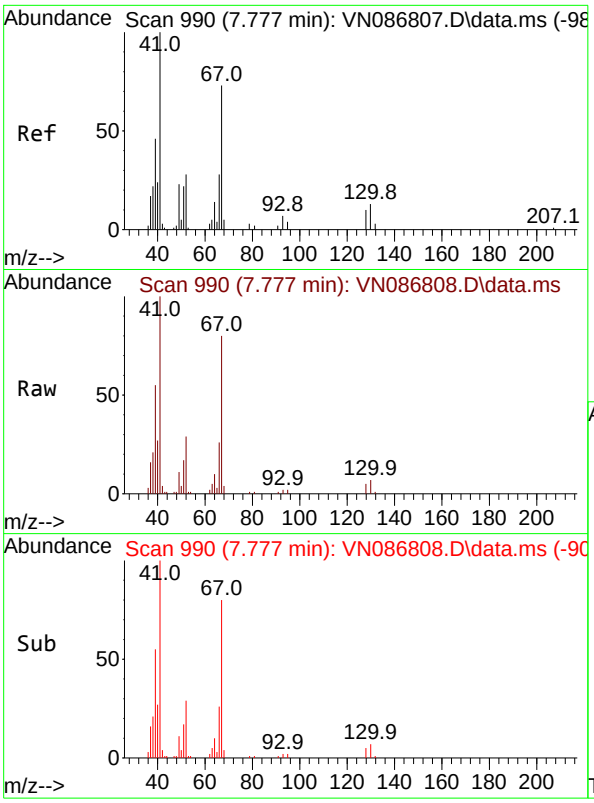


#34
Benzene
Concen: 50.104 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 78 Resp: 508562

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.2	27.2
51	16.1	11.9	17.9

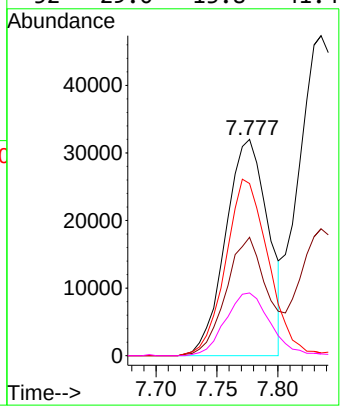




#35
Methacrylonitrile
Concen: 49.465 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 41 Resp: 7766

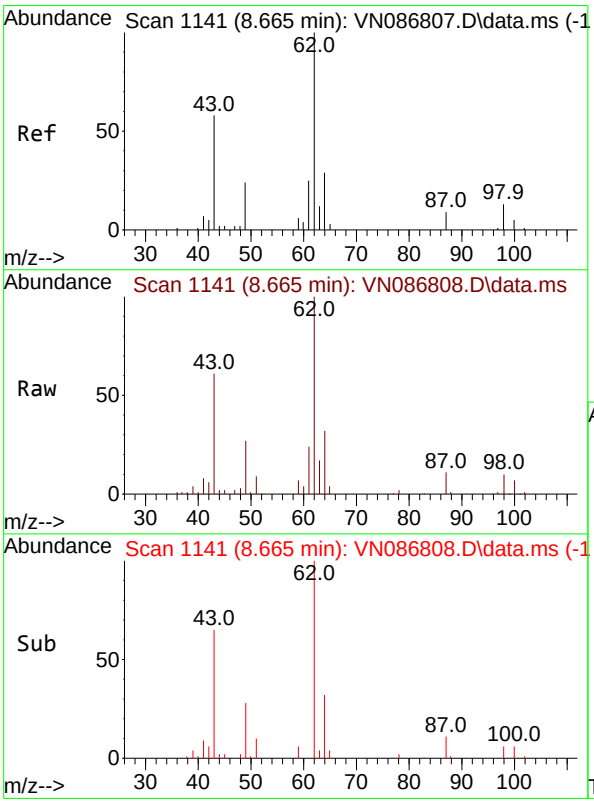
Ion	Ratio	Lower	Upper
41	100		
39	54.7	23.2	69.6
67	79.6	36.5	109.7
52	29.0	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

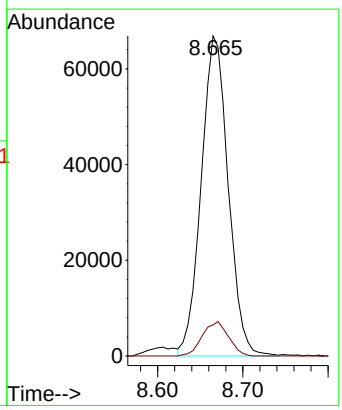
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

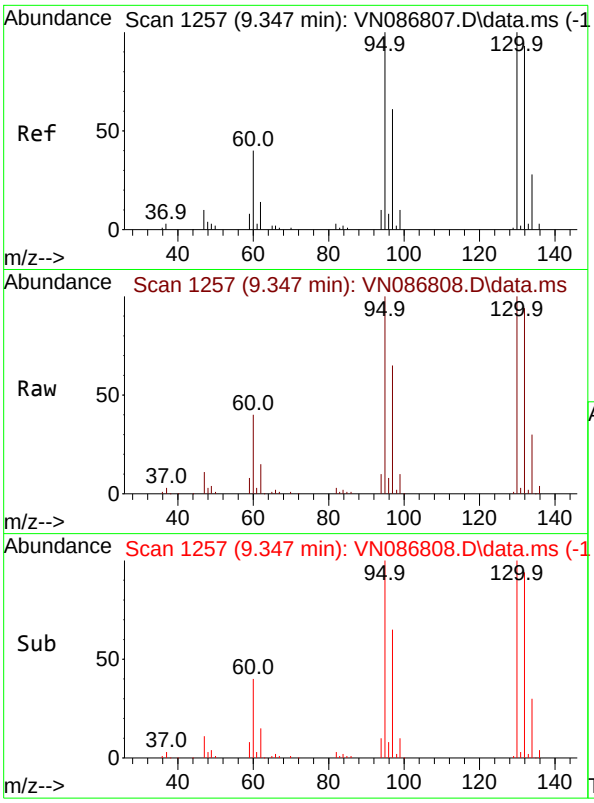


#36
1,2-Dichloroethane
Concen: 49.552 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 62 Resp: 147384

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.5	12.7

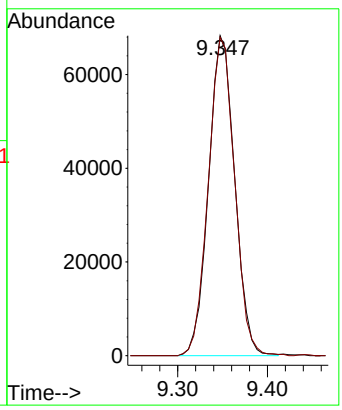




#37
Trichloroethene
Concen: 49.044 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:130 Resp: 13808

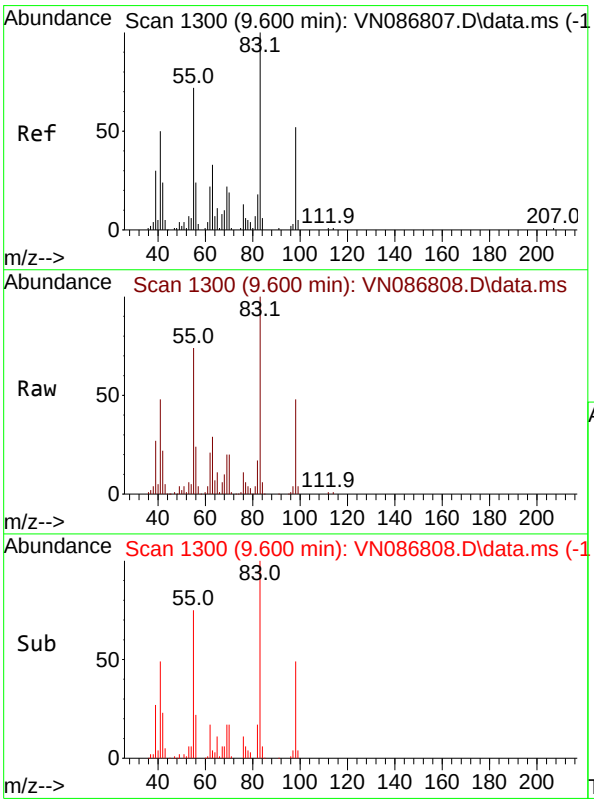
Ion	Ratio	Lower	Upper
130	100		
95	99.5	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

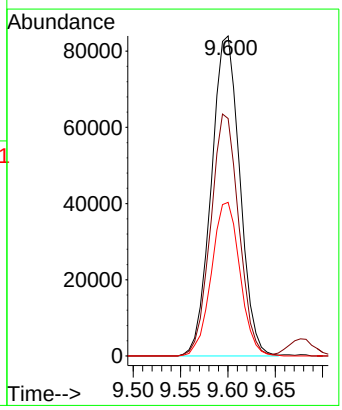
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

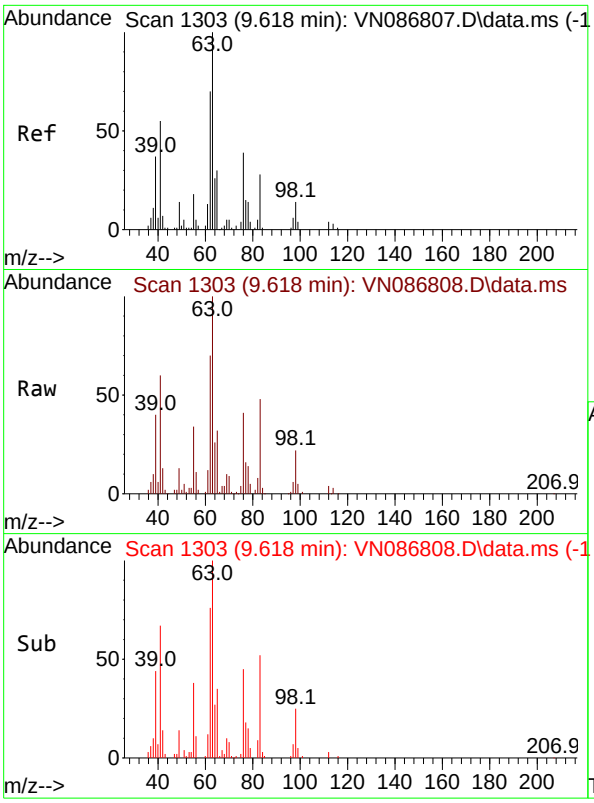


#38
Methylcyclohexane
Concen: 50.836 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 83 Resp: 175956

Ion	Ratio	Lower	Upper
83	100		
55	74.5	37.4	112.1
98	48.0	24.6	73.6





#39
1,2-Dichloropropane
Concen: 49.730 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

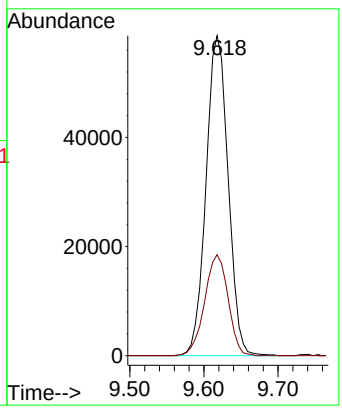
Tgt Ion: 63 Resp: 12152

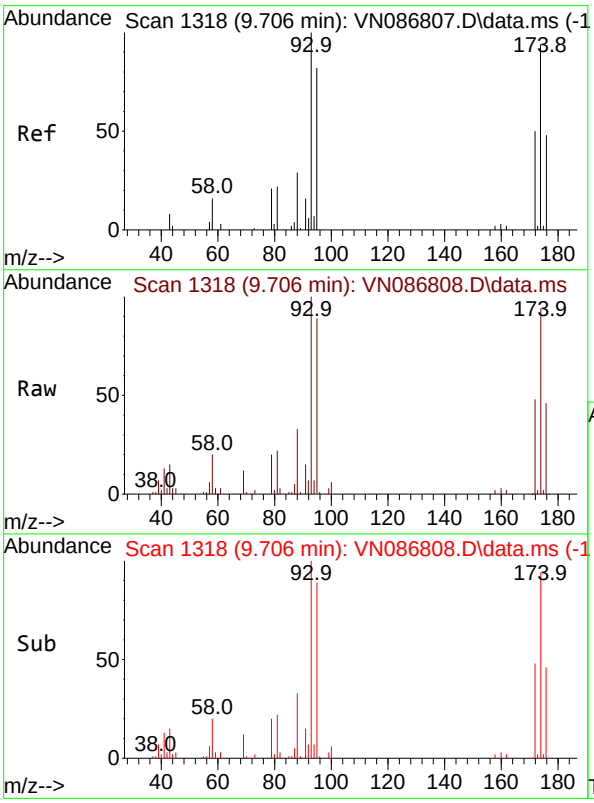
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.2	36.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

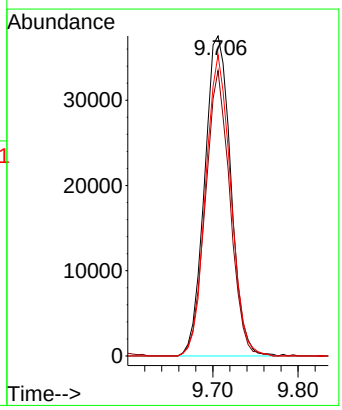


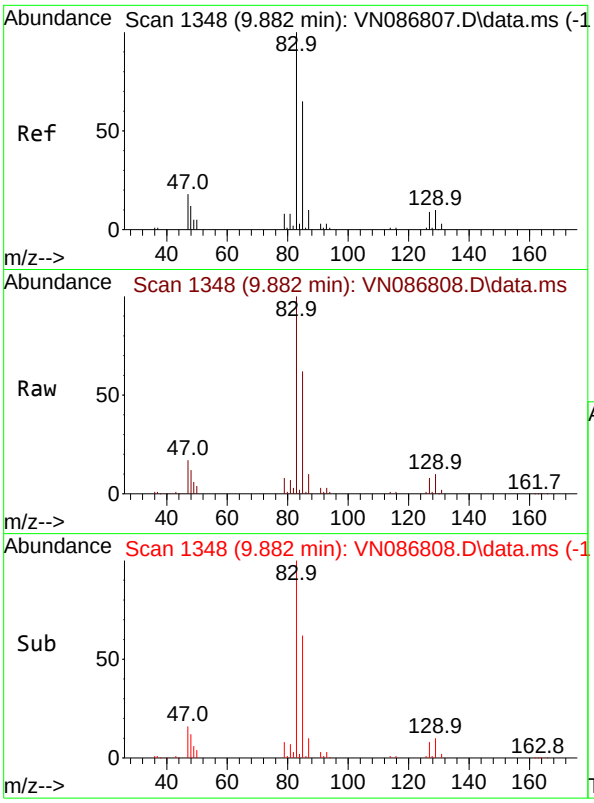


#40
Dibromomethane
Concen: 50.142 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 93 Resp: 80141

Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	166.4
174	90.2	0.0	181.8

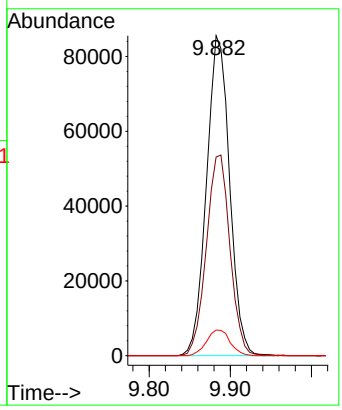




#41
Bromodichloromethane
Concen: 50.546 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 83 Resp: 16910

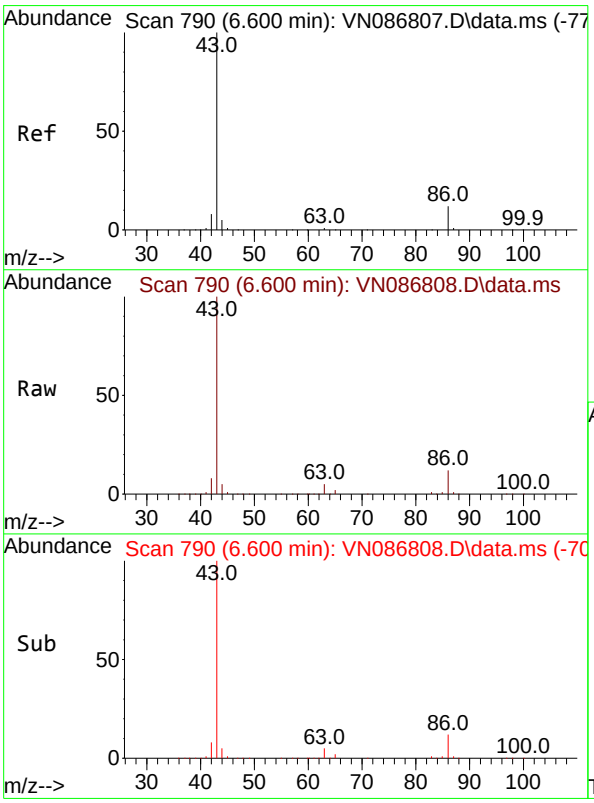
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	8.0	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

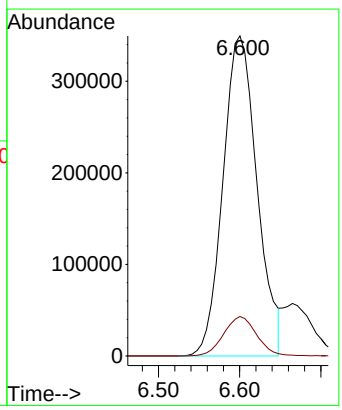
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

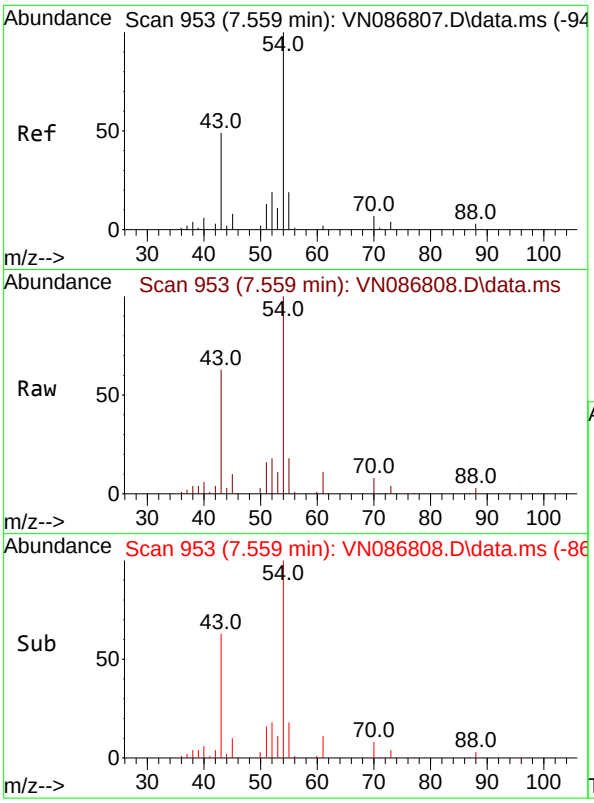


#42
Vinyl Acetate
Concen: 256.515 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 1022005

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.5	14.3





#43
Ethyl Acetate
Concen: 49.082 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

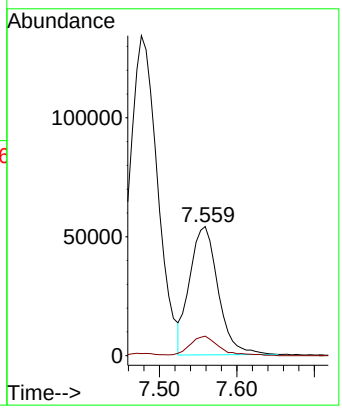
Tgt Ion: 43 Resp: 13727

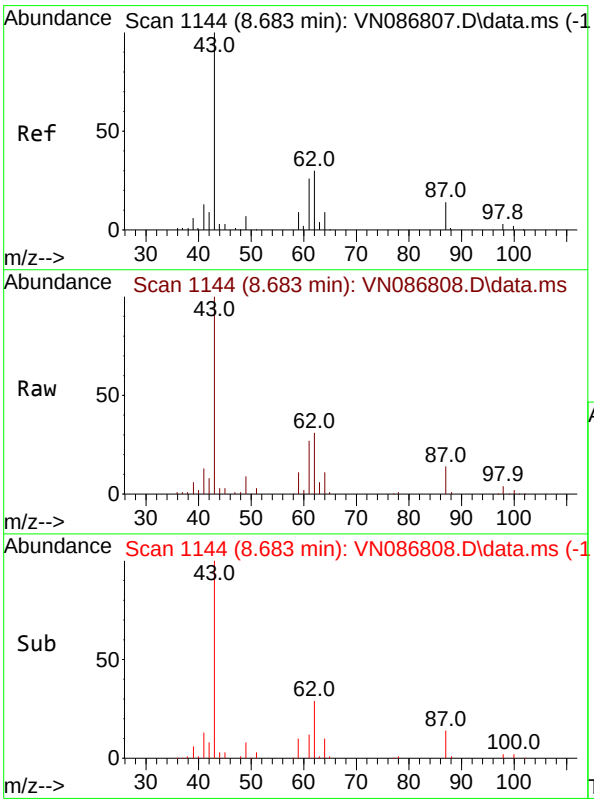
Ion	Ratio	Lower	Upper
43	100		
45	15.1	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

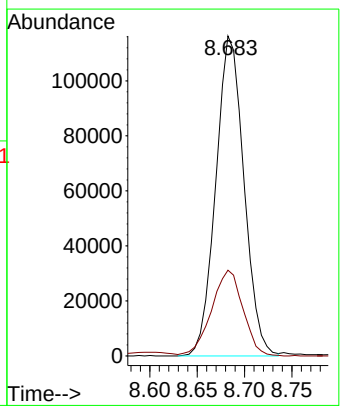


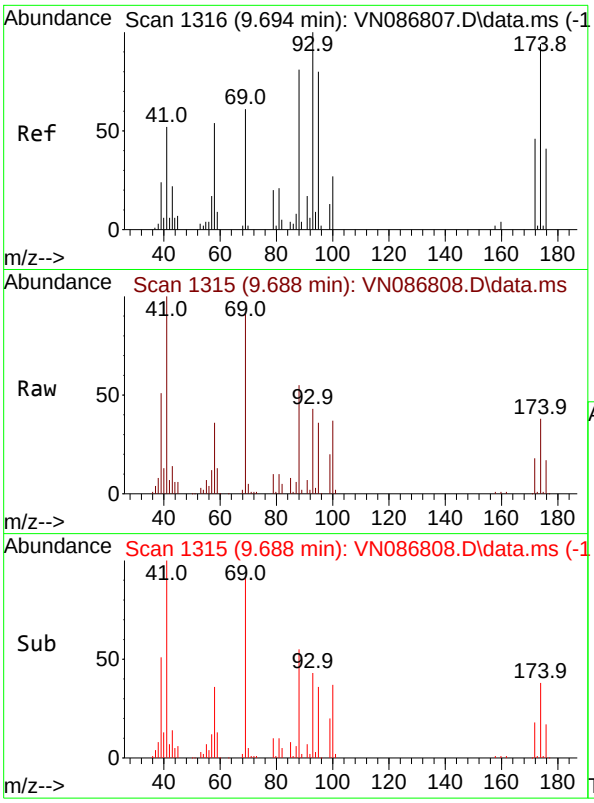


#44
Isopropyl Acetate
Concen: 50.186 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 240786

Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.8	35.6

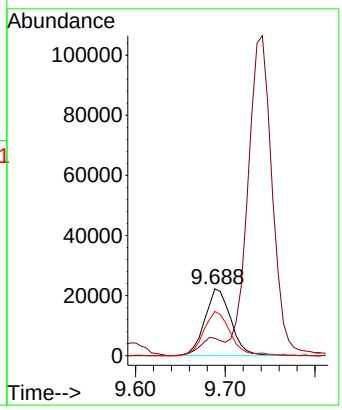




#45
1,4-Dioxane
Concen: 1047.904 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 88 Resp: 4468

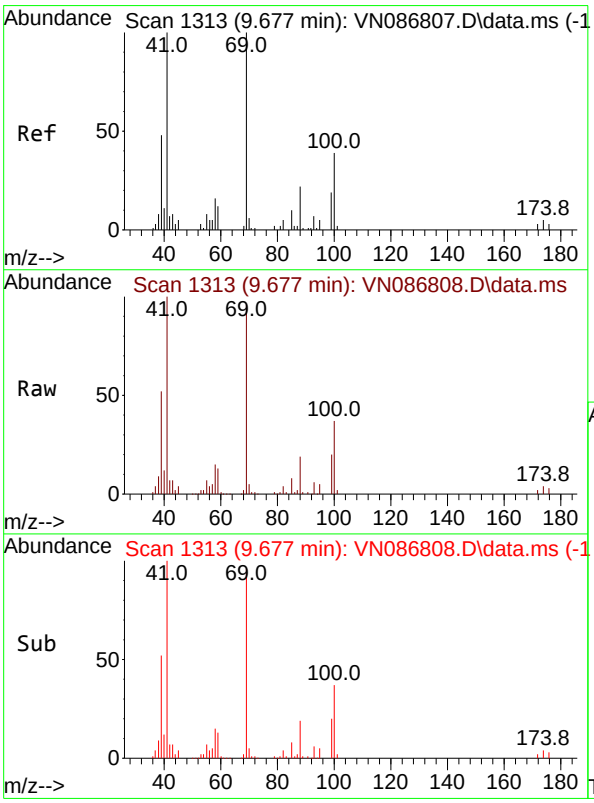
Ion	Ratio	Lower	Upper
88	100		
43	25.1	23.0	34.6
58	67.0	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

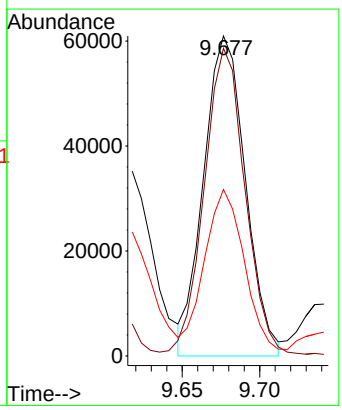
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

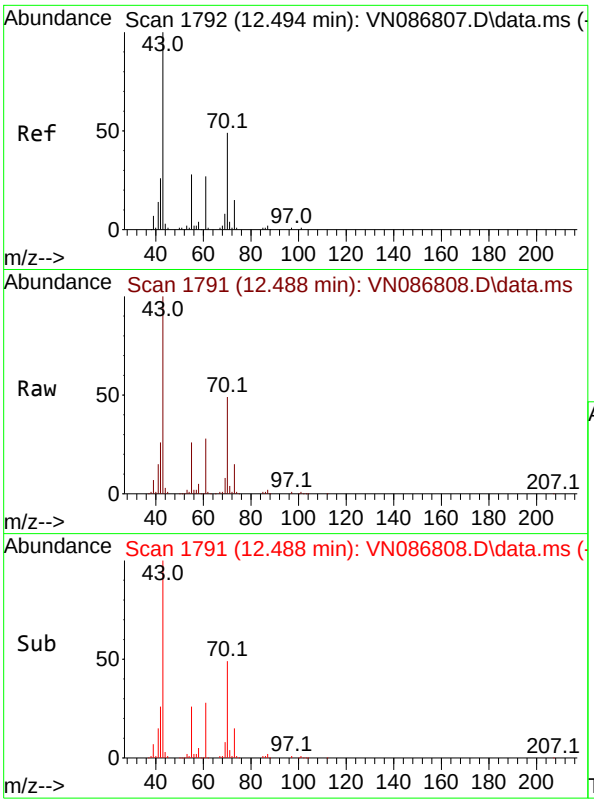


#46
Methyl methacrylate
Concen: 51.702 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 41 Resp: 114379

Ion	Ratio	Lower	Upper
41	100		
69	97.5	48.0	144.2
39	52.2	23.8	71.2

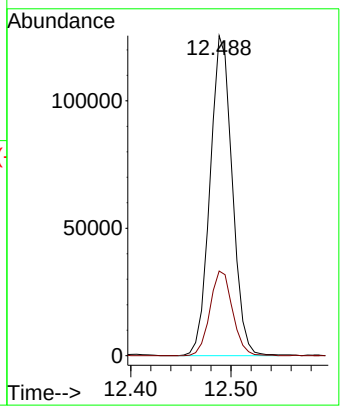




#47
n-amyl Acetate
Concen: 50.074 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 19287

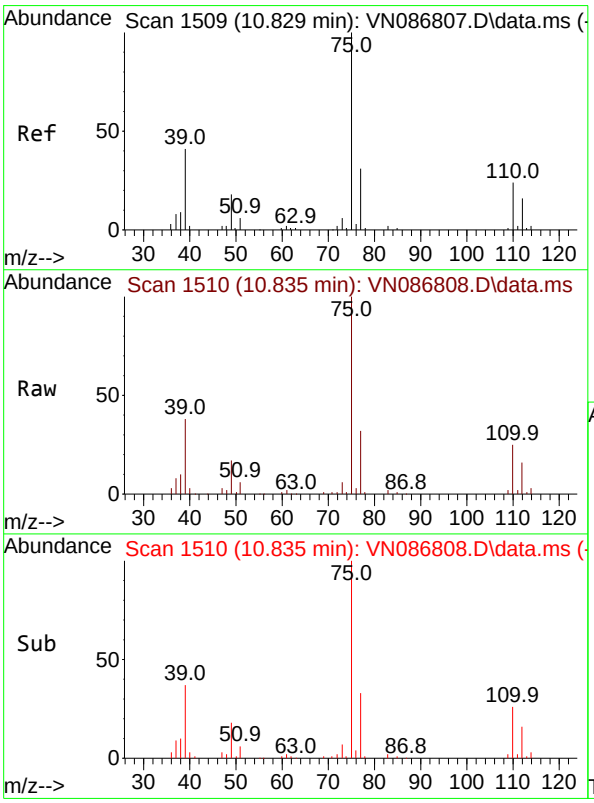
Ion	Ratio	Lower	Upper
43	100		
55	26.9	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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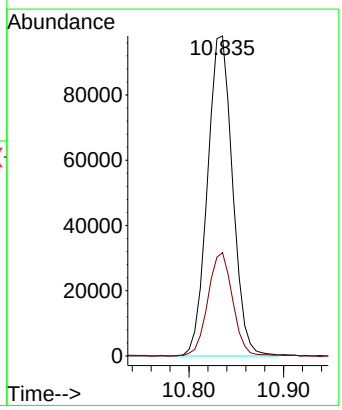
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

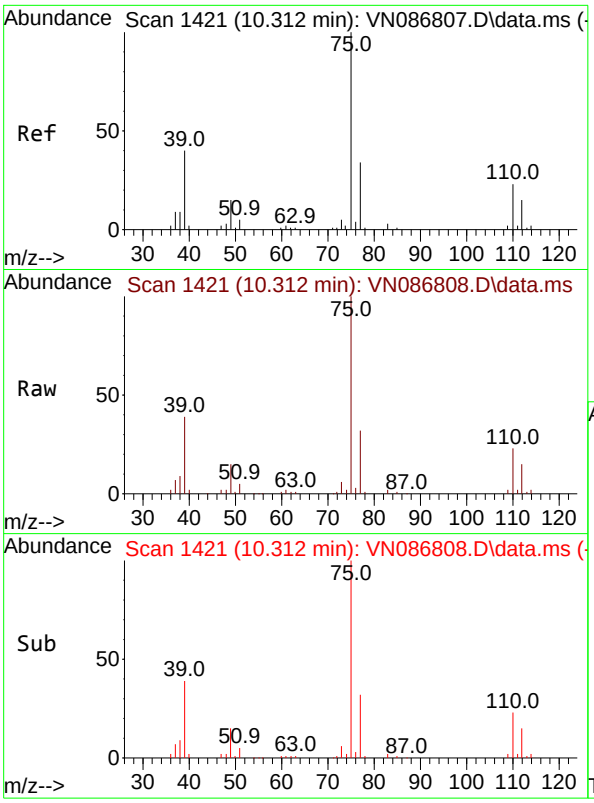


#48
t-1,3-Dichloropropene
Concen: 50.515 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 180849

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

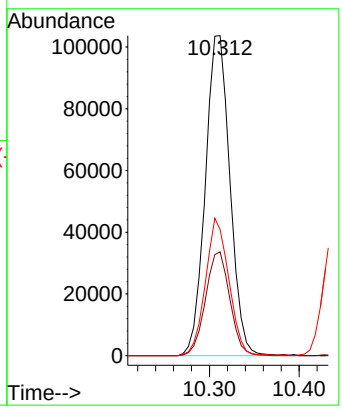




#49
cis-1,3-Dichloropropene
Concen: 50.195 ug/l
RT: 10.312 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 19766

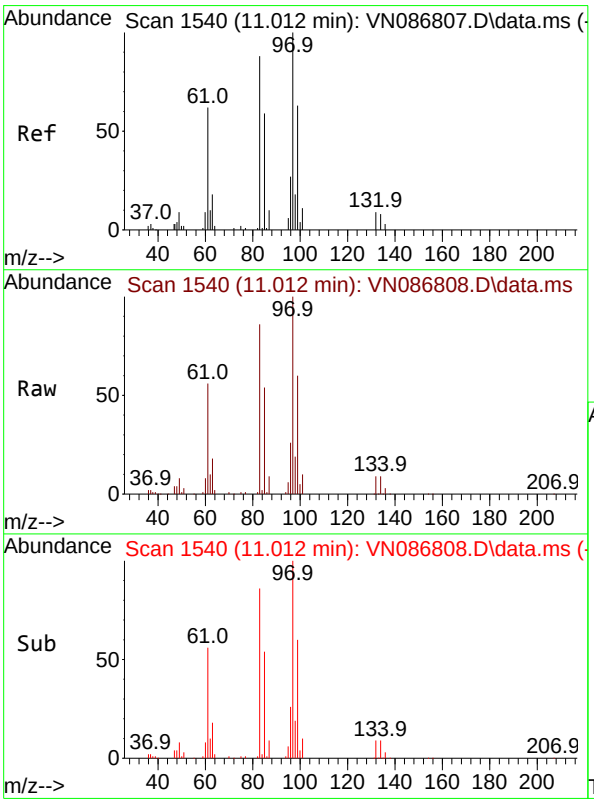
Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.9	40.3
39	39.4	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

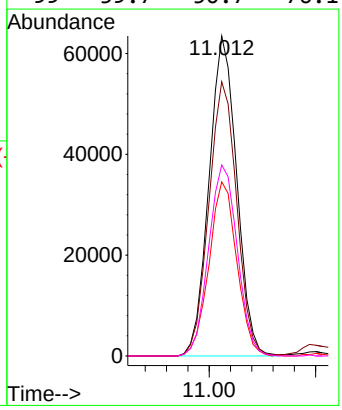
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

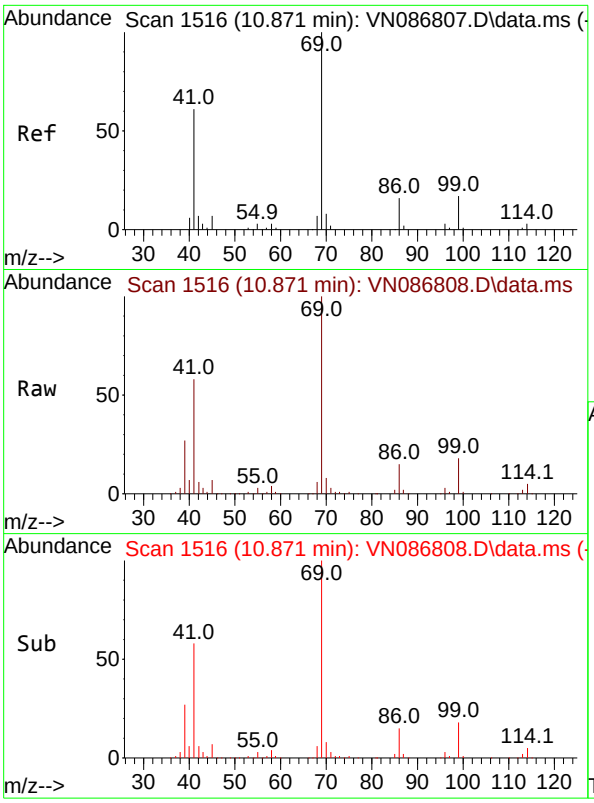


#50
1,1,2-Trichloroethane
Concen: 50.856 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 97 Resp: 114479

Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.6	105.8
85	54.4	46.8	70.2
99	59.7	50.7	76.1

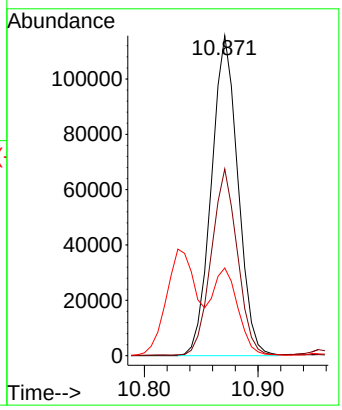




#51
Ethyl methacrylate
Concen: 51.515 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 69 Resp: 18780

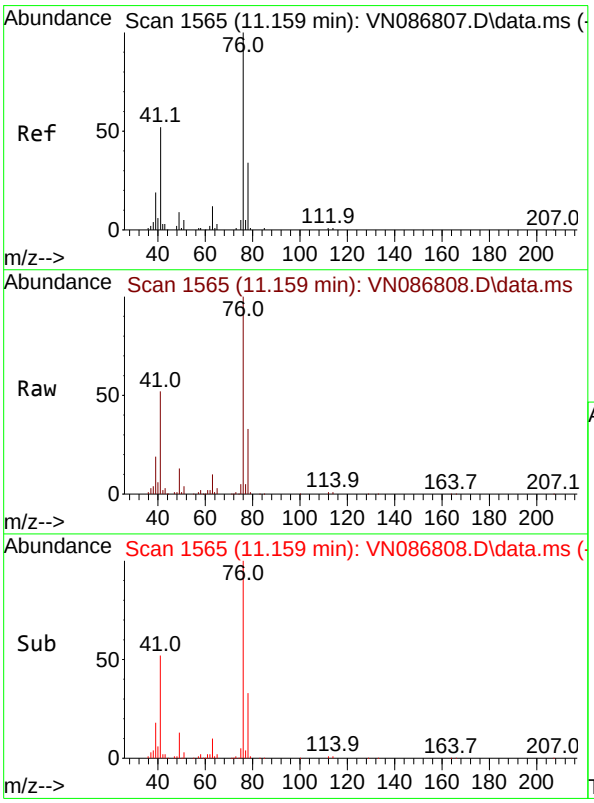
Ion	Ratio	Lower	Upper
69	100		
41	58.1	30.5	91.5
39	27.2	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

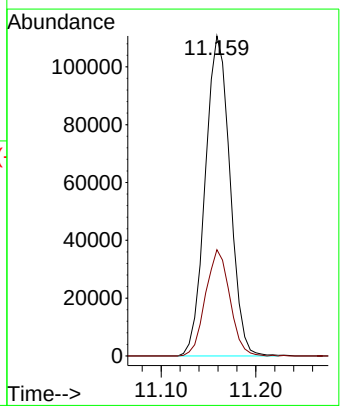
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

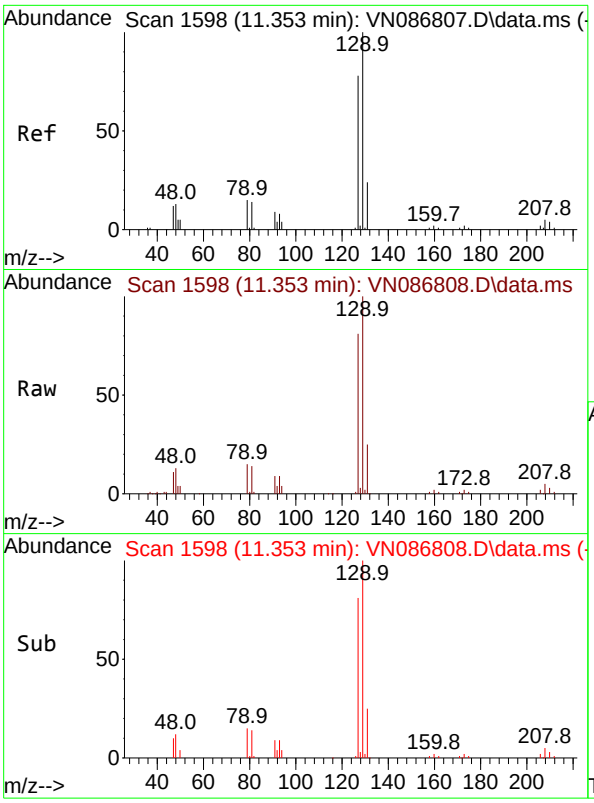


#52
1,3-Dichloropropane
Concen: 50.120 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 76 Resp: 200223

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	64.6





#53
Dibromochloromethane
Concen: 49.708 ug/l
RT: 11.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

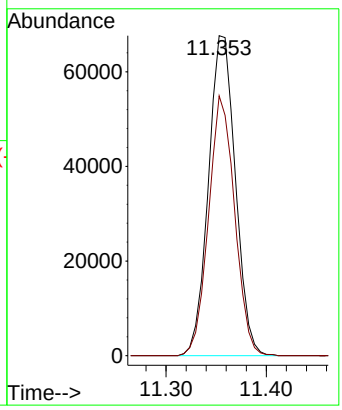
Tgt Ion:129 Resp: 12644

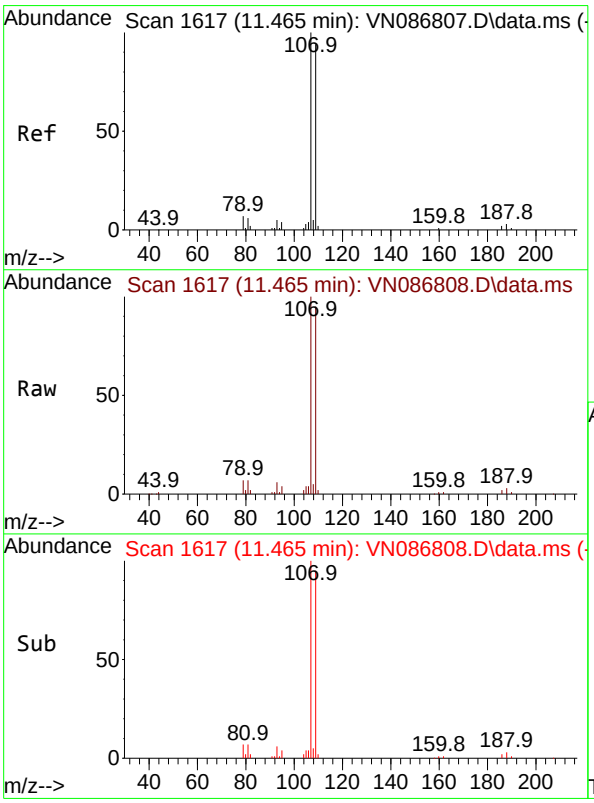
Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.1	117.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

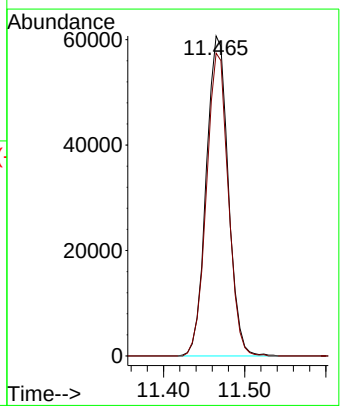


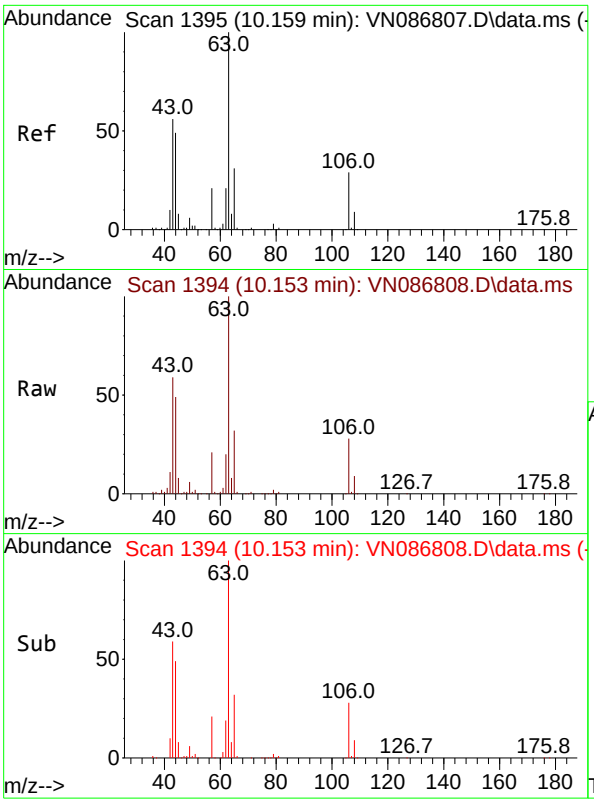


#54
1,2-Dibromoethane
Concen: 49.608 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:107 Resp: 114146

Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.6





#55
2-Chloroethyl vinyl ether
Concen: 254.433 ug/l
RT: 10.153 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

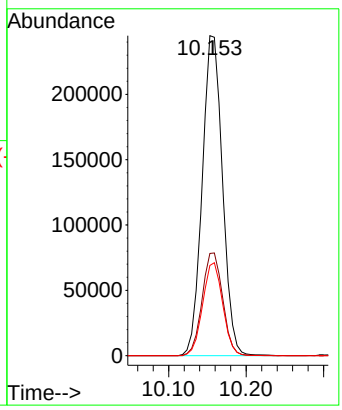
Tgt Ion: 63 Resp: 44524

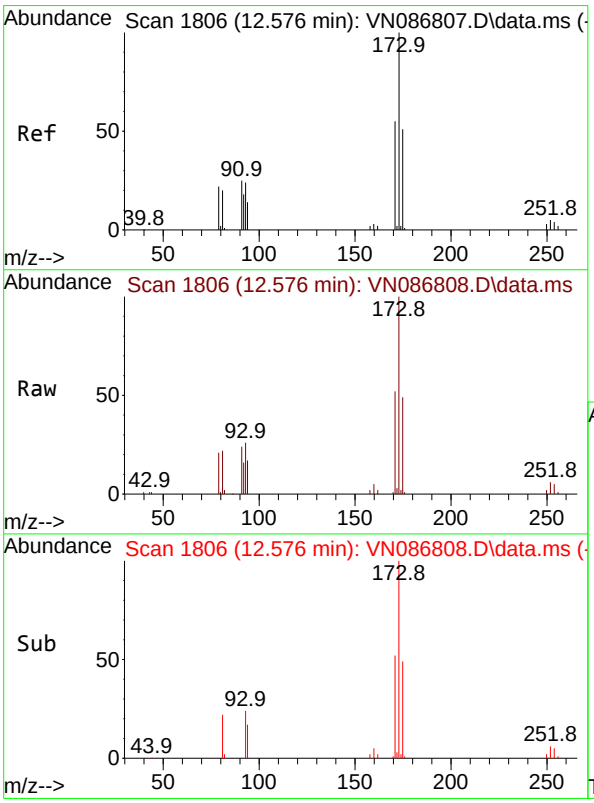
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.7	38.5
106	28.8	22.7	34.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

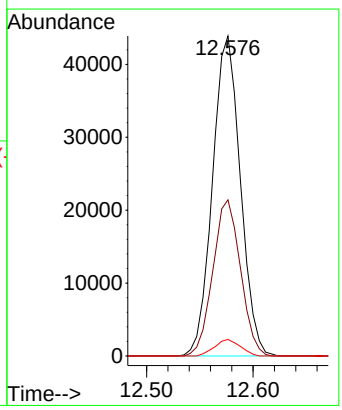


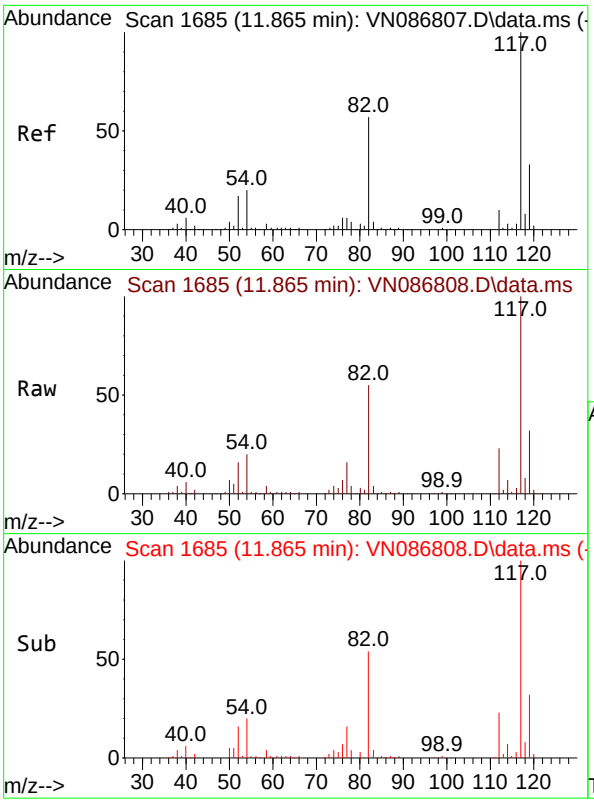


#56
Bromoform
Concen: 49.687 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:173 Resp: 79637

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.7	59.5
254	4.7	3.5	5.3

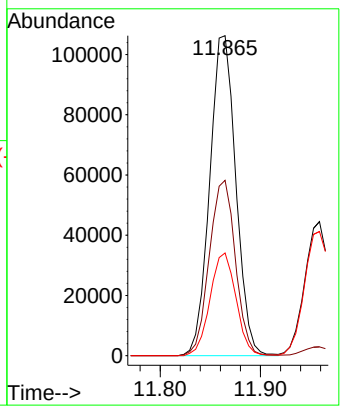




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:117 Resp: 19244

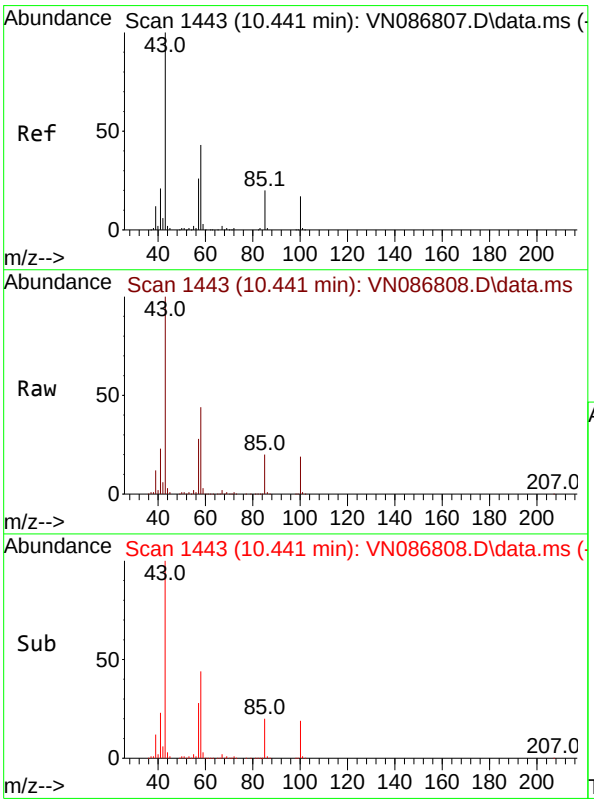
Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.7	67.1
119	31.8	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

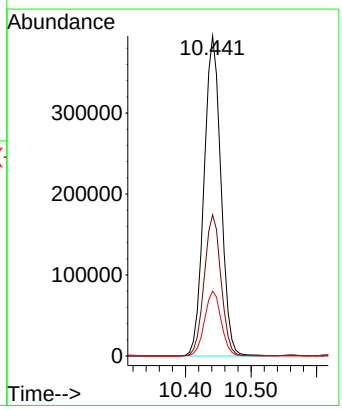
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

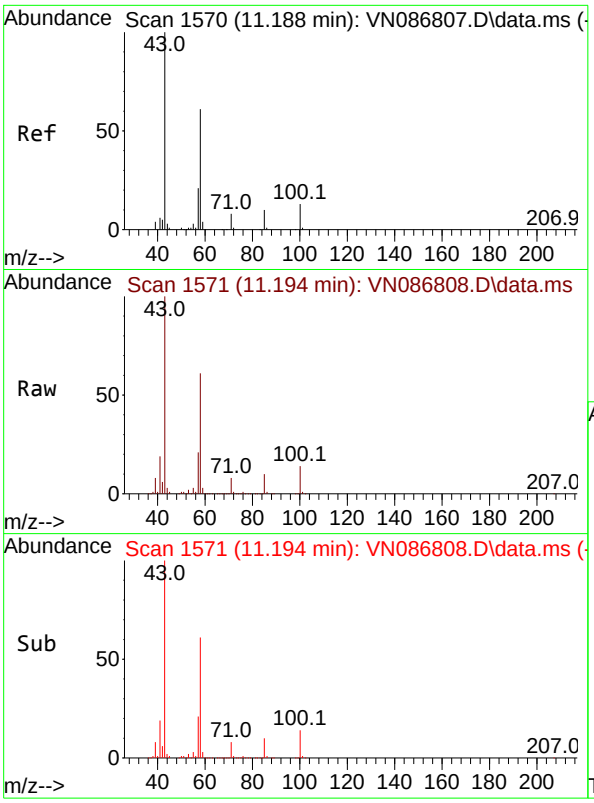


#58
4-Methyl-2-Pentanone
Concen: 250.849 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 43 Resp: 708363

Ion	Ratio	Lower	Upper
43	100		
58	43.8	34.5	51.7
85	19.9	15.8	23.8





#59
2-Hexanone
Concen: 251.677 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

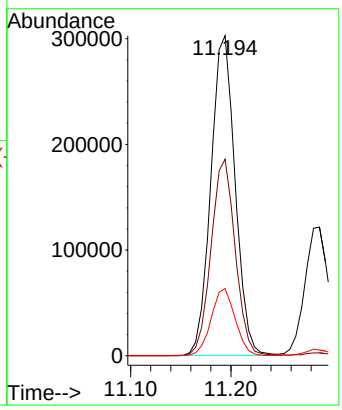
Tgt Ion: 43 Resp: 50907

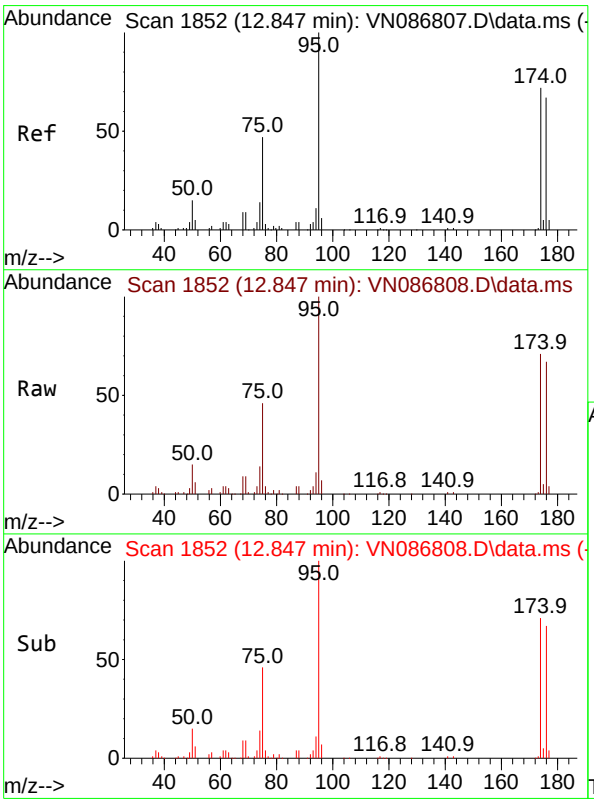
Ion	Ratio	Lower	Upper
43	100		
58	61.2	49.1	73.7
57	20.9	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

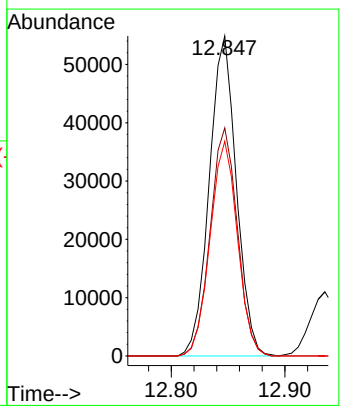


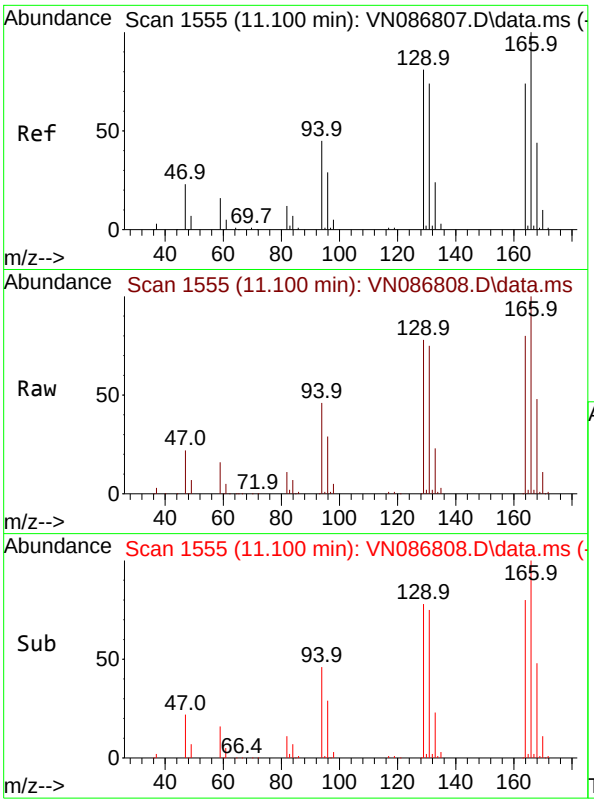


#60
4-Bromofluorobenzene
Concen: 30.068 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 95 Resp: 90850

Ion	Ratio	Lower	Upper
95	100		
174	71.7	56.2	84.4
176	67.8	53.4	80.0

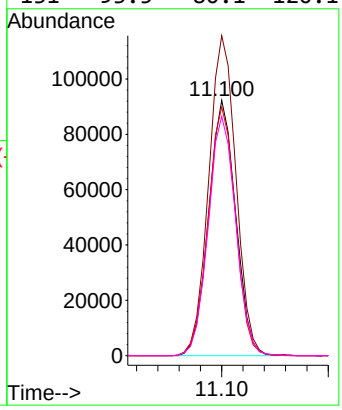




#61
Tetrachloroethene
Concen: 50.391 ug/l
RT: 11.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:164 Resp: 16301

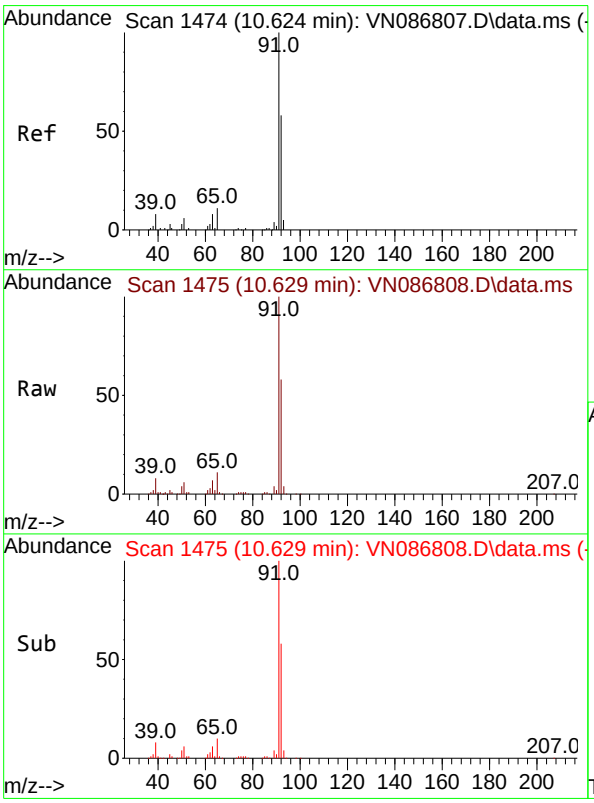
Ion	Ratio	Lower	Upper
164	100		
166	125.1	107.5	161.3
129	97.2	87.4	131.2
131	93.5	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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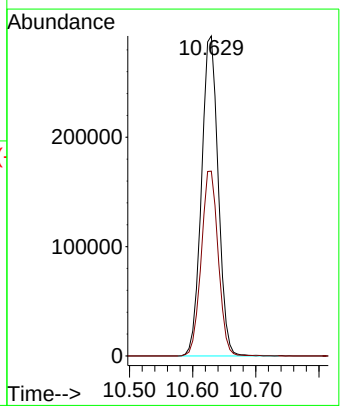
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

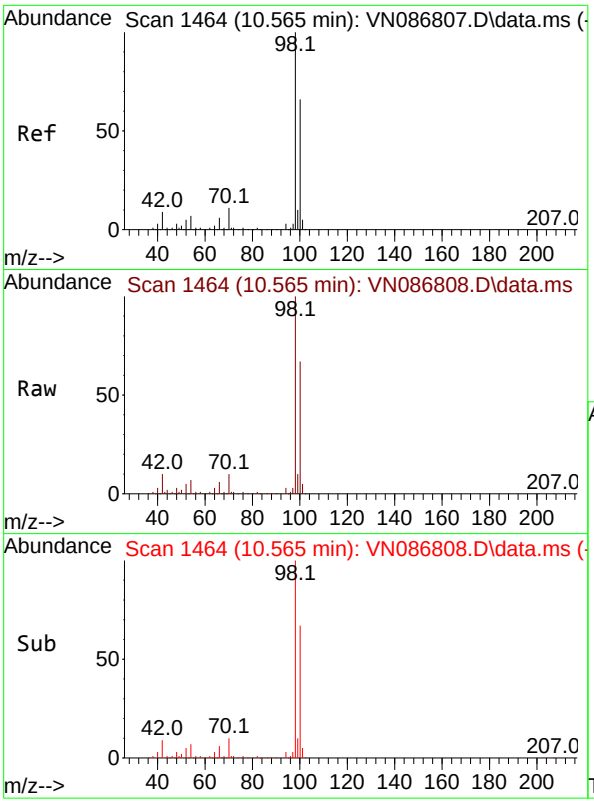


#62
Toluene
Concen: 49.704 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 538722

Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	70.0





#63
Toluene-d8
Concen: 30.033 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

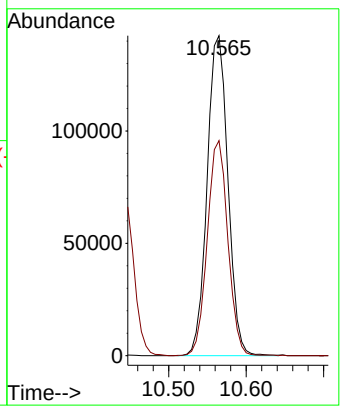
Tgt Ion: 98 Resp: 26528

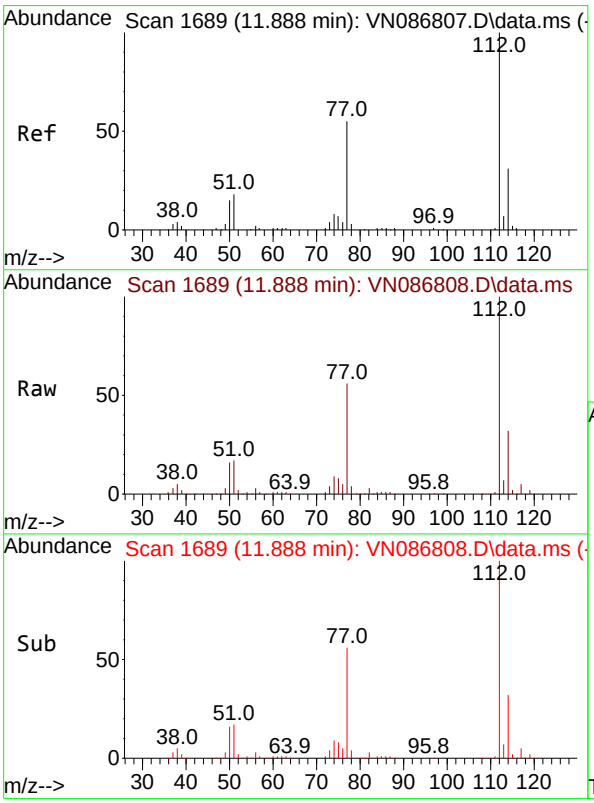
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

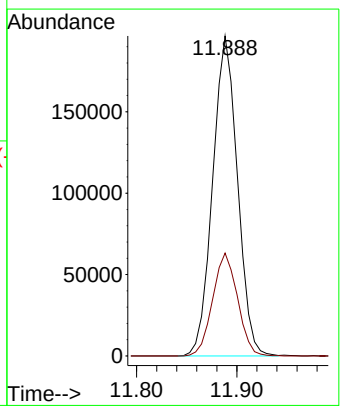


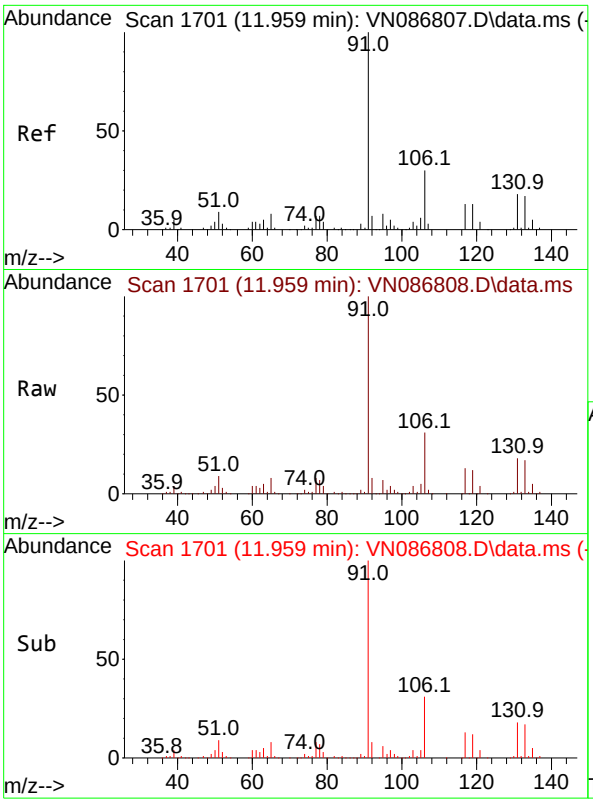


#64
Chlorobenzene
Concen: 48.866 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:112 Resp: 337771

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 49.666 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

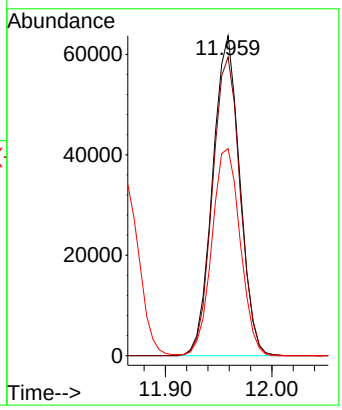
Tgt Ion:131 Resp: 11278

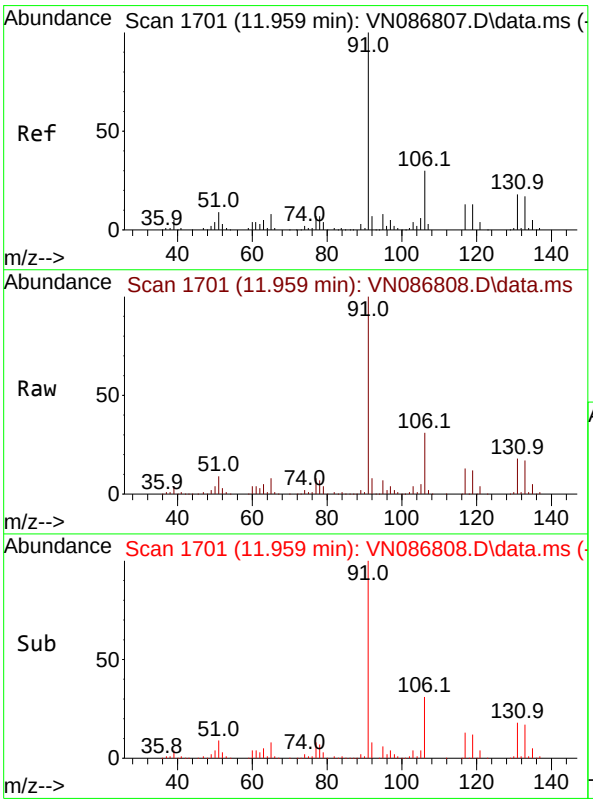
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	191.0
119	67.4	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

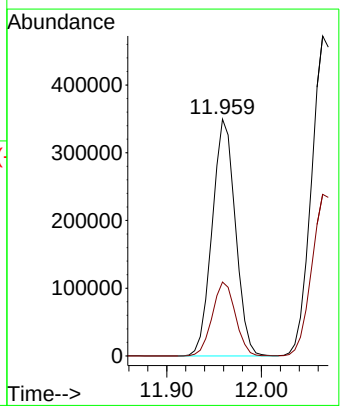


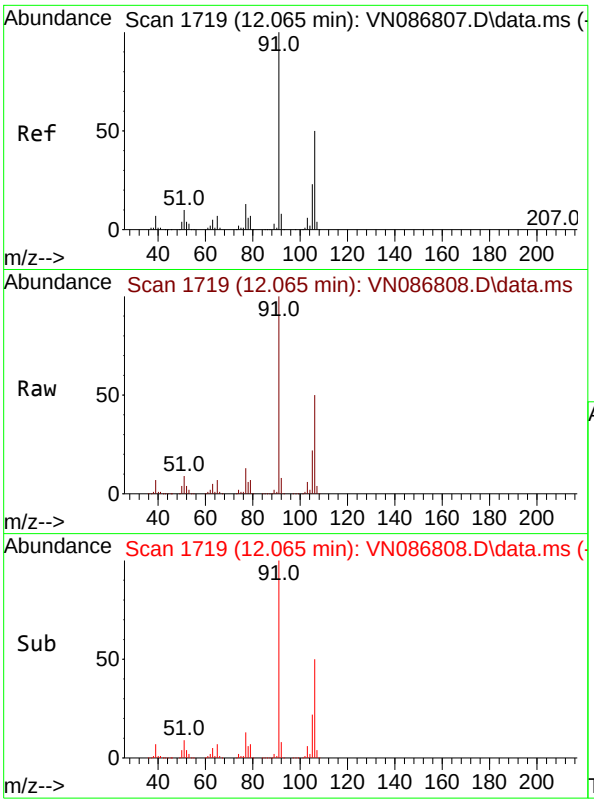


#66
Ethyl Benzene
Concen: 50.800 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 595548

Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.6	35.4





#67
m/p-Xylenes
Concen: 101.259 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

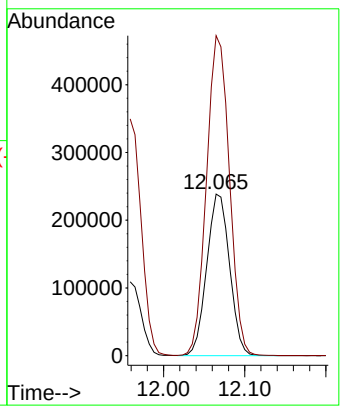
Tgt Ion:106 Resp: 46583

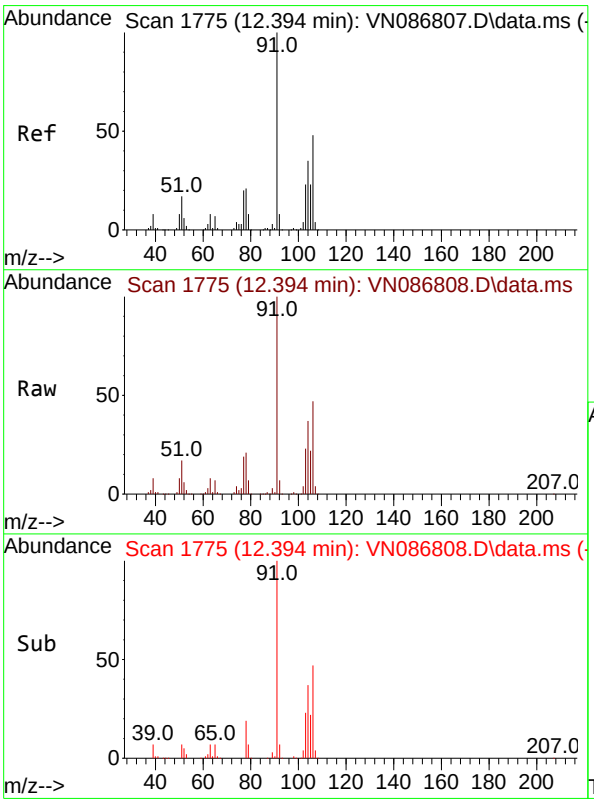
Ion	Ratio	Lower	Upper
106	100		
91	198.9	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

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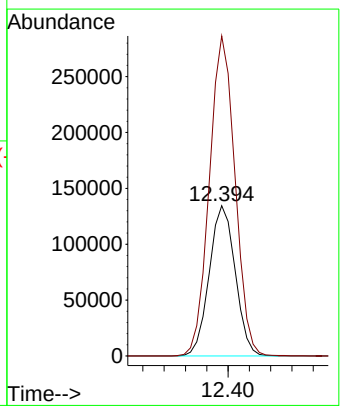


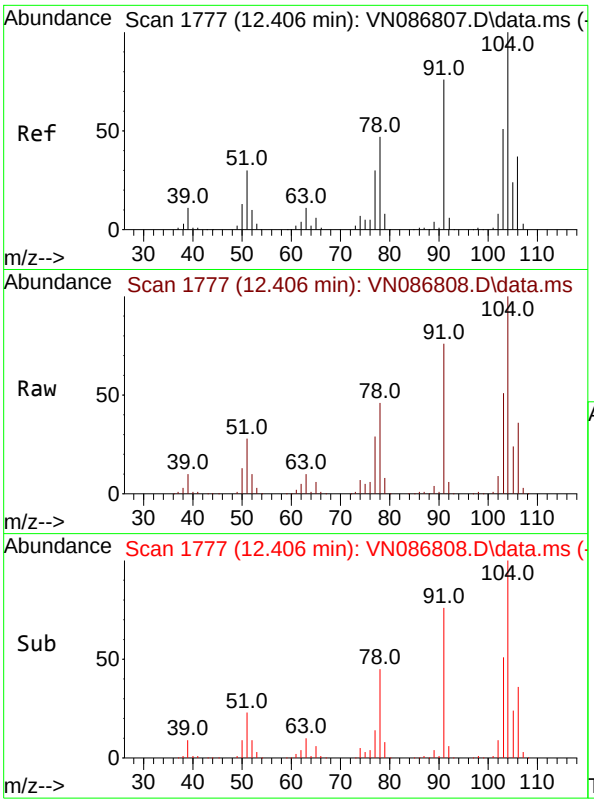


#68
o-Xylene
Concen: 51.022 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:106 Resp: 227480

Ion	Ratio	Lower	Upper
106	100		
91	210.6	106.3	318.9

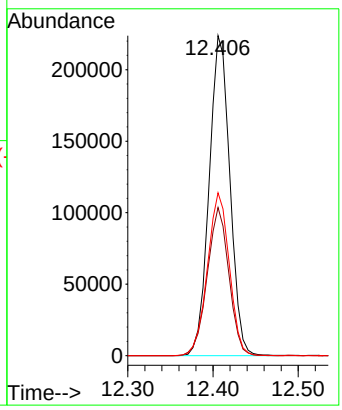




#69
Styrene
Concen: 51.108 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:104 Resp: 37962

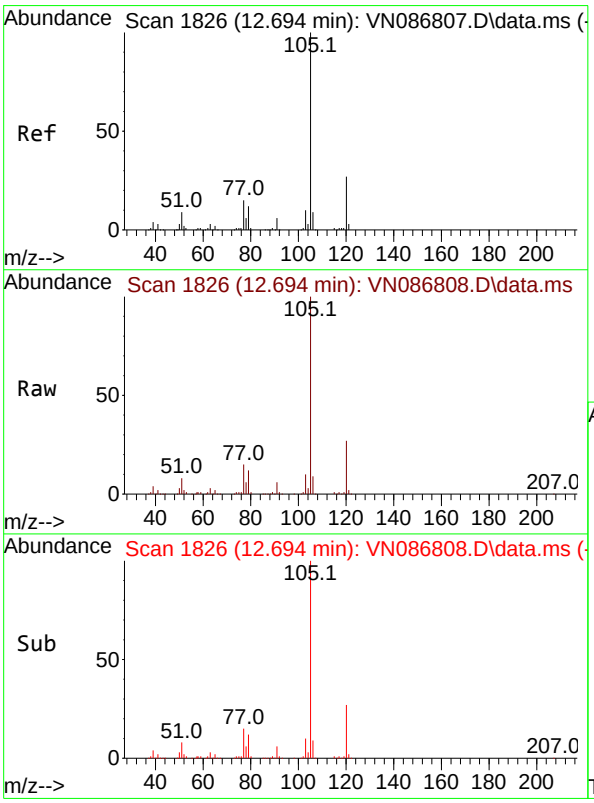
Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.6	57.8
103	53.6	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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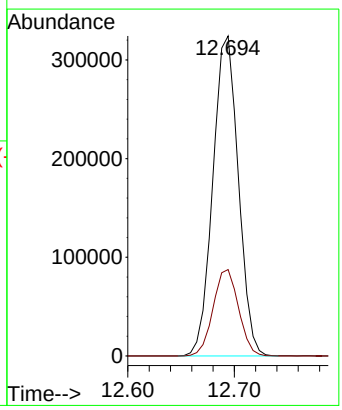
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

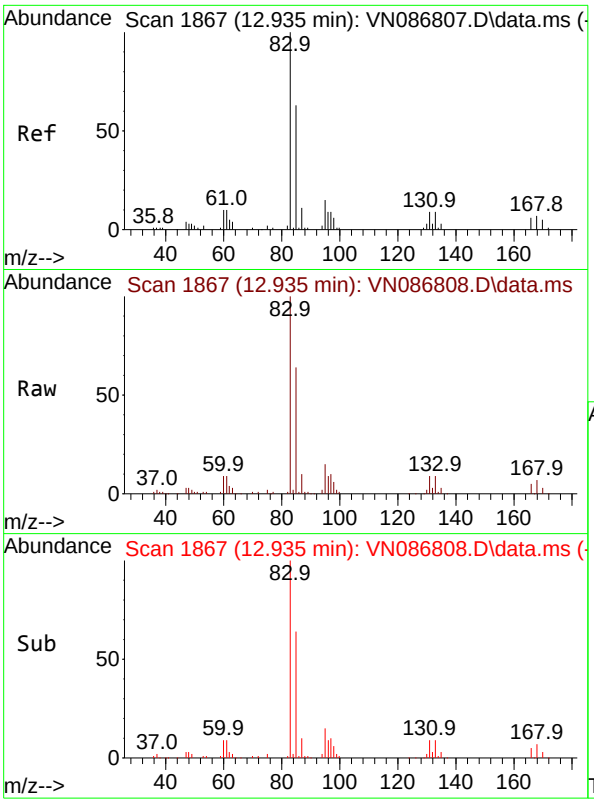


#70
Isopropylbenzene
Concen: 50.838 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 539101

Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.0	35.2

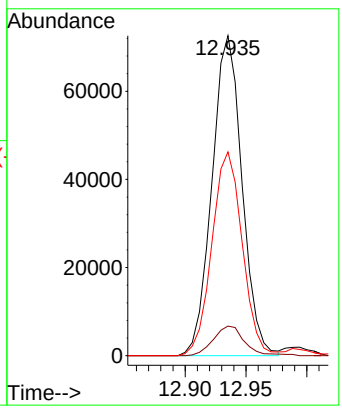




#71
1,1,2,2-Tetrachloroethane
Concen: 49.545 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 83 Resp: 12491

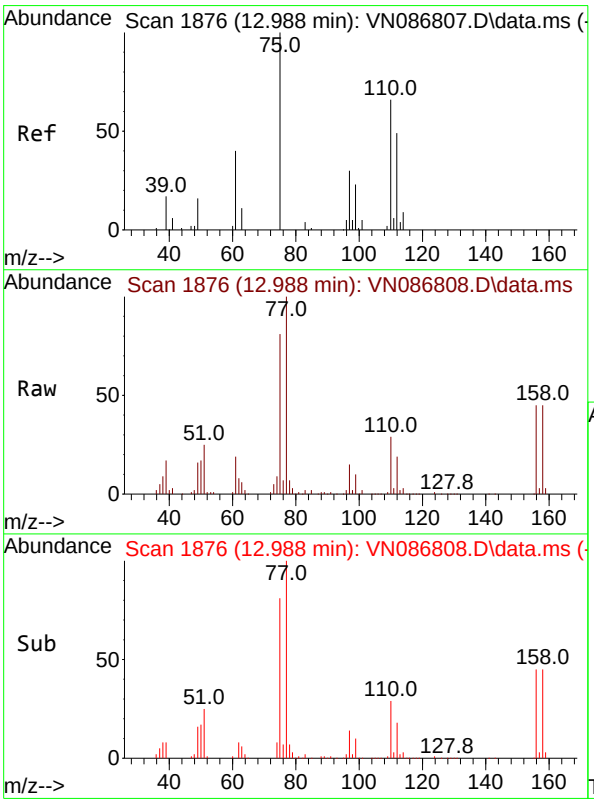
Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.0	15.0
85	64.2	32.6	97.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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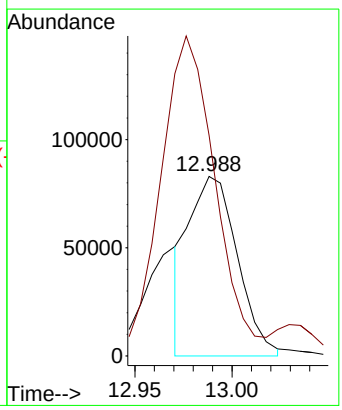
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

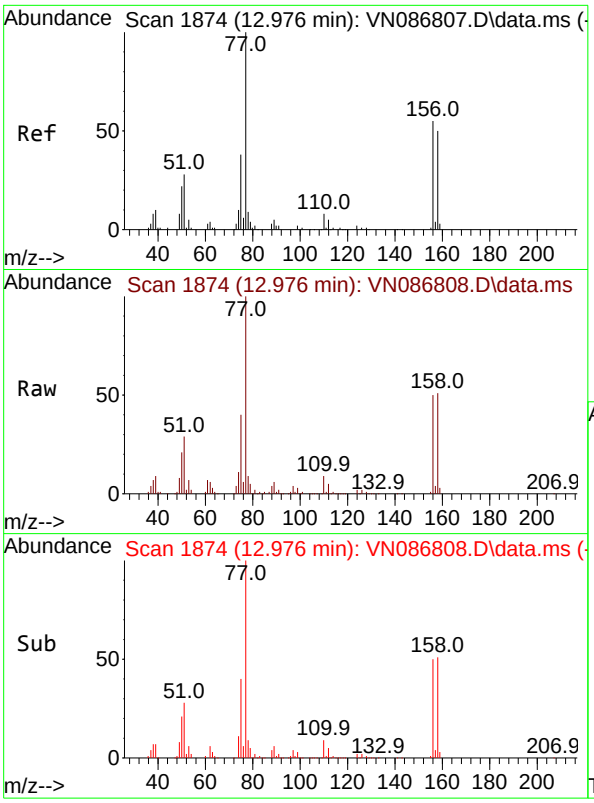


#72
1,2,3-Trichloropropane
Concen: 46.634 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 144849

Ion	Ratio	Lower	Upper
75	100		
77	201.2	0.0	390.6





#73
Bromobenzene
Concen: 49.356 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

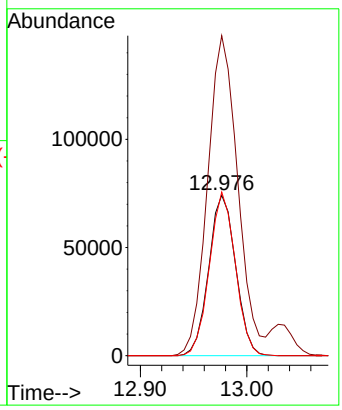
Tgt Ion:156 Resp: 13008

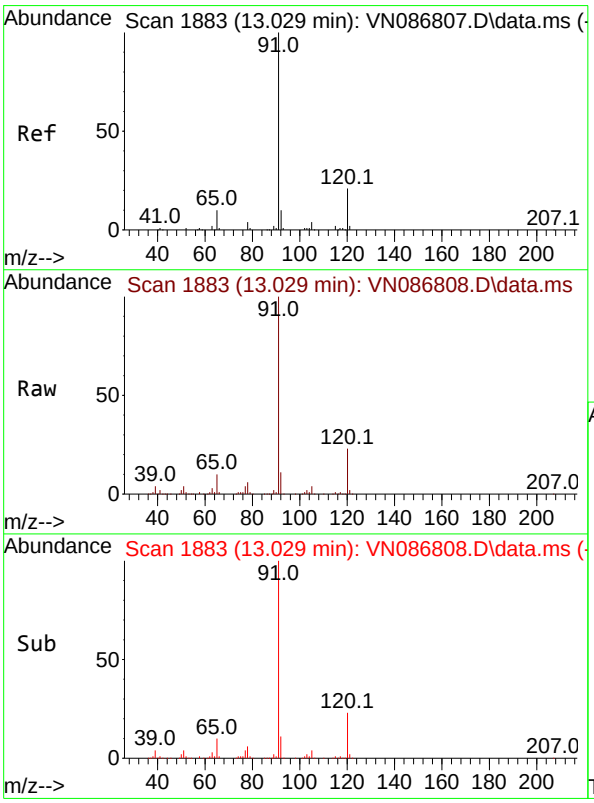
Ion	Ratio	Lower	Upper
156	100		
77	224.0	0.0	442.0
158	98.3	0.0	191.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

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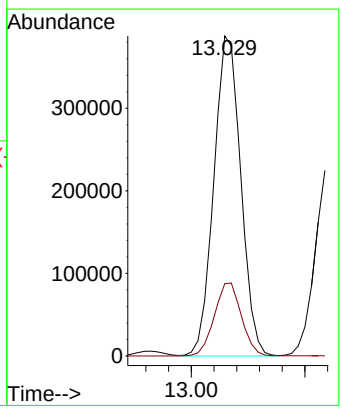


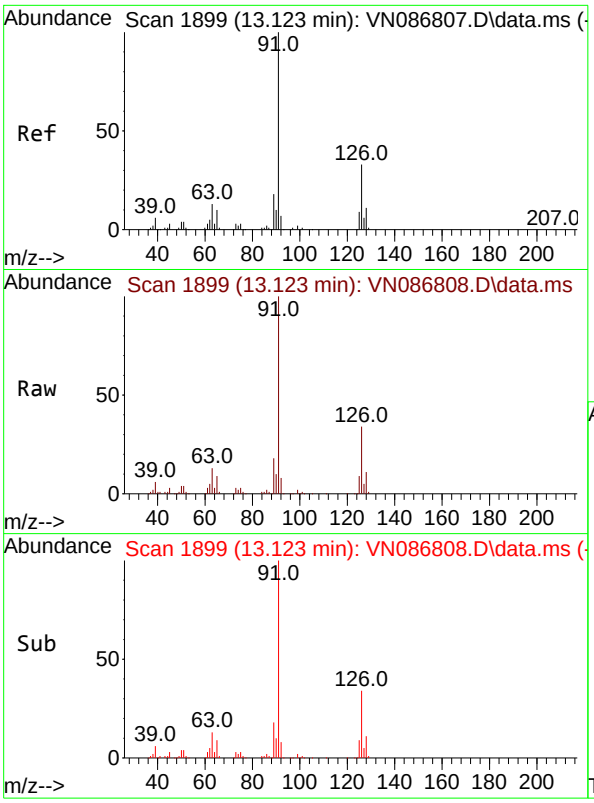


#74
n-propylbenzene
Concen: 50.865 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 638895

Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	45.6

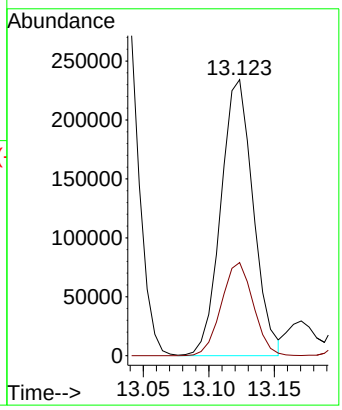




#75
2-Chlorotoluene
Concen: 49.997 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 40307

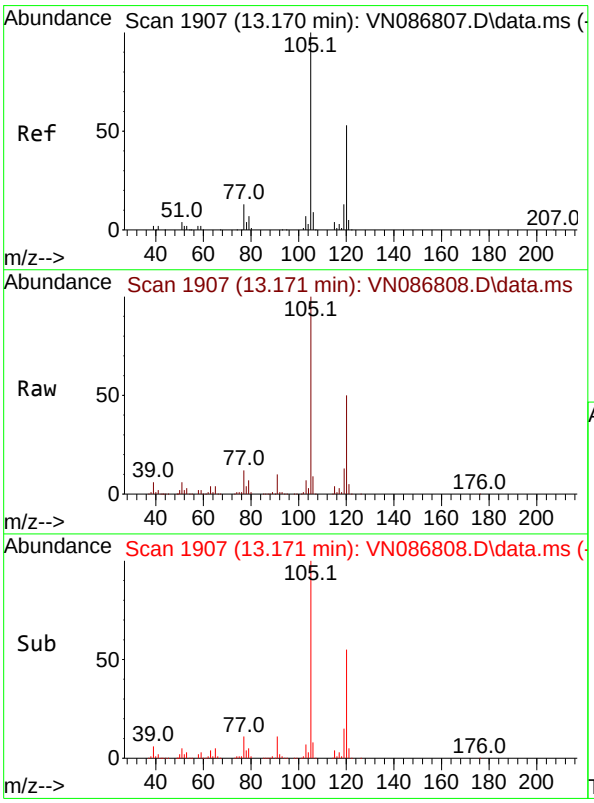
Ion	Ratio	Lower	Upper
91	100		
126	33.2	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
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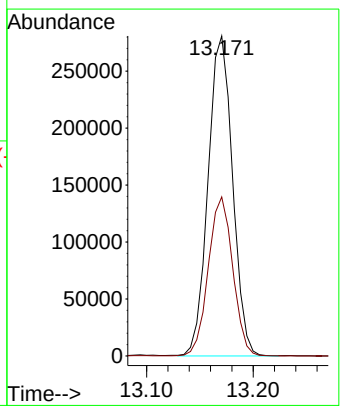
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

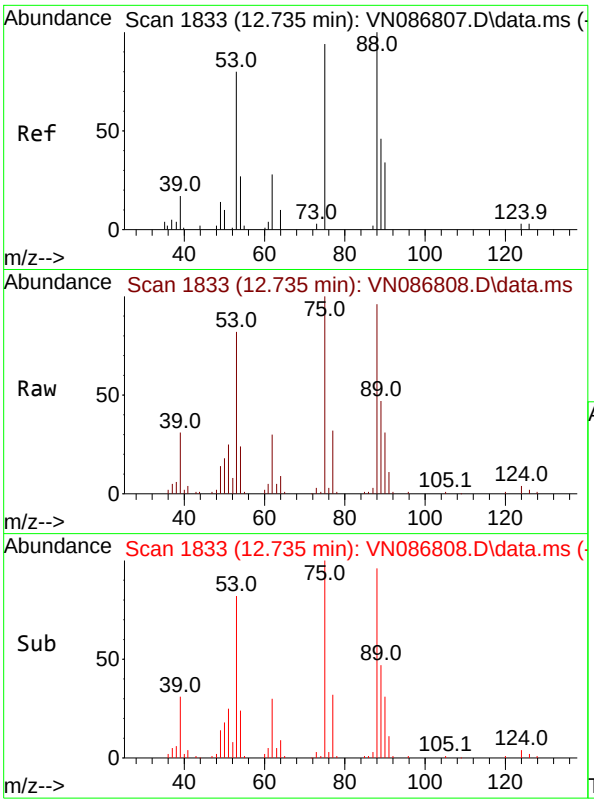


#76
1,3,5-Trimethylbenzene
Concen: 50.822 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 448336

Ion	Ratio	Lower	Upper
105	100		
120	49.6	0.0	101.4





#77
t-1,4-Dichloro-2-butene
Concen: 50.172 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

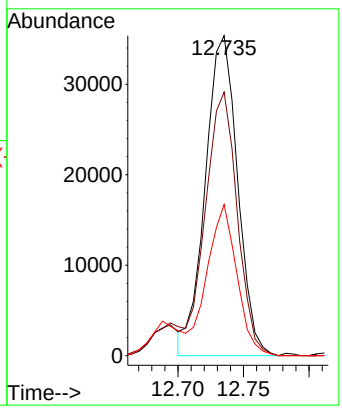
Tgt Ion: 75 Resp: 6066

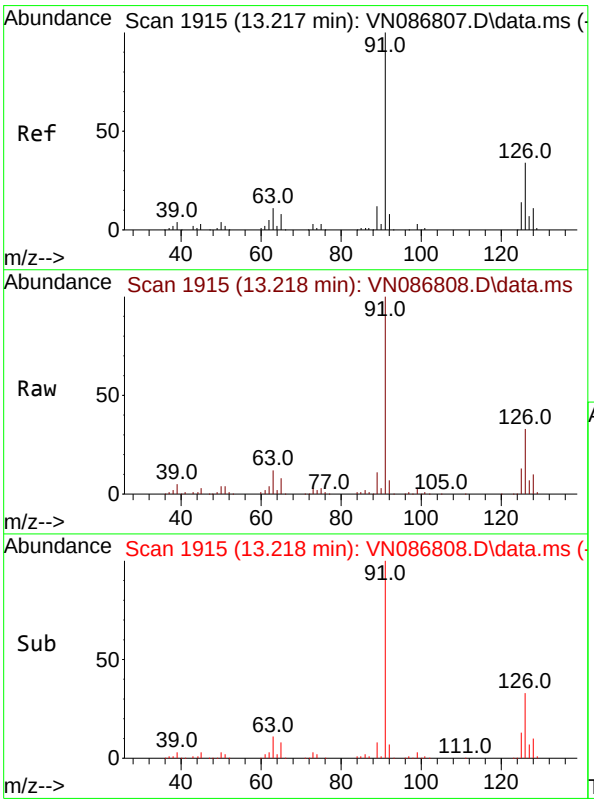
Ion	Ratio	Lower	Upper
75	100		
53	82.4	43.0	128.8
89	47.3	25.4	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

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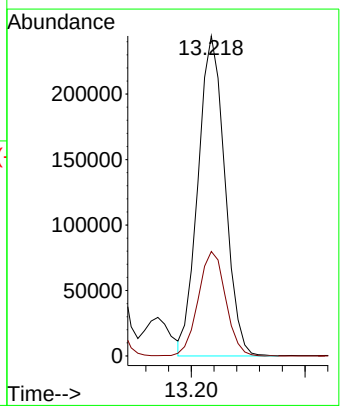


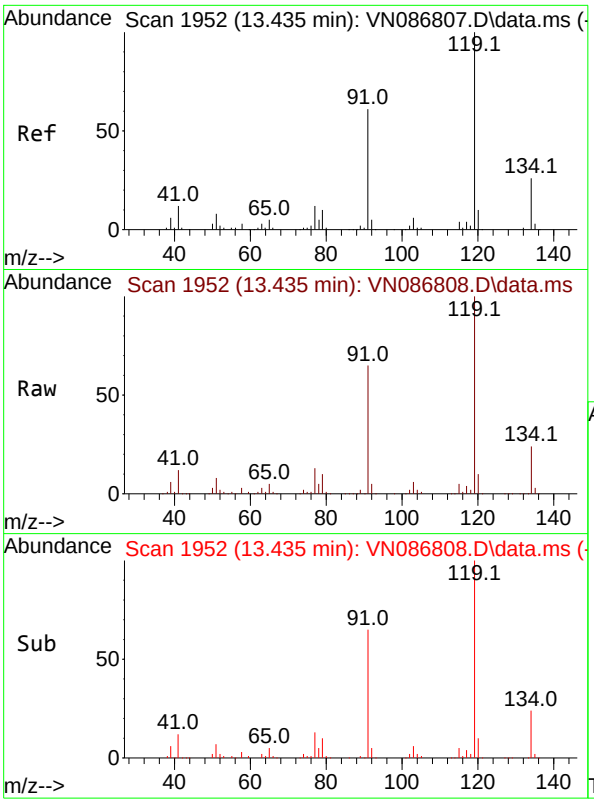


#78
4-Chlorotoluene
Concen: 50.207 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 91 Resp: 400961

Ion	Ratio	Lower	Upper
91	100		
126	33.2	0.0	66.6

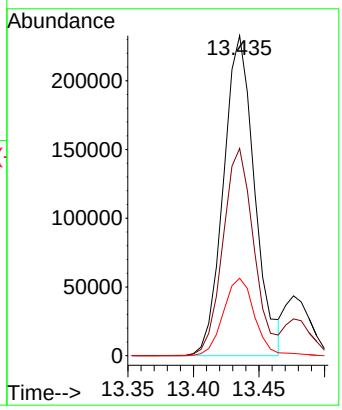




#79
tert-butylbenzene
Concen: 50.435 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:119 Resp: 38467

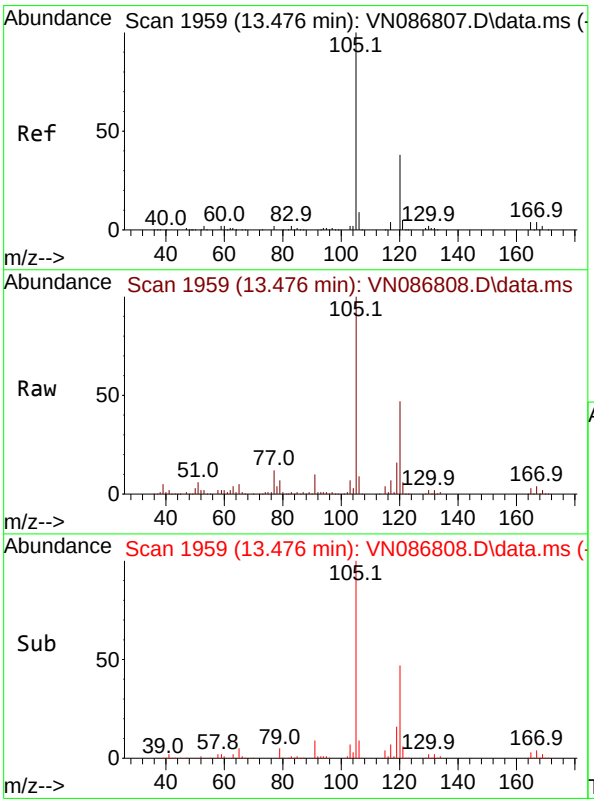
Ion	Ratio	Lower	Upper
119	100		
91	64.5	0.0	130.4
134	24.4	0.0	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

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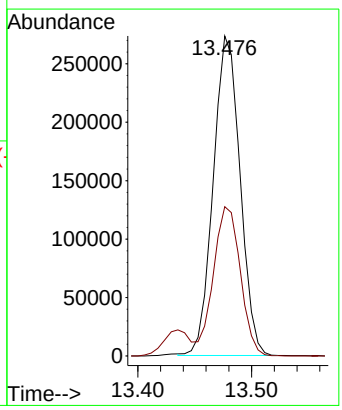
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

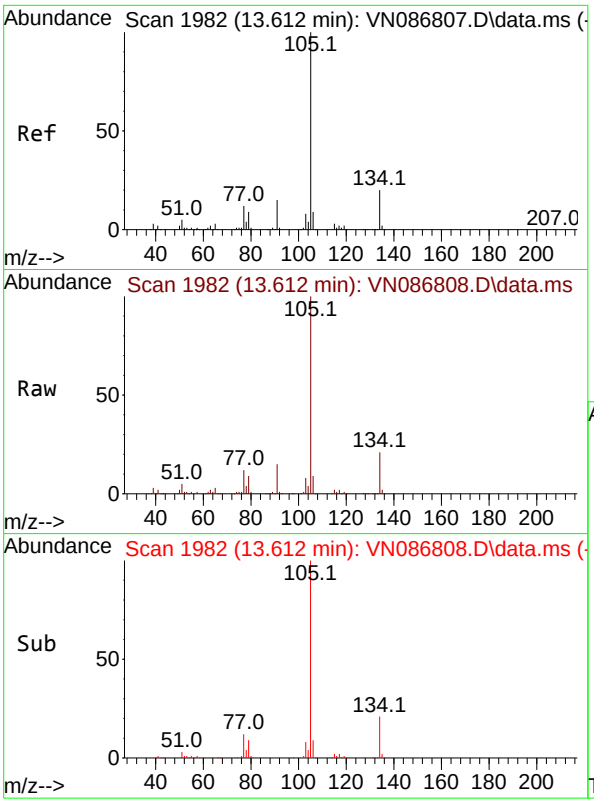


#80
1,2,4-Trimethylbenzene
Concen: 50.588 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 447950

Ion	Ratio	Lower	Upper
105	100		
120	47.5	0.0	92.2

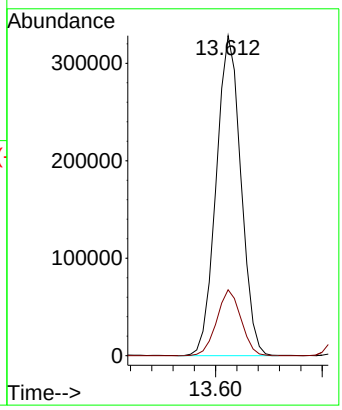




#81
sec-Butylbenzene
Concen: 50.934 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:105 Resp: 52924

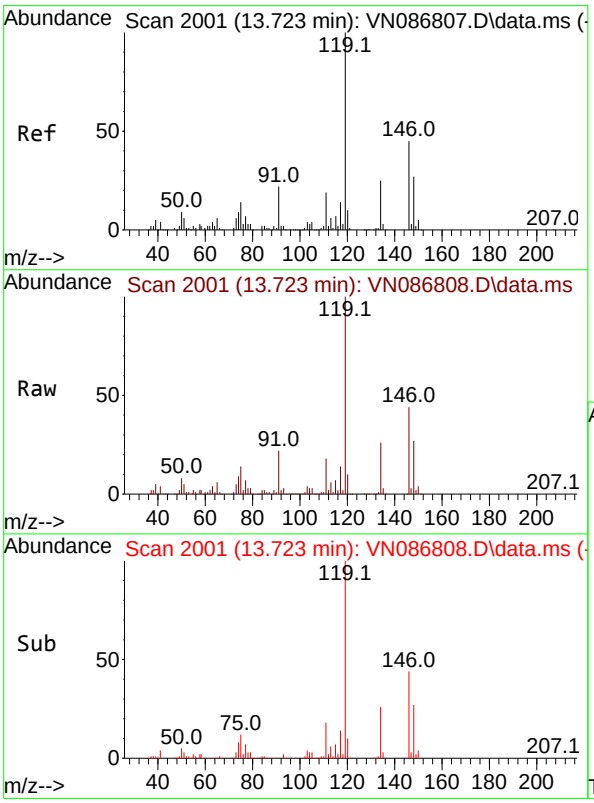
Ion	Ratio	Lower	Upper
105	100		
134	20.1	0.0	40.0



Instrument :
MSVOA_N
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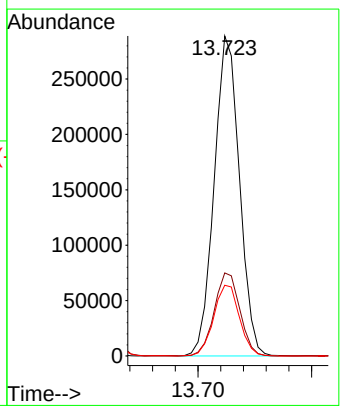
Reviewed By :John Carlone 05/30/2025
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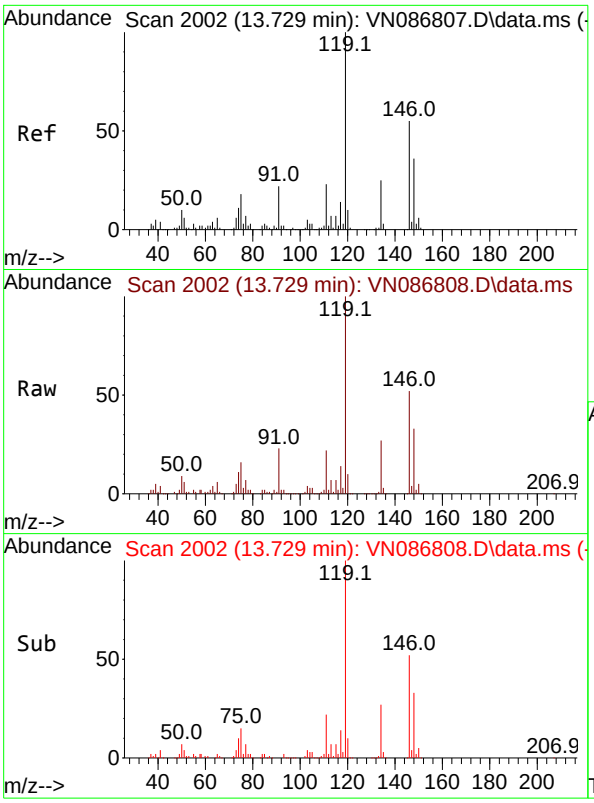


#82
p-Isopropyltoluene
Concen: 51.162 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:119 Resp: 446383

Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	51.8
91	22.6	0.0	45.2

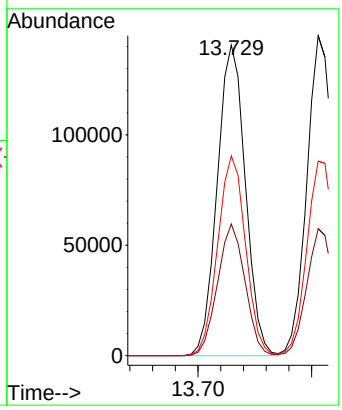




#83
1,3-Dichlorobenzene
Concen: 50.165 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:146 Resp: 24256

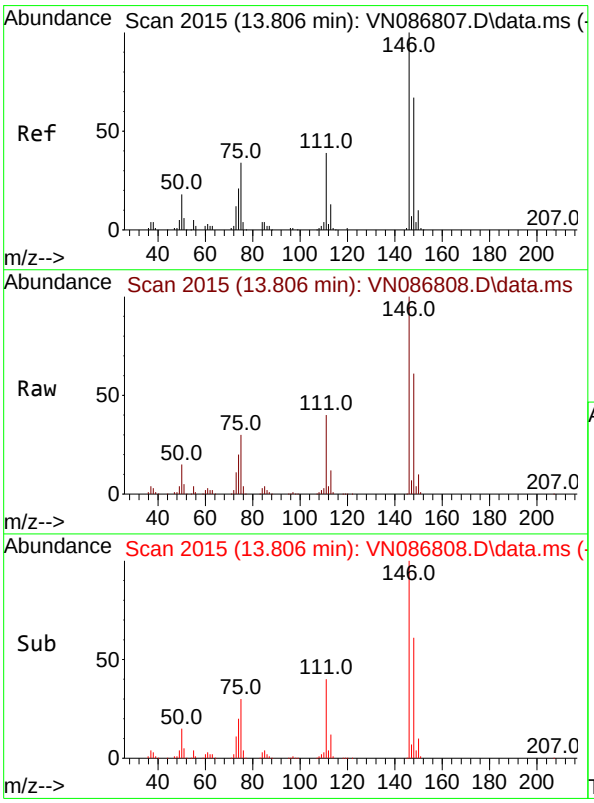
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.1
148	63.6	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

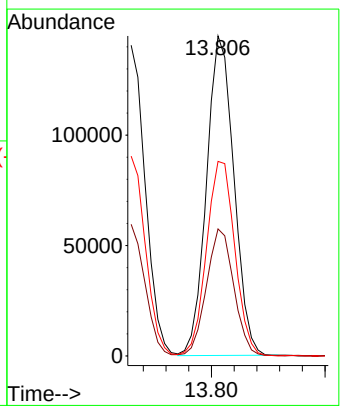
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

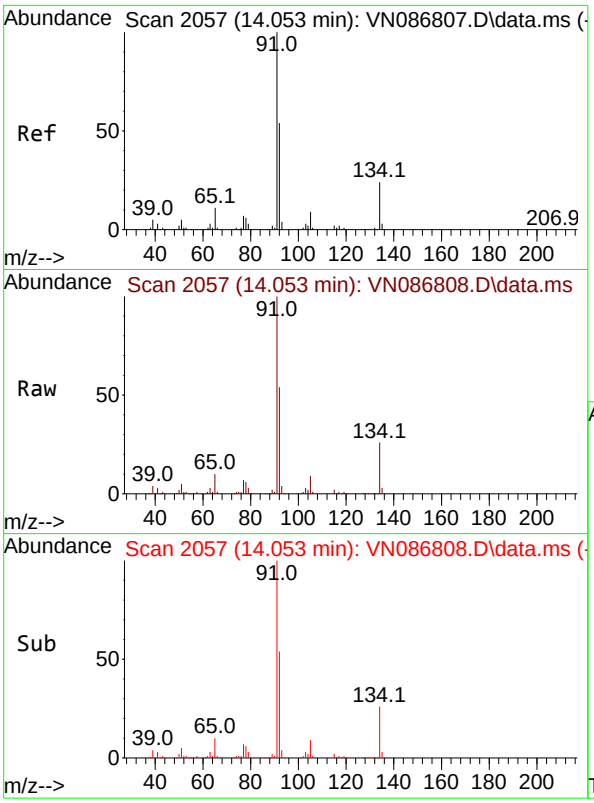


#84
1,4-Dichlorobenzene
Concen: 50.277 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:146 Resp: 241927

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.1	31.9	95.5





#85
n-Butylbenzene
Concen: 51.309 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

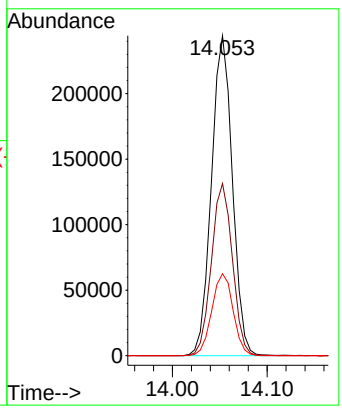
Tgt Ion: 91 Resp: 37478

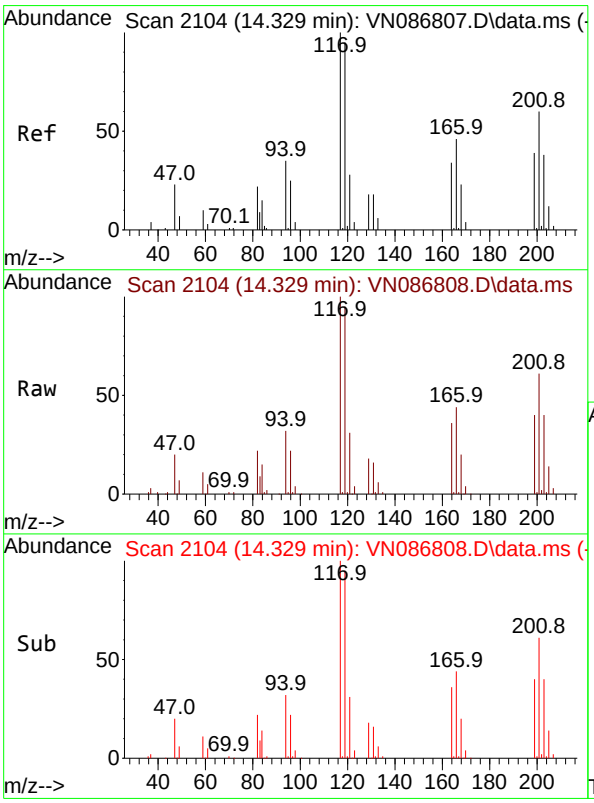
Ion	Ratio	Lower	Upper
91	100		
92	54.0	0.0	107.6
134	26.1	0.0	50.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

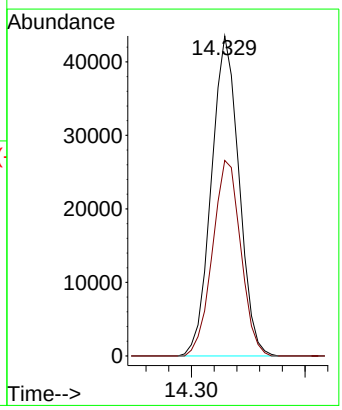


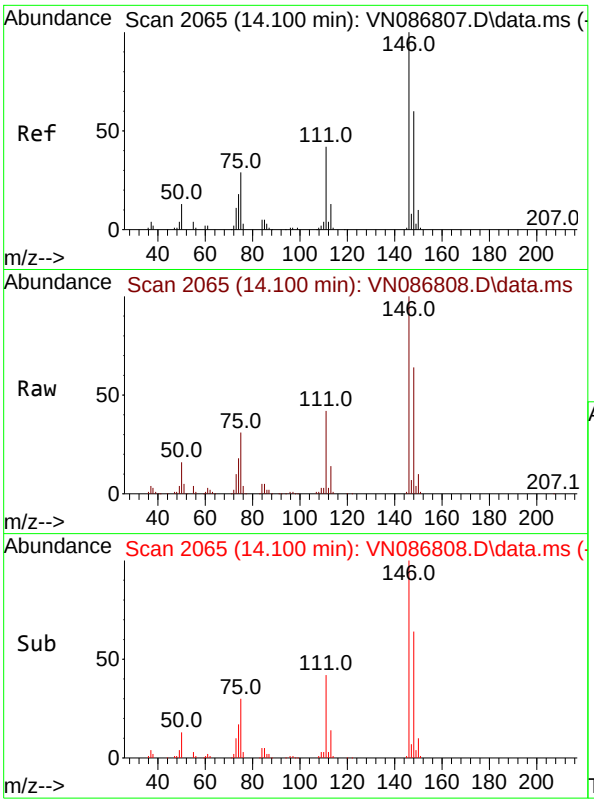


#86
Hexachloroethane
Concen: 49.370 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:117 Resp: 73414

Ion	Ratio	Lower	Upper
117	100		
201	62.5	31.4	94.3

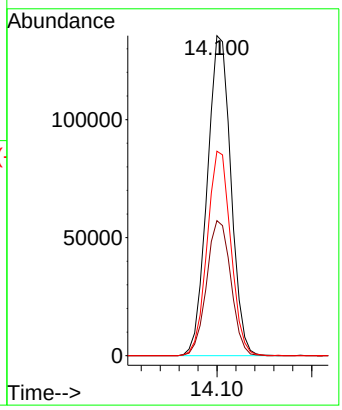




#87
1,2-Dichlorobenzene
Concen: 50.345 ug/l
RT: 14.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:146 Resp: 23482

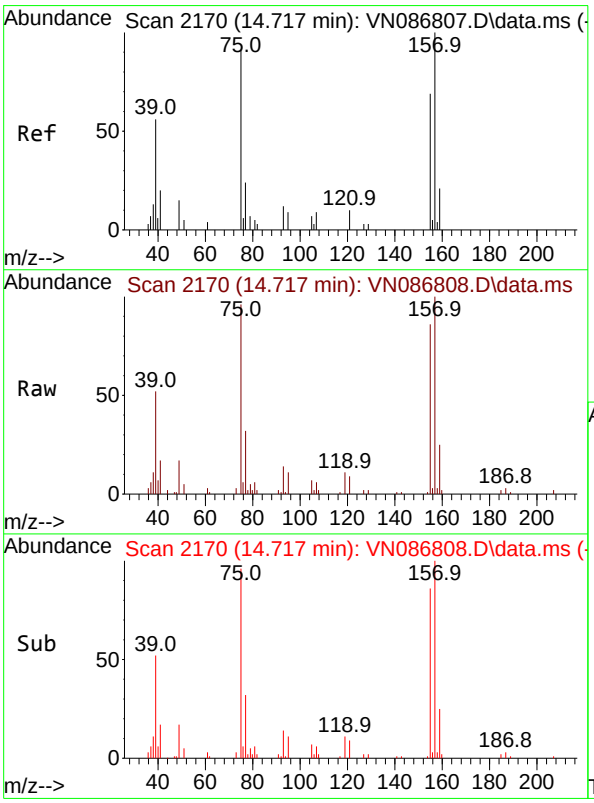
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	63.8	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

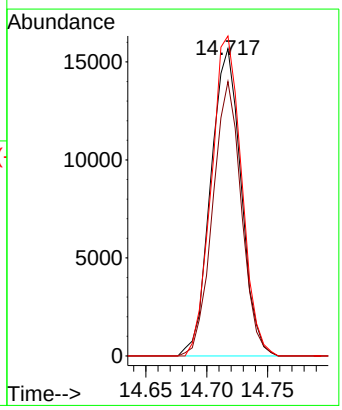
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

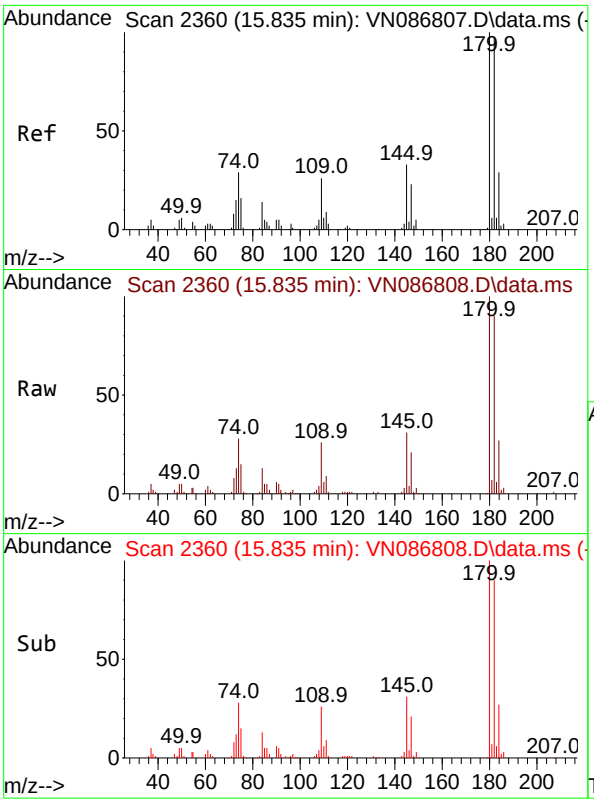


#88
1,2-Dibromo-3-Chloropropane
Concen: 51.194 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion: 75 Resp: 27180

Ion	Ratio	Lower	Upper
75	100		
155	84.3	62.9	94.3
157	103.6	84.0	126.0

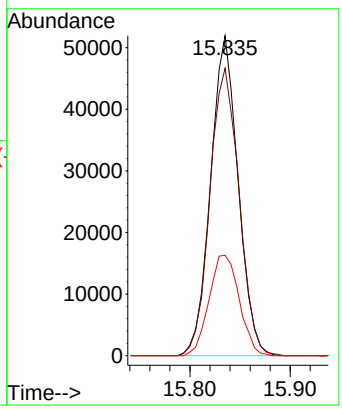




#89
1,2,4-Trichlorobenzene
Concen: 50.620 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:180 Resp: 9881

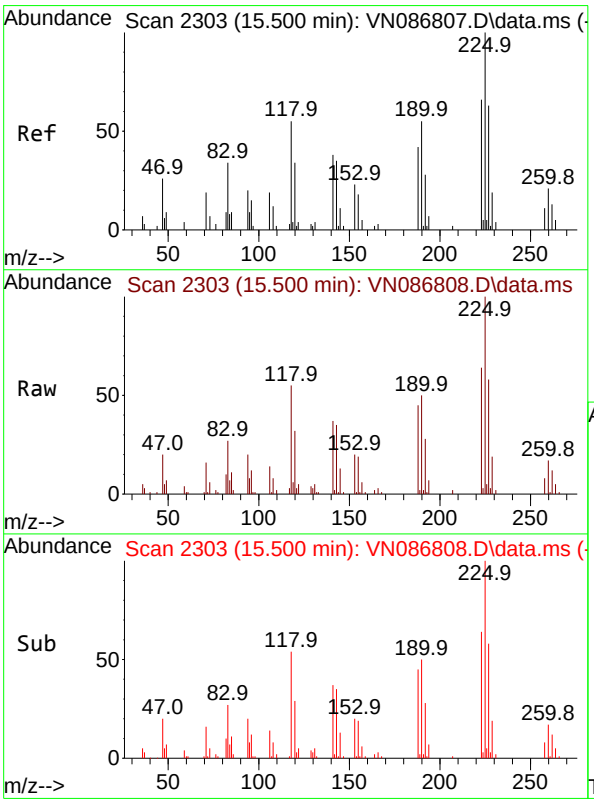
Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.2	117.2
145	34.5	28.0	42.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

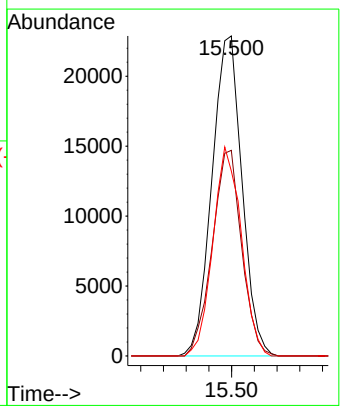
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

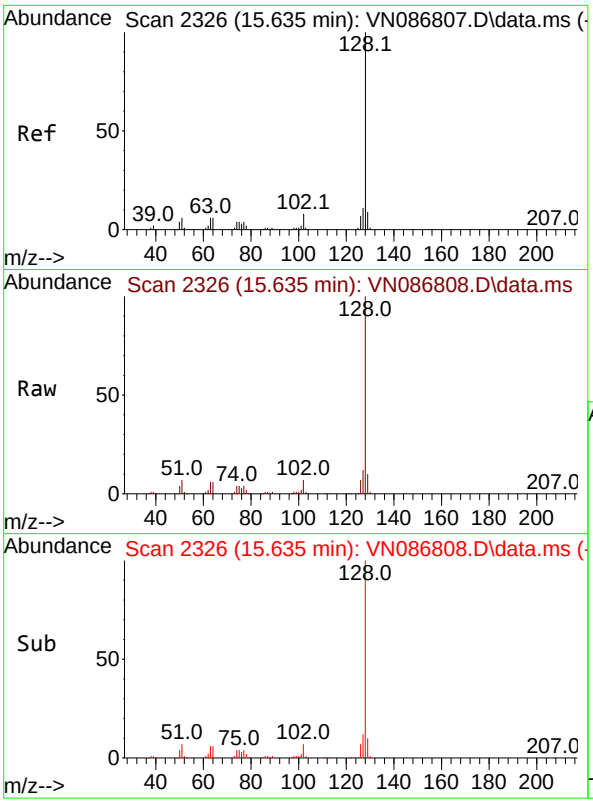


#90
Hexachlorobutadiene
Concen: 50.179 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:225 Resp: 41982

Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	135.8
227	61.8	0.0	125.0

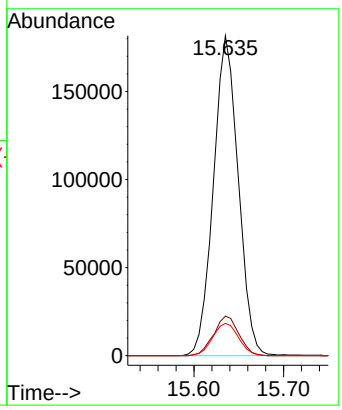




#91
Naphthalene
Concen: 51.156 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:128 Resp: 34841

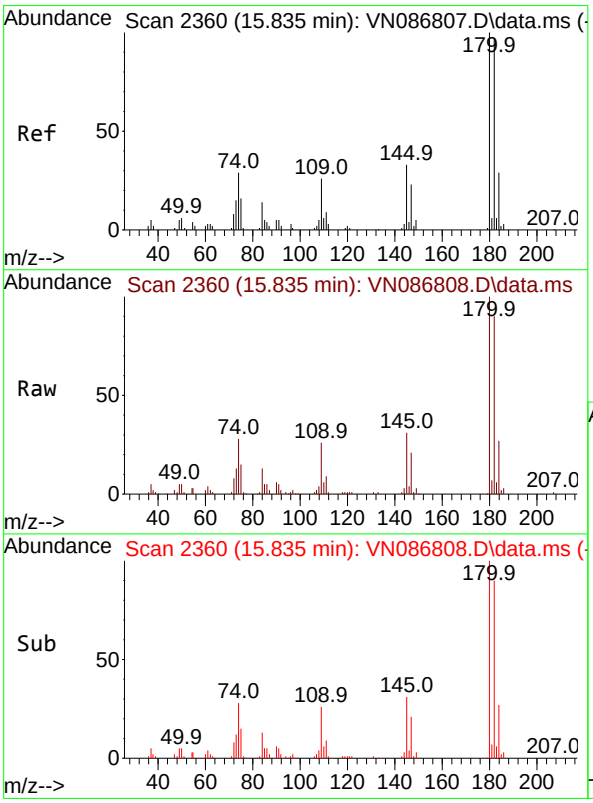
Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.6
129	10.6	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Manual Integrations
APPROVED

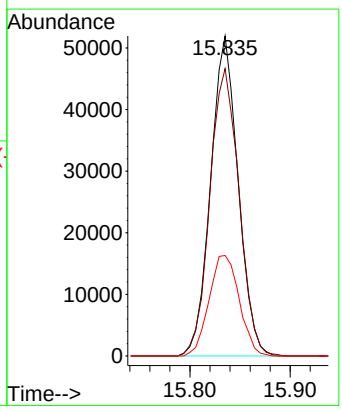
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 50.620 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086808.D
Acq: 29 May 2025 11:44

Tgt Ion:180 Resp: 98812

Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	195.4
145	34.5	0.0	70.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086809.D
Acq On : 29 May 2025 12:08
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 30 01:59:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	38334	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	214304	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	193437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76939	29.212	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 97.367%			
60) 4-Bromofluorobenzene	12.847	95	92260	30.379	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.267%			
63) Toluene-d8	10.565	98	265294	29.881	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	258696	99.363	ug/l	99
3) Chloromethane	2.359	50	319345	95.132	ug/l	100
4) Vinyl Chloride	2.512	62	304536	98.579	ug/l	99
5) Bromomethane	2.942	94	150487	91.939	ug/l	99
6) Chloroethane	3.112	64	181542	96.081	ug/l	98
7) Trichlorofluoromethane	3.495	101	349727	96.658	ug/l	98
8) Diethyl Ether	3.959	74	147376	97.647	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	217001	97.861	ug/l	100
10) 1,1-Dichloroethene	4.336	96	221389	97.930	ug/l	96
11) Methyl Iodide	4.583	142	263977	99.054	ug/l	100
12) Methyl Acetate	5.024	43	248192	99.125	ug/l	96
13) Acrolein	4.177	56	140227	538.453	ug/l	100
14) Acrylonitrile	5.712	53	572418	489.945	ug/l	99
15) Acetone	4.424	58	142325	481.129	ug/l	89
16) Carbon Disulfide	4.712	76	643462	97.508	ug/l	100
17) Allyl chloride	5.024	41	326642	97.259	ug/l	97
18) Methylene Chloride	5.271	84	247370	94.222	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	231986	98.058	ug/l	92
20) Diisopropyl ether	6.671	45	716257	96.835	ug/l	97
21) 1,1-Dichloroethane	6.565	63	430769	96.501	ug/l	99
22) cis-1,2-Dichloroethene	7.482	96	280022	97.738	ug/l	100
23) tert-Butyl Alcohol	5.518	59	185862	495.389	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	737949	99.046	ug/l	98
25) Chloroform	7.965	83	419483	96.011	ug/l	100
26) Cyclohexane	8.253	56	379428	98.210	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	315673	100.185	ug/l	99
30) 2-Butanone	7.477	43	685765	496.728	ug/l	99
31) 2,2-Dichloropropane	7.488	77	362656	97.506	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	359069	98.307	ug/l	98
33) Carbon Tetrachloride	8.359	117	309754	99.209	ug/l	97
34) Benzene	8.600	78	1008328	98.353	ug/l	98
35) Methacrylonitrile	7.777	41	155819	98.254	ug/l	93
36) 1,2-Dichloroethane	8.665	62	294873	98.153	ug/l	99
37) Trichloroethene	9.347	130	274827	96.644	ug/l	97
38) Methylcyclohexane	9.600	83	359086	102.713	ug/l	98
39) 1,2-Dichloropropane	9.618	63	243528	98.666	ug/l	99
40) Dibromomethane	9.706	93	159966	99.092	ug/l	100
41) Bromodichloromethane	9.882	83	332447	98.381	ug/l	97
42) Vinyl Acetate	6.600	43	2122994	527.555	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086809.D
Acq On : 29 May 2025 12:08
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 :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:59:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	272622	96.504	ug/l	96
44) Isopropyl Acetate	8.682	43	483974	99.870	ug/l	100
45) 1,4-Dioxane	9.694	88	85390	1982.473	ug/l	96
46) Methyl methacrylate	9.676	41	227258	101.704	ug/l	96
47) n-amyl Acetate	12.488	43	402140	103.366	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	367895	101.739	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	398175	100.110	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	222150	97.707	ug/l	98
51) Ethyl methacrylate	10.871	69	381546	103.617	ug/l	96
52) 1,3-Dichloropropane	11.159	76	397338	98.473	ug/l	100
53) Dibromochloromethane	11.359	129	257671	100.288	ug/l	99
54) 1,2-Dibromoethane	11.465	107	230134	99.021	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	931955	527.263	ug/l	99
56) Bromoform	12.576	173	164734	101.759	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	1409635	496.637	ug/l	98
59) 2-Hexanone	11.194	43	1029492	506.357	ug/l	99
61) Tetrachloroethene	11.100	164	311565	95.819	ug/l	95
62) Toluene	10.629	91	1074429	98.623	ug/l	100
64) Chlorobenzene	11.888	112	684904	98.580	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	227708	99.763	ug/l	99
66) Ethyl Benzene	11.959	91	1195080	101.419	ug/l	97
67) m/p-Xylenes	12.065	106	936163	202.455	ug/l	99
68) o-Xylene	12.394	106	459640	102.567	ug/l	98
69) Styrene	12.406	104	768837	102.976	ug/l	99
70) Isopropylbenzene	12.694	105	1090941	102.353	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	262646	103.643	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	297483m	95.286	ug/l	
73) Bromobenzene	12.976	156	267174	100.850	ug/l	100
74) n-propylbenzene	13.029	91	1291676	102.310	ug/l	99
75) 2-Chlorotoluene	13.123	91	810137	99.974	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	913352	103.006	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	127625	105.004	ug/l	90
78) 4-Chlorotoluene	13.217	91	818933	102.021	ug/l	99
79) tert-butylbenzene	13.435	119	787502	102.722	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	918324	103.179	ug/l	99
81) sec-Butylbenzene	13.611	105	1073411	102.776	ug/l	100
82) p-Isopropyltoluene	13.723	119	921751	105.106	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	502564	103.406	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	499113	103.196	ug/l	99
85) n-Butylbenzene	14.053	91	785009	106.922	ug/l	99
86) Hexachloroethane	14.329	117	154764	103.546	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	481287	102.658	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	56473	105.824	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	210585	107.328	ug/l	97
90) Hexachlorobutadiene	15.494	225	85255	101.380	ug/l	98
91) Naphthalene	15.635	128	764173	111.627	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	210585	107.328	ug/l	97

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

ICAL Form

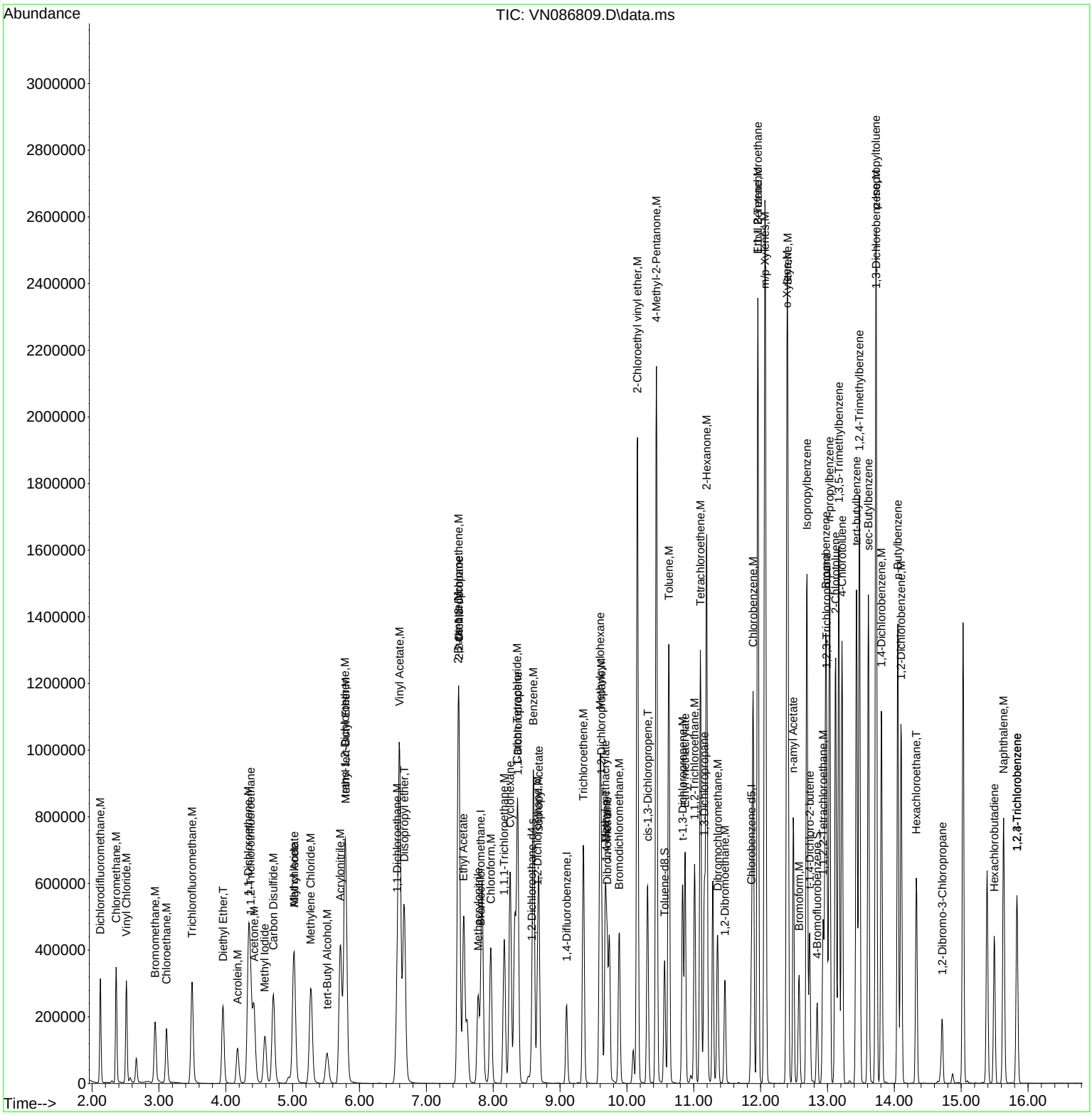
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086809.D
Acq On : 29 May 2025 12:08
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

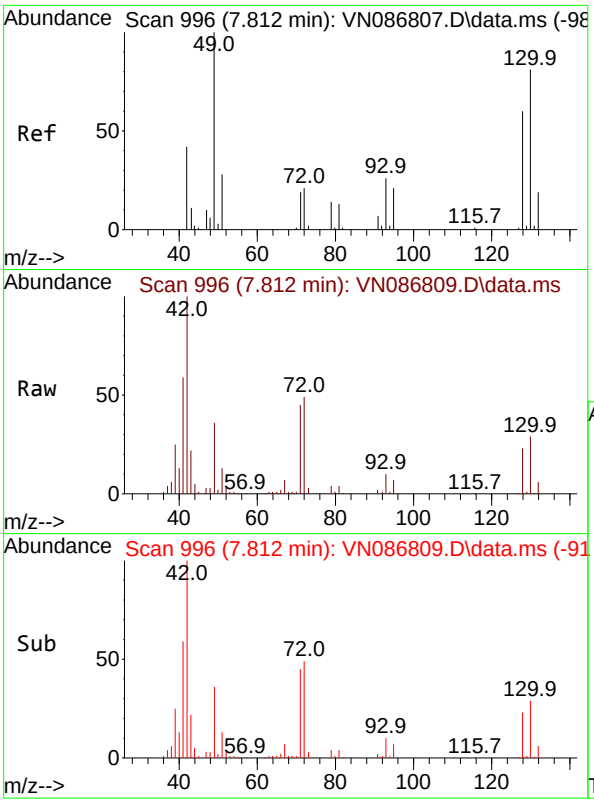
Quant Time: May 30 01:59:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

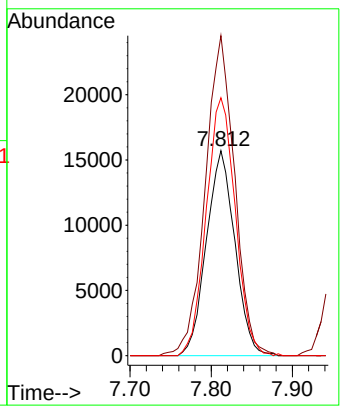




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:128 Resp: 3833

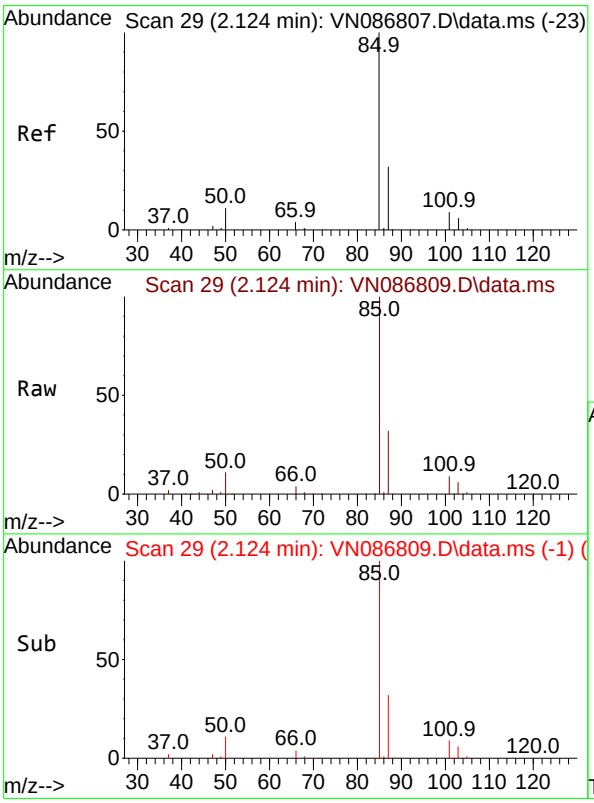
Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	404.5
130	128.4	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

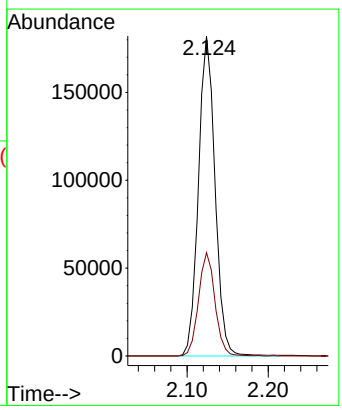
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

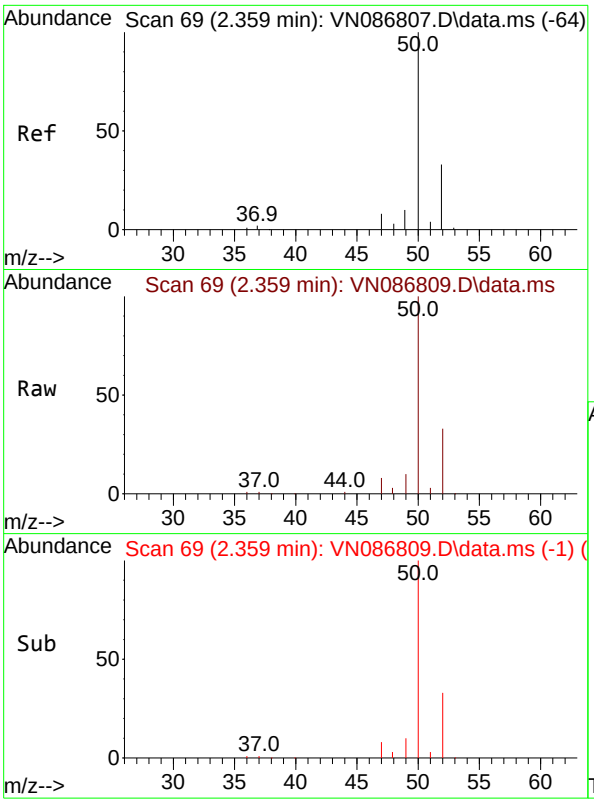


#2
Dichlorodifluoromethane
Concen: 99.363 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 85 Resp: 258696

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.9	47.7

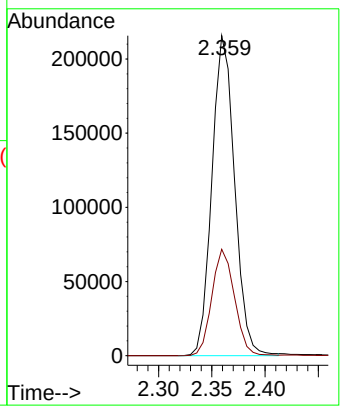




#3
Chloromethane
Concen: 95.132 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 50 Resp: 31934

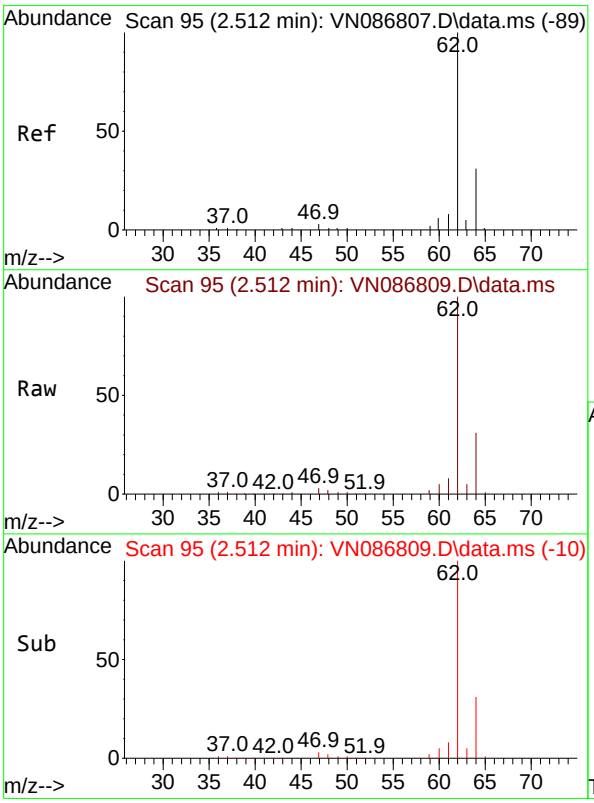
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

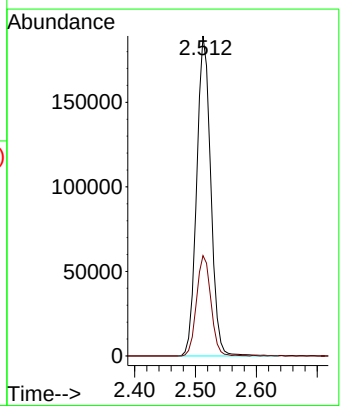
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

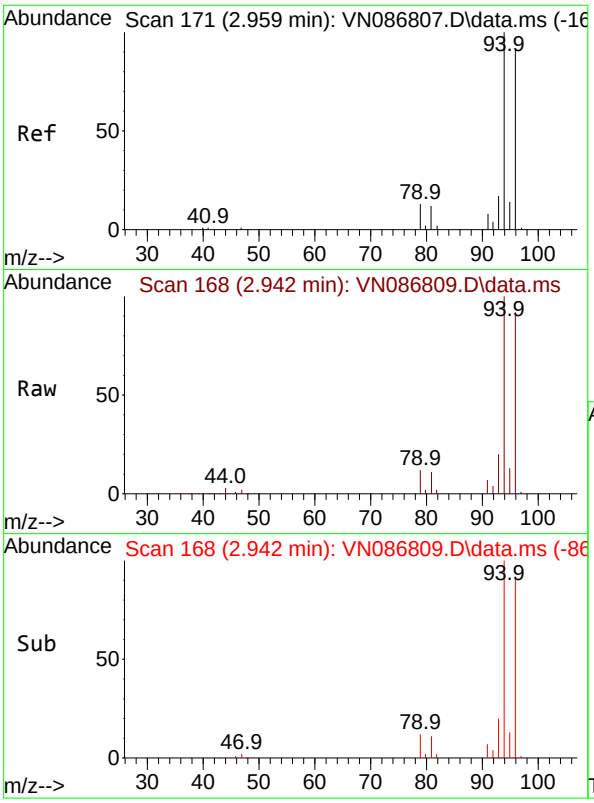


#4
Vinyl Chloride
Concen: 98.579 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 62 Resp: 304536

Ion	Ratio	Lower	Upper
62	100		
64	31.3	24.6	36.8

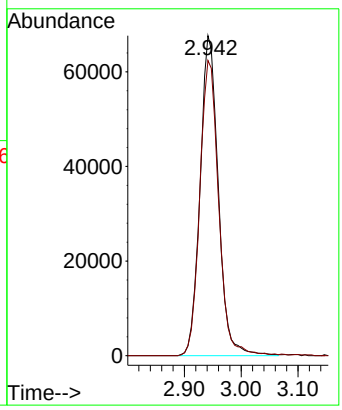




#5
Bromomethane
Concen: 91.939 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 94 Resp: 15048

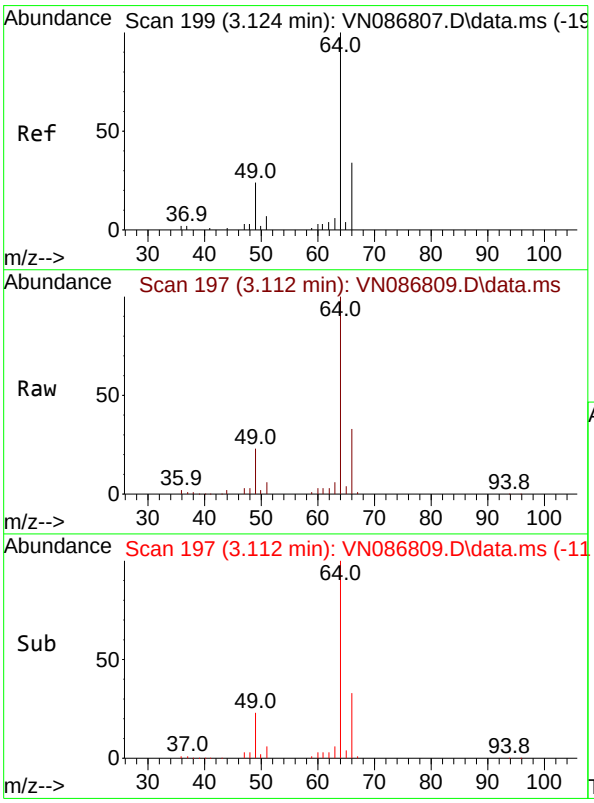
Ion	Ratio	Lower	Upper
94	100		
96	92.2	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

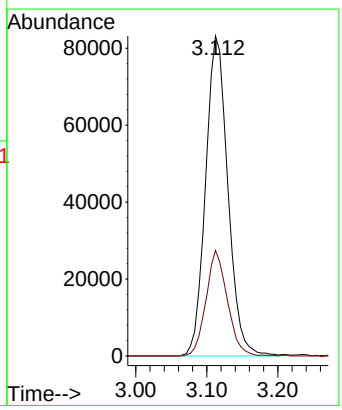
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

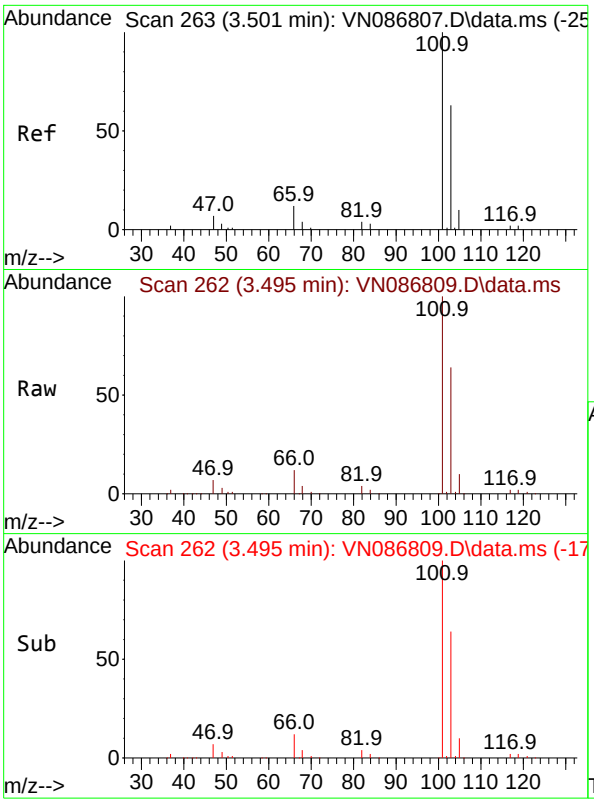


#6
Chloroethane
Concen: 96.081 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 64 Resp: 181542

Ion	Ratio	Lower	Upper
64	100		
66	33.0	27.5	41.3





#7
Trichlorofluoromethane
Concen: 96.658 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

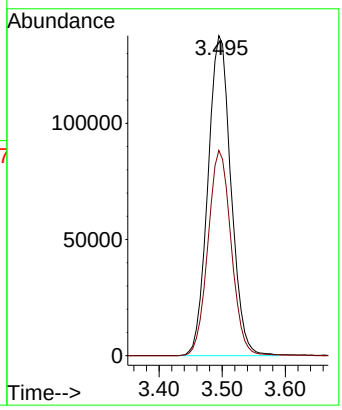
Tgt Ion:101 Resp: 34972

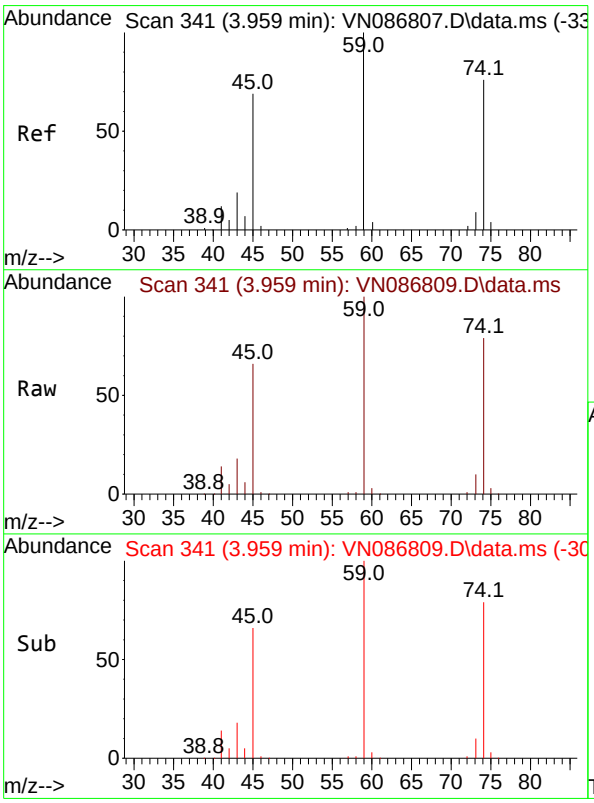
Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

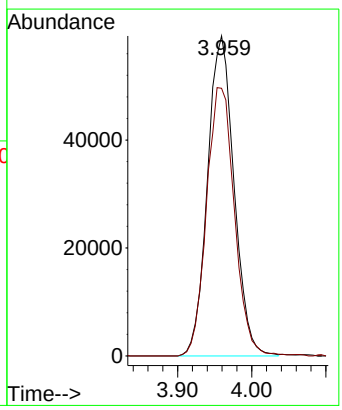


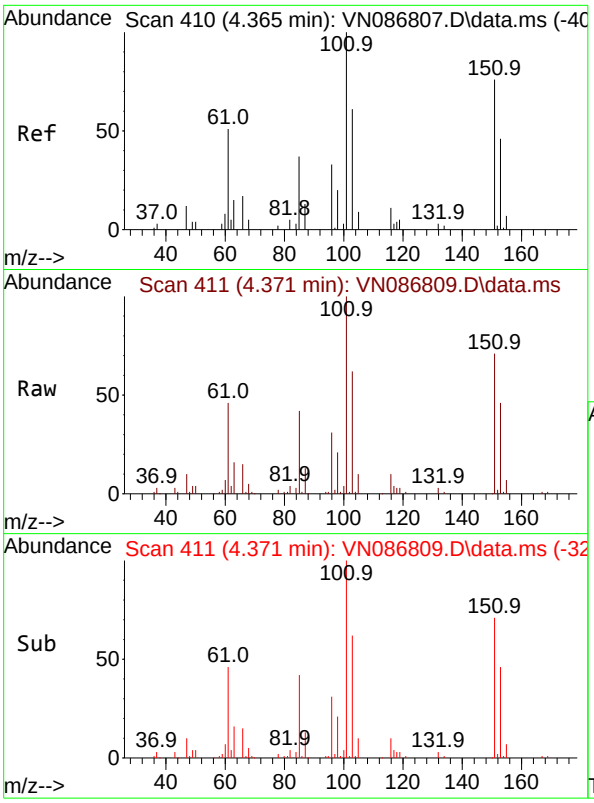


#8
Diethyl Ether
Concen: 97.647 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 74 Resp: 147376

Ion	Ratio	Lower	Upper
74	100		
45	87.9	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.861 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

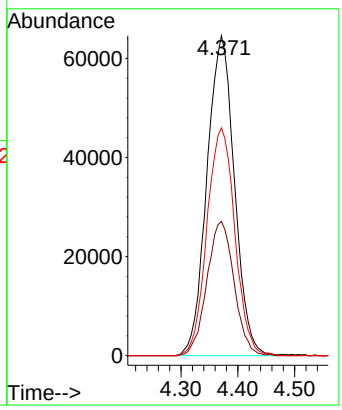
Tgt Ion:101 Resp: 21700

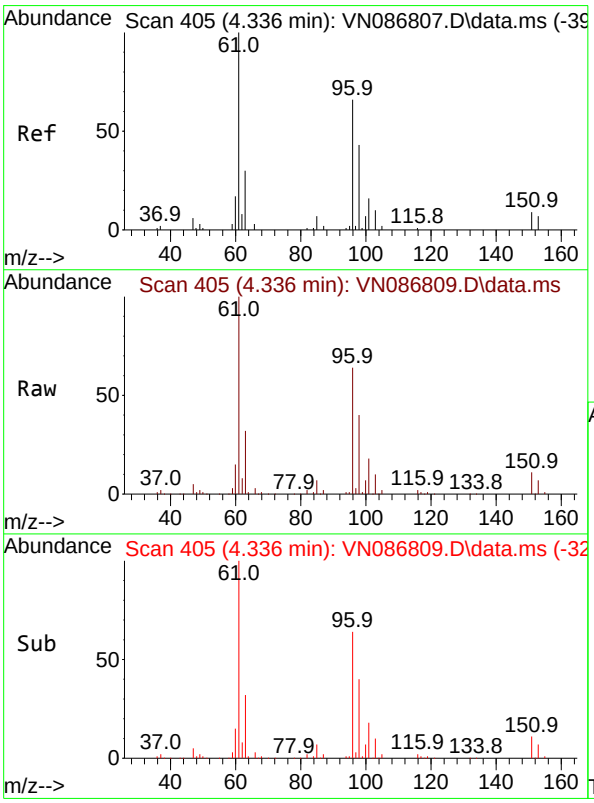
Ion	Ratio	Lower	Upper
101	100		
85	41.5	0.0	83.2
151	72.3	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

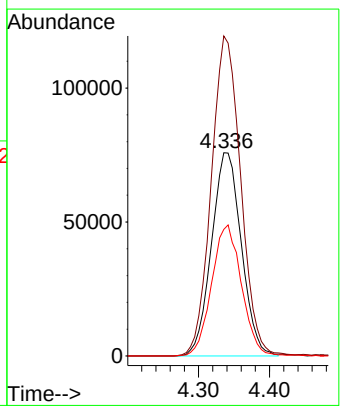


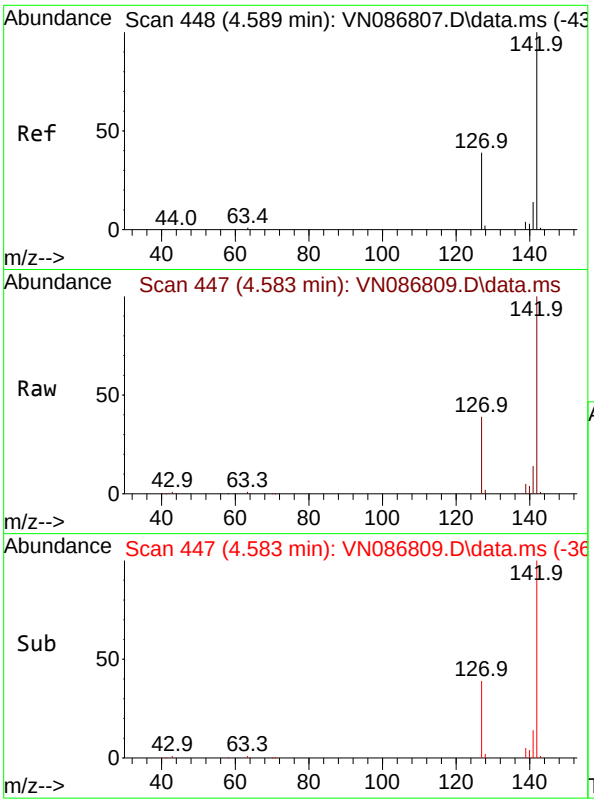


#10
1,1-Dichloroethene
Concen: 97.930 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 96 Resp: 221389

Ion	Ratio	Lower	Upper
96	100		
61	157.2	121.7	182.5
98	62.1	51.9	77.9

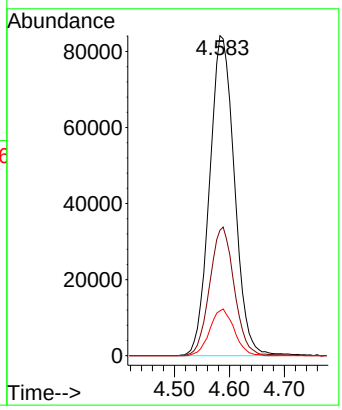




#11
Methyl Iodide
Concen: 99.054 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:142 Resp: 26397

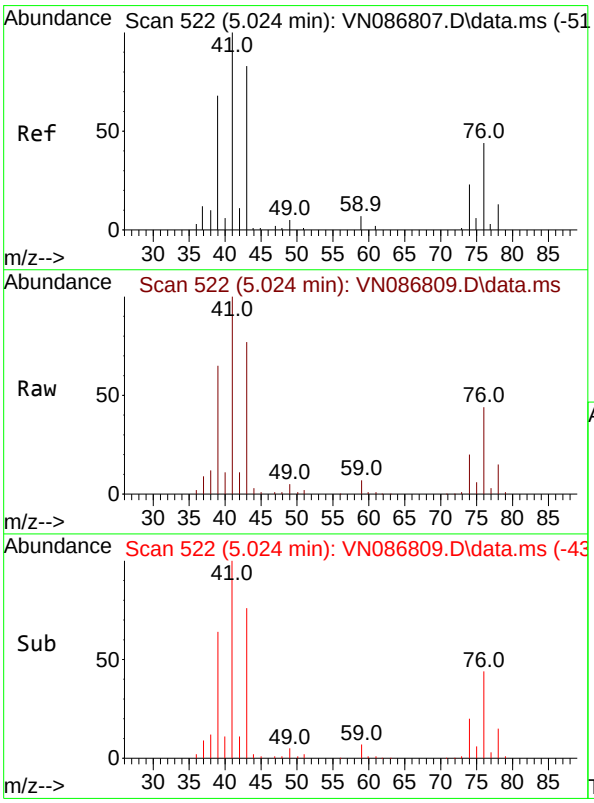
Ion	Ratio	Lower	Upper
142	100		
127	39.1	19.5	58.5
141	14.1	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

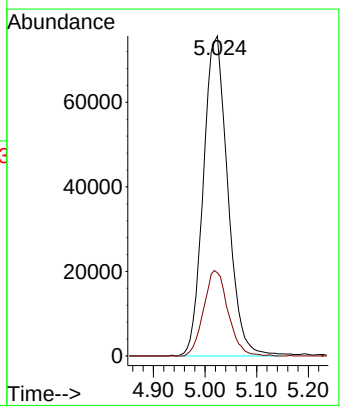
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

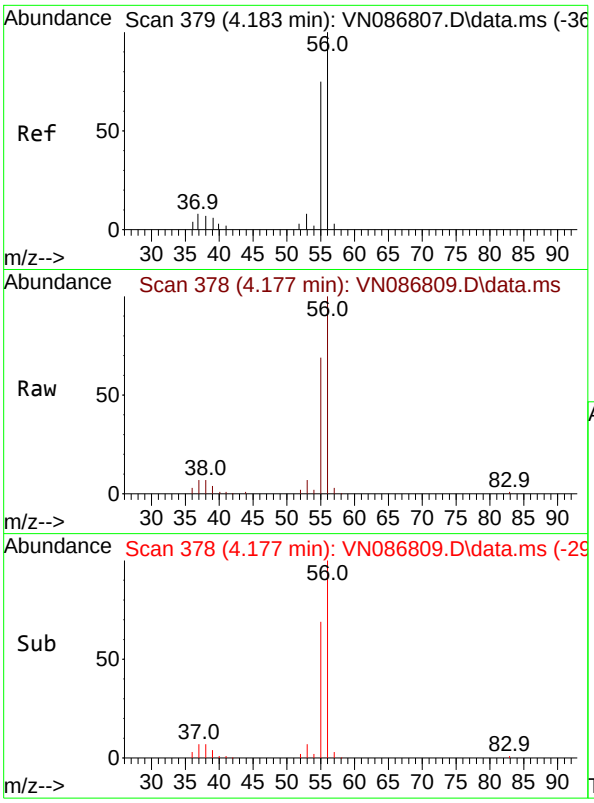


#12
Methyl Acetate
Concen: 99.125 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 43 Resp: 248192

Ion	Ratio	Lower	Upper
43	100		
74	26.1	22.7	34.1

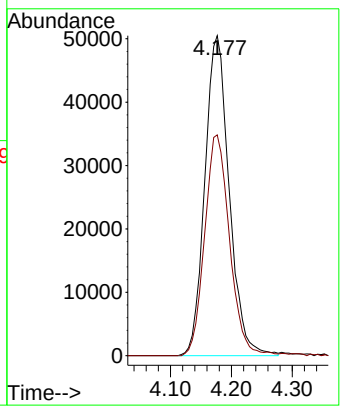




#13
Acrolein
Concen: 538.453 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 56 Resp: 14022

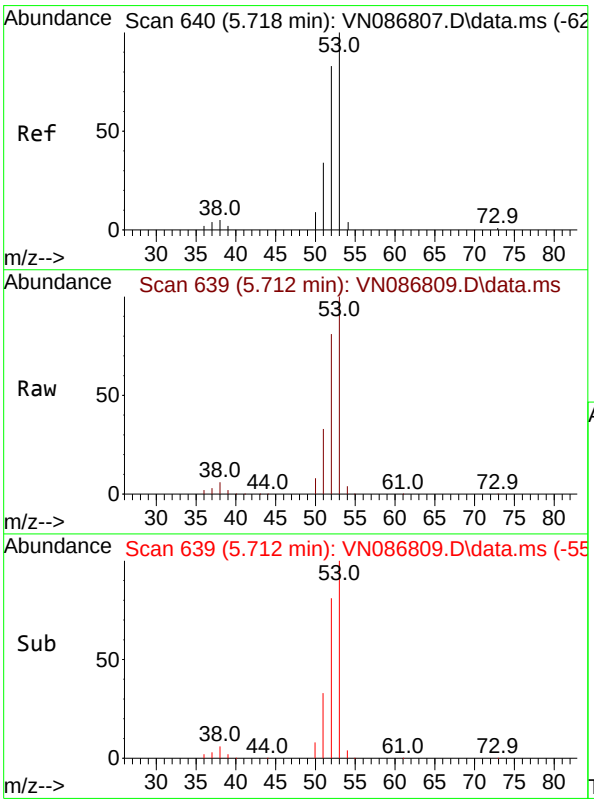
Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

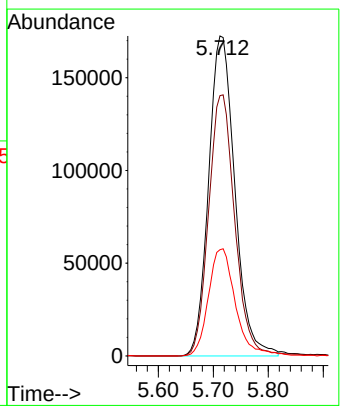
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

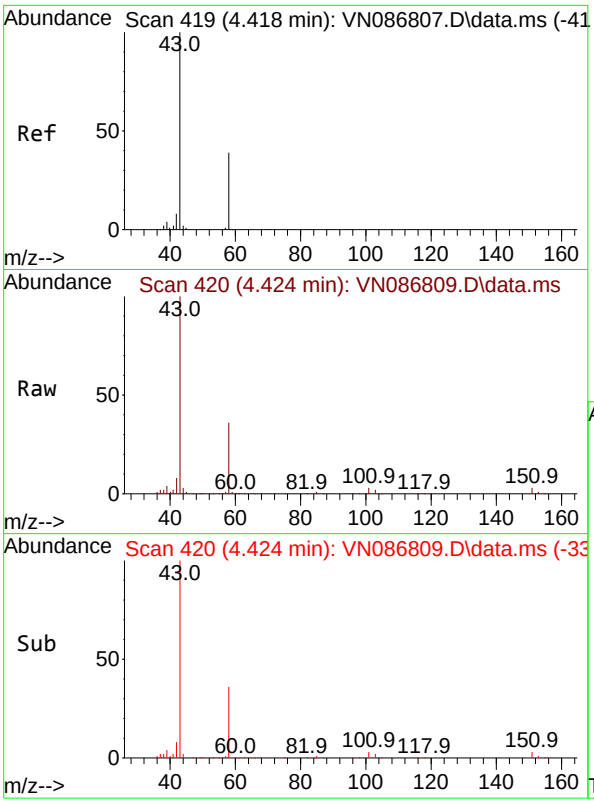


#14
Acrylonitrile
Concen: 489.945 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 53 Resp: 572418

Ion	Ratio	Lower	Upper
53	100		
52	80.7	40.0	119.9
51	34.5	17.5	52.6

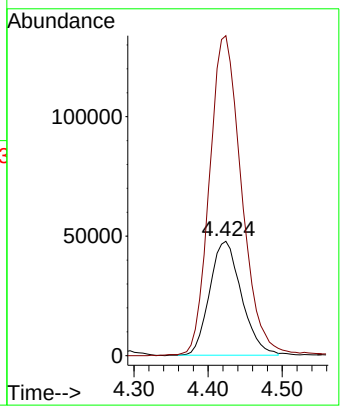




#15
Acetone
Concen: 481.129 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 58 Resp: 14232

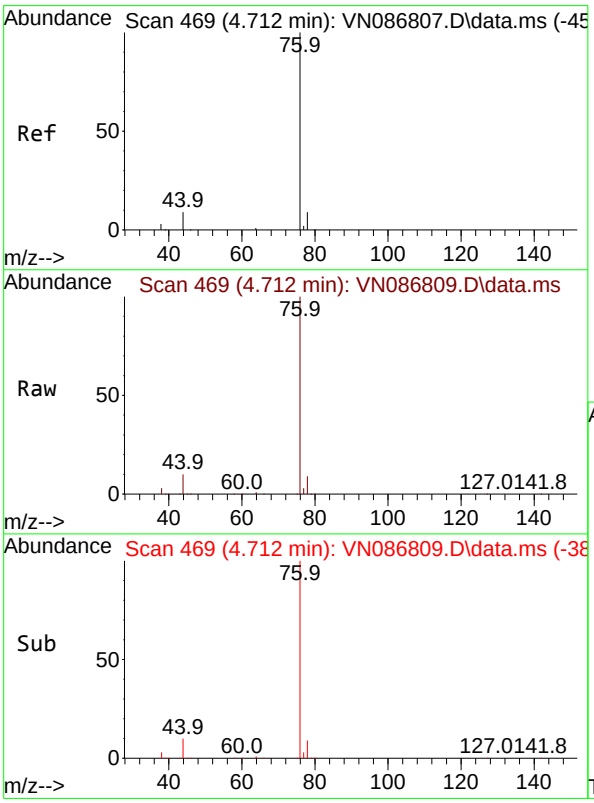
Ion	Ratio	Lower	Upper
58	100		
43	279.9	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

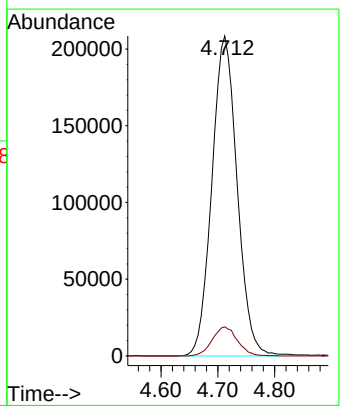
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

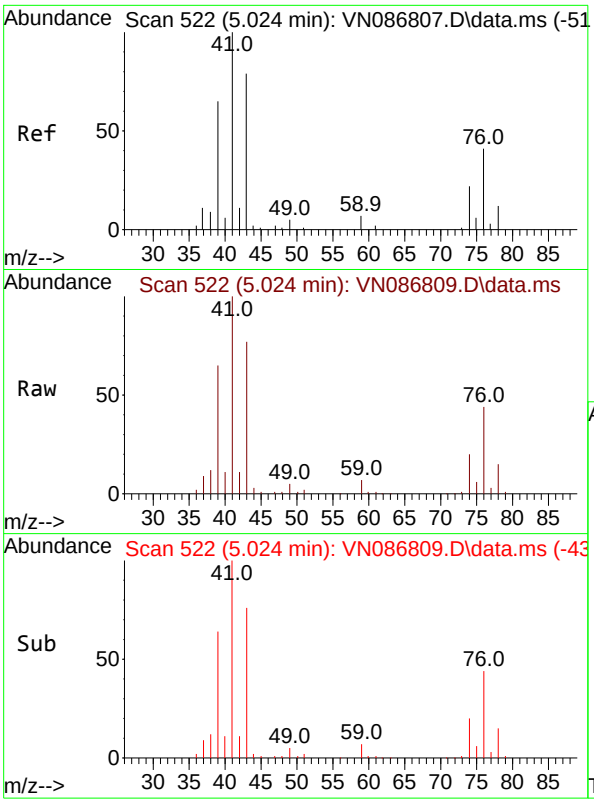


#16
Carbon Disulfide
Concen: 97.508 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 76 Resp: 643462

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

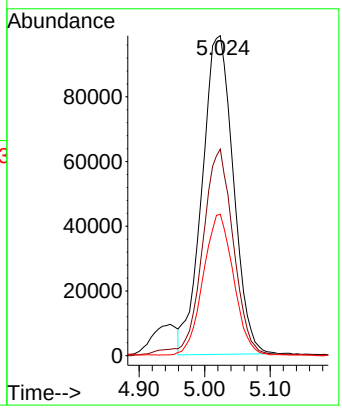




#17
Allyl chloride
Concen: 97.259 ug/l
RT: 5.024 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 41 Resp: 32664

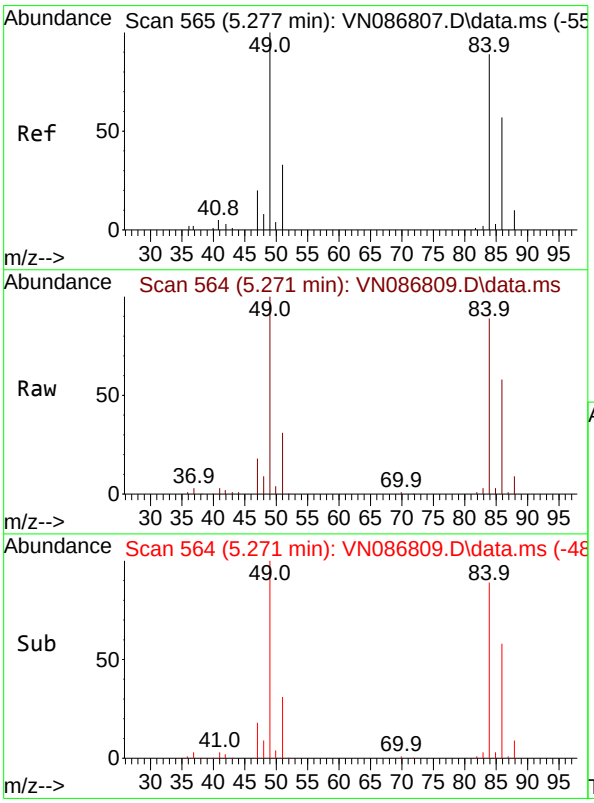
Ion	Ratio	Lower	Upper
41	100		
39	64.3	31.6	94.8
76	44.1	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

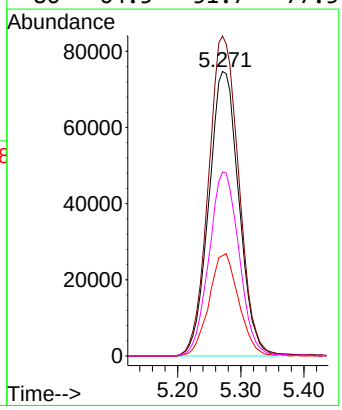
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

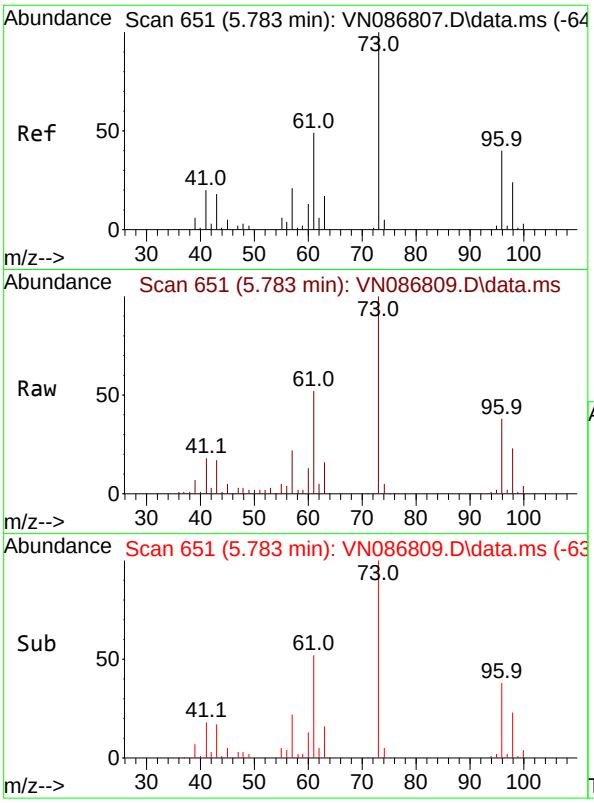


#18
Methylene Chloride
Concen: 94.222 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 84 Resp: 247370

Ion	Ratio	Lower	Upper
84	100		
49	112.2	89.9	134.9
51	35.3	29.6	44.4
86	64.5	51.7	77.5

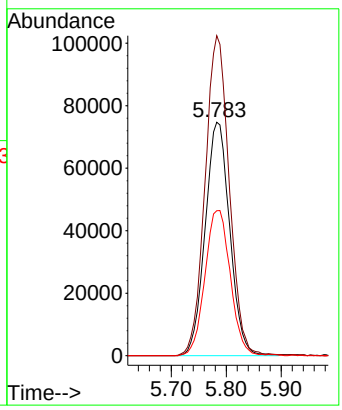




#19
trans-1,2-Dichloroethene
Concen: 98.058 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 96 Resp: 23198

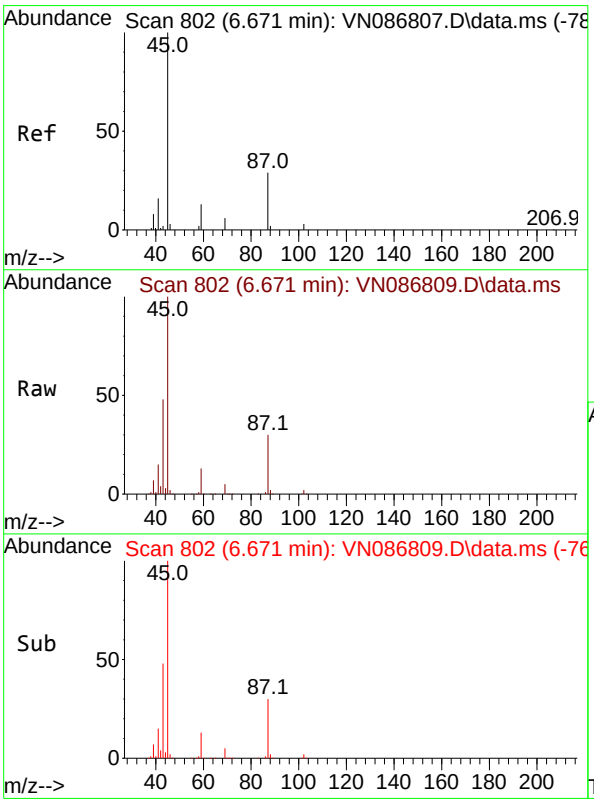
Ion	Ratio	Lower	Upper
96	100		
61	136.9	98.9	148.3
98	62.1	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

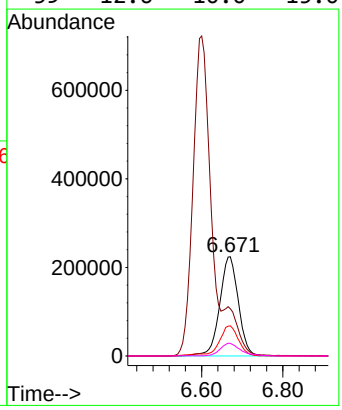
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

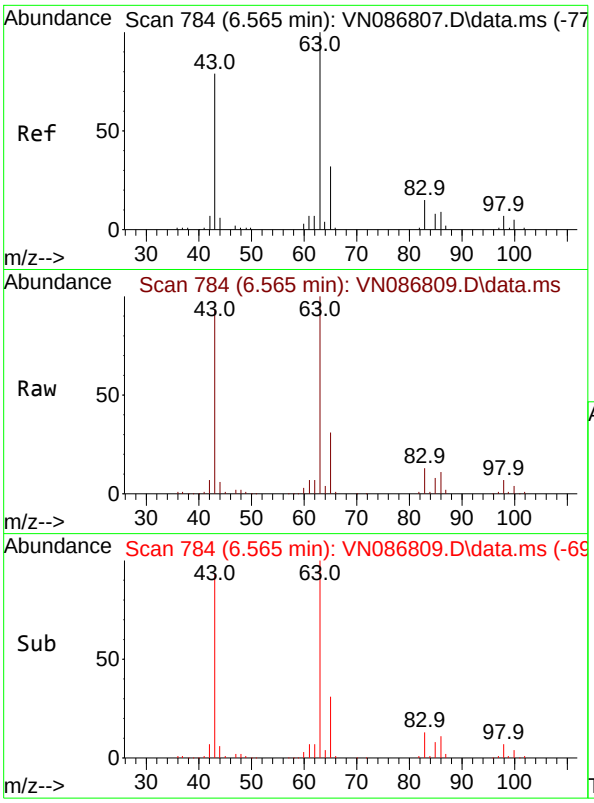


#20
Diisopropyl ether
Concen: 96.835 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 45 Resp: 716257

Ion	Ratio	Lower	Upper
45	100		
43	47.0	40.3	60.5
87	30.4	24.1	36.1
59	12.6	10.0	15.0

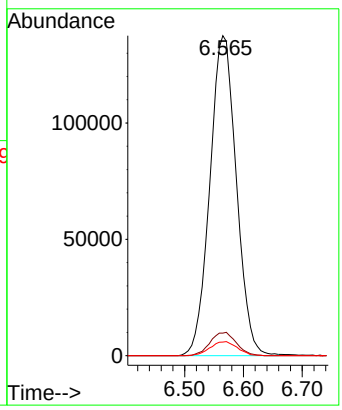




#21
1,1-Dichloroethane
Concen: 96.501 ug/l
RT: 6.565 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 63 Resp: 43076

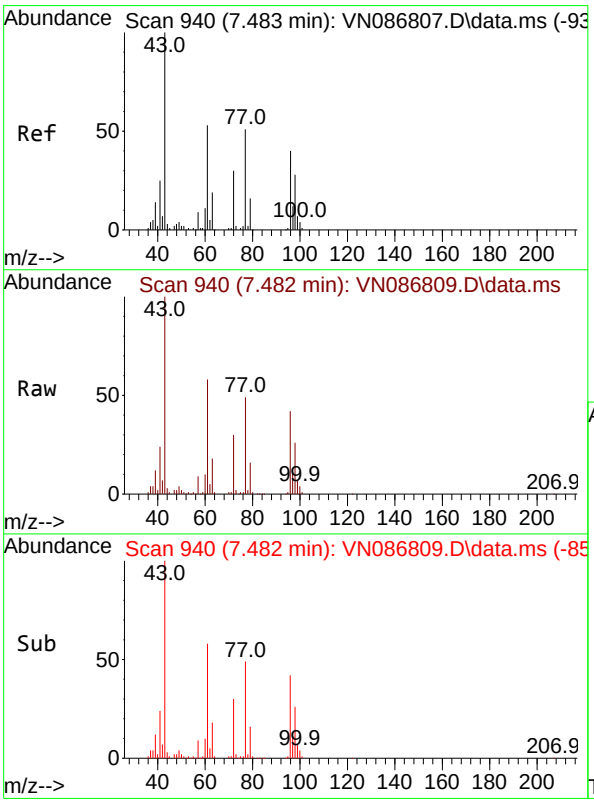
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.2	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

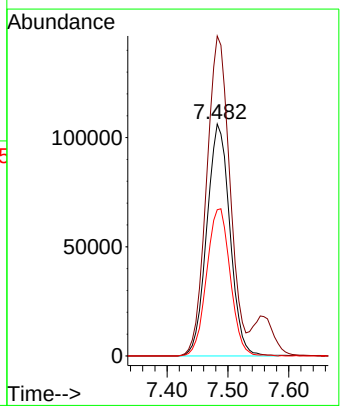
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

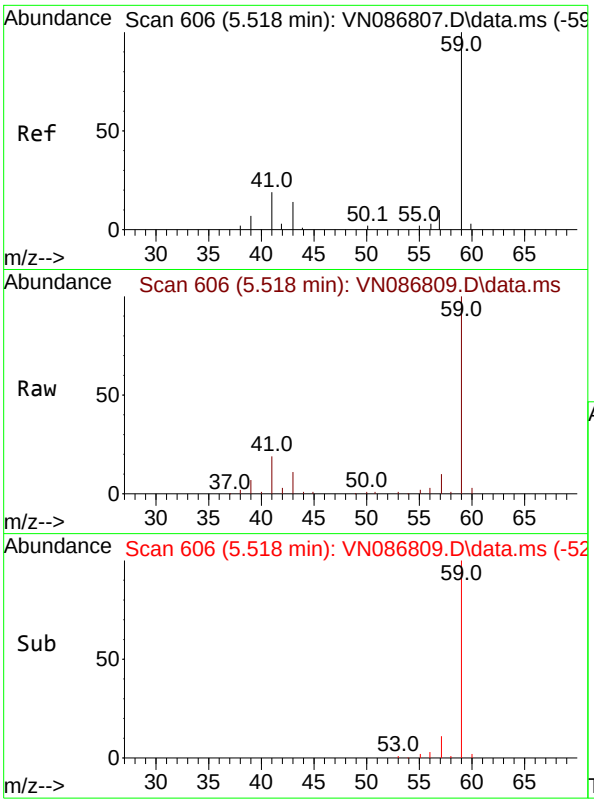


#22
cis-1,2-Dichloroethene
Concen: 97.738 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 96 Resp: 280022

Ion	Ratio	Lower	Upper
96	100		
61	138.6	110.7	166.1
98	64.8	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 495.389 ug/l
RT: 5.518 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

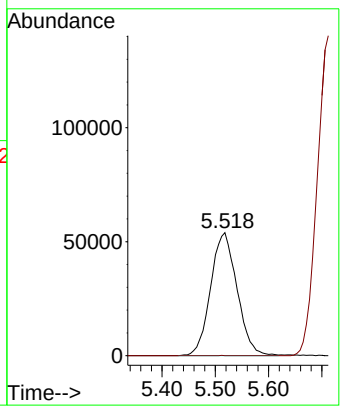
Tgt Ion: 59 Resp: 18586

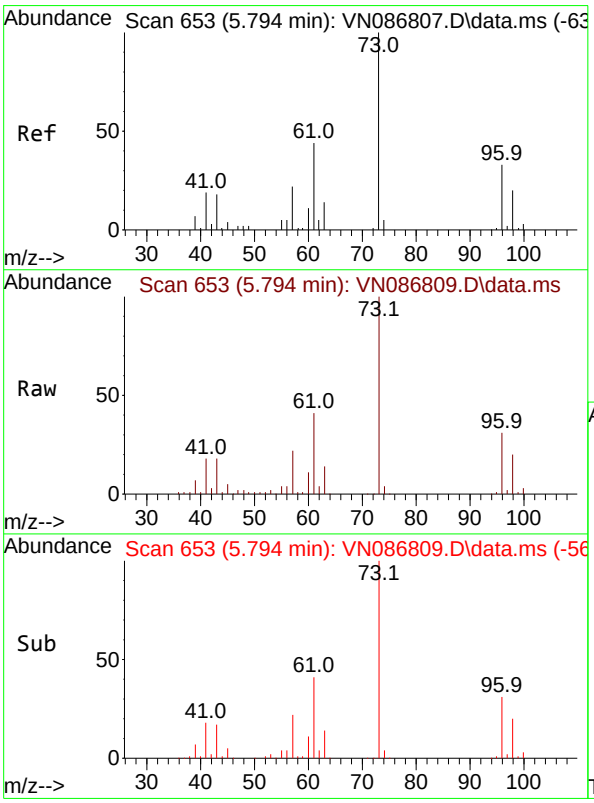
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

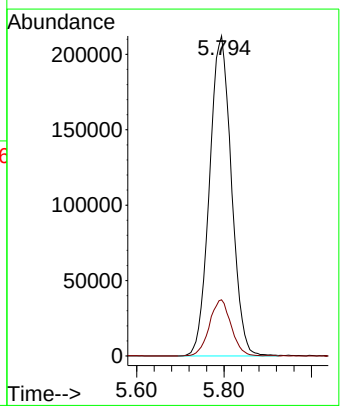


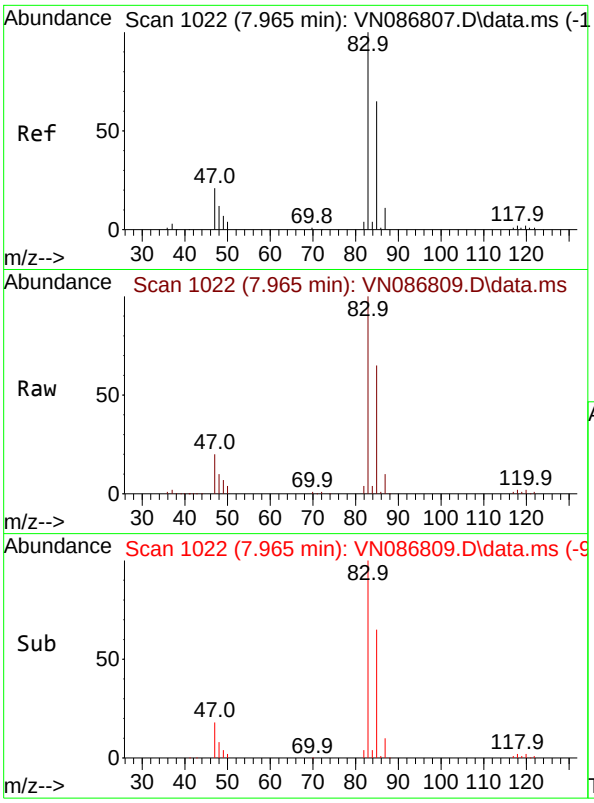


#24
Methyl tert-Butyl Ether
Concen: 99.046 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 73 Resp: 737949

Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.6	22.0

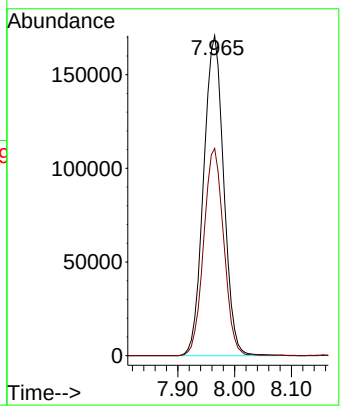




#25
Chloroform
Concen: 96.011 ug/l
RT: 7.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 83 Resp: 41948

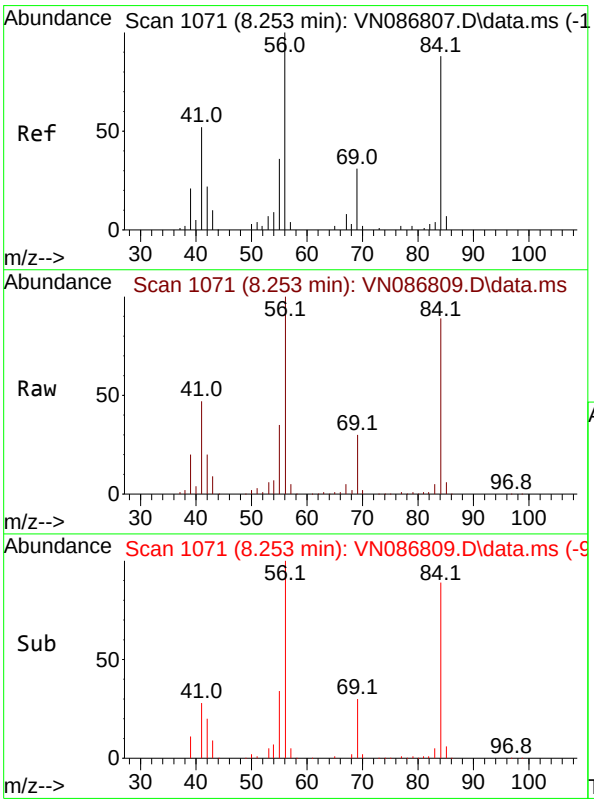
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

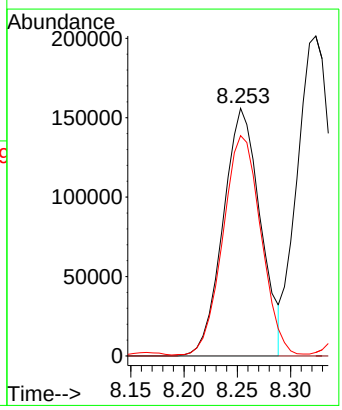
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

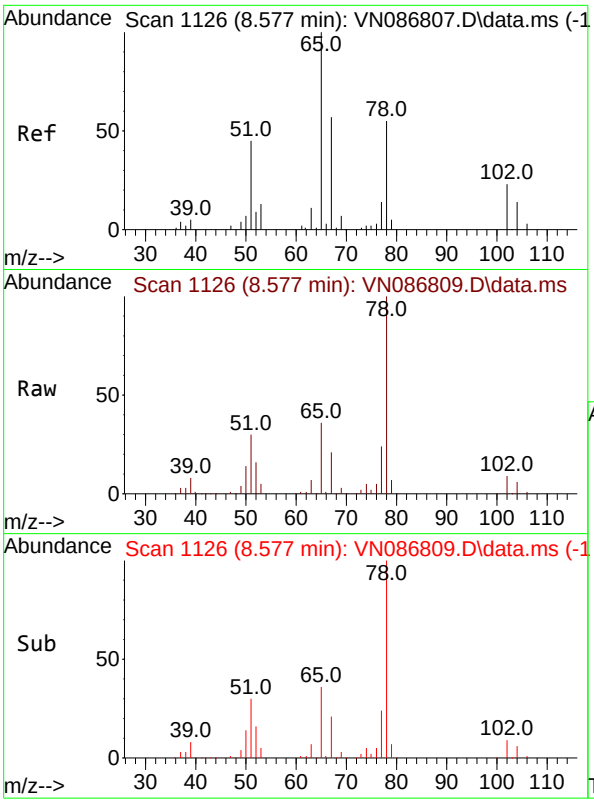


#26
Cyclohexane
Concen: 98.210 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 56 Resp: 379428

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	91.4	70.4	105.6

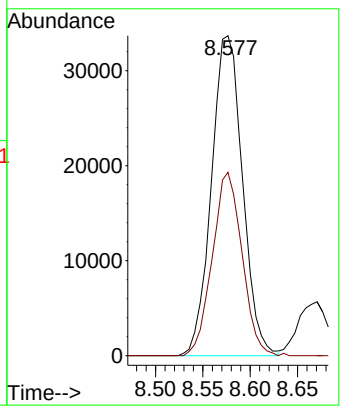




#27
1,2-Dichloroethane-d4
Concen: 29.212 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 65 Resp: 7693

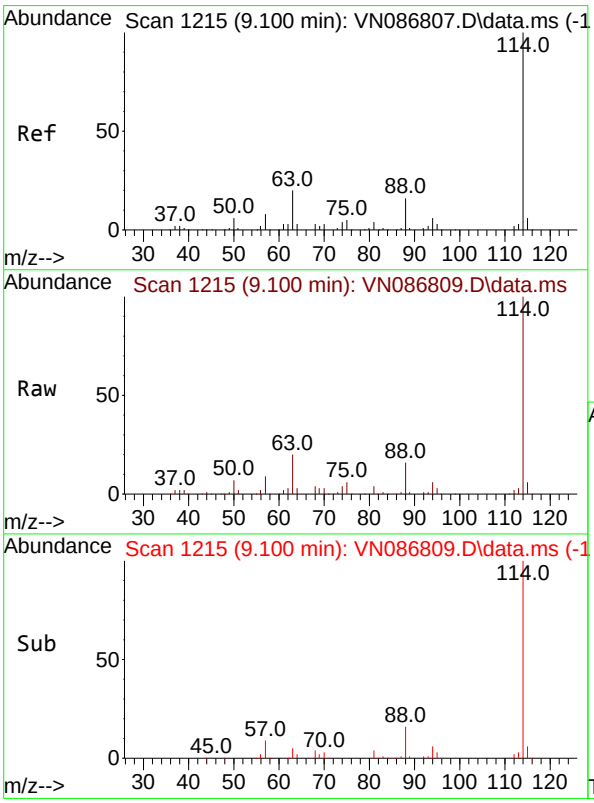
Ion	Ratio	Lower	Upper
65	100		
67	54.6	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

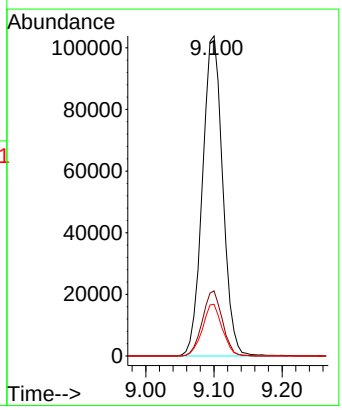
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

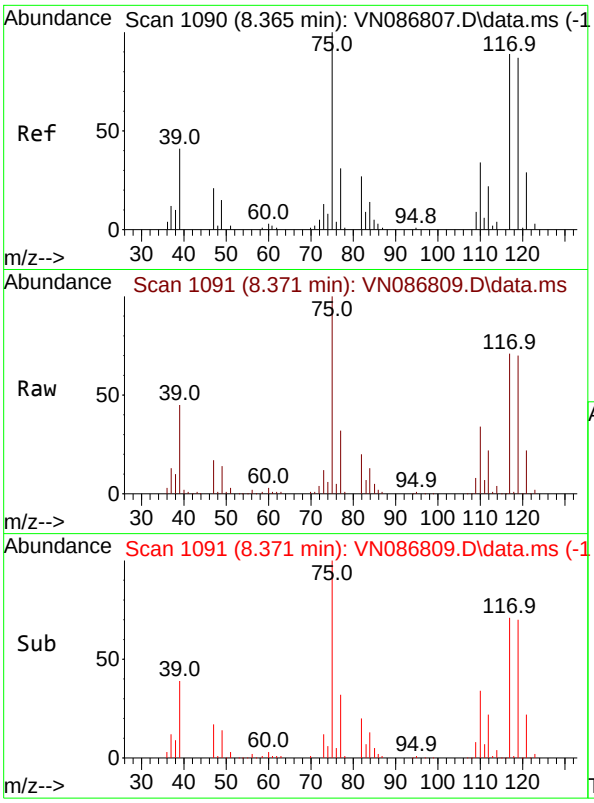


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:114 Resp: 214304

Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.8	23.8
88	15.8	12.9	19.3

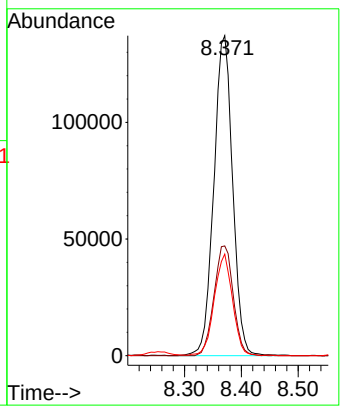




#29
1,1-Dichloropropene
Concen: 100.185 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 31567

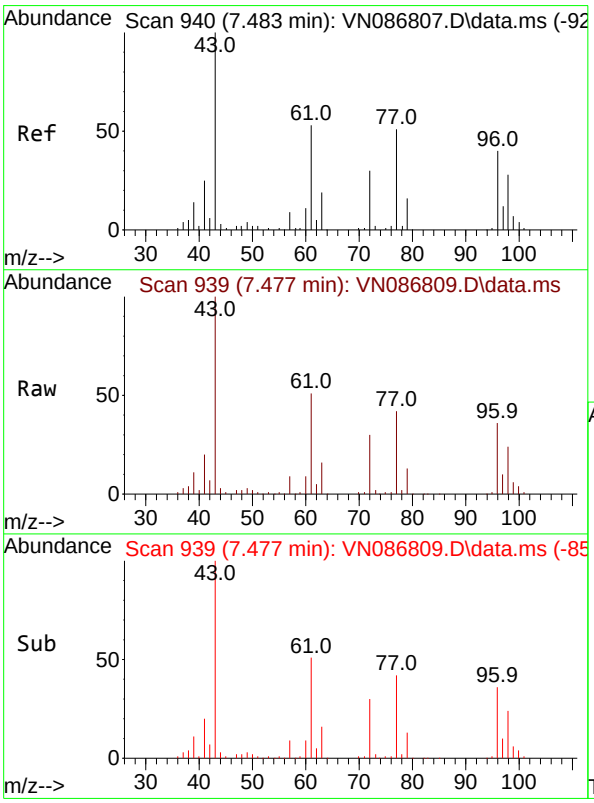
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	71.0
77	30.8	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

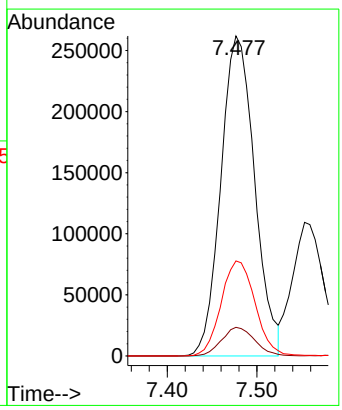
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

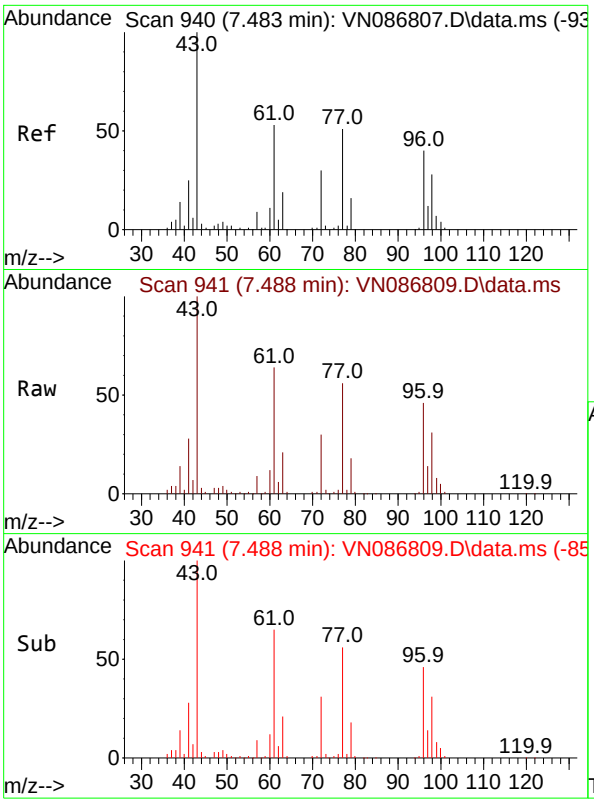


#30
2-Butanone
Concen: 496.728 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 43 Resp: 685765

Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	29.9	23.4	35.0





#31
2,2-Dichloropropane
Concen: 97.506 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

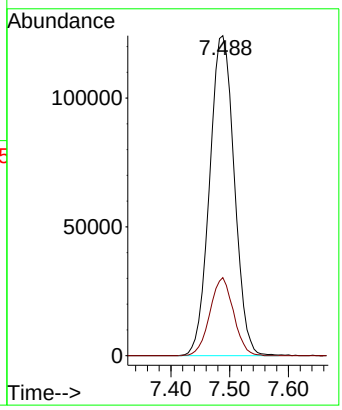
Tgt Ion: 77 Resp: 36265

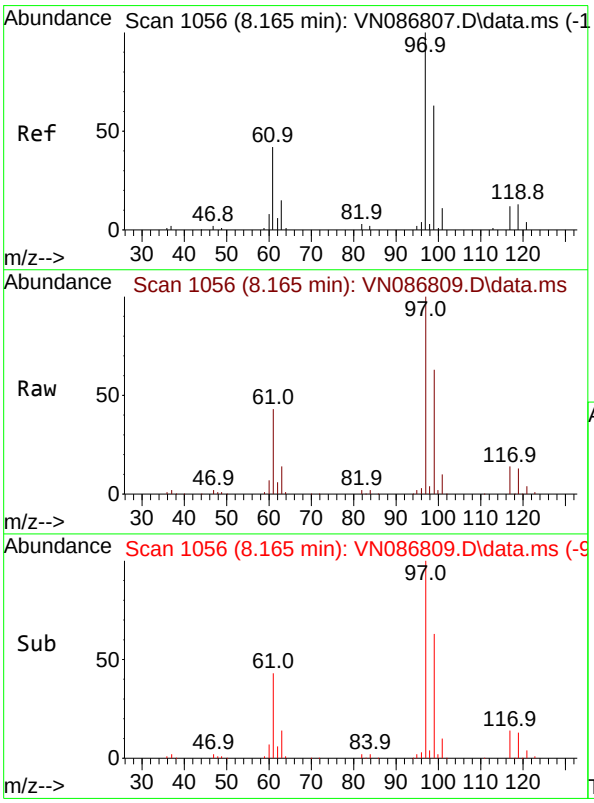
Ion	Ratio	Lower	Upper
77	100		
97	23.3	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

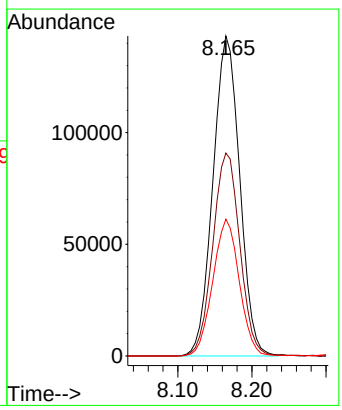


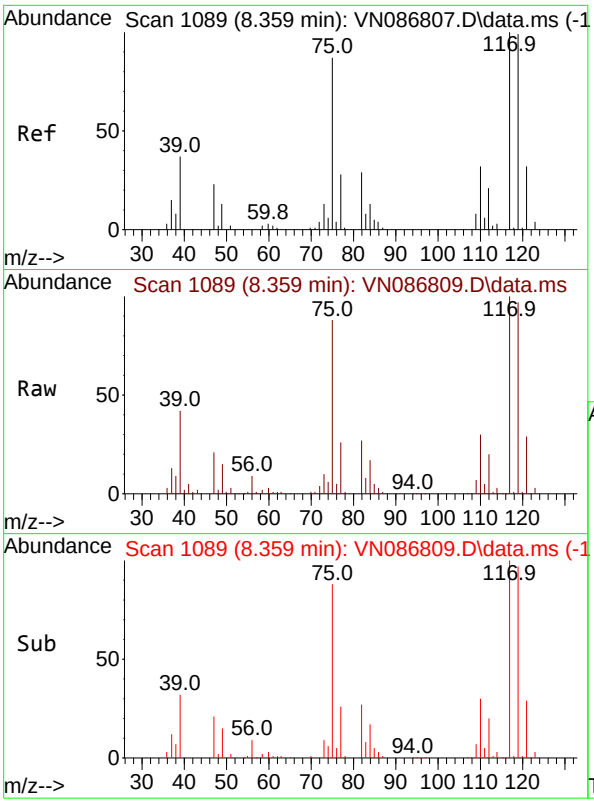


#32
1,1,1-Trichloroethane
Concen: 98.307 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 97 Resp: 359069

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	42.4	35.4	53.2

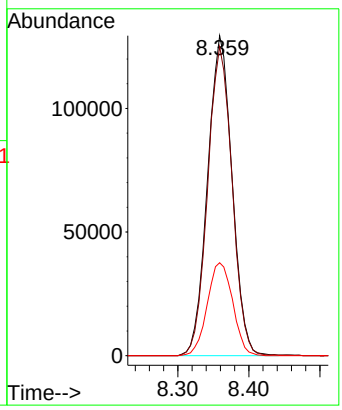




#33
Carbon Tetrachloride
Concen: 99.209 ug/l
RT: 8.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:117 Resp: 30975

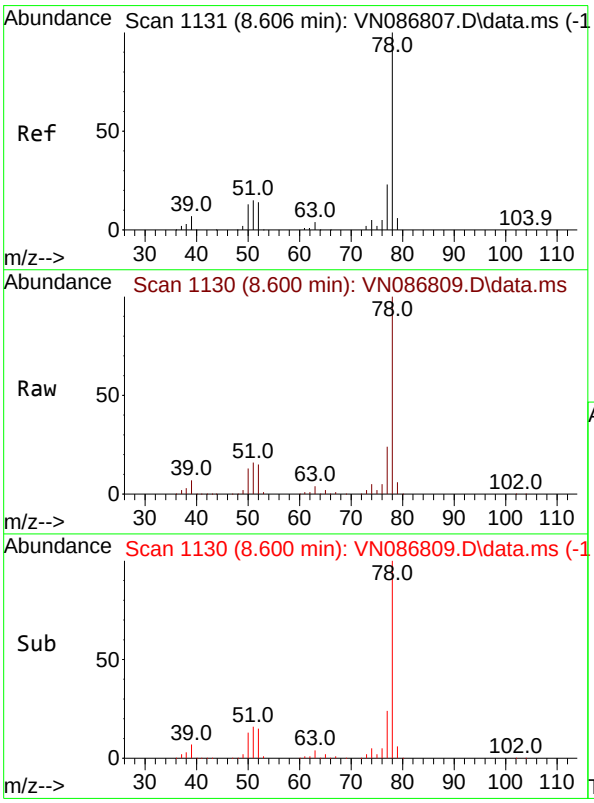
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.2	118.8
121	29.0	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

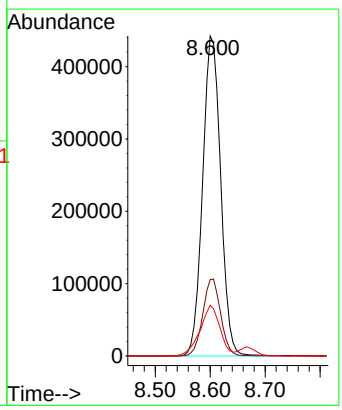
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

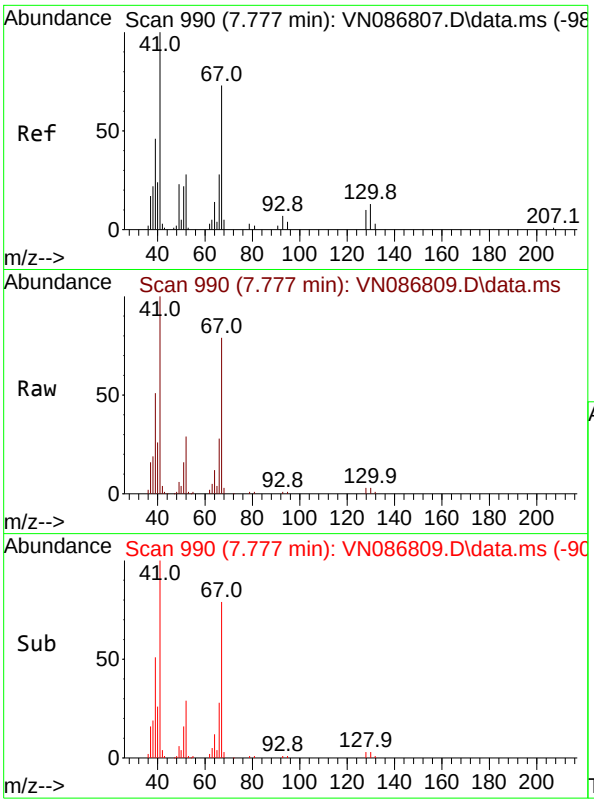


#34
Benzene
Concen: 98.353 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 78 Resp: 1008328

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2
51	15.8	11.9	17.9

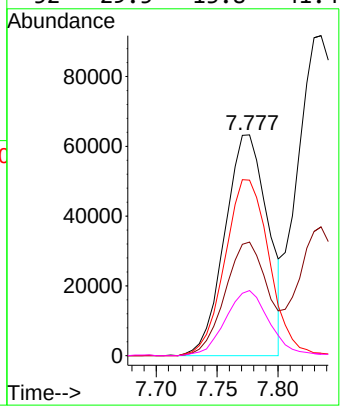




#35
Methacrylonitrile
Concen: 98.254 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 41 Resp: 15581

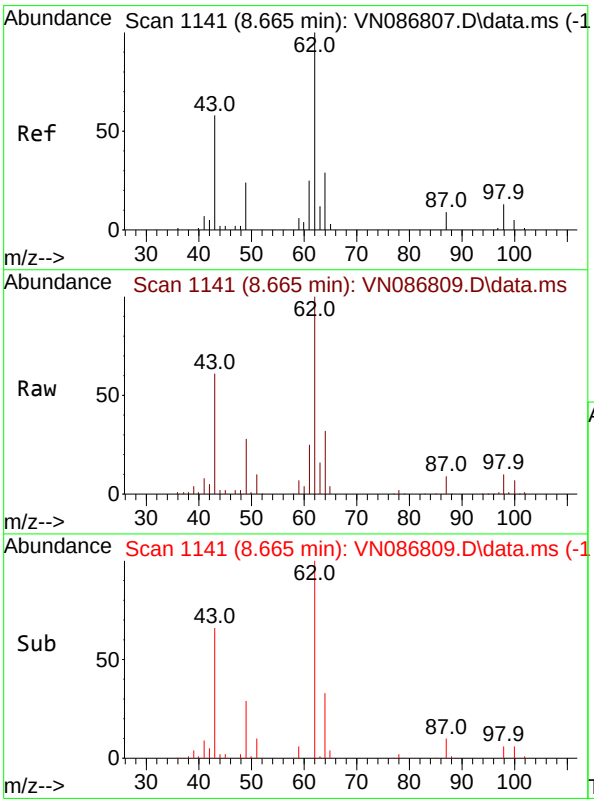
Ion	Ratio	Lower	Upper
41	100		
39	51.4	23.2	69.6
67	79.5	36.5	109.7
52	29.5	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

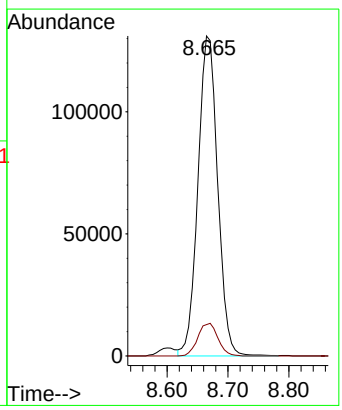
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

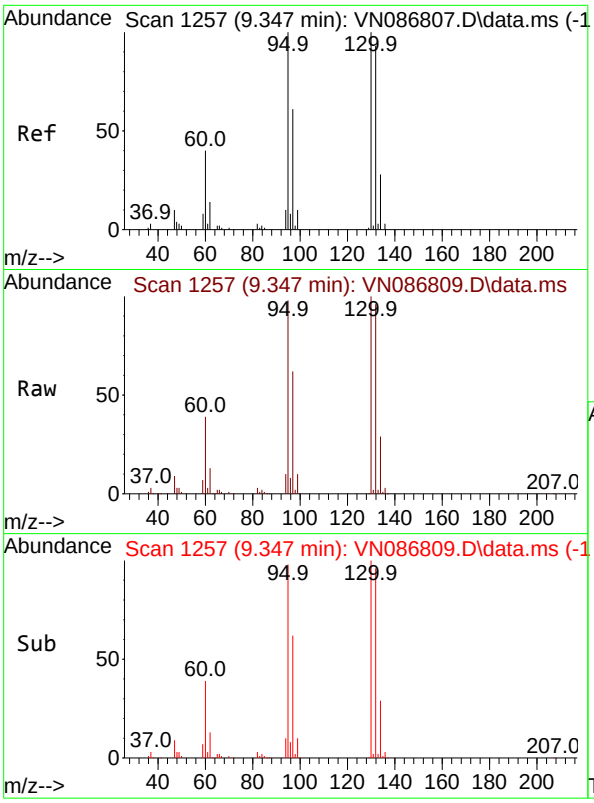


#36
1,2-Dichloroethane
Concen: 98.153 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 62 Resp: 294873

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.5	12.7

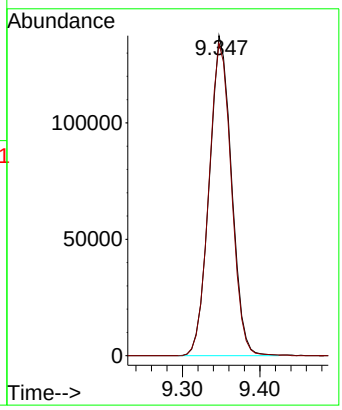




#37
Trichloroethene
Concen: 96.644 ug/l
RT: 9.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:130 Resp: 27482

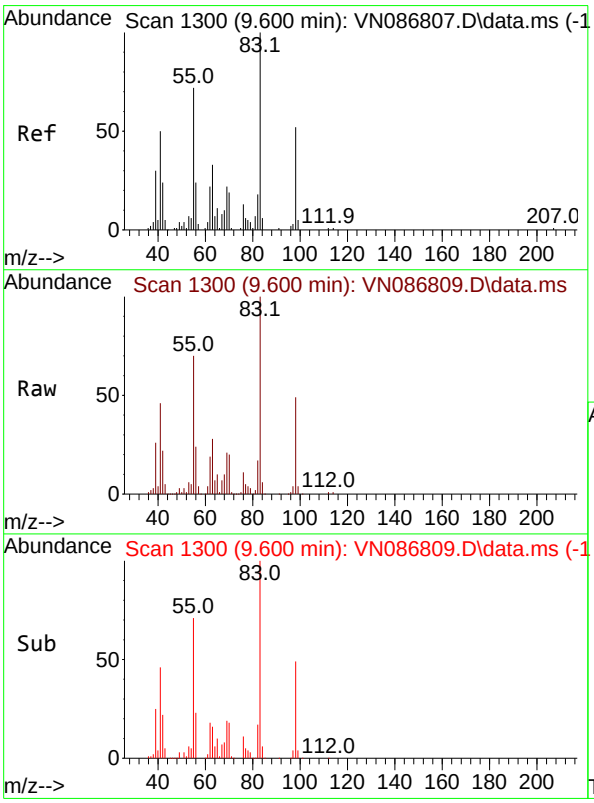
Ion	Ratio	Lower	Upper
130	100		
95	97.5	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

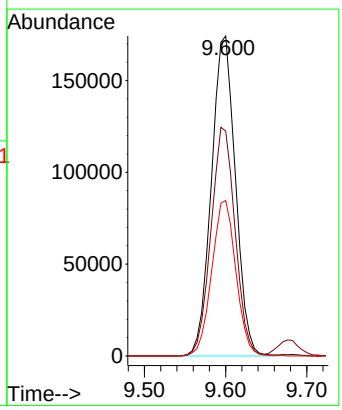
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

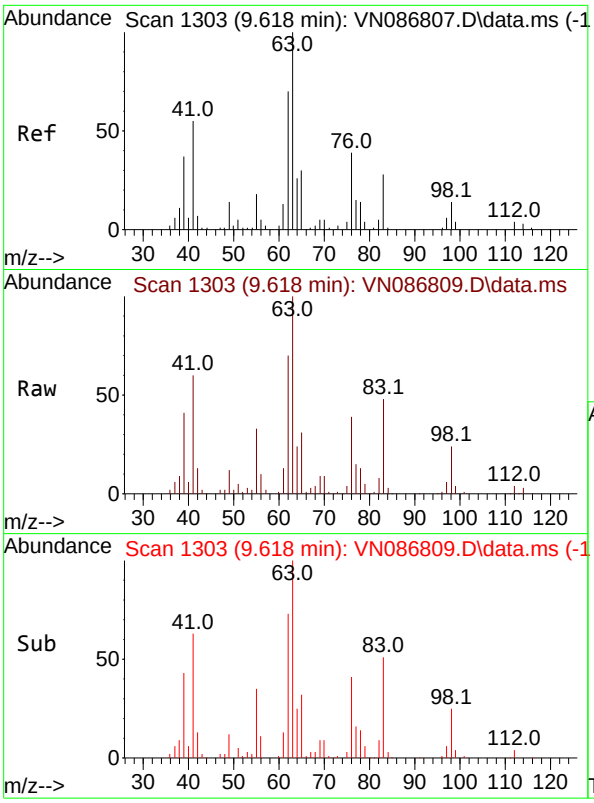


#38
Methylcyclohexane
Concen: 102.713 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 83 Resp: 359086

Ion	Ratio	Lower	Upper
83	100		
55	71.6	37.4	112.1
98	48.7	24.6	73.6

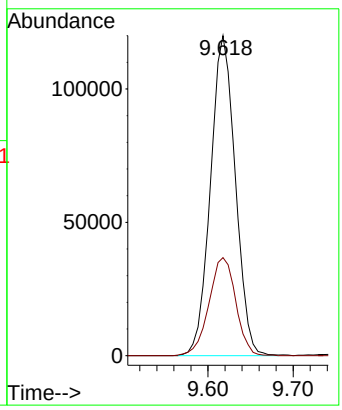




#39
1,2-Dichloropropane
Concen: 98.666 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 63 Resp: 24352

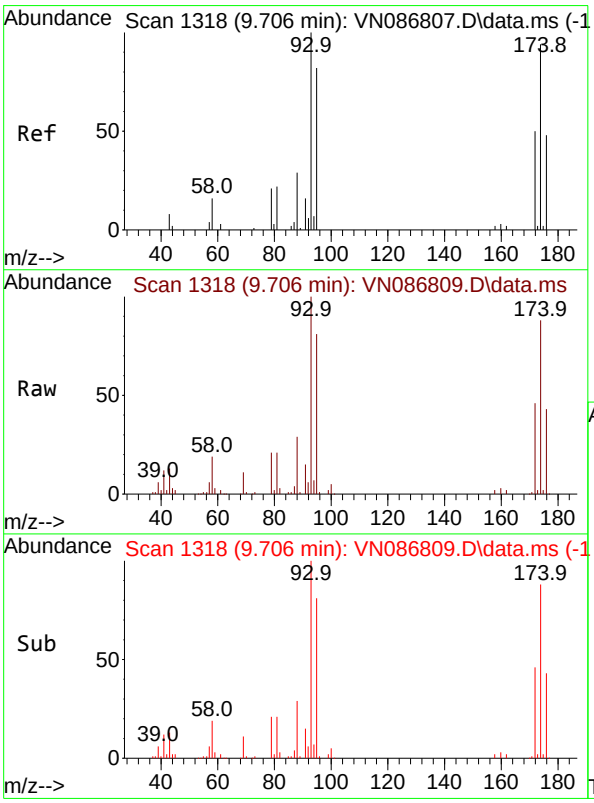
Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

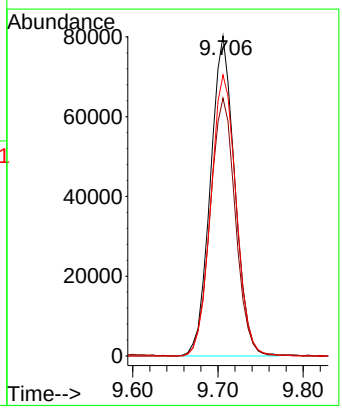
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

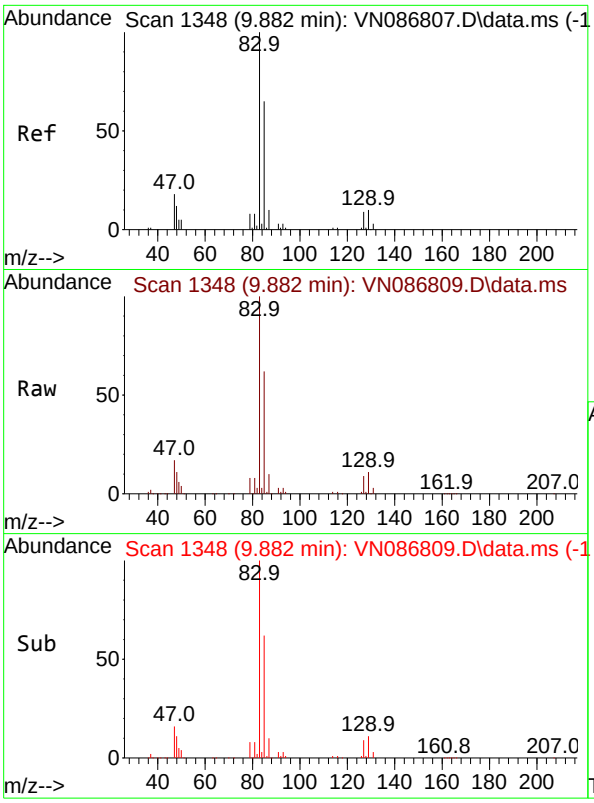


#40
Dibromomethane
Concen: 99.092 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 93 Resp: 159966

Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	166.4
174	90.9	0.0	181.8

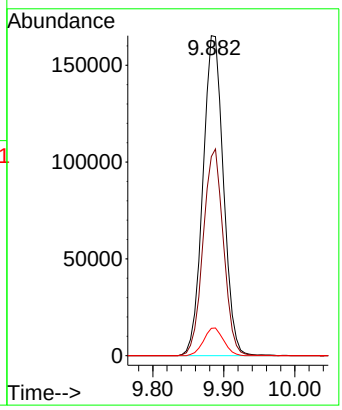




#41
Bromodichloromethane
Concen: 98.381 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 83 Resp: 33244

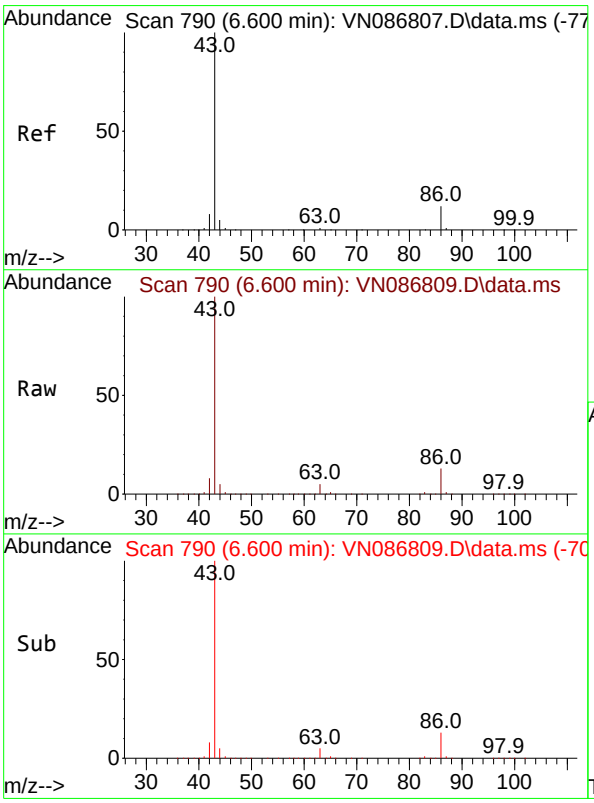
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	8.6	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

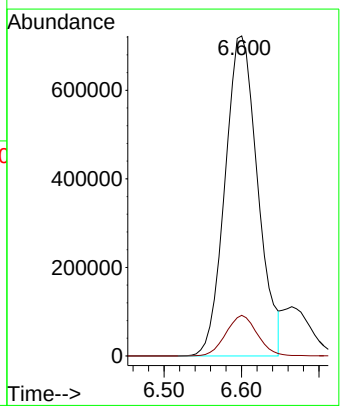
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

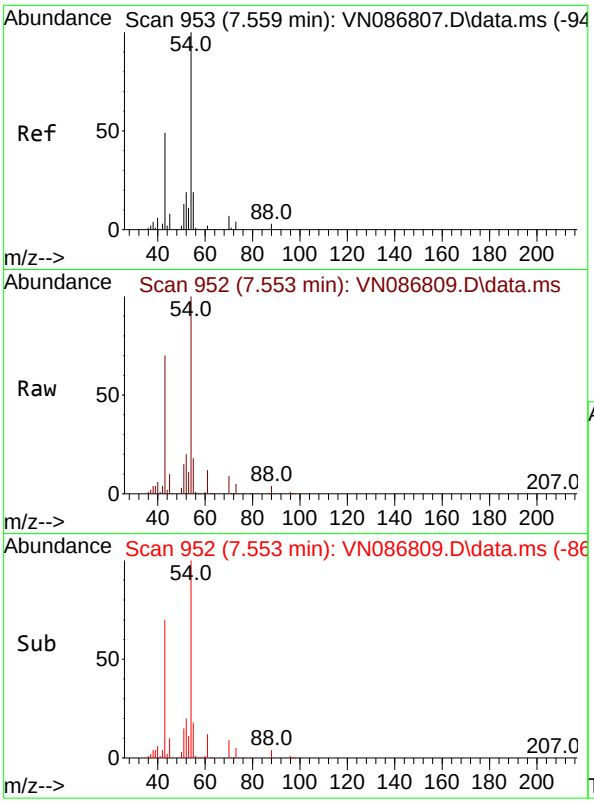


#42
Vinyl Acetate
Concen: 527.555 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 43 Resp: 2122994

Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.5	14.3





#43
Ethyl Acetate
Concen: 96.504 ug/l
RT: 7.553 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

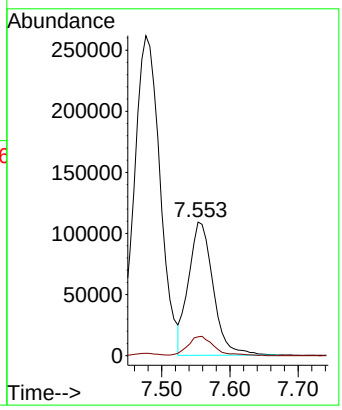
Tgt Ion: 43 Resp: 27262

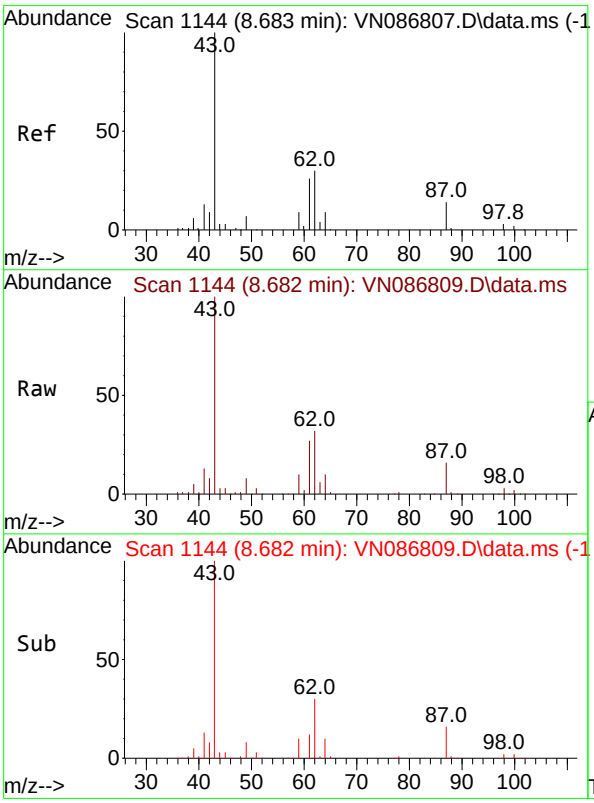
Ion	Ratio	Lower	Upper
43	100		
45	15.5	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

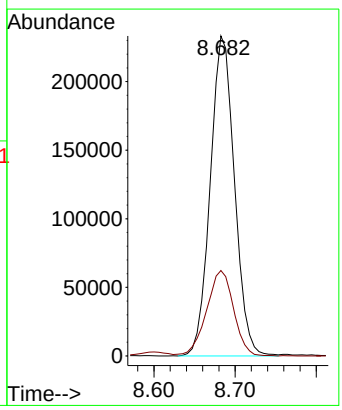


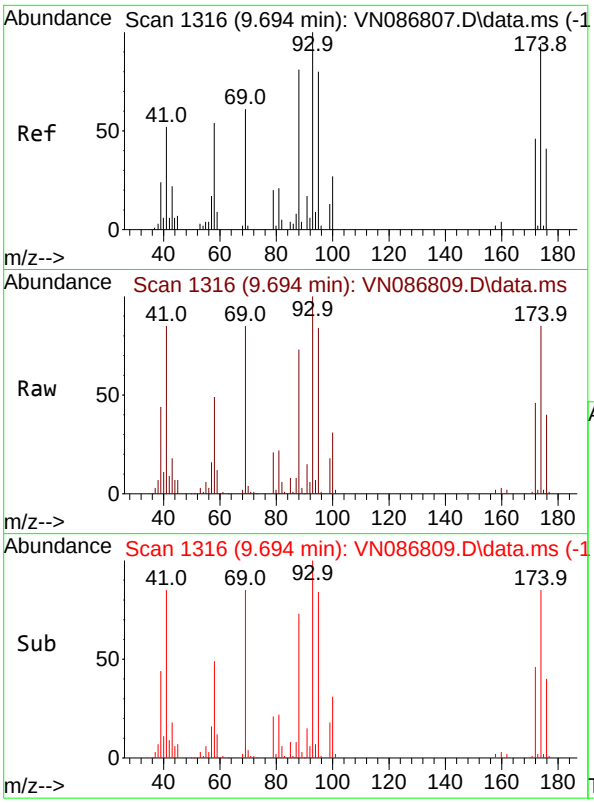


#44
Isopropyl Acetate
Concen: 99.870 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 43 Resp: 483974

Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.6

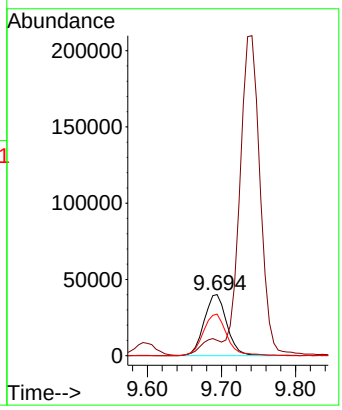




#45
1,4-Dioxane
Concen: 1982.473 ug/l
RT: 9.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 88 Resp: 8539

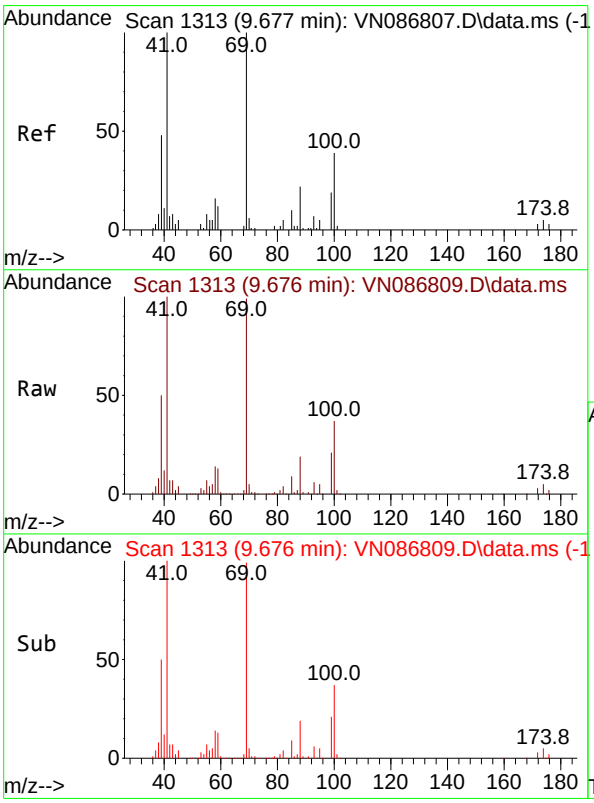
Ion	Ratio	Lower	Upper
88	100		
43	24.2	23.0	34.6
58	70.7	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

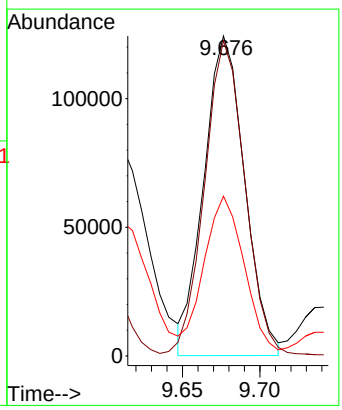
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

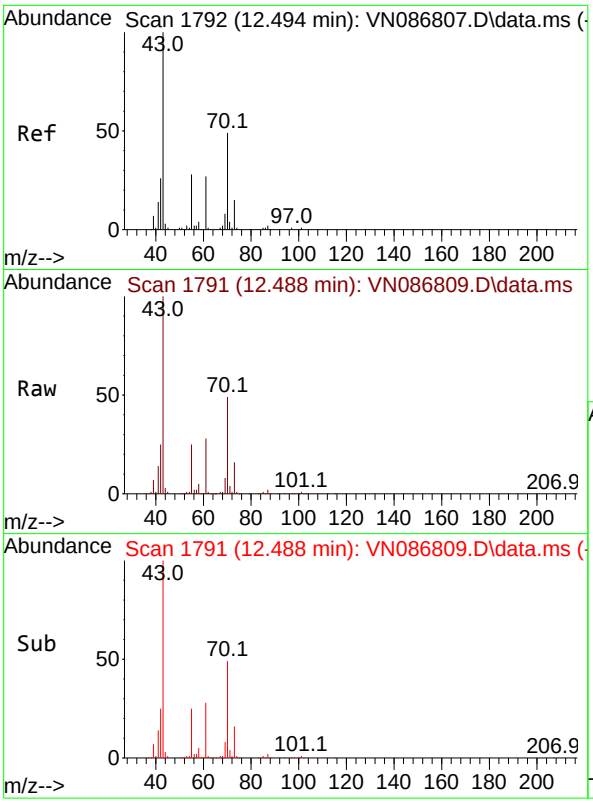


#46
Methyl methacrylate
Concen: 101.704 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 41 Resp: 227258

Ion	Ratio	Lower	Upper
41	100		
69	100.0	48.0	144.2
39	50.1	23.8	71.2





#47
n-amyl Acetate
Concen: 103.366 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

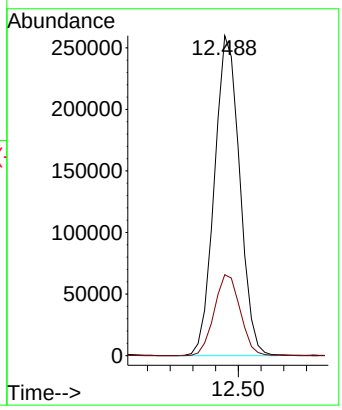
Tgt Ion: 43 Resp: 40214

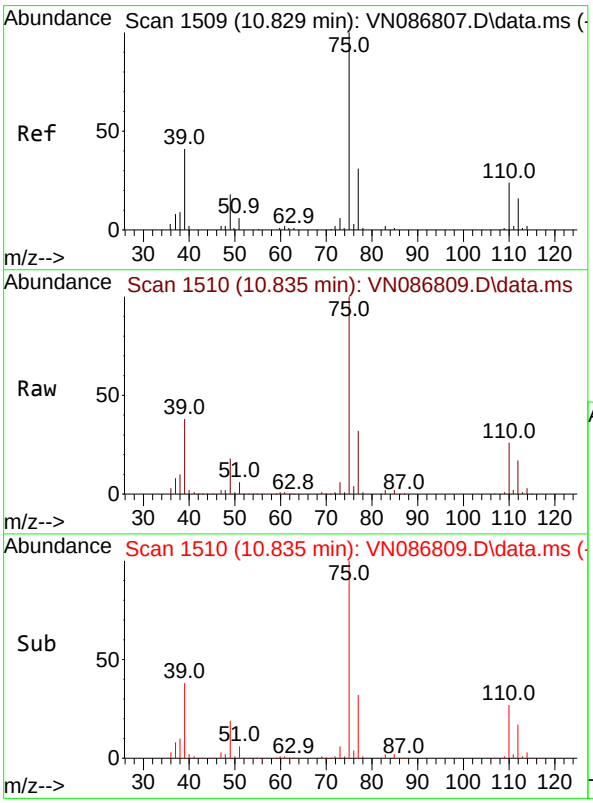
Ion	Ratio	Lower	Upper
43	100		
55	26.0	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

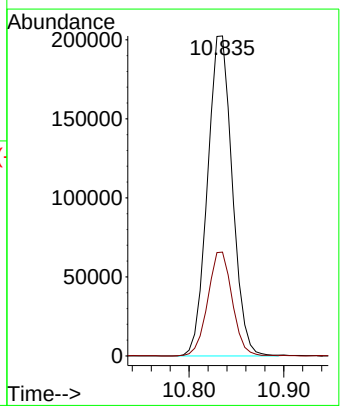


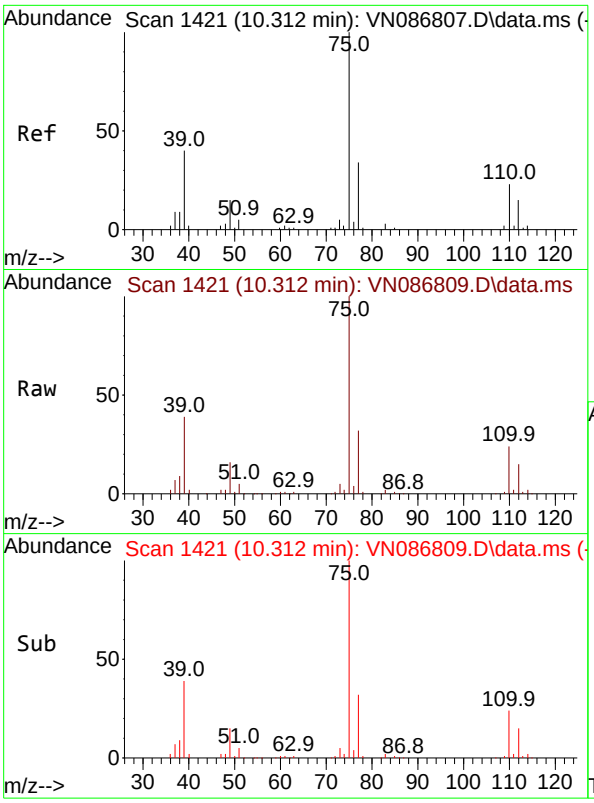


#48
t-1,3-Dichloropropene
Concen: 101.739 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 367895

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.1	37.7

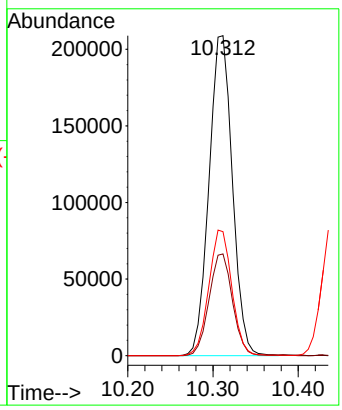




#49
cis-1,3-Dichloropropene
Concen: 100.110 ug/l
RT: 10.312 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 39817

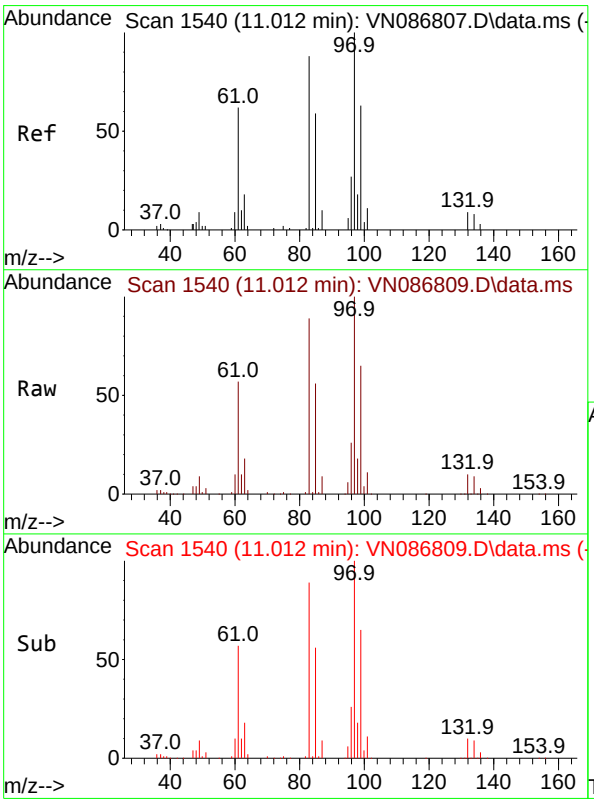
Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.9	40.3
39	38.7	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

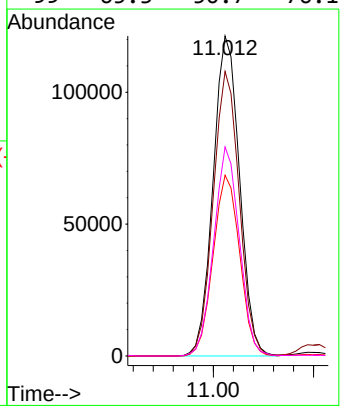
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

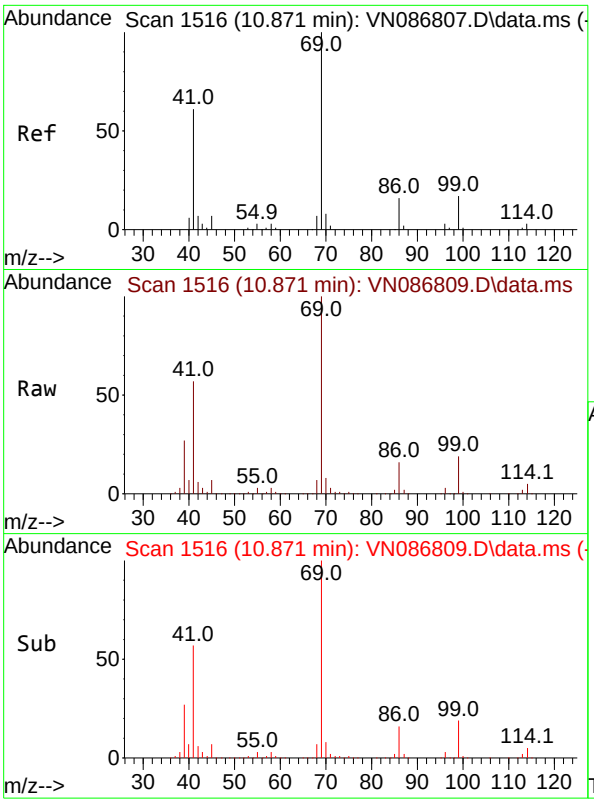


#50
1,1,2-Trichloroethane
Concen: 97.707 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 97 Resp: 222150

Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.6	105.8
85	56.4	46.8	70.2
99	65.3	50.7	76.1

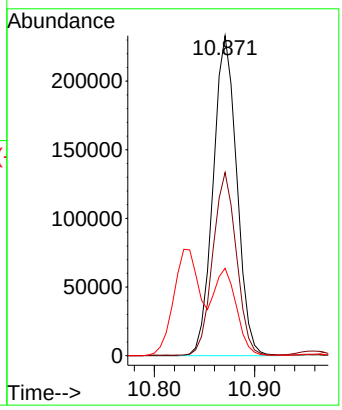




#51
Ethyl methacrylate
Concen: 103.617 ug/l
RT: 10.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 69 Resp: 38154

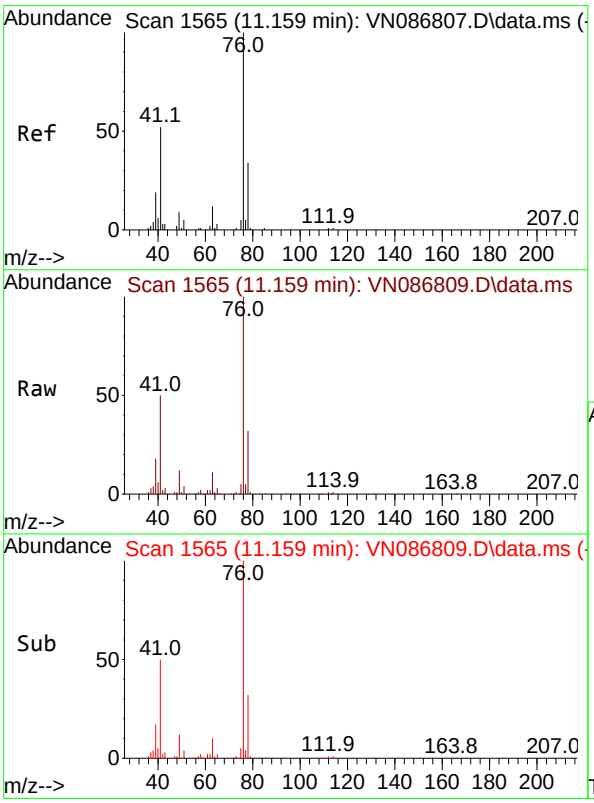
Ion	Ratio	Lower	Upper
69	100		
41	57.1	30.5	91.5
39	27.1	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

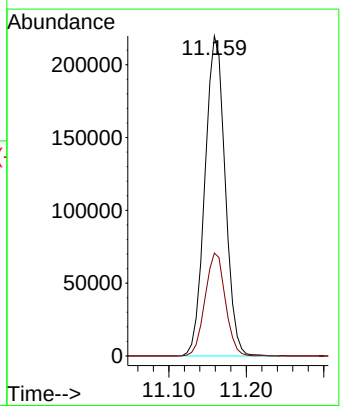
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

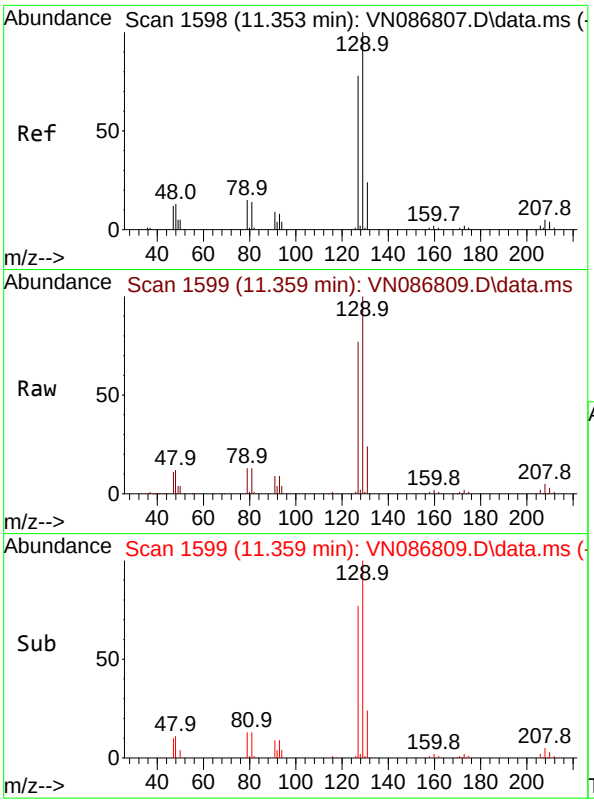


#52
1,3-Dichloropropane
Concen: 98.473 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 76 Resp: 397338

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6





#53
Dibromochloromethane
Concen: 100.288 ug/l
RT: 11.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

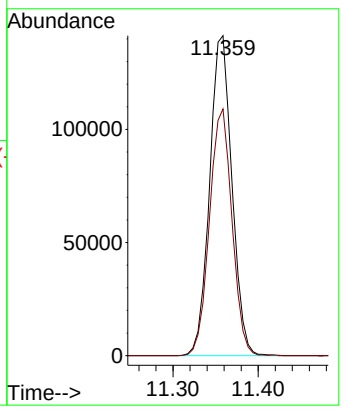
Tgt Ion:129 Resp: 25767

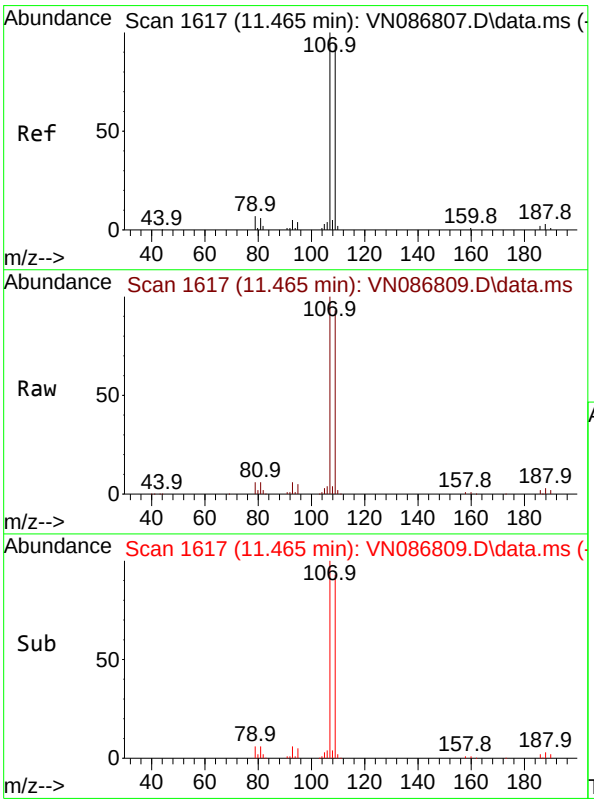
Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

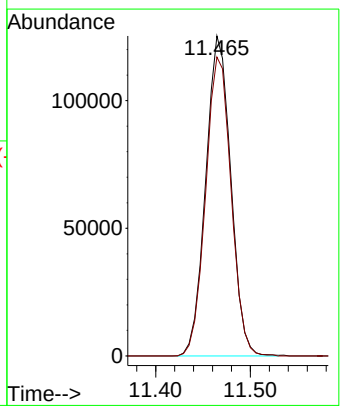


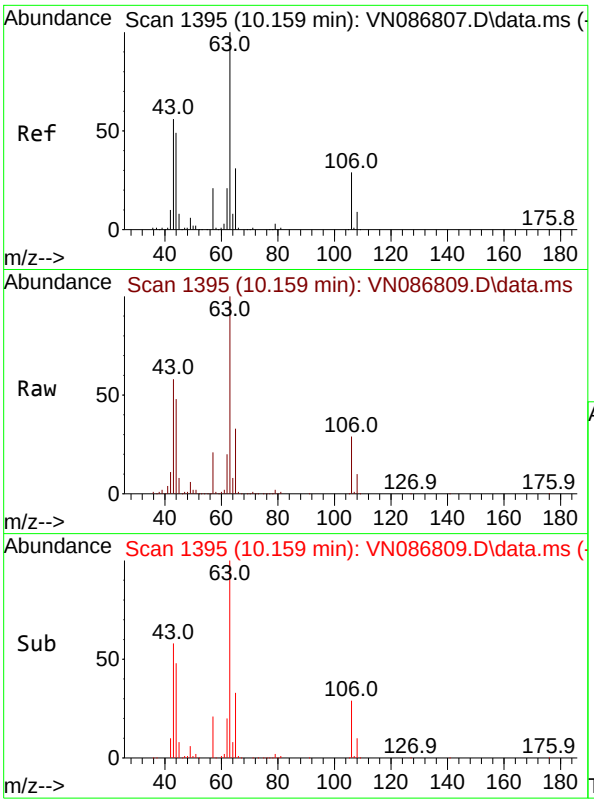


#54
1,2-Dibromoethane
Concen: 99.021 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:107 Resp: 230134

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.6

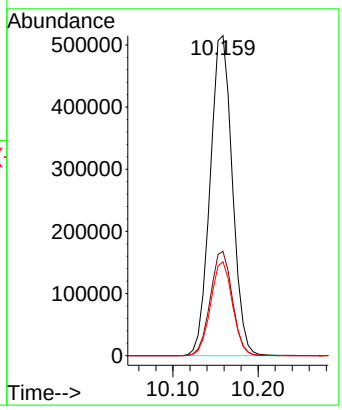




#55
2-Chloroethyl vinyl ether
Concen: 527.263 ug/l
RT: 10.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 63 Resp: 93195

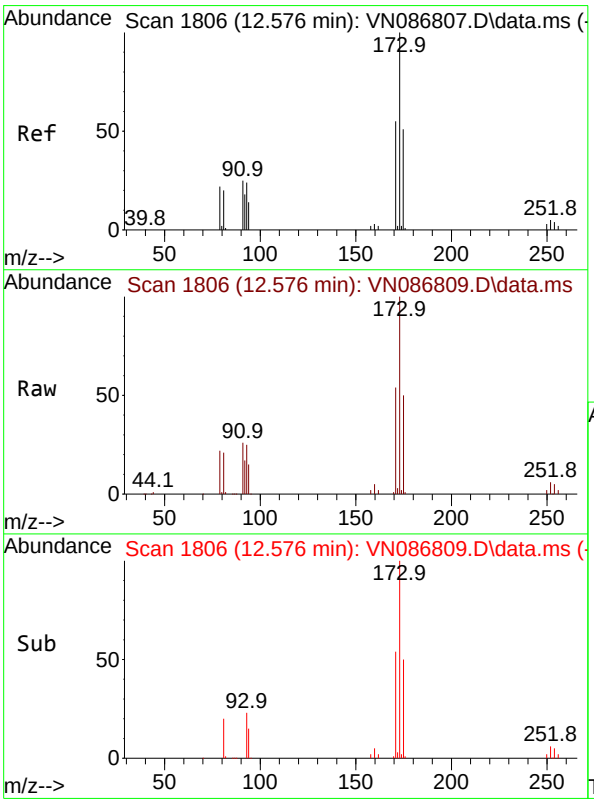
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	28.9	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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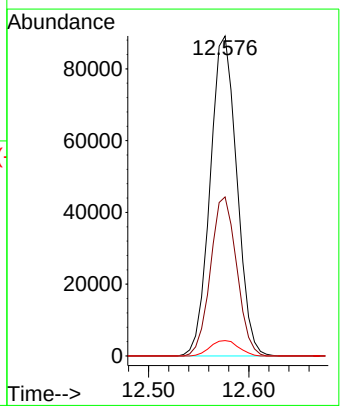
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

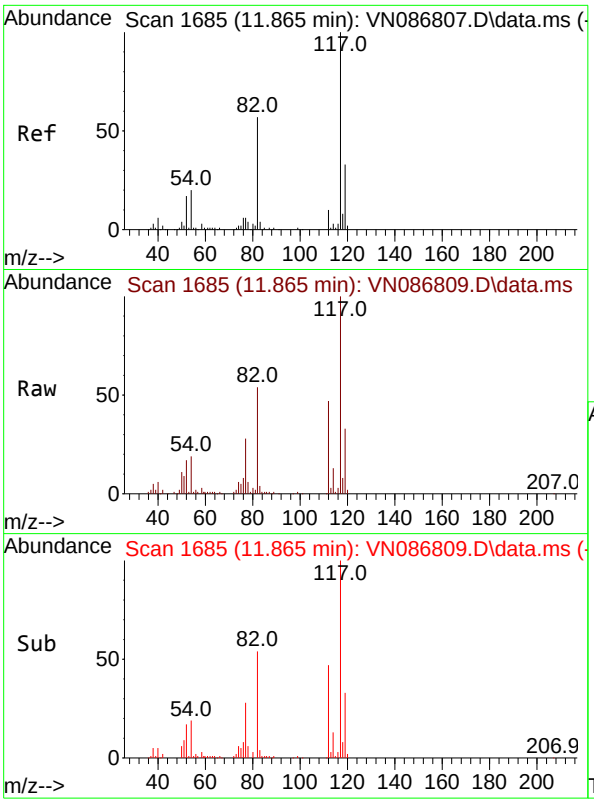


#56
Bromoform
Concen: 101.759 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:173 Resp: 164734

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.7	59.5
254	5.1	3.5	5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

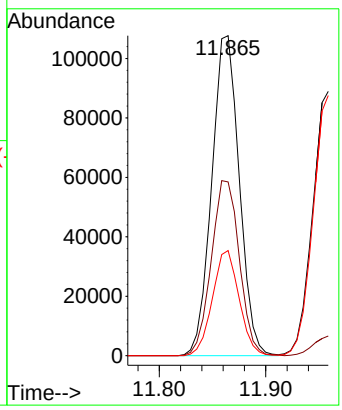
Tgt Ion:117 Resp: 19343

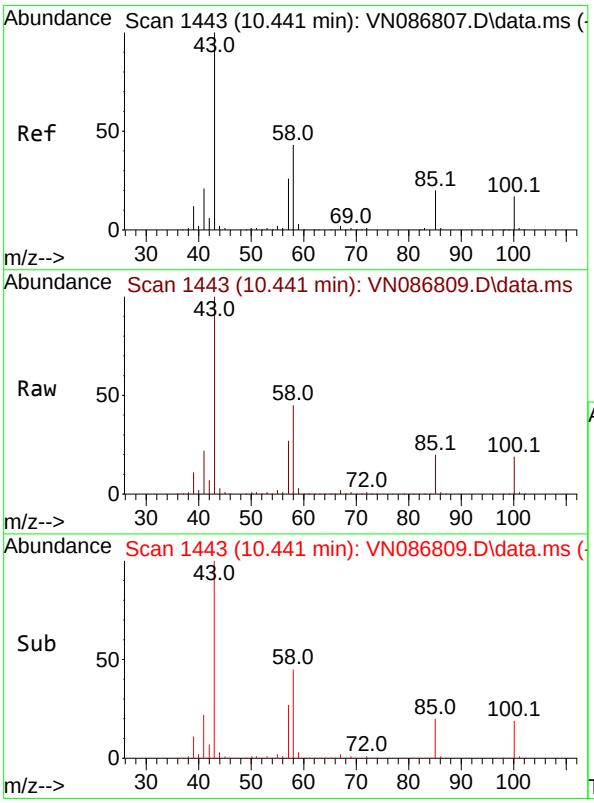
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.7	67.1
119	31.9	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

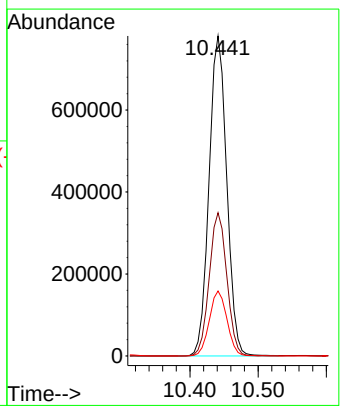


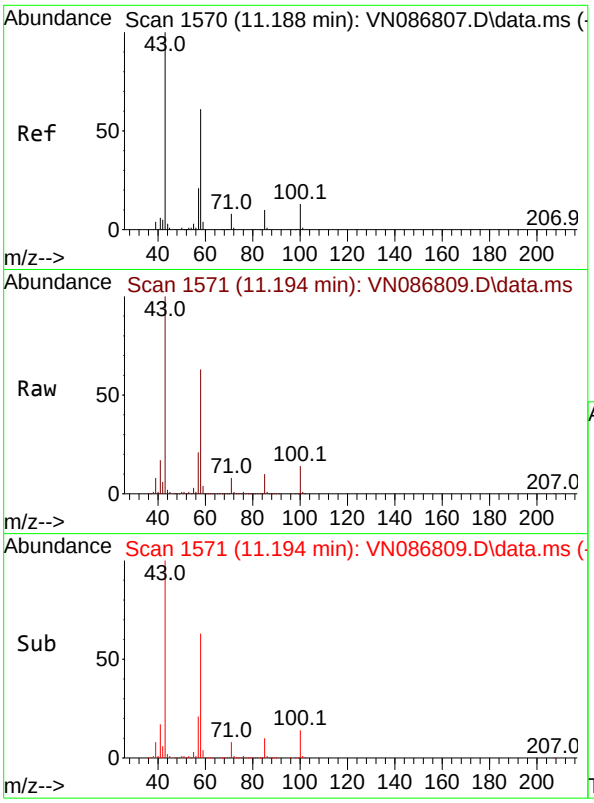


#58
4-Methyl-2-Pentanone
Concen: 496.637 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 43 Resp: 1409635

Ion	Ratio	Lower	Upper
43	100		
58	44.6	34.5	51.7
85	20.3	15.8	23.8





#59
2-Hexanone
Concen: 506.357 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

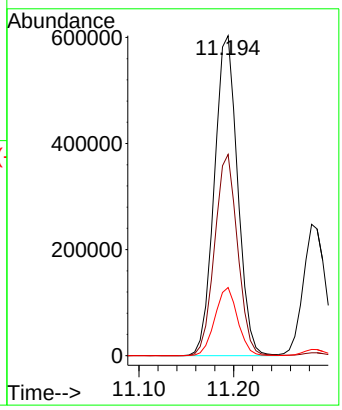
Tgt Ion: 43 Resp: 102949

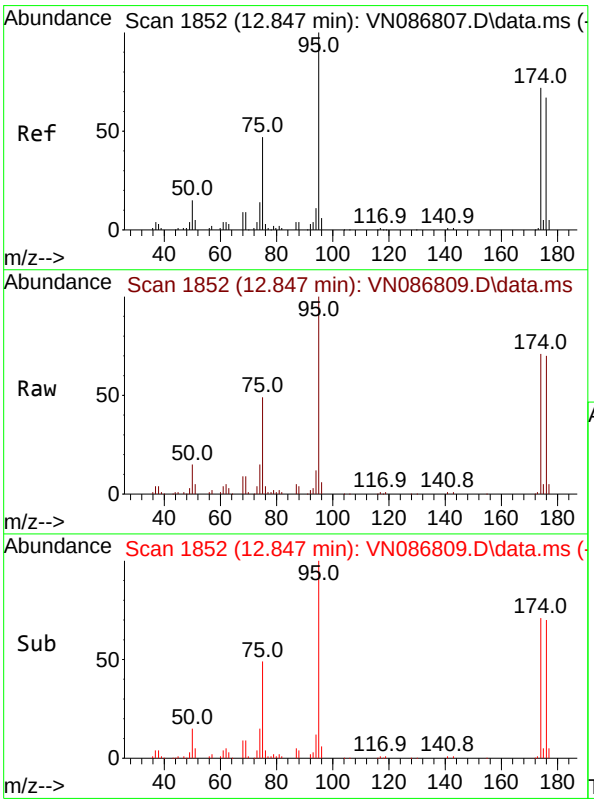
Ion	Ratio	Lower	Upper
43	100		
58	62.0	49.1	73.7
57	20.9	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

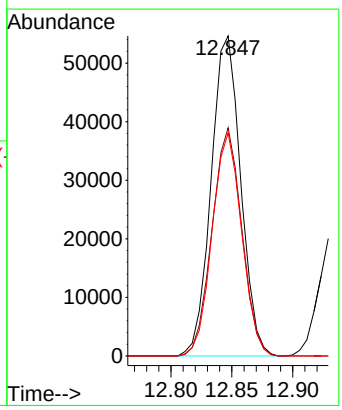


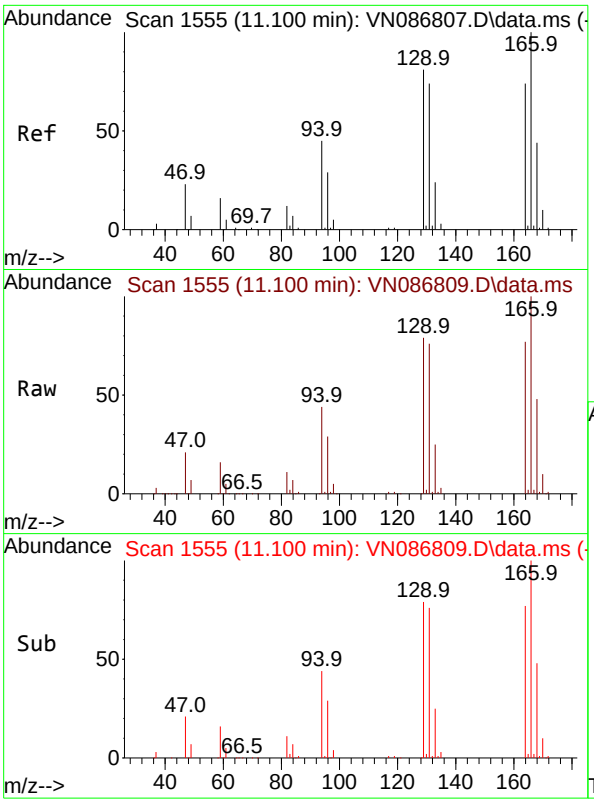


#60
4-Bromofluorobenzene
Concen: 30.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 95 Resp: 92260

Ion	Ratio	Lower	Upper
95	100		
174	71.5	56.2	84.4
176	69.3	53.4	80.0

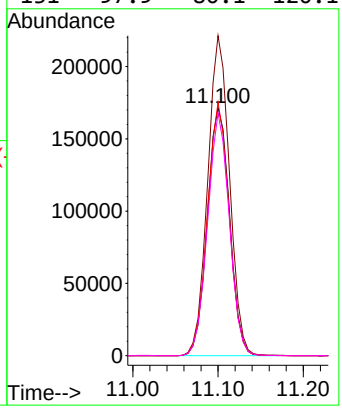




#61
Tetrachloroethene
Concen: 95.819 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:164 Resp: 31156

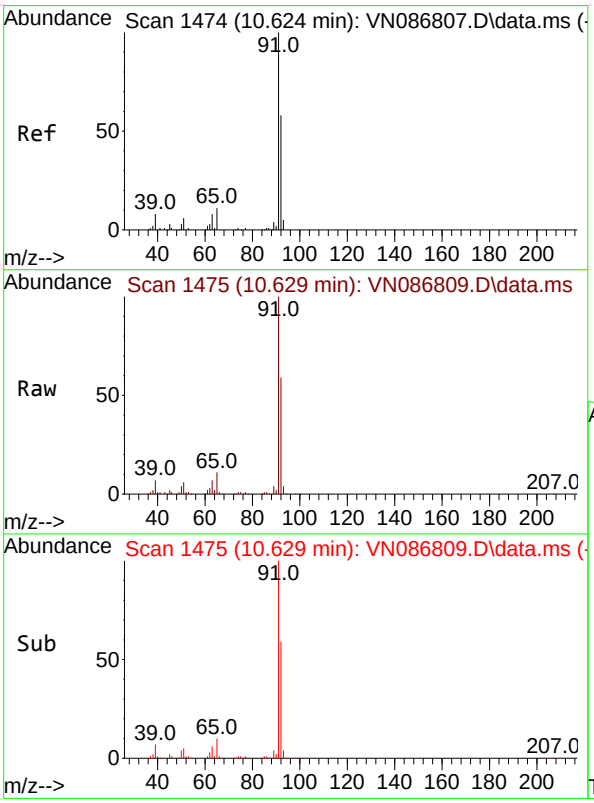
Ion	Ratio	Lower	Upper
164	100		
166	129.1	107.5	161.3
129	102.1	87.4	131.2
131	97.9	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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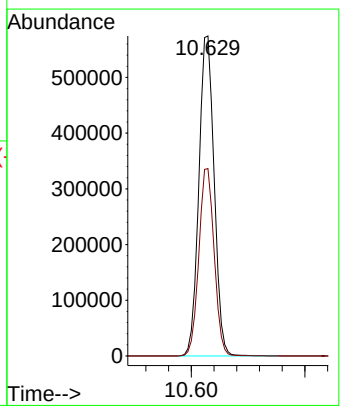
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

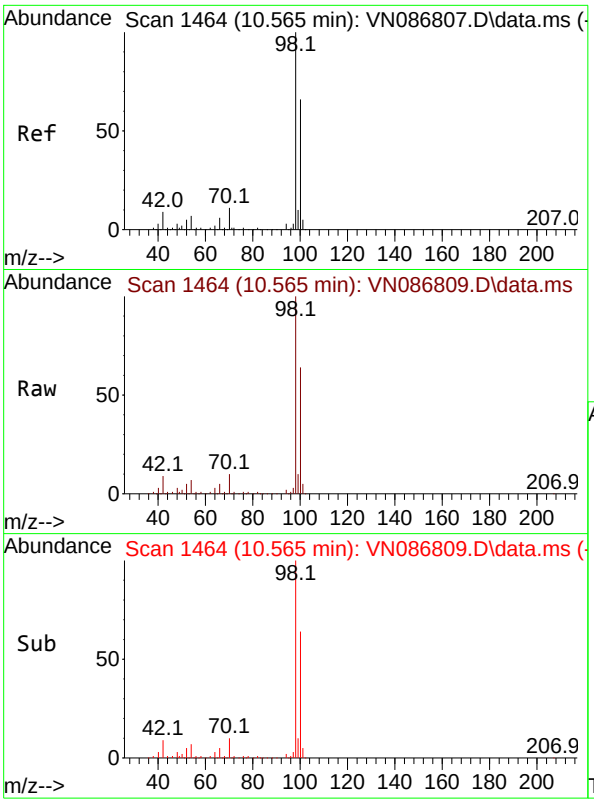


#62
Toluene
Concen: 98.623 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 1074429

Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.6	70.0





#63
Toluene-d8
Concen: 29.881 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

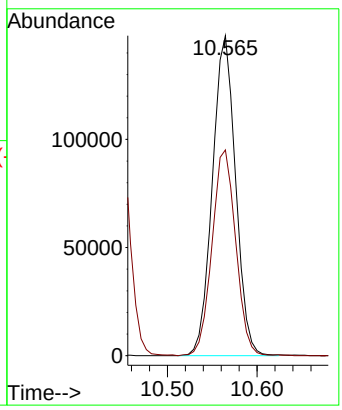
Tgt Ion: 98 Resp: 26529

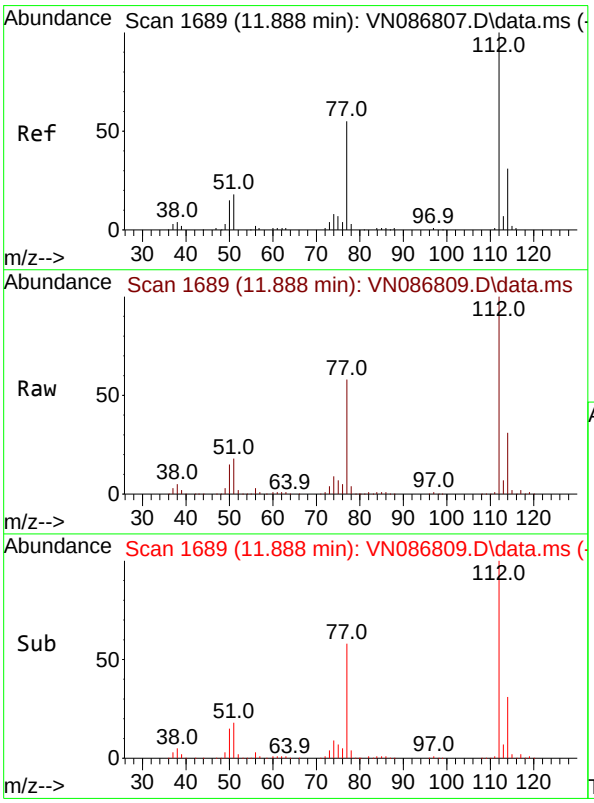
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

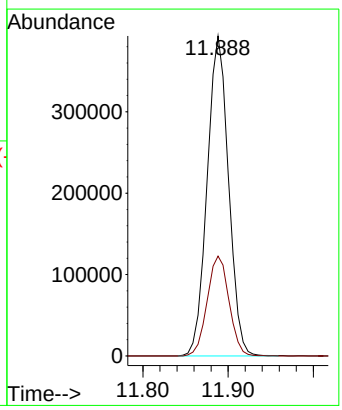


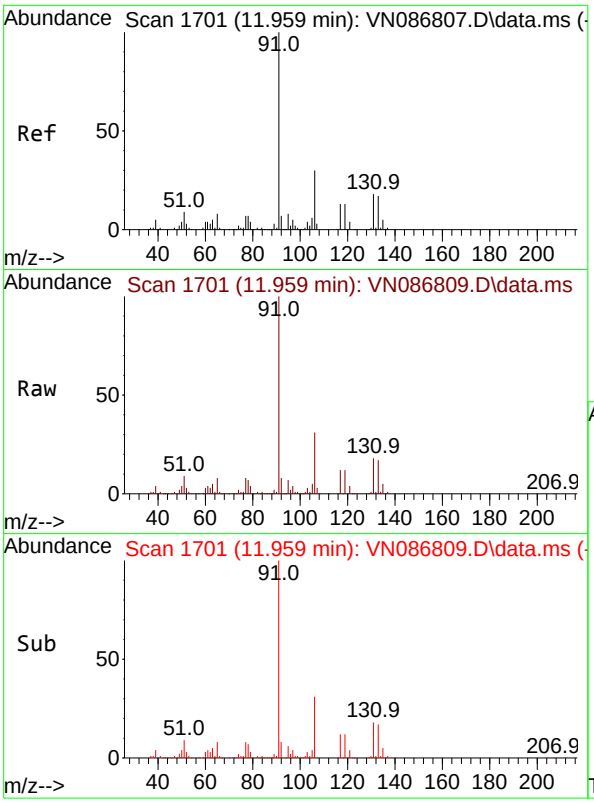


#64
Chlorobenzene
Concen: 98.580 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:112 Resp: 684904

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 99.763 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

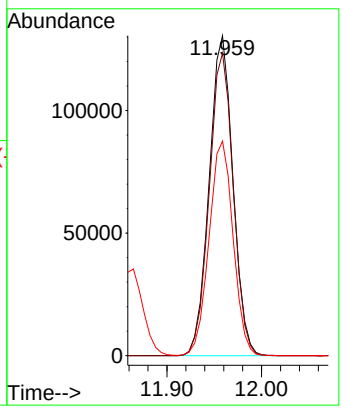
Tgt Ion:131 Resp: 22770

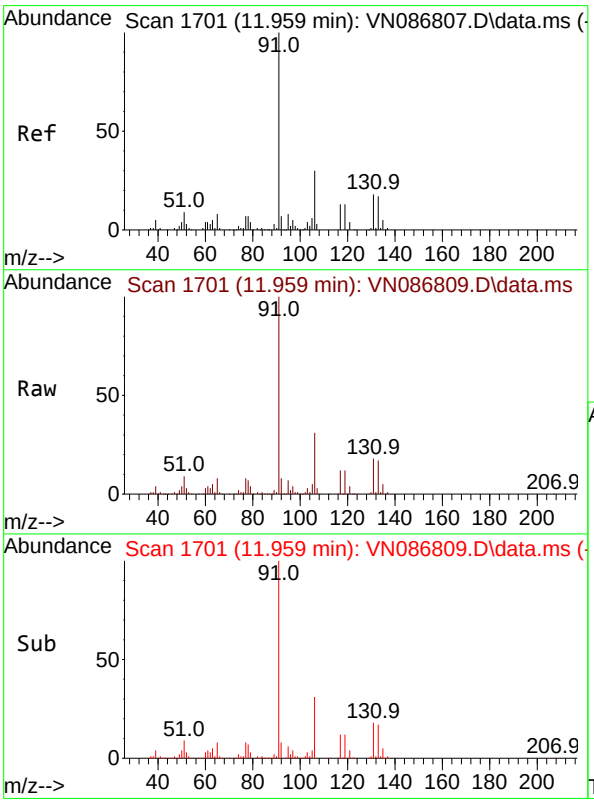
Ion	Ratio	Lower	Upper
131	100		
133	95.2	0.0	191.0
119	67.9	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

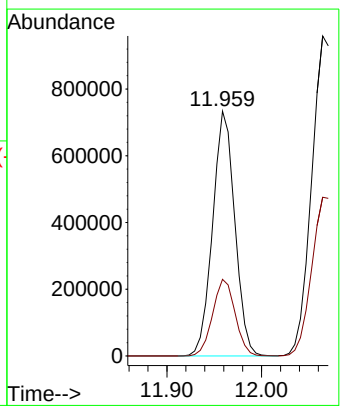


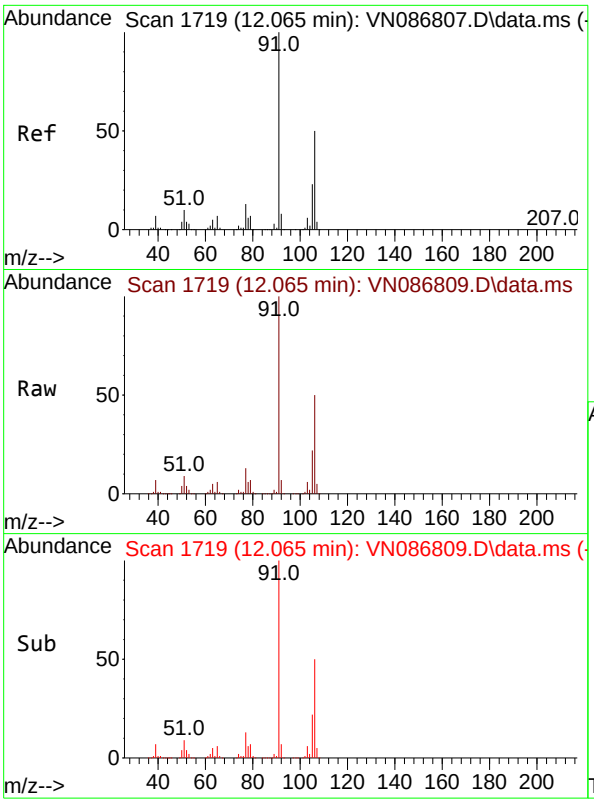


#66
Ethyl Benzene
Concen: 101.419 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 1195080

Ion	Ratio	Lower	Upper
91	100		
106	31.3	23.6	35.4





#67
m/p-Xylenes
Concen: 202.455 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

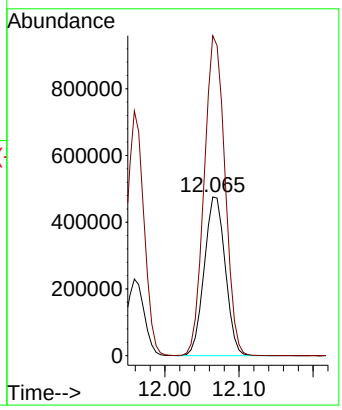
Tgt Ion:106 Resp: 93616

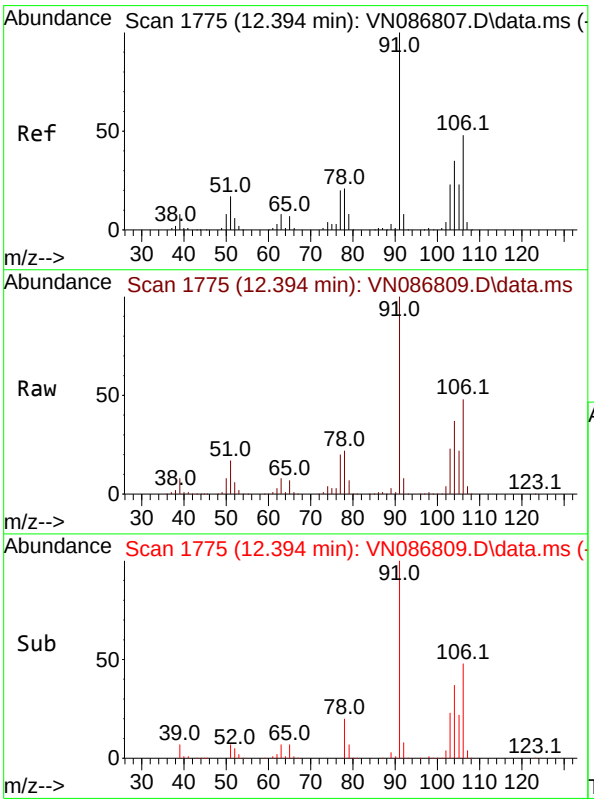
Ion	Ratio	Lower	Upper
106	100		
91	199.6	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

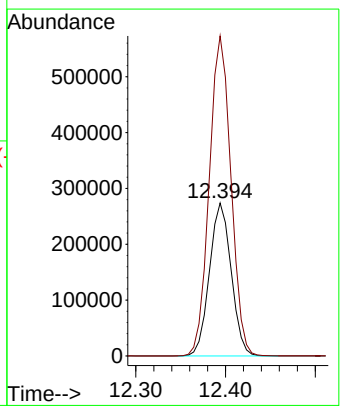


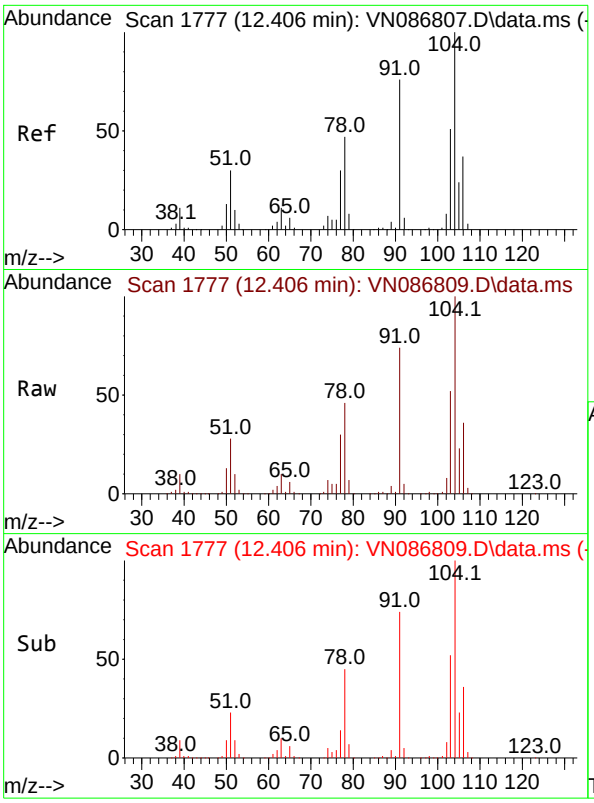


#68
o-Xylene
Concen: 102.567 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:106 Resp: 459640

Ion	Ratio	Lower	Upper
106	100		
91	209.5	106.3	318.9

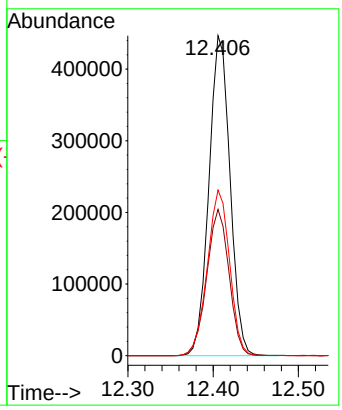




#69
Styrene
Concen: 102.976 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:104 Resp: 76883

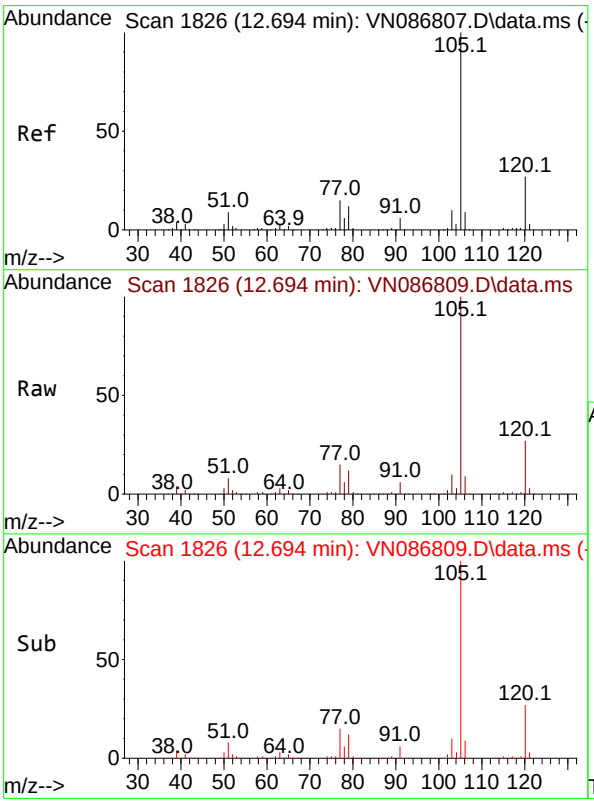
Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	57.8
103	54.6	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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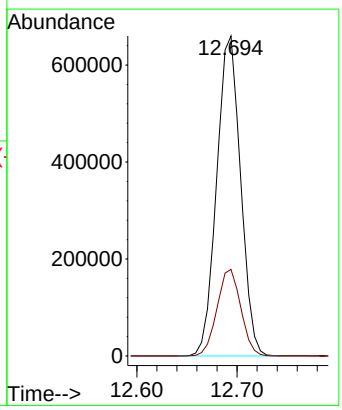
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

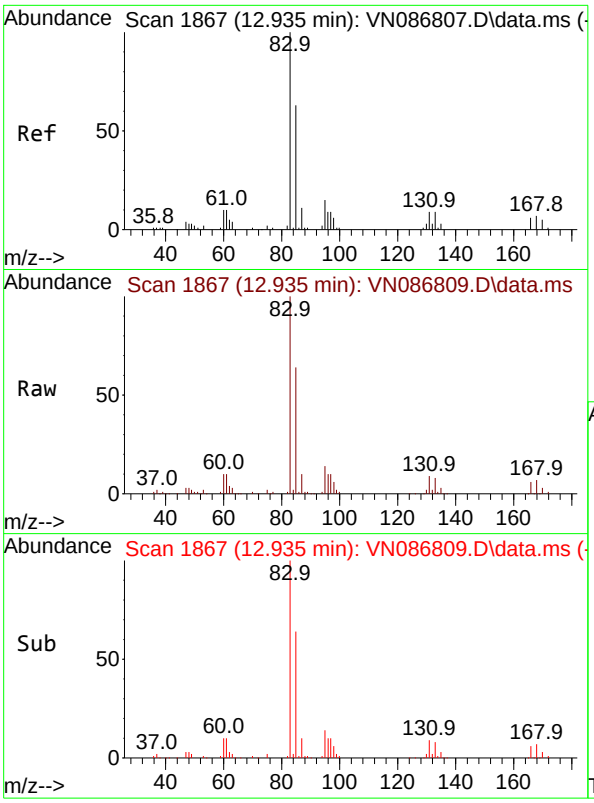


#70
Isopropylbenzene
Concen: 102.353 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:105 Resp: 1090941

Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 103.643 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

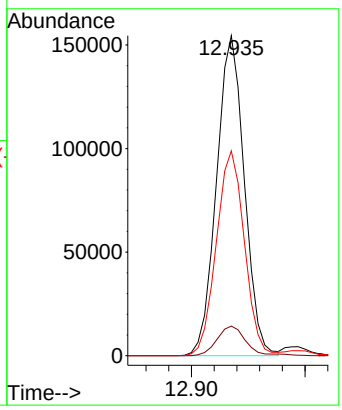
Tgt Ion: 83 Resp: 26264

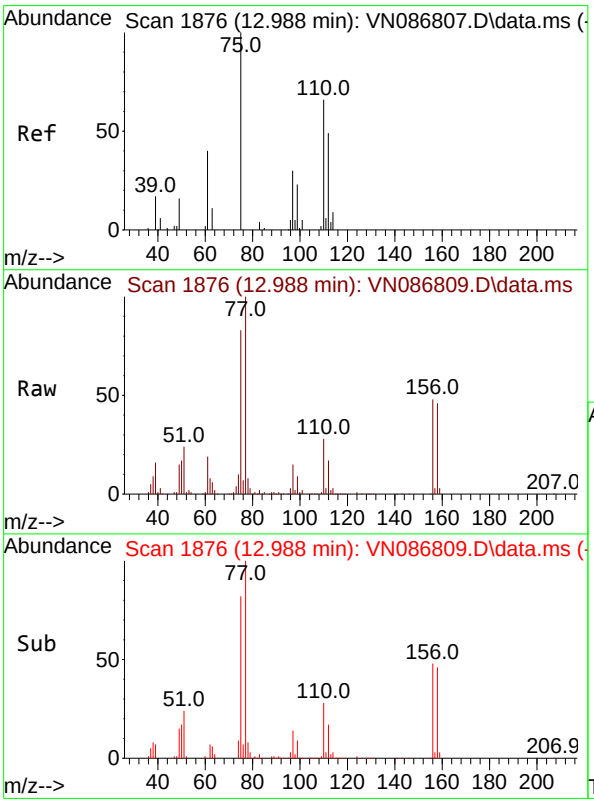
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	15.0
85	64.5	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

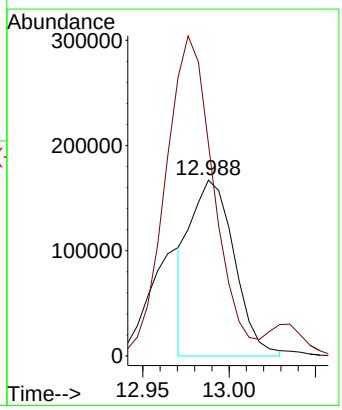


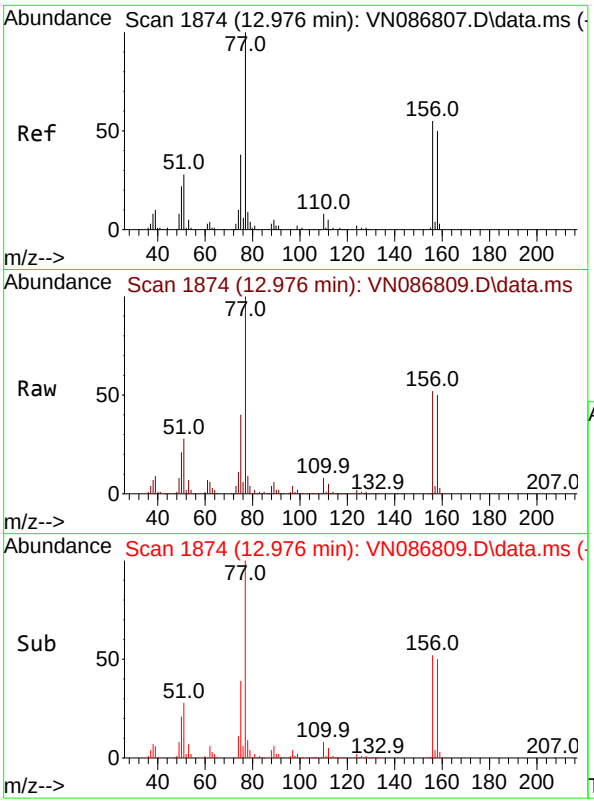


#72
1,2,3-Trichloropropane
Concen: 95.286 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 297483

Ion	Ratio	Lower	Upper
75	100		
77	199.1	0.0	390.6





#73
Bromobenzene
Concen: 100.850 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

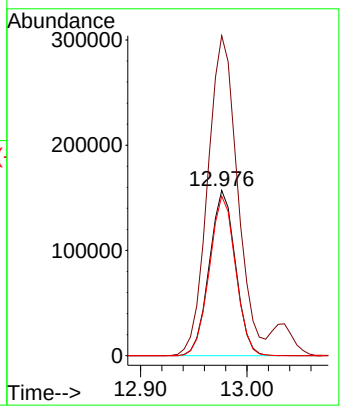
Tgt Ion:156 Resp: 26717

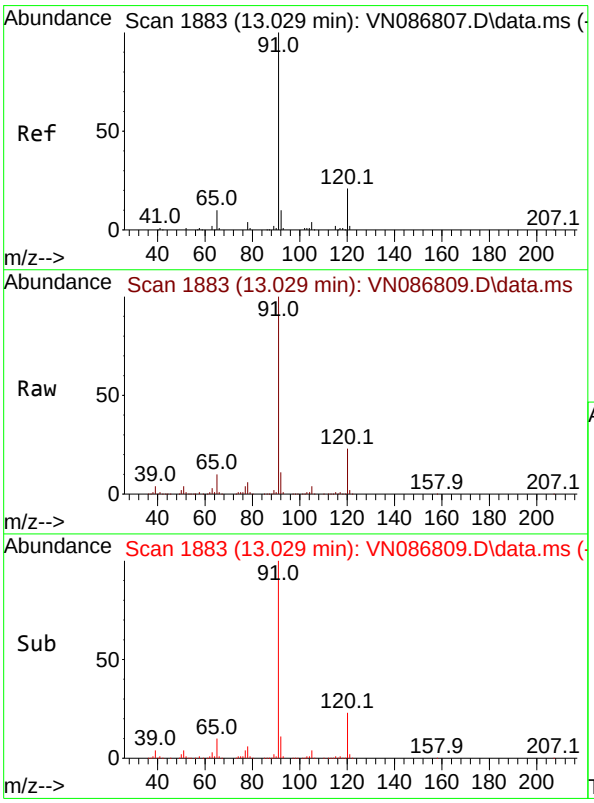
Ion	Ratio	Lower	Upper
156	100		
77	221.7	0.0	442.0
158	96.5	0.0	191.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

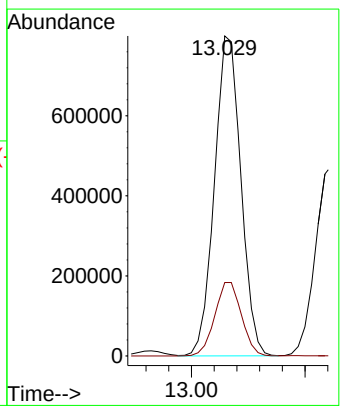


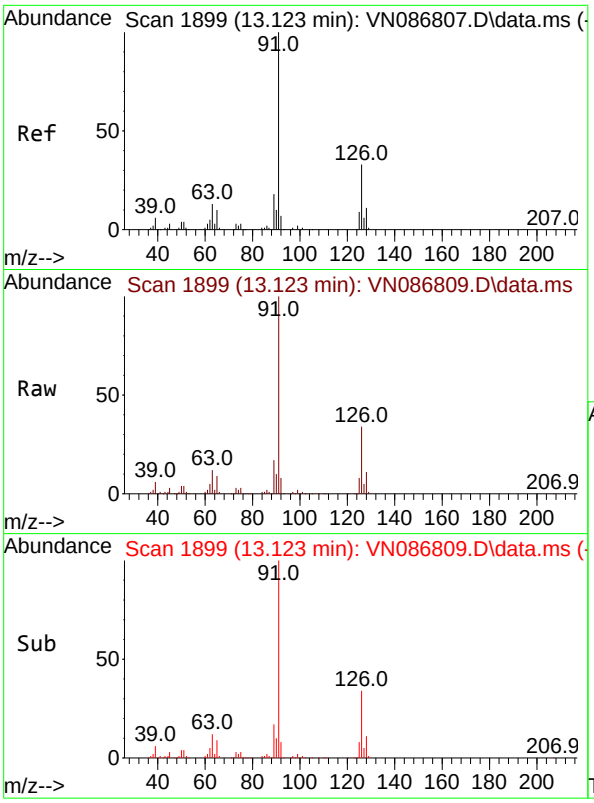


#74
n-propylbenzene
Concen: 102.310 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 1291676

Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	45.6

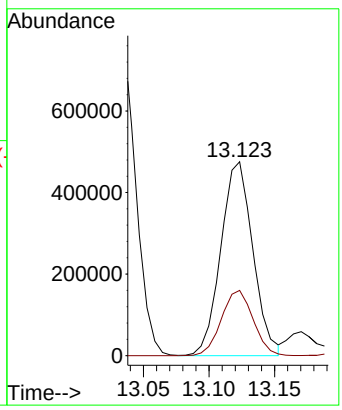




#75
2-Chlorotoluene
Concen: 99.974 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 81013

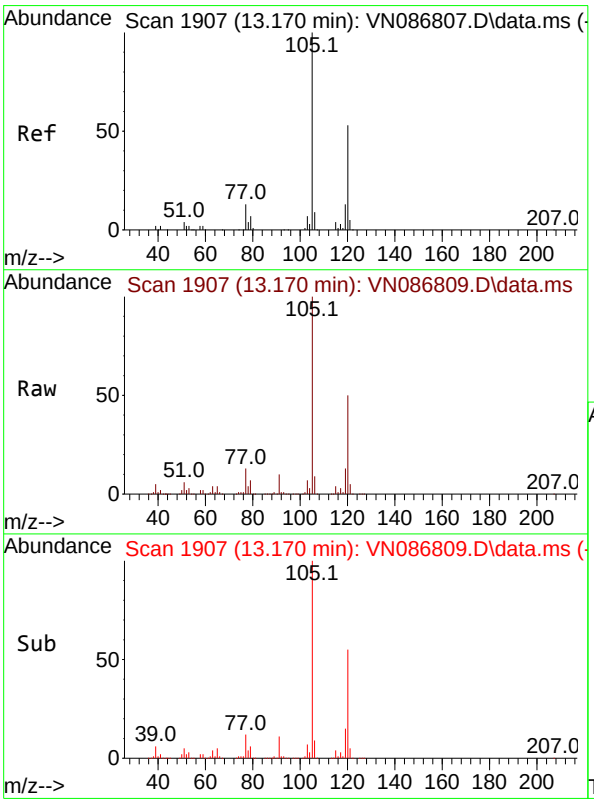
Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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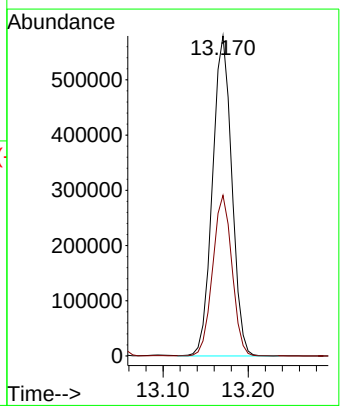
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

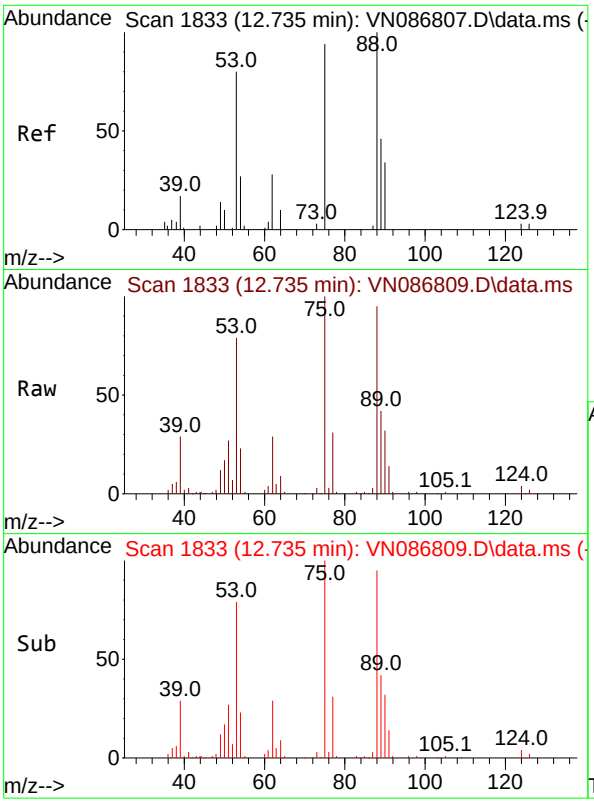


#76
1,3,5-Trimethylbenzene
Concen: 103.006 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:105 Resp: 913352

Ion	Ratio	Lower	Upper
105	100		
120	50.1	0.0	101.4

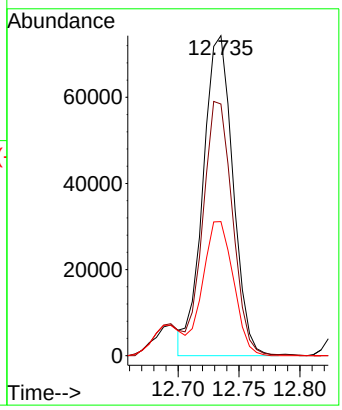




#77
t-1,4-Dichloro-2-butene
Concen: 105.004 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 12762

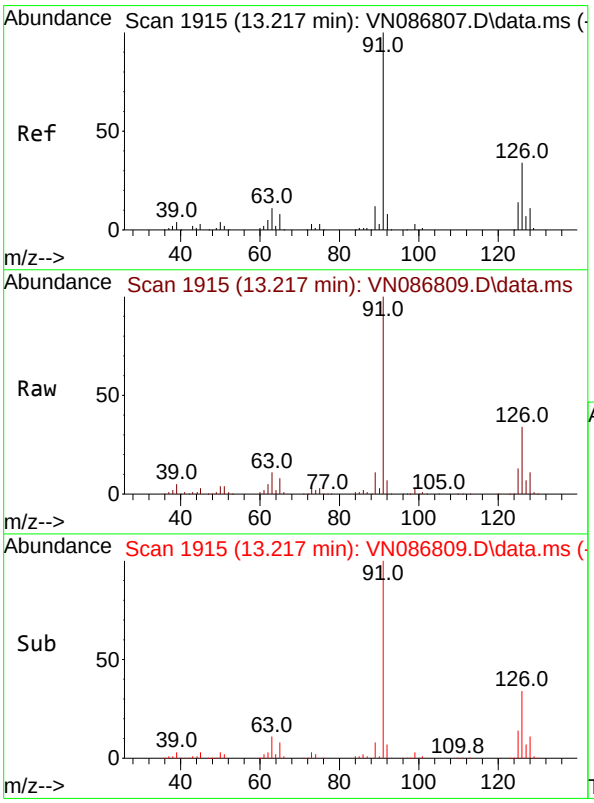
Ion	Ratio	Lower	Upper
75	100		
53	78.6	43.0	128.8
89	42.0	25.4	76.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

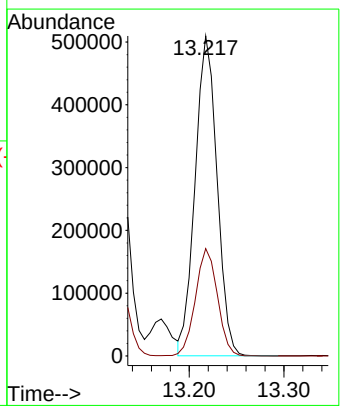
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

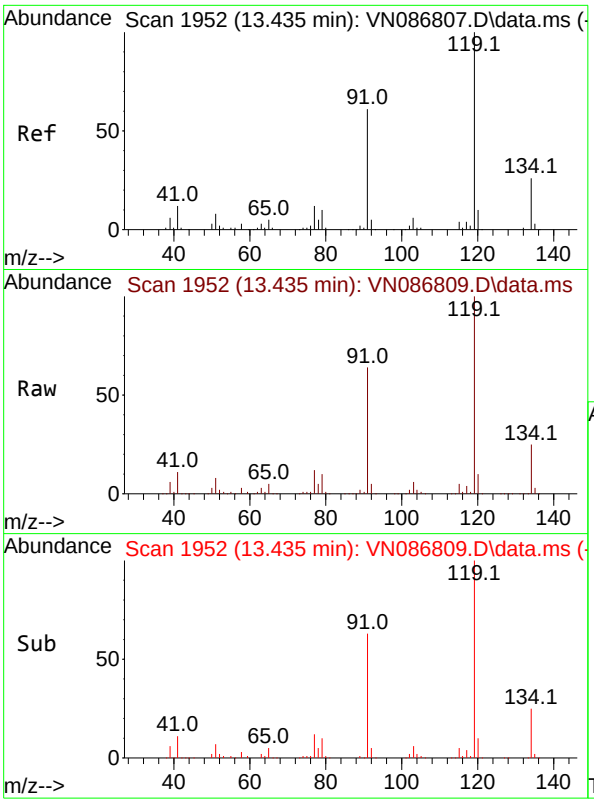


#78
4-Chlorotoluene
Concen: 102.021 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 818933

Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	66.6

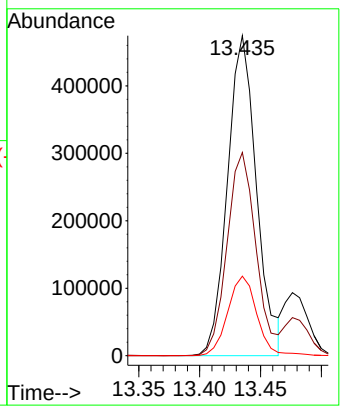




#79
tert-butylbenzene
Concen: 102.722 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:119 Resp: 78750

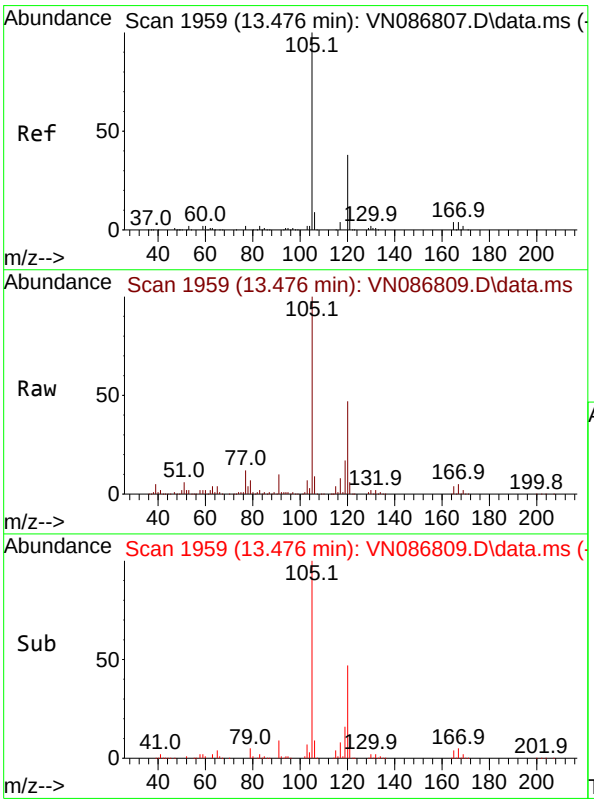
Ion	Ratio	Lower	Upper
119	100		
91	63.5	0.0	130.4
134	25.0	0.0	50.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

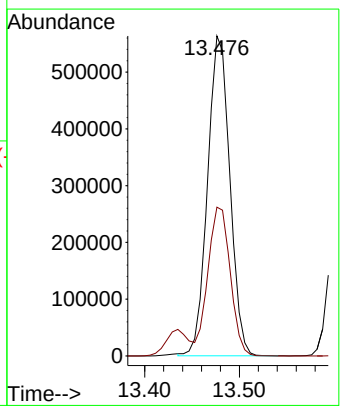
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

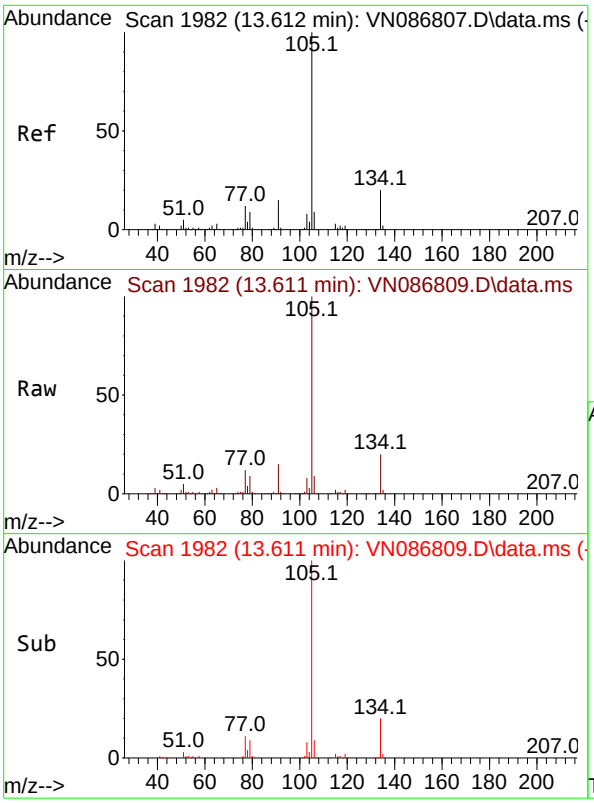


#80
1,2,4-Trimethylbenzene
Concen: 103.179 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:105 Resp: 918324

Ion	Ratio	Lower	Upper
105	100		
120	46.6	0.0	92.2





#81
sec-Butylbenzene
Concen: 102.776 ug/l
RT: 13.611 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

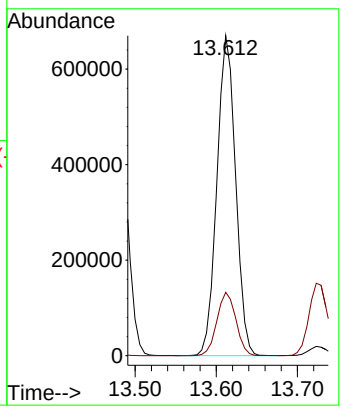
Tgt Ion:105 Resp: 107341

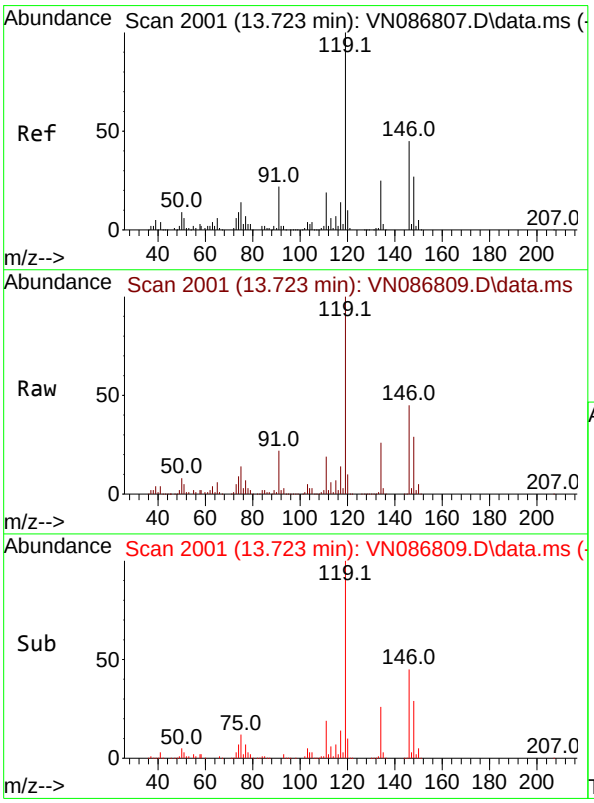
Ion	Ratio	Lower	Upper
105	100		
134	20.1	0.0	40.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

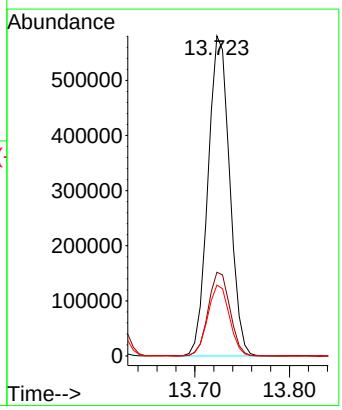


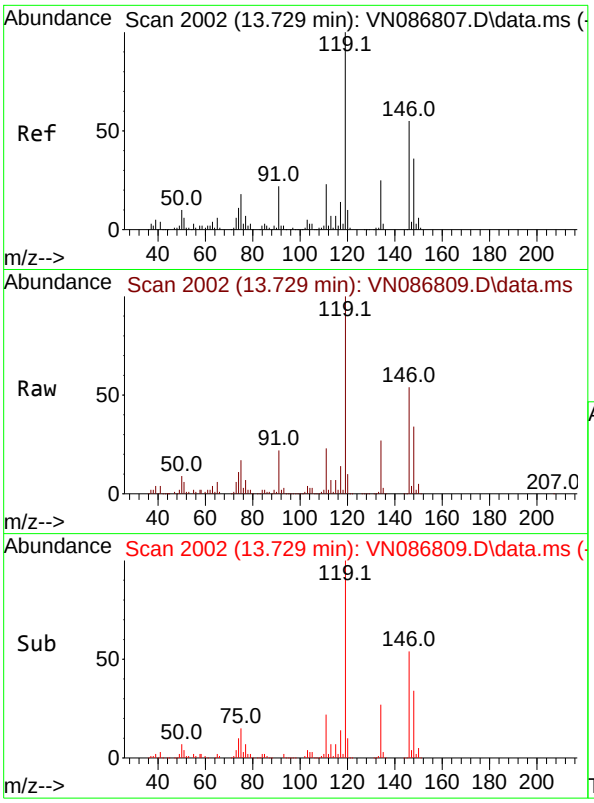


#82
p-Isopropyltoluene
Concen: 105.106 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:119 Resp: 921751

Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	51.8
91	22.1	0.0	45.2





#83
1,3-Dichlorobenzene
Concen: 103.406 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

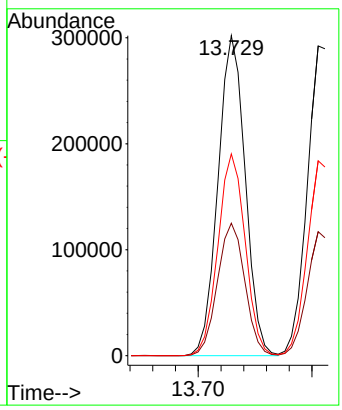
Tgt Ion:146 Resp: 50256

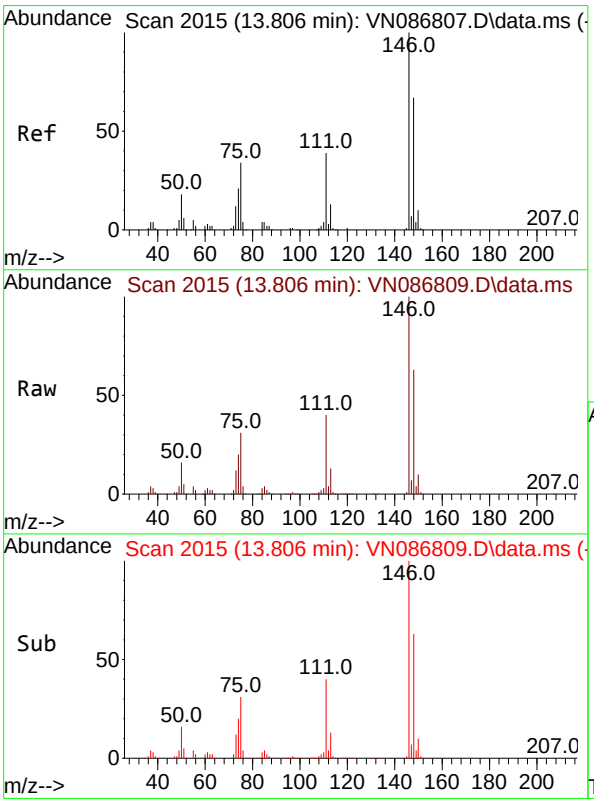
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	63.2	32.1	96.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

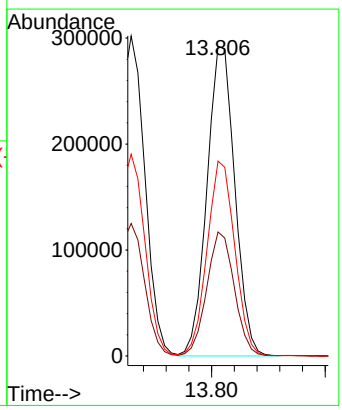


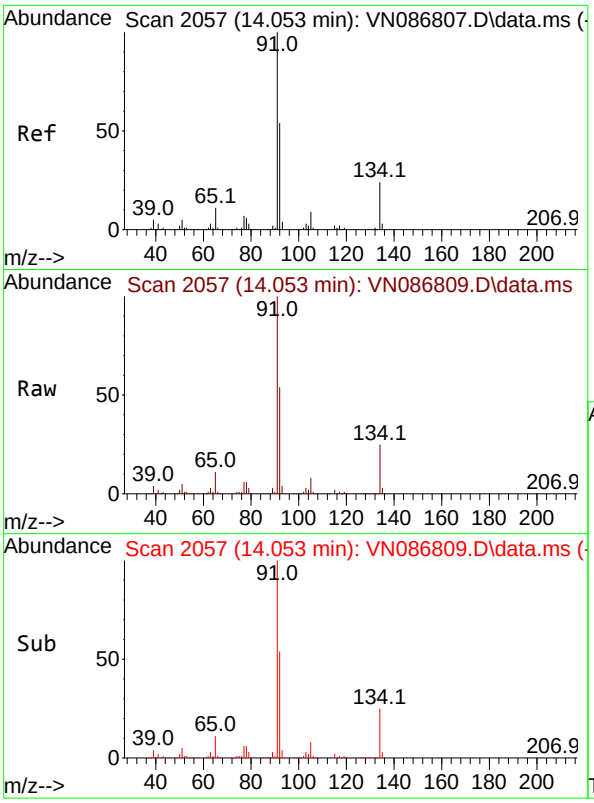


#84
1,4-Dichlorobenzene
Concen: 103.196 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:146 Resp: 499113

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	62.4	31.9	95.5

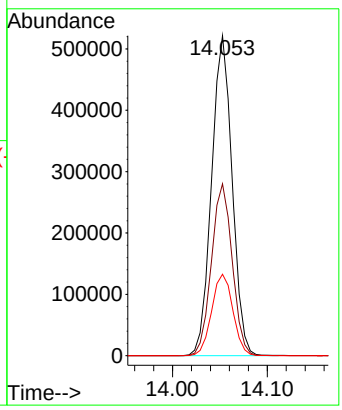




#85
n-Butylbenzene
Concen: 106.922 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 91 Resp: 78500

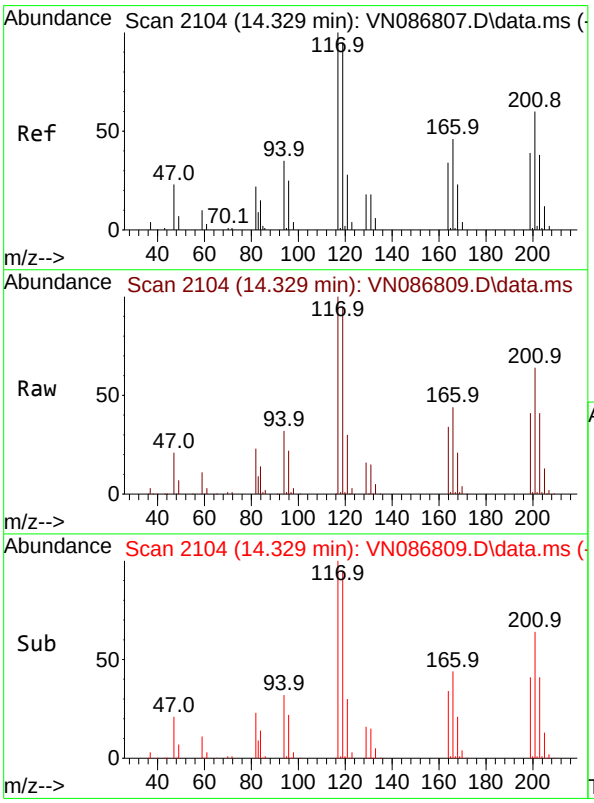
Ion	Ratio	Lower	Upper
91	100		
92	54.3	0.0	107.6
134	26.4	0.0	50.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

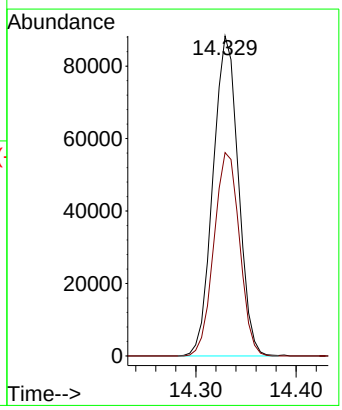
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

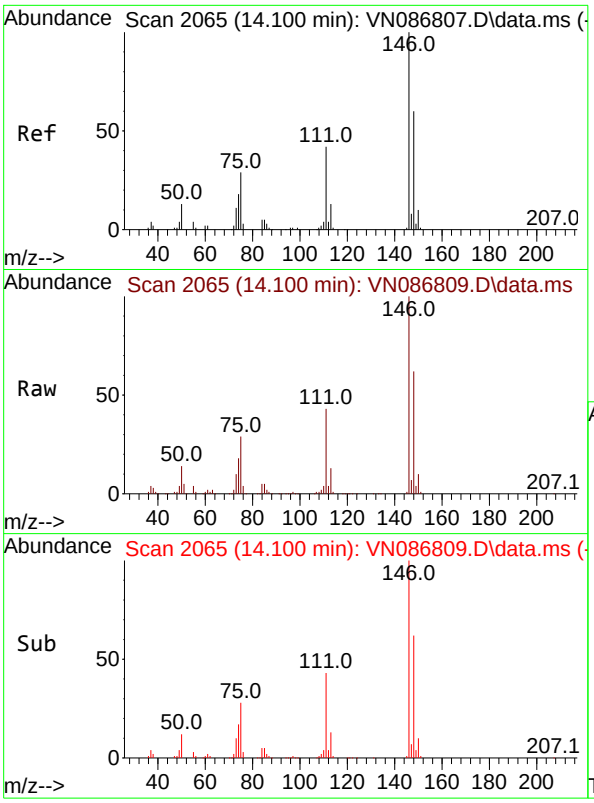


#86
Hexachloroethane
Concen: 103.546 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:117 Resp: 154764

Ion	Ratio	Lower	Upper
117	100		
201	64.4	31.4	94.3

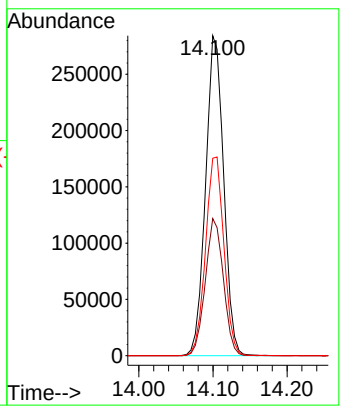




#87
1,2-Dichlorobenzene
Concen: 102.658 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:146 Resp: 48128

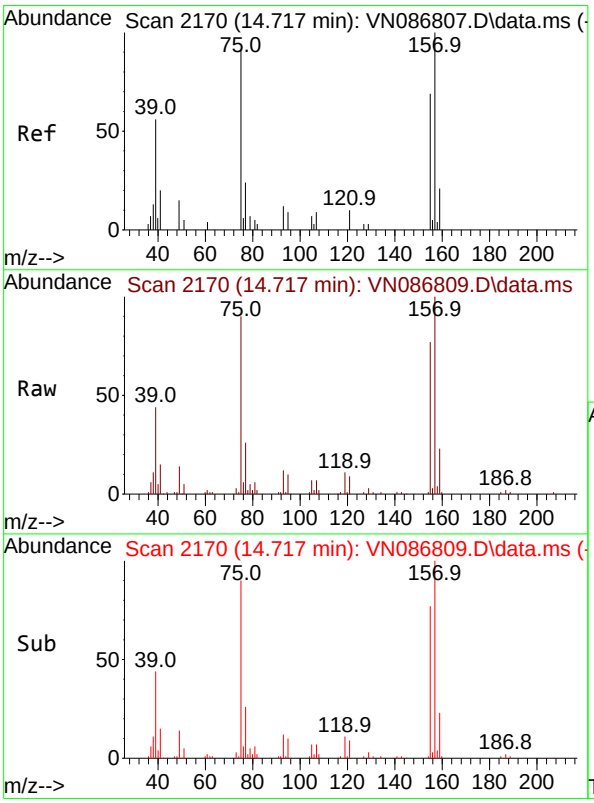
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.8
148	63.2	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

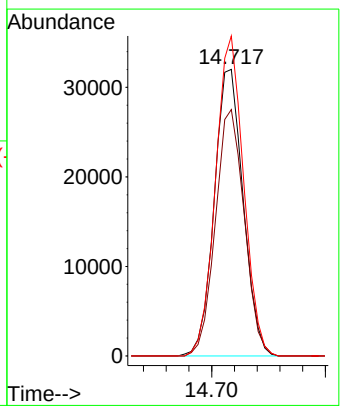
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

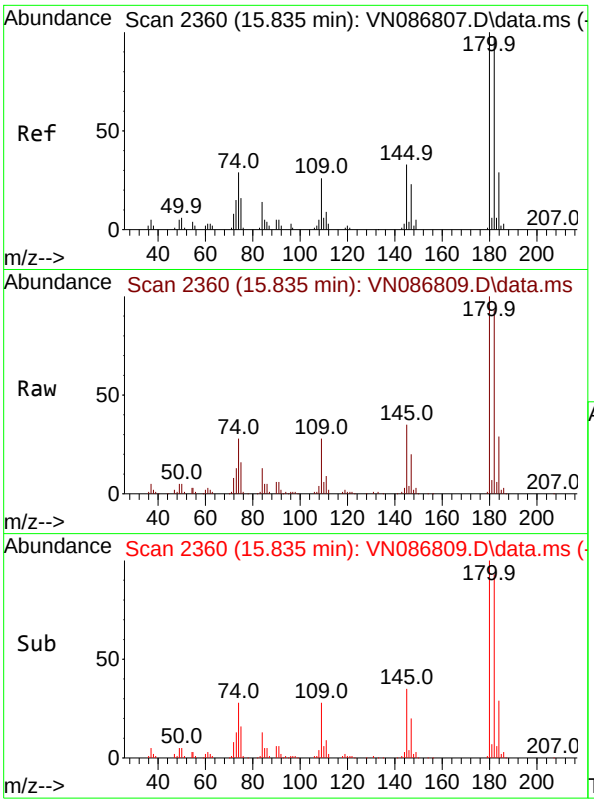


#88
1,2-Dibromo-3-Chloropropane
Concen: 105.824 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion: 75 Resp: 56473

Ion	Ratio	Lower	Upper
75	100		
155	85.9	62.9	94.3
157	108.4	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 107.328 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

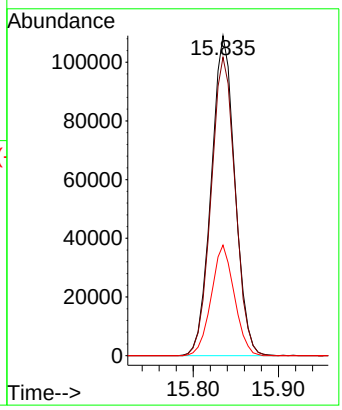
Tgt Ion:180 Resp: 21058

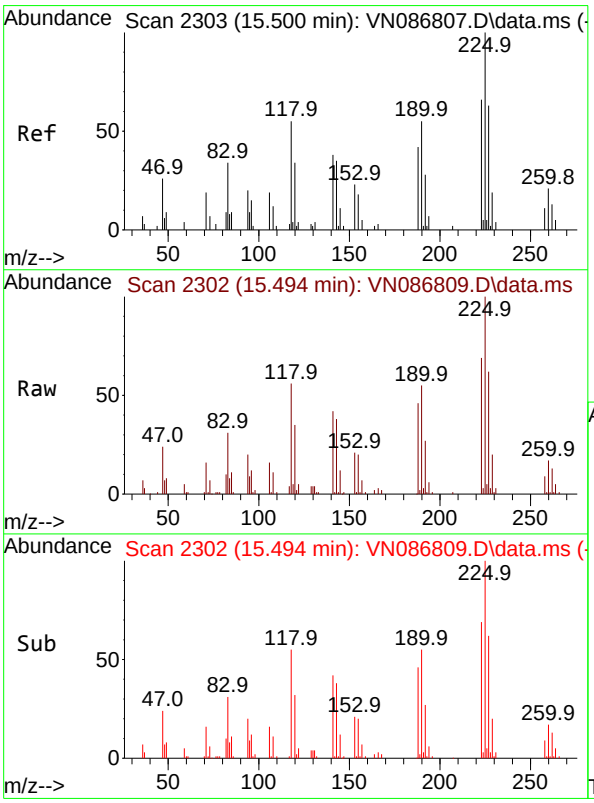
Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.2
145	33.6	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

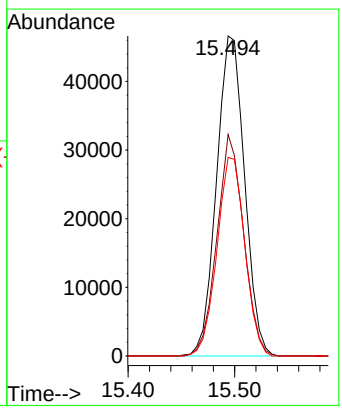


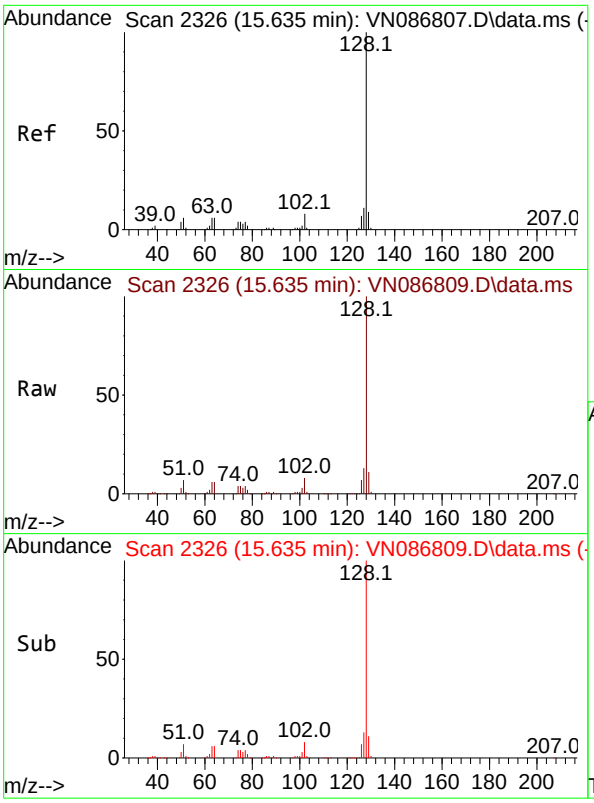


#90
Hexachlorobutadiene
Concen: 101.380 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:225 Resp: 85255

Ion	Ratio	Lower	Upper
225	100		
223	65.7	0.0	135.8
227	61.5	0.0	125.0

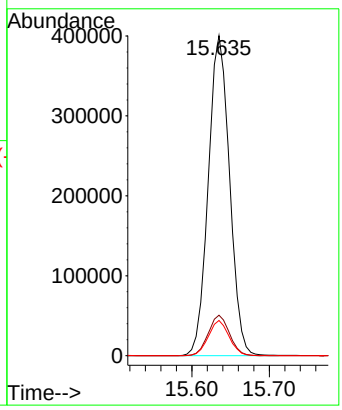




#91
Naphthalene
Concen: 111.627 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:128 Resp: 76417

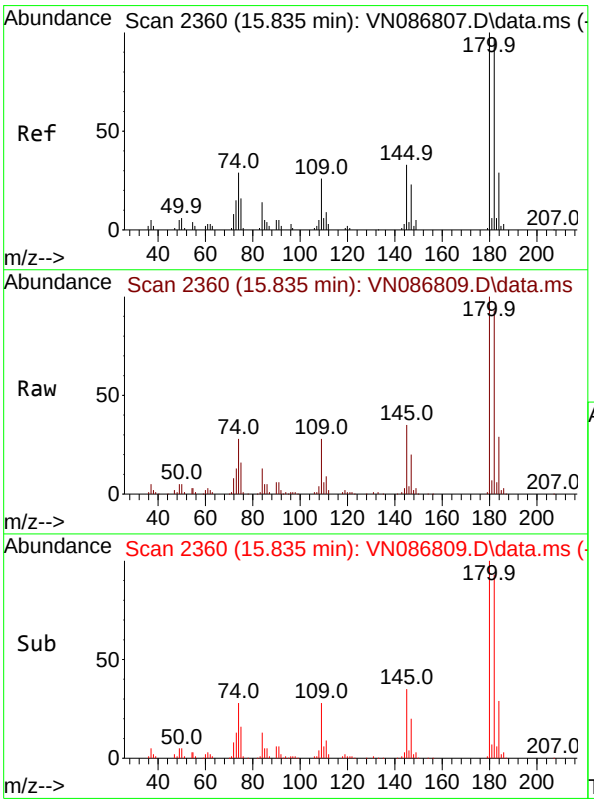
Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.8	14.6
129	10.7	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

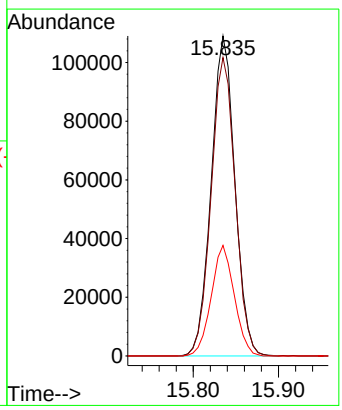
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 107.328 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Tgt Ion:180 Resp: 210585

Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	195.4
145	33.6	0.0	70.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086810.D
Acq On : 29 May 2025 12:32
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 30 02:00:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	36893	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	214272	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	196186	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76003	29.984	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.933%			
60) 4-Bromofluorobenzene	12.847	95	96629	31.371	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.567%			
63) Toluene-d8	10.565	98	263361	29.247	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	393557	157.066	ug/l	98
3) Chloromethane	2.359	50	496195	153.588	ug/l	100
4) Vinyl Chloride	2.512	62	455234	153.117	ug/l	96
5) Bromomethane	2.936	94	219489	139.333	ug/l	95
6) Chloroethane	3.106	64	271090	149.078	ug/l	97
7) Trichlorofluoromethane	3.495	101	534659	153.541	ug/l	97
8) Diethyl Ether	3.953	74	226810	156.147	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	325621	152.581	ug/l	99
10) 1,1-Dichloroethene	4.336	96	344213	158.207	ug/l	98
11) Methyl Iodide	4.583	142	419020	163.374	ug/l	99
12) Methyl Acetate	5.018	43	388225	161.108	ug/l	98
13) Acrolein	4.171	56	185339	739.474	ug/l	100
14) Acrylonitrile	5.712	53	875674	778.784	ug/l	98
15) Acetone	4.418	58	216694	761.146	ug/l	91
16) Carbon Disulfide	4.706	76	997627	157.081	ug/l	100
17) Allyl chloride	5.018	41	503689	155.834	ug/l	97
18) Methylene Chloride	5.271	84	381924	151.156	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	354108	155.524	ug/l	93
20) Diisopropyl ether	6.665	45	1070786	150.420	ug/l	97
21) 1,1-Dichloroethane	6.565	63	649780	151.250	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	431754	156.585	ug/l	99
23) tert-Butyl Alcohol	5.512	59	287436	796.044	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1123614	156.699	ug/l	97
25) Chloroform	7.965	83	634951	151.004	ug/l	99
26) Cyclohexane	8.253	56	581403	156.367	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	484127	153.670	ug/l	100
30) 2-Butanone	7.477	43	1038066	752.026	ug/l	99
31) 2,2-Dichloropropane	7.489	77	540887	145.448	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	544727	149.159	ug/l	98
33) Carbon Tetrachloride	8.359	117	471666	151.090	ug/l	97
34) Benzene	8.600	78	1542311	150.461	ug/l	98
35) Methacrylonitrile	7.771	41	233226	147.087	ug/l	93
36) 1,2-Dichloroethane	8.665	62	440263	146.570	ug/l	100
37) Trichloroethene	9.347	130	431319	151.697	ug/l	98
38) Methylcyclohexane	9.594	83	555561	158.937	ug/l	97
39) 1,2-Dichloropropane	9.618	63	370083	149.963	ug/l	98
40) Dibromomethane	9.706	93	242715	150.374	ug/l	99
41) Bromodichloromethane	9.883	83	511876	151.502	ug/l	98
42) Vinyl Acetate	6.600	43	2981846	741.087	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086810.D
Acq On : 29 May 2025 12:32
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 30 02:00:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	408257	144.539	ug/l	96
44) Isopropyl Acetate	8.683	43	724719	149.571	ug/l	98
45) 1,4-Dioxane	9.694	88	125010	2902.752	ug/l	97
46) Methyl methacrylate	9.677	41	341082	152.666	ug/l	96
47) n-amyl Acetate	12.488	43	636180	163.548	ug/l	98
48) t-1,3-Dichloropropene	10.830	75	567557	156.978	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	613191	154.193	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	343707	151.193	ug/l	98
51) Ethyl methacrylate	10.871	69	593573	161.221	ug/l	93
52) 1,3-Dichloropropane	11.159	76	609094	150.976	ug/l	100
53) Dibromochloromethane	11.359	129	400048	155.726	ug/l	100
54) 1,2-Dibromoethane	11.465	107	355975	153.191	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	1431031	809.741	ug/l	99
56) Bromoform	12.576	173	264806	163.599	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	2115299	734.811	ug/l	97
59) 2-Hexanone	11.194	43	1561930	757.473	ug/l	98
61) Tetrachloroethene	11.100	164	492833	149.443	ug/l	92
62) Toluene	10.630	91	1648918	149.235	ug/l	99
64) Chlorobenzene	11.888	112	1069756	151.815	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	349584	151.013	ug/l	99
66) Ethyl Benzene	11.959	91	1869658	156.442	ug/l	96
67) m/p-Xylenes	12.071	106	1466789	312.763	ug/l	97
68) o-Xylene	12.394	106	717874	157.947	ug/l	97
69) Styrene	12.406	104	1219572	161.058	ug/l	100
70) Isopropylbenzene	12.694	105	1713400	158.500	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	390847	152.071	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	454375m	143.500	ug/l	
73) Bromobenzene	12.976	156	425121	158.221	ug/l	99
74) n-propylbenzene	13.029	91	2049785	160.082	ug/l	99
75) 2-Chlorotoluene	13.123	91	1292500	157.264	ug/l	98
76) 1,3,5-Trimethylbenzene	13.171	105	1464473	162.846	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	201774	163.684	ug/l	89
78) 4-Chlorotoluene	13.218	91	1301445	159.859	ug/l	99
79) tert-butylbenzene	13.435	119	1252026	161.026	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	1491239	165.201	ug/l	100
81) sec-Butylbenzene	13.612	105	1731895	163.500	ug/l	100
82) p-Isopropyltoluene	13.723	119	1489210	167.433	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	796135	161.514	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	793977	161.861	ug/l	100
85) n-Butylbenzene	14.053	91	1266506	170.087	ug/l	98
86) Hexachloroethane	14.329	117	251604	165.978	ug/l	97
87) 1,2-Dichlorobenzene	14.100	146	740893	155.817	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	87205	161.122	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	337470	169.587	ug/l	97
90) Hexachlorobutadiene	15.494	225	130424	152.920	ug/l	97
91) Naphthalene	15.635	128	1228424	176.928	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	337470	169.587	ug/l	97

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

ICAL Form

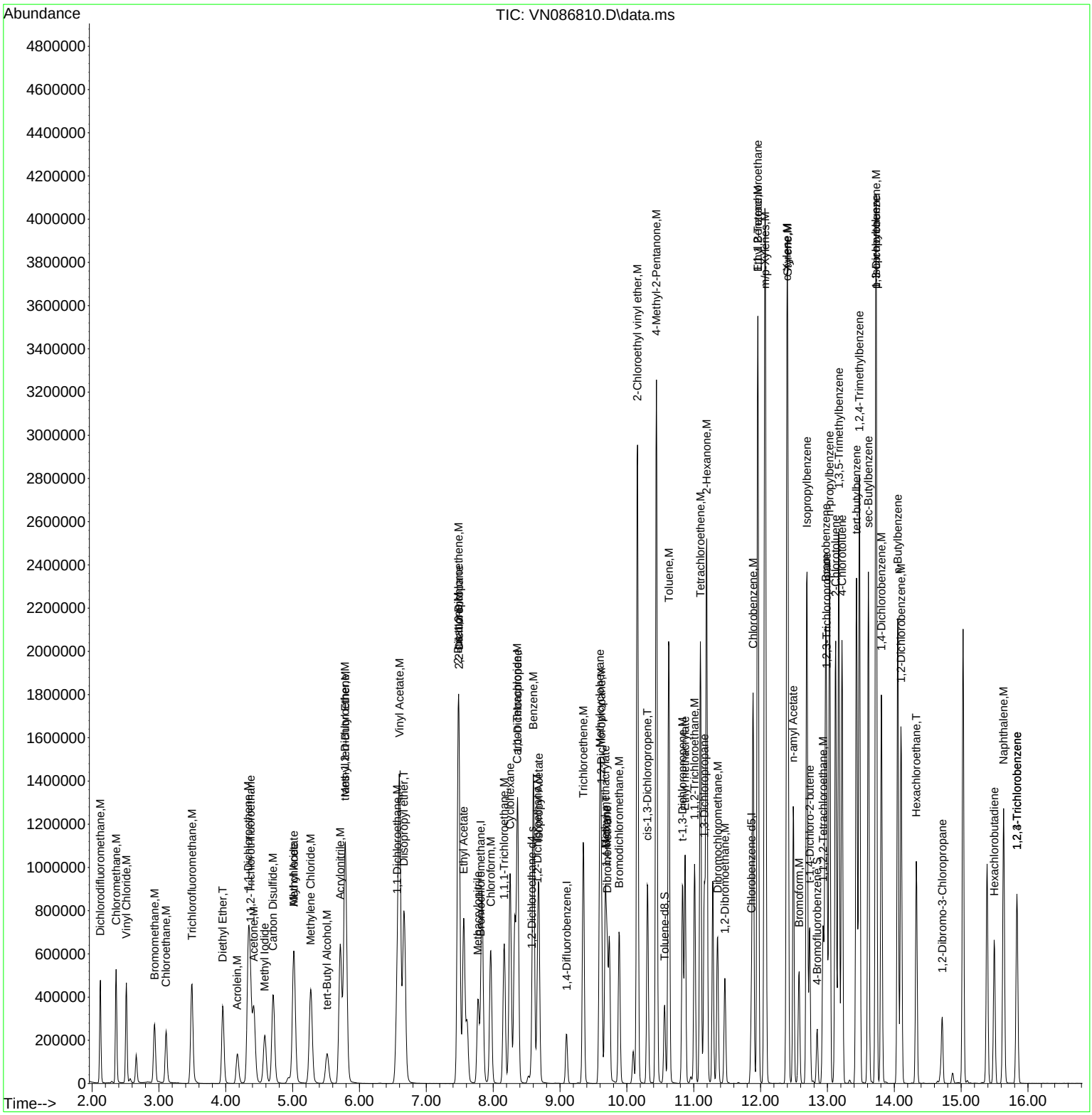
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Data File : VN086810.D
Acq On : 29 May 2025 12:32
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

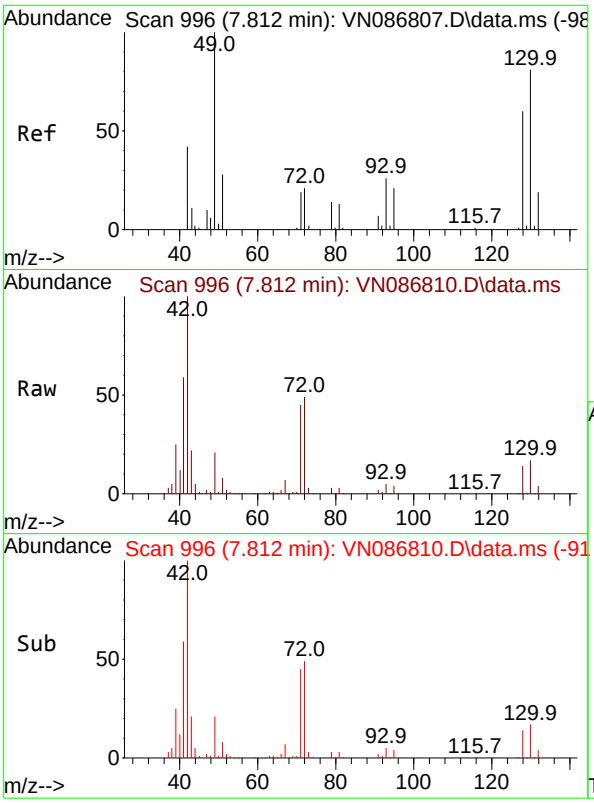
Quant Time: May 30 02:00:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

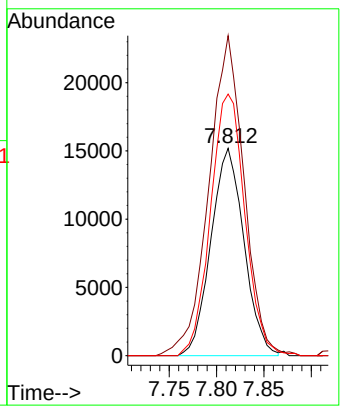




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:128 Resp: 3689

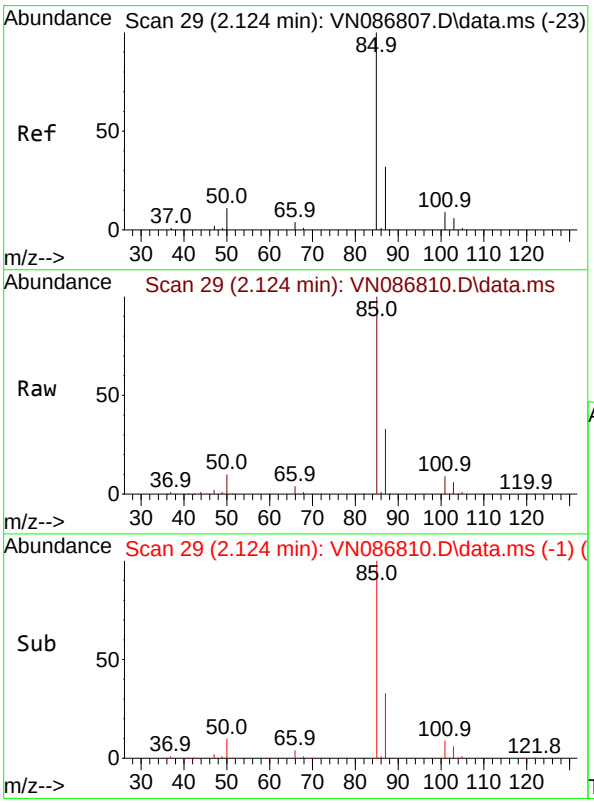
Ion	Ratio	Lower	Upper
128	100		
49	163.6	0.0	404.5
130	131.7	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

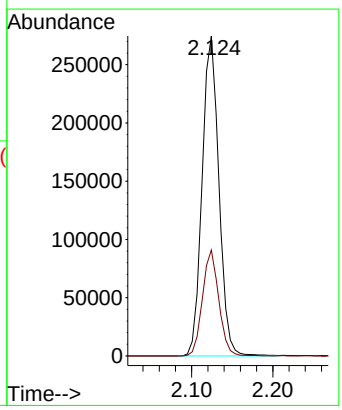
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

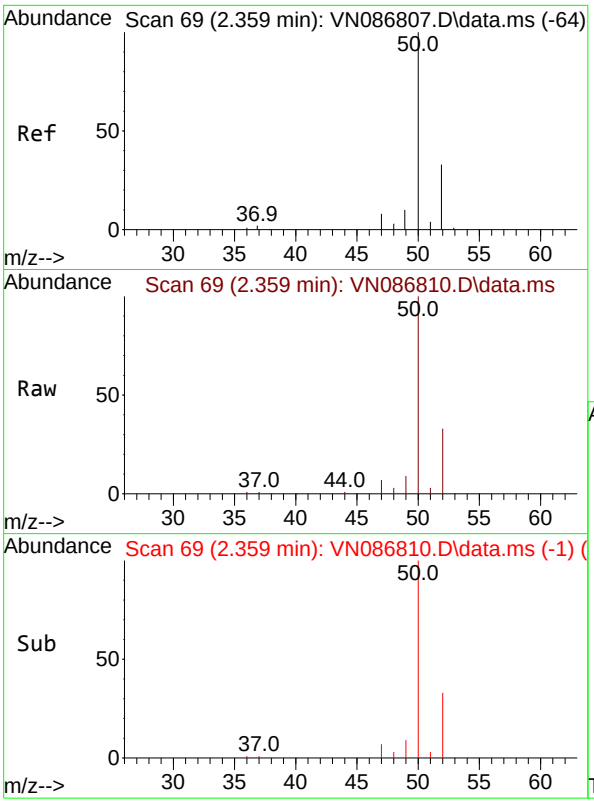


#2
Dichlorodifluoromethane
Concen: 157.066 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 85 Resp: 393557

Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.9	47.7

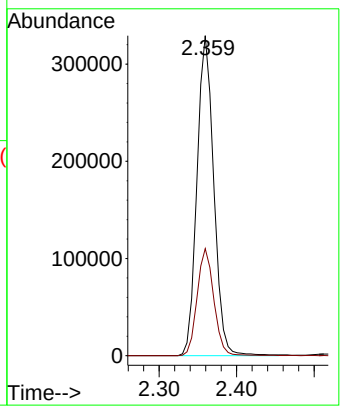




#3
Chloromethane
Concen: 153.588 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 50 Resp: 49619

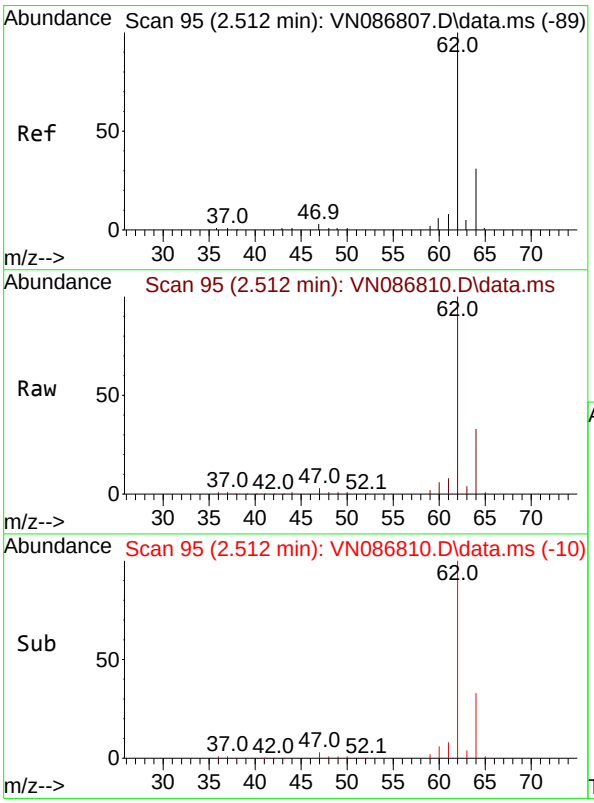
Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

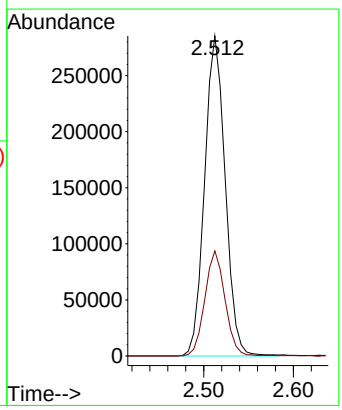
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

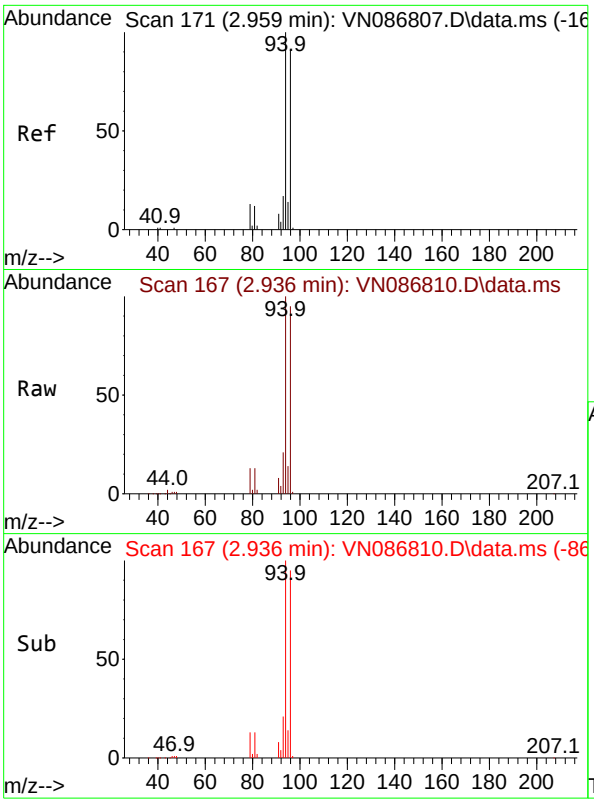


#4
Vinyl Chloride
Concen: 153.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 62 Resp: 455234

Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.6	36.8

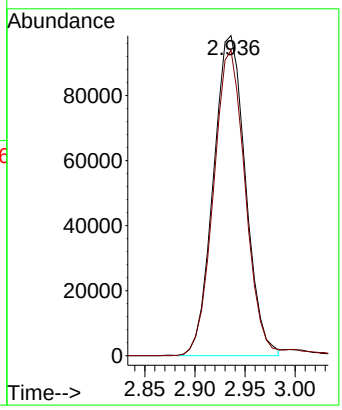




#5
Bromomethane
Concen: 139.333 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.023 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 94 Resp: 21948

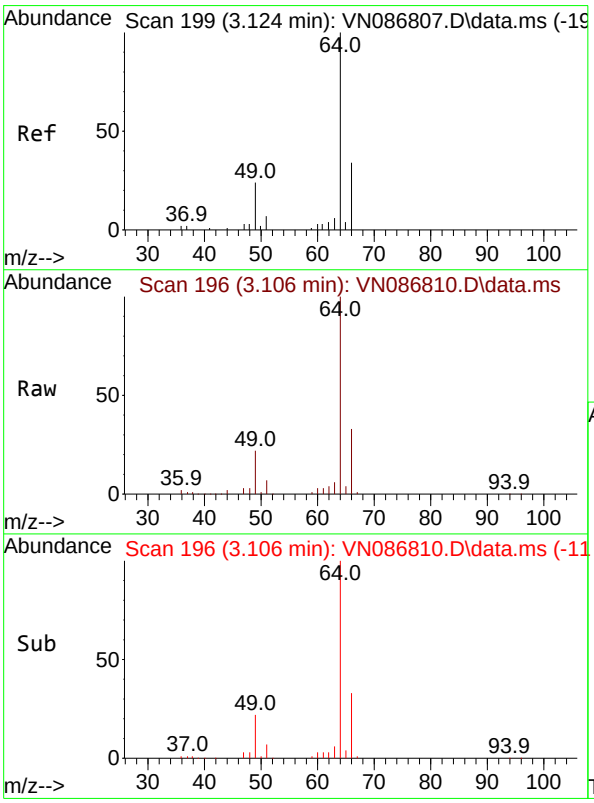
Ion	Ratio	Lower	Upper
94	100		
96	95.3	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

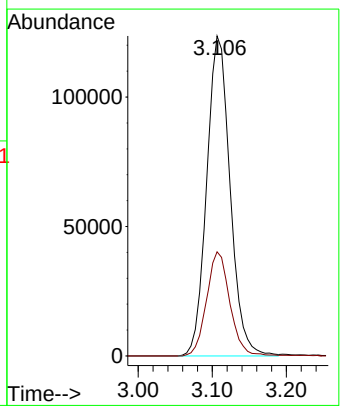
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

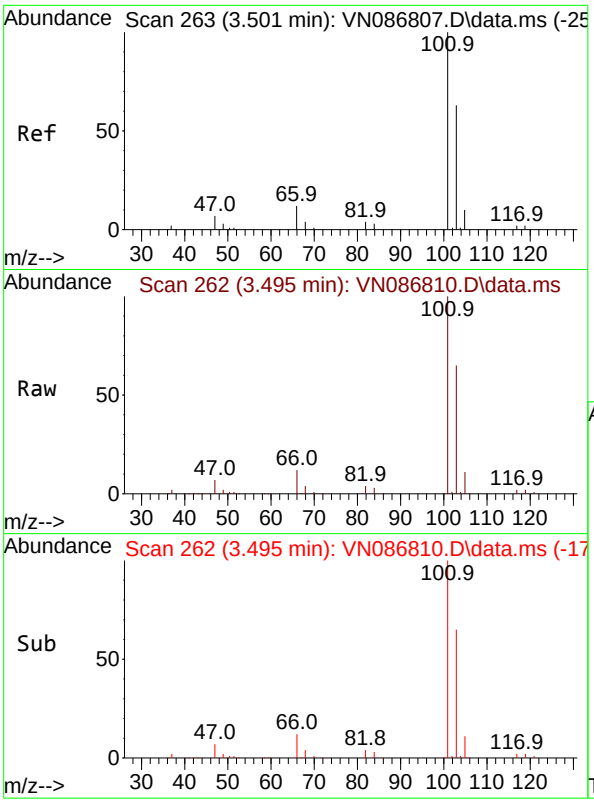


#6
Chloroethane
Concen: 149.078 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 64 Resp: 271090

Ion	Ratio	Lower	Upper
64	100		
66	32.6	27.5	41.3

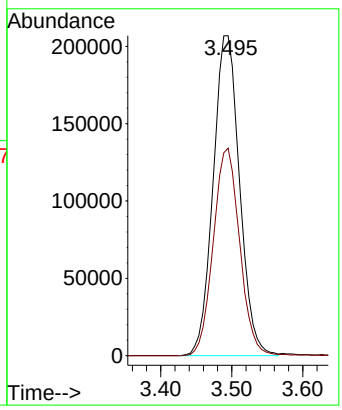




#7
Trichlorofluoromethane
Concen: 153.541 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:101 Resp: 53465

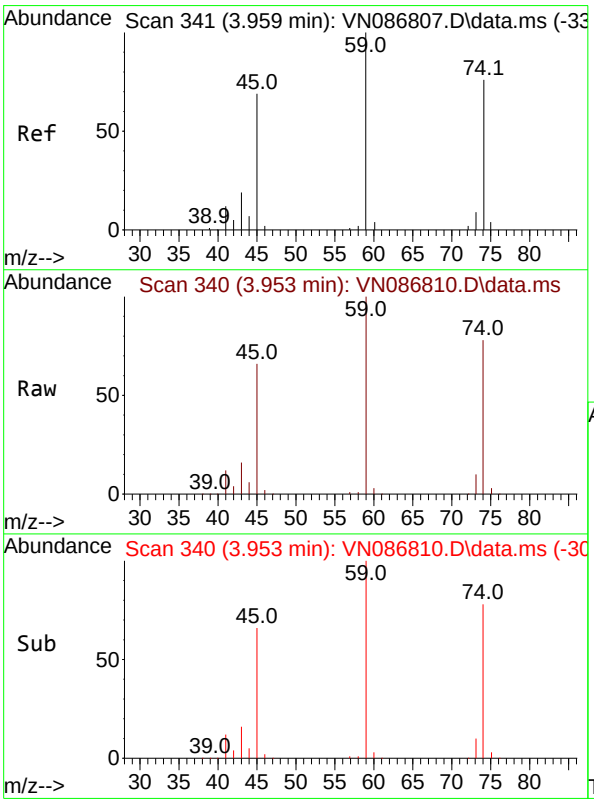
Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

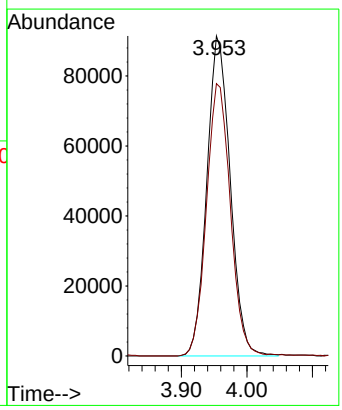
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

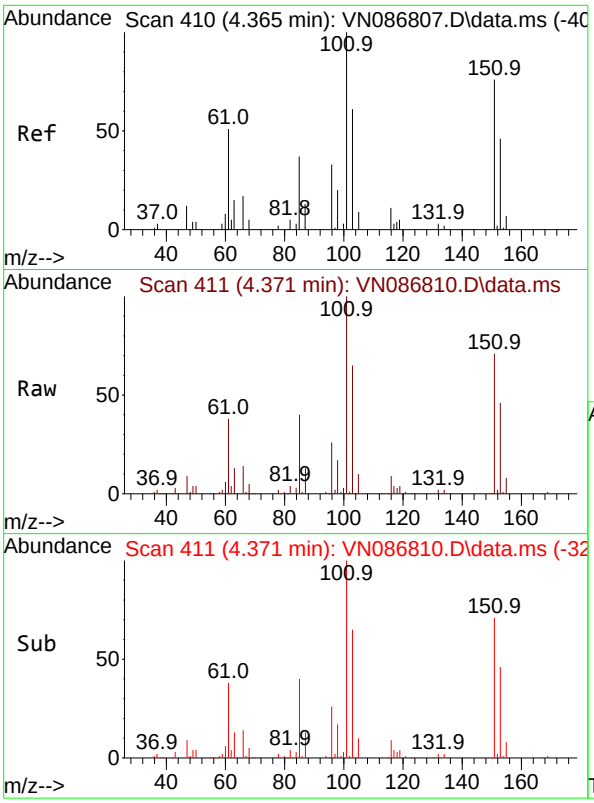


#8
Diethyl Ether
Concen: 156.147 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 74 Resp: 226810

Ion	Ratio	Lower	Upper
74	100		
45	87.0	17.9	161.5

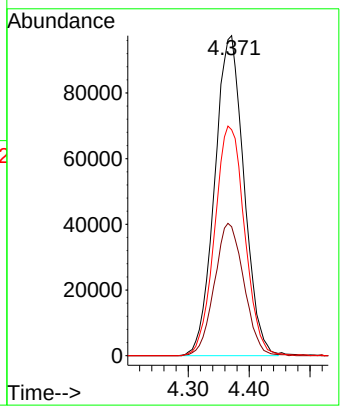




#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.581 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:101 Resp: 32562

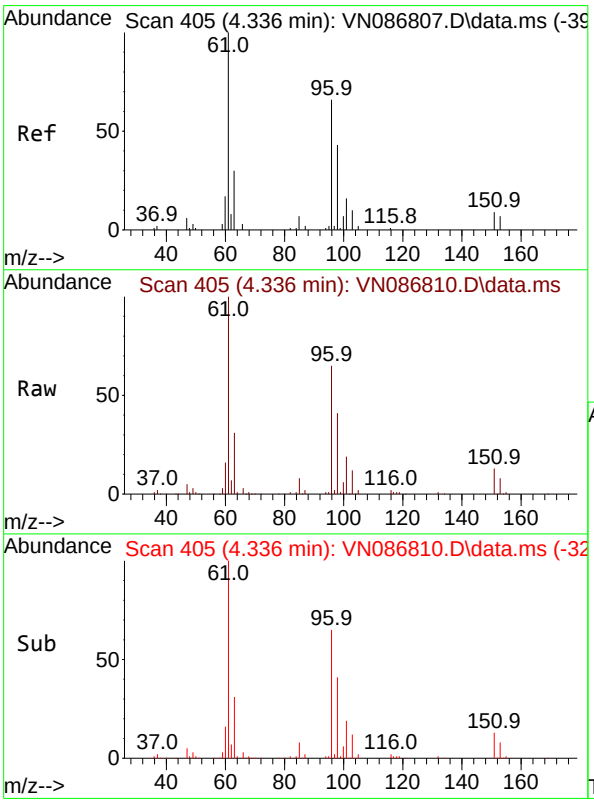
Ion	Ratio	Lower	Upper
101	100		
85	41.6	0.0	83.2
151	73.6	0.0	145.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

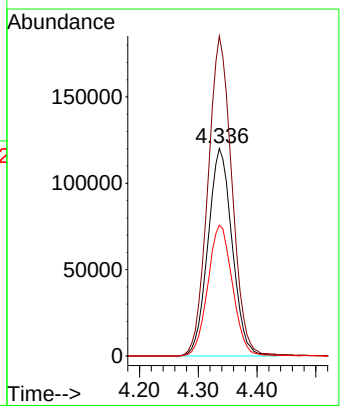
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

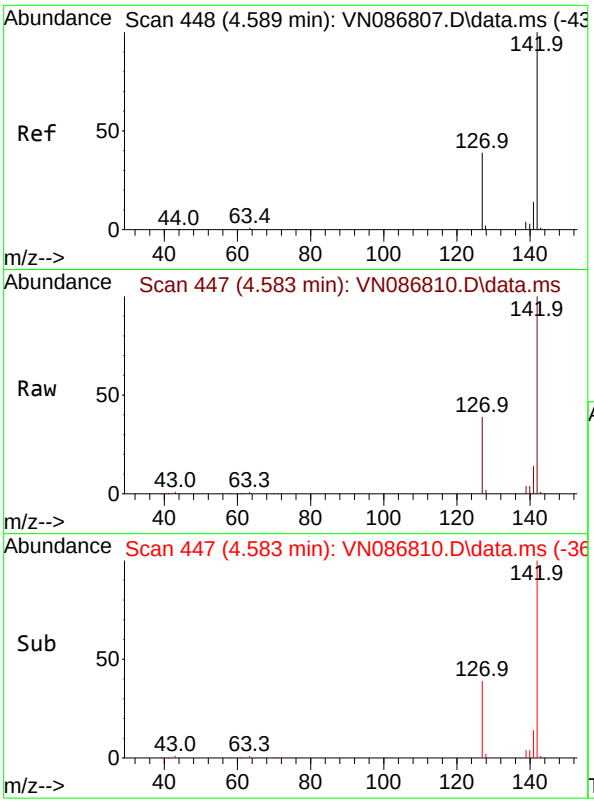


#10
1,1-Dichloroethene
Concen: 158.207 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 96 Resp: 344213

Ion	Ratio	Lower	Upper
96	100		
61	154.2	121.7	182.5
98	63.1	51.9	77.9

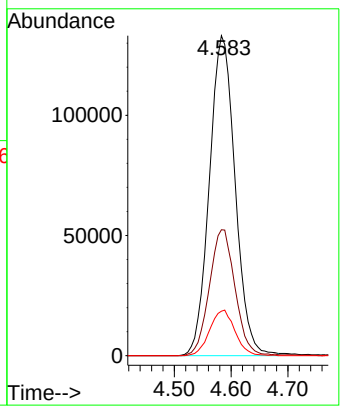




#11
Methyl Iodide
Concen: 163.374 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:142 Resp: 41902

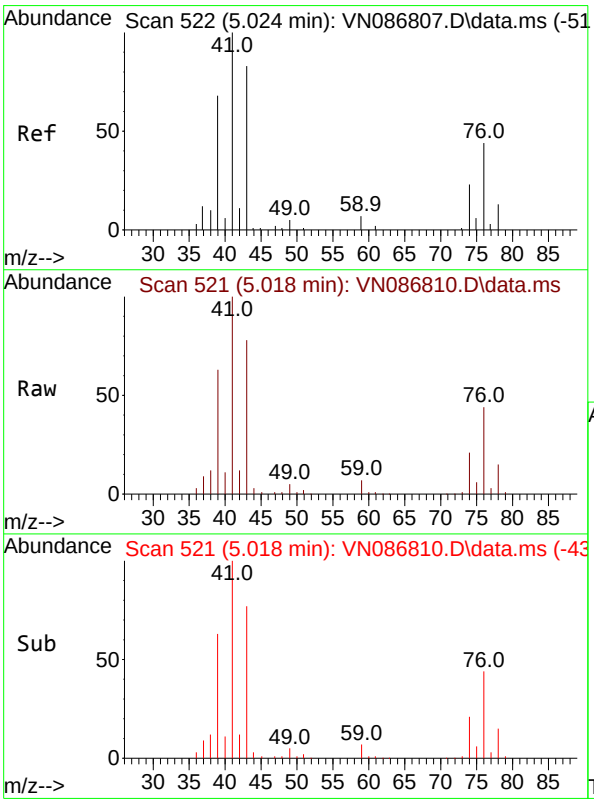
Ion	Ratio	Lower	Upper
142	100		
127	39.3	19.5	58.5
141	14.0	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

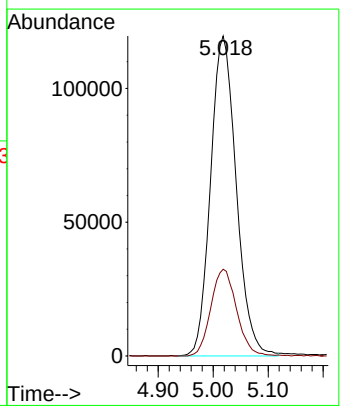
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

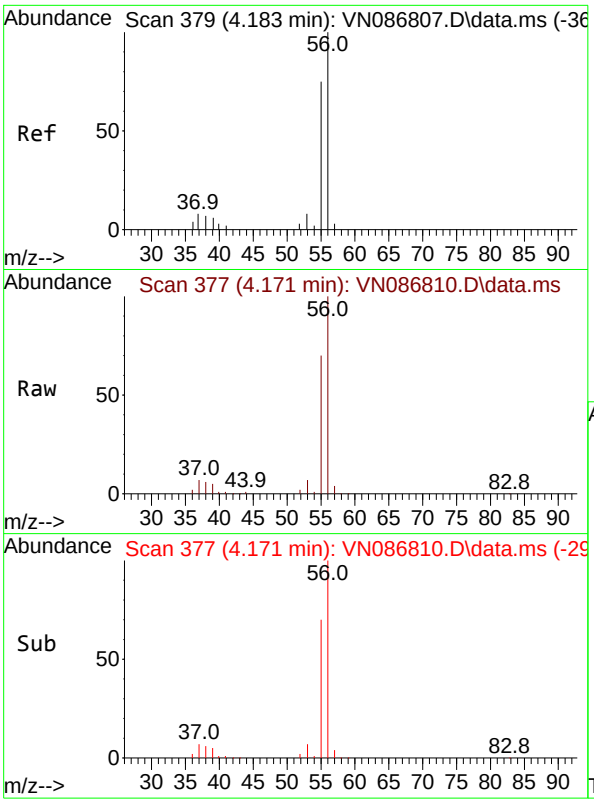


#12
Methyl Acetate
Concen: 161.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 388225

Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.7	34.1

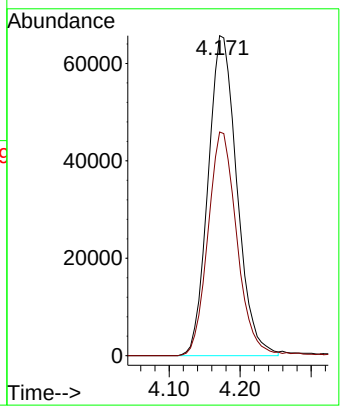




#13
Acrolein
Concen: 739.474 ug/l
RT: 4.171 min Scan# 3
Delta R.T. -0.012 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 56 Resp: 18533

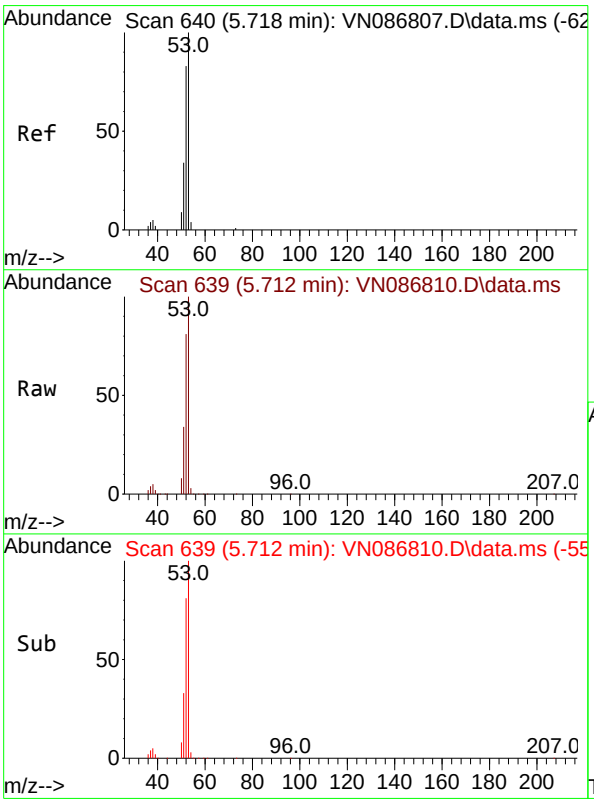
Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

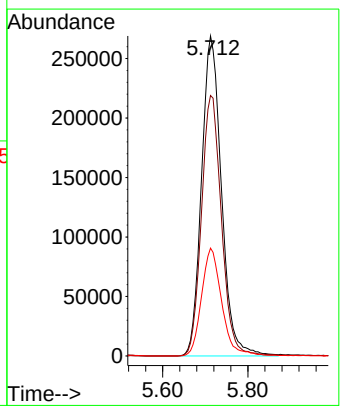
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

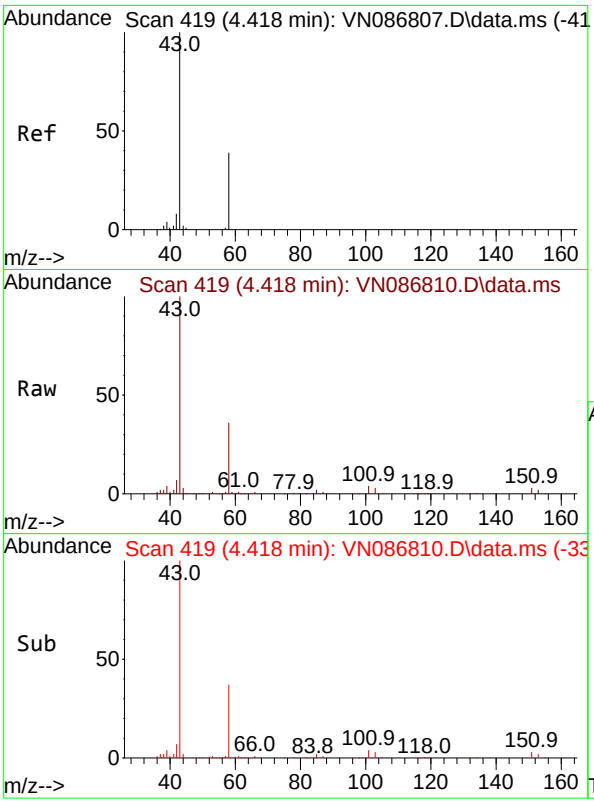


#14
Acrylonitrile
Concen: 778.784 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 53 Resp: 875674

Ion	Ratio	Lower	Upper
53	100		
52	81.5	40.0	119.9
51	34.0	17.5	52.6

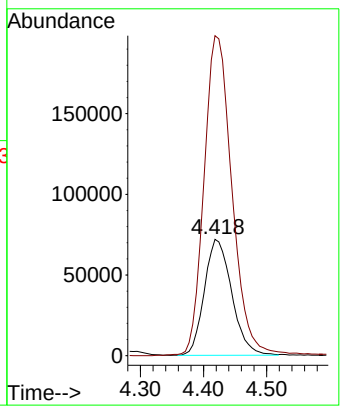




#15
Acetone
Concen: 761.146 ug/l
RT: 4.418 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 58 Resp: 216694

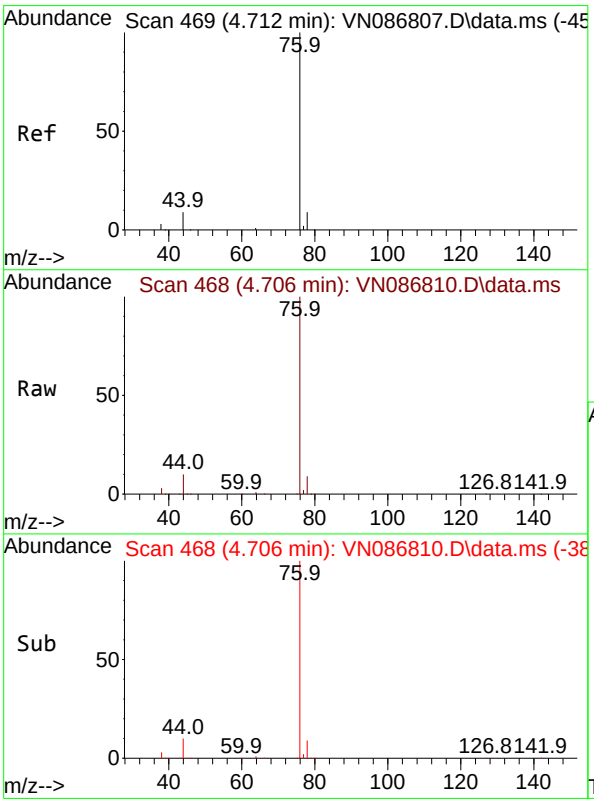
Ion	Ratio	Lower	Upper
58	100		
43	274.9	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

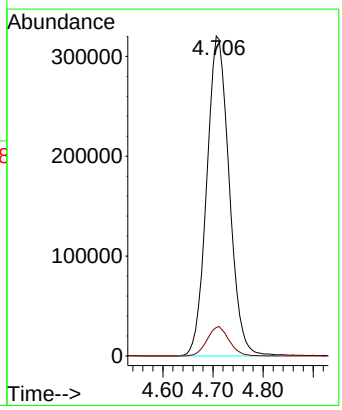
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

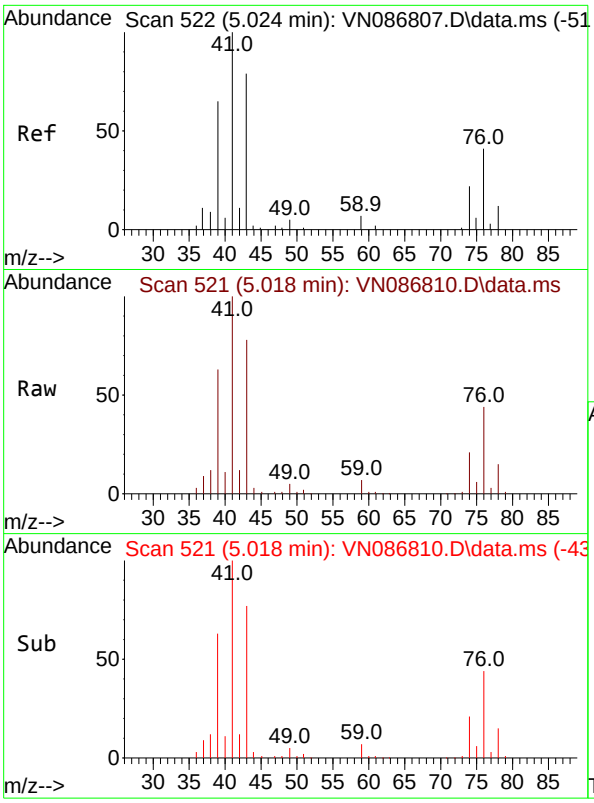


#16
Carbon Disulfide
Concen: 157.081 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 76 Resp: 997627

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

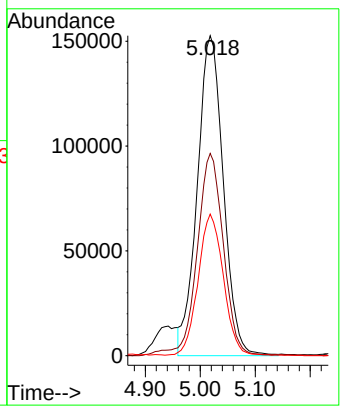




#17
Allyl chloride
Concen: 155.834 ug/l
RT: 5.018 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 41 Resp: 50368

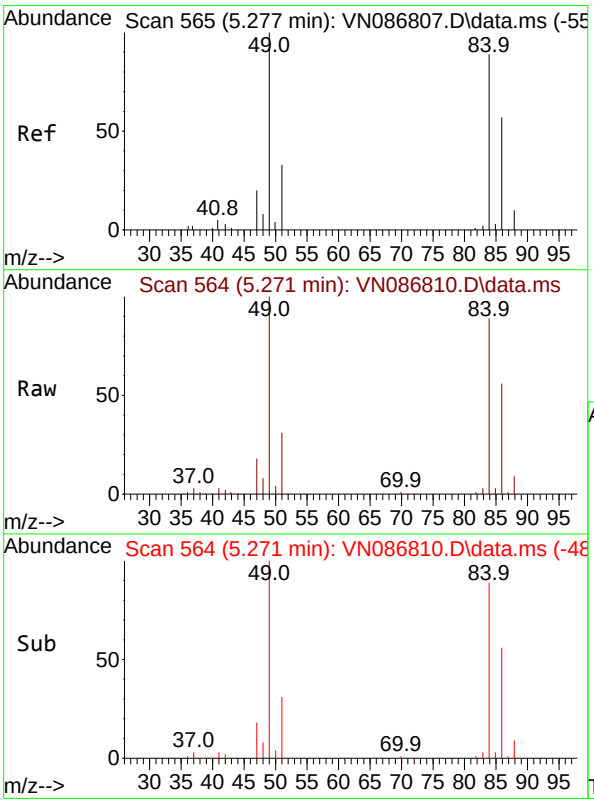
Ion	Ratio	Lower	Upper
41	100		
39	63.2	31.6	94.8
76	44.2	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

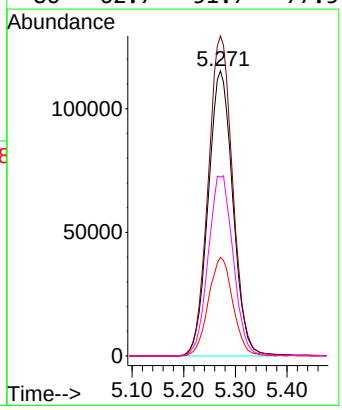
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

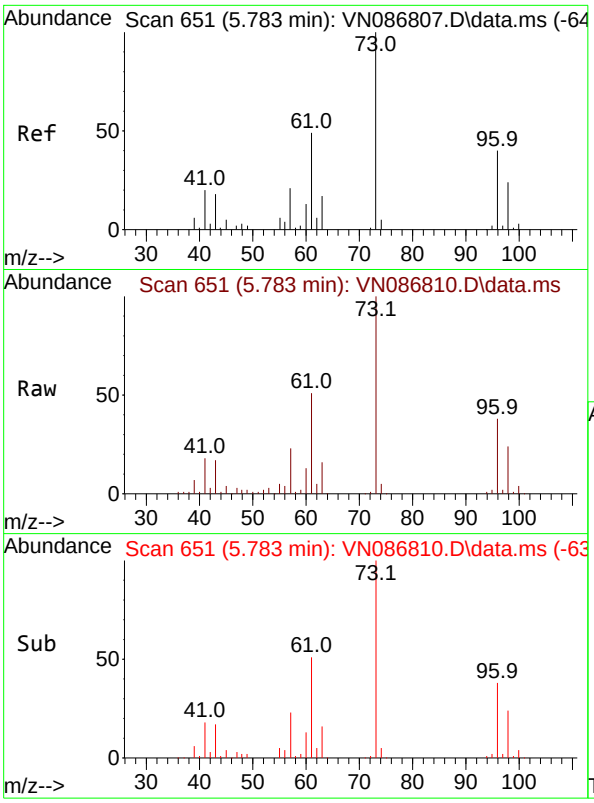


#18
Methylene Chloride
Concen: 151.156 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 84 Resp: 381924

Ion	Ratio	Lower	Upper
84	100		
49	112.3	89.9	134.9
51	34.6	29.6	44.4
86	62.7	51.7	77.5

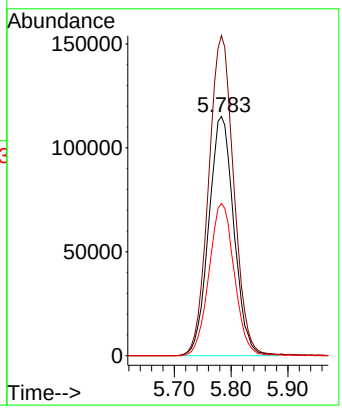




#19
trans-1,2-Dichloroethene
Concen: 155.524 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 96 Resp: 35410

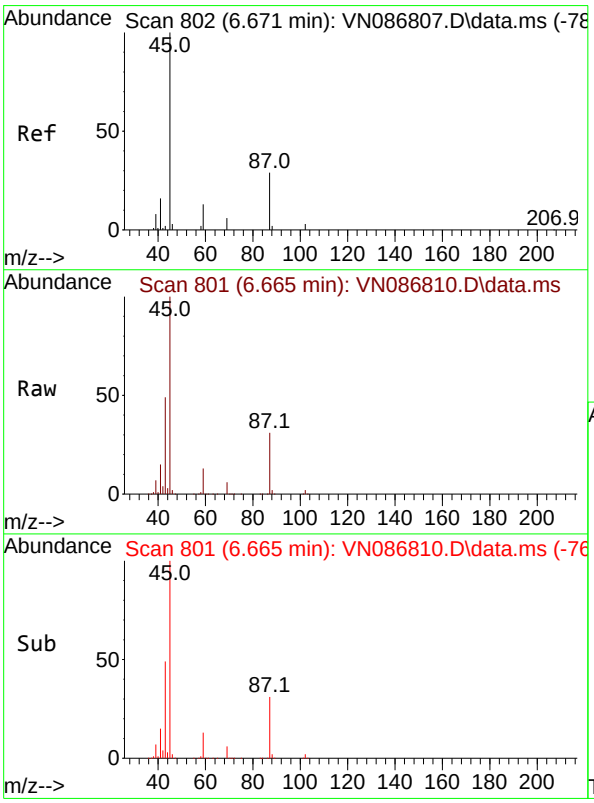
Ion	Ratio	Lower	Upper
96	100		
61	133.6	98.9	148.3
98	63.7	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

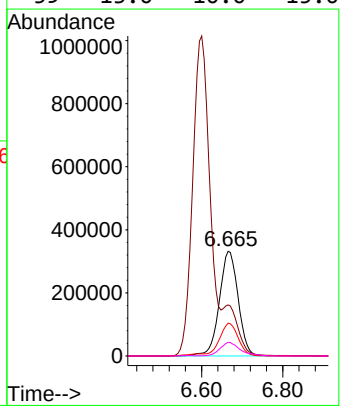
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

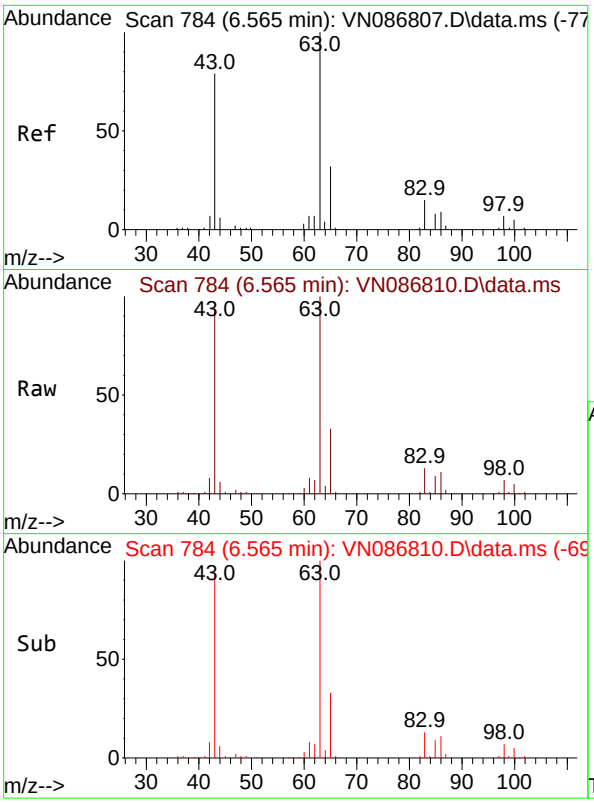


#20
Diisopropyl ether
Concen: 150.420 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 45 Resp: 1070786

Ion	Ratio	Lower	Upper
45	100		
43	48.2	40.3	60.5
87	31.3	24.1	36.1
59	13.0	10.0	15.0

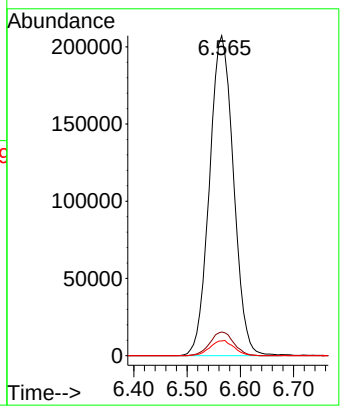




#21
1,1-Dichloroethane
Concen: 151.250 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 63 Resp: 64978

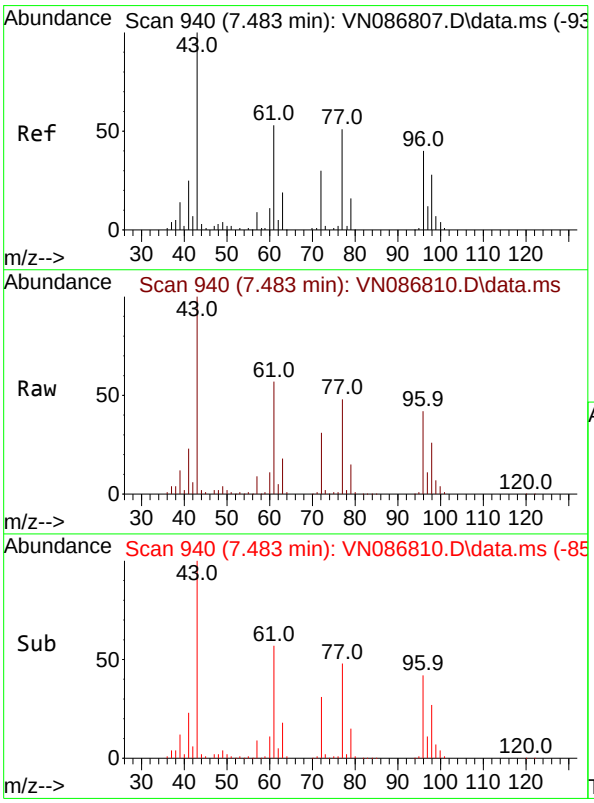
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	4.6	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

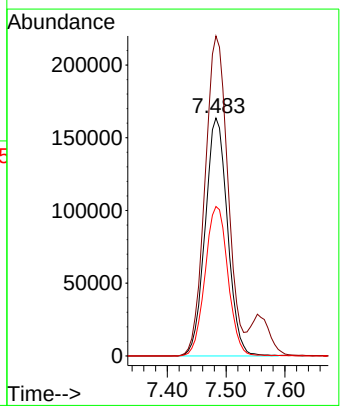
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

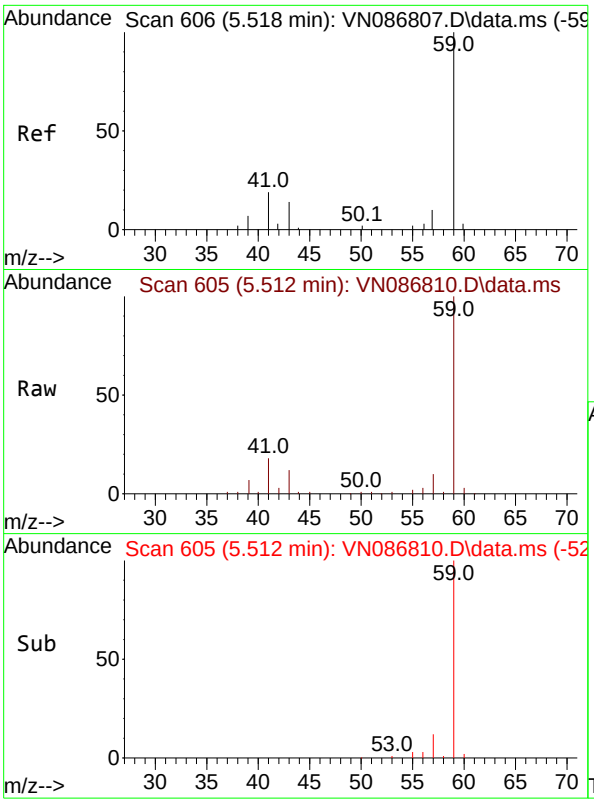


#22
cis-1,2-Dichloroethene
Concen: 156.585 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 96 Resp: 431754

Ion	Ratio	Lower	Upper
96	100		
61	136.8	110.7	166.1
98	64.2	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 796.044 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

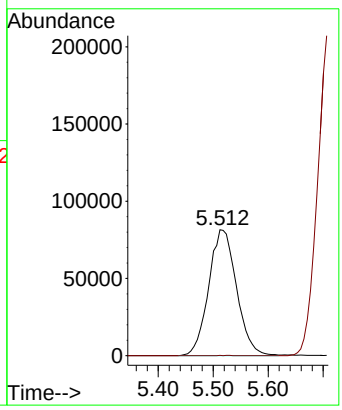
Tgt Ion: 59 Resp: 28743

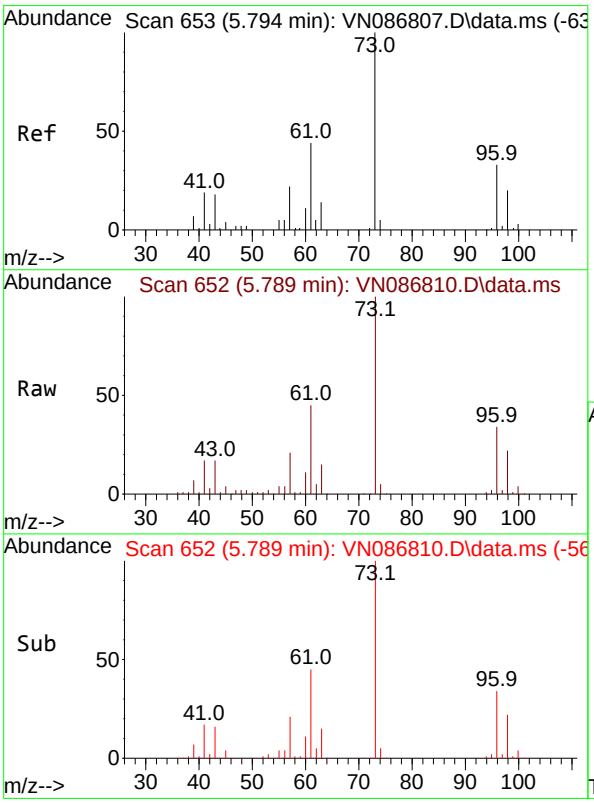
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

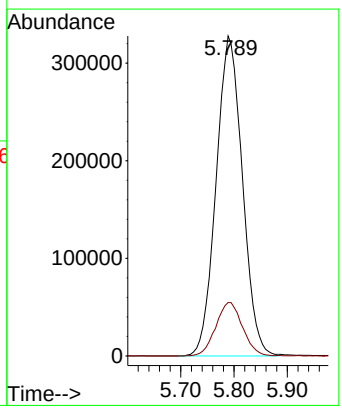


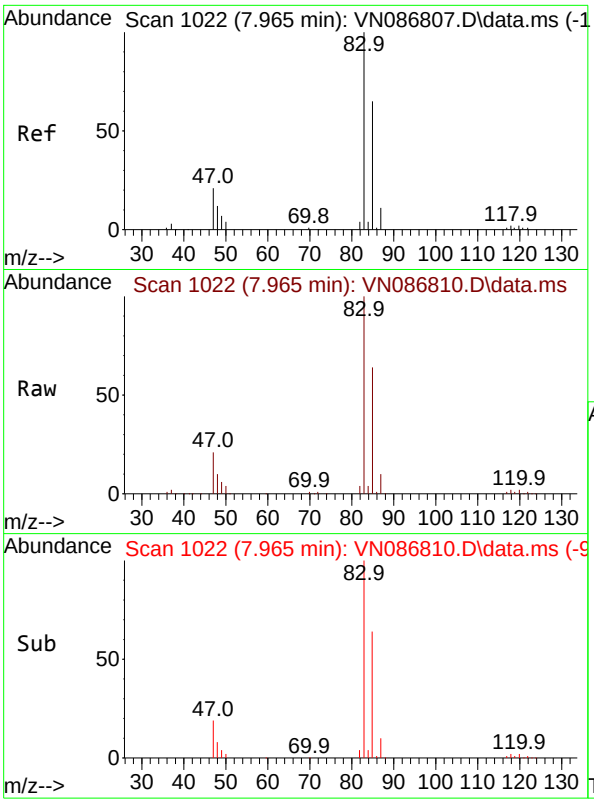


#24
Methyl tert-Butyl Ether
Concen: 156.699 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 73 Resp: 1123614

Ion	Ratio	Lower	Upper
73	100		
43	17.0	14.6	22.0

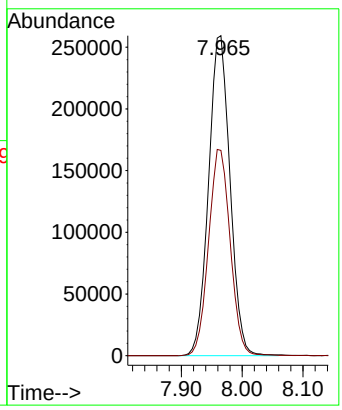




#25
Chloroform
Concen: 151.004 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 83 Resp: 63495

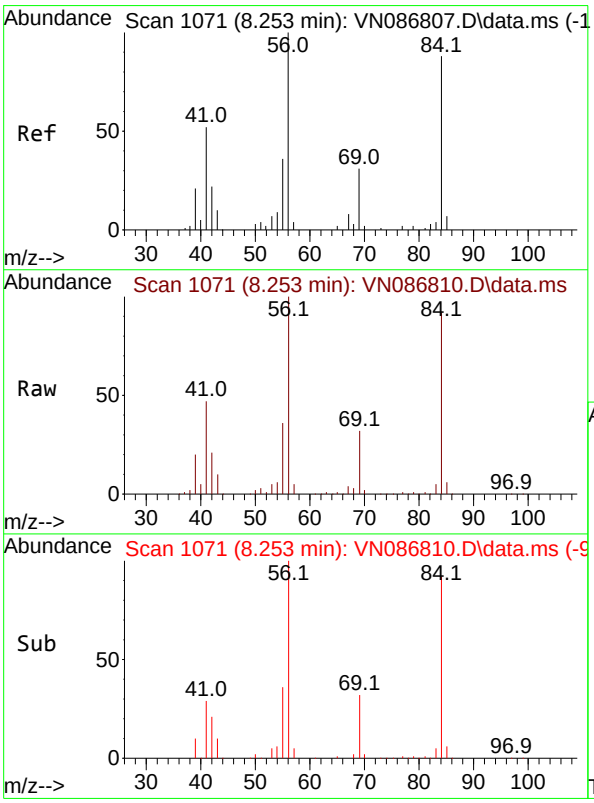
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

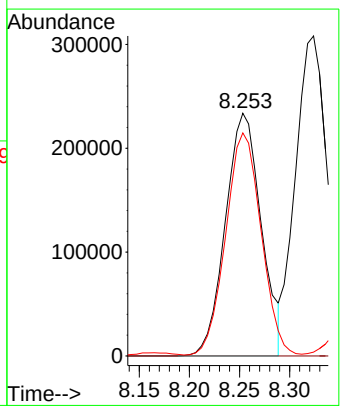
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

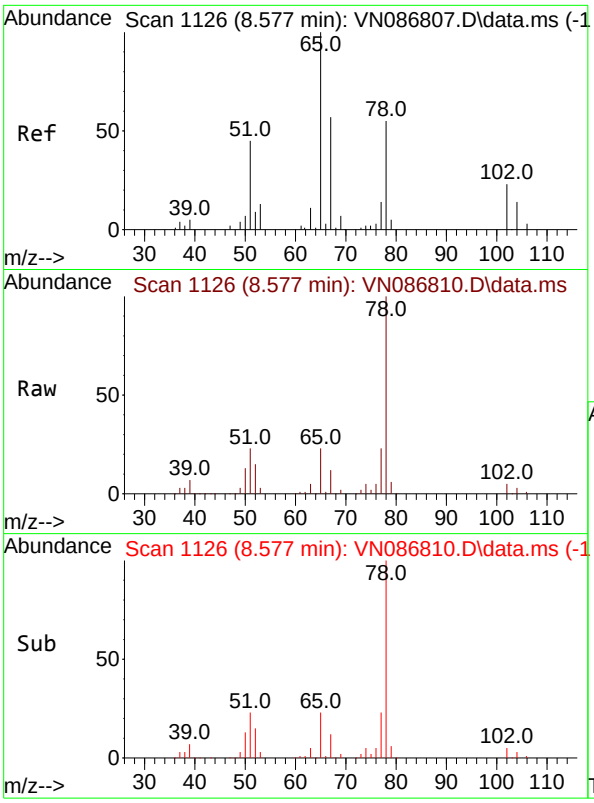


#26
Cyclohexane
Concen: 156.367 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 56 Resp: 581403

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	91.4	70.4	105.6

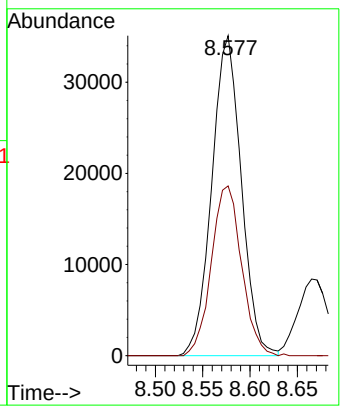




#27
1,2-Dichloroethane-d4
Concen: 29.984 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 65 Resp: 7600

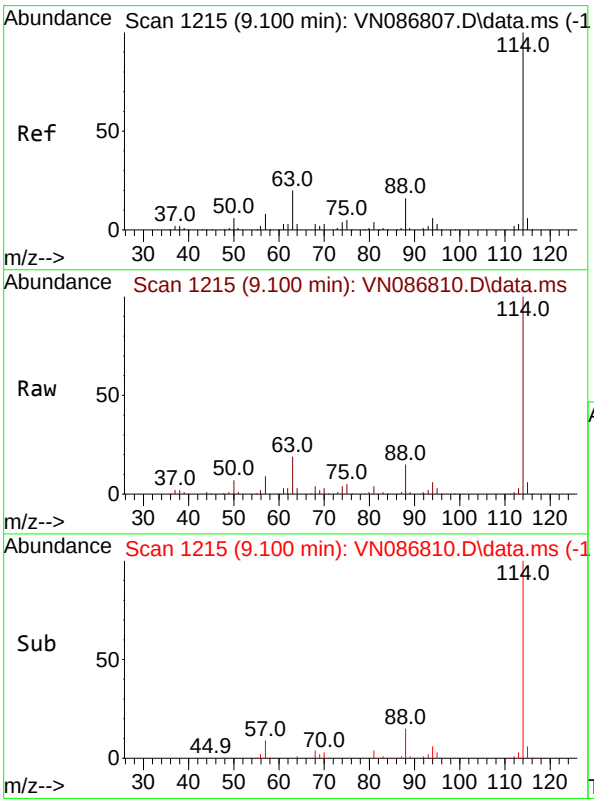
Ion	Ratio	Lower	Upper
65	100		
67	54.3	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

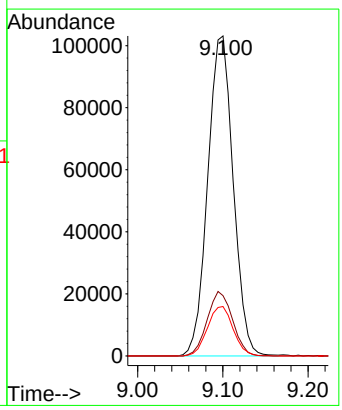
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

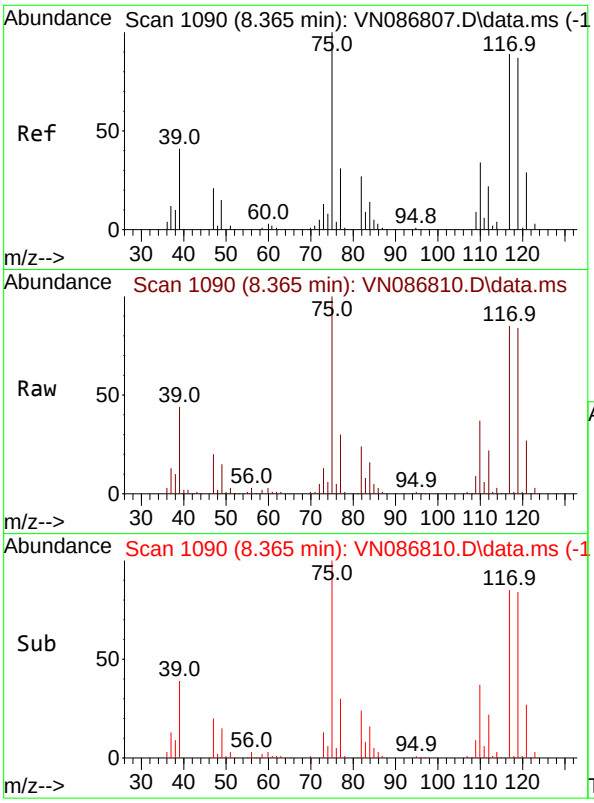


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:114 Resp: 214272

Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.8	23.8
88	15.6	12.9	19.3

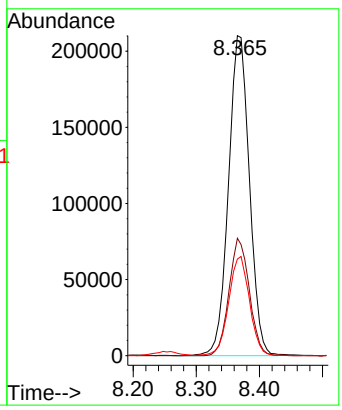




#29
1,1-Dichloropropene
Concen: 153.670 ug/l
RT: 8.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 48412

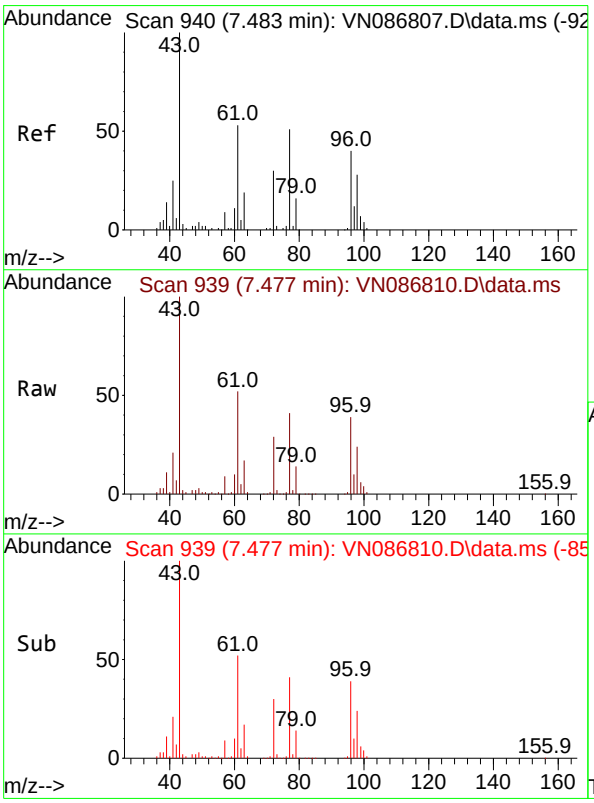
Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	71.0
77	30.9	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

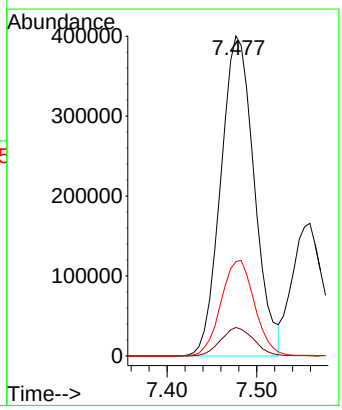
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

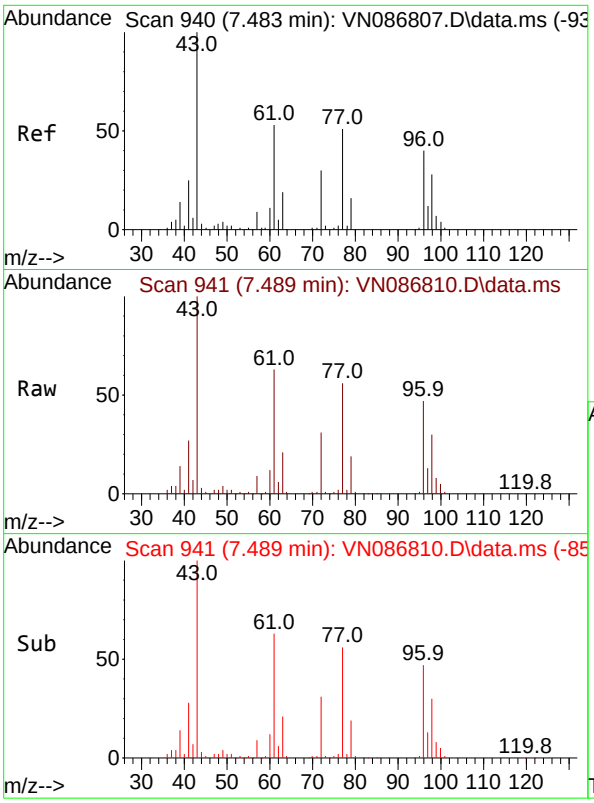


#30
2-Butanone
Concen: 752.026 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 1038066

Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	30.0	23.4	35.0

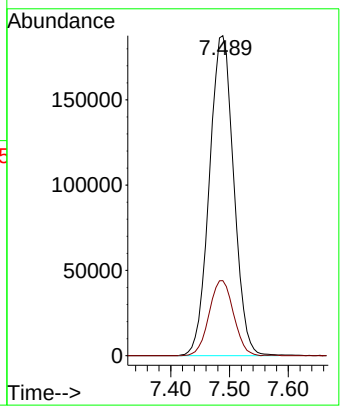




#31
2,2-Dichloropropane
Concen: 145.448 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 77 Resp: 54088

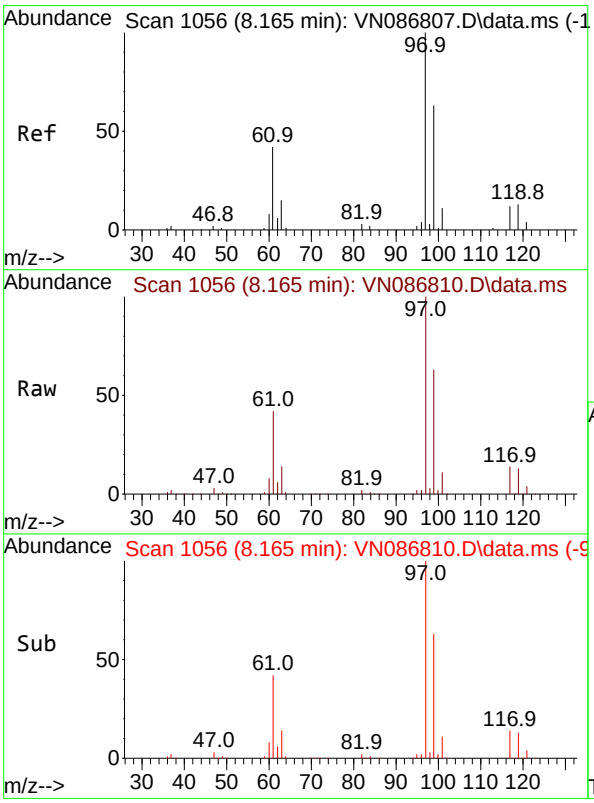
Ion	Ratio	Lower	Upper
77	100		
97	23.5	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

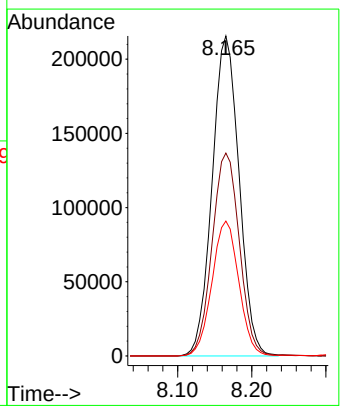
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

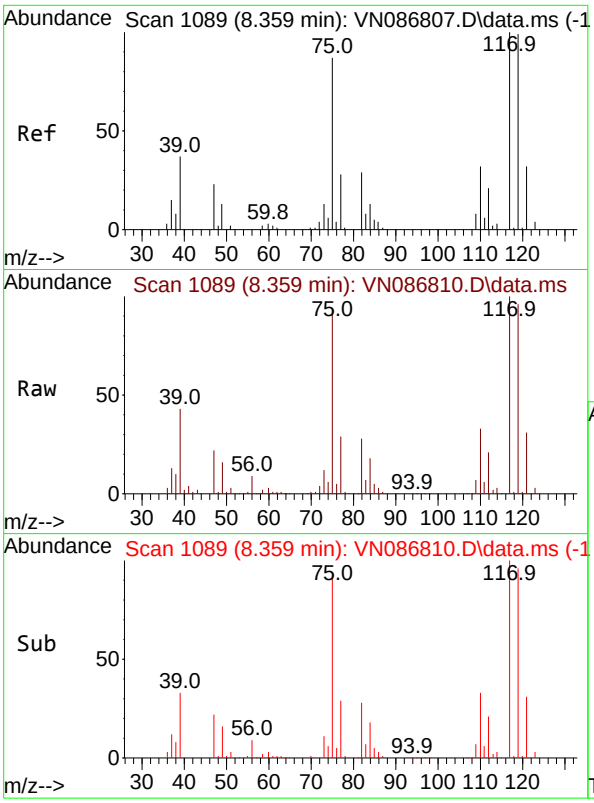


#32
1,1,1-Trichloroethane
Concen: 149.159 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 97 Resp: 544727

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	42.0	35.4	53.2

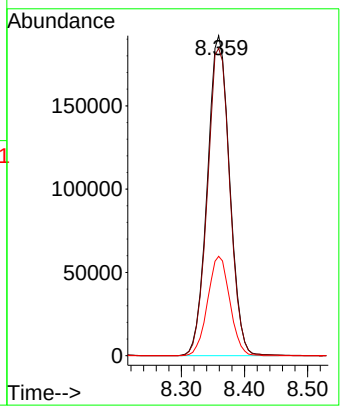




#33
Carbon Tetrachloride
Concen: 151.090 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:117 Resp: 47166

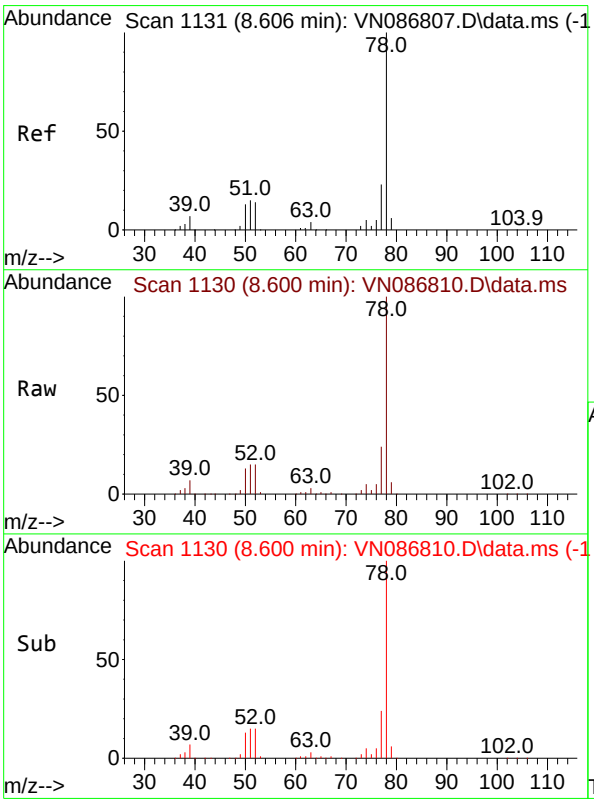
Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.2	118.8
121	31.1	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

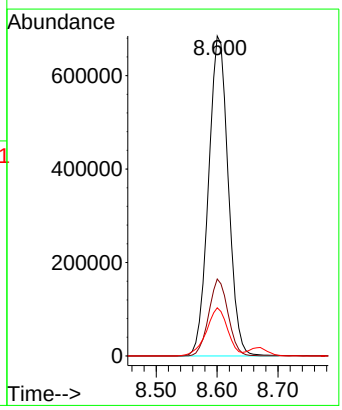
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

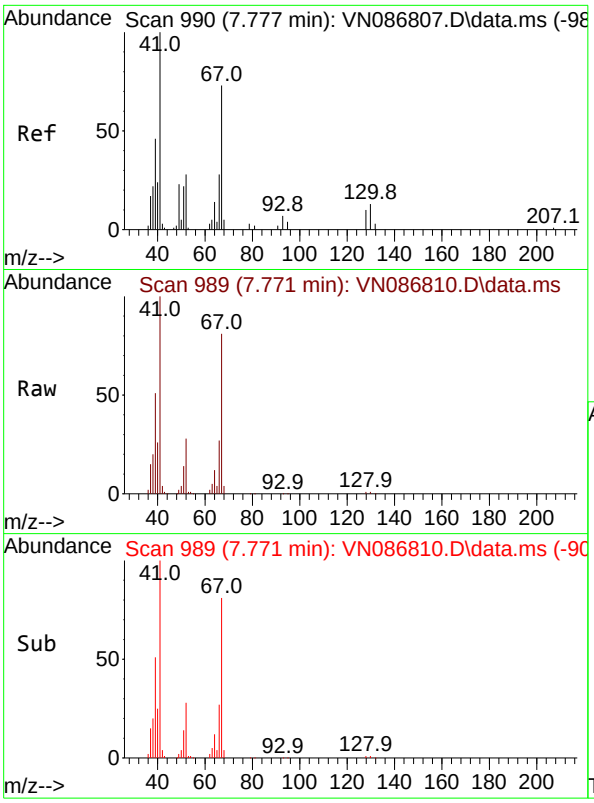


#34
Benzene
Concen: 150.461 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 78 Resp: 1542311

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2
51	15.0	11.9	17.9

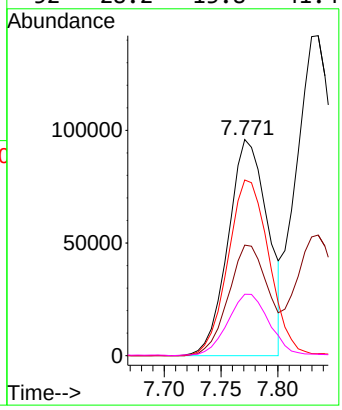




#35
Methacrylonitrile
Concen: 147.087 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 41 Resp: 23322

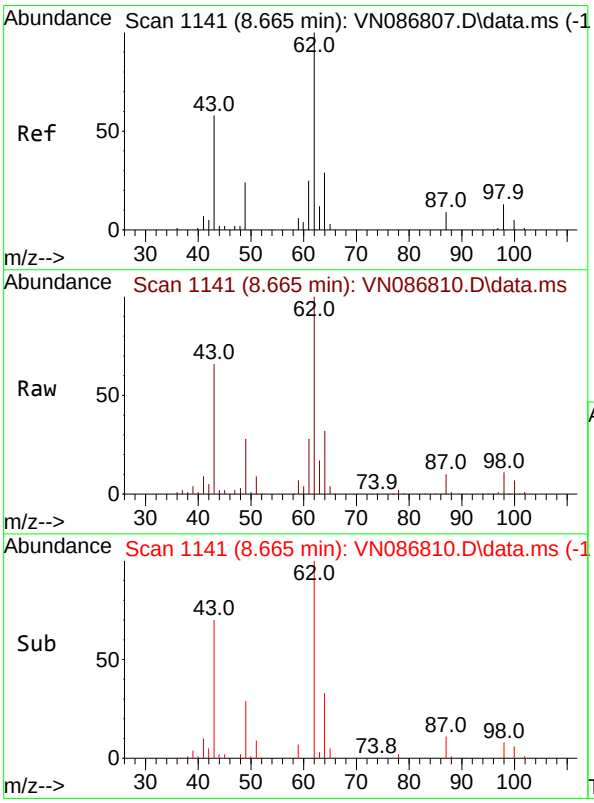
Ion	Ratio	Lower	Upper
41	100		
39	51.1	23.2	69.6
67	81.3	36.5	109.7
52	28.2	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

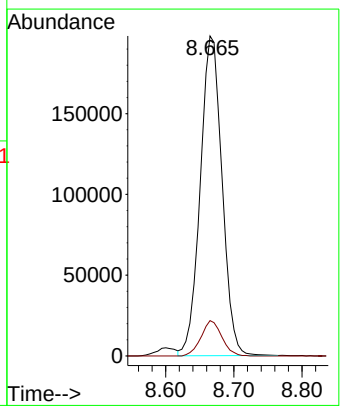
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

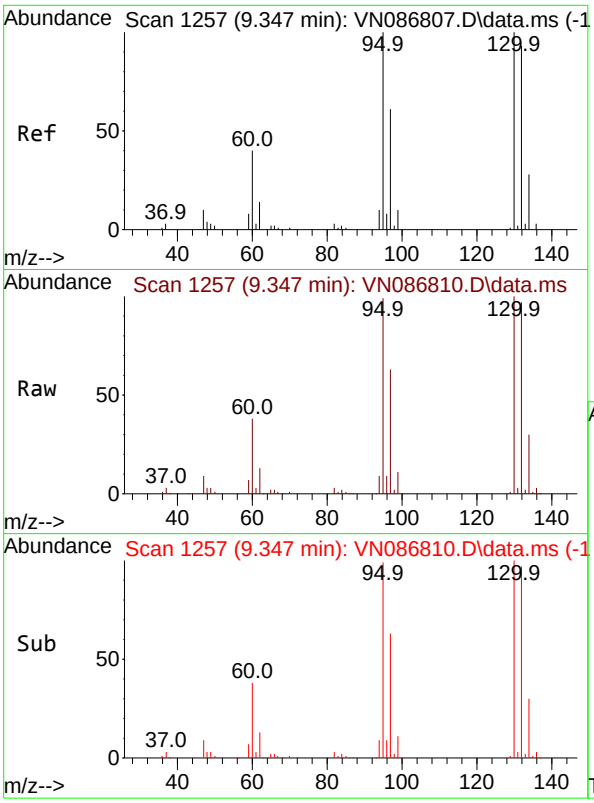


#36
1,2-Dichloroethane
Concen: 146.570 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 62 Resp: 440263

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.5	12.7

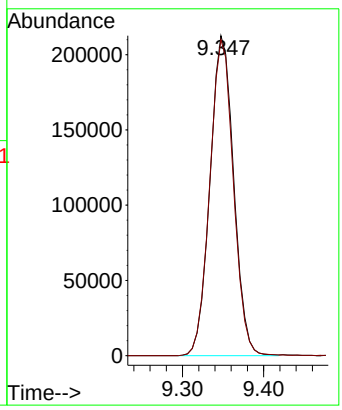




#37
Trichloroethene
Concen: 151.697 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:130 Resp: 43131

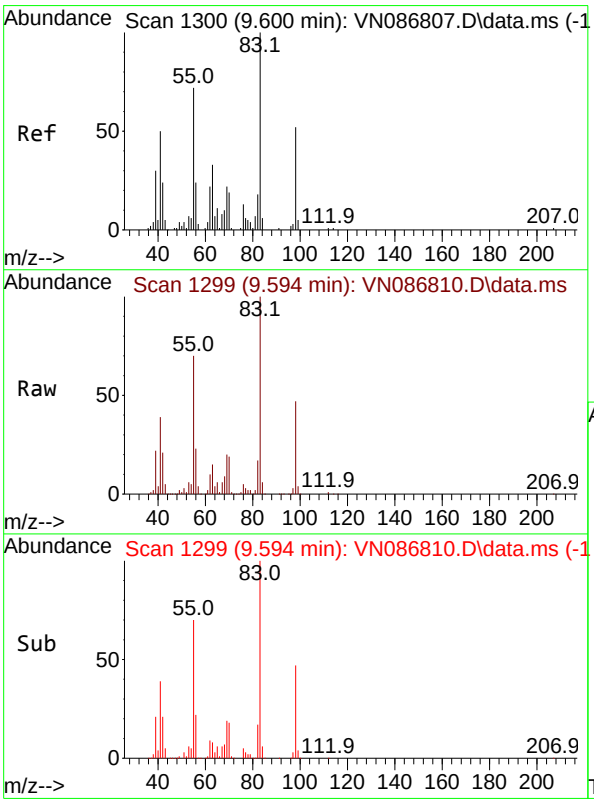
Ion	Ratio	Lower	Upper
130	100		
95	98.8	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

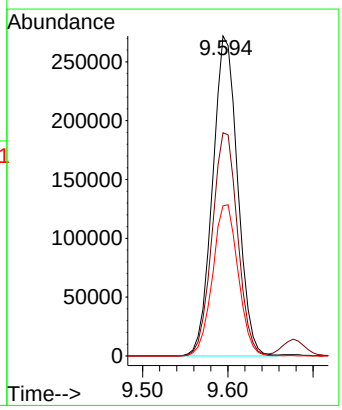
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

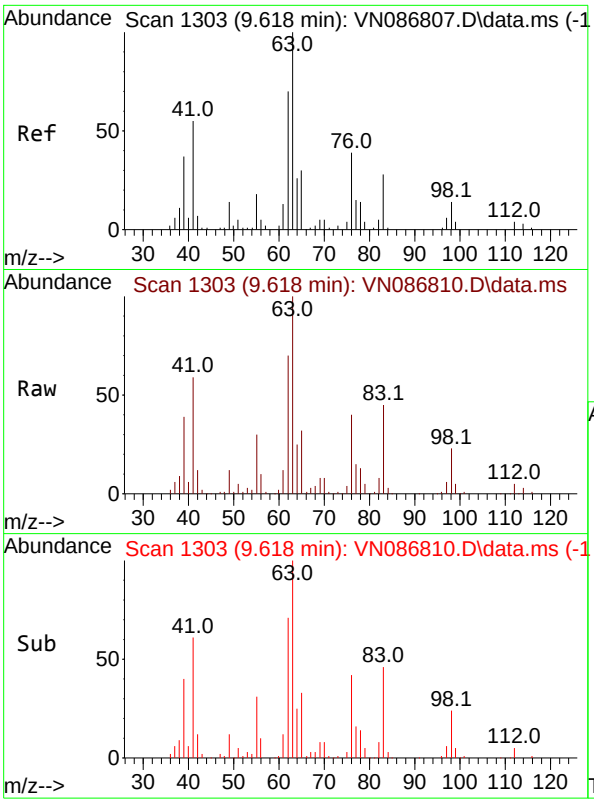


#38
Methylcyclohexane
Concen: 158.937 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 83 Resp: 555561

Ion	Ratio	Lower	Upper
83	100		
55	71.0	37.4	112.1
98	48.3	24.6	73.6

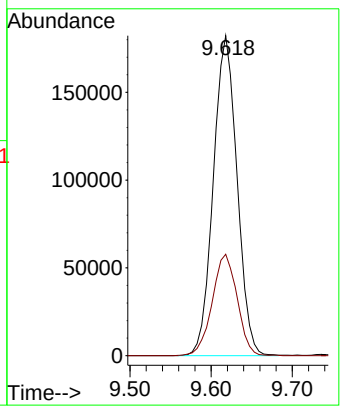




#39
1,2-Dichloropropane
Concen: 149.963 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 63 Resp: 37008

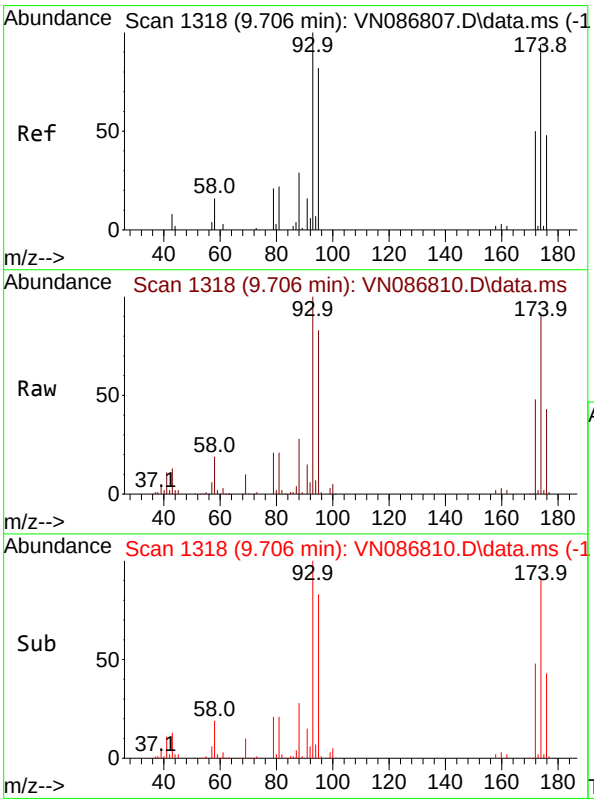
Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.2	36.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

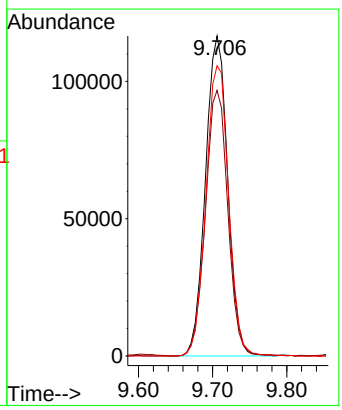
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

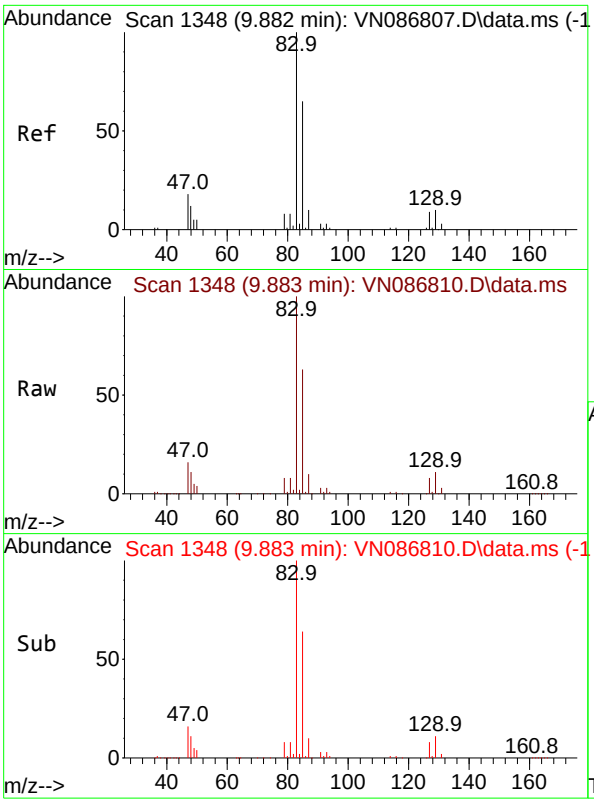


#40
Dibromomethane
Concen: 150.374 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 93 Resp: 242715

Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	166.4
174	92.9	0.0	181.8





#41
Bromodichloromethane
Concen: 151.502 ug/l
RT: 9.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

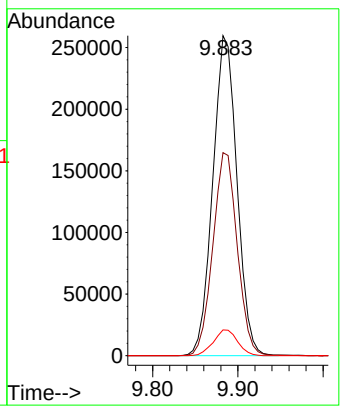
Tgt Ion: 83 Resp: 51187

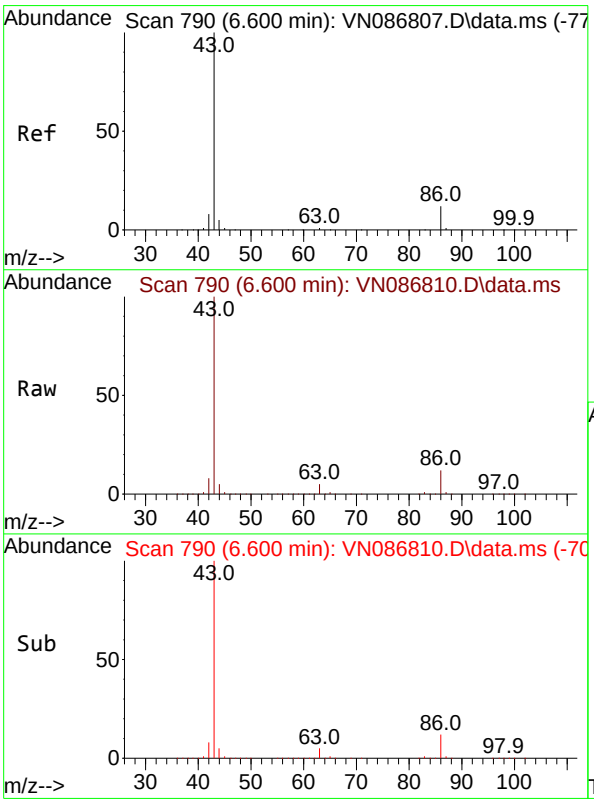
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8
127	8.1	6.8	10.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

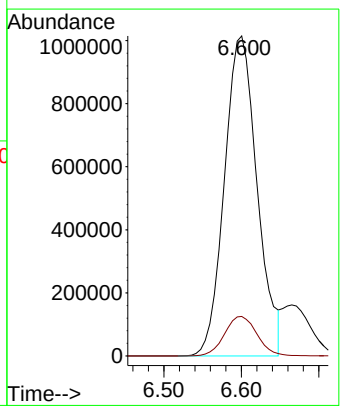


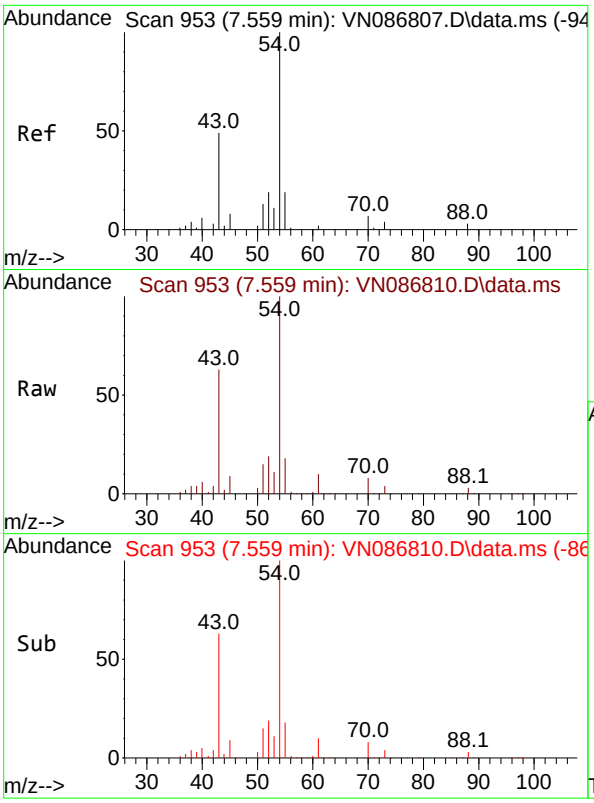


#42
Vinyl Acetate
Concen: 741.087 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 2981846

Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.5	14.3





#43
Ethyl Acetate
Concen: 144.539 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

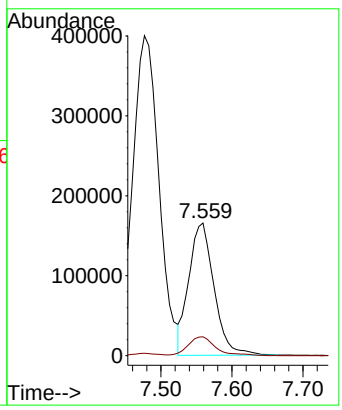
Tgt Ion: 43 Resp: 40825

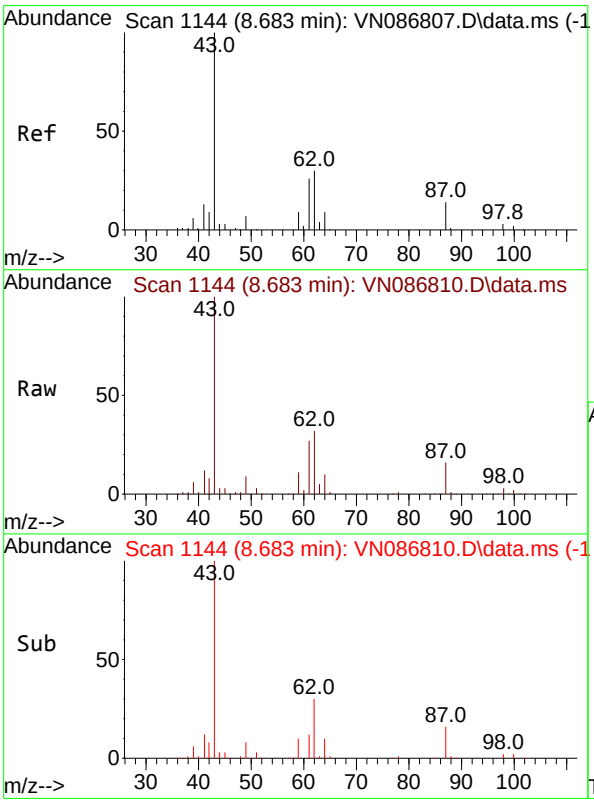
Ion	Ratio	Lower	Upper
43	100		
45	15.5	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

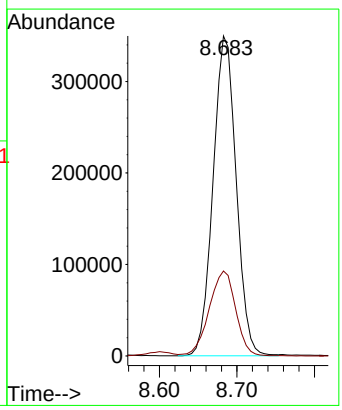


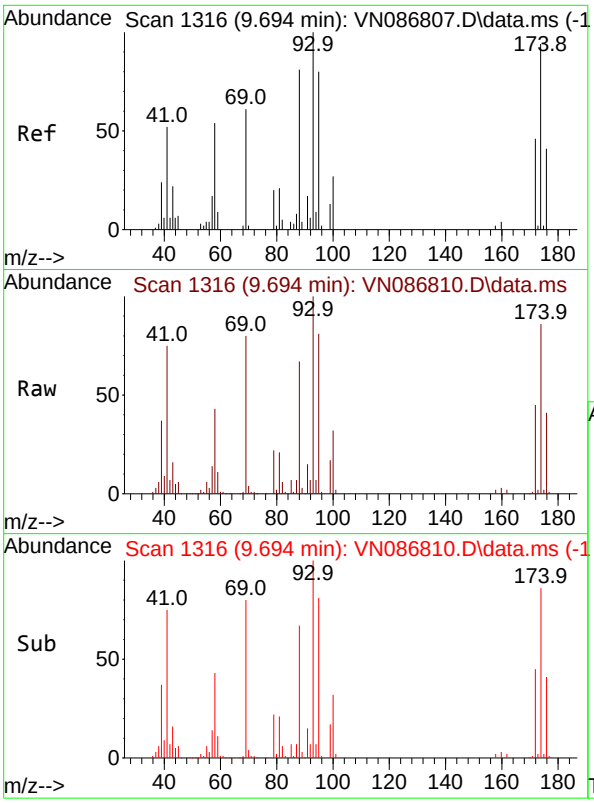


#44
Isopropyl Acetate
Concen: 149.571 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 724719

Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.8	35.6

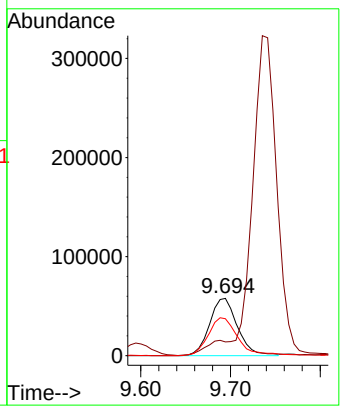




#45
1,4-Dioxane
Concen: 2902.752 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 88 Resp: 12501

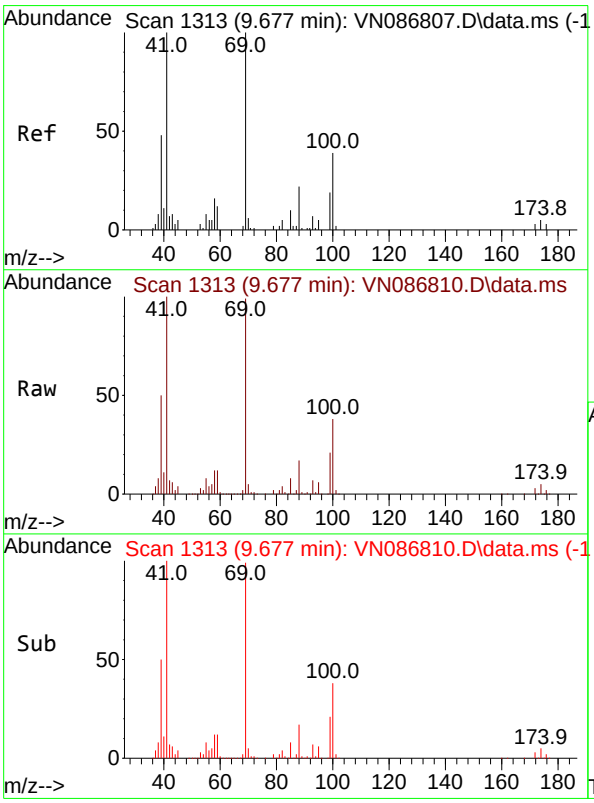
Ion	Ratio	Lower	Upper
88	100		
43	23.7	23.0	34.6
58	71.5	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

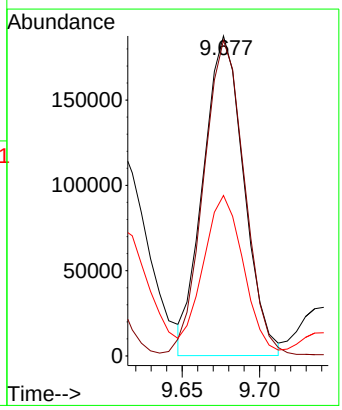
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

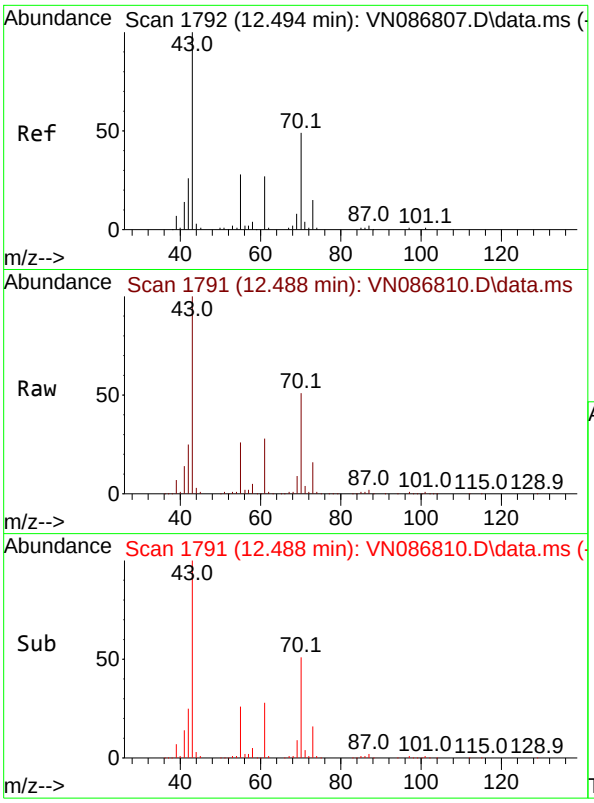


#46
Methyl methacrylate
Concen: 152.666 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 41 Resp: 341082

Ion	Ratio	Lower	Upper
41	100		
69	100.1	48.0	144.2
39	50.3	23.8	71.2

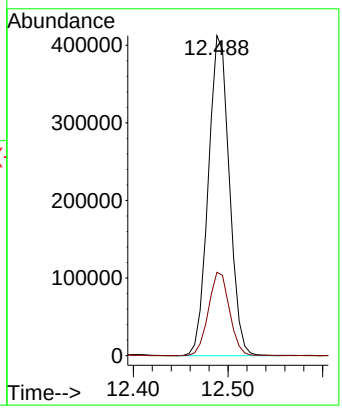




#47
n-amyl Acetate
Concen: 163.548 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 63618

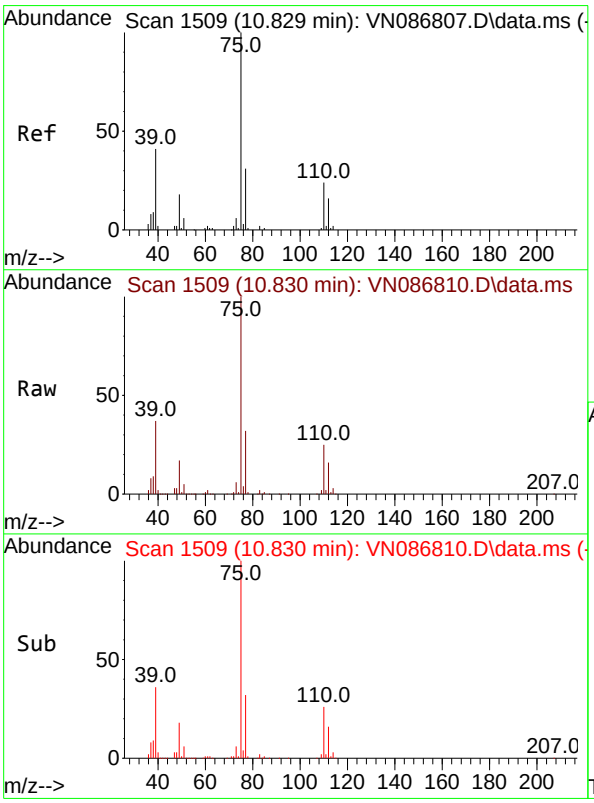
Ion	Ratio	Lower	Upper
43	100		
55	26.1	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

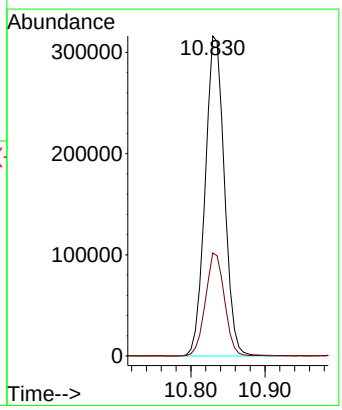
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

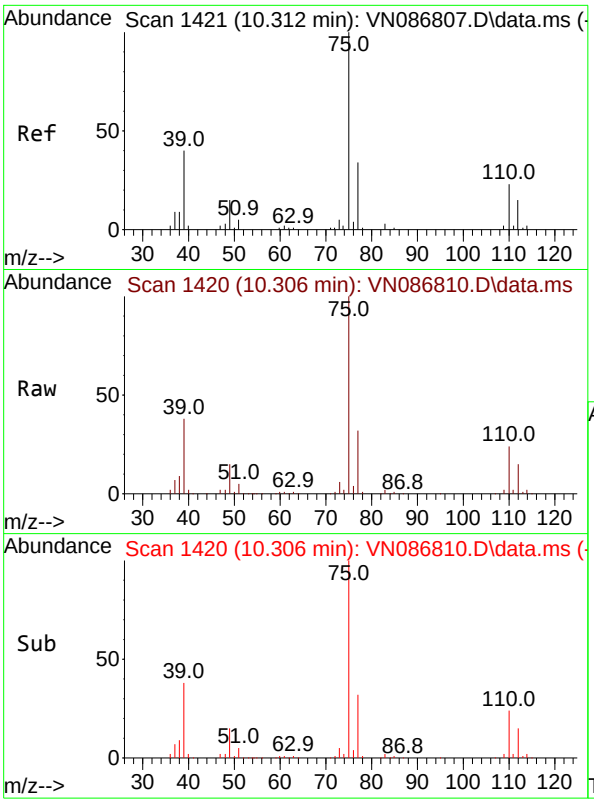


#48
t-1,3-Dichloropropene
Concen: 156.978 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 567557

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7

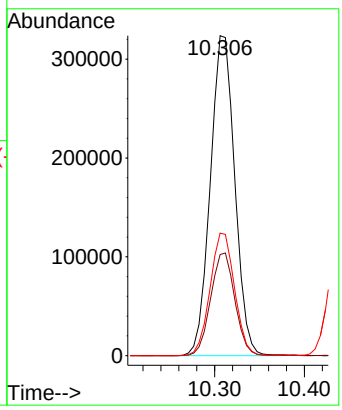




#49
cis-1,3-Dichloropropene
Concen: 154.193 ug/l
RT: 10.306 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 61319

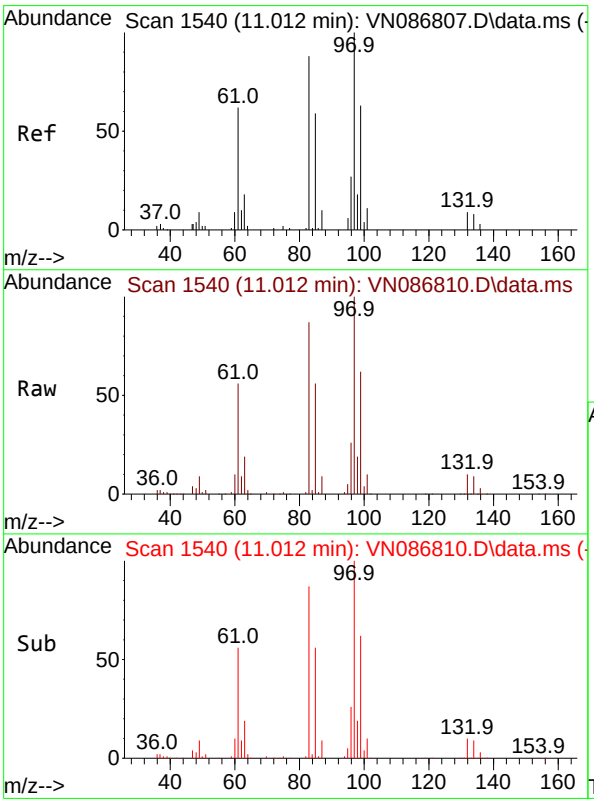
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.9	40.3
39	38.3	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

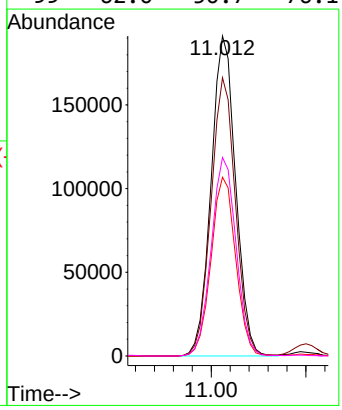
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

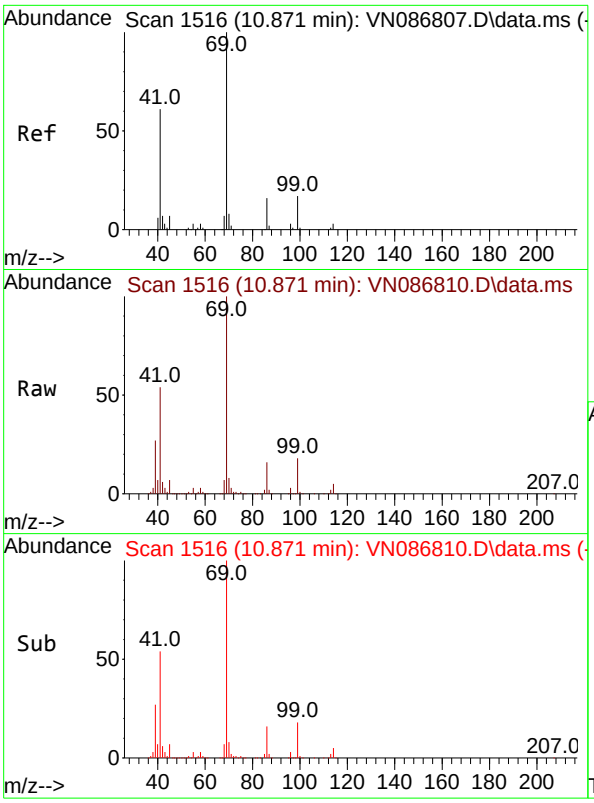


#50
1,1,2-Trichloroethane
Concen: 151.193 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 97 Resp: 343707

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.6	105.8
85	55.8	46.8	70.2
99	62.0	50.7	76.1

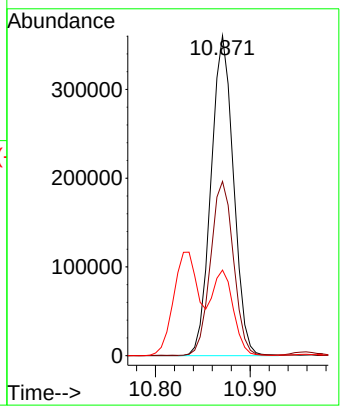




#51
Ethyl methacrylate
Concen: 161.221 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 69 Resp: 59357

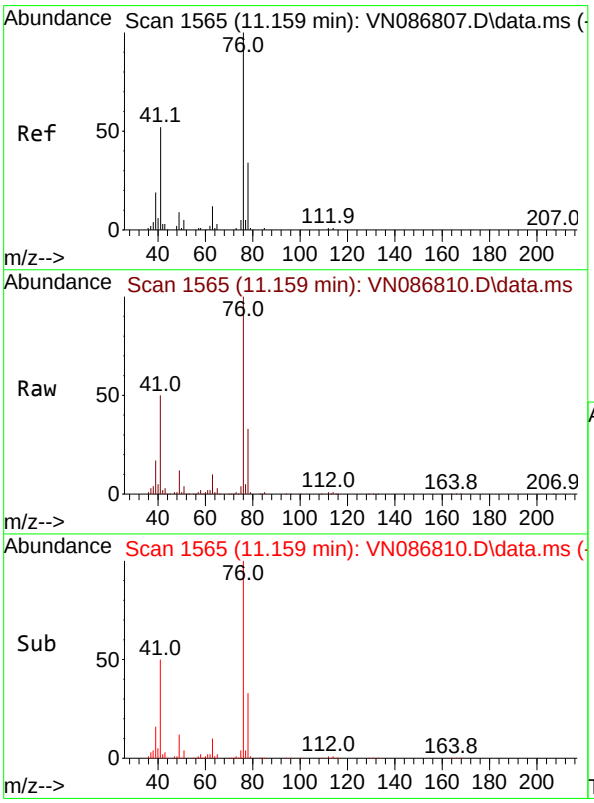
Ion	Ratio	Lower	Upper
69	100		
41	54.4	30.5	91.5
39	26.6	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

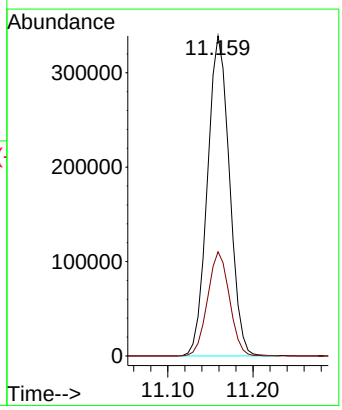
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

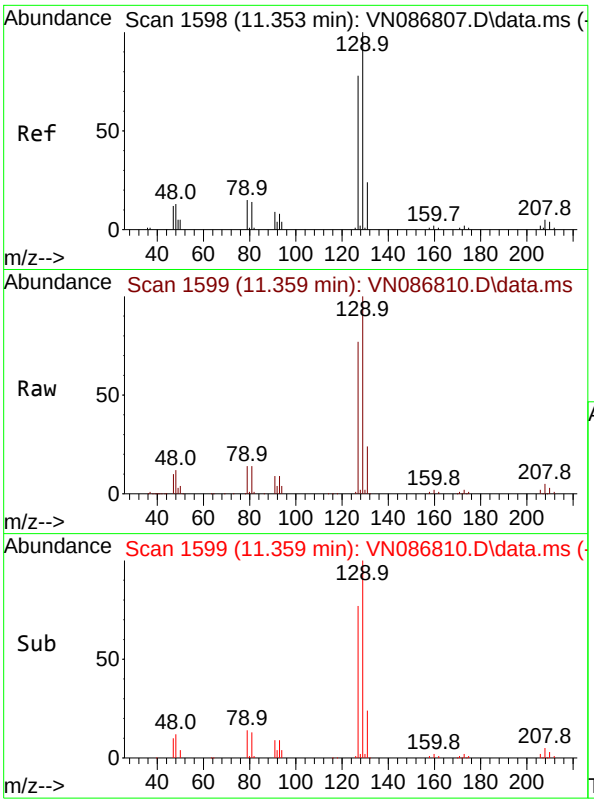


#52
1,3-Dichloropropane
Concen: 150.976 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 76 Resp: 609094

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6

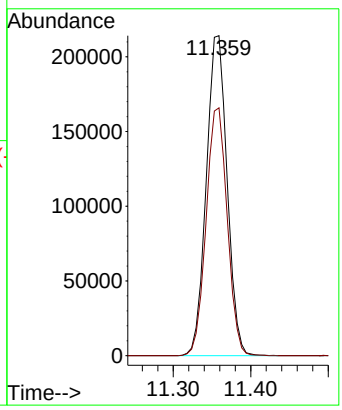




#53
Dibromochloromethane
Concen: 155.726 ug/l
RT: 11.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:129 Resp: 40004

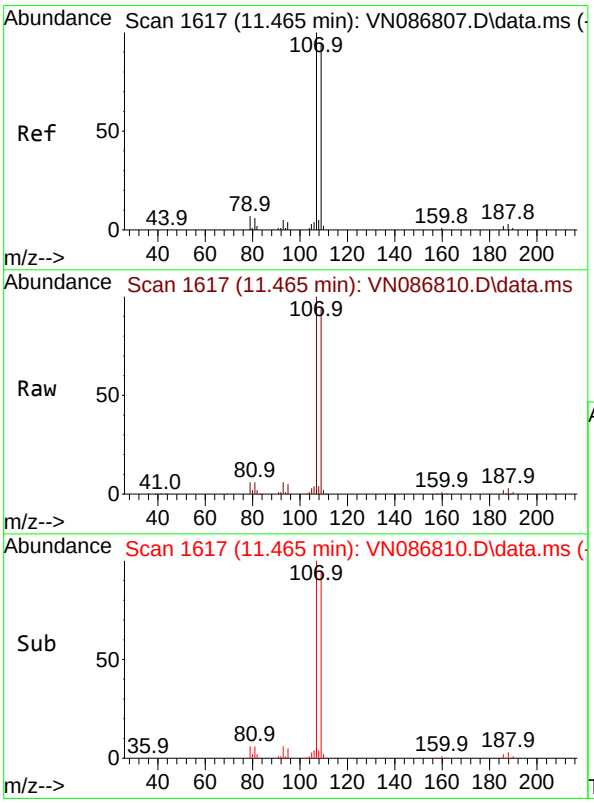
Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

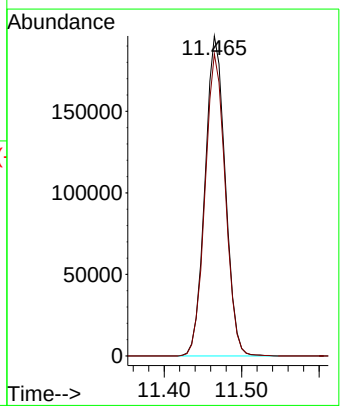
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

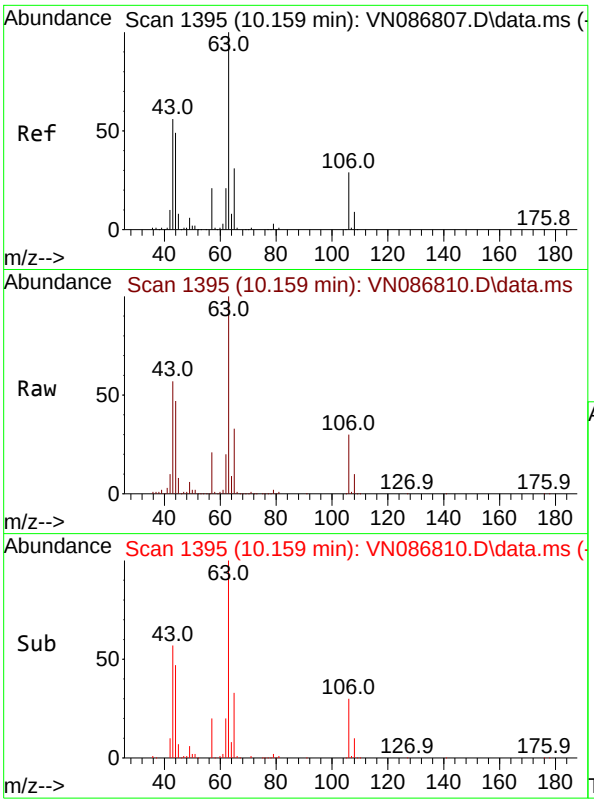


#54
1,2-Dibromoethane
Concen: 153.191 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:107 Resp: 355975

Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6





#55
2-Chloroethyl vinyl ether
Concen: 809.741 ug/l
RT: 10.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

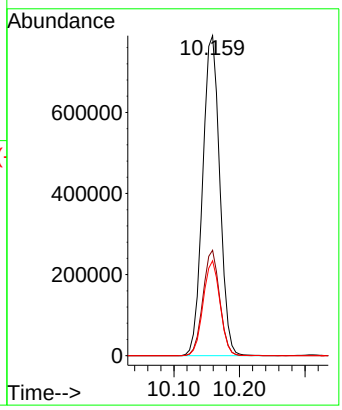
Tgt Ion: 63 Resp: 143103

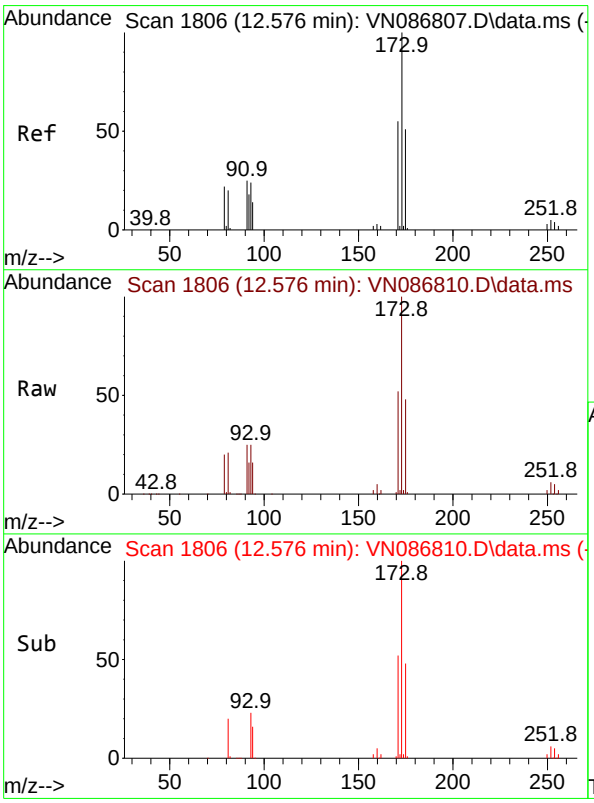
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	29.2	22.7	34.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

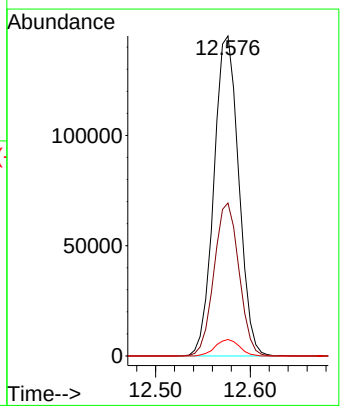


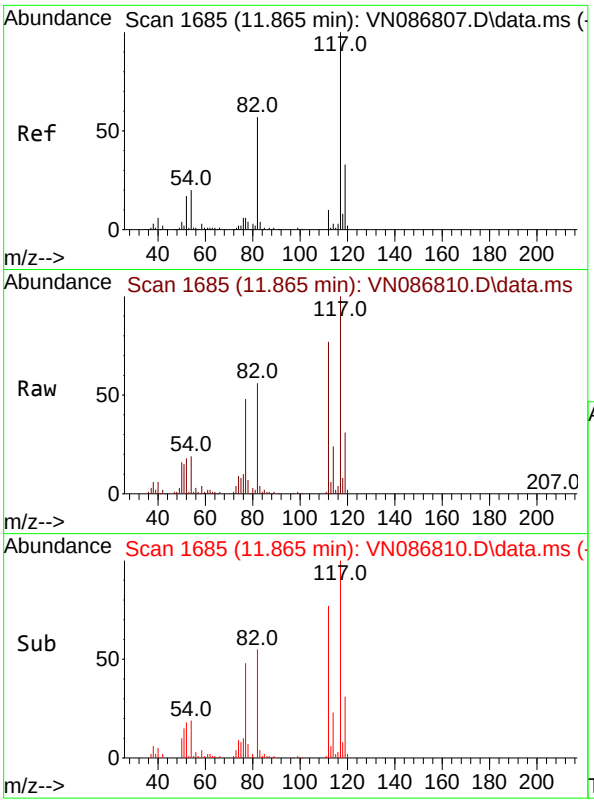


#56
Bromoform
Concen: 163.599 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:173 Resp: 264806

Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.7	59.5
254	5.0	3.5	5.3

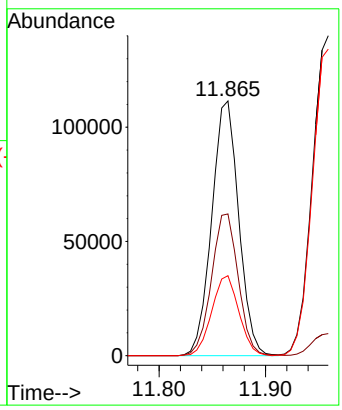




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:117 Resp: 19618

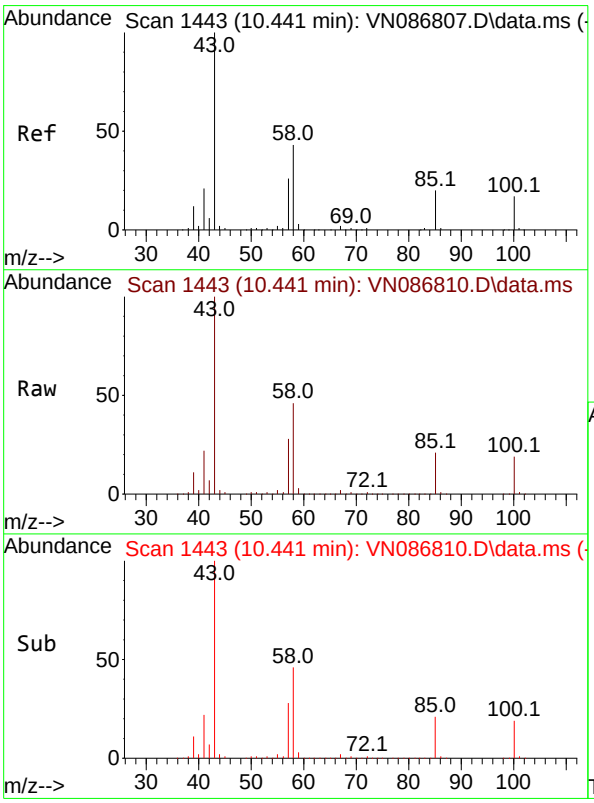
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.7	67.1
119	31.7	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

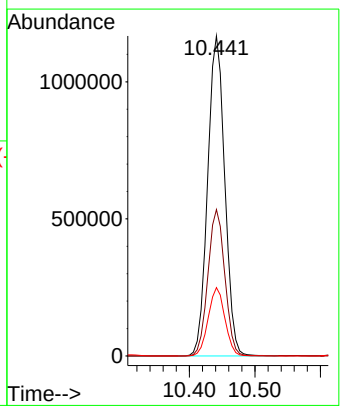
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

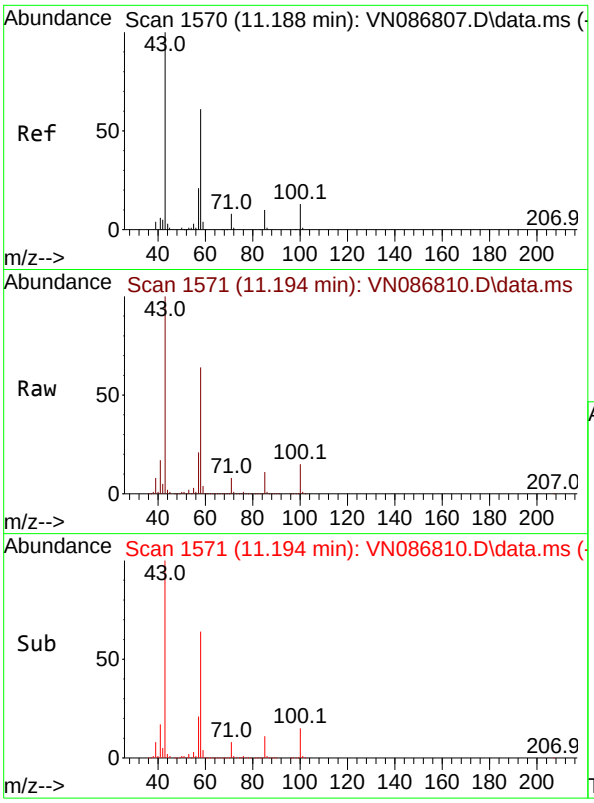


#58
4-Methyl-2-Pentanone
Concen: 734.811 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 43 Resp: 2115299

Ion	Ratio	Lower	Upper
43	100		
58	45.2	34.5	51.7
85	20.9	15.8	23.8





#59
2-Hexanone
Concen: 757.473 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

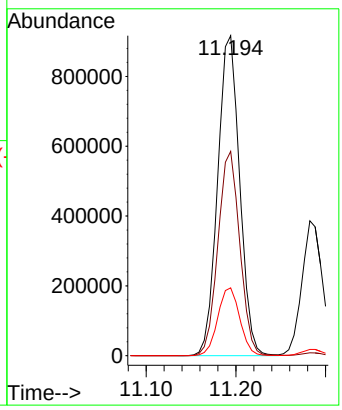
Tgt Ion: 43 Resp: 156193

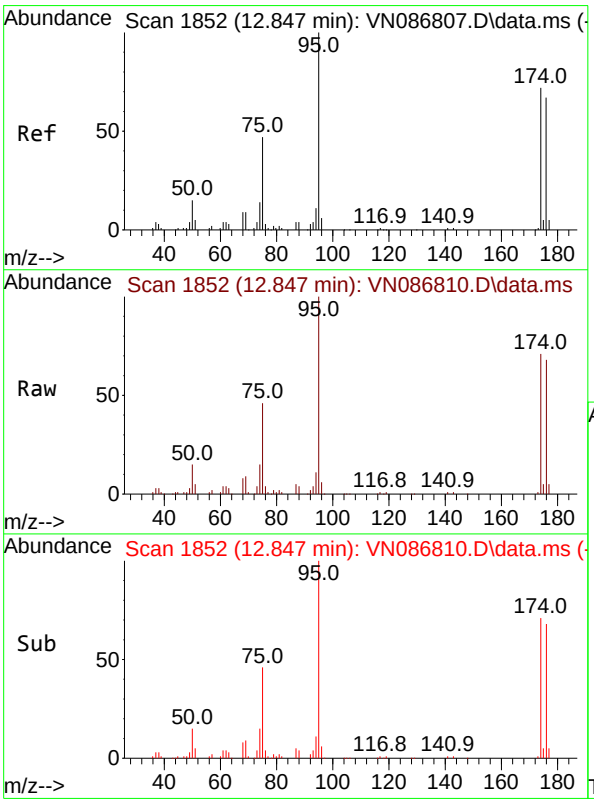
Ion	Ratio	Lower	Upper
43	100		
58	63.2	49.1	73.7
57	21.3	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

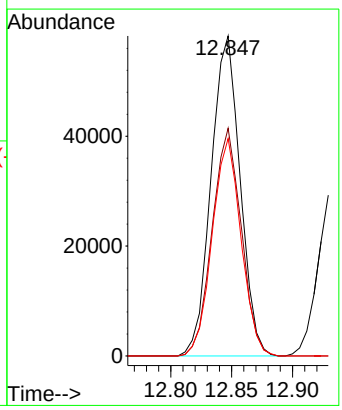


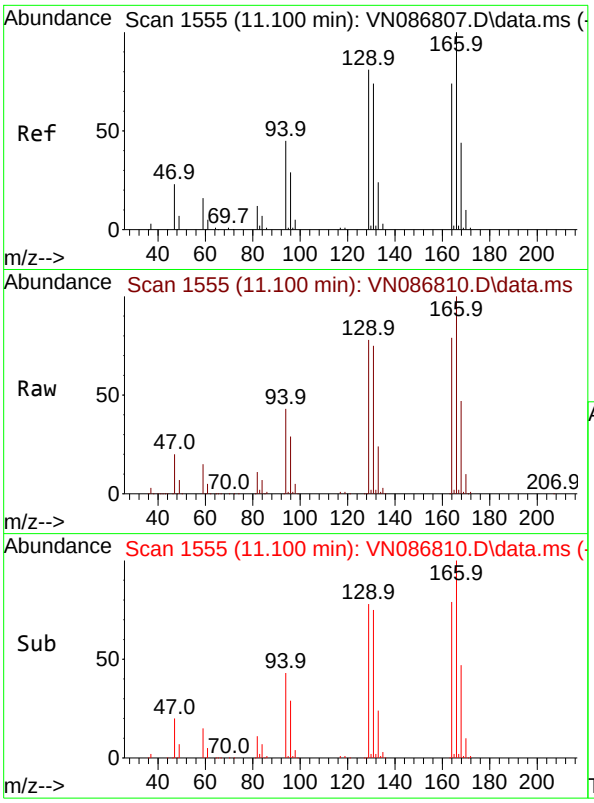


#60
4-Bromofluorobenzene
Concen: 31.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 95 Resp: 96629

Ion	Ratio	Lower	Upper
95	100		
174	71.1	56.2	84.4
176	67.5	53.4	80.0

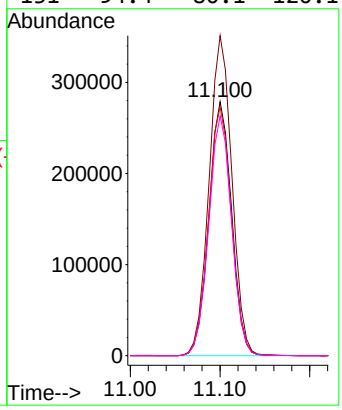




#61
Tetrachloroethene
Concen: 149.443 ug/l
RT: 11.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:164 Resp: 49283

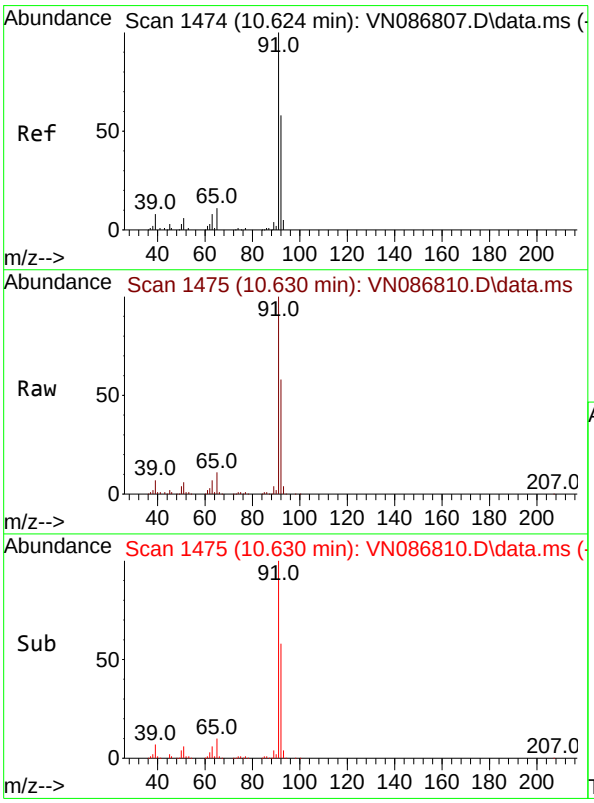
Ion	Ratio	Lower	Upper
164	100		
166	126.0	107.5	161.3
129	97.9	87.4	131.2
131	94.4	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

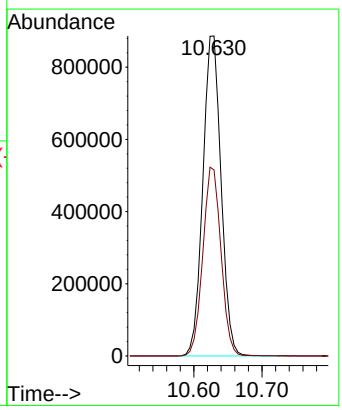
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

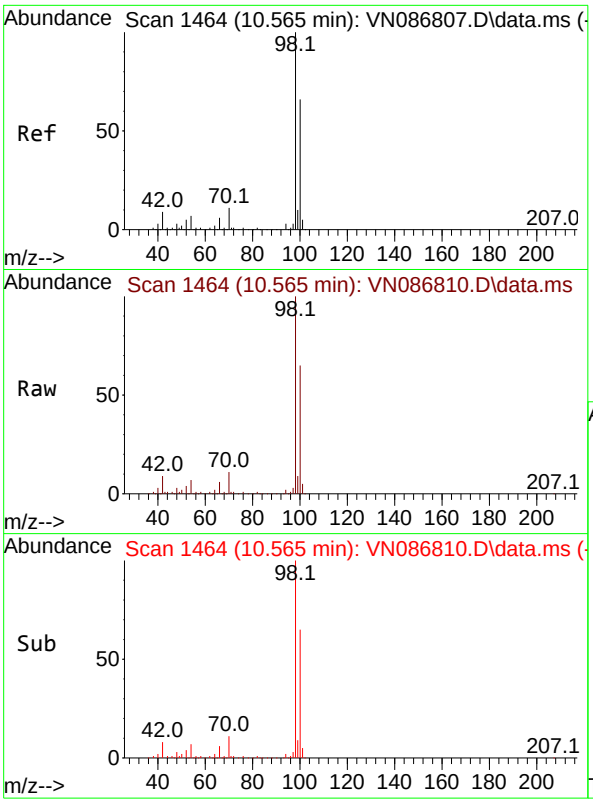


#62
Toluene
Concen: 149.235 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 1648918

Ion	Ratio	Lower	Upper
91	100		
92	58.7	46.6	70.0

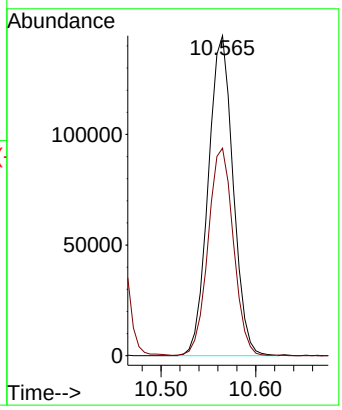




#63
Toluene-d8
Concen: 29.247 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 98 Resp: 26336

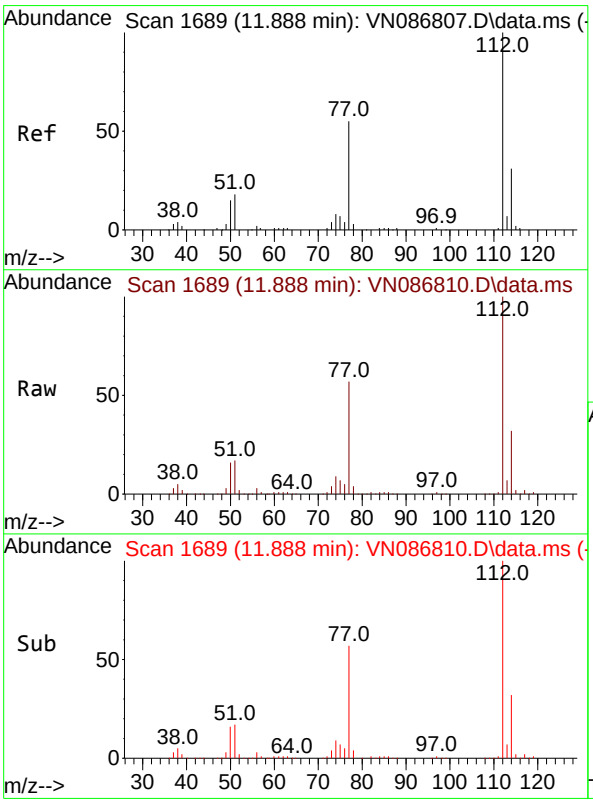
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

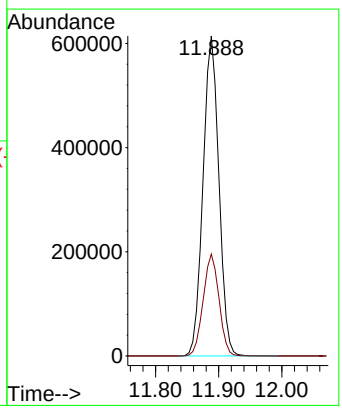
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

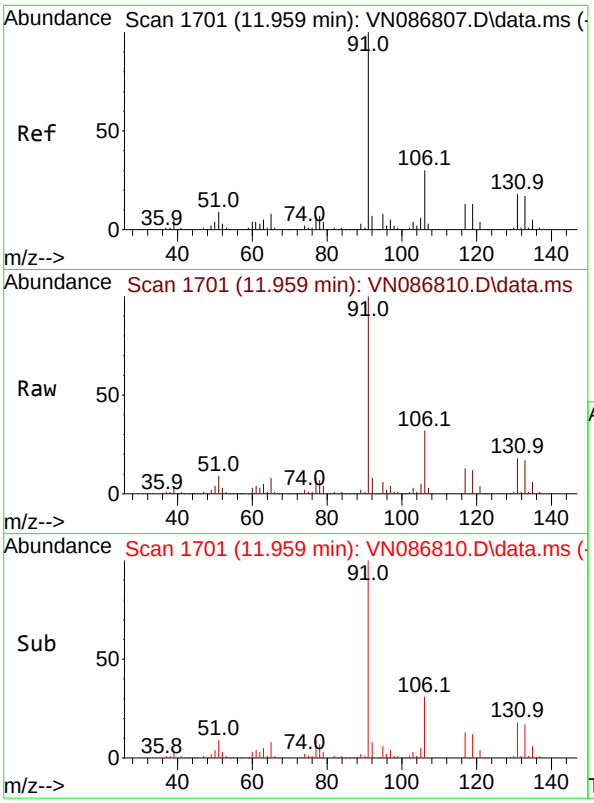


#64
Chlorobenzene
Concen: 151.815 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:112 Resp: 1069756

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

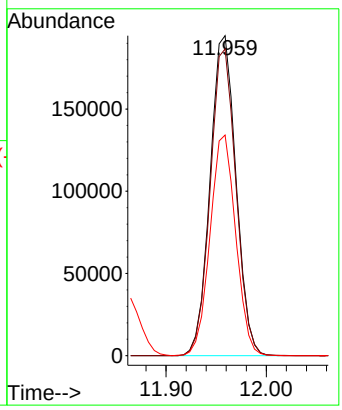




#65
1,1,1,2-Tetrachloroethane
Concen: 151.013 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:131 Resp: 34958

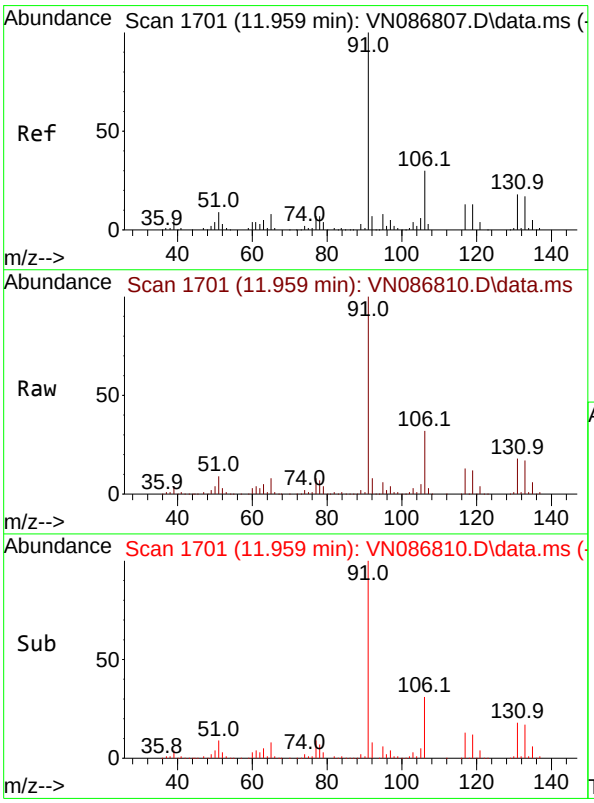
Ion	Ratio	Lower	Upper
131	100		
133	95.4	0.0	191.0
119	68.3	0.0	140.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

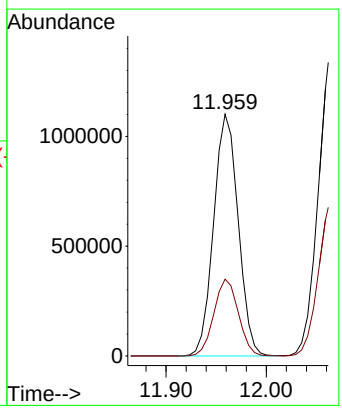
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

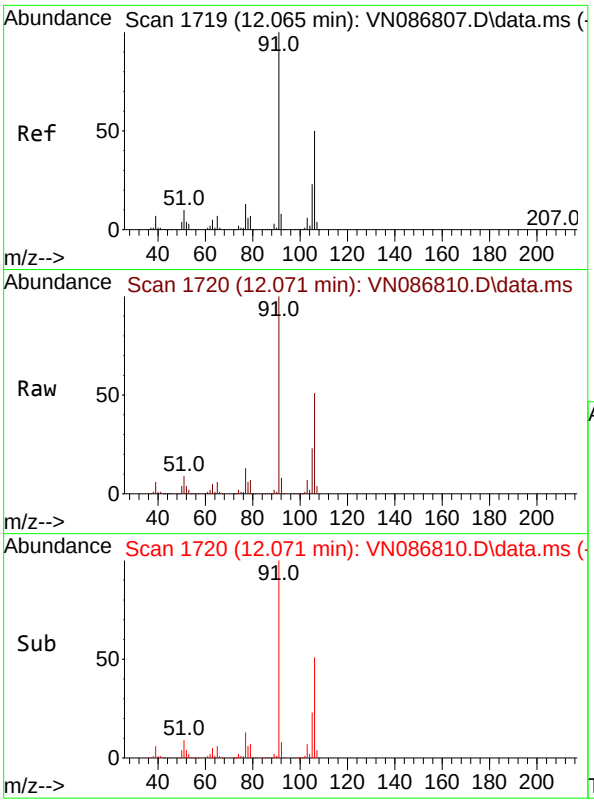


#66
Ethyl Benzene
Concen: 156.442 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 1869658

Ion	Ratio	Lower	Upper
91	100		
106	31.8	23.6	35.4





#67
m/p-Xylenes
Concen: 312.763 ug/l
RT: 12.071 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

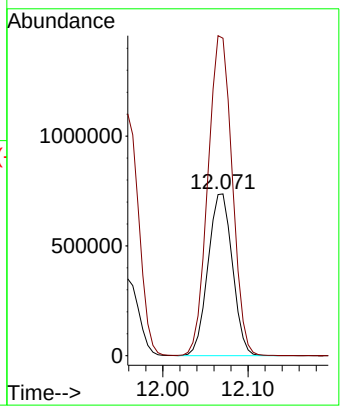
Tgt Ion:106 Resp: 146678

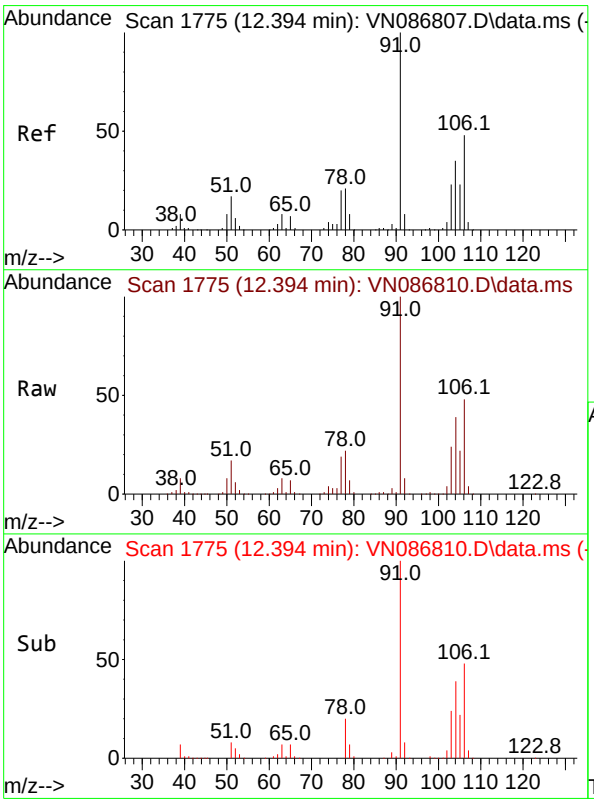
Ion	Ratio	Lower	Upper
106	100		
91	197.1	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

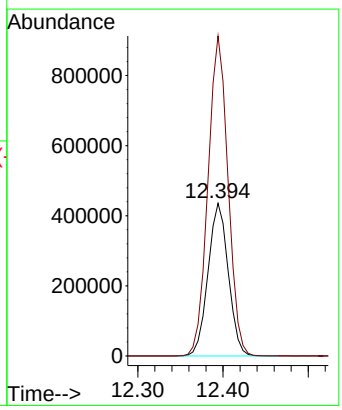


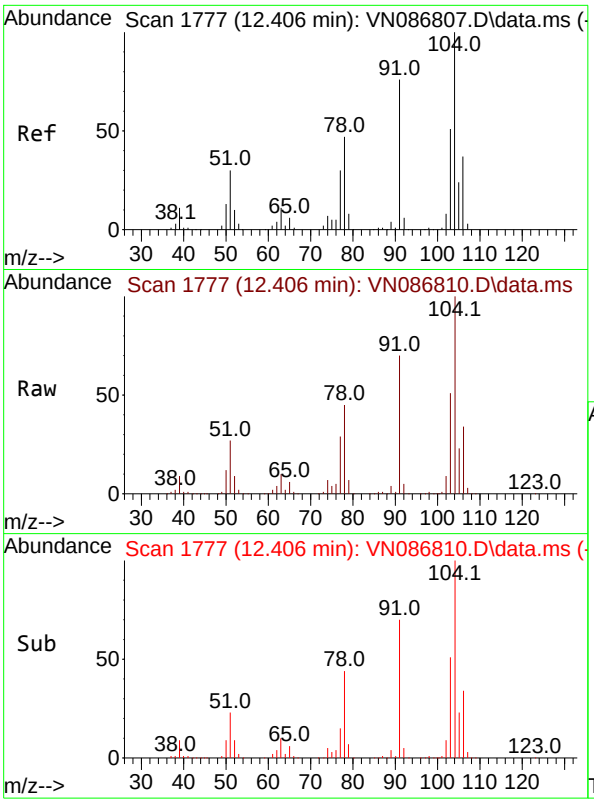


#68
o-Xylene
Concen: 157.947 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:106 Resp: 717874

Ion	Ratio	Lower	Upper
106	100		
91	207.8	106.3	318.9

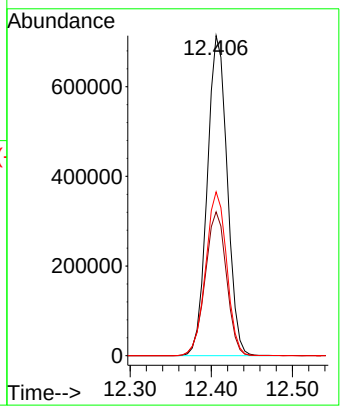




#69
Styrene
Concen: 161.058 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:104 Resp: 121957

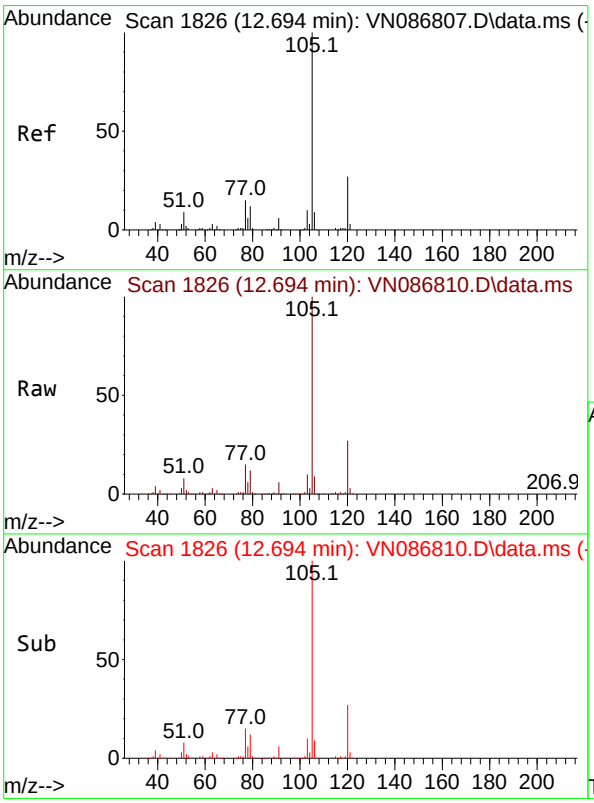
Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.6	57.8
103	53.9	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

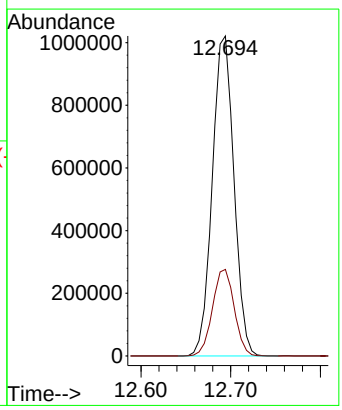
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

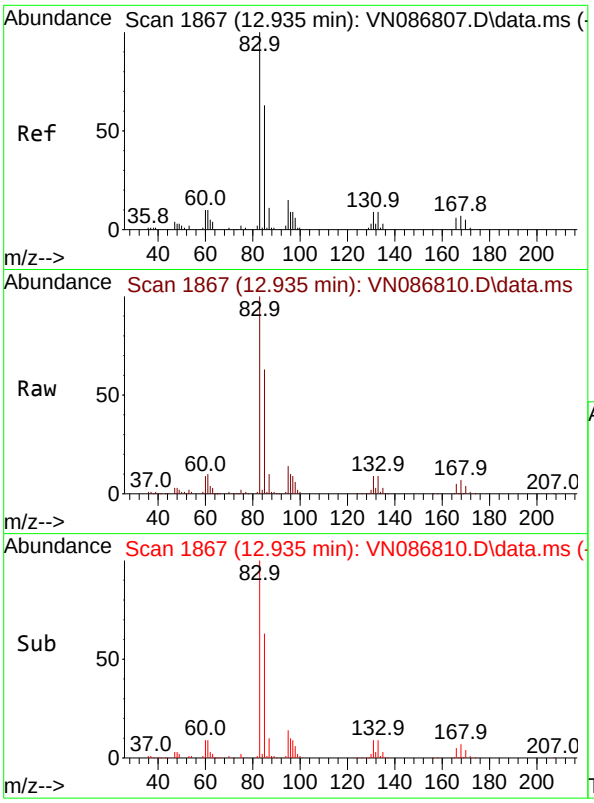


#70
Isopropylbenzene
Concen: 158.500 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:105 Resp: 1713400

Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 152.071 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

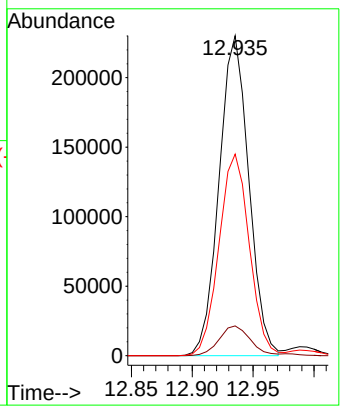
Tgt Ion: 83 Resp: 39084

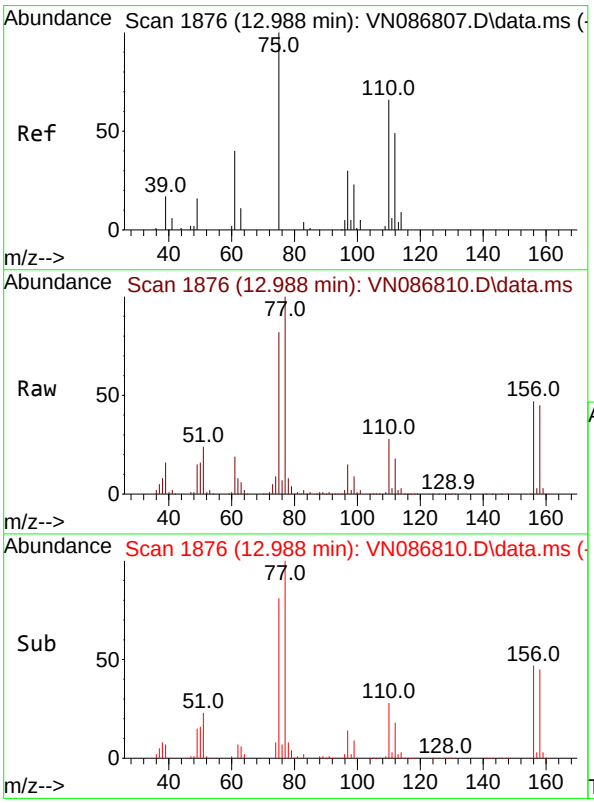
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	15.0
85	64.4	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

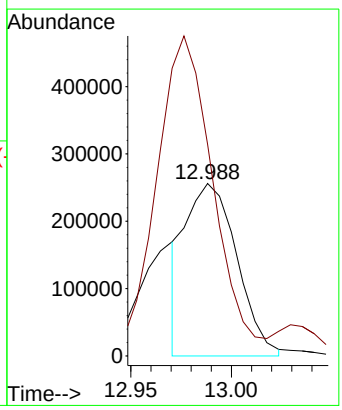


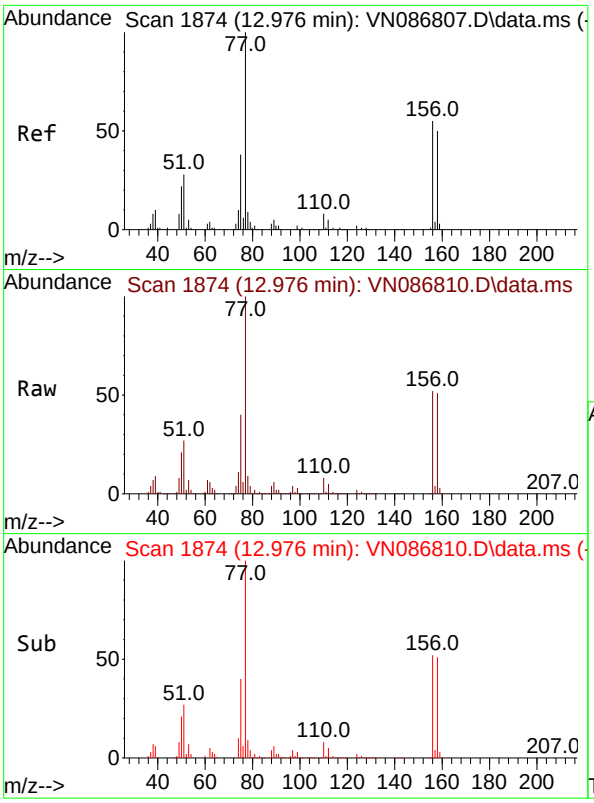


#72
1,2,3-Trichloropropane
Concen: 143.500 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 454375

Ion	Ratio	Lower	Upper
75	100		
77	205.7	0.0	390.6





#73
Bromobenzene
Concen: 158.221 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

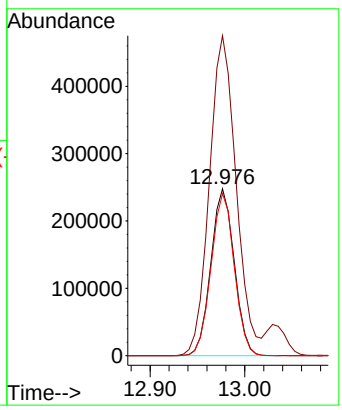
Tgt Ion:156 Resp: 42512

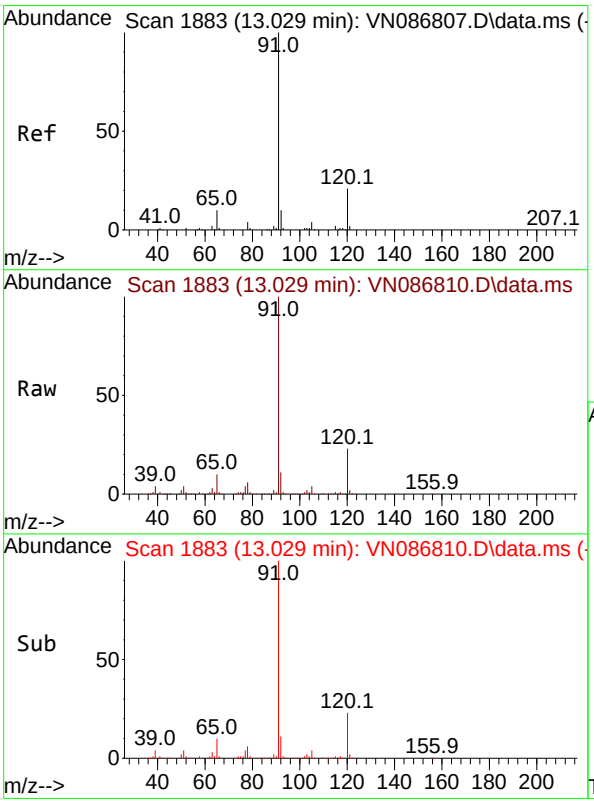
Ion	Ratio	Lower	Upper
156	100		
77	219.8	0.0	442.0
158	96.4	0.0	191.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

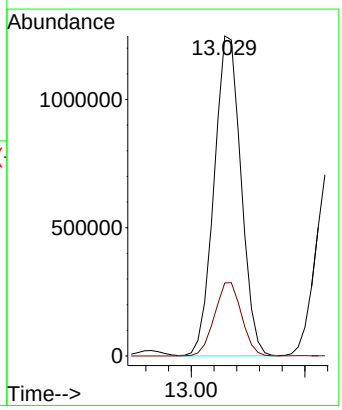


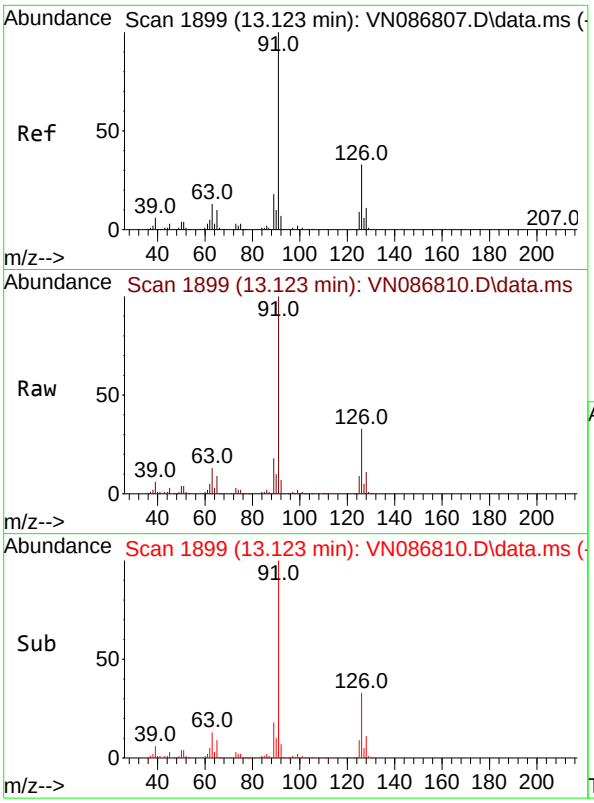


#74
n-propylbenzene
Concen: 160.082 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 2049785

Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	45.6

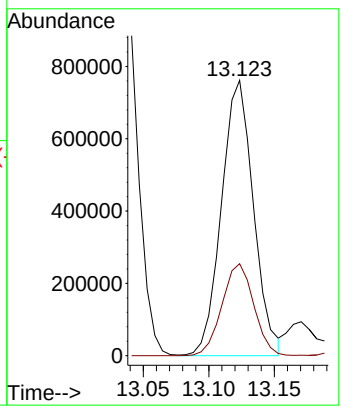




#75
2-Chlorotoluene
Concen: 157.264 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 129250

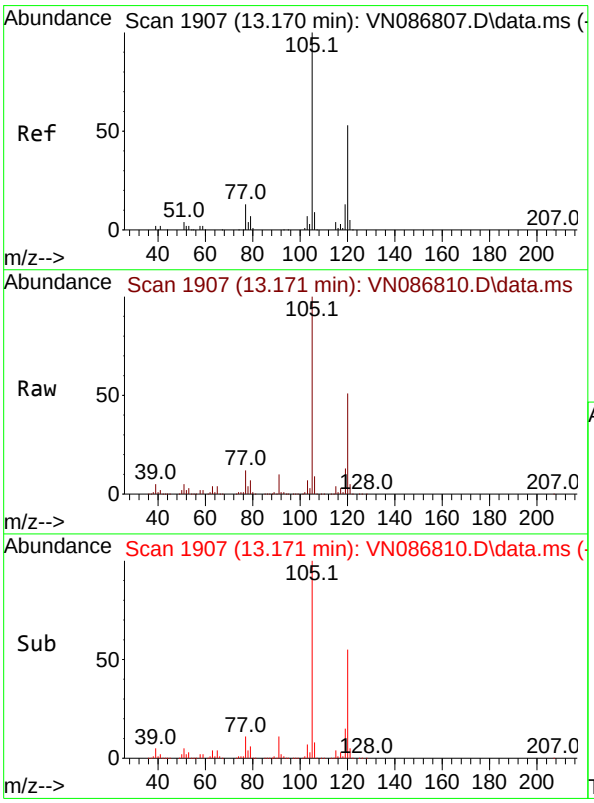
Ion	Ratio	Lower	Upper
91	100		
126	33.2	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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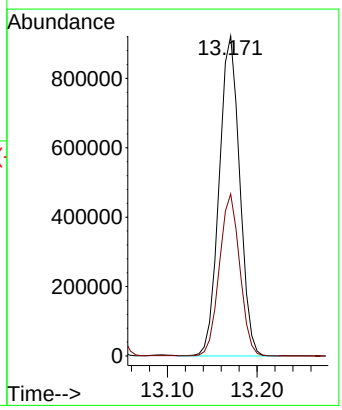
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

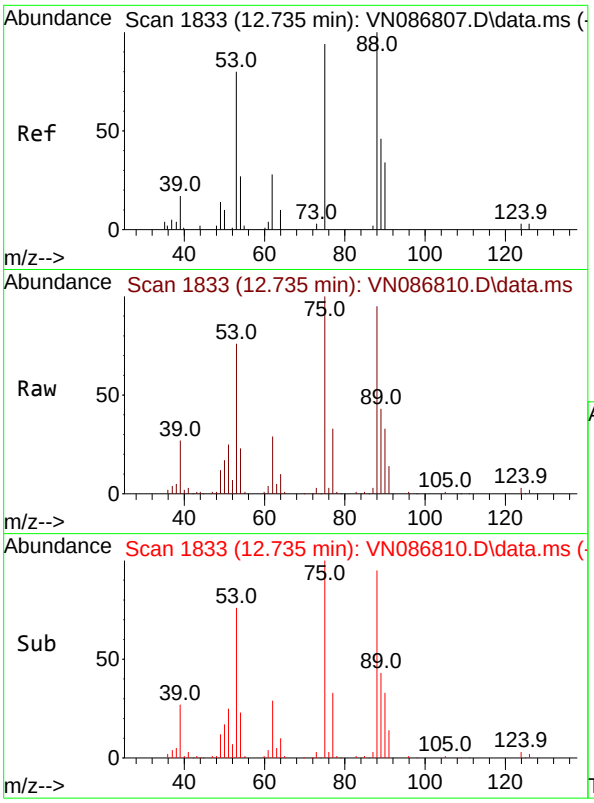


#76
1,3,5-Trimethylbenzene
Concen: 162.846 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:105 Resp: 1464473

Ion	Ratio	Lower	Upper
105	100		
120	50.1	0.0	101.4

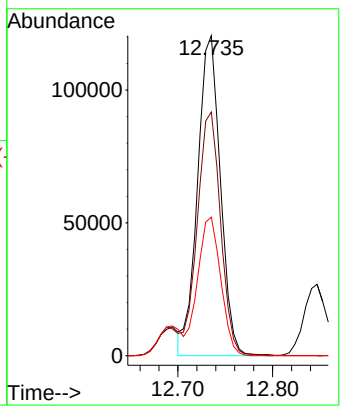




#77
t-1,4-Dichloro-2-butene
Concen: 163.684 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 20177

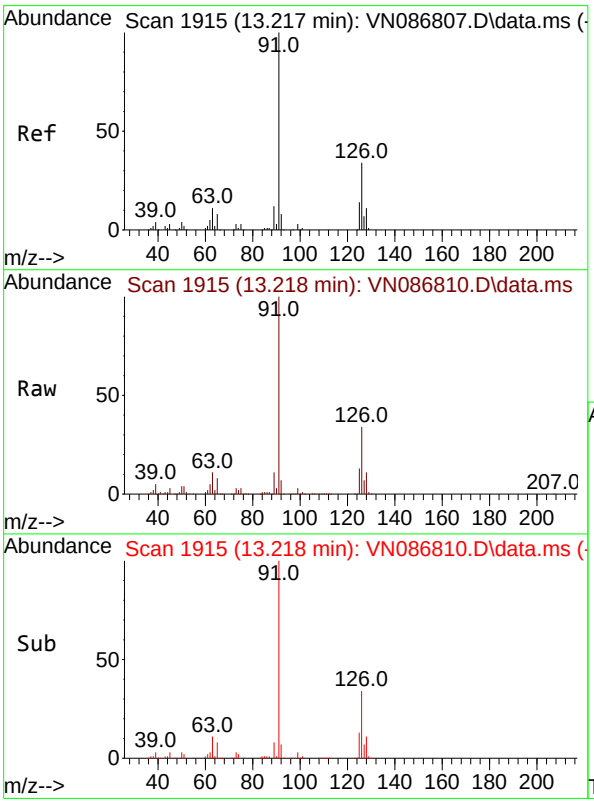
Ion	Ratio	Lower	Upper
75	100		
53	76.0	43.0	128.8
89	43.3	25.4	76.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

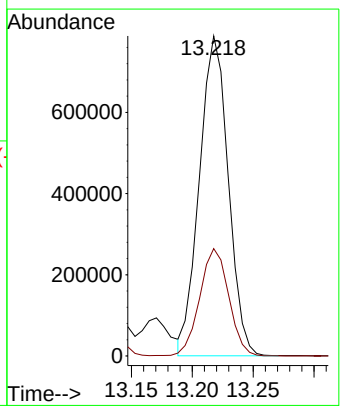
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

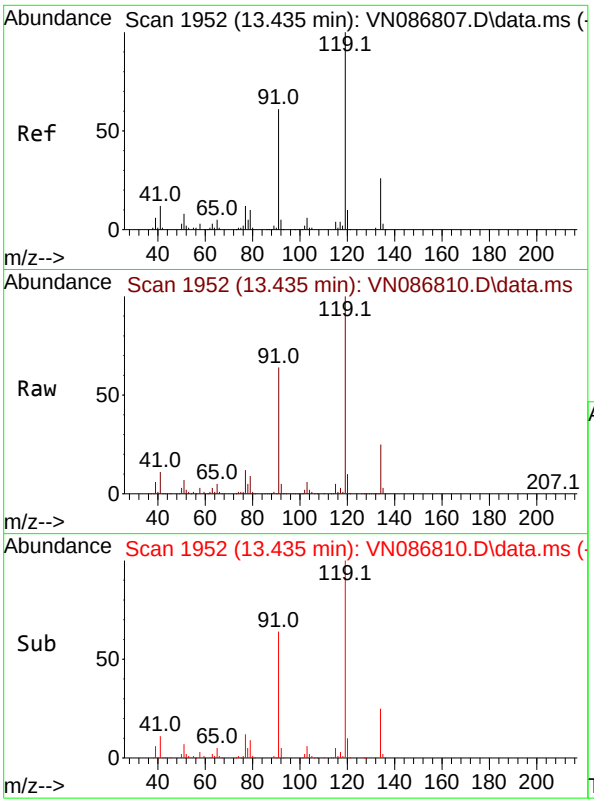


#78
4-Chlorotoluene
Concen: 159.859 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 91 Resp: 1301445

Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	66.6





#79
tert-butylbenzene
Concen: 161.026 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

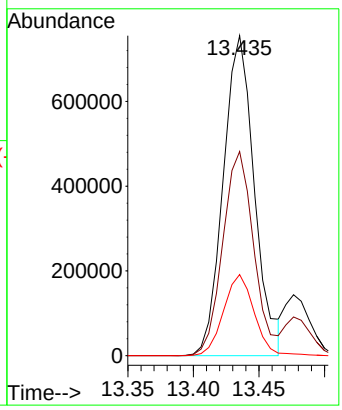
Tgt Ion:119 Resp: 125202

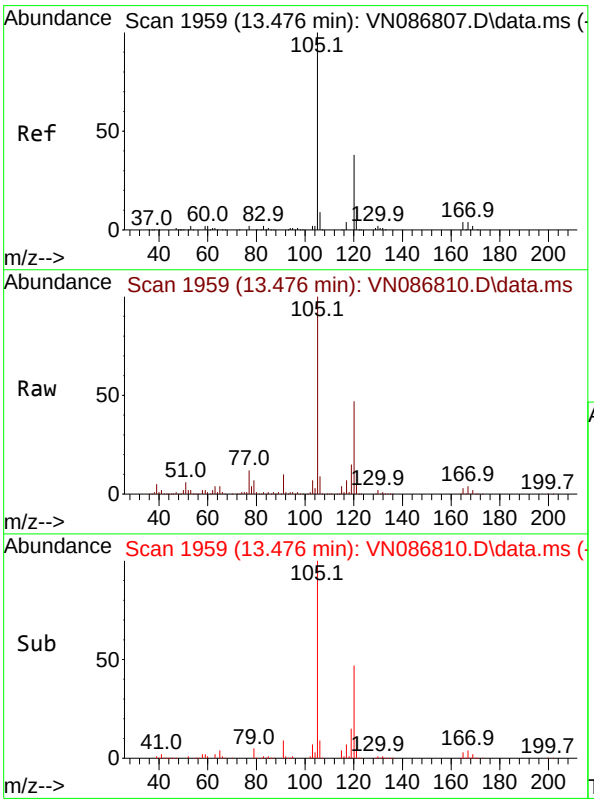
Ion	Ratio	Lower	Upper
119	100		
91	63.6	0.0	130.4
134	24.9	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

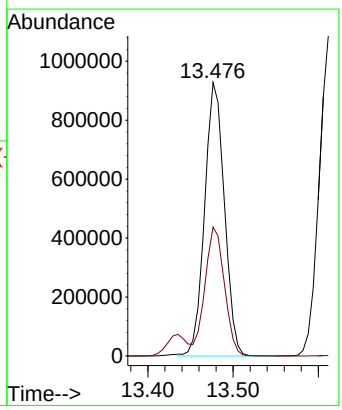


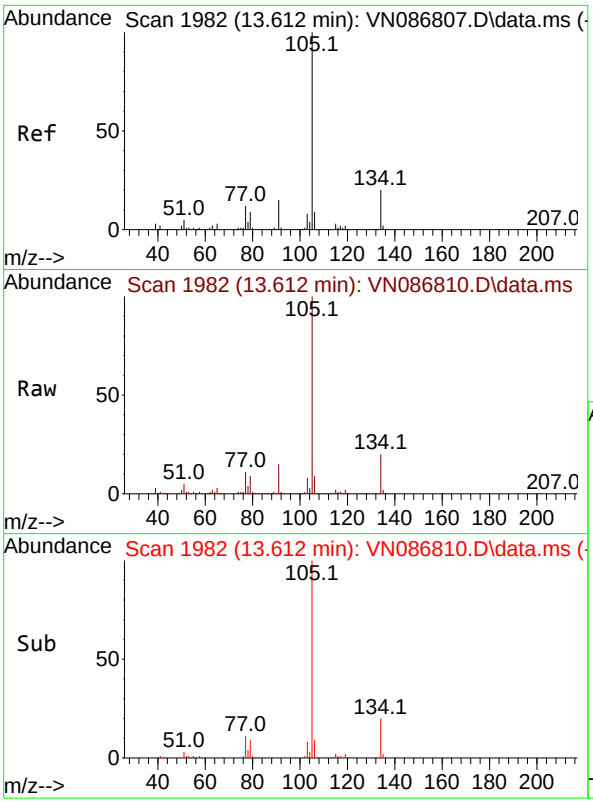


#80
1,2,4-Trimethylbenzene
Concen: 165.201 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:105 Resp: 1491239

Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	92.2





#81
sec-Butylbenzene
Concen: 163.500 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

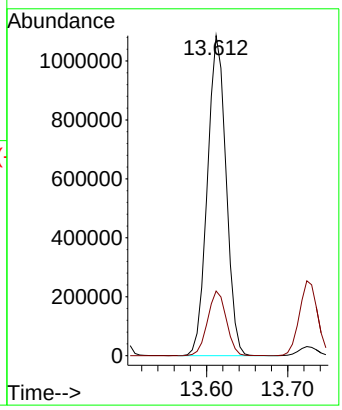
Tgt Ion:105 Resp: 173189

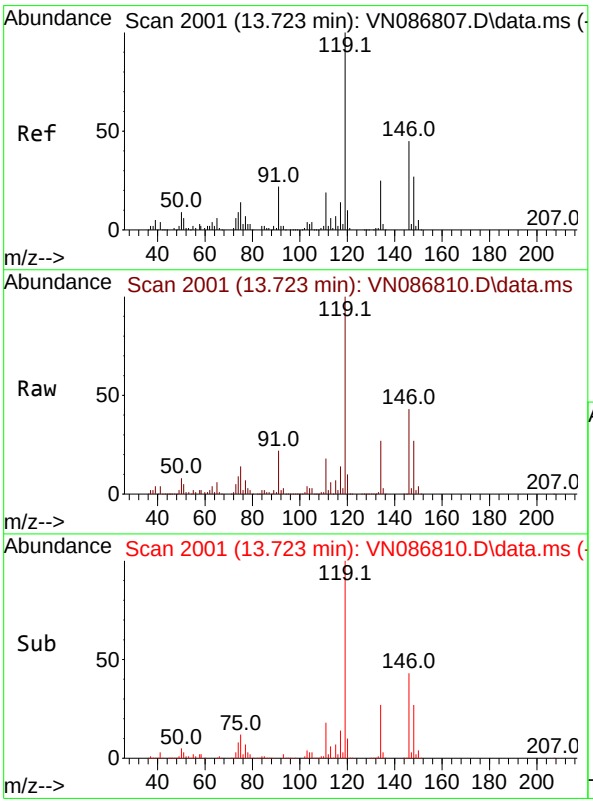
Ion	Ratio	Lower	Upper
105	100		
134	20.2	0.0	40.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

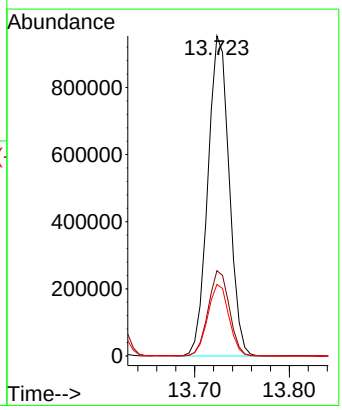


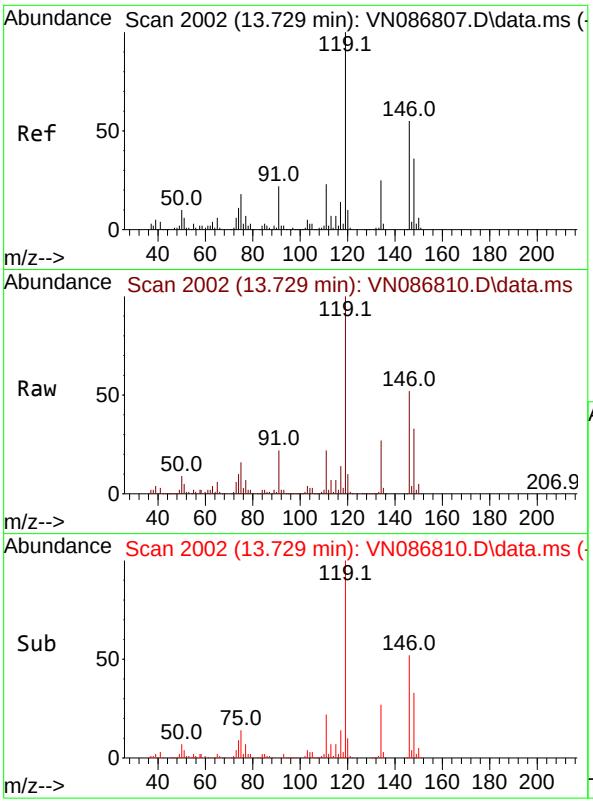


#82
p-Isopropyltoluene
Concen: 167.433 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:119 Resp: 1489210

Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	51.8
91	22.3	0.0	45.2

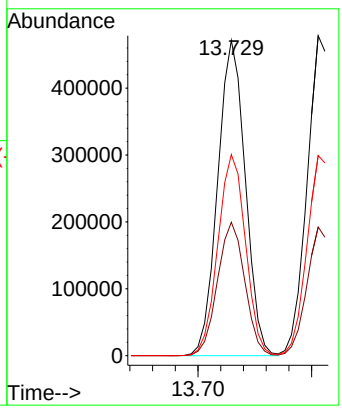




#83
1,3-Dichlorobenzene
Concen: 161.514 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:146 Resp: 79613

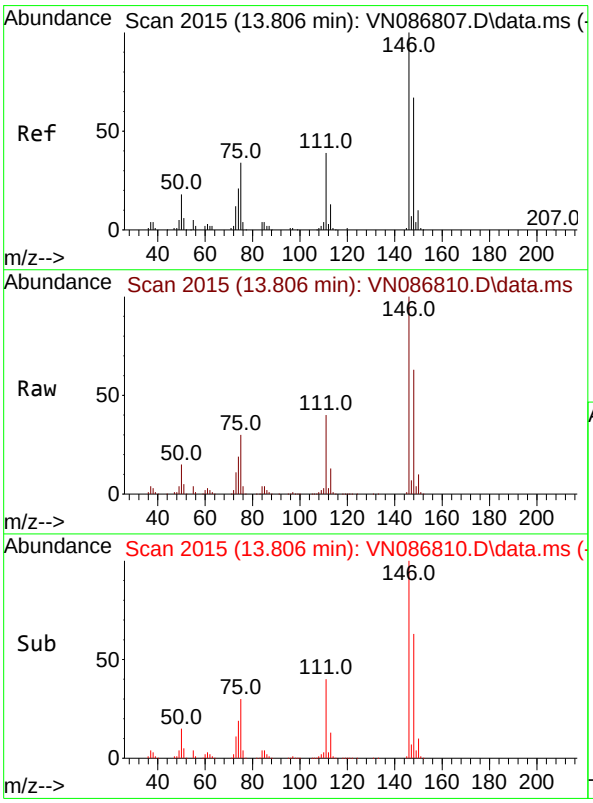
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	64.0	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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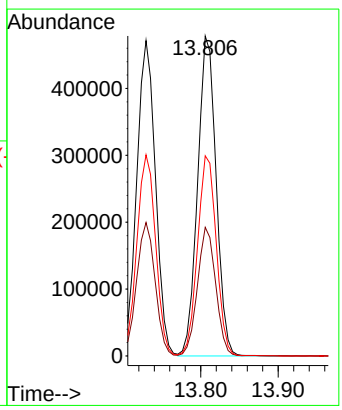
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

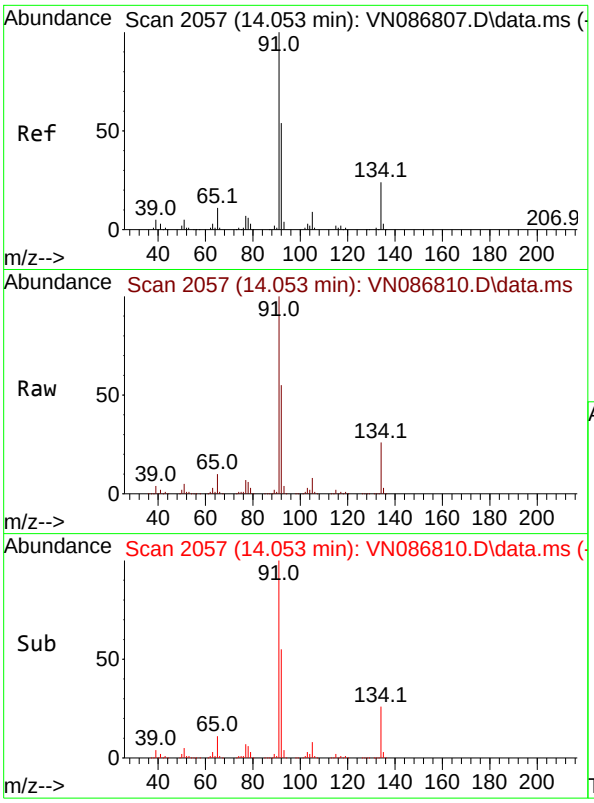


#84
1,4-Dichlorobenzene
Concen: 161.861 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:146 Resp: 793977

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.4	31.9	95.5





#85
n-Butylbenzene
Concen: 170.087 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

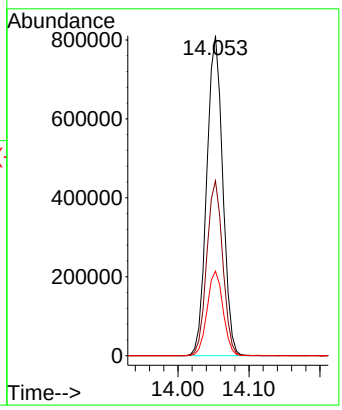
Tgt Ion: 91 Resp: 126650

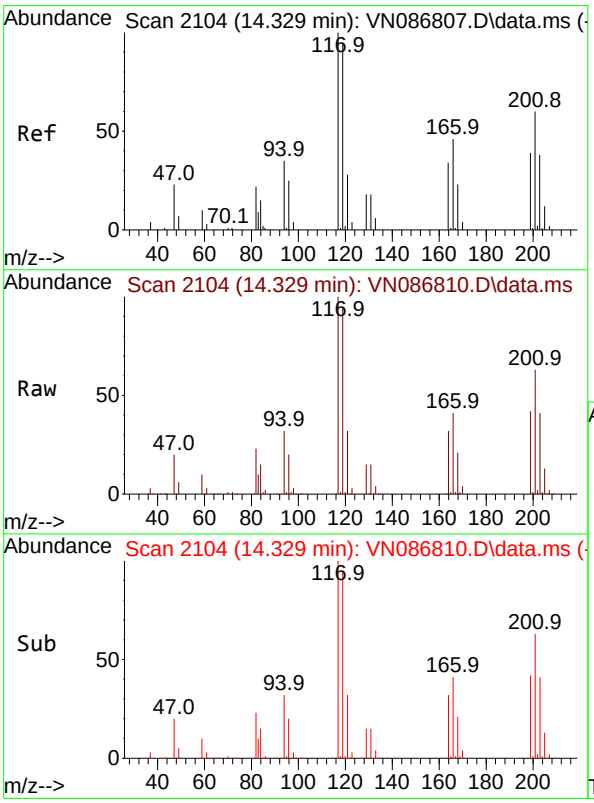
Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	107.6
134	26.3	0.0	50.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

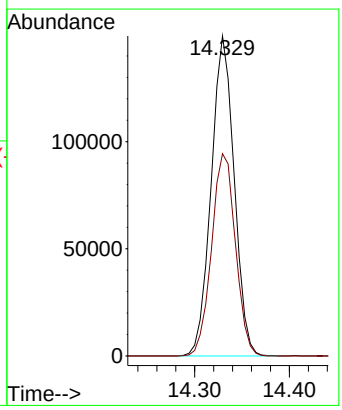


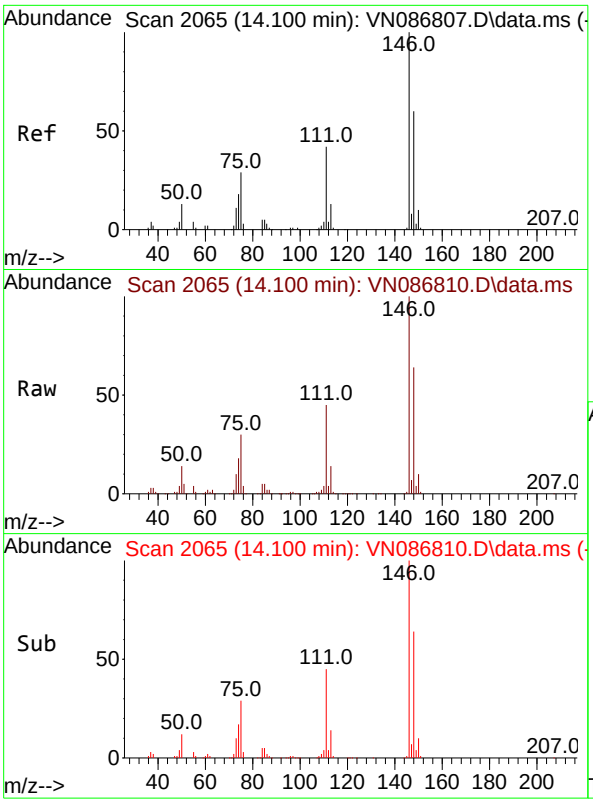


#86
Hexachloroethane
Concen: 165.978 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:117 Resp: 251604

Ion	Ratio	Lower	Upper
117	100		
201	65.6	31.4	94.3

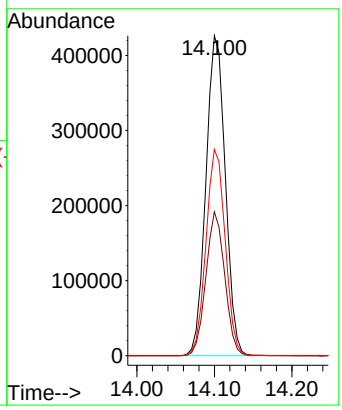




#87
1,2-Dichlorobenzene
Concen: 155.817 ug/l
RT: 14.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:146 Resp: 74089

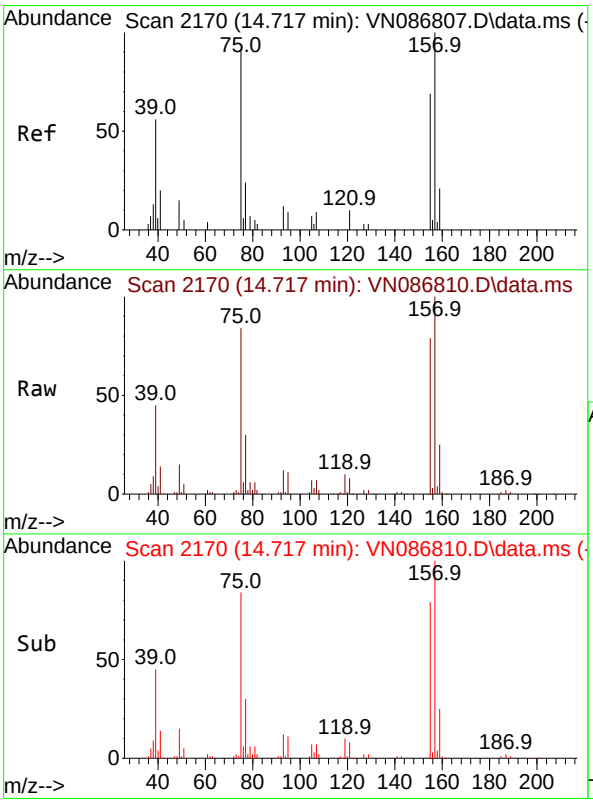
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.8
148	63.9	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
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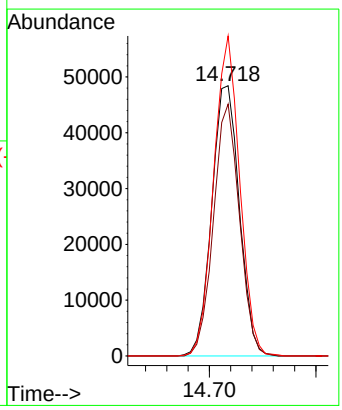
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

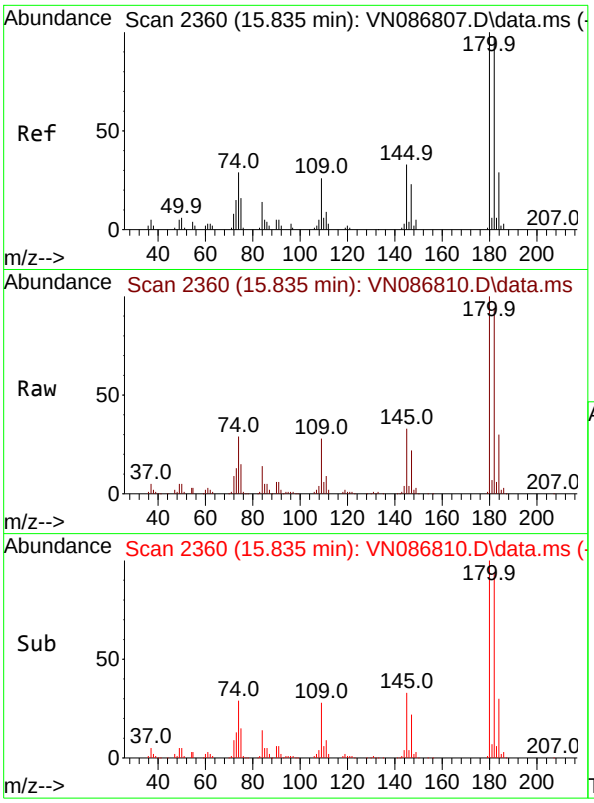


#88
1,2-Dibromo-3-Chloropropane
Concen: 161.122 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion: 75 Resp: 87205

Ion	Ratio	Lower	Upper
75	100		
155	87.4	62.9	94.3
157	111.3	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 169.587 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

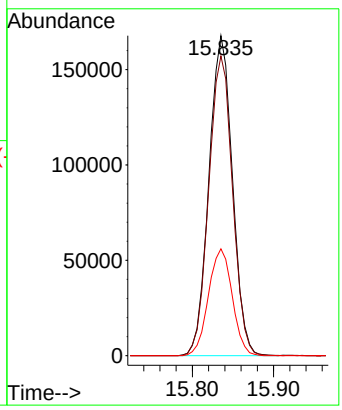
Tgt Ion:180 Resp: 33747

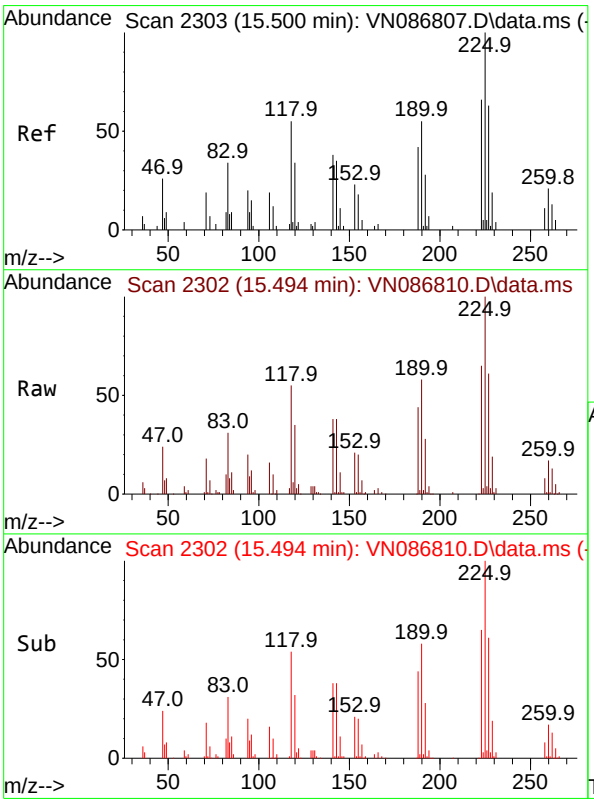
Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.2	117.2
145	33.8	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

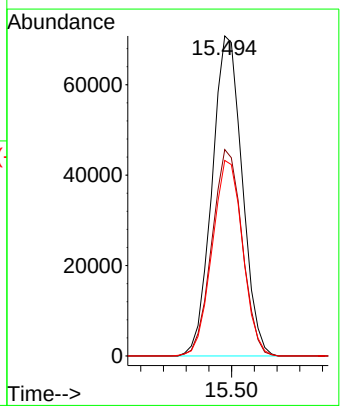


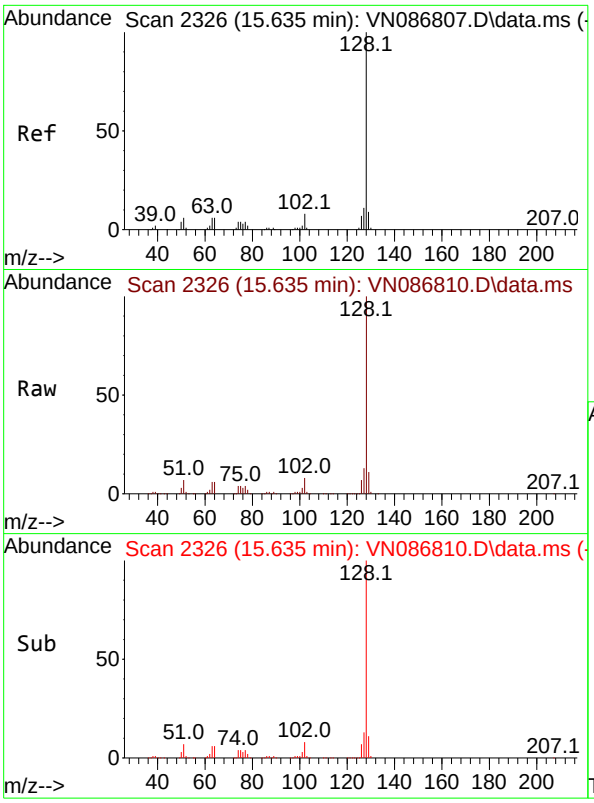


#90
Hexachlorobutadiene
Concen: 152.920 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:225 Resp: 130424

Ion	Ratio	Lower	Upper
225	100		
223	64.7	0.0	135.8
227	61.8	0.0	125.0

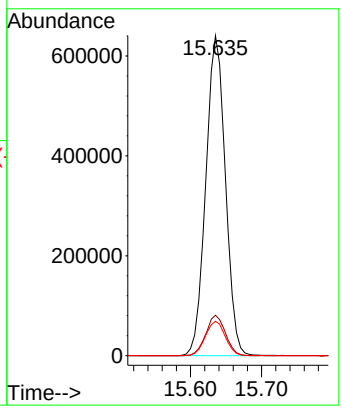




#91
Naphthalene
Concen: 176.928 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:128 Resp: 122842

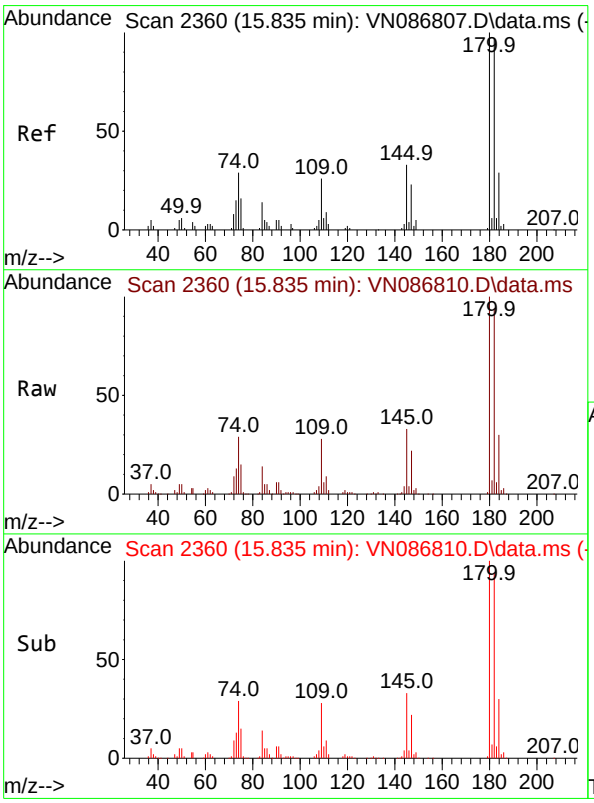
Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.6
129	10.9	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

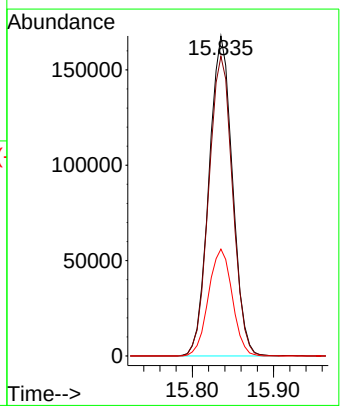
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 169.587 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086810.D
Acq: 29 May 2025 12:32

Tgt Ion:180 Resp: 337470

Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	195.4
145	33.8	0.0	70.0



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	39229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223703	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	197319	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80793	29.975	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.933%			
60) 4-Bromofluorobenzene	12.847	95	92156	29.747	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.167%			
63) Toluene-d8	10.565	98	274925	30.356	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52216	19.598	ug/l	100
3) Chloromethane	2.359	50	64948	18.906	ug/l	98
4) Vinyl Chloride	2.512	62	60309	19.077	ug/l	100
5) Bromomethane	2.965	94	32637	19.484	ug/l	97
6) Chloroethane	3.124	64	35780	18.505	ug/l	98
7) Trichlorofluoromethane	3.506	101	70164	18.950	ug/l	96
8) Diethyl Ether	3.959	74	29654	19.200	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	43379	19.116	ug/l	99
10) 1,1-Dichloroethene	4.342	96	44683	19.314	ug/l	95
11) Methyl Iodide	4.589	142	50913	18.669	ug/l	96
12) Methyl Acetate	5.018	43	46483	18.092	ug/l	94
13) Acrolein	4.177	56	26887	101.300	ug/l	99
14) Acrylonitrile	5.718	53	108321	90.599	ug/l	99
15) Acetone	4.424	58	33756	111.509	ug/l	89
16) Carbon Disulfide	4.712	76	130013	19.252	ug/l	99
17) Allyl chloride	5.024	41	65922	19.181	ug/l	98
18) Methylene Chloride	5.271	84	50544	18.813	ug/l	95
19) trans-1,2-Dichloroethene	5.783	96	46481	19.199	ug/l	85
20) Diisopropyl ether	6.671	45	144697	19.116	ug/l	100
21) 1,1-Dichloroethane	6.565	63	86115	18.851	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	55265	18.849	ug/l	99
23) tert-Butyl Alcohol	5.512	59	35103	91.427	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	145689	19.108	ug/l	98
25) Chloroform	7.965	83	83771	18.736	ug/l	98
26) Cyclohexane	8.259	56	74454	18.832	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	61901	18.820	ug/l	100
30) 2-Butanone	7.483	43	139014	96.463	ug/l	98
31) 2,2-Dichloropropane	7.488	77	74345	19.149	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72748	19.080	ug/l	98
33) Carbon Tetrachloride	8.359	117	61019	18.722	ug/l	95
34) Benzene	8.600	78	203797	19.043	ug/l	98
35) Methacrylonitrile	7.777	41	31328	18.924	ug/l	97
36) 1,2-Dichloroethane	8.665	62	59147	18.861	ug/l	100
37) Trichloroethene	9.347	130	54111	18.229	ug/l	96
38) Methylcyclohexane	9.600	83	71039	19.466	ug/l	98
39) 1,2-Dichloropropane	9.618	63	47976	18.621	ug/l	97
40) Dibromomethane	9.706	93	32186	19.100	ug/l	99
41) Bromodichloromethane	9.882	83	64799	18.370	ug/l	99
42) Vinyl Acetate	6.600	43	411482	97.955	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	53372m	18.099	ug/l	
44) Isopropyl Acetate	8.682	43	94672	18.715	ug/l	99
45) 1,4-Dioxane	9.694	88	16063	357.261	ug/l	99
46) Methyl methacrylate	9.677	41	43072	18.466	ug/l	97
47) n-amyl Acetate	12.488	43	74476	18.339	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	71129	18.844	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	77974	18.781	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	44885	18.912	ug/l	98
51) Ethyl methacrylate	10.871	69	71146	18.509	ug/l	95
52) 1,3-Dichloropropane	11.159	76	78678	18.680	ug/l	99
53) Dibromochloromethane	11.359	129	48703	18.159	ug/l	99
54) 1,2-Dibromoethane	11.465	107	44297	18.259	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	167424	90.742	ug/l	100
56) Bromoform	12.576	173	30533	18.068	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	275494	95.151	ug/l	99
59) 2-Hexanone	11.194	43	200674	96.760	ug/l	100
61) Tetrachloroethene	11.100	164	63359	19.102	ug/l	93
62) Toluene	10.629	91	215673	19.407	ug/l	100
64) Chlorobenzene	11.888	112	135267	19.086	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	43620	18.735	ug/l	99
66) Ethyl Benzene	11.959	91	226179	18.817	ug/l	97
67) m/p-Xylenes	12.070	106	180739	38.318	ug/l	98
68) o-Xylene	12.394	106	86496	18.922	ug/l	98
69) Styrene	12.406	104	141215	18.542	ug/l	99
70) Isopropylbenzene	12.694	105	207175	19.055	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	50479	19.528	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	48037m	15.856	ug/l	
73) Bromobenzene	12.976	156	50227	18.586	ug/l	98
74) n-propylbenzene	13.035	91	242286	18.813	ug/l	100
75) 2-Chlorotoluene	13.123	91	154366	18.675	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	171325	18.942	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21596	17.419	ug/l	95
78) 4-Chlorotoluene	13.217	91	155978	19.049	ug/l	99
79) tert-butylbenzene	13.435	119	145783	18.642	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	170675	18.799	ug/l	99
81) sec-Butylbenzene	13.612	105	202713	19.027	ug/l	100
82) p-Isopropyltoluene	13.723	119	167950	18.774	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	94570	19.076	ug/l	96
84) 1,4-Dichlorobenzene	13.806	146	91755	18.598	ug/l	98
85) n-Butylbenzene	14.053	91	138182	18.451	ug/l	99
86) Hexachloroethane	14.329	117	27843	18.262	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	91269	19.085	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9928	18.238	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	38298	19.135	ug/l	96
90) Hexachlorobutadiene	15.494	225	17847	20.805	ug/l	97
91) Naphthalene	15.635	128	127910	18.317	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38298	19.135	ug/l	96

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

ICAL Form

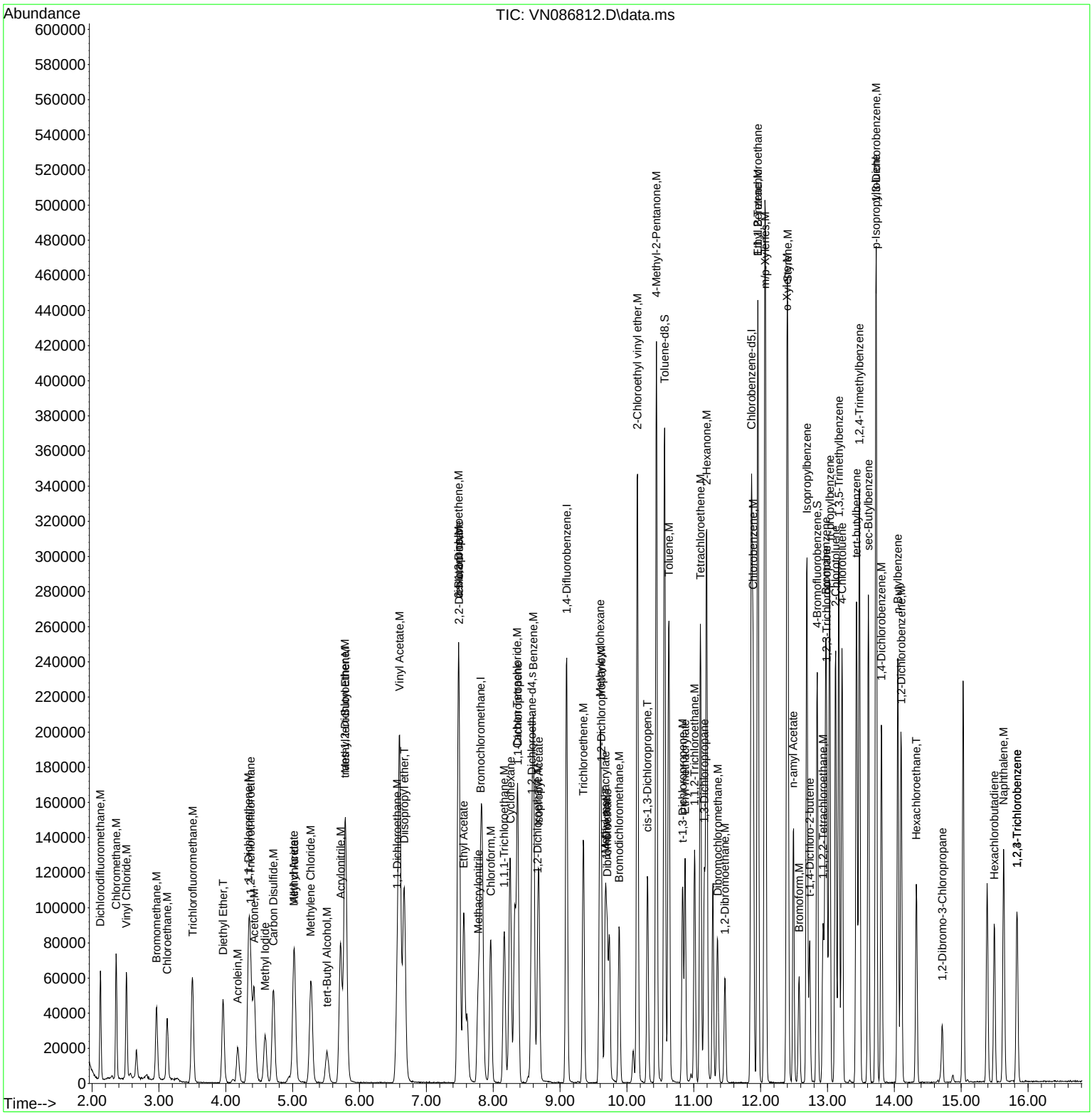
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Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

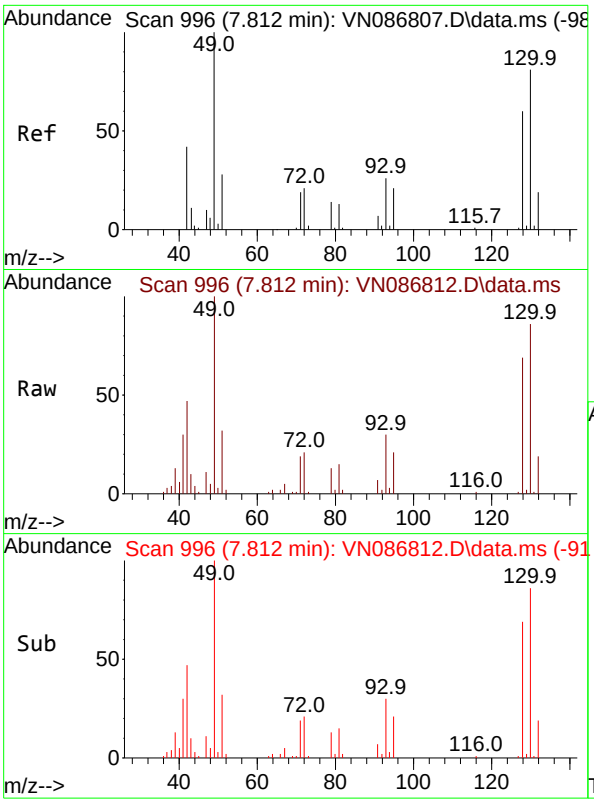
Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

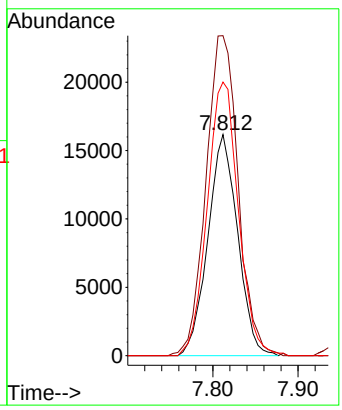




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:128 Resp: 3922

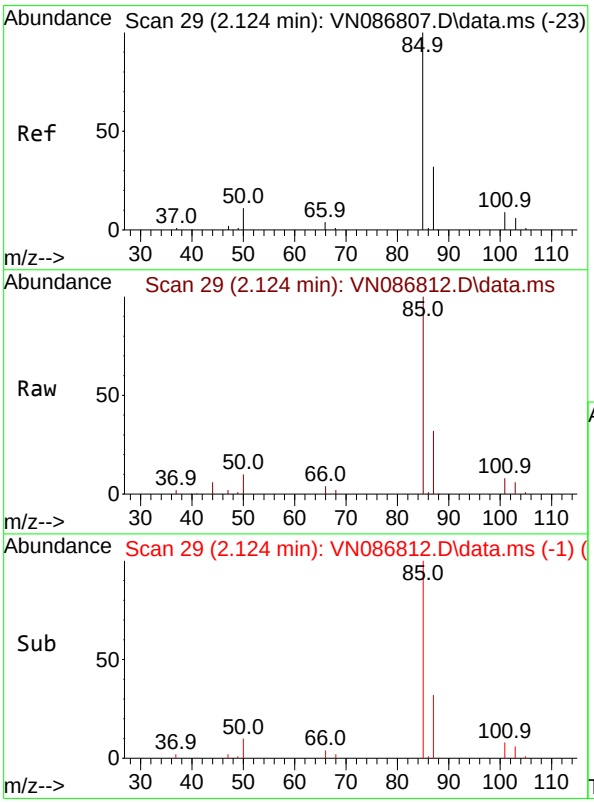
Ion	Ratio	Lower	Upper
128	100		
49	156.5	0.0	404.5
130	129.9	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

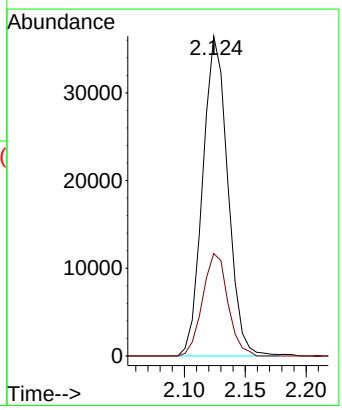
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

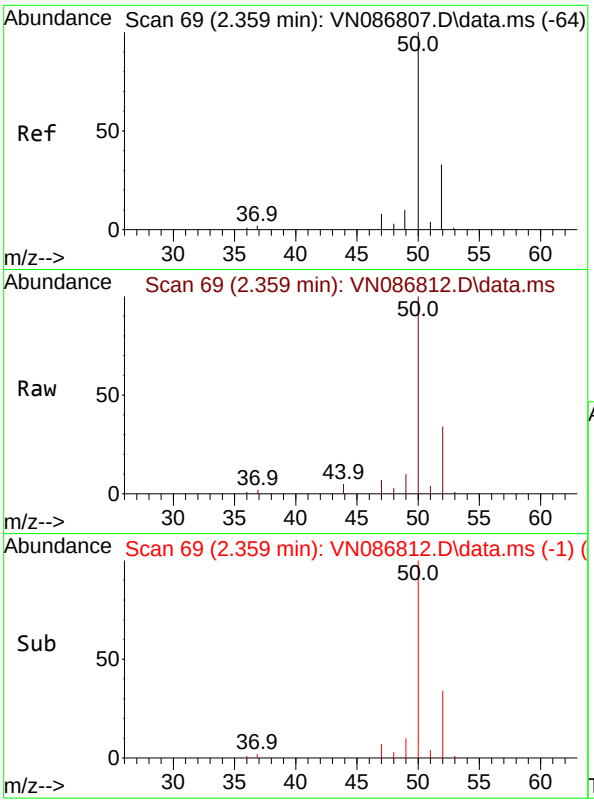


#2
Dichlorodifluoromethane
Concen: 19.598 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 85 Resp: 52216

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.9	47.7

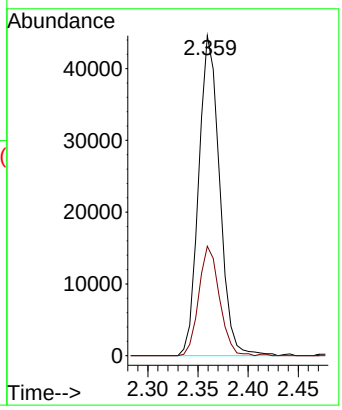




#3
Chloromethane
Concen: 18.906 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 50 Resp: 6494

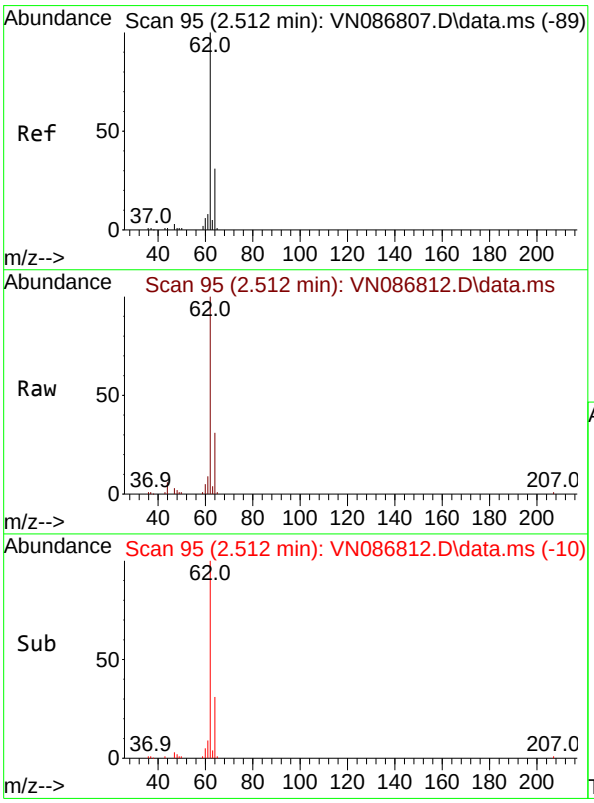
Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

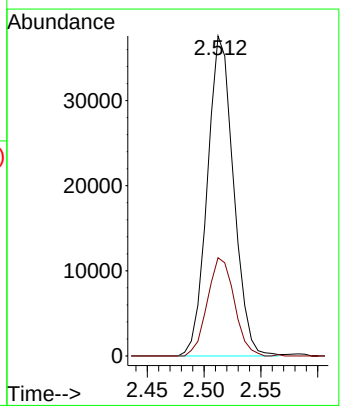
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

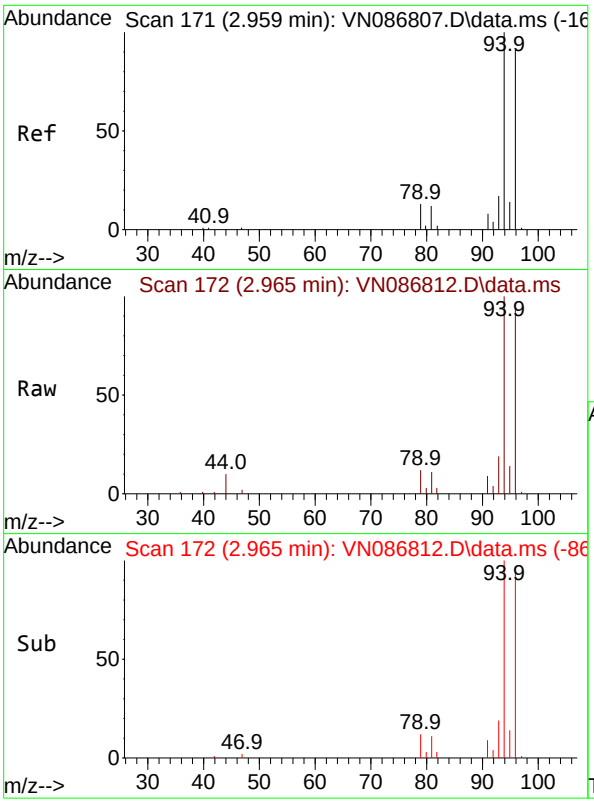


#4
Vinyl Chloride
Concen: 19.077 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 62 Resp: 60309

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.6	36.8





#5
Bromomethane
Concen: 19.484 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

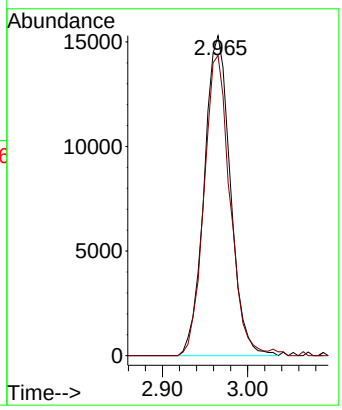
Tgt Ion: 94 Resp: 3263

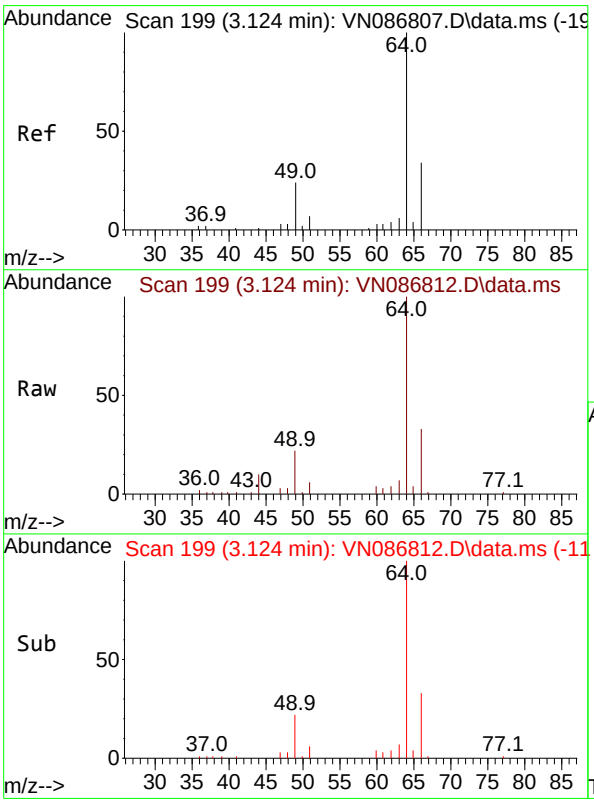
Ion	Ratio	Lower	Upper
94	100		
96	93.8	72.7	109.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

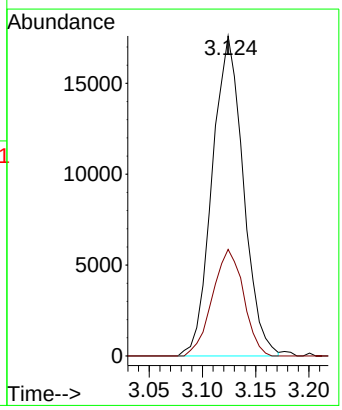


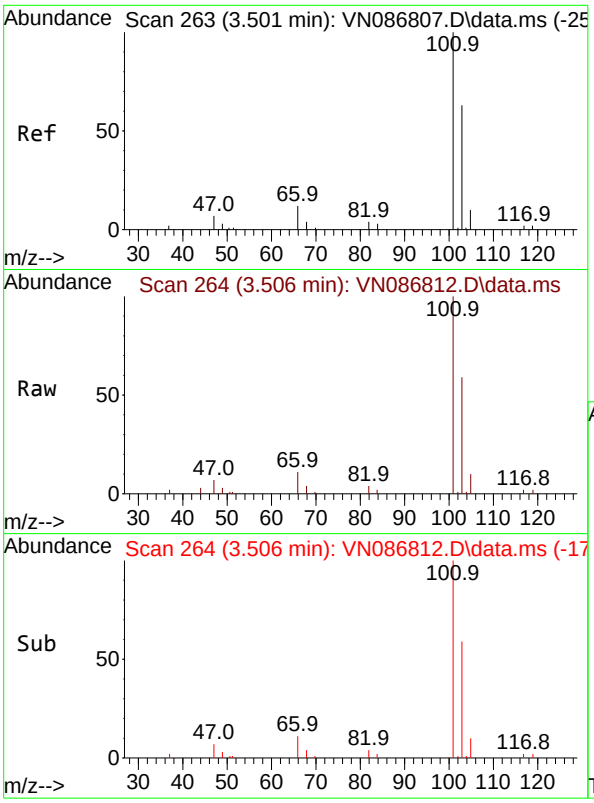


#6
Chloroethane
Concen: 18.505 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 64 Resp: 35780

Ion	Ratio	Lower	Upper
64	100		
66	33.3	27.5	41.3

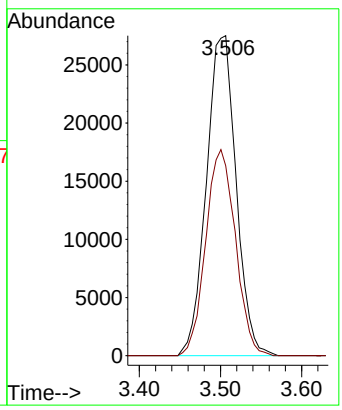




#7
Trichlorofluoromethane
Concen: 18.950 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:101 Resp: 7016

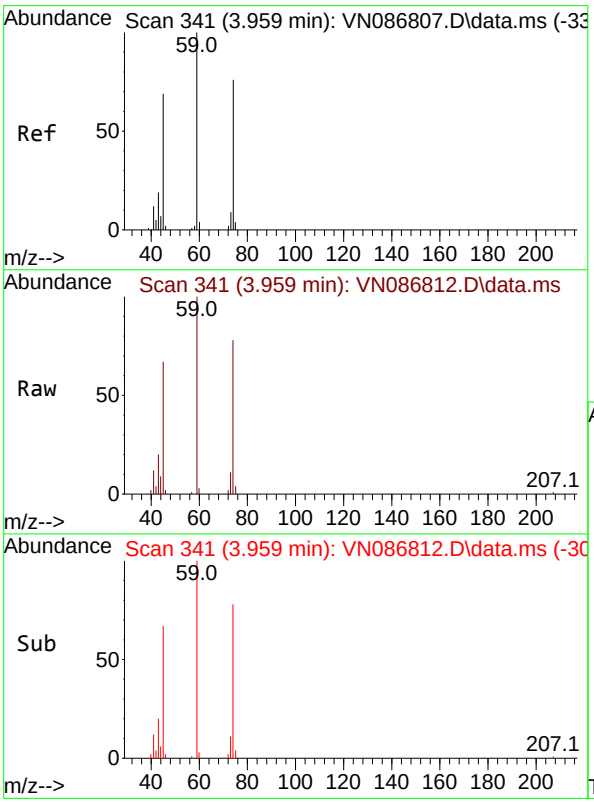
Ion	Ratio	Lower	Upper
101	100		
103	59.4	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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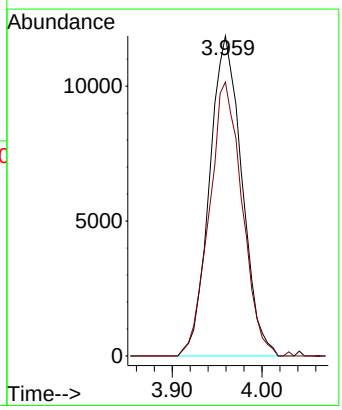
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

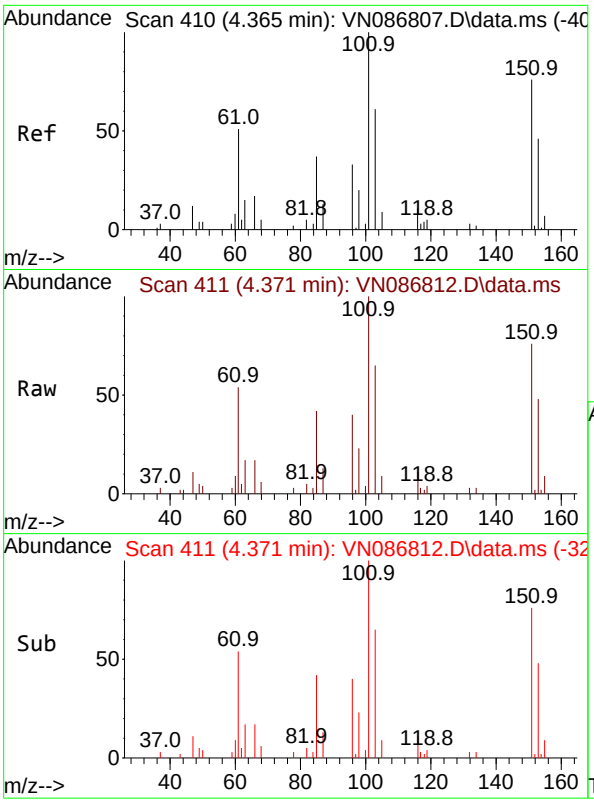


#8
Diethyl Ether
Concen: 19.200 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 74 Resp: 29654

Ion	Ratio	Lower	Upper
74	100		
45	86.9	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.116 ug/l
RT: 4.371 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

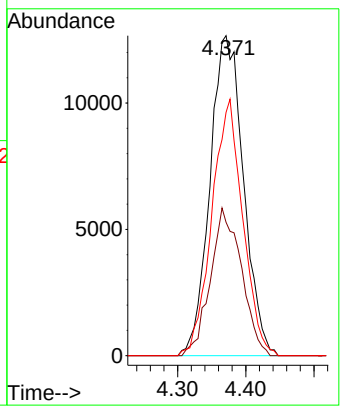
Tgt Ion:101 Resp: 4337

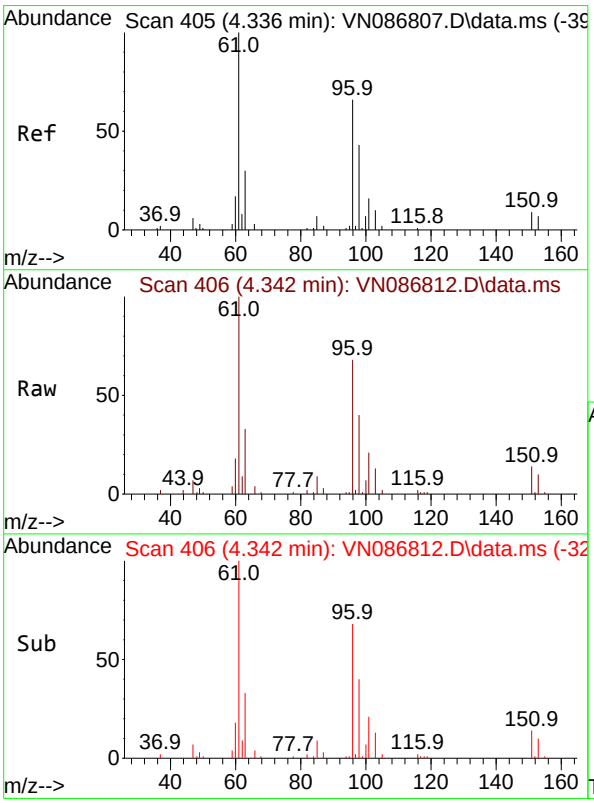
Ion	Ratio	Lower	Upper
101	100		
85	42.8	0.0	83.2
151	73.5	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

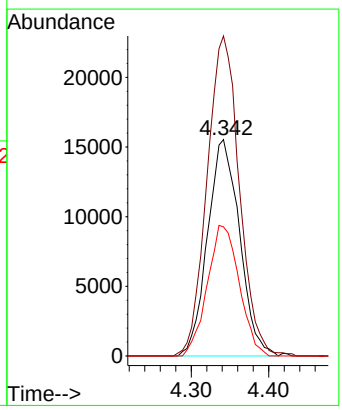


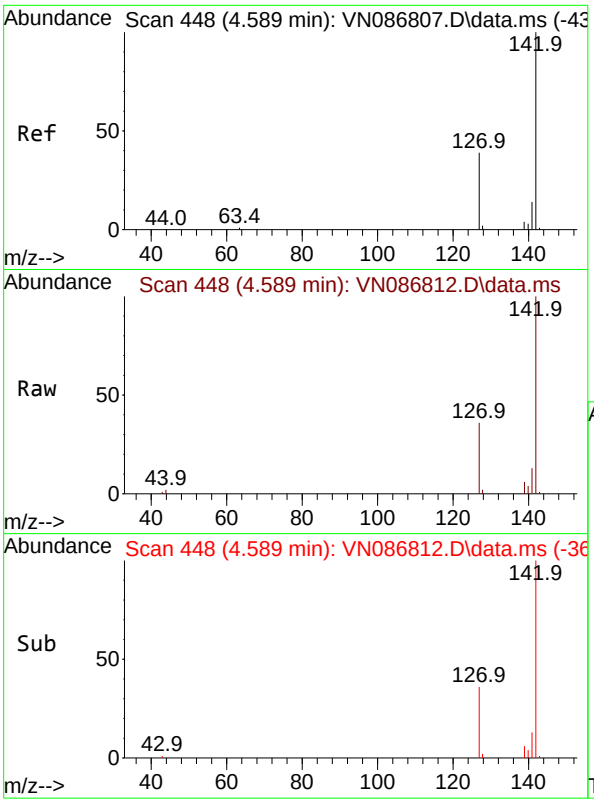


#10
1,1-Dichloroethene
Concen: 19.314 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 96 Resp: 44683

Ion	Ratio	Lower	Upper
96	100		
61	146.6	121.7	182.5
98	59.7	51.9	77.9

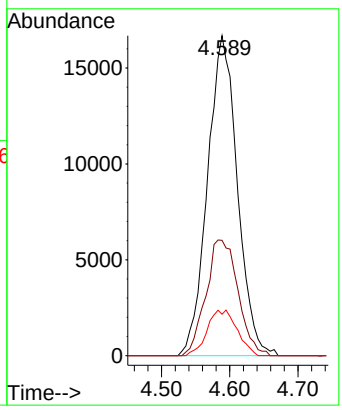




#11
Methyl Iodide
Concen: 18.669 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:142 Resp: 5091

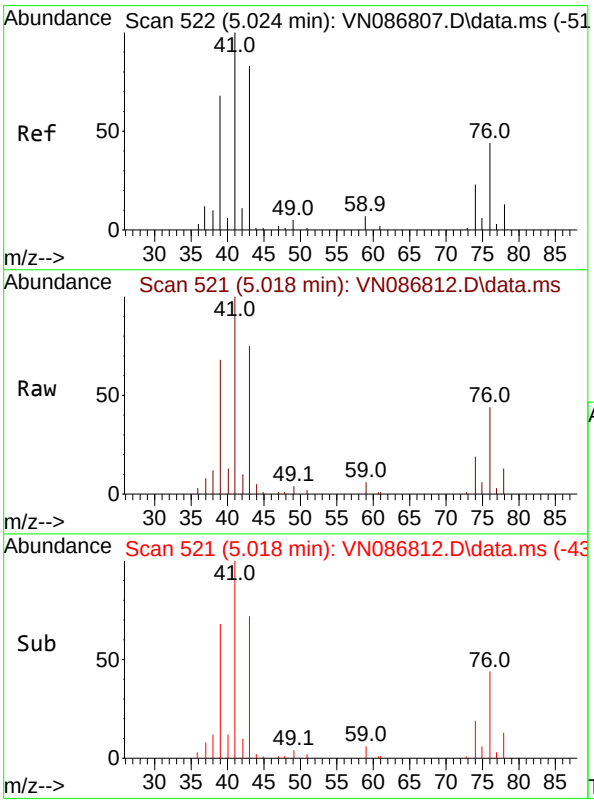
Ion	Ratio	Lower	Upper
142	100		
127	36.0	19.5	58.5
141	12.9	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

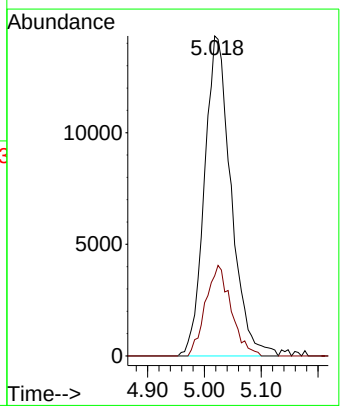
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

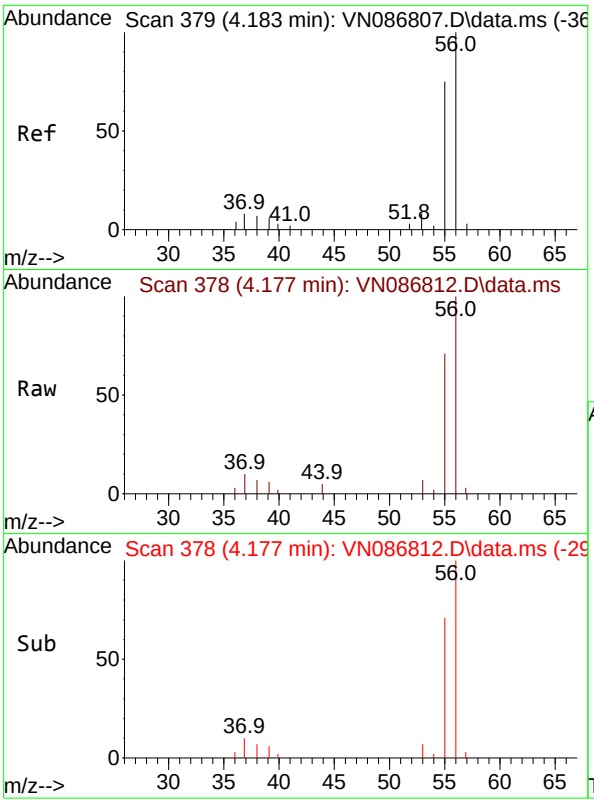


#12
Methyl Acetate
Concen: 18.092 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 46483

Ion	Ratio	Lower	Upper
43	100		
74	25.0	22.7	34.1

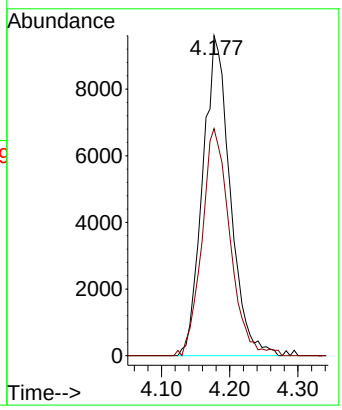




#13
Acrolein
Concen: 101.300 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 56 Resp: 2688

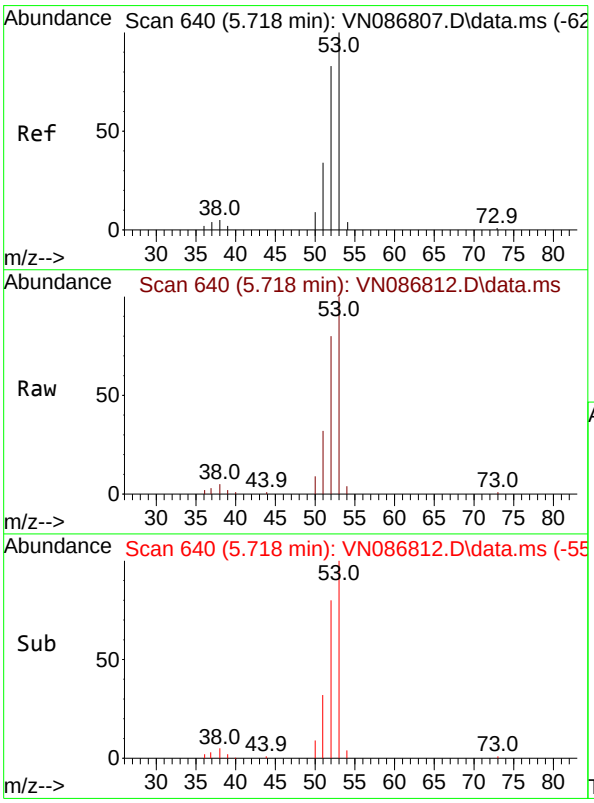
Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

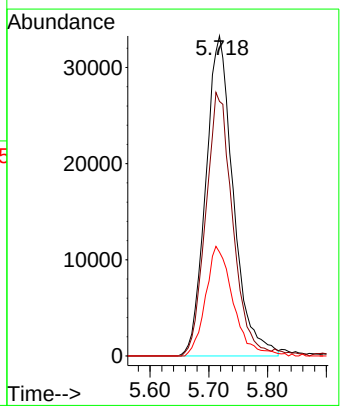
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

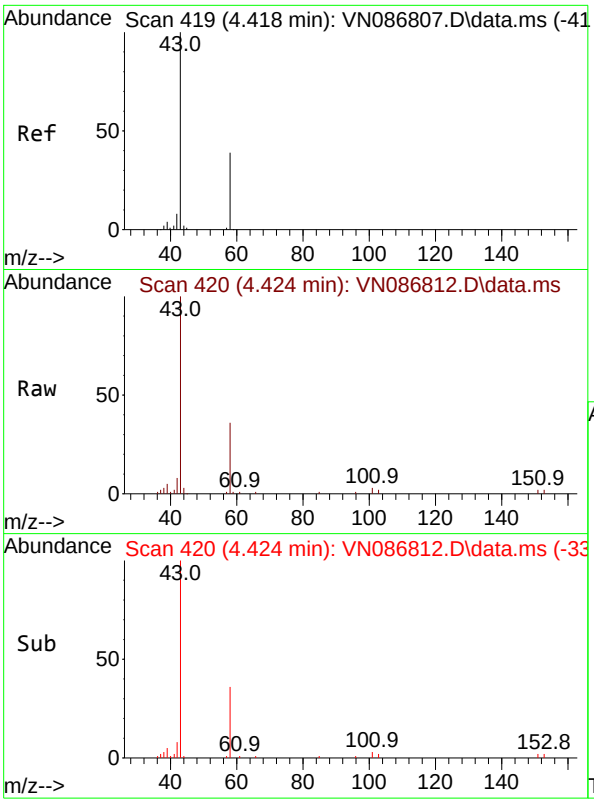


#14
Acrylonitrile
Concen: 90.599 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 53 Resp: 108321

Ion	Ratio	Lower	Upper
53	100		
52	80.1	40.0	119.9
51	34.3	17.5	52.6

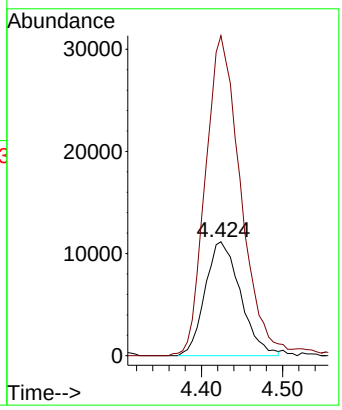




#15
Acetone
Concen: 111.509 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 58 Resp: 3375

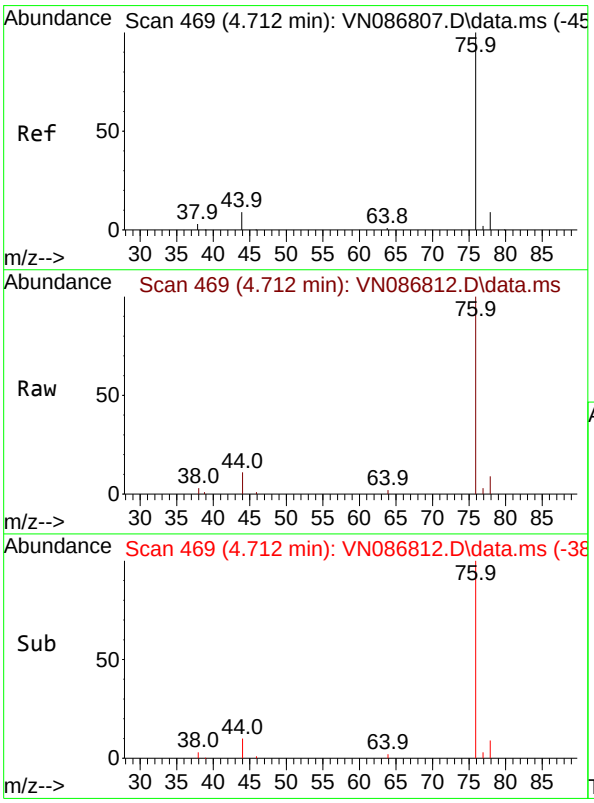
Ion	Ratio	Lower	Upper
58	100		
43	278.9	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

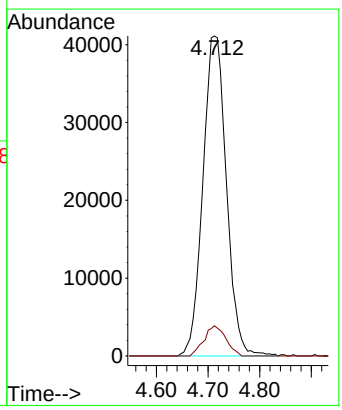
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

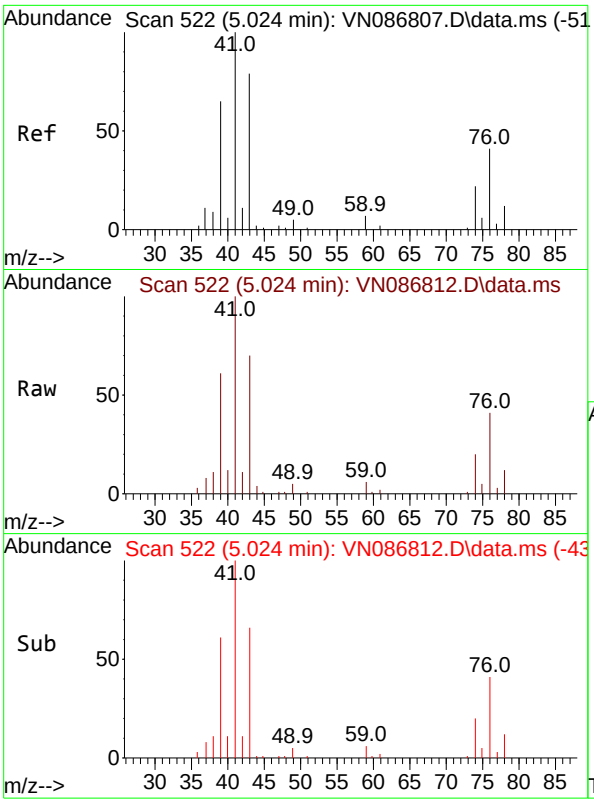


#16
Carbon Disulfide
Concen: 19.252 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 76 Resp: 130013

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

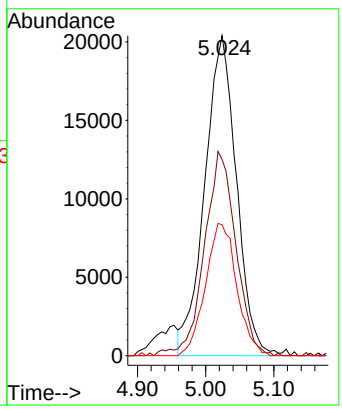




#17
Allyl chloride
Concen: 19.181 ug/l
RT: 5.024 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 41 Resp: 6592

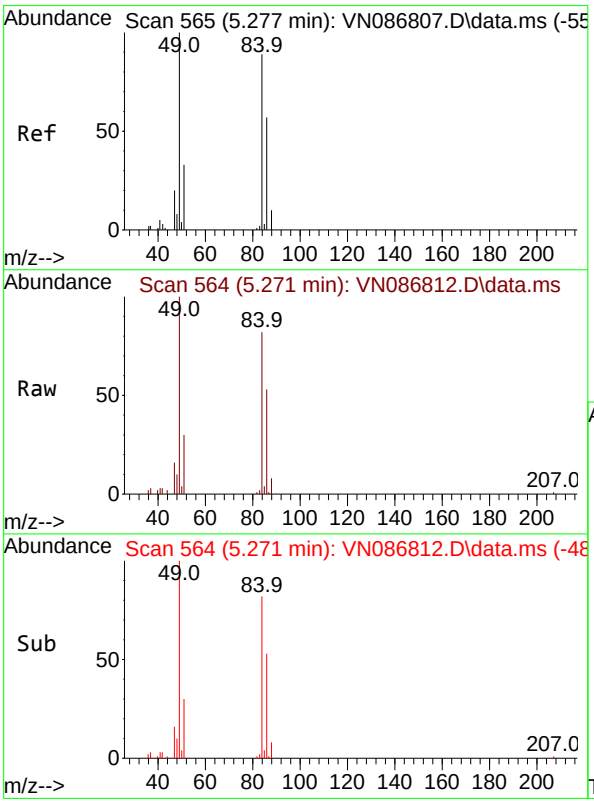
Ion	Ratio	Lower	Upper
41	100		
39	61.1	31.6	94.8
76	41.2	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

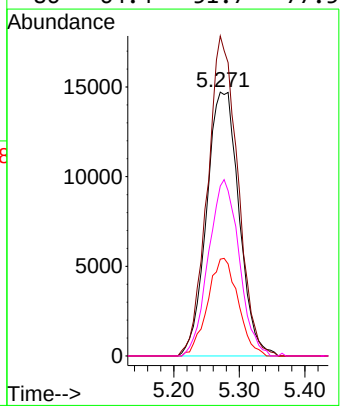
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

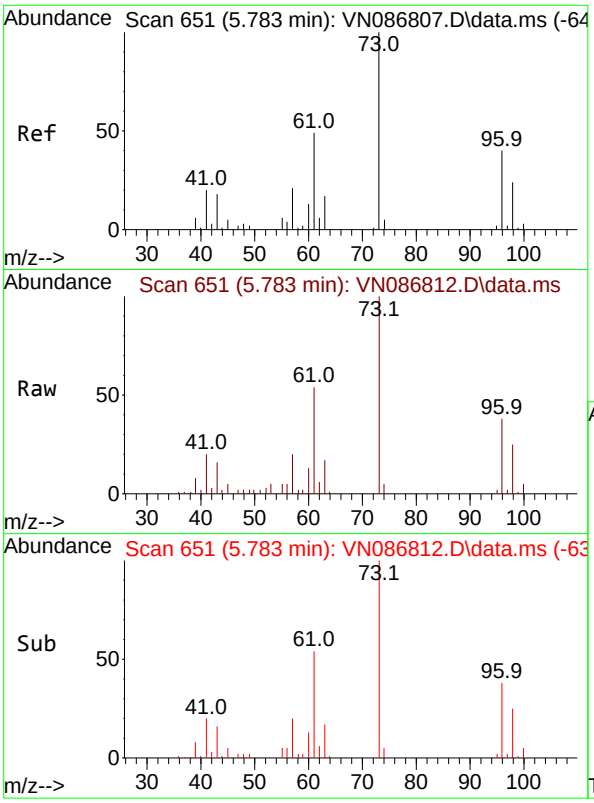


#18
Methylene Chloride
Concen: 18.813 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 84 Resp: 50544

Ion	Ratio	Lower	Upper
84	100		
49	121.3	89.9	134.9
51	36.7	29.6	44.4
86	64.4	51.7	77.5

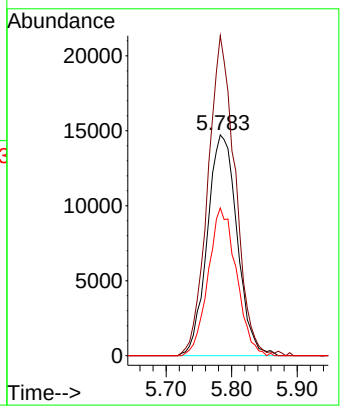




#19
trans-1,2-Dichloroethene
Concen: 19.199 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 96 Resp: 4648

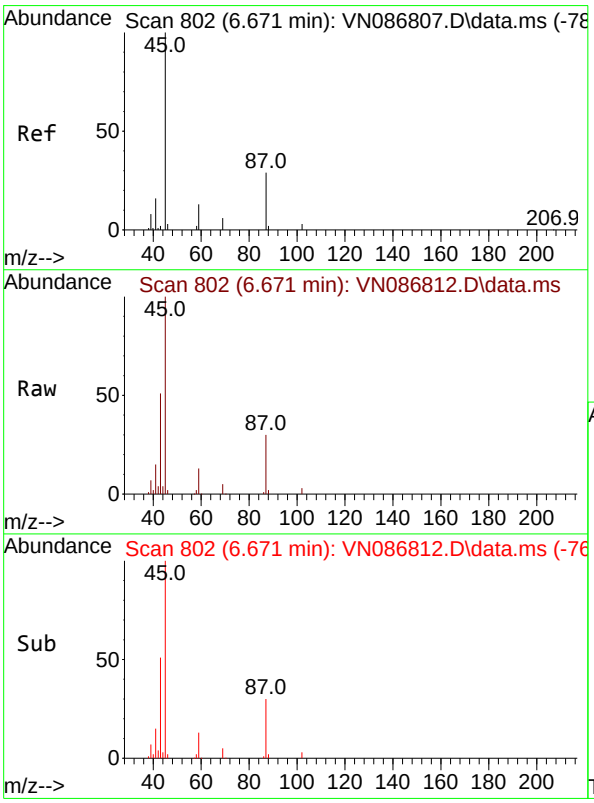
Ion	Ratio	Lower	Upper
96	100		
61	145.0	98.9	148.3
98	66.9	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

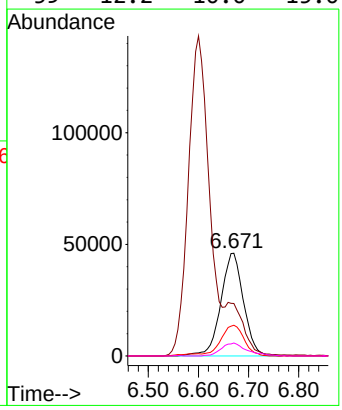
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

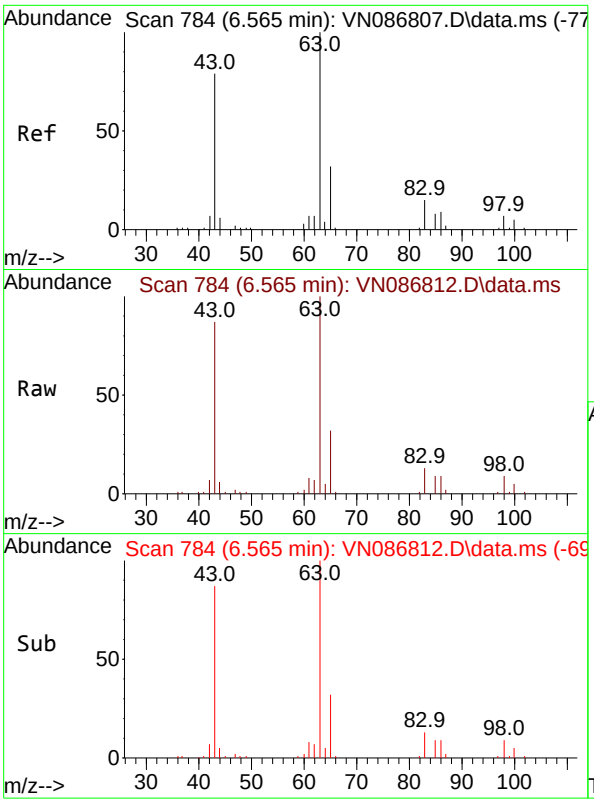


#20
Diisopropyl ether
Concen: 19.116 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 45 Resp: 144697

Ion	Ratio	Lower	Upper
45	100		
43	50.1	40.3	60.5
87	29.9	24.1	36.1
59	12.2	10.0	15.0

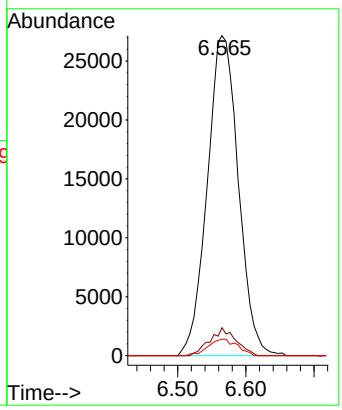




#21
1,1-Dichloroethane
Concen: 18.851 ug/l
RT: 6.565 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 63 Resp: 8611

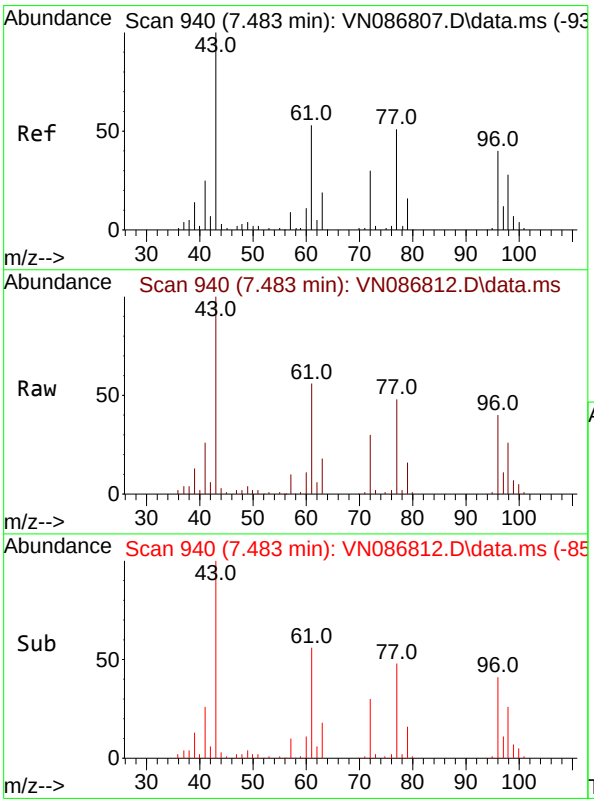
Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.8	11.2
100	5.1	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

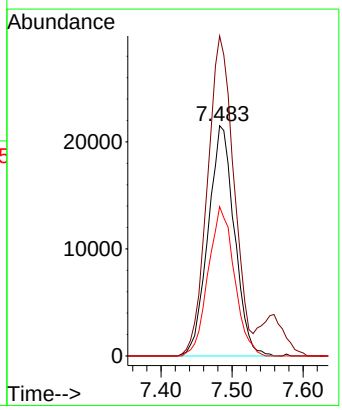
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

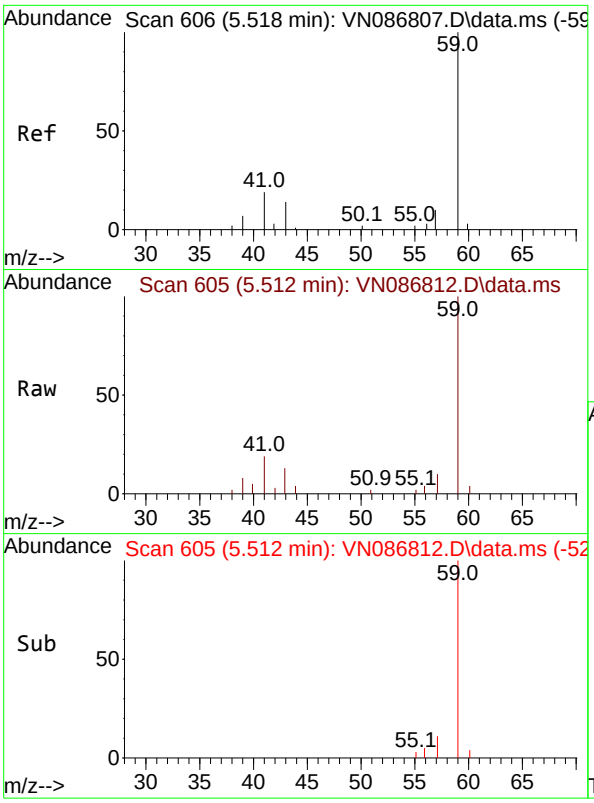


#22
cis-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 96 Resp: 55265

Ion	Ratio	Lower	Upper
96	100		
61	140.0	110.7	166.1
98	64.3	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 91.427 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

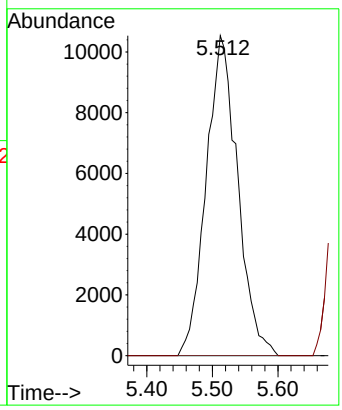
Tgt Ion: 59 Resp: 3510

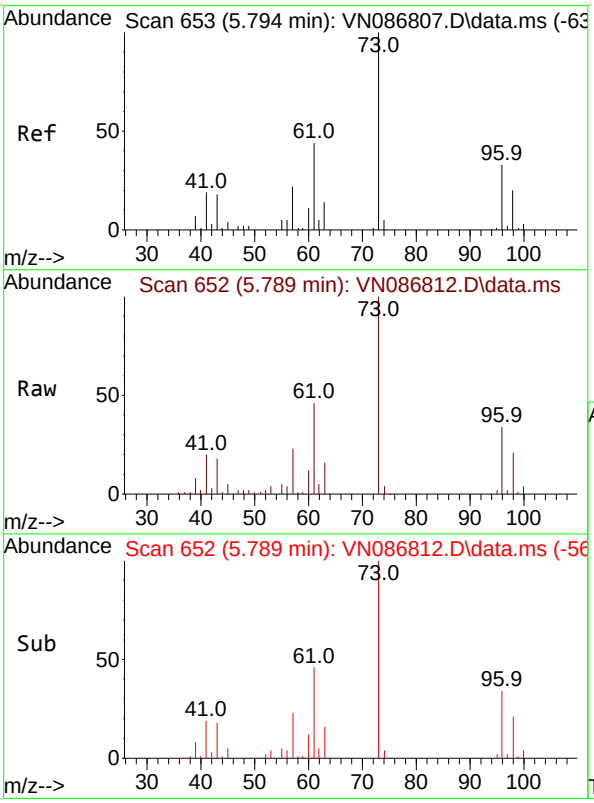
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

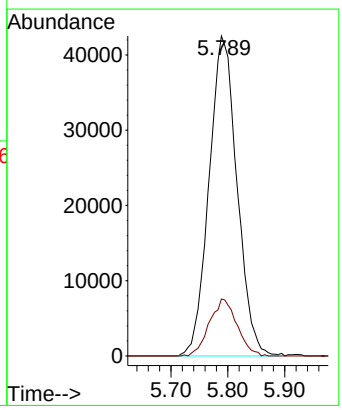


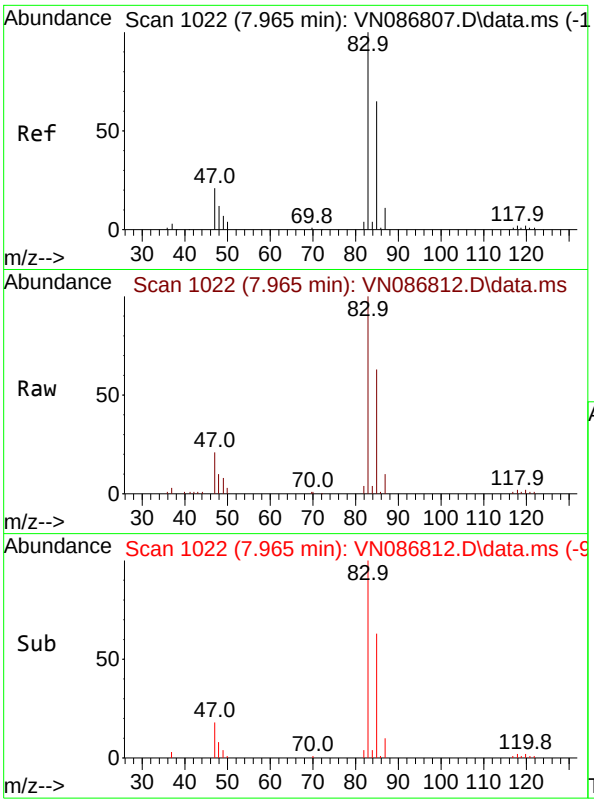


#24
Methyl tert-Butyl Ether
Concen: 19.108 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 73 Resp: 145689

Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.6	22.0





#25
Chloroform
Concen: 18.736 ug/l
RT: 7.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

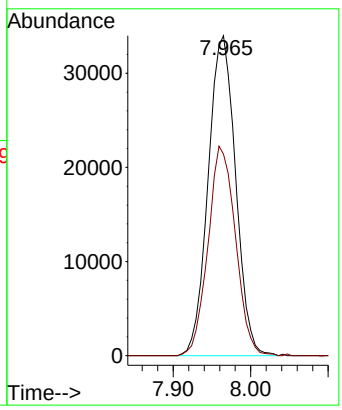
Tgt Ion: 83 Resp: 8377

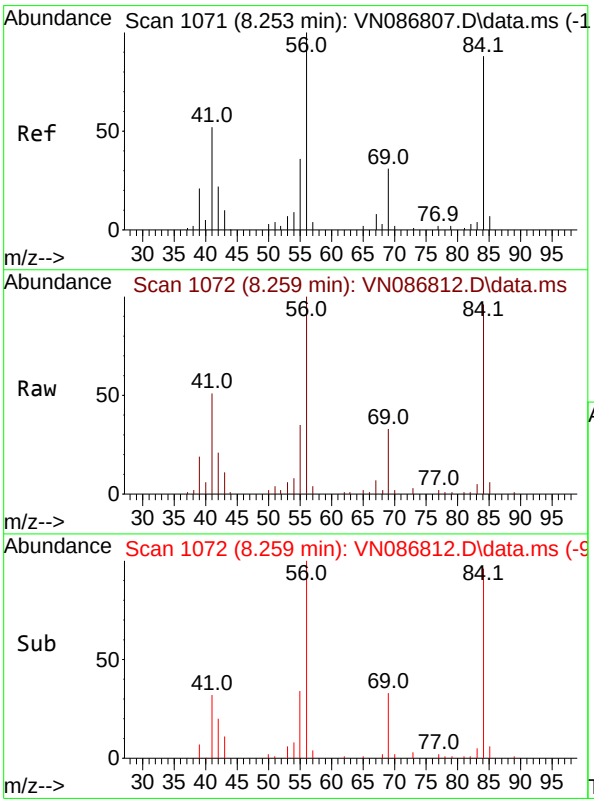
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

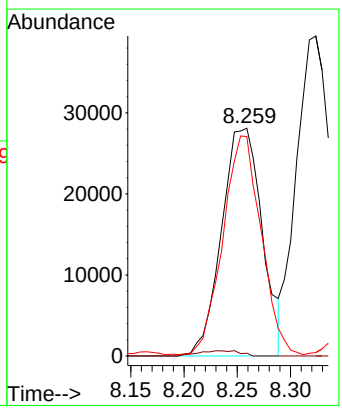


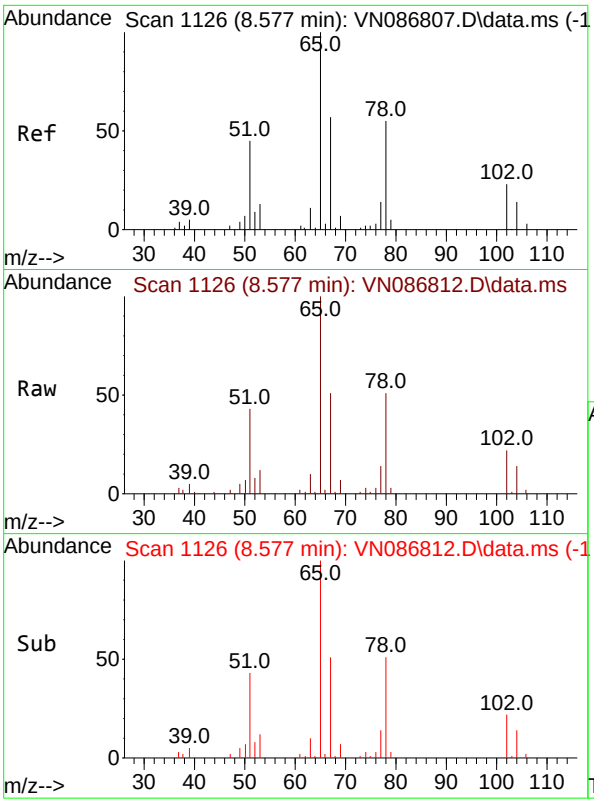


#26
Cyclohexane
Concen: 18.832 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 56 Resp: 74454

Ion	Ratio	Lower	Upper
56	100		
89	1.7	0.0	0.0#
84	91.6	70.4	105.6

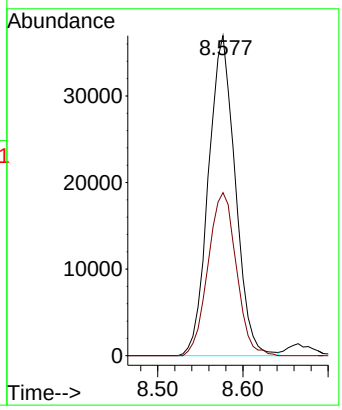




#27
1,2-Dichloroethane-d4
Concen: 29.975 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 65 Resp: 8079

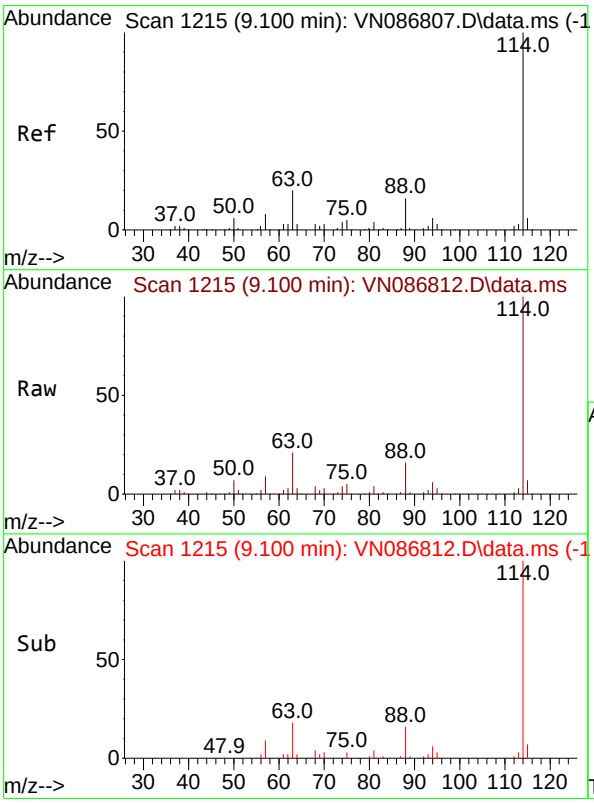
Ion	Ratio	Lower	Upper
65	100		
67	53.6	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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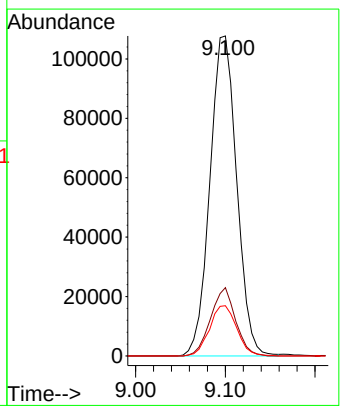
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

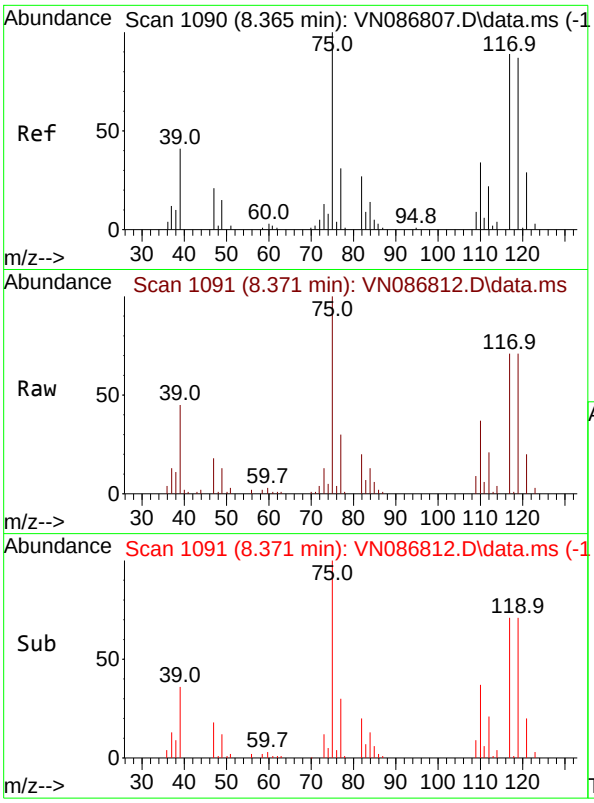


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:114 Resp: 223703

Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.8	23.8
88	15.9	12.9	19.3

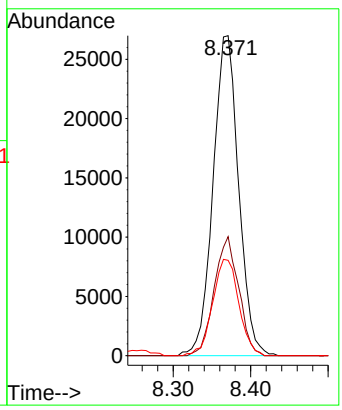




#29
1,1-Dichloropropene
Concen: 18.820 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 6190

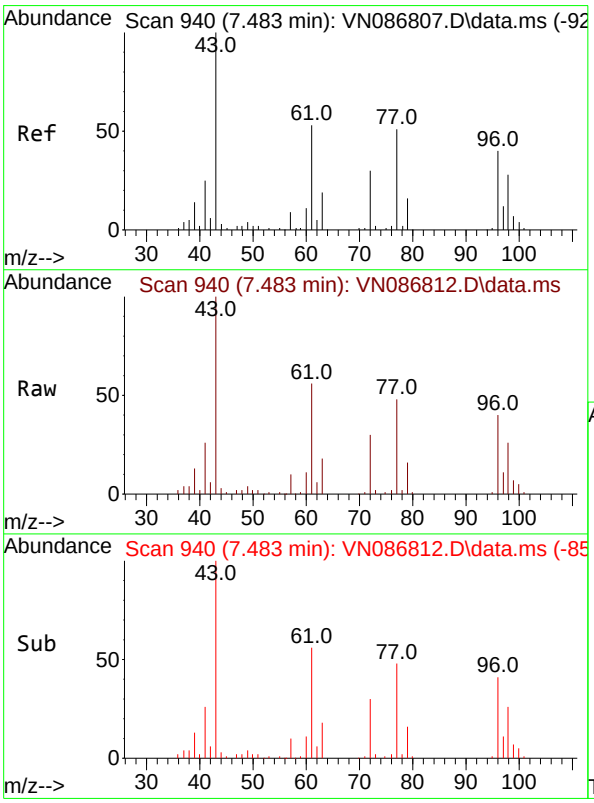
Ion	Ratio	Lower	Upper
75	100		
110	35.5	0.0	71.0
77	30.9	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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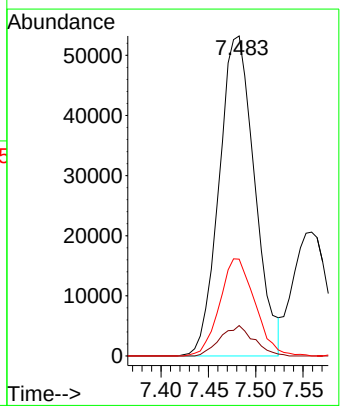
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

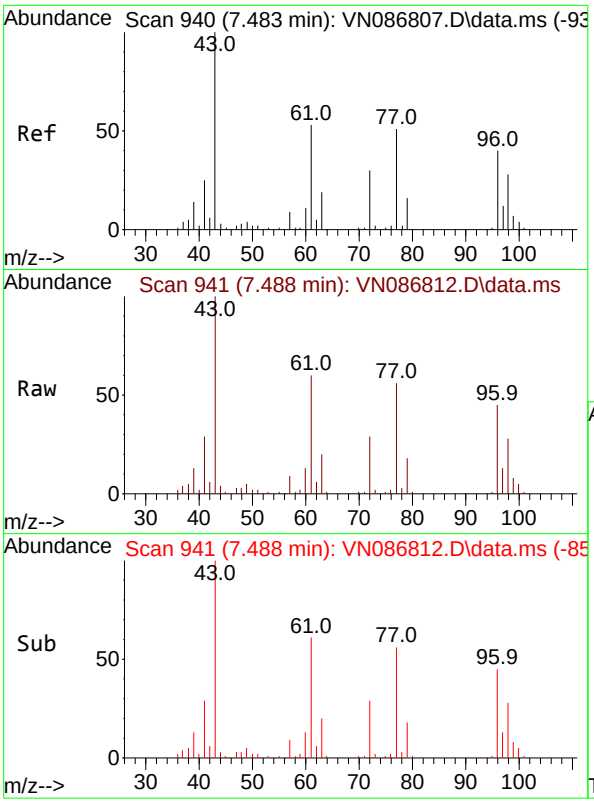


#30
2-Butanone
Concen: 96.463 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 139014

Ion	Ratio	Lower	Upper
43	100		
57	9.0	6.8	10.2
72	30.1	23.4	35.0





#31
2,2-Dichloropropane
Concen: 19.149 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

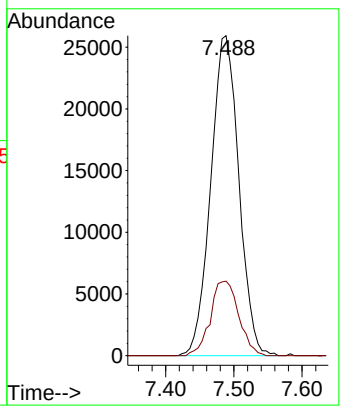
Tgt Ion: 77 Resp: 7434

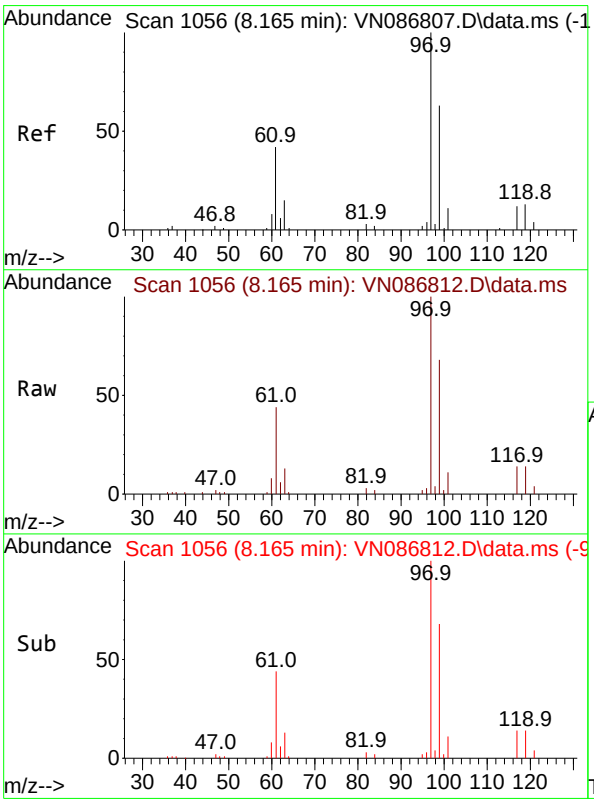
Ion	Ratio	Lower	Upper
77	100		
97	23.5	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

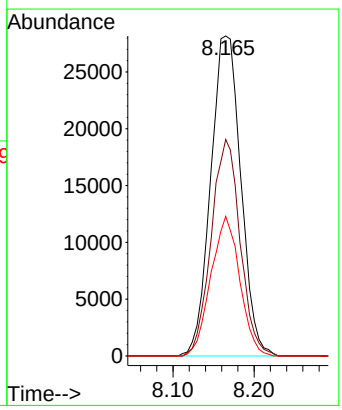


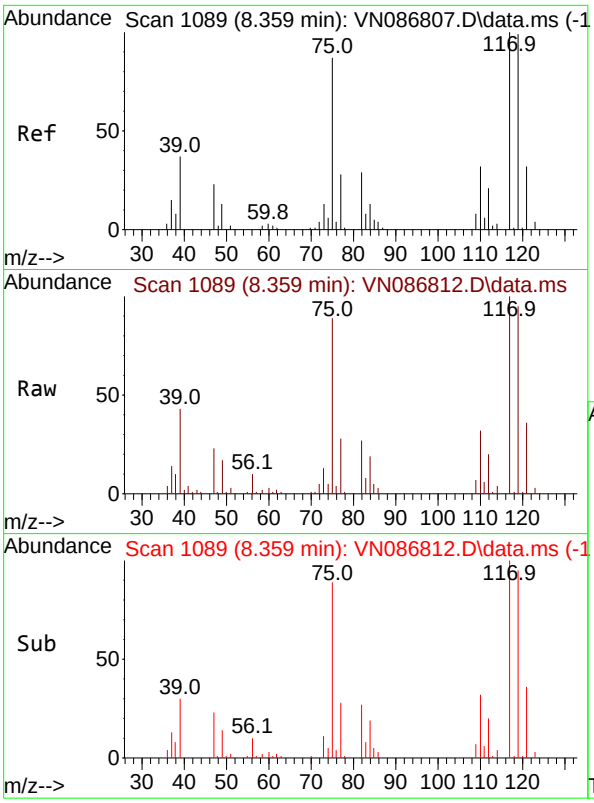


#32
1,1,1-Trichloroethane
Concen: 19.080 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 97 Resp: 72748

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	41.8	35.4	53.2

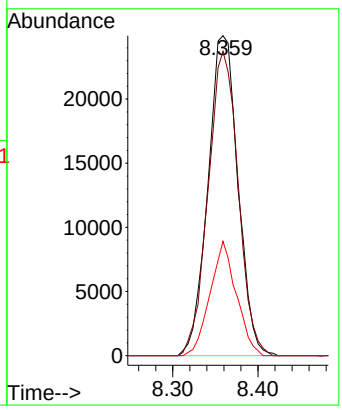




#33
Carbon Tetrachloride
Concen: 18.722 ug/l
RT: 8.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:117 Resp: 6101

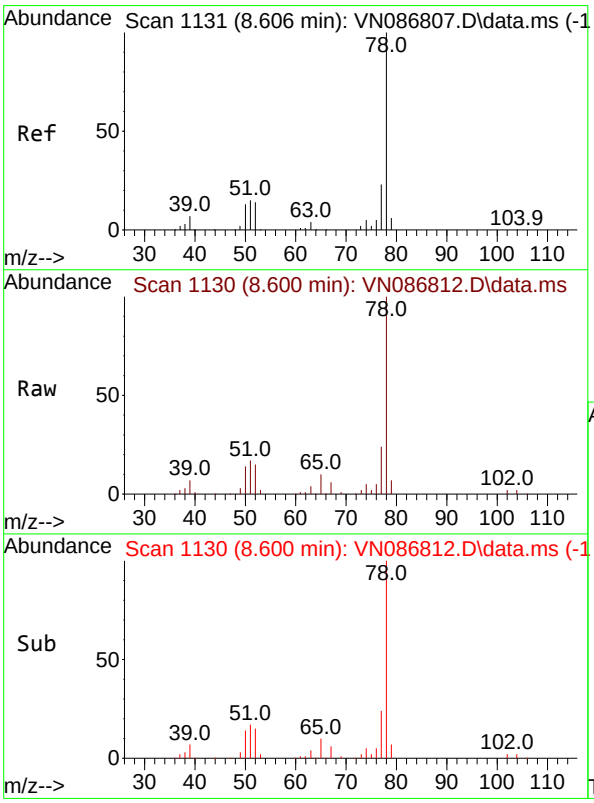
Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.2	118.8
121	35.7	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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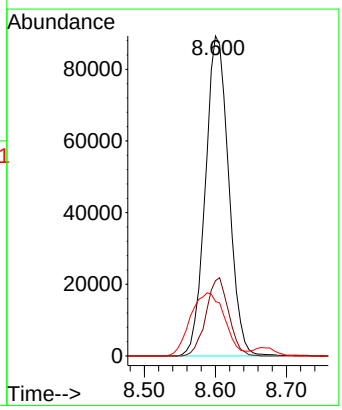
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

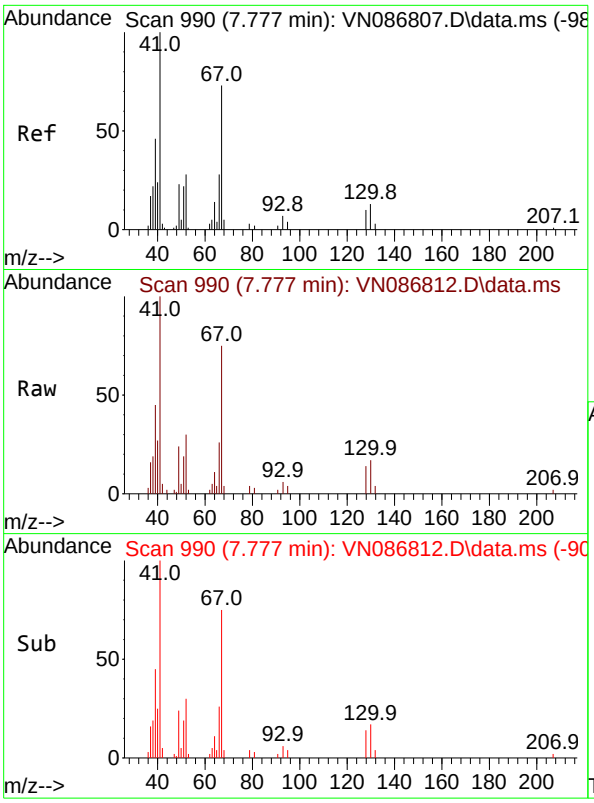


#34
Benzene
Concen: 19.043 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 78 Resp: 203797

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.2
51	16.0	11.9	17.9

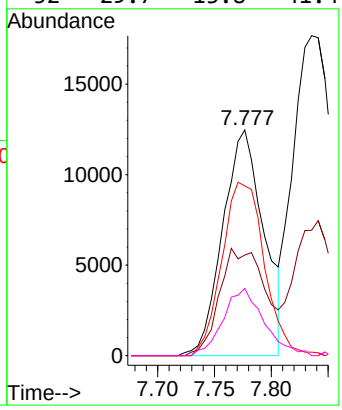




#35
Methacrylonitrile
Concen: 18.924 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 41 Resp: 3132

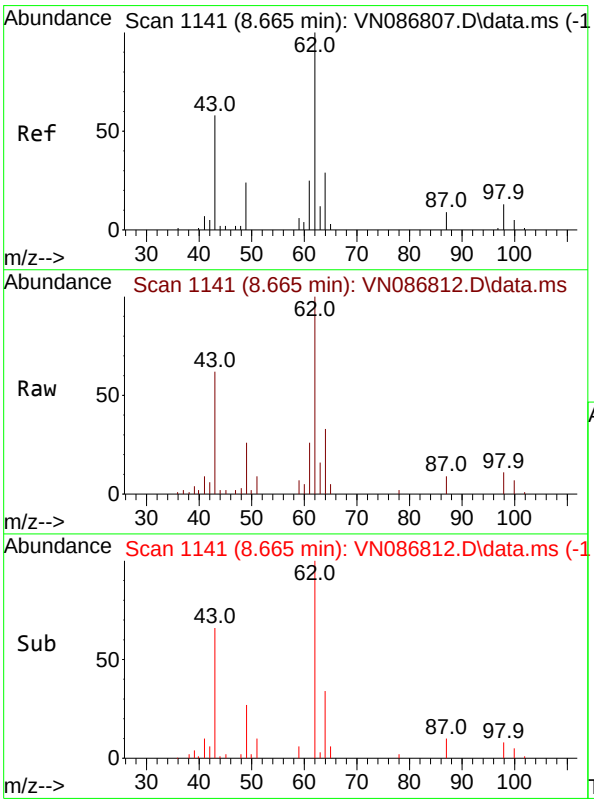
Ion	Ratio	Lower	Upper
41	100		
39	44.6	23.2	69.6
67	75.2	36.5	109.7
52	29.7	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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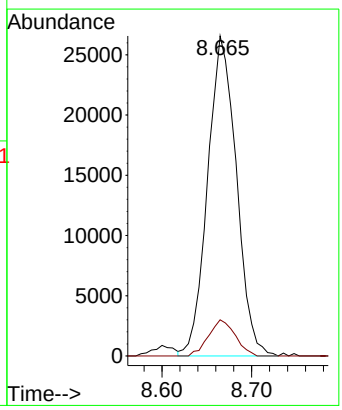
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

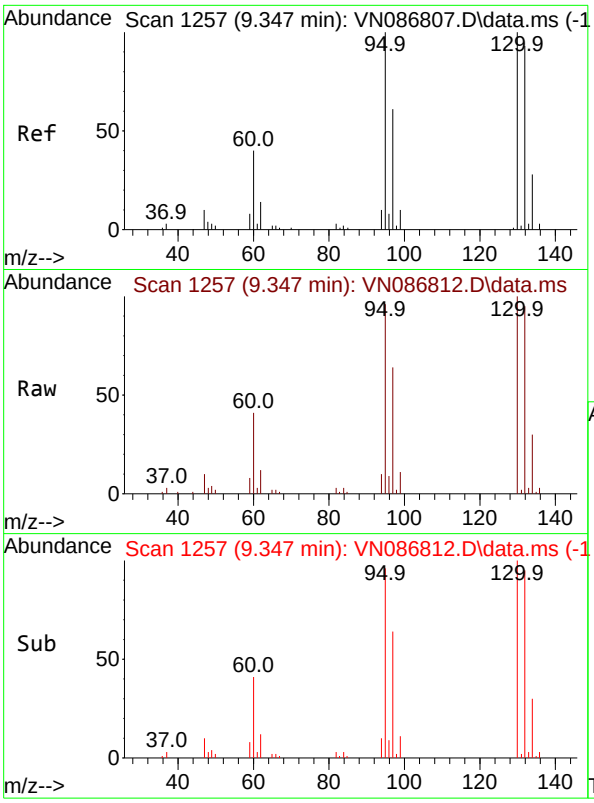


#36
1,2-Dichloroethane
Concen: 18.861 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 62 Resp: 59147

Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.5	12.7

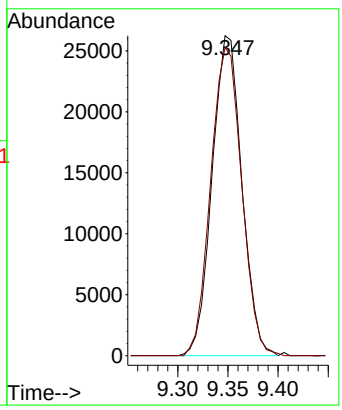




#37
Trichloroethene
Concen: 18.229 ug/l
RT: 9.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:130 Resp: 5411

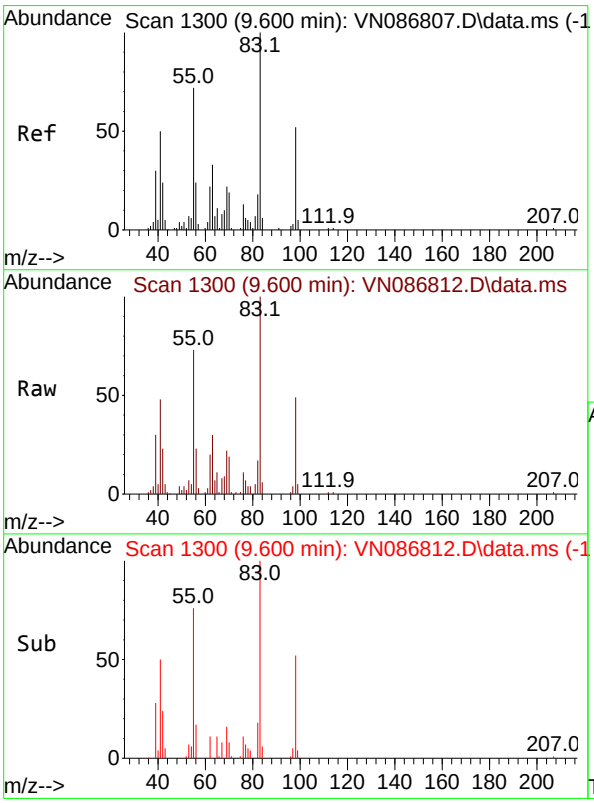
Ion	Ratio	Lower	Upper
130	100		
95	96.3	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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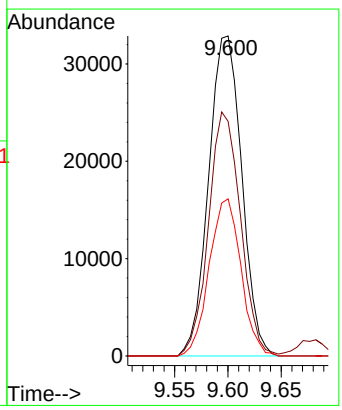
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

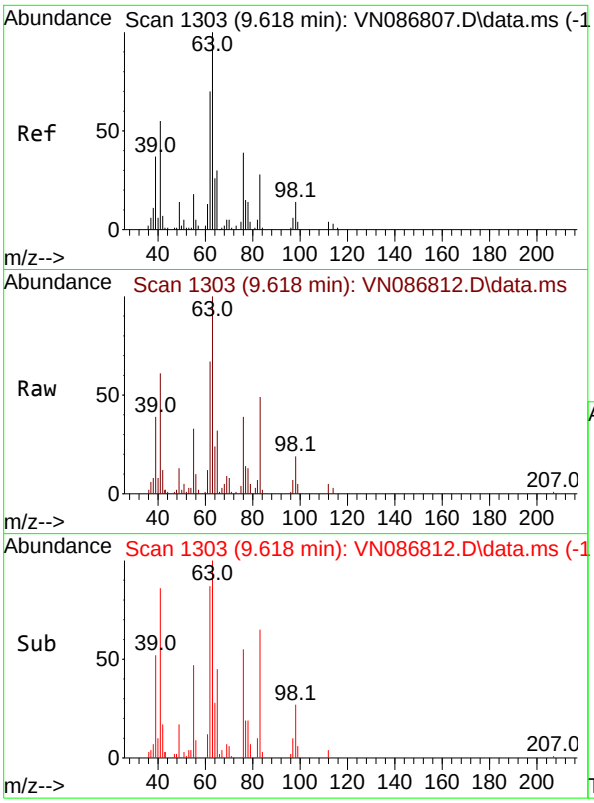


#38
Methylcyclohexane
Concen: 19.466 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 83 Resp: 71039

Ion	Ratio	Lower	Upper
83	100		
55	73.7	37.4	112.1
98	47.1	24.6	73.6





#39
1,2-Dichloropropane
Concen: 18.621 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

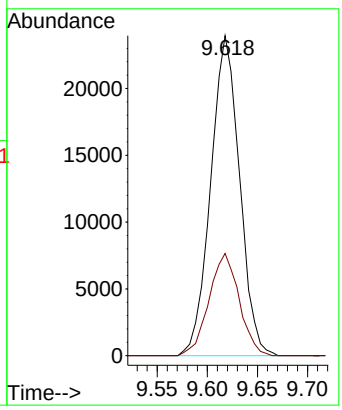
Tgt Ion: 63 Resp: 4797

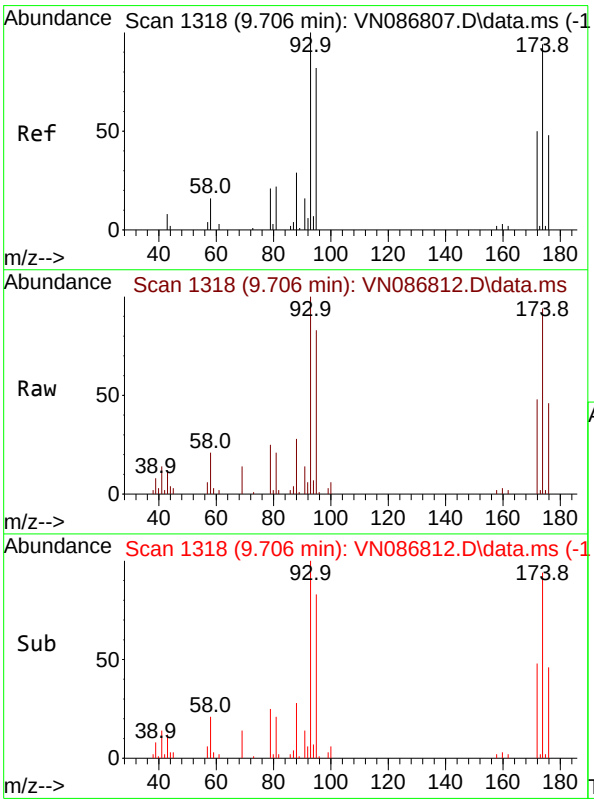
Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.2	36.4

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

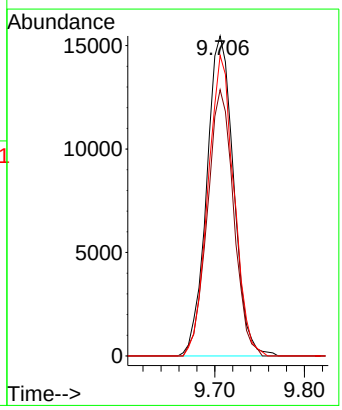


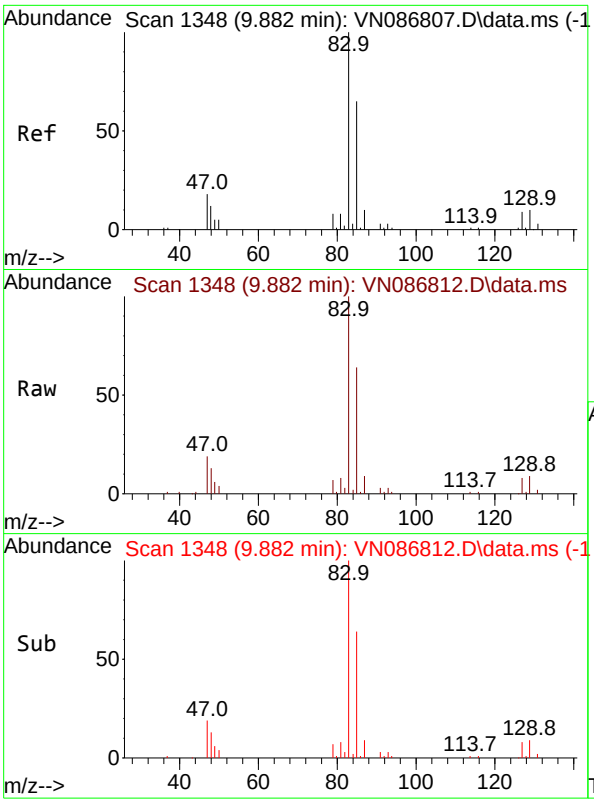


#40
Dibromomethane
Concen: 19.100 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 93 Resp: 32186

Ion	Ratio	Lower	Upper
93	100		
95	81.0	0.0	166.4
174	90.9	0.0	181.8

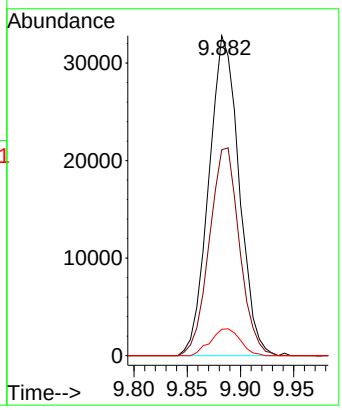




#41
Bromodichloromethane
Concen: 18.370 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 83 Resp: 6479

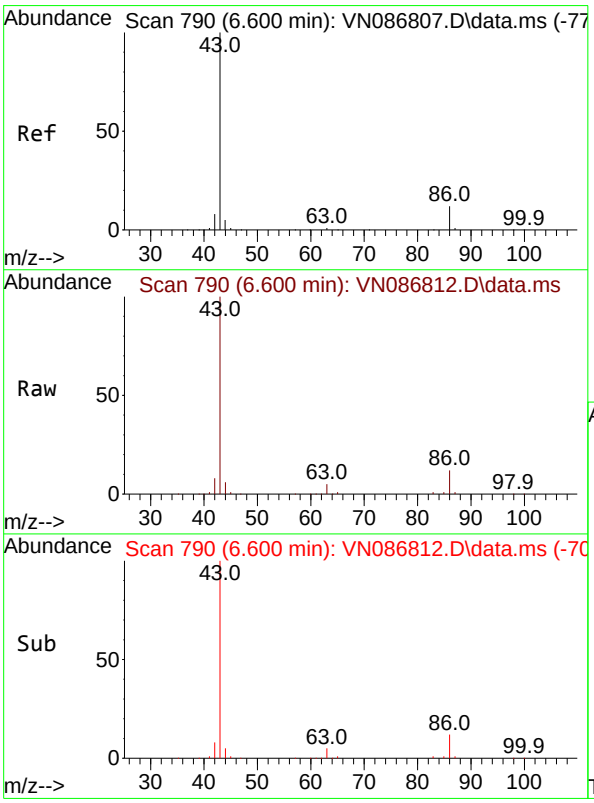
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.8
127	8.3	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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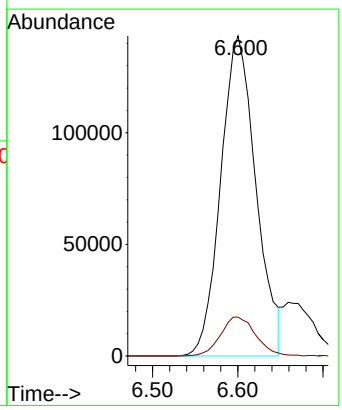
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

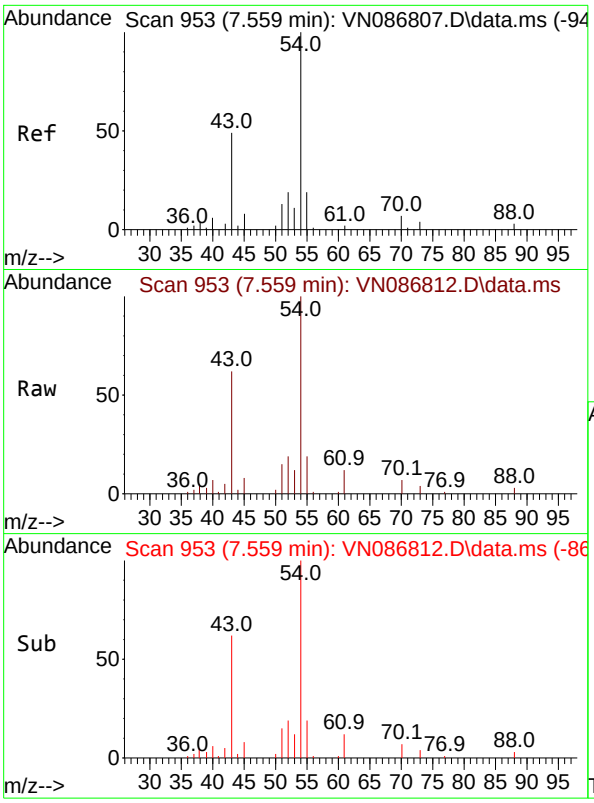


#42
Vinyl Acetate
Concen: 97.955 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 411482

Ion	Ratio	Lower	Upper
43	100		
86	12.2	9.5	14.3





#43
Ethyl Acetate
Concen: 18.099 ug/l m
RT: 7.559 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

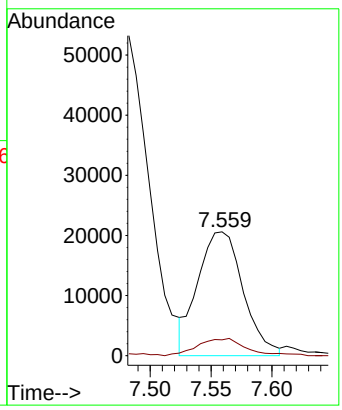
Tgt Ion: 43 Resp: 5337

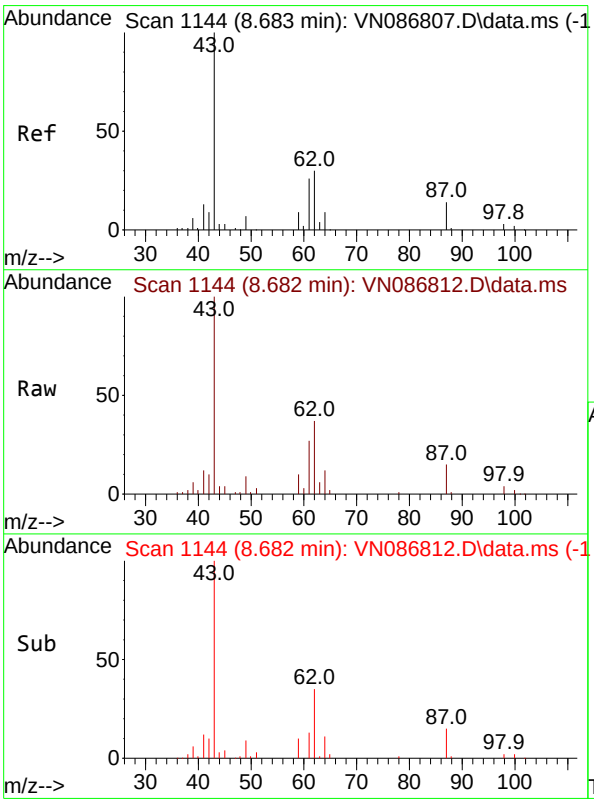
Ion	Ratio	Lower	Upper
43	100		
45	14.9	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

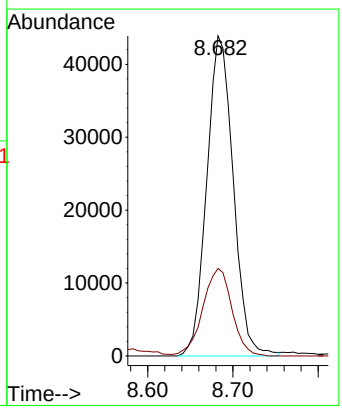


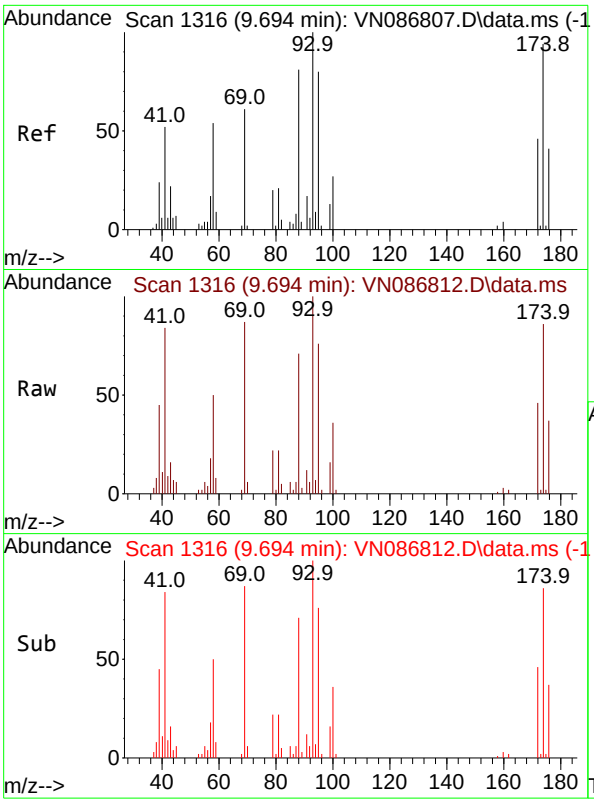


#44
Isopropyl Acetate
Concen: 18.715 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 94672

Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.8	35.6

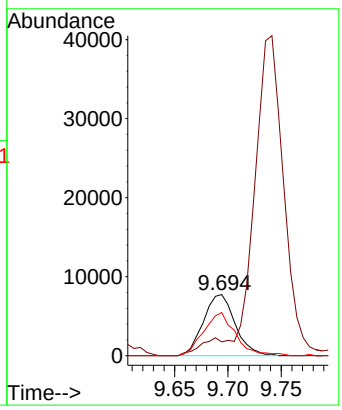




#45
1,4-Dioxane
Concen: 357.261 ug/l
RT: 9.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 88 Resp: 1606

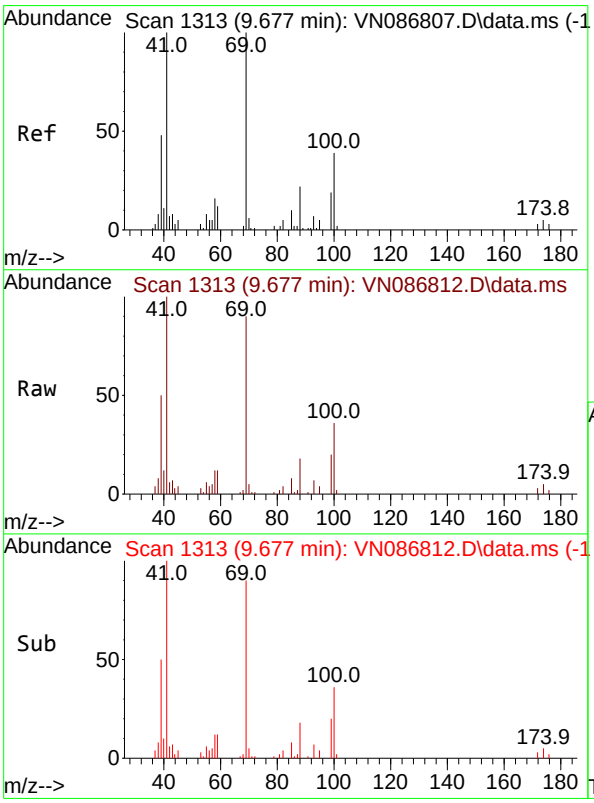
Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.0	34.6
58	70.7	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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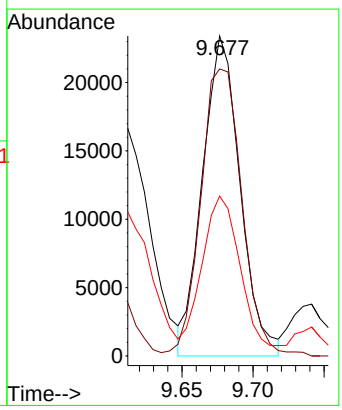
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

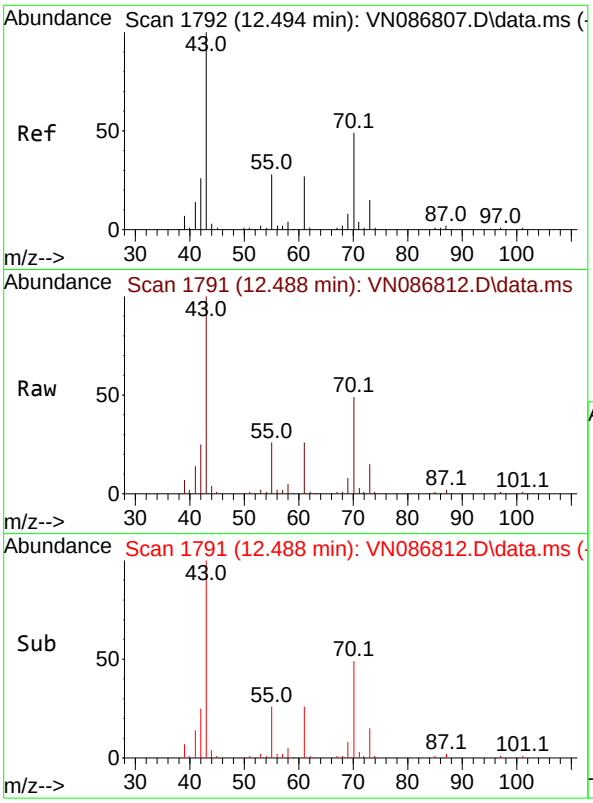


#46
Methyl methacrylate
Concen: 18.466 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 41 Resp: 43072

Ion	Ratio	Lower	Upper
41	100		
69	92.8	48.0	144.2
39	49.3	23.8	71.2





#47
n-amyl Acetate
Concen: 18.339 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

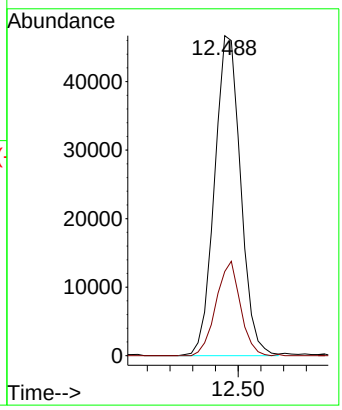
Tgt Ion: 43 Resp: 7447

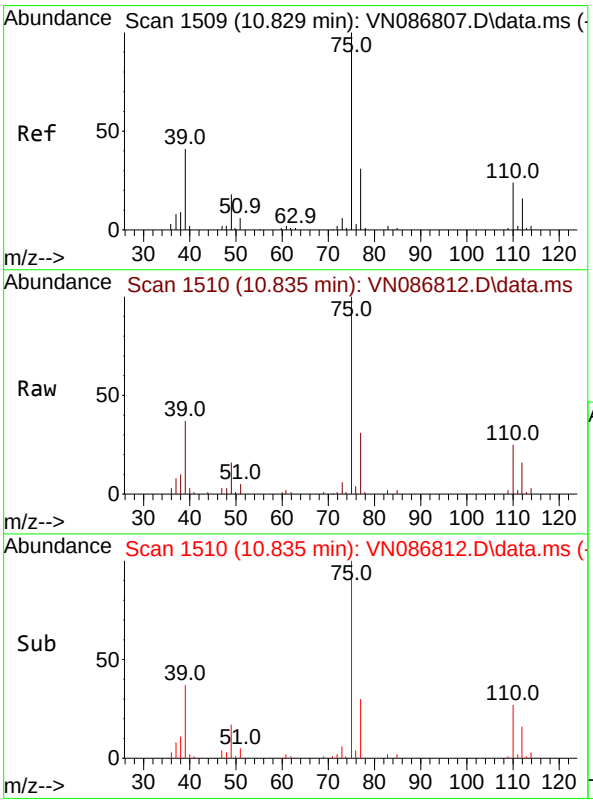
Ion	Ratio	Lower	Upper
43	100		
55	27.5	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

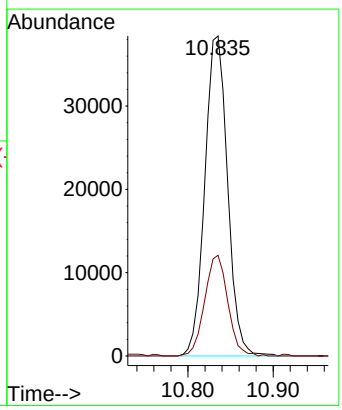


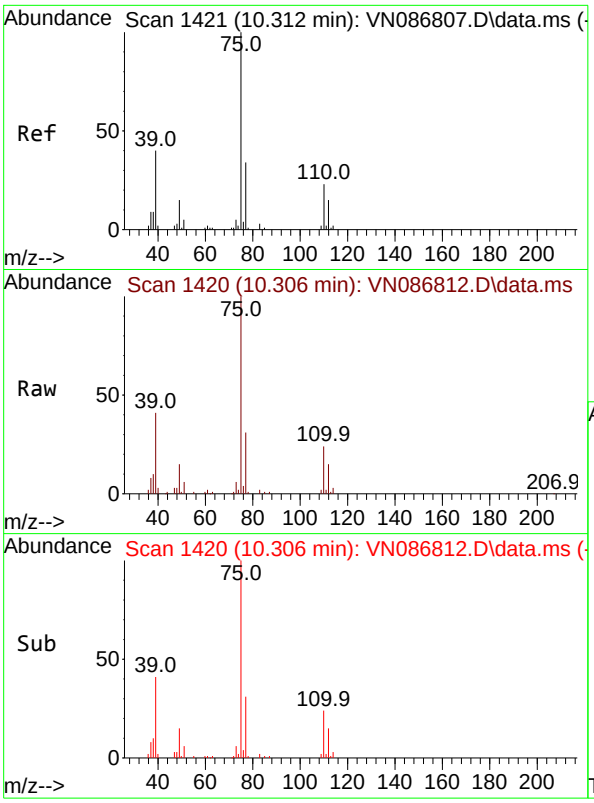


#48
t-1,3-Dichloropropene
Concen: 18.844 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 71129

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

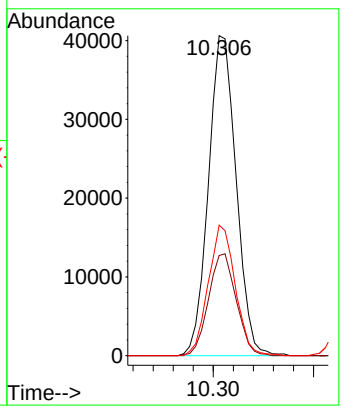




#49
cis-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 10.306 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 7797

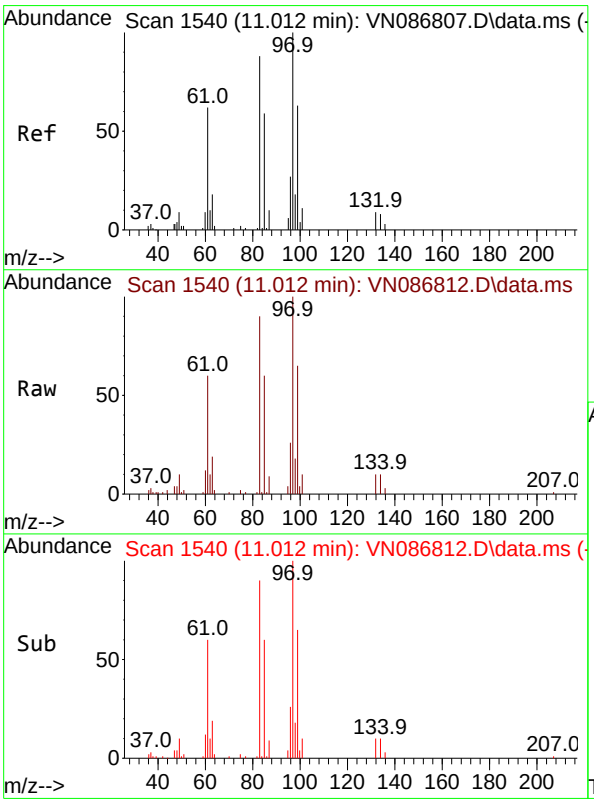
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.9	40.3
39	40.8	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

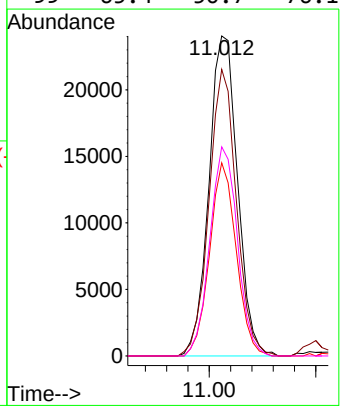
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

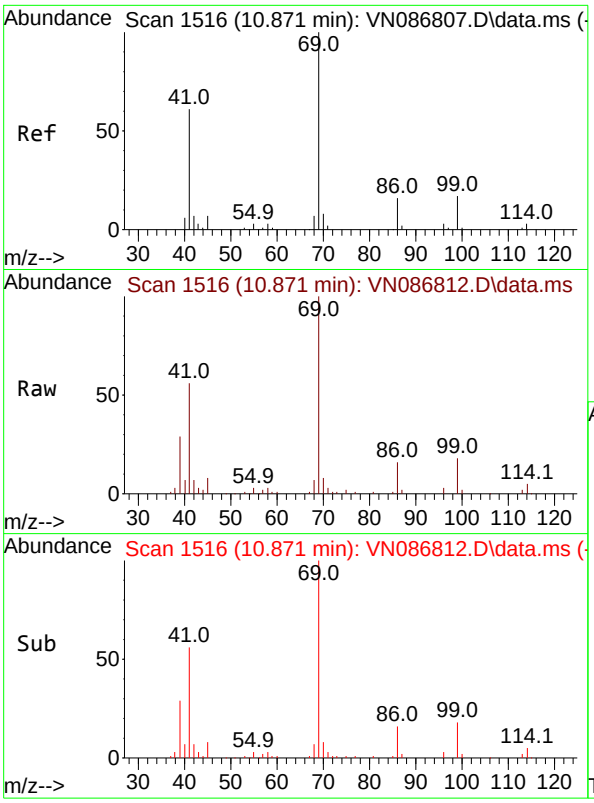


#50
1,1,2-Trichloroethane
Concen: 18.912 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 97 Resp: 44885

Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.6	105.8
85	60.4	46.8	70.2
99	65.4	50.7	76.1

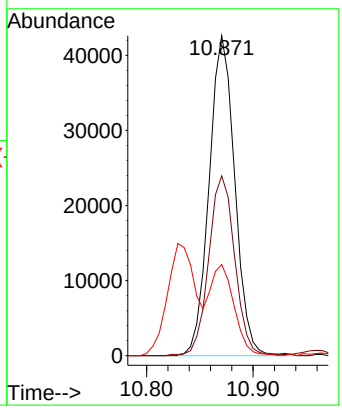




#51
Ethyl methacrylate
Concen: 18.509 ug/l
RT: 10.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 69 Resp: 7114

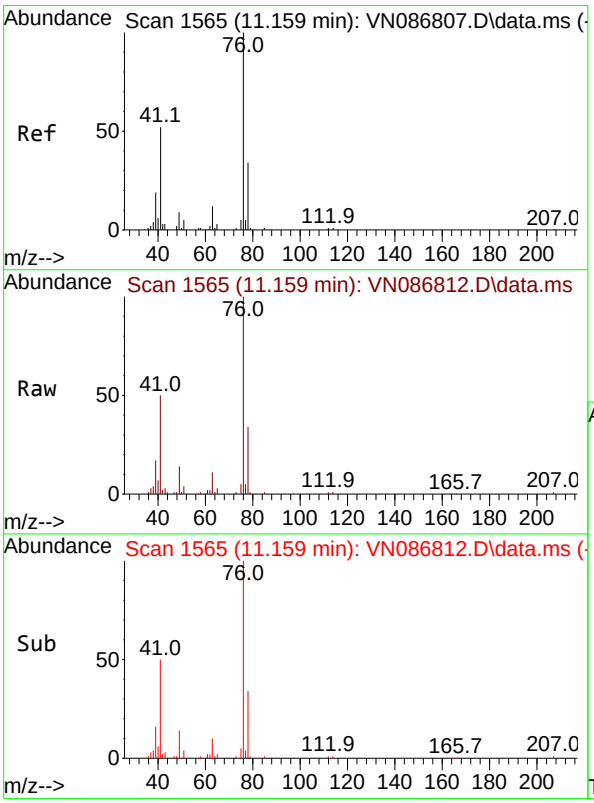
Ion	Ratio	Lower	Upper
69	100		
41	55.8	30.5	91.5
39	28.5	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

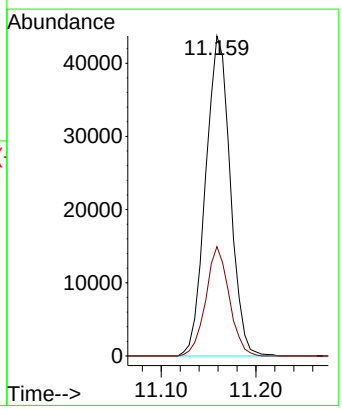
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

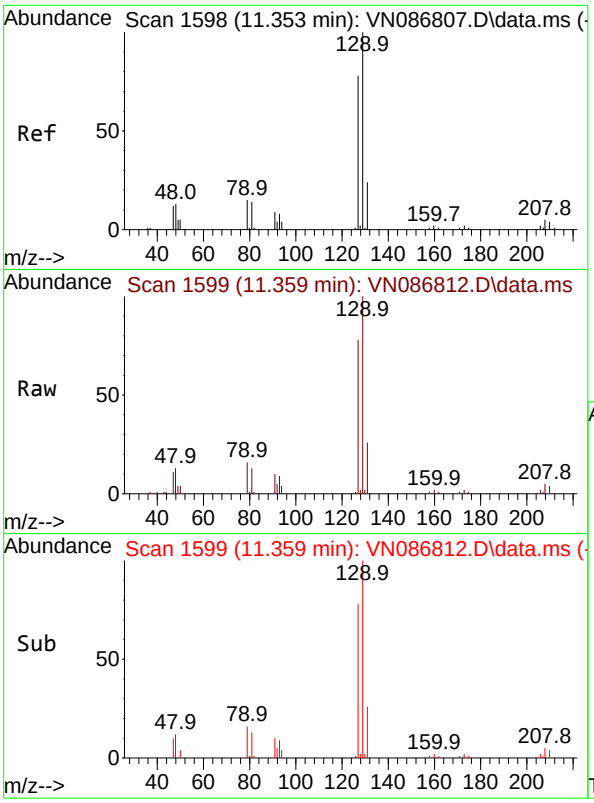


#52
1,3-Dichloropropane
Concen: 18.680 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 76 Resp: 78678

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	64.6

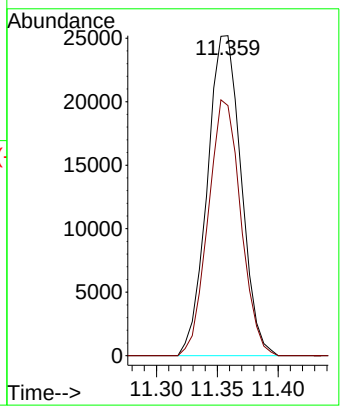




#53
Dibromochloromethane
Concen: 18.159 ug/l
RT: 11.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:129 Resp: 4870

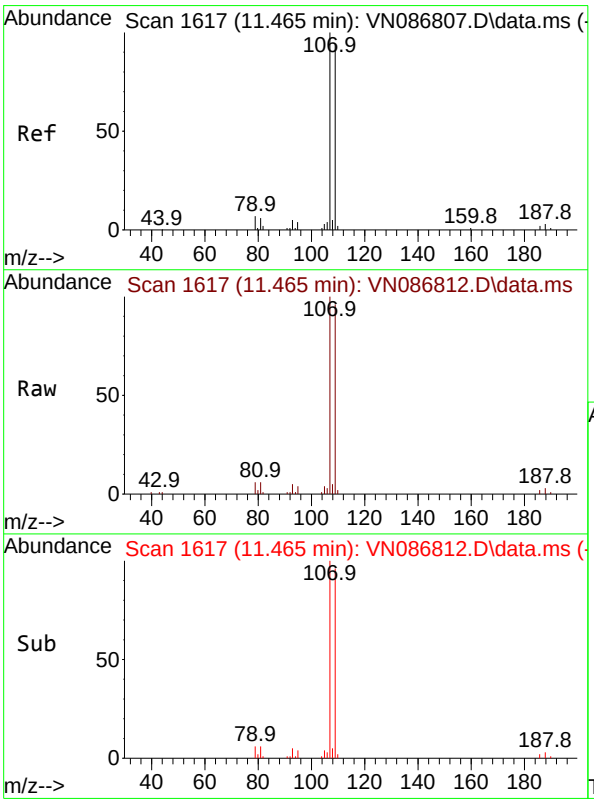
Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

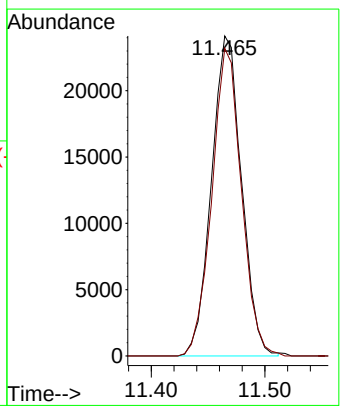
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

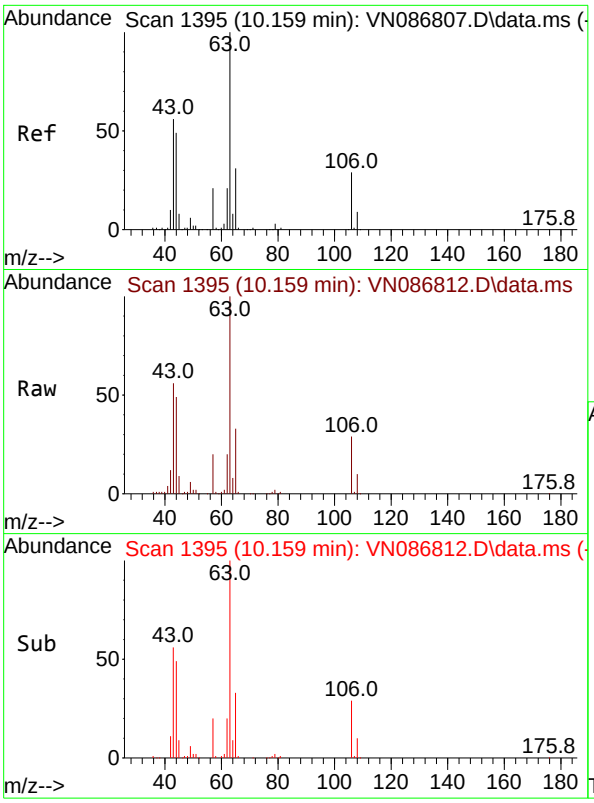


#54
1,2-Dibromoethane
Concen: 18.259 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:107 Resp: 44297

Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6





#55
2-Chloroethyl vinyl ether
Concen: 90.742 ug/l
RT: 10.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

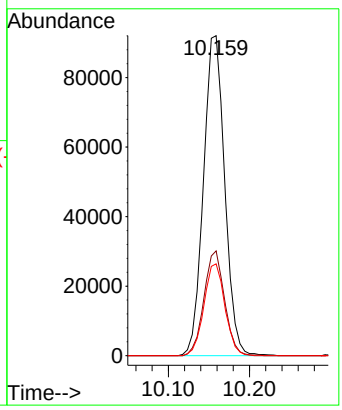
Tgt Ion: 63 Resp: 16742

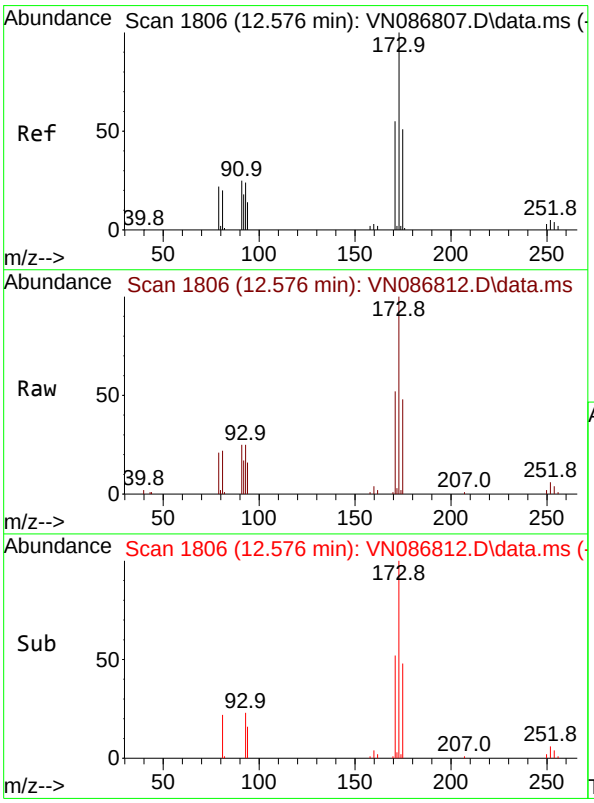
Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.7	38.5
106	28.3	22.7	34.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

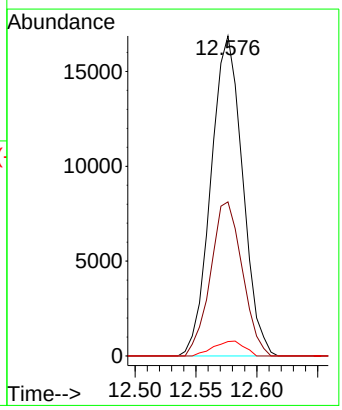


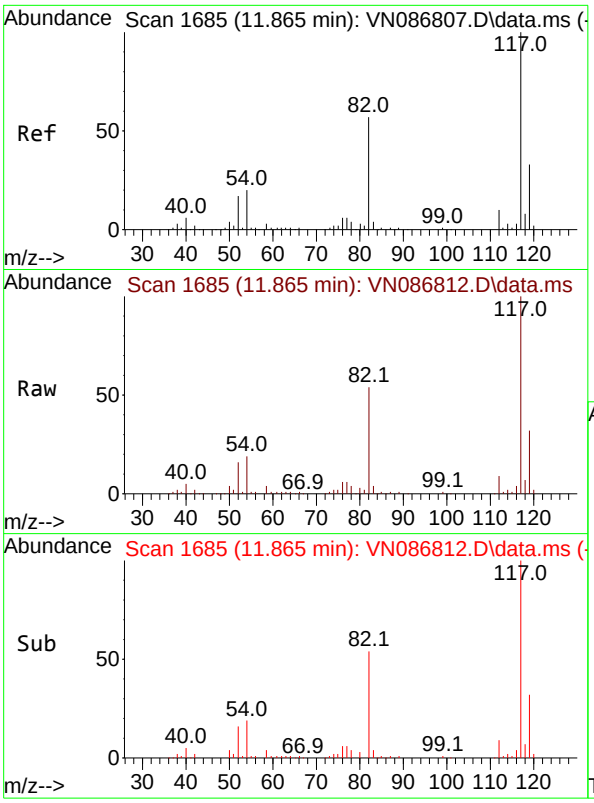


#56
Bromoform
Concen: 18.068 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:173 Resp: 30533

Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.7	59.5
254	4.5	3.5	5.3

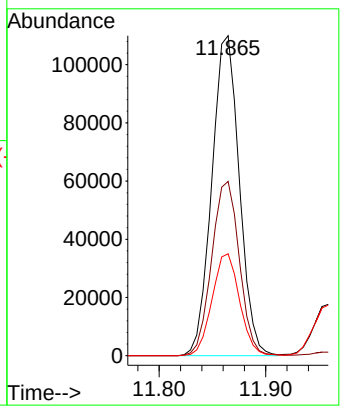




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:117 Resp: 19731

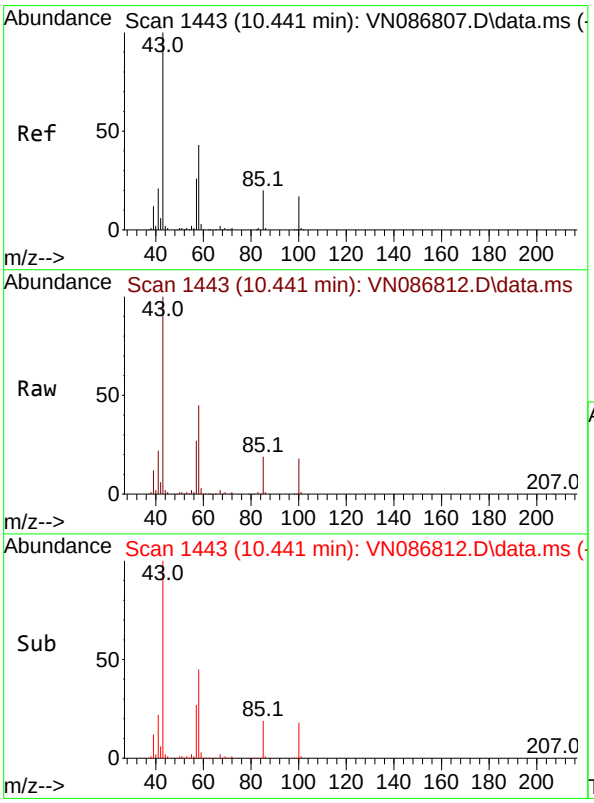
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.7	67.1
119	31.9	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

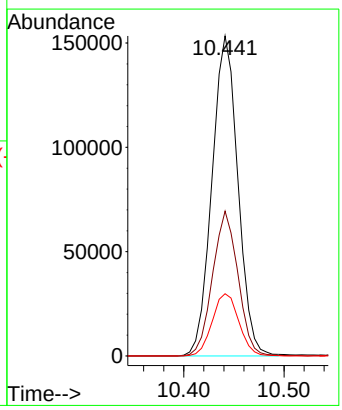
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

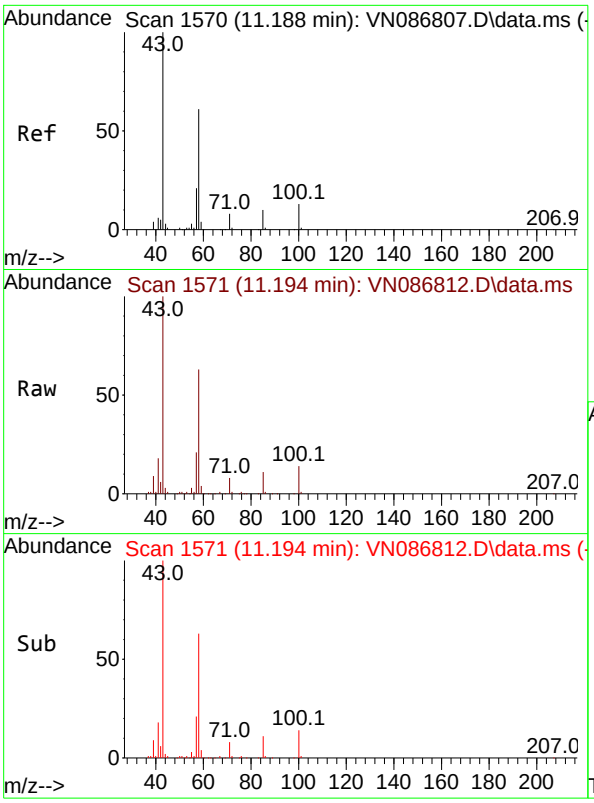


#58
4-Methyl-2-Pentanone
Concen: 95.151 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 43 Resp: 275494

Ion	Ratio	Lower	Upper
43	100		
58	44.3	34.5	51.7
85	20.0	15.8	23.8





#59
2-Hexanone
Concen: 96.760 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

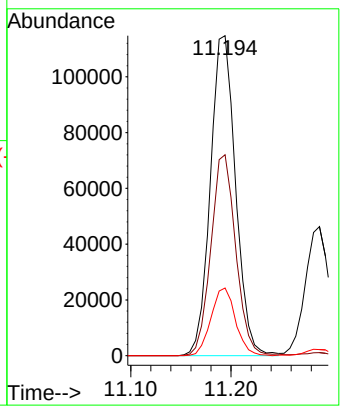
Tgt Ion: 43 Resp: 20067

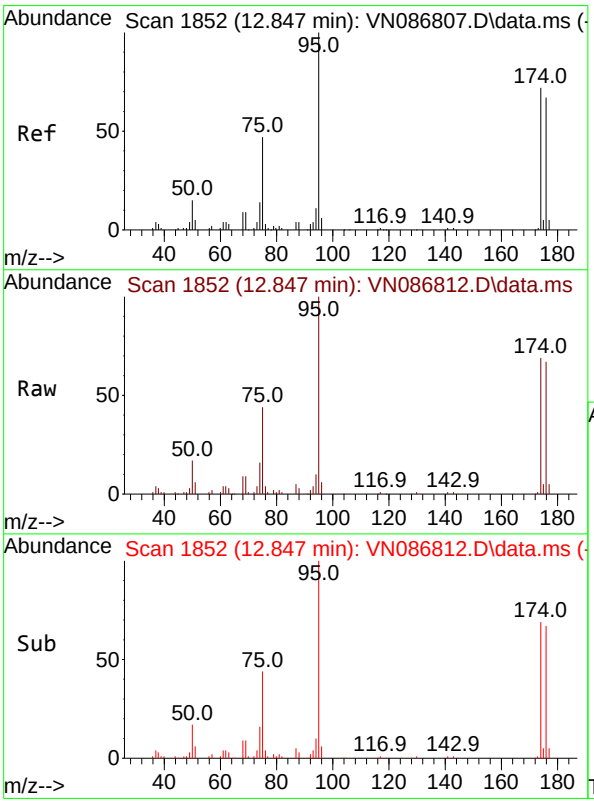
Ion	Ratio	Lower	Upper
43	100		
58	61.7	49.1	73.7
57	20.5	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

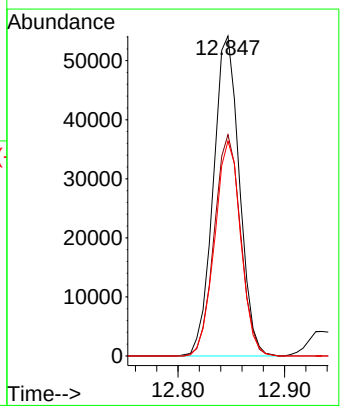


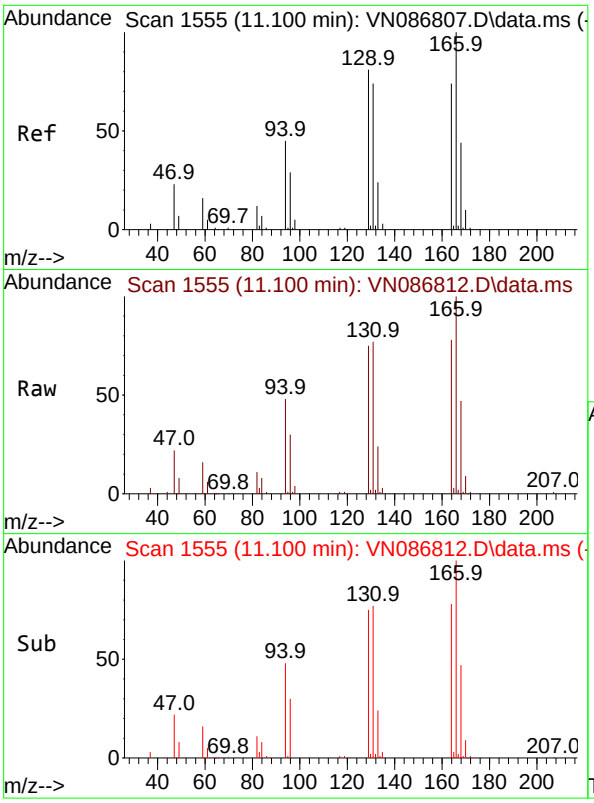


#60
4-Bromofluorobenzene
Concen: 29.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 95 Resp: 92156

Ion	Ratio	Lower	Upper
95	100		
174	69.8	56.2	84.4
176	67.1	53.4	80.0

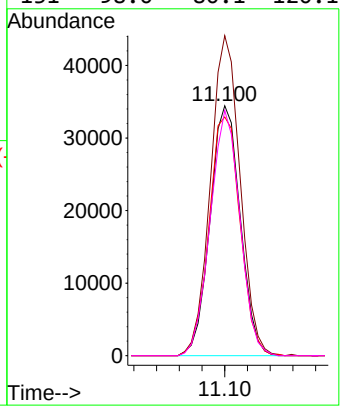




#61
Tetrachloroethene
Concen: 19.102 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:164 Resp: 6335

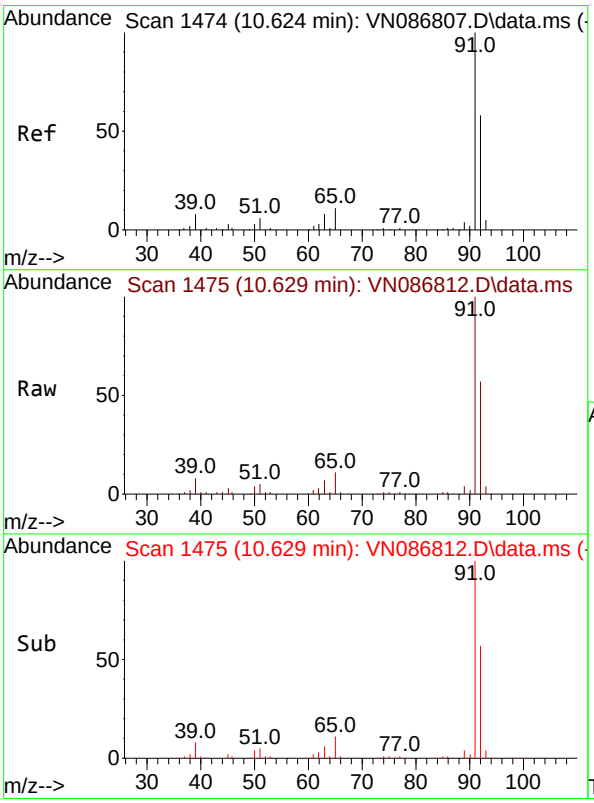
Ion	Ratio	Lower	Upper
164	100		
166	128.0	107.5	161.3
129	95.5	87.4	131.2
131	98.0	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

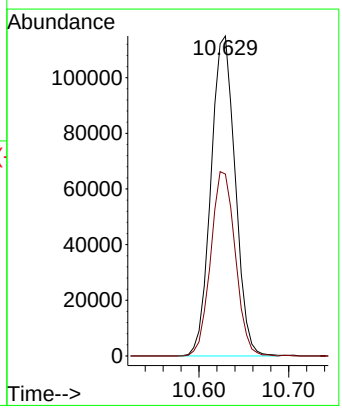
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

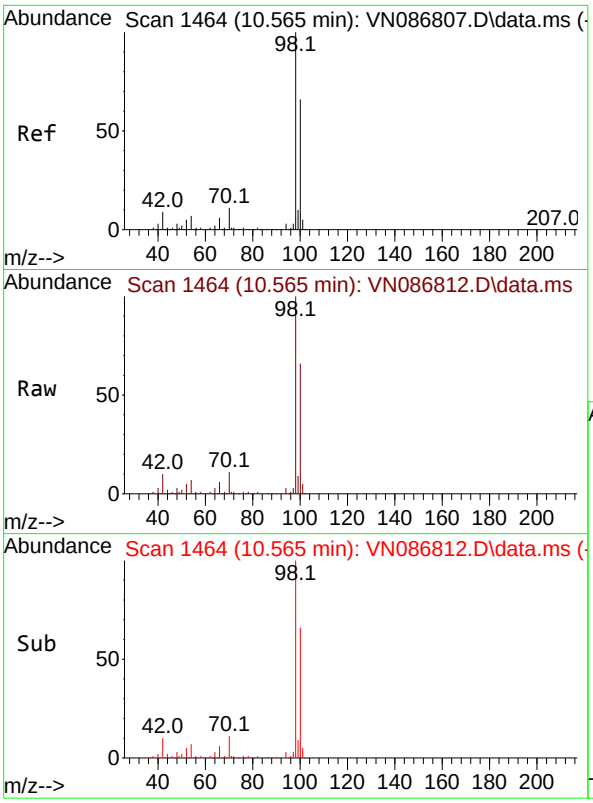


#62
Toluene
Concen: 19.407 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 215673

Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	70.0





#63
Toluene-d8
Concen: 30.356 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

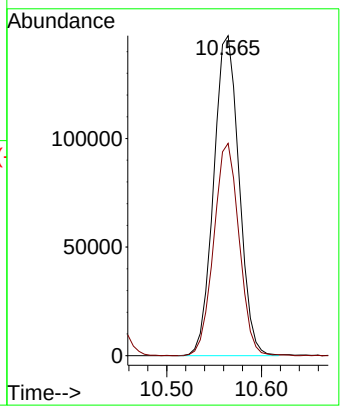
Tgt Ion: 98 Resp: 27492

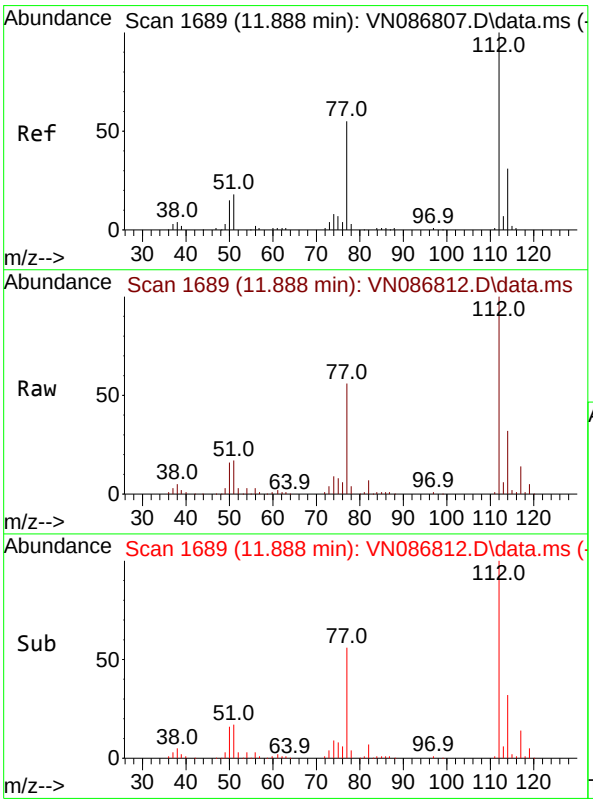
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

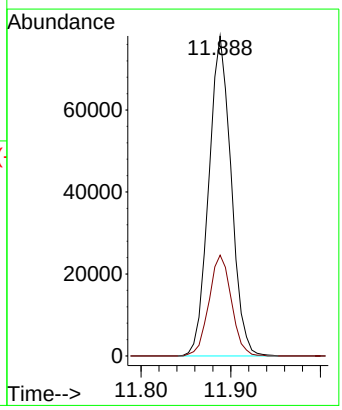


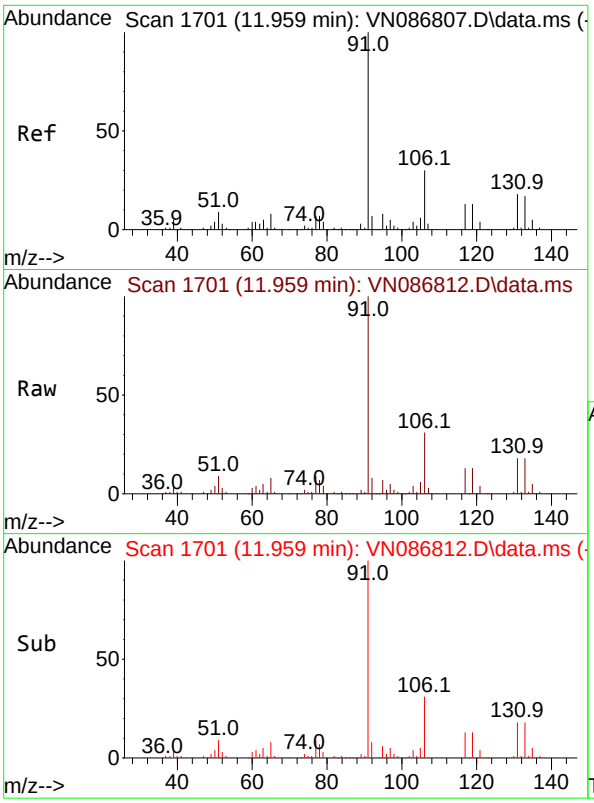


#64
Chlorobenzene
Concen: 19.086 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:112 Resp: 135267

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 18.735 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

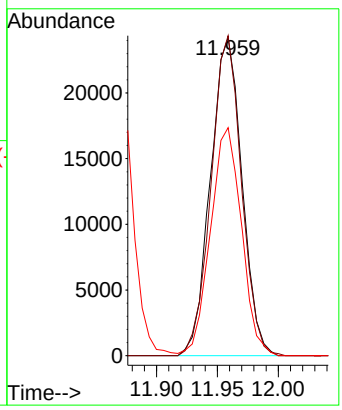
Tgt Ion:131 Resp: 4362

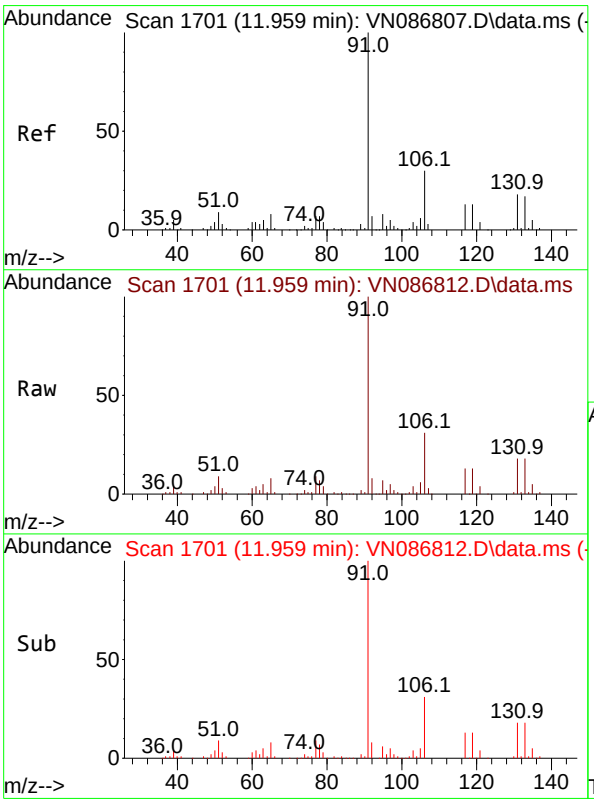
Ion	Ratio	Lower	Upper
131	100		
133	96.8	0.0	191.0
119	70.5	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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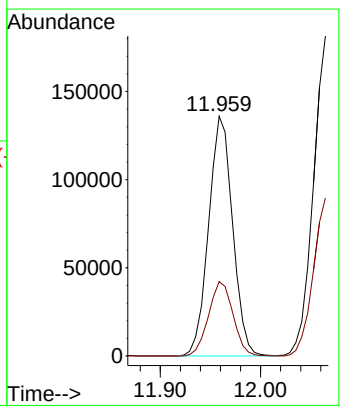


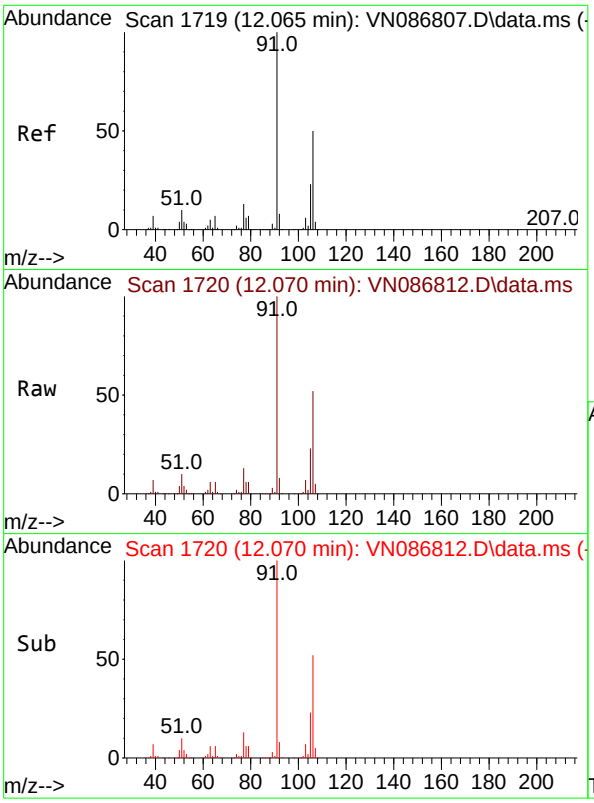


#66
Ethyl Benzene
Concen: 18.817 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 226179

Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.6	35.4





#67
m/p-Xylenes
Concen: 38.318 ug/l
RT: 12.070 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

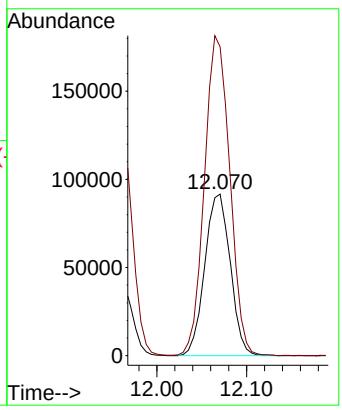
Tgt Ion:106 Resp: 18073

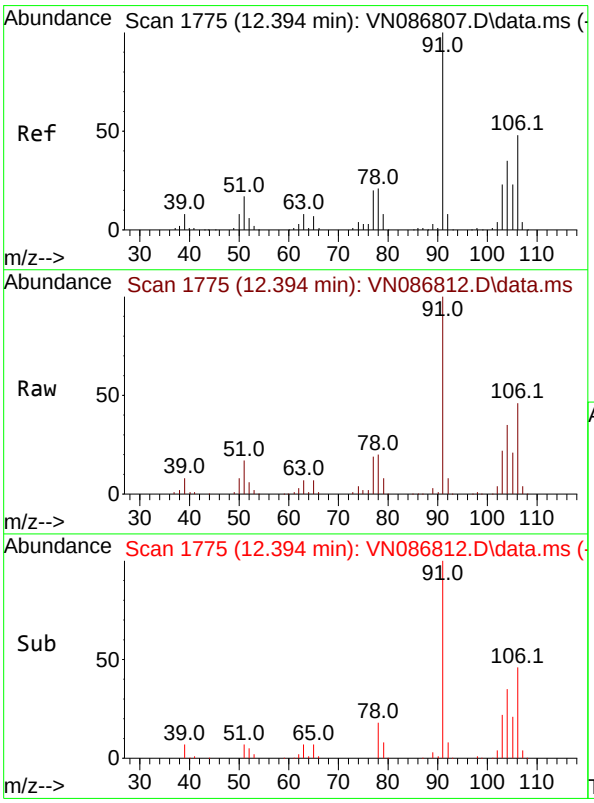
Ion	Ratio	Lower	Upper
106	100		
91	197.3	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

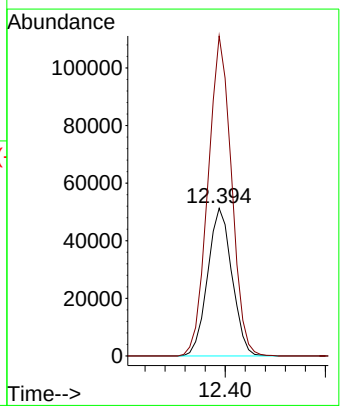


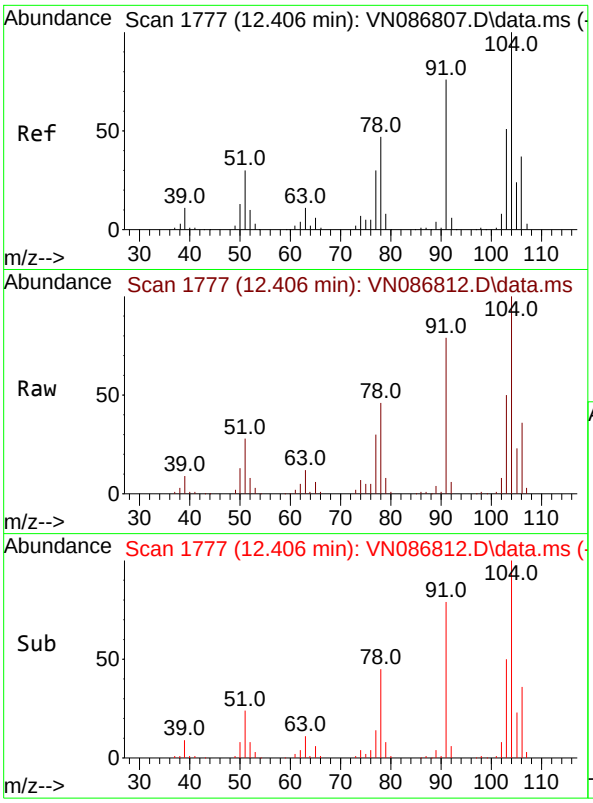


#68
o-Xylene
Concen: 18.922 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:106 Resp: 86496

Ion	Ratio	Lower	Upper
106	100		
91	209.4	106.3	318.9

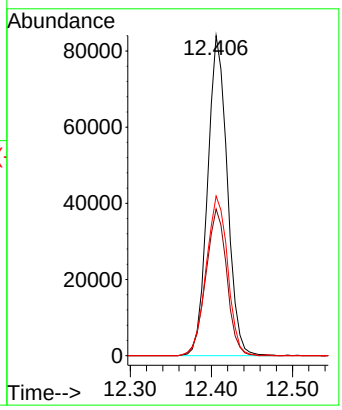




#69
Styrene
Concen: 18.542 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:104 Resp: 14121

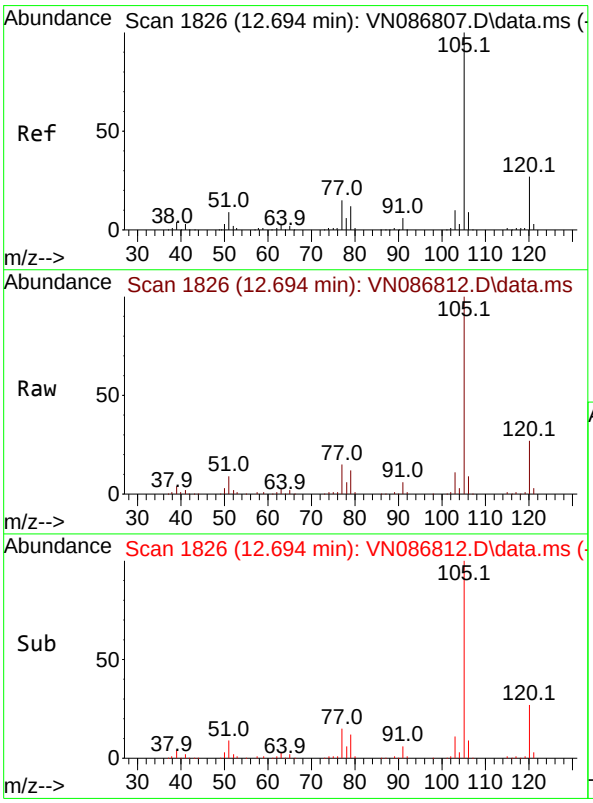
Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.6	57.8
103	54.6	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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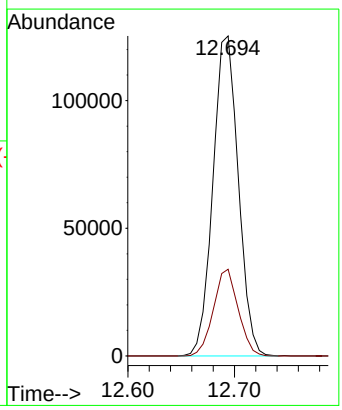
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

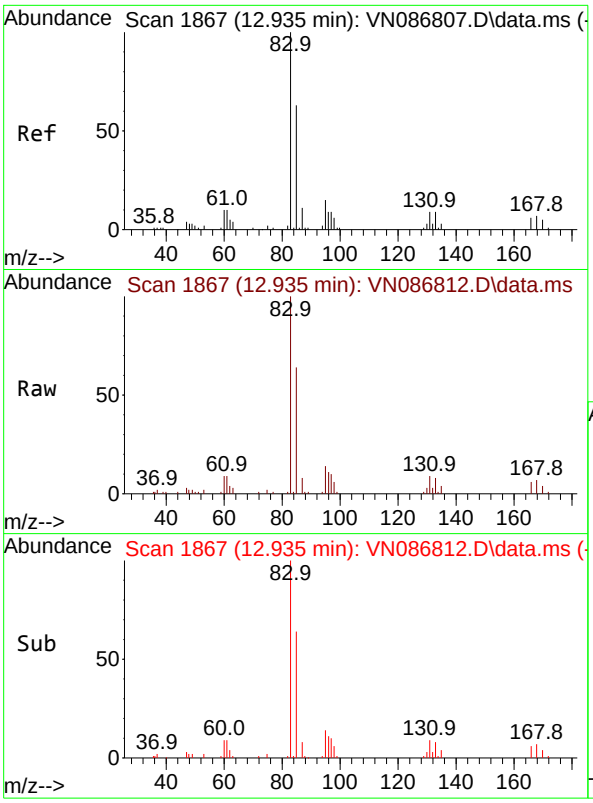


#70
Isopropylbenzene
Concen: 19.055 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 207175

Ion	Ratio	Lower	Upper
105	100		
120	26.4	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

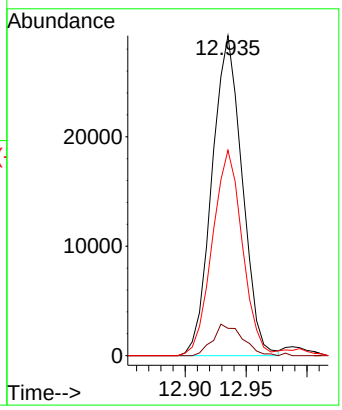
Tgt Ion: 83 Resp: 5047

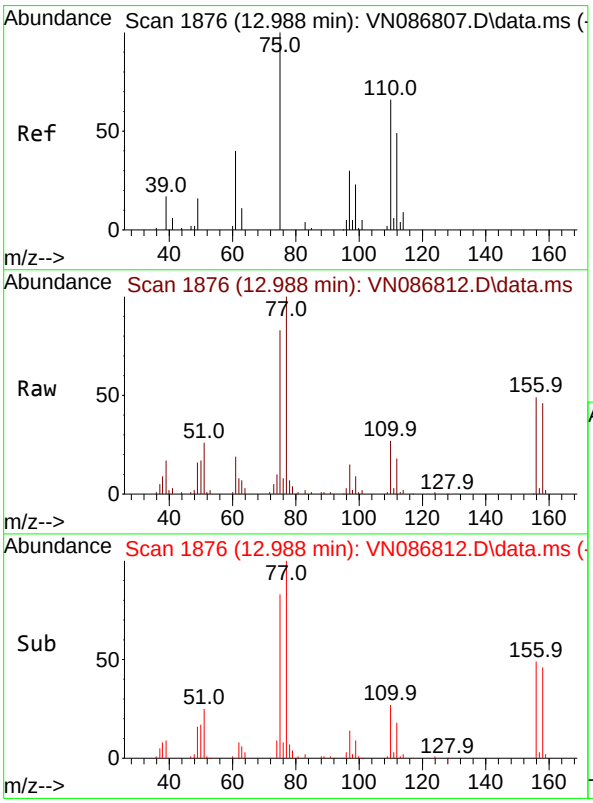
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	63.7	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

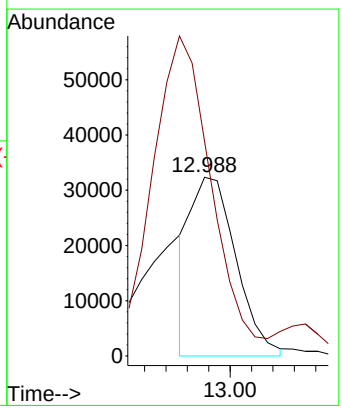


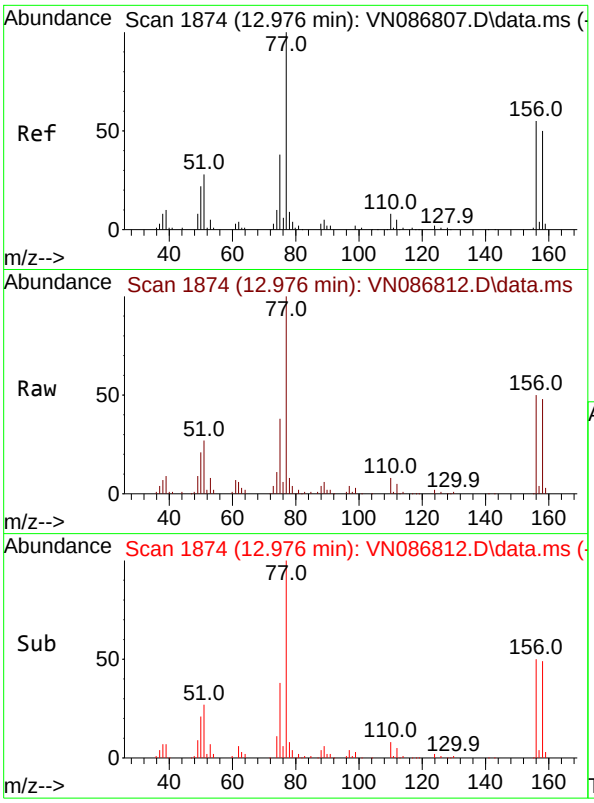


#72
1,2,3-Trichloropropane
Concen: 15.856 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 48037

Ion	Ratio	Lower	Upper
75	100		
77	234.6	0.0	390.6





#73
Bromobenzene
Concen: 18.586 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

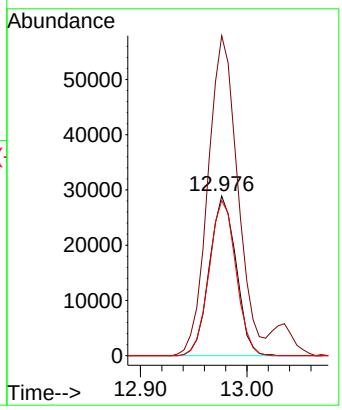
Tgt Ion:156 Resp: 5022

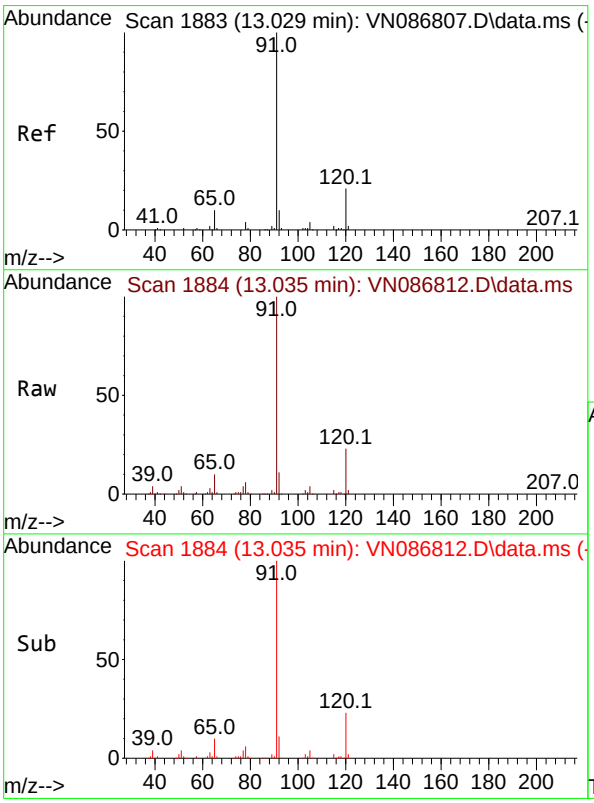
Ion	Ratio	Lower	Upper
156	100		
77	224.4	0.0	442.0
158	97.7	0.0	191.8

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

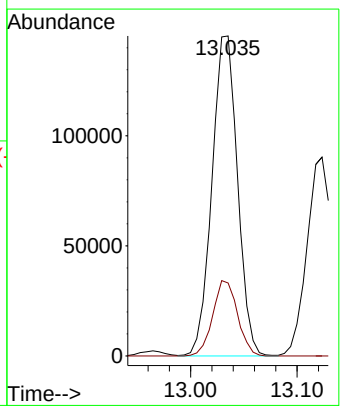


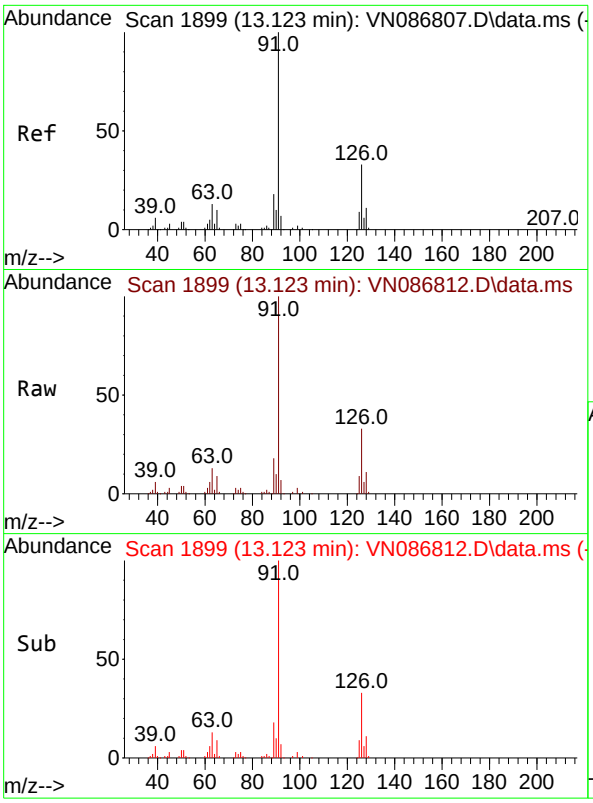


#74
n-propylbenzene
Concen: 18.813 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 242286

Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	45.6

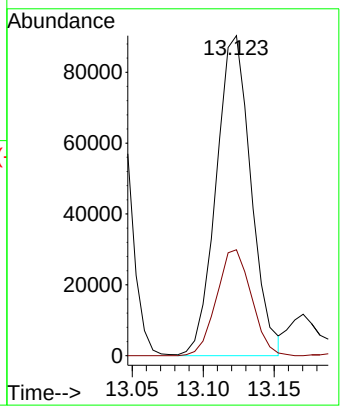




#75
2-Chlorotoluene
Concen: 18.675 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 15436

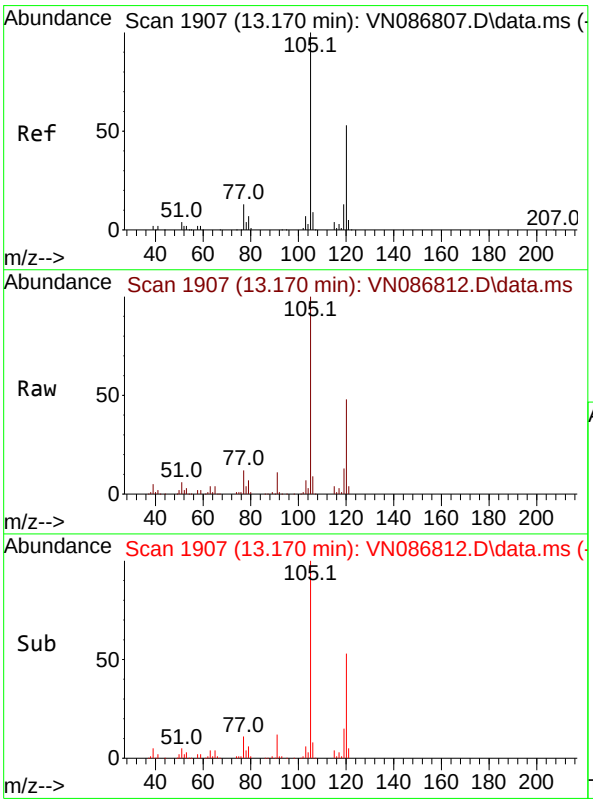
Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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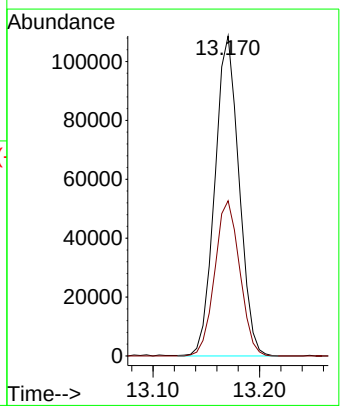
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

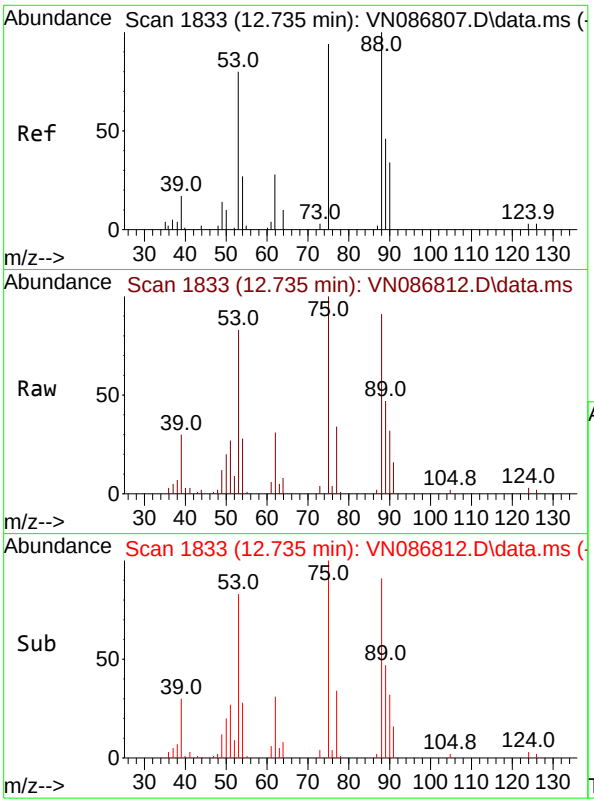


#76
1,3,5-Trimethylbenzene
Concen: 18.942 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 171325

Ion	Ratio	Lower	Upper
105	100		
120	49.9	0.0	101.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.419 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

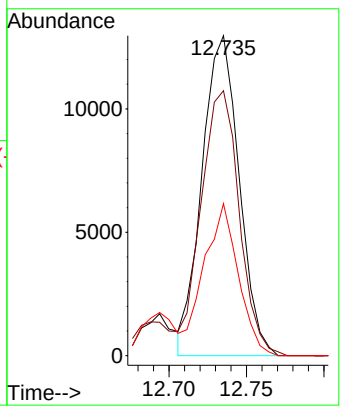
Tgt Ion: 75 Resp: 2159

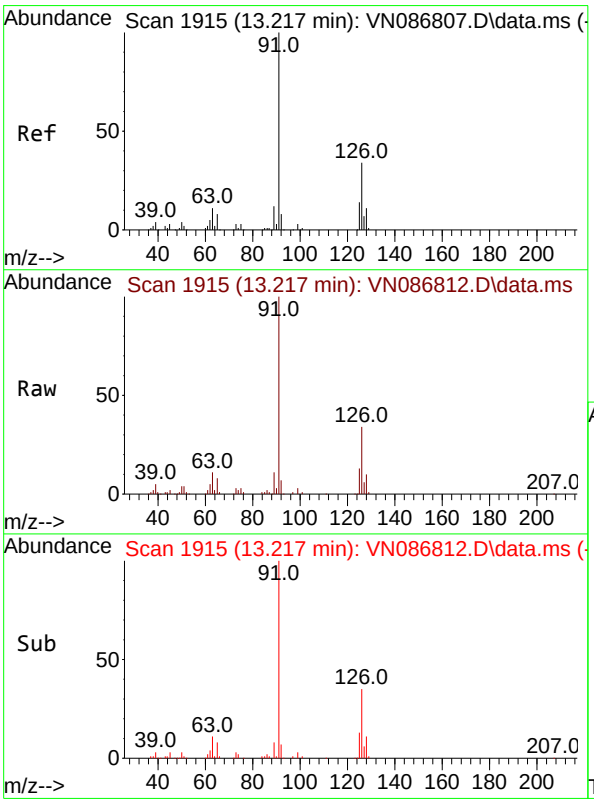
Ion	Ratio	Lower	Upper
75	100		
53	81.6	43.0	128.8
89	47.5	25.4	76.2

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

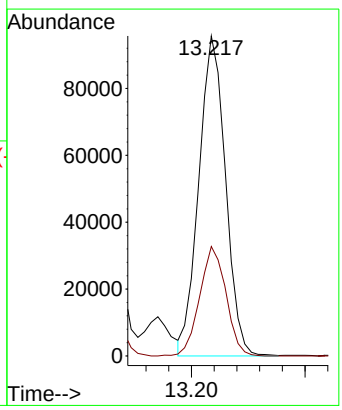


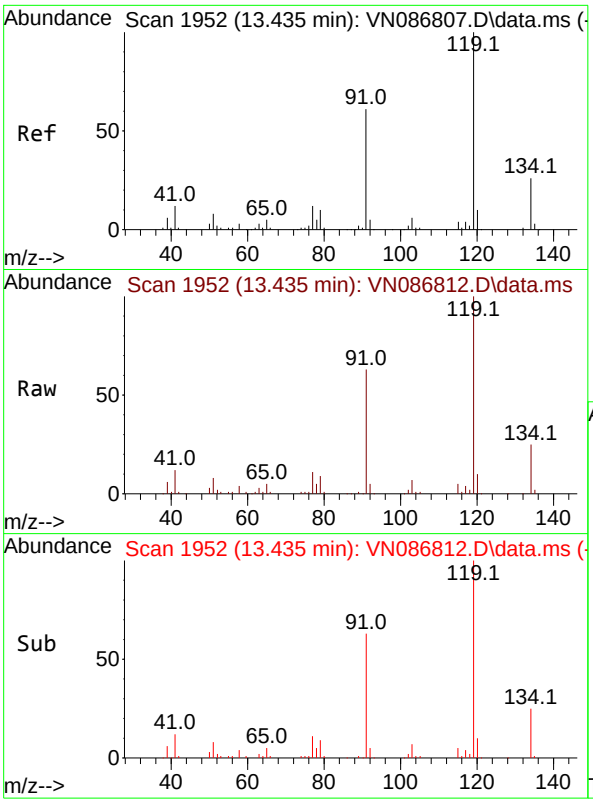


#78
4-Chlorotoluene
Concen: 19.049 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 91 Resp: 155978

Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	66.6





#79
tert-butylbenzene
Concen: 18.642 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

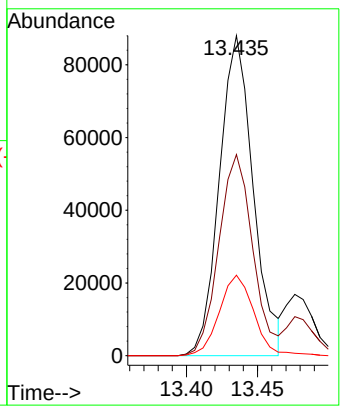
Tgt Ion:119 Resp: 14578

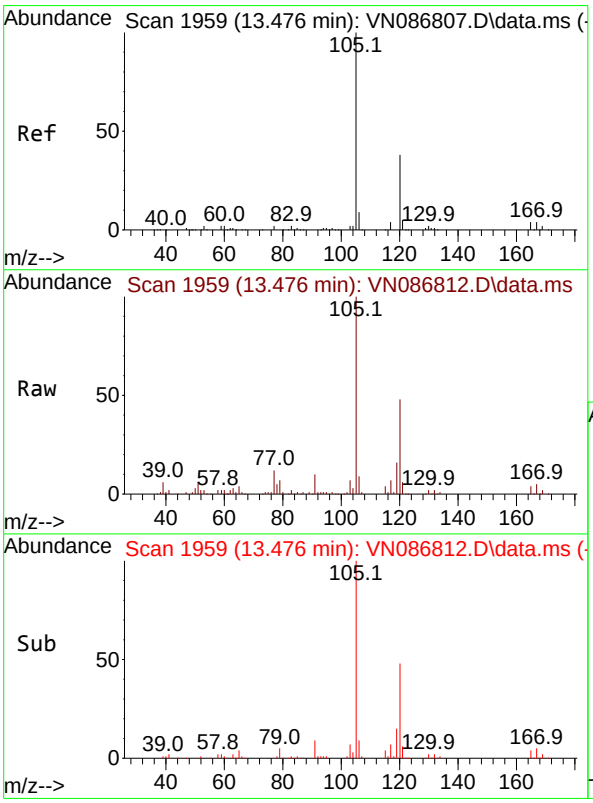
Ion	Ratio	Lower	Upper
119	100		
91	63.3	0.0	130.4
134	25.7	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

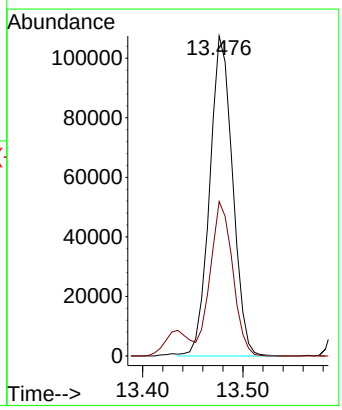


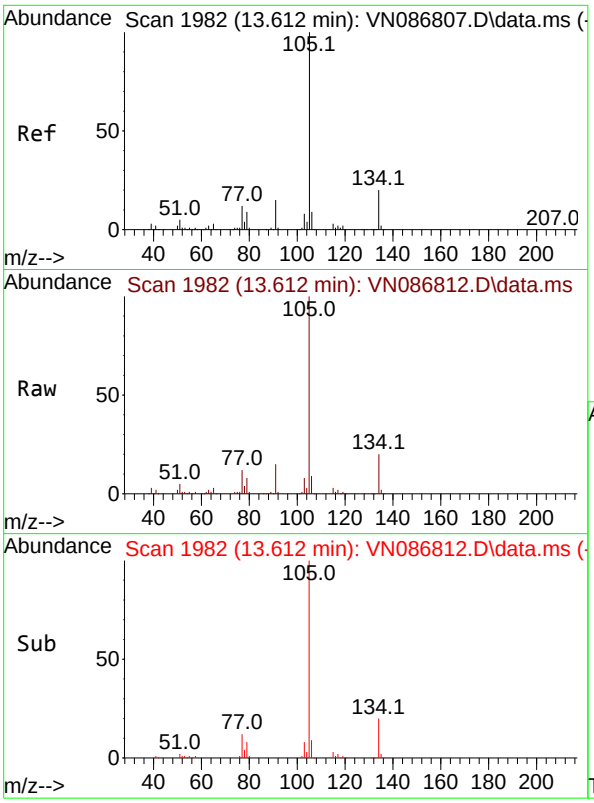


#80
1,2,4-Trimethylbenzene
Concen: 18.799 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 170675

Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	92.2

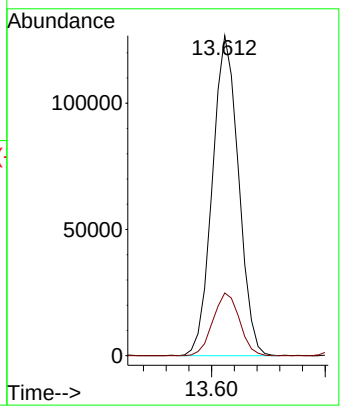




#81
sec-Butylbenzene
Concen: 19.027 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:105 Resp: 20271

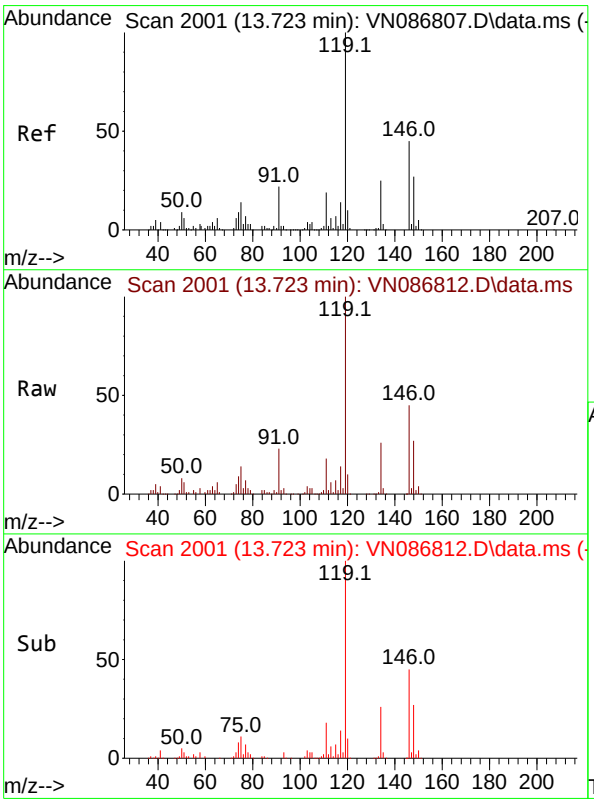
Ion	Ratio	Lower	Upper
105	100		
134	19.8	0.0	40.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

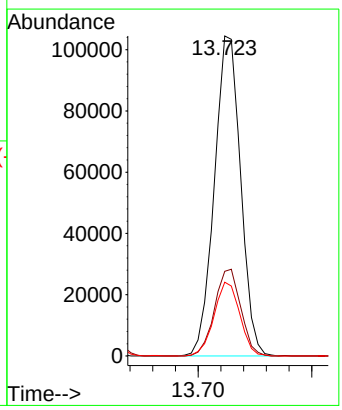
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

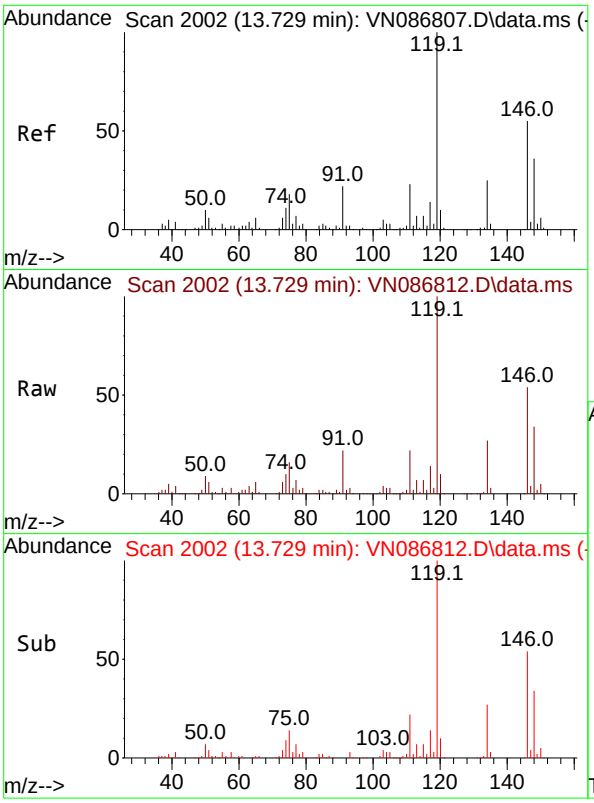


#82
p-Isopropyltoluene
Concen: 18.774 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:119 Resp: 167950

Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	51.8
91	22.6	0.0	45.2

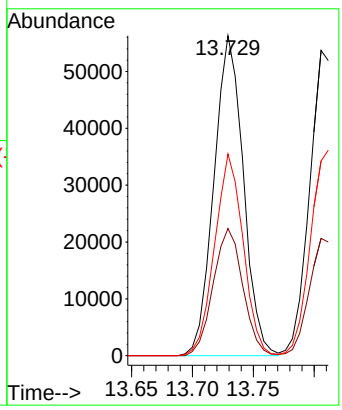




#83
1,3-Dichlorobenzene
Concen: 19.076 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:146 Resp: 9457

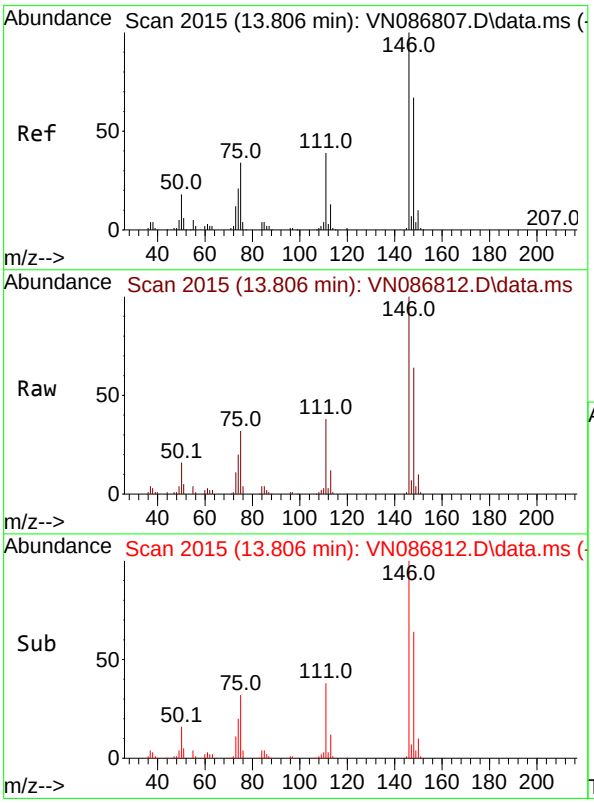
Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.1	63.1
148	61.3	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

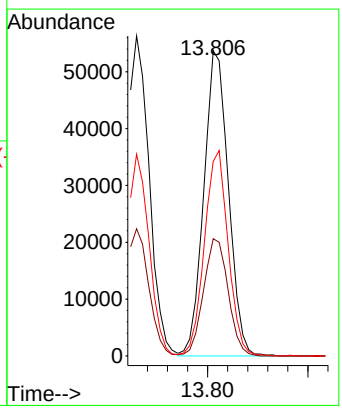
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

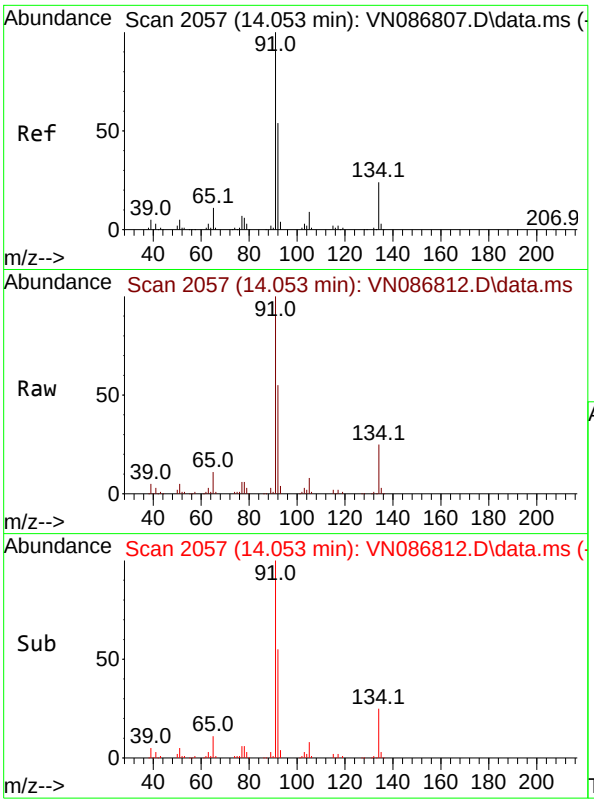


#84
1,4-Dichlorobenzene
Concen: 18.598 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:146 Resp: 91755

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.8	59.4
148	65.0	31.9	95.5





#85
n-Butylbenzene
Concen: 18.451 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

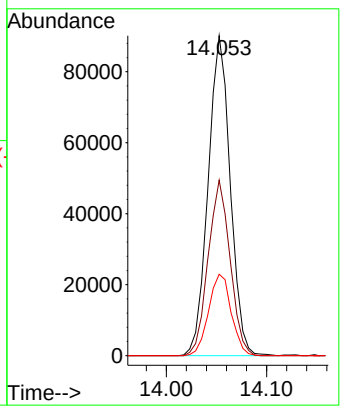
Tgt Ion: 91 Resp: 13818

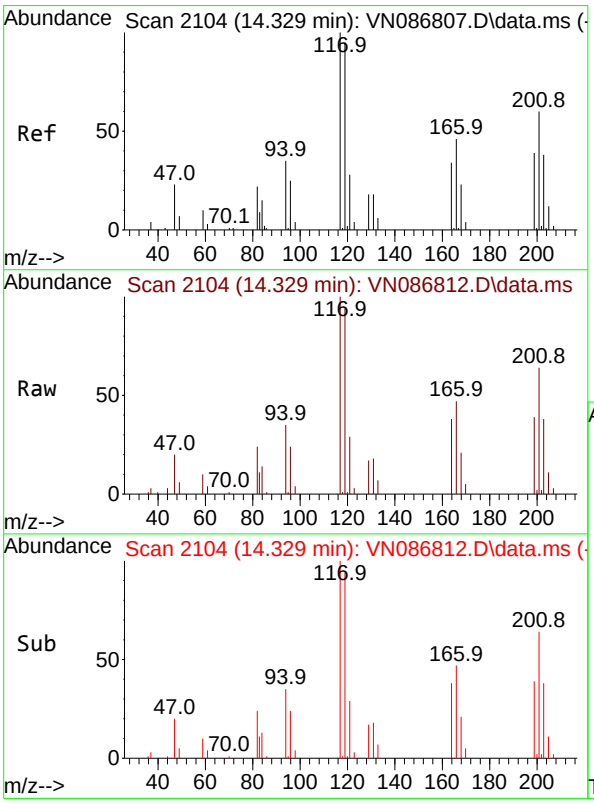
Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	107.6
134	26.1	0.0	50.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

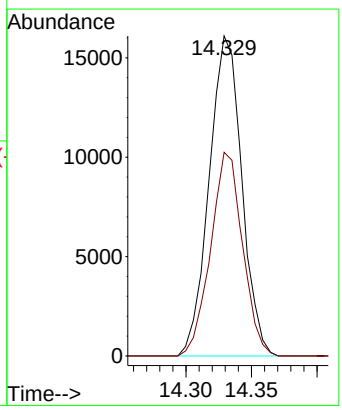


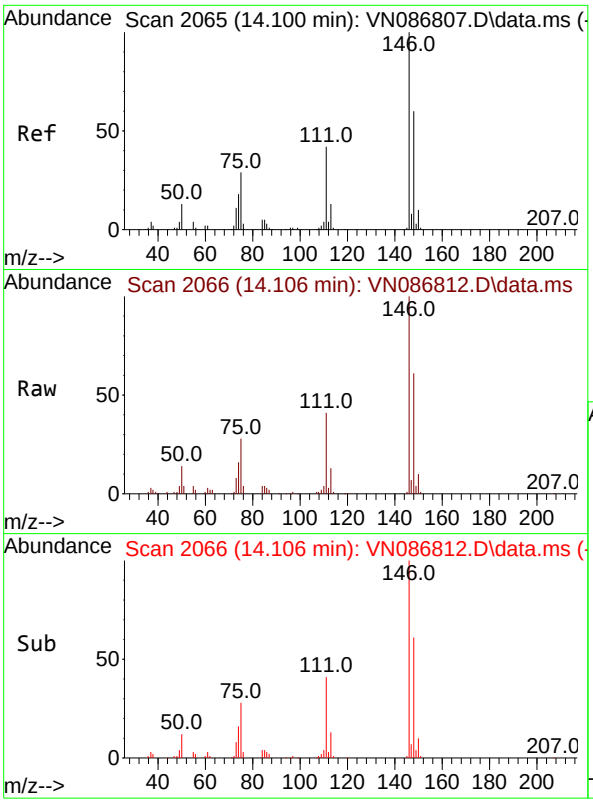


#86
Hexachloroethane
Concen: 18.262 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:117 Resp: 27843

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.4	94.3





#87
1,2-Dichlorobenzene
Concen: 19.085 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

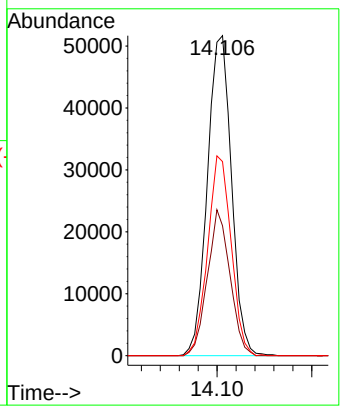
Tgt Ion:146 Resp: 9126

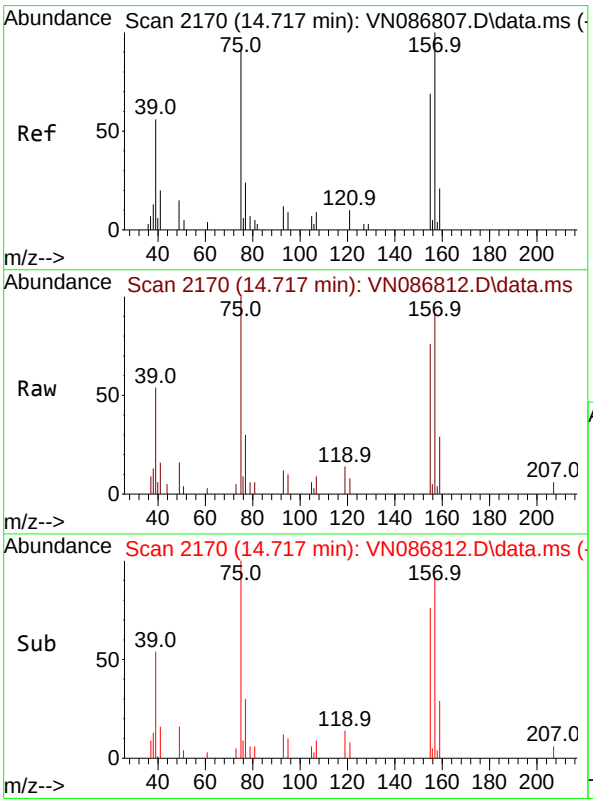
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	64.8
148	60.9	31.6	94.7

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

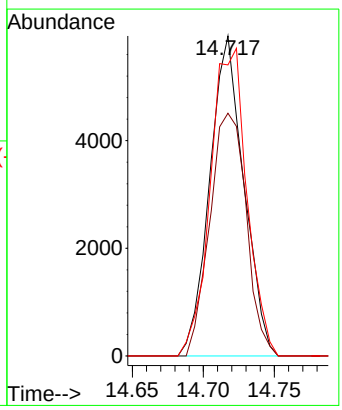


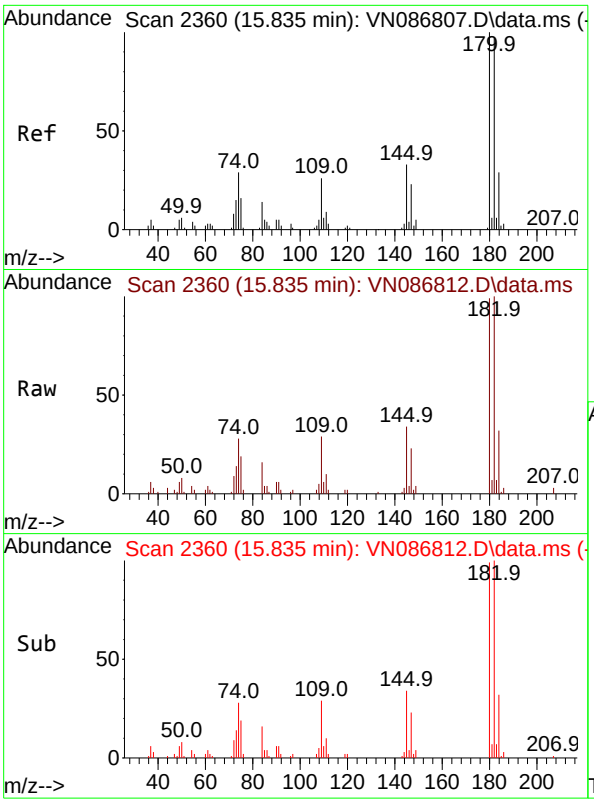


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.238 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion: 75 Resp: 9928

Ion	Ratio	Lower	Upper
75	100		
155	81.0	62.9	94.3
157	102.7	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 19.135 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

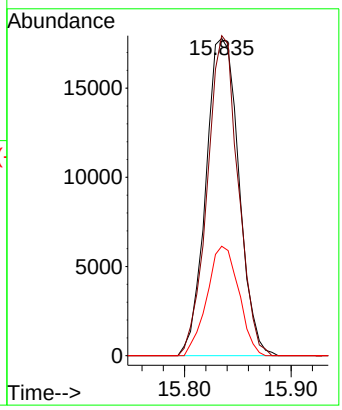
Tgt Ion:180 Resp: 3829

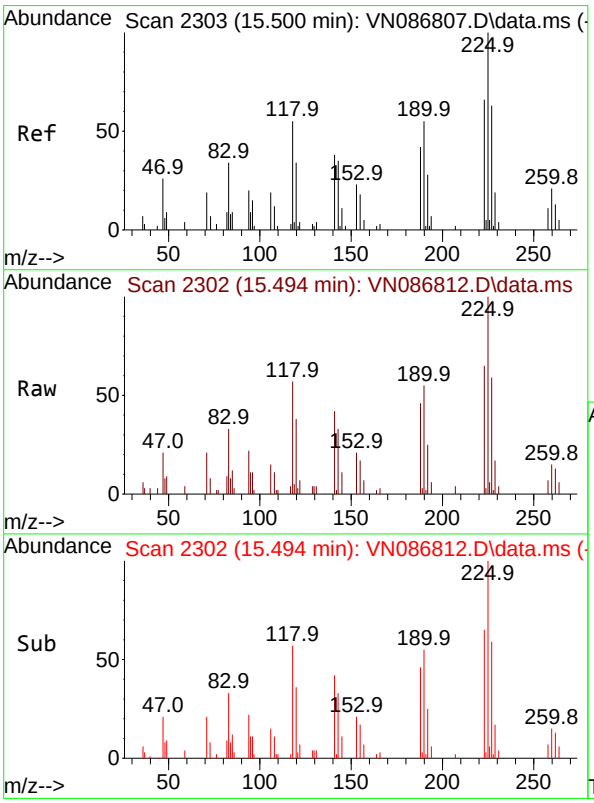
Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.2
145	33.2	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

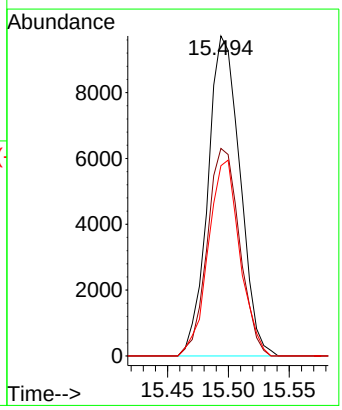


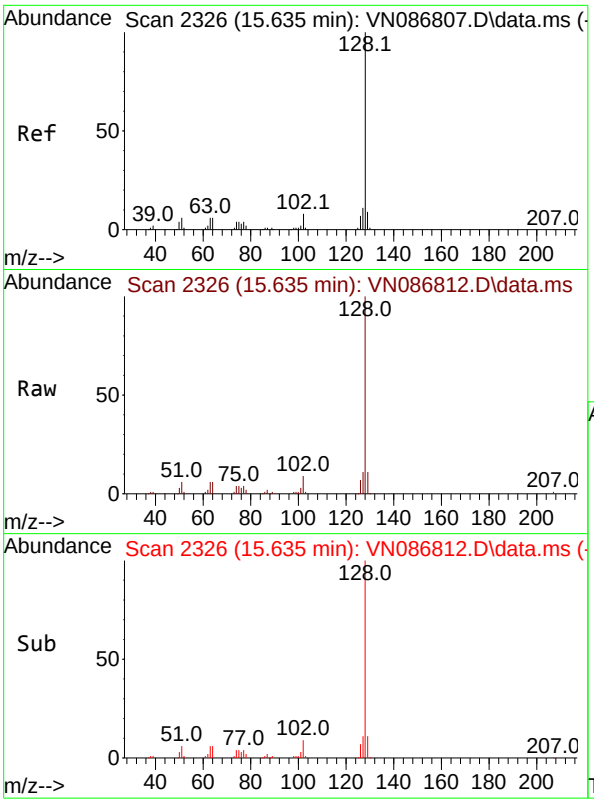


#90
Hexachlorobutadiene
Concen: 20.805 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:225 Resp: 17847

Ion	Ratio	Lower	Upper
225	100		
223	65.2	0.0	135.8
227	60.2	0.0	125.0

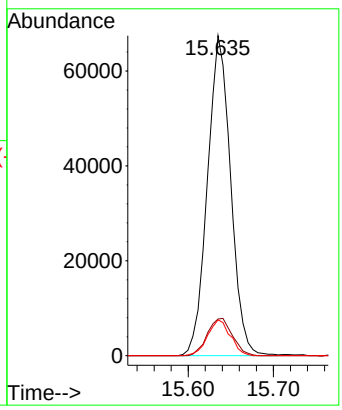




#91
Naphthalene
Concen: 18.317 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:128 Resp: 12791

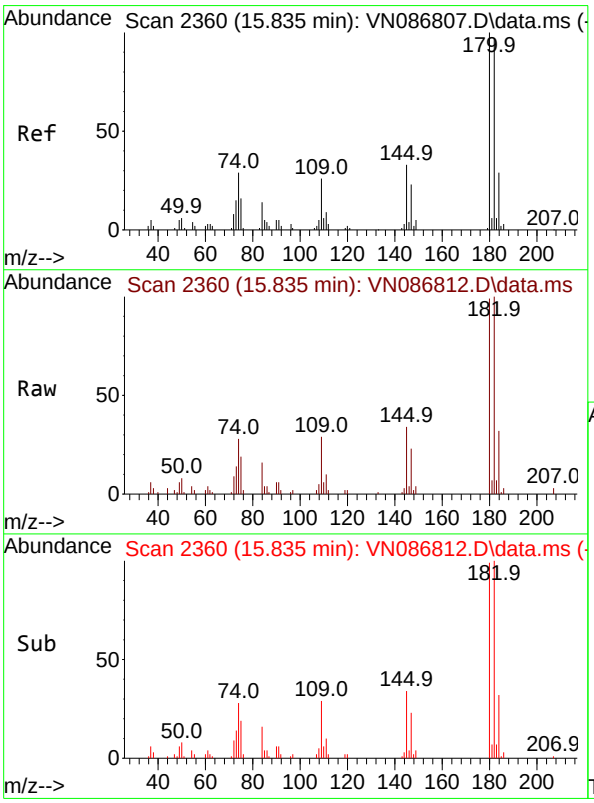
Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.8	14.6
129	11.0	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Manual Integrations
APPROVED

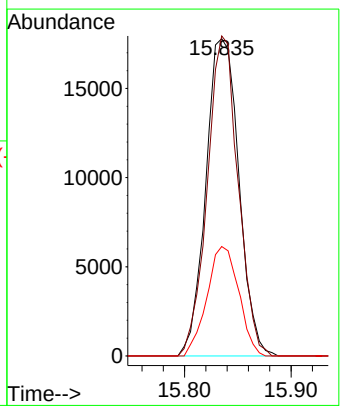
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.135 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086812.D
Acq: 29 May 2025 13:29

Tgt Ion:180 Resp: 38298

Ion	Ratio	Lower	Upper
180	100		
182	94.0	0.0	195.4
145	33.2	0.0	70.0



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 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	Bromochloromethane	1.000	1.000	0.0	106	0.00
2	M	Dichlorodifluoromethane	2.038	1.997	2.0	99	0.00
3	M	Chloromethane	2.627	2.483	5.5	97	0.00
4	M	Vinyl Chloride	2.418	2.306	4.6	98	0.00
5	M	Bromomethane	1.281	1.248	2.6	99	0.00
6	M	Chloroethane	1.479	1.368	7.5	94	0.00
7	M	Trichlorofluoromethane	2.832	2.683	5.3	99	0.00
8	T	Diethyl Ether	1.181	1.134	4.0	103	0.00
9		1,1,2-Trichlorotrifluoroeth	1.735	1.659	4.4	99	0.00
10	M	1,1-Dichloroethene	1.769	1.709	3.4	103	0.00
11		Methyl Iodide	2.086	1.947	6.7	101	0.00
12		Methyl Acetate	1.965	1.777	9.6	96	0.00
13	M	Acrolein	0.203	0.206	-1.5	111	0.00
14	M	Acrylonitrile	0.914	0.828	9.4	95	0.00
15	M	Acetone	0.232	0.258	-11.2	116	0.00
16	M	Carbon Disulfide	5.164	4.971	3.7	101	0.00
17		Allyl chloride	2.628	2.521	4.1	101	0.00
18	M	Methylene Chloride	2.055	1.933	5.9	98	0.00
19	M	trans-1,2-Dichloroethene	1.851	1.777	4.0	100	0.00
20	T	Diisopropyl ether	5.789	5.533	4.4	97	0.00
21	M	1,1-Dichloroethane	3.493	3.293	5.7	97	0.00
22	M	cis-1,2-Dichloroethene	2.242	2.113	5.8	99	0.00
23	M	tert-Butyl Alcohol	0.294	0.268	8.8	95	0.00
24	M	Methyl tert-Butyl Ether	5.831	5.571	4.5	101	0.00
25	M	Chloroform	3.419	3.203	6.3	98	0.00
26		Cyclohexane	3.023	2.847	5.8	99	0.00
27	s	1,2-Dichloroethane-d4	2.061	2.060	0.0	105	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29		1,1-Dichloropropene	0.441	0.415	5.9	99	0.00
30	M	2-Butanone	0.193	0.186	3.6	101	0.00
31		2,2-Dichloropropane	0.521	0.499	4.2	100	0.00
32	M	1,1,1-Trichloroethane	0.511	0.488	4.5	100	0.00
33	M	Carbon Tetrachloride	0.437	0.409	6.4	99	0.00
34	M	Benzene	1.435	1.367	4.7	99	0.00
35		Methacrylonitrile	0.222	0.210	5.4	96	0.00
36	M	1,2-Dichloroethane	0.421	0.397	5.7	98	0.00
37	M	Trichloroethene	0.398	0.363	8.8	98	0.00
38		Methylcyclohexane	0.489	0.476	2.7	105	0.00
39	M	1,2-Dichloropropane	0.346	0.322	6.9	97	0.00
40		Dibromomethane	0.226	0.216	4.4	100	0.00
41	M	Bromodichloromethane	0.473	0.434	8.2	97	0.00
42	M	Vinyl Acetate	0.563	0.552	2.0	99	0.00
43		Ethyl Acetate	0.395	0.358	9.4	92	0.00
44		Isopropyl Acetate	0.678	0.635	6.3	97	0.00
45	T	1,4-Dioxane	0.006	0.005	16.7	92	0.00
46		Methyl methacrylate	0.313	0.289	7.7	99	0.00
47		n-amyl Acetate	0.545	0.499	8.4	95	0.00
48	M	t-1,3-Dichloropropene	0.506	0.477	5.7	100	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 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	cis-1,3-Dichloropropene	0.557	0.523	6.1	101	0.00
50	M	1,1,2-Trichloroethane	0.318	0.301	5.3	100	0.00
51		Ethyl methacrylate	0.515	0.477	7.4	100	0.00
52		1,3-Dichloropropane	0.565	0.528	6.5	99	0.00
53	M	Dibromochloromethane	0.360	0.327	9.2	98	0.00
54	M	1,2-Dibromoethane	0.325	0.297	8.6	96	0.00
55	M	2-Chloroethyl vinyl ether	0.247	0.225	8.9	100	0.00
56	M	Bromoform	0.227	0.205	9.7	96	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.440	0.419	4.8	96	0.00
59	M	2-Hexanone	0.315	0.305	3.2	99	0.00
60	S	4-Bromofluorobenzene	0.471	0.467	0.8	104	0.00
61	M	Tetrachloroethene	0.504	0.482	4.4	100	0.00
62	M	Toluene	1.690	1.640	3.0	100	0.00
63	S	Toluene-d8	1.377	1.393	-1.2	105	0.00
64	M	Chlorobenzene	1.078	1.028	4.6	99	0.00
65		1,1,1,2-Tetrachloroethane	0.354	0.332	6.2	98	0.00
66	M	Ethyl Benzene	1.828	1.719	6.0	98	0.00
67	M	m/p-Xylenes	0.717	0.687	4.2	99	0.00
68	M	o-Xylene	0.695	0.658	5.3	99	0.00
69	M	Styrene	1.158	1.074	7.3	97	0.00
70		Isopropylbenzene	1.653	1.575	4.7	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.393	0.384	2.3	98	0.00
72		1,2,3-Trichloropropane	0.461	0.365	20.8	82	0.00
73		Bromobenzene	0.411	0.382	7.1	96	0.00
74		n-propylbenzene	1.958	1.842	5.9	98	0.00
75		2-Chlorotoluene	1.257	1.173	6.7	97	0.00
76		1,3,5-Trimethylbenzene	1.375	1.302	5.3	99	0.00
77		t-1,4-Dichloro-2-butene	0.189	0.164	13.2	95	0.00
78		4-Chlorotoluene	1.245	1.186	4.7	100	0.00
79		tert-butylbenzene	1.189	1.108	6.8	98	0.00
80		1,2,4-Trimethylbenzene	1.380	1.297	6.0	98	0.00
81		sec-Butylbenzene	1.620	1.541	4.9	100	0.00
82		p-Isopropyltoluene	1.360	1.277	6.1	99	0.00
83	M	1,3-Dichlorobenzene	0.754	0.719	4.6	103	0.00
84	M	1,4-Dichlorobenzene	0.750	0.698	6.9	100	0.00
85		n-Butylbenzene	1.139	1.050	7.8	101	0.00
86	T	Hexachloroethane	0.232	0.212	8.6	98	0.00
87	M	1,2-Dichlorobenzene	0.727	0.694	4.5	102	0.00
88		1,2-Dibromo-3-Chloropropane	0.083	0.075	9.6	99	0.00
89		1,2,4-Trichlorobenzene	0.304	0.291	4.3	109	0.00
90		Hexachlorobutadiene	0.130	0.136	-4.6	116	0.00
91	M	Naphthalene	1.062	0.972	8.5	107	0.00
92		1,2,3-Trichlorobenzene	0.304	0.291	4.3	109	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 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	Bromochloromethane	30.000	30.000	0.0	106	0.00
2	M	Dichlorodifluoromethane	20.000	19.598	2.0	99	0.00
3	M	Chloromethane	20.000	18.906	5.5	97	0.00
4	M	Vinyl Chloride	20.000	19.077	4.6	98	0.00
5	M	Bromomethane	20.000	19.484	2.6	99	0.00
6	M	Chloroethane	20.000	18.505	7.5	94	0.00
7	M	Trichlorofluoromethane	20.000	18.950	5.3	99	0.00
8	T	Diethyl Ether	20.000	19.200	4.0	103	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.116	4.4	99	0.00
10	M	1,1-Dichloroethene	20.000	19.314	3.4	103	0.00
11		Methyl Iodide	20.000	18.669	6.7	101	0.00
12		Methyl Acetate	20.000	18.092	9.5	96	0.00
13	M	Acrolein	100.000	101.300	-1.3	111	0.00
14	M	Acrylonitrile	100.000	90.599	9.4	95	0.00
15	M	Acetone	100.000	111.509	-11.5	116	0.00
16	M	Carbon Disulfide	20.000	19.252	3.7	101	0.00
17		Allyl chloride	20.000	19.181	4.1	101	0.00
18	M	Methylene Chloride	20.000	18.813	5.9	98	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.199	4.0	100	0.00
20	T	Diisopropyl ether	20.000	19.116	4.4	97	0.00
21	M	1,1-Dichloroethane	20.000	18.851	5.7	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	18.849	5.8	99	0.00
23	M	tert-Butyl Alcohol	100.000	91.427	8.6	95	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.108	4.5	101	0.00
25	M	Chloroform	20.000	18.736	6.3	98	0.00
26		Cyclohexane	20.000	18.832	5.8	99	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.975	0.1	105	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29		1,1-Dichloropropene	20.000	18.820	5.9	99	0.00
30	M	2-Butanone	100.000	96.463	3.5	101	0.00
31		2,2-Dichloropropane	20.000	19.149	4.3	100	0.00
32	M	1,1,1-Trichloroethane	20.000	19.080	4.6	100	0.00
33	M	Carbon Tetrachloride	20.000	18.722	6.4	99	0.00
34	M	Benzene	20.000	19.043	4.8	99	0.00
35		Methacrylonitrile	20.000	18.924	5.4	96	0.00
36	M	1,2-Dichloroethane	20.000	18.861	5.7	98	0.00
37	M	Trichloroethene	20.000	18.229	8.9	98	0.00
38		Methylcyclohexane	20.000	19.466	2.7	105	0.00
39	M	1,2-Dichloropropane	20.000	18.621	6.9	97	0.00
40		Dibromomethane	20.000	19.100	4.5	100	0.00
41	M	Bromodichloromethane	20.000	18.370	8.1	97	0.00
42	M	Vinyl Acetate	100.000	97.955	2.0	99	0.00
43		Ethyl Acetate	20.000	18.099	9.5	92	0.00
44		Isopropyl Acetate	20.000	18.715	6.4	97	0.00
45	T	1,4-Dioxane	400.000	357.261	10.7	92	0.00
46		Methyl methacrylate	20.000	18.466	7.7	99	0.00
47		n-amyl Acetate	20.000	18.339	8.3	95	0.00
48	M	t-1,3-Dichloropropene	20.000	18.844	5.8	100	0.00

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086812.D
Acq On : 29 May 2025 13:29
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN052925

Quant Time: May 30 02:27:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 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	cis-1,3-Dichloropropene	20.000	18.781	6.1	101	0.00
50	M	1,1,2-Trichloroethane	20.000	18.912	5.4	100	0.00
51		Ethyl methacrylate	20.000	18.509	7.5	100	0.00
52		1,3-Dichloropropane	20.000	18.680	6.6	99	0.00
53	M	Dibromochloromethane	20.000	18.159	9.2	98	0.00
54	M	1,2-Dibromoethane	20.000	18.259	8.7	96	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.742	9.3	100	0.00
56	M	Bromoform	20.000	18.068	9.7	96	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	100.000	95.151	4.8	96	0.00
59	M	2-Hexanone	100.000	96.760	3.2	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.747	0.8	104	0.00
61	M	Tetrachloroethene	20.000	19.102	4.5	100	0.00
62	M	Toluene	20.000	19.407	3.0	100	0.00
63	S	Toluene-d8	30.000	30.356	-1.2	105	0.00
64	M	Chlorobenzene	20.000	19.086	4.6	99	0.00
65		1,1,1,2-Tetrachloroethane	20.000	18.735	6.3	98	0.00
66	M	Ethyl Benzene	20.000	18.817	5.9	98	0.00
67	M	m/p-Xylenes	40.000	38.318	4.2	99	0.00
68	M	o-Xylene	20.000	18.922	5.4	99	0.00
69	M	Styrene	20.000	18.542	7.3	97	0.00
70		Isopropylbenzene	20.000	19.055	4.7	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.528	2.4	98	0.00
72		1,2,3-Trichloropropane	20.000	15.856	20.7	82	0.00
73		Bromobenzene	20.000	18.586	7.1	96	0.00
74		n-propylbenzene	20.000	18.813	5.9	98	0.00
75		2-Chlorotoluene	20.000	18.675	6.6	97	0.00
76		1,3,5-Trimethylbenzene	20.000	18.942	5.3	99	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.419	12.9	95	0.00
78		4-Chlorotoluene	20.000	19.049	4.8	100	0.00
79		tert-butylbenzene	20.000	18.642	6.8	98	0.00
80		1,2,4-Trimethylbenzene	20.000	18.799	6.0	98	0.00
81		sec-Butylbenzene	20.000	19.027	4.9	100	0.00
82		p-Isopropyltoluene	20.000	18.774	6.1	99	0.00
83	M	1,3-Dichlorobenzene	20.000	19.076	4.6	103	0.00
84	M	1,4-Dichlorobenzene	20.000	18.598	7.0	100	0.00
85		n-Butylbenzene	20.000	18.451	7.7	101	0.00
86	T	Hexachloroethane	20.000	18.262	8.7	98	0.00
87	M	1,2-Dichlorobenzene	20.000	19.085	4.6	102	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.238	8.8	99	0.00
89		1,2,4-Trichlorobenzene	20.000	19.135	4.3	109	0.00
90		Hexachlorobutadiene	20.000	20.805	-4.0	116	0.00
91	M	Naphthalene	20.000	18.317	8.4	107	0.00
92		1,2,3-Trichlorobenzene	20.000	19.135	4.3	109	0.00

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TRIS02

Lab Code: CHEM Case No.: Q2098 SAS No.: Q2098 SDG No.: Q2098

Instrument ID: MSVOA_N Calibration Date/Time: 05/29/2025 11:20

Lab File ID: VN086807.D Init. Calib. Date(s): 05/29/2025 05/29/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:56 12:32

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Ethyl Acetate	0.395	0.415		5.06	
Isopropyl Acetate	0.678	0.694		2.36	
Acetone	0.232	0.235		1.29	
Methylene Chloride	2.055	2.075		0.97	
1,2-Dichloroethane-d4	2.061	2.082		1.02	
Toluene-d8	1.377	1.392		1.09	
4-Bromofluorobenzene	0.471	0.468		-0.64	
n-amyl Acetate	0.545	0.559		2.57	

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\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	37101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	210546	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	189009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77229	30.297	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.000%			
60) 4-Bromofluorobenzene	12.847	95	88476	29.815	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.400%			
63) Toluene-d8	10.565	98	263046	30.321	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52720	20.922	ug/l	100
3) Chloromethane	2.359	50	67271	20.706	ug/l	100
4) Vinyl Chloride	2.512	62	61343	20.517	ug/l	100
5) Bromomethane	2.959	94	32987	20.823	ug/l	100
6) Chloroethane	3.124	64	37880	20.714	ug/l	100
7) Trichlorofluoromethane	3.501	101	70875	20.240	ug/l	100
8) Diethyl Ether	3.959	74	28929	19.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43679	20.353	ug/l	100
10) 1,1-Dichloroethene	4.336	96	43494	19.879	ug/l	100
11) Methyl Iodide	4.589	142	50467	19.567	ug/l	100
12) Methyl Acetate	5.024	43	48303	19.933	ug/l	100
13) Acrolein	4.183	56	24332	96.537	ug/l	100
14) Acrylonitrile	5.718	53	113876	100.708	ug/l	100
15) Acetone	4.418	58	29123	101.722	ug/l	100
16) Carbon Disulfide	4.712	76	128395	20.103	ug/l	100
17) Allyl chloride	5.024	41	65307	20.092	ug/l	100
18) Methylene Chloride	5.277	84	51325	20.199	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	46328	20.233	ug/l	100
20) Diisopropyl ether	6.671	45	149023	20.817	ug/l	100
21) 1,1-Dichloroethane	6.565	63	88434	20.469	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	55609	20.055	ug/l	100
23) tert-Butyl Alcohol	5.518	59	36977	101.832	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	144821	20.083	ug/l	100
25) Chloroform	7.965	83	85389	20.193	ug/l	100
26) Cyclohexane	8.253	56	75338	20.148	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	62257	20.111	ug/l	100
30) 2-Butanone	7.483	43	137625	101.467	ug/l	100
31) 2,2-Dichloropropane	7.483	77	74622	20.421	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	72907	20.317	ug/l	100
33) Carbon Tetrachloride	8.359	117	61922	20.187	ug/l	100
34) Benzene	8.606	78	205111	20.364	ug/l	100
35) Methacrylonitrile	7.777	41	32745	21.016	ug/l	100
36) 1,2-Dichloroethane	8.665	62	60188	20.392	ug/l	100
37) Trichloroethene	9.347	130	55110	19.725	ug/l	100
38) Methylcyclohexane	9.600	83	67964	19.787	ug/l	100
39) 1,2-Dichloropropane	9.618	63	49644	20.472	ug/l	100
40) Dibromomethane	9.706	93	32035	20.198	ug/l	100
41) Bromodichloromethane	9.882	83	66883	20.146	ug/l	100
42) Vinyl Acetate	6.600	43	415639	105.128	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58271	20.995	ug/l	100
44) Isopropyl Acetate	8.683	43	97384	20.454	ug/l	100
45) 1,4-Dioxane	9.694	88	17506	413.686	ug/l	100
46) Methyl methacrylate	9.677	41	43721	19.916	ug/l	100
47) n-amyl Acetate	12.494	43	78489	20.535	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	70982	19.980	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	77477	19.827	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	44971	20.132	ug/l	100
51) Ethyl methacrylate	10.871	69	71253	19.696	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79173	19.972	ug/l	100
53) Dibromochloromethane	11.353	129	49951	19.788	ug/l	100
54) 1,2-Dibromoethane	11.465	107	46157	20.215	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	167435	96.419	ug/l	100
56) Bromoform	12.576	173	31789	19.987	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	287881	103.801	ug/l	100
59) 2-Hexanone	11.188	43	203275	102.323	ug/l	100
61) Tetrachloroethene	11.100	164	63325	19.931	ug/l	100
62) Toluene	10.624	91	216360	20.325	ug/l	100
64) Chlorobenzene	11.888	112	136627	20.126	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	44306	19.866	ug/l	100
66) Ethyl Benzene	11.959	91	231289	20.088	ug/l	100
67) m/p-Xylenes	12.065	106	182175	40.320	ug/l	100
68) o-Xylene	12.394	106	87623	20.011	ug/l	100
69) Styrene	12.406	104	145956	20.007	ug/l	100
70) Isopropylbenzene	12.694	105	209188	20.086	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	51621	20.847	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	58937m	19.320	ug/l	
73) Bromobenzene	12.976	156	52090	20.123	ug/l	100
74) n-propylbenzene	13.029	91	247566	20.068	ug/l	100
75) 2-Chlorotoluene	13.123	91	159048	20.087	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	173075	19.976	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	22762	19.166	ug/l	100
78) 4-Chlorotoluene	13.217	91	155817	19.866	ug/l	100
79) tert-butylbenzene	13.435	119	148370	19.807	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174264	20.038	ug/l	100
81) sec-Butylbenzene	13.612	105	203214	19.913	ug/l	100
82) p-Isopropyltoluene	13.723	119	170107	19.852	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	92198	19.415	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	91531	19.368	ug/l	100
85) n-Butylbenzene	14.053	91	136590	19.040	ug/l	100
86) Hexachloroethane	14.329	117	28367	19.424	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	89883	19.621	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10031	19.237	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100
90) Hexachlorobutadiene	15.500	225	15326	18.652	ug/l	100
91) Naphthalene	15.635	128	119288	17.833	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	35196	18.358	ug/l	100

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

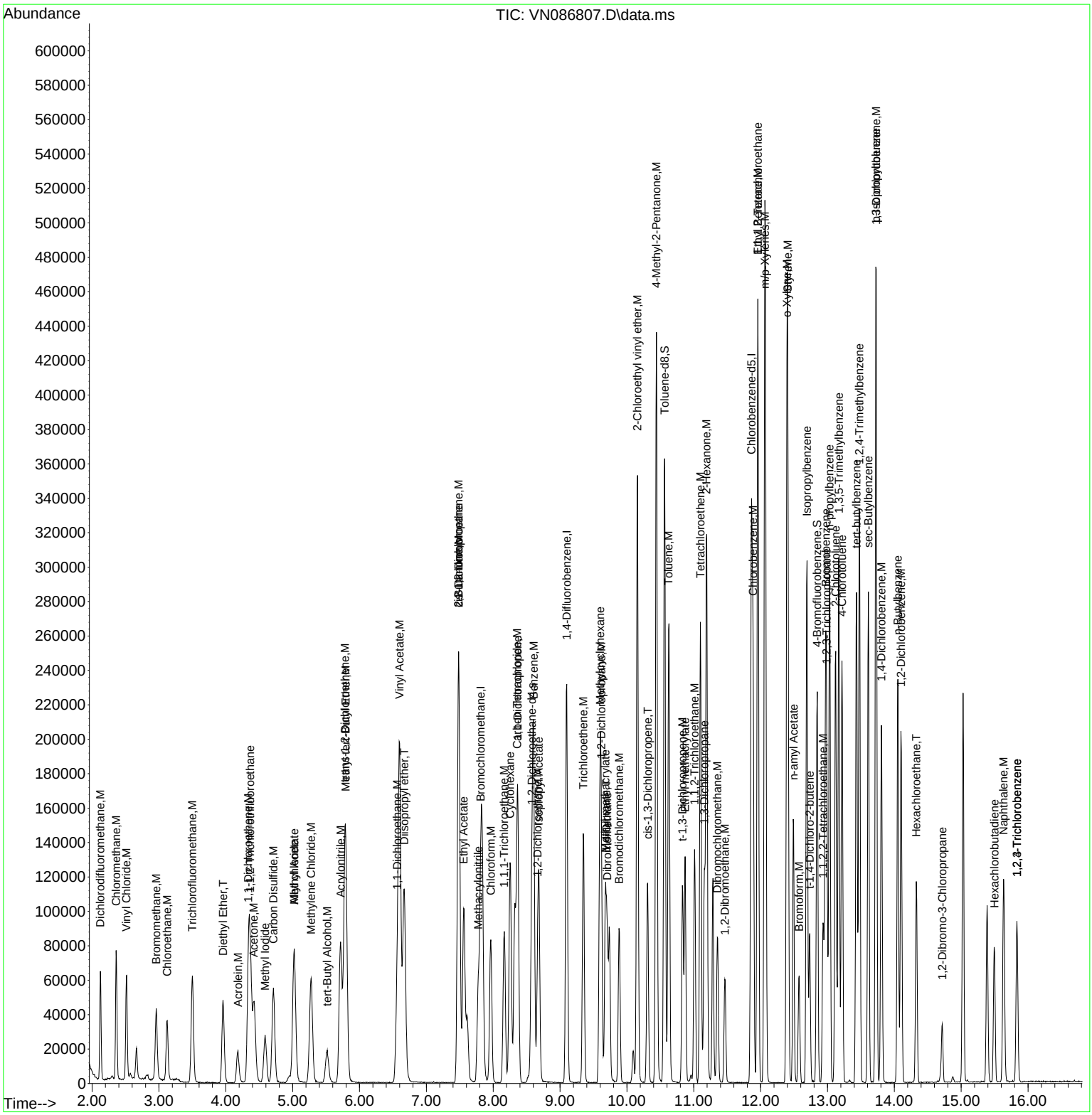
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086807.D
Acq On : 29 May 2025 11:20
Operator : JC\MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

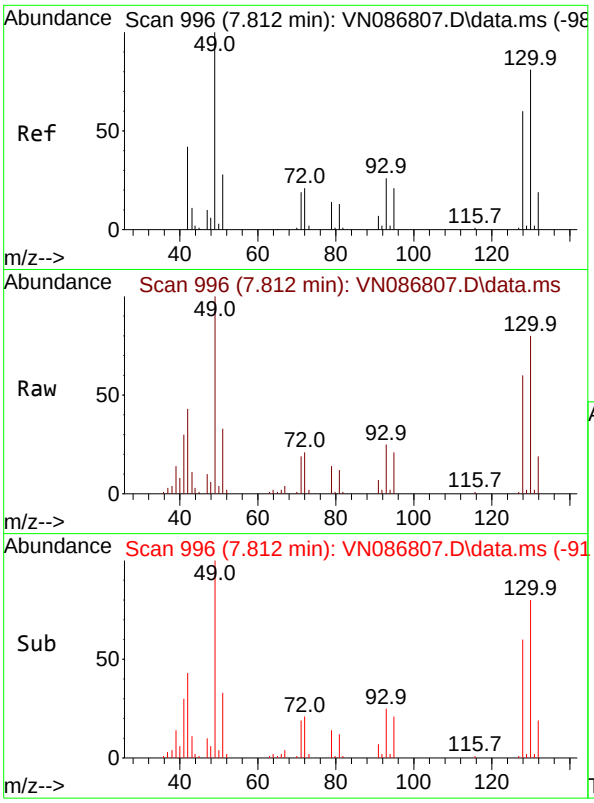
Quant Time: May 30 01:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 01:54:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

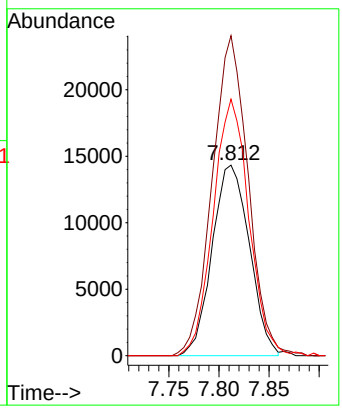
Tgt Ion:128 Resp: 3710

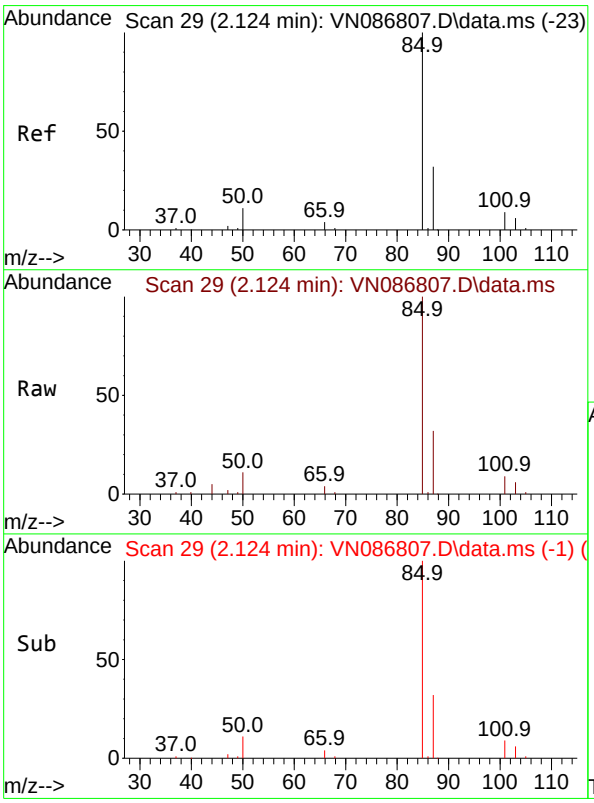
Ion	Ratio	Lower	Upper
128	100		
49	161.8	0.0	404.5
130	128.9	0.0	322.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

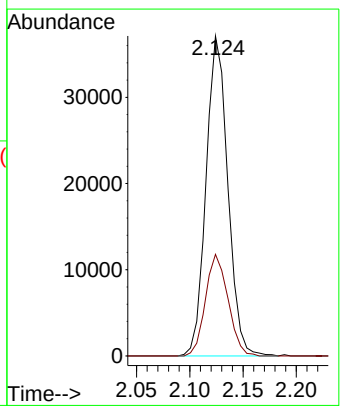


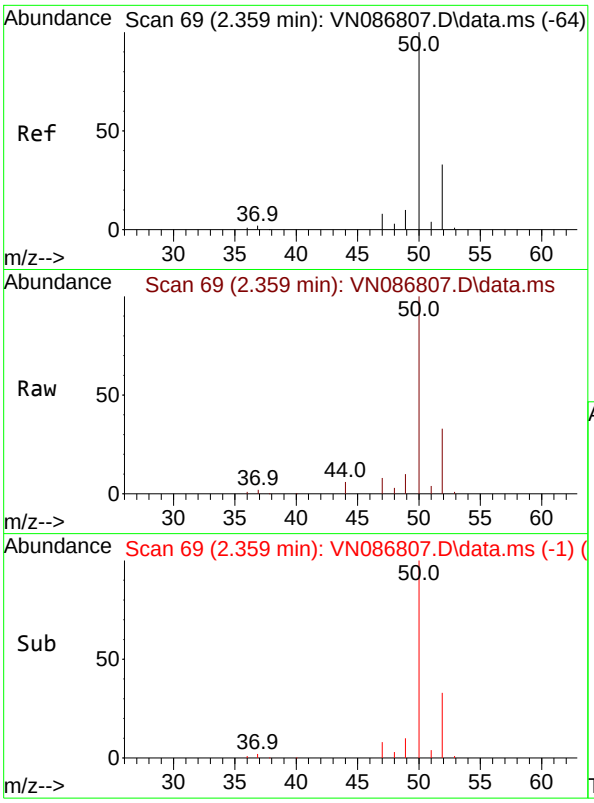


#2
Dichlorodifluoromethane
Concen: 20.922 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 85 Resp: 52720

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.9	47.7

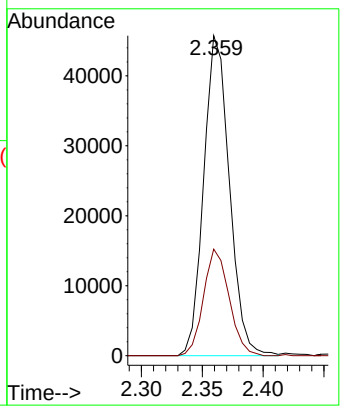




#3
Chloromethane
Concen: 20.706 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 50 Resp: 6727

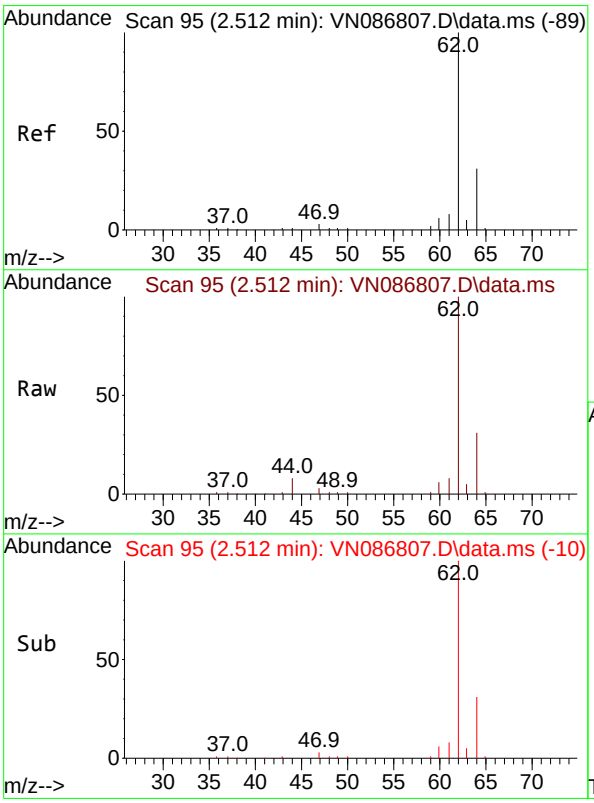
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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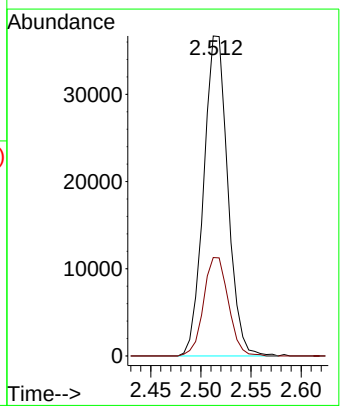
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

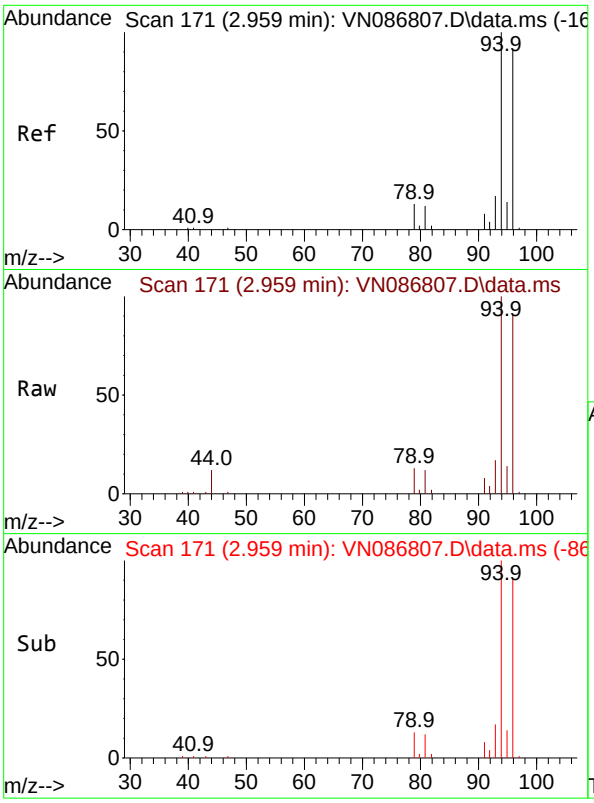


#4
Vinyl Chloride
Concen: 20.517 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 62 Resp: 61343

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.6	36.8





#5
Bromomethane
Concen: 20.823 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

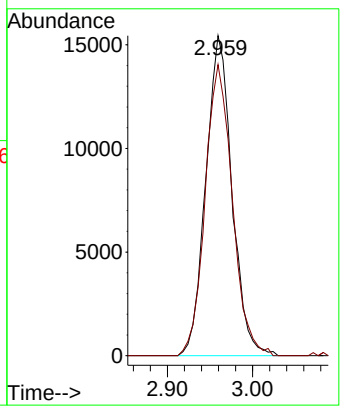
Tgt Ion: 94 Resp: 3298

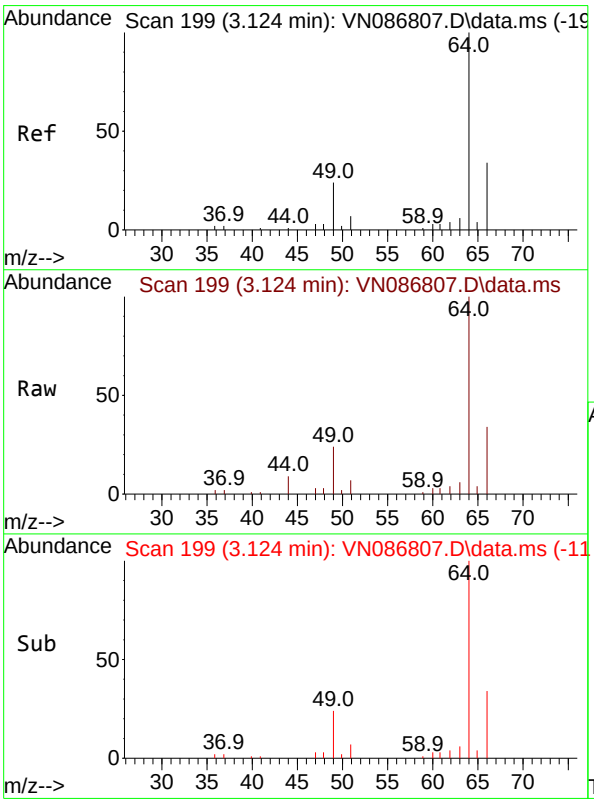
Ion	Ratio	Lower	Upper
94	100		
96	90.9	72.7	109.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

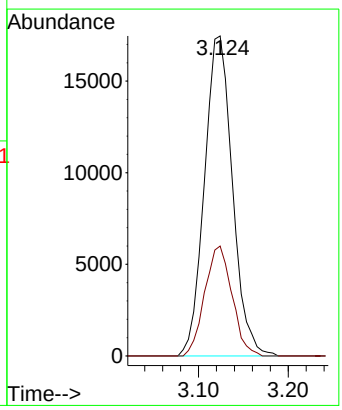


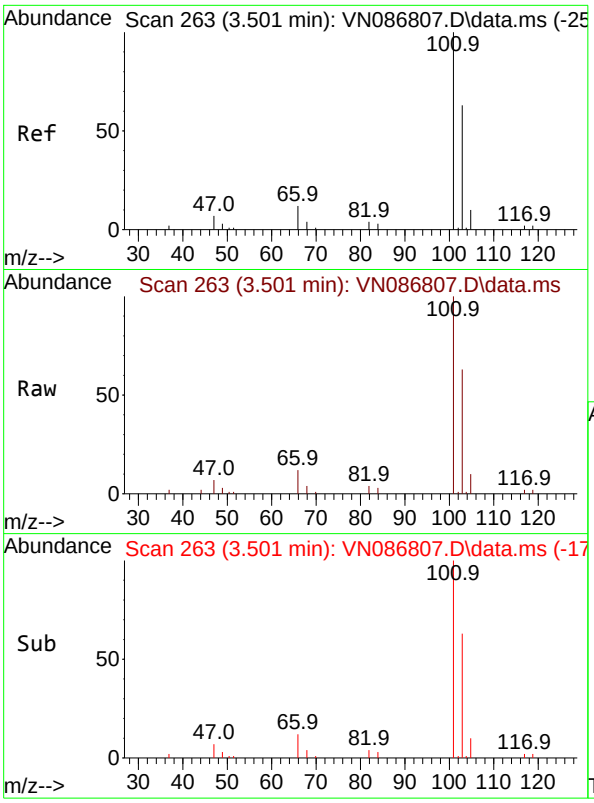


#6
Chloroethane
Concen: 20.714 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 64 Resp: 37880

Ion	Ratio	Lower	Upper
64	100		
66	34.4	27.5	41.3





#7
Trichlorofluoromethane
Concen: 20.240 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

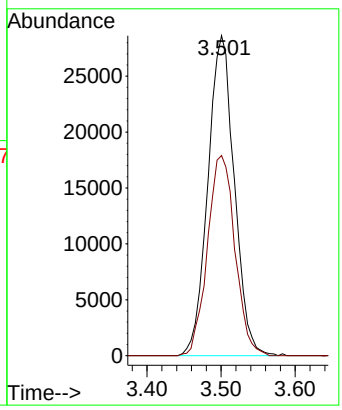
Tgt Ion:101 Resp: 7087

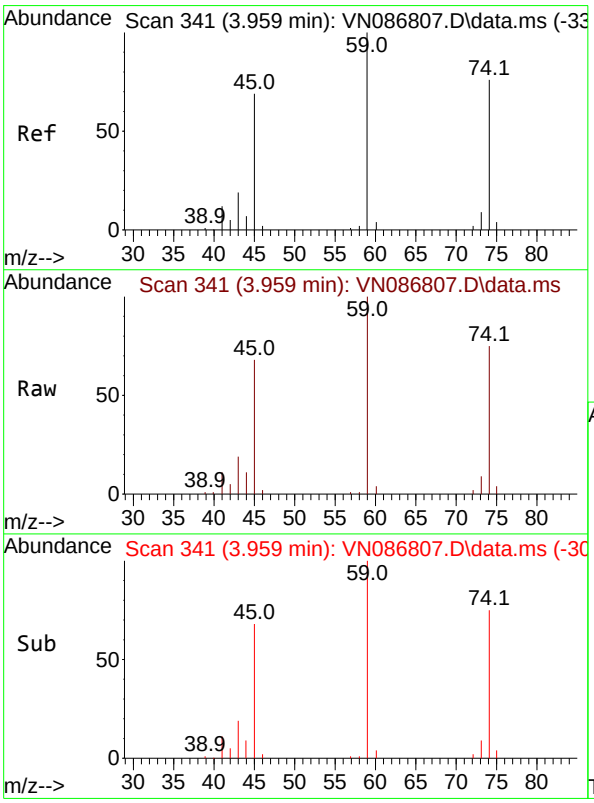
Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

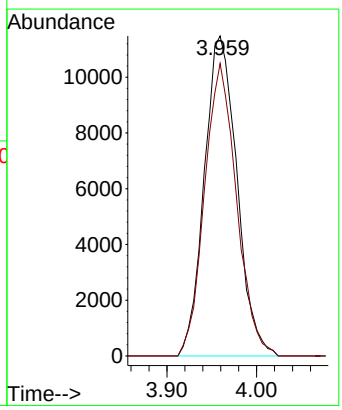


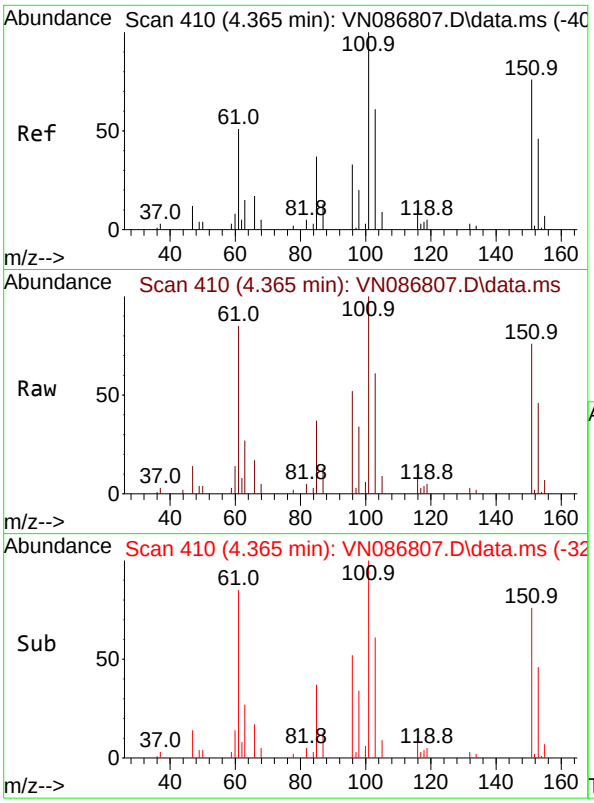


#8
Diethyl Ether
Concen: 19.804 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 74 Resp: 28929

Ion	Ratio	Lower	Upper
74	100		
45	89.7	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.353 ug/l
RT: 4.365 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

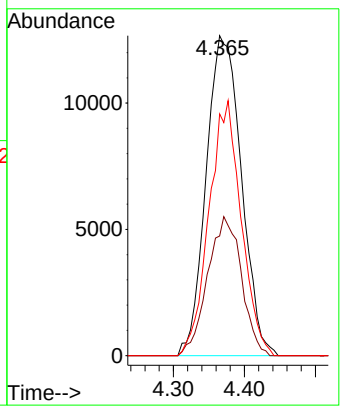
Tgt Ion:101 Resp: 4367

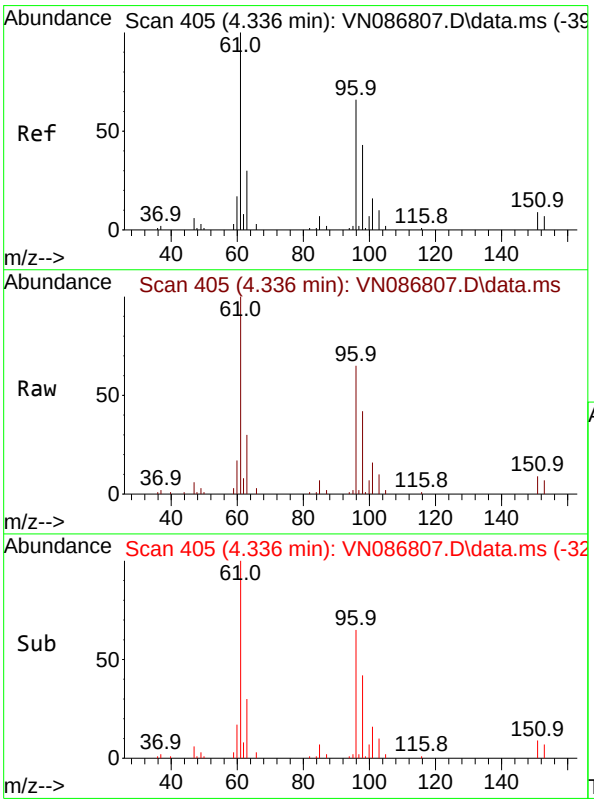
Ion	Ratio	Lower	Upper
101	100		
85	41.6	0.0	83.2
151	72.8	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Supervised By :Mahesh Dadoda 05/30/2025

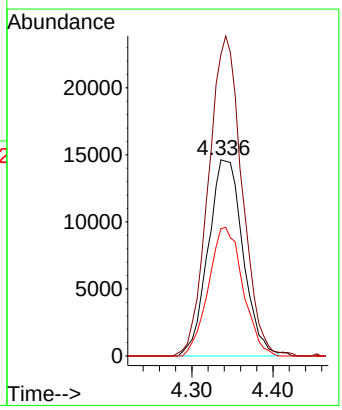


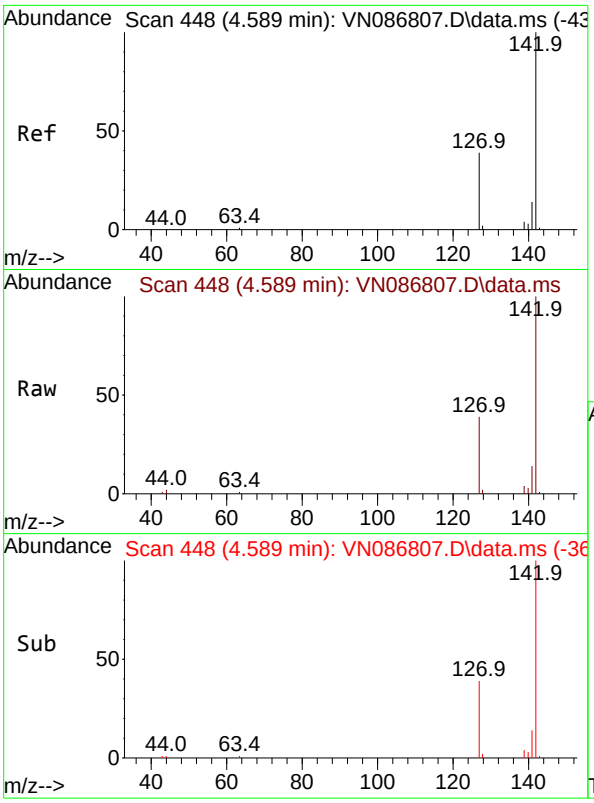


#10
1,1-Dichloroethene
Concen: 19.879 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 43494

Ion	Ratio	Lower	Upper
96	100		
61	152.1	121.7	182.5
98	64.9	51.9	77.9

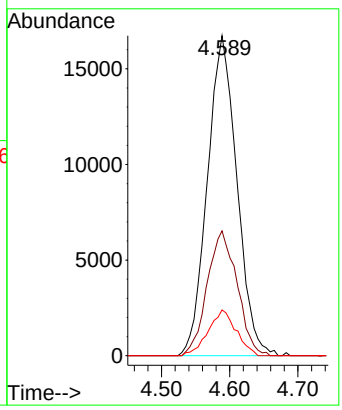




#11
Methyl Iodide
Concen: 19.567 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:142 Resp: 5046

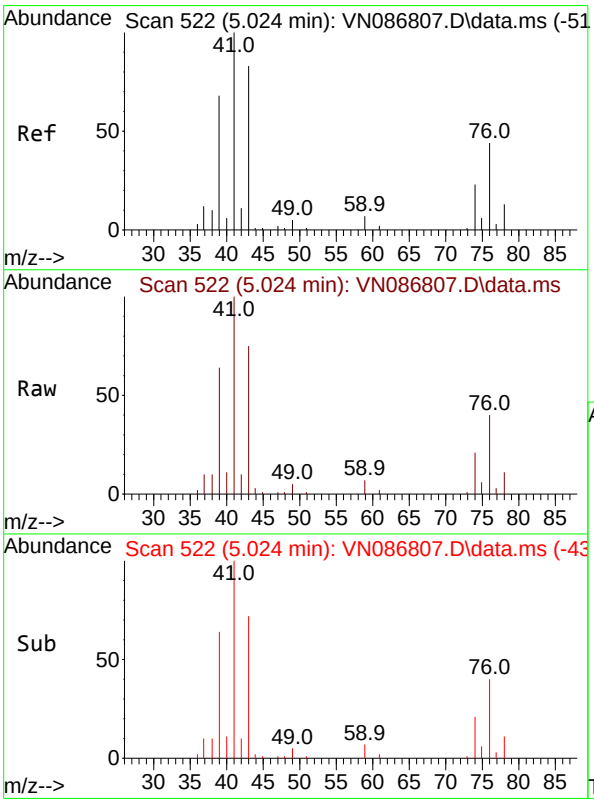
Ion	Ratio	Lower	Upper
142	100		
127	39.0	19.5	58.5
141	14.3	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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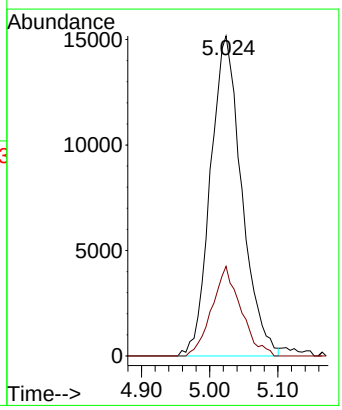
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

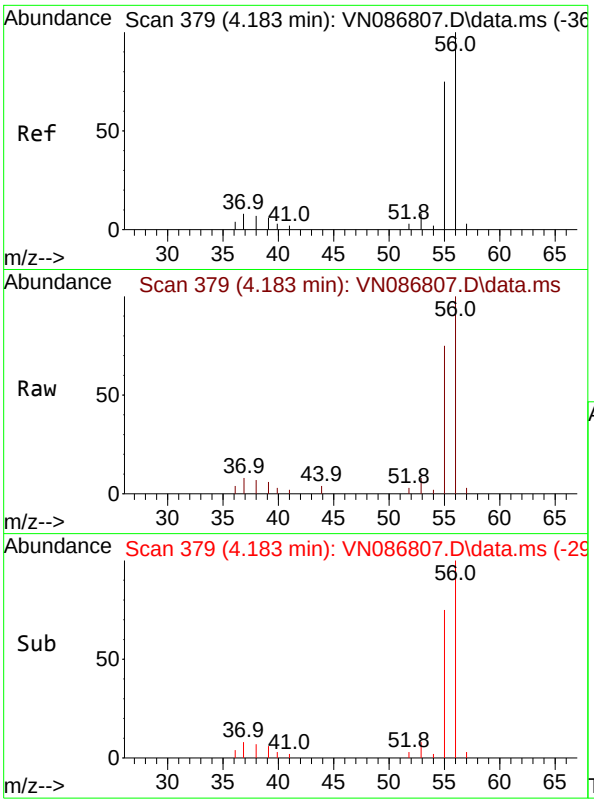


#12
Methyl Acetate
Concen: 19.933 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 48303

Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.7	34.1





#13
Acrolein
Concen: 96.537 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

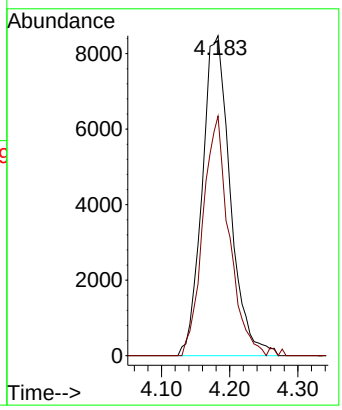
Tgt Ion: 56 Resp: 2433

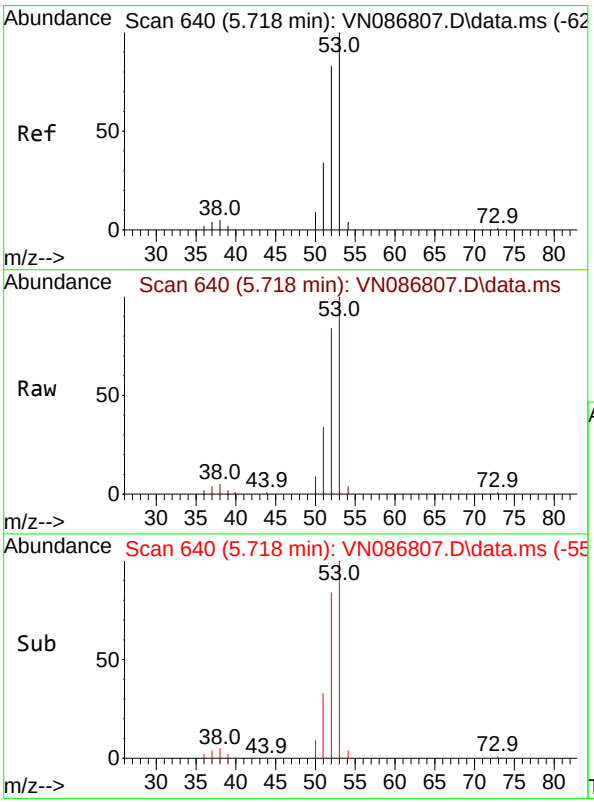
Ion	Ratio	Lower	Upper
56	100		
55	69.9	55.9	83.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Supervised By :Mahesh Dadoda 05/30/2025

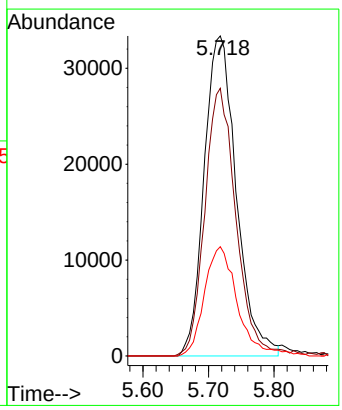


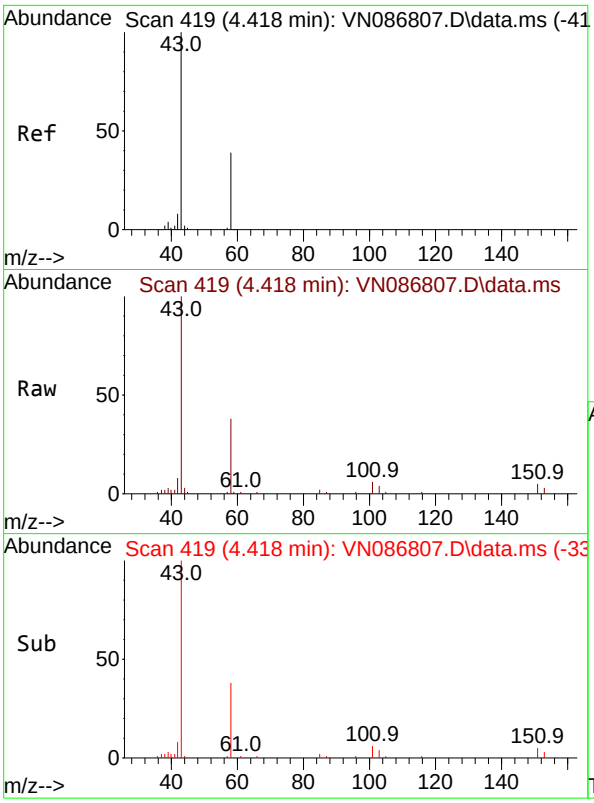


#14
Acrylonitrile
Concen: 100.708 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 53 Resp: 113876

Ion	Ratio	Lower	Upper
53	100		
52	79.9	40.0	119.9
51	35.1	17.5	52.6





#15
Acetone
Concen: 101.722 ug/l
RT: 4.418 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

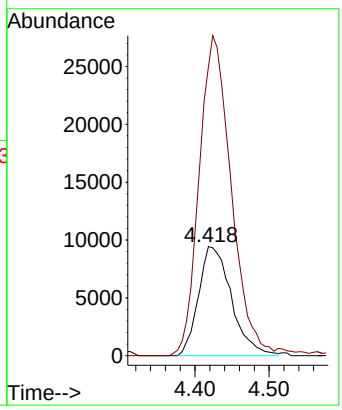
Tgt Ion: 58 Resp: 2912

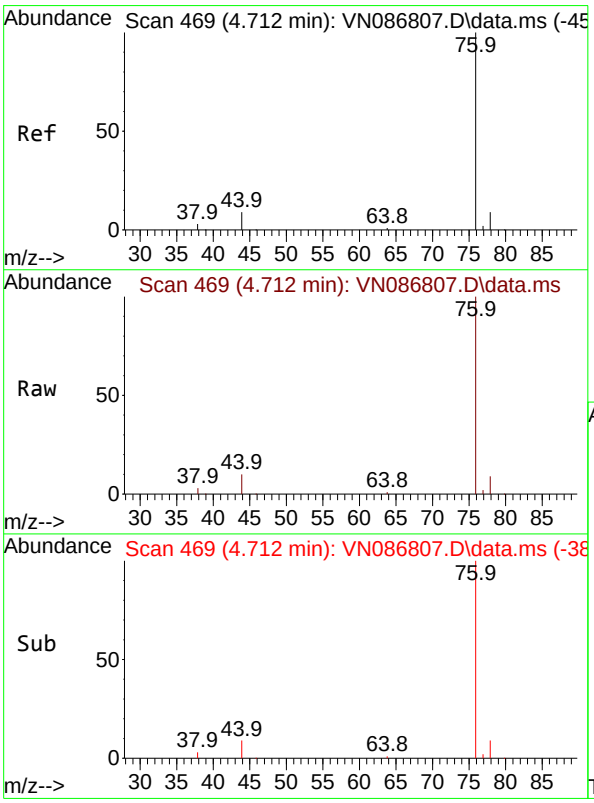
Ion	Ratio	Lower	Upper
58	100		
43	259.6	207.7	311.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Supervised By :Mahesh Dadoda 05/30/2025

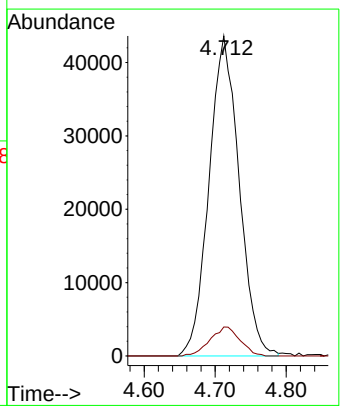


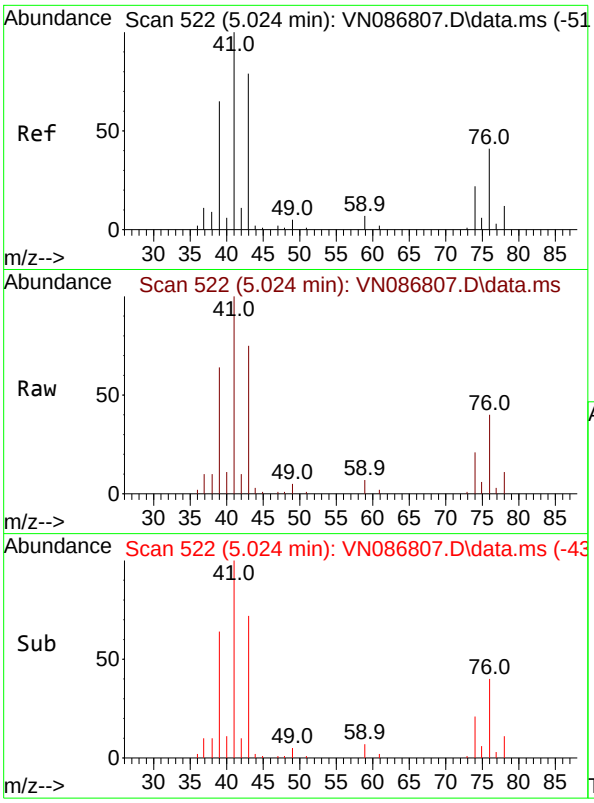


#16
Carbon Disulfide
Concen: 20.103 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 76 Resp: 128395

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

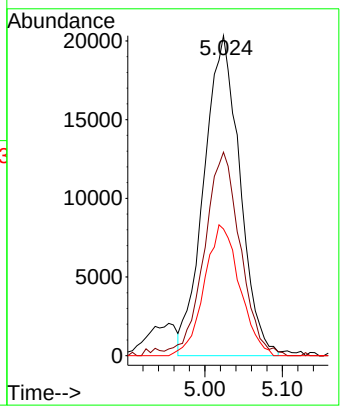




#17
Allyl chloride
Concen: 20.092 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 6530

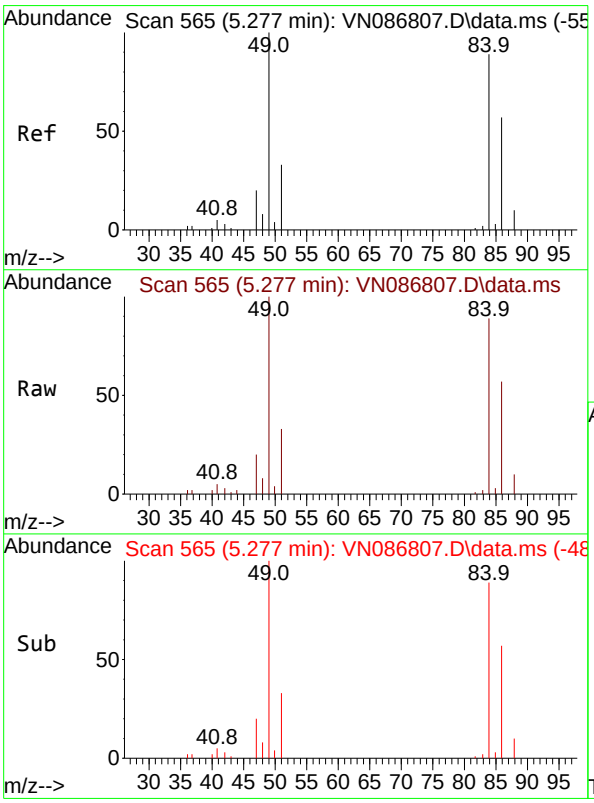
Ion	Ratio	Lower	Upper
41	100		
39	63.2	31.6	94.8
76	40.1	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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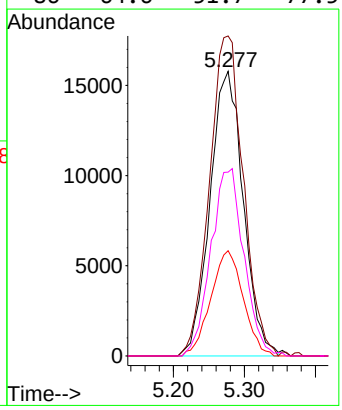
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

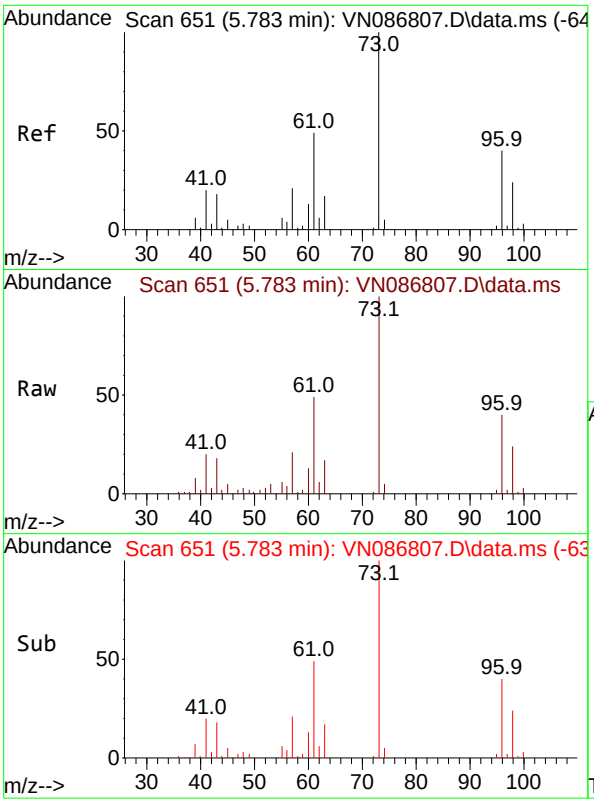


#18
Methylene Chloride
Concen: 20.199 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 84 Resp: 51325

Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.9	134.9
51	37.0	29.6	44.4
86	64.6	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 20.233 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

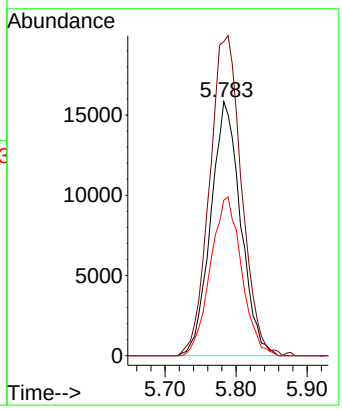
Tgt Ion: 96 Resp: 4632

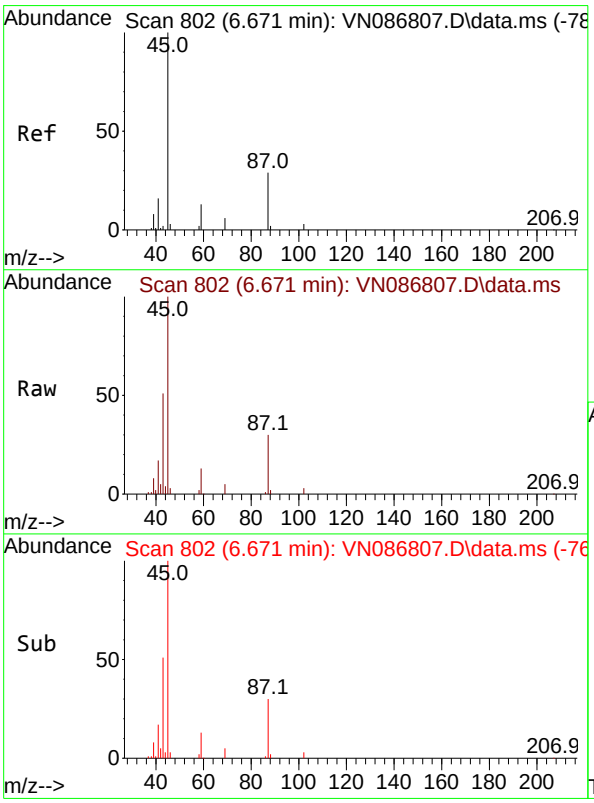
Ion	Ratio	Lower	Upper
96	100		
61	123.6	98.9	148.3
98	61.2	49.0	73.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

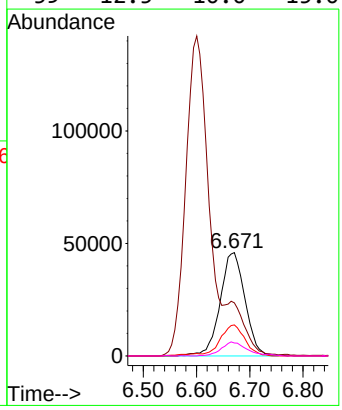


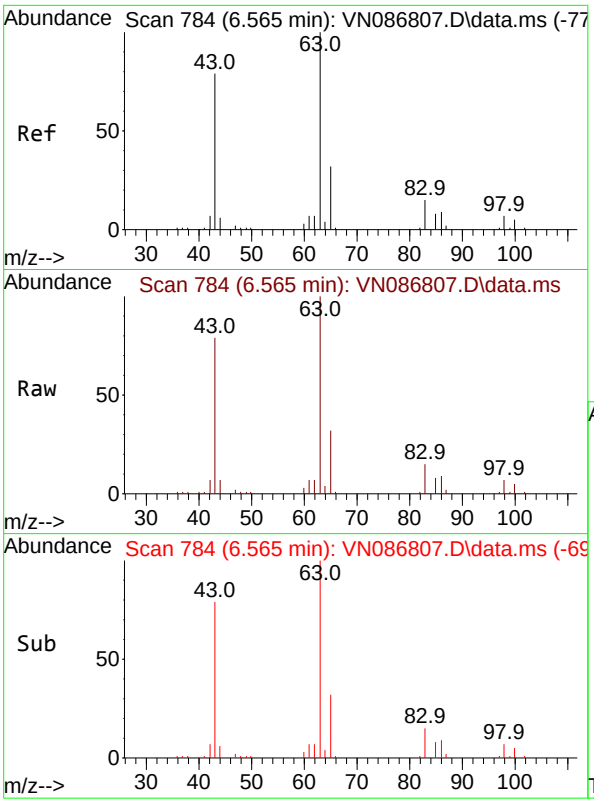


#20
Diisopropyl ether
Concen: 20.817 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 45 Resp: 149023

Ion	Ratio	Lower	Upper
45	100		
43	50.4	40.3	60.5
87	30.1	24.1	36.1
59	12.5	10.0	15.0





#21
1,1-Dichloroethane
Concen: 20.469 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

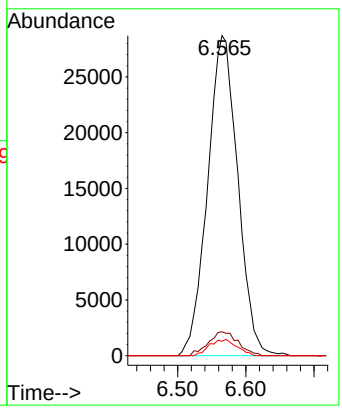
Tgt Ion: 63 Resp: 8843

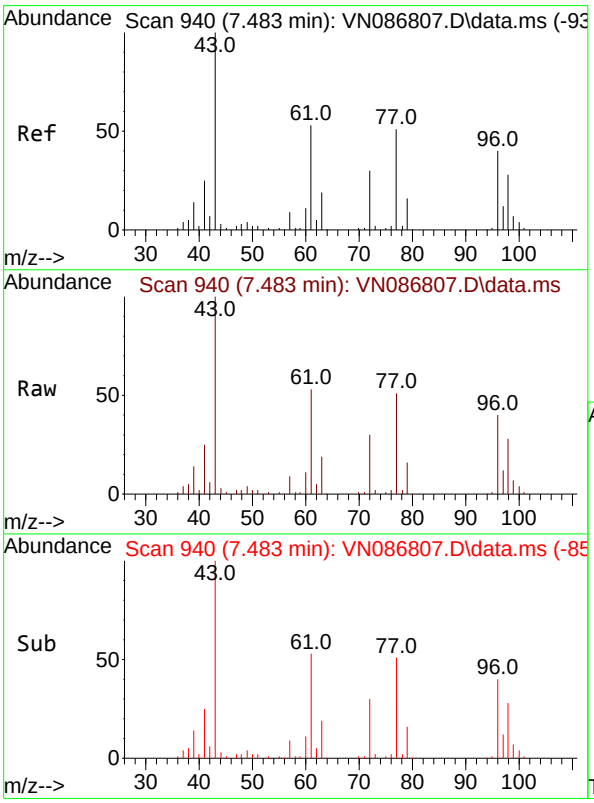
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.5	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

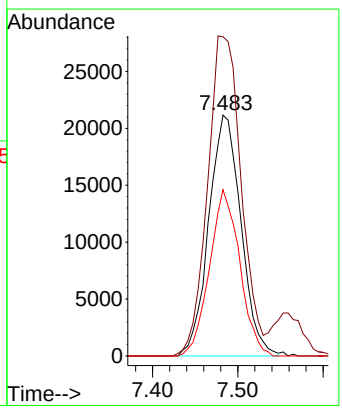


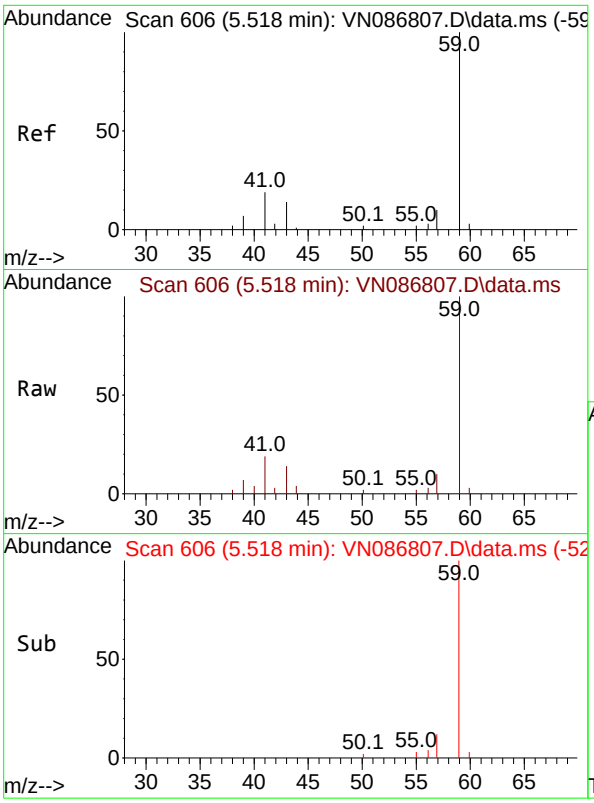


#22
cis-1,2-Dichloroethene
Concen: 20.055 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 96 Resp: 55609

Ion	Ratio	Lower	Upper
96	100		
61	138.4	110.7	166.1
98	64.8	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 101.832 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

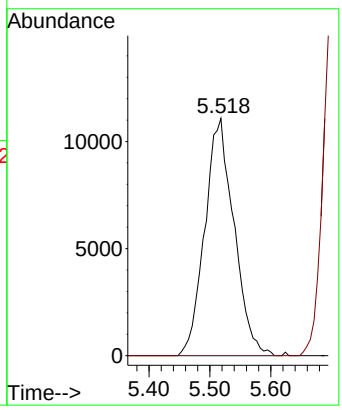
Tgt Ion: 59 Resp: 3697

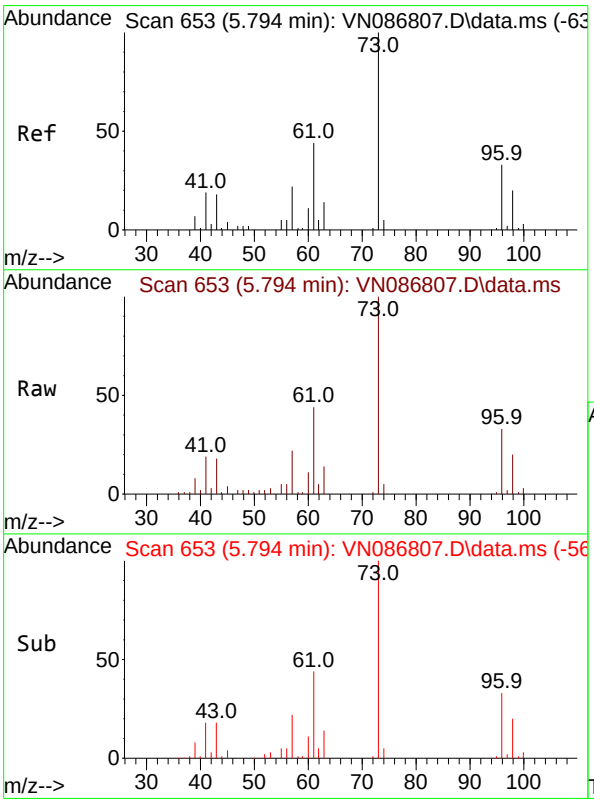
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

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Reviewed By :John Carlone 05/30/2025
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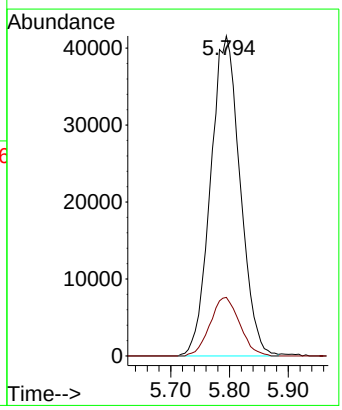


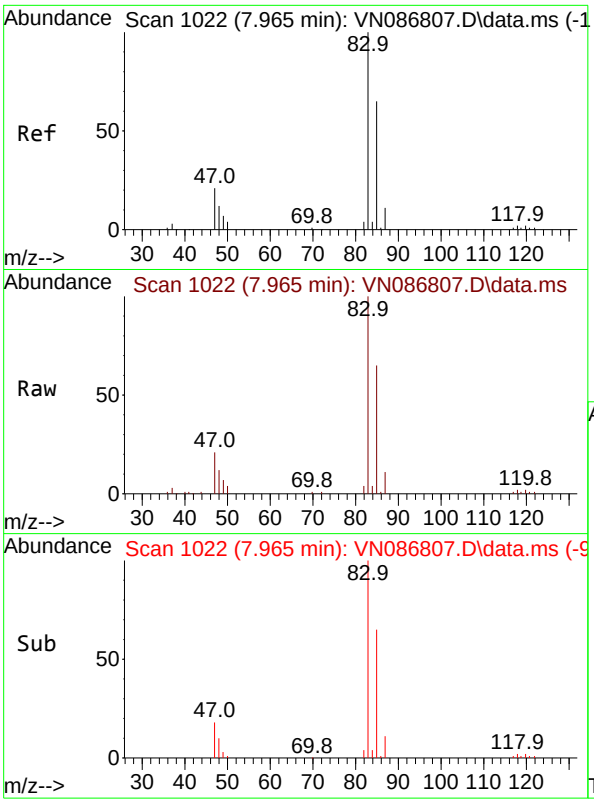


#24
Methyl tert-Butyl Ether
Concen: 20.083 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 73 Resp: 144821

Ion	Ratio	Lower	Upper
73	100		
43	18.3	14.6	22.0





#25
Chloroform
Concen: 20.193 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

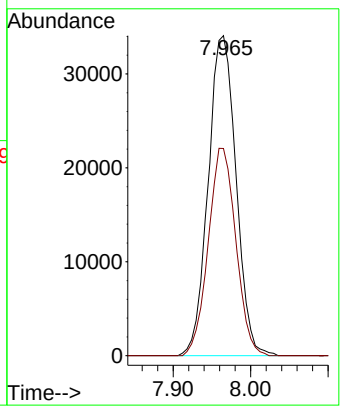
Tgt Ion: 83 Resp: 8538

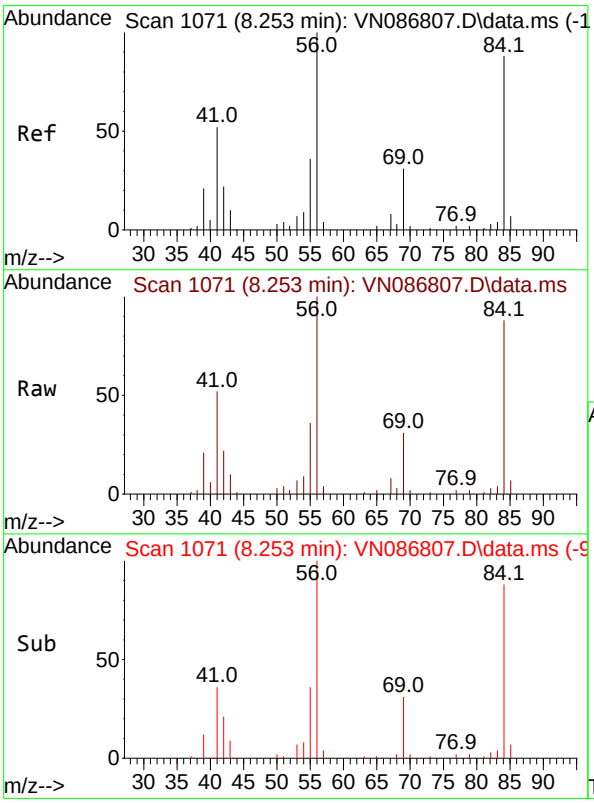
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
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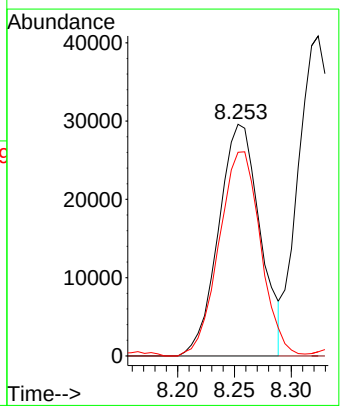


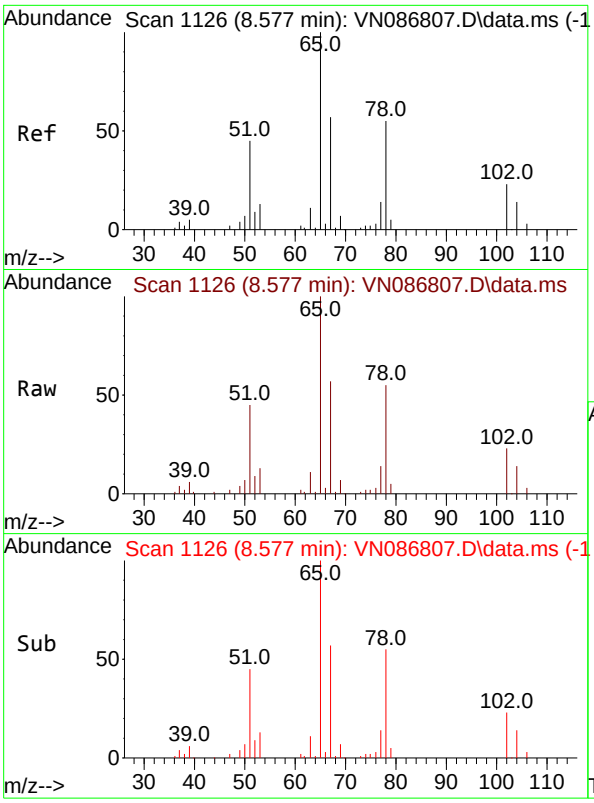


#26
Cyclohexane
Concen: 20.148 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 56 Resp: 75338

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	88.0	70.4	105.6

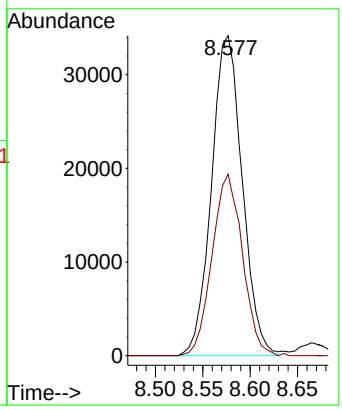




#27
1,2-Dichloroethane-d4
Concen: 30.297 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 65 Resp: 7722

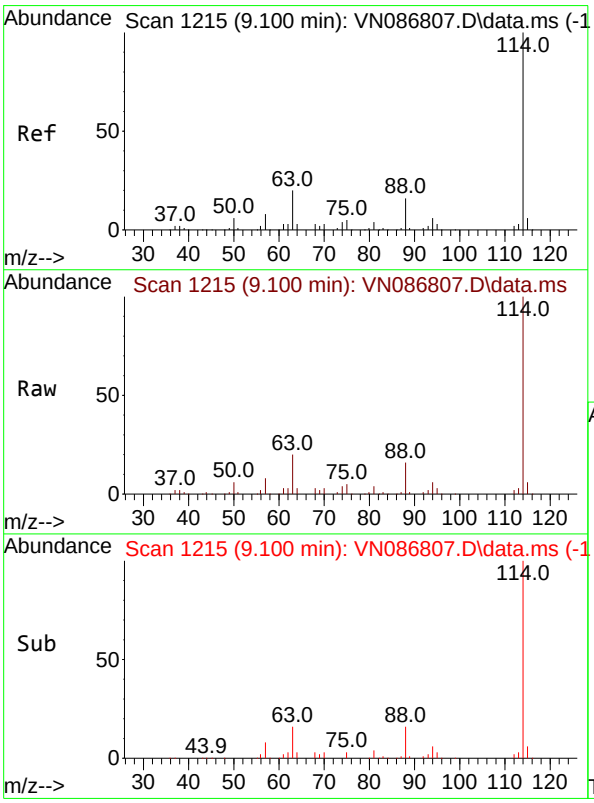
Ion	Ratio	Lower	Upper
65	100		
67	55.8	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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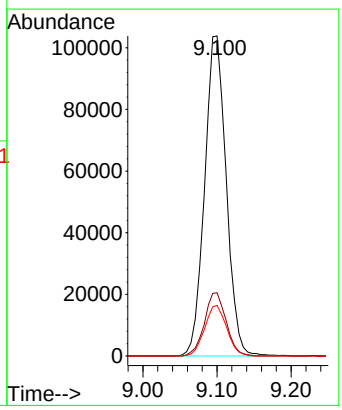
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

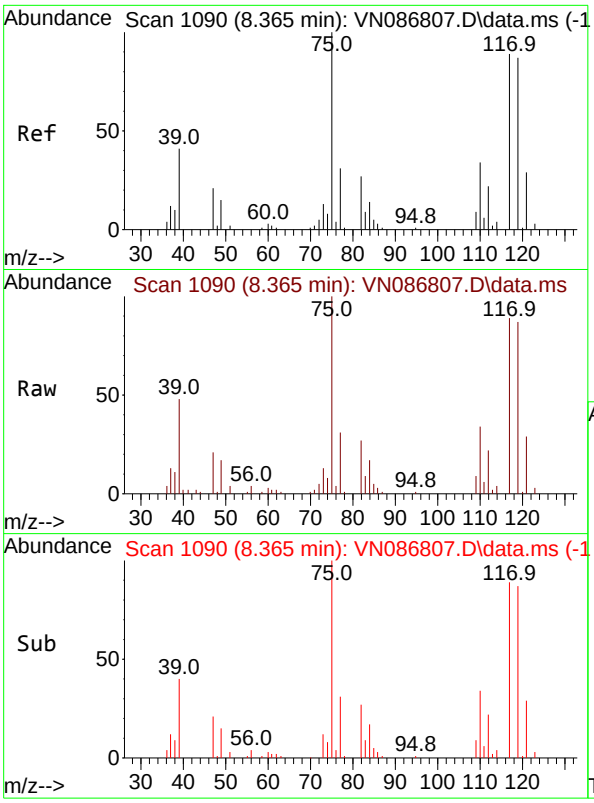


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:114 Resp: 210546

Ion	Ratio	Lower	Upper
114	100		
63	19.8	15.8	23.8
88	16.1	12.9	19.3

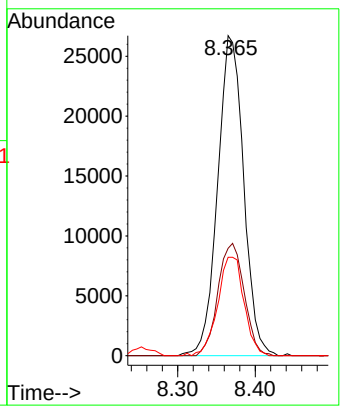




#29
1,1-Dichloropropene
Concen: 20.111 ug/l
RT: 8.365 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 6225

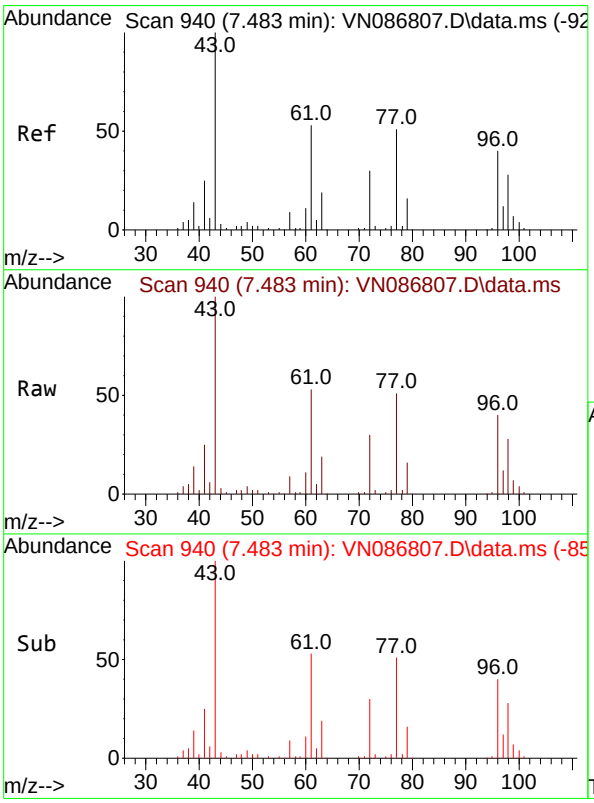
Ion	Ratio	Lower	Upper
75	100		
110	35.5	0.0	71.0
77	31.2	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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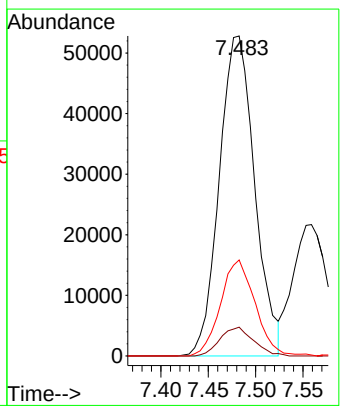
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

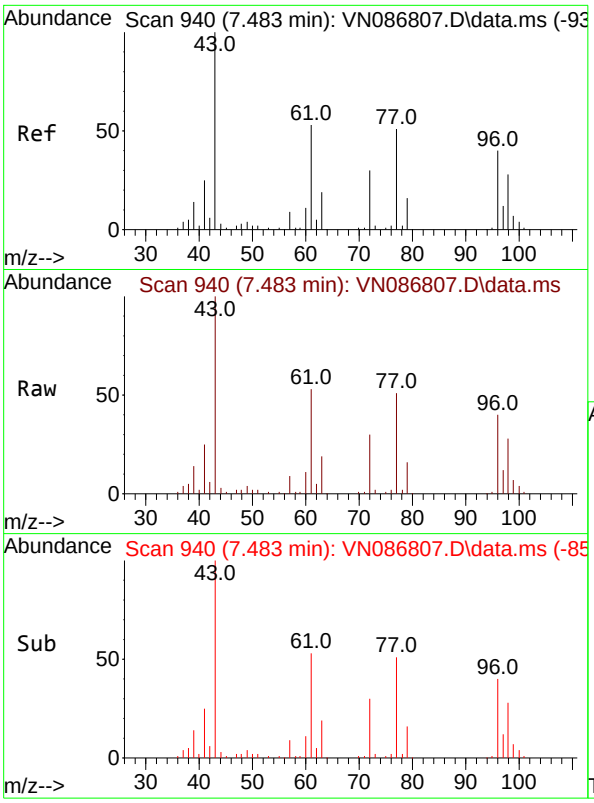


#30
2-Butanone
Concen: 101.467 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 137625

Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	29.2	23.4	35.0

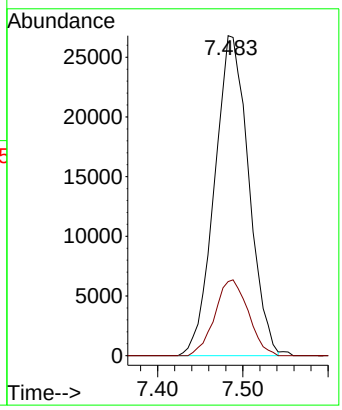




#31
2,2-Dichloropropane
Concen: 20.421 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 77 Resp: 7462

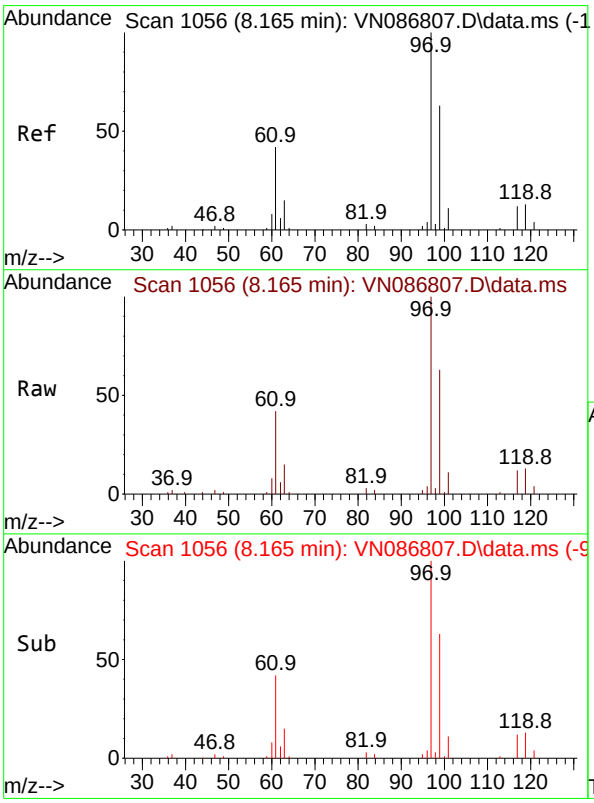
Ion	Ratio	Lower	Upper
77	100		
97	23.2	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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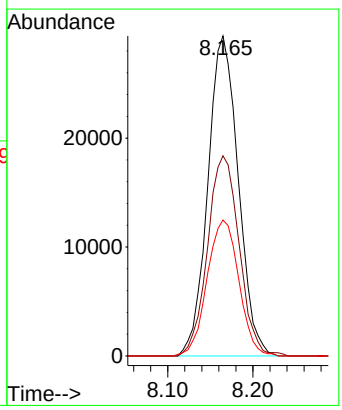
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

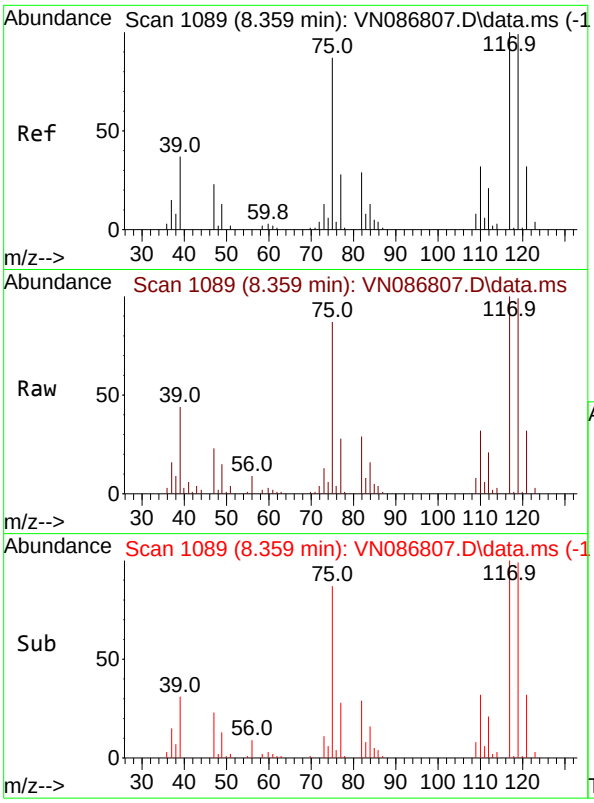


#32
1,1,1-Trichloroethane
Concen: 20.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 97 Resp: 72907

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	44.3	35.4	53.2

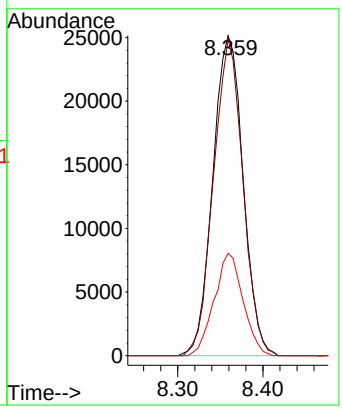




#33
Carbon Tetrachloride
Concen: 20.187 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 6192

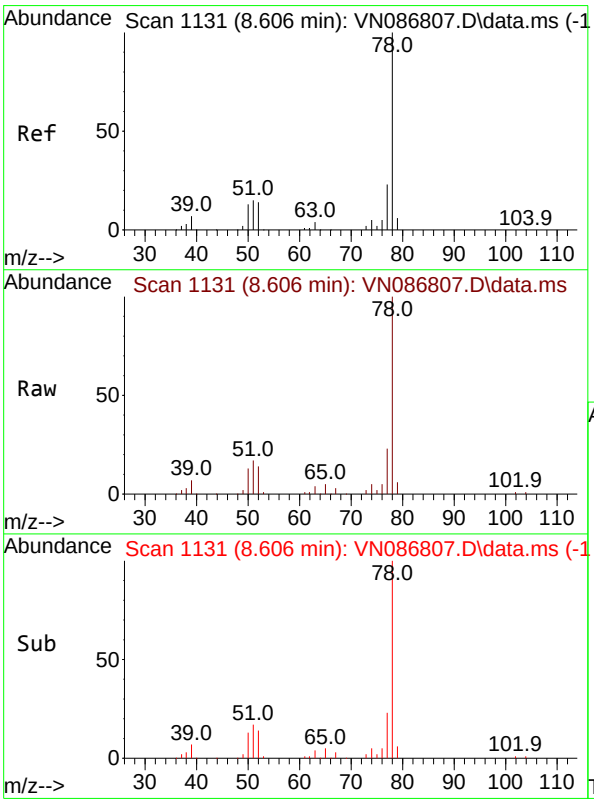
Ion	Ratio	Lower	Upper
117	100		
119	99.0	79.2	118.8
121	32.0	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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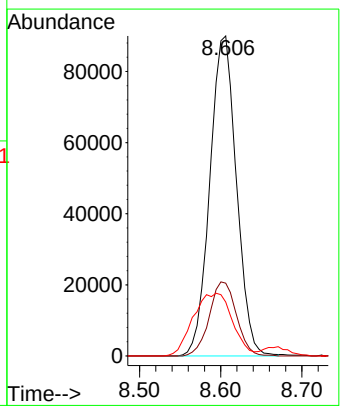
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

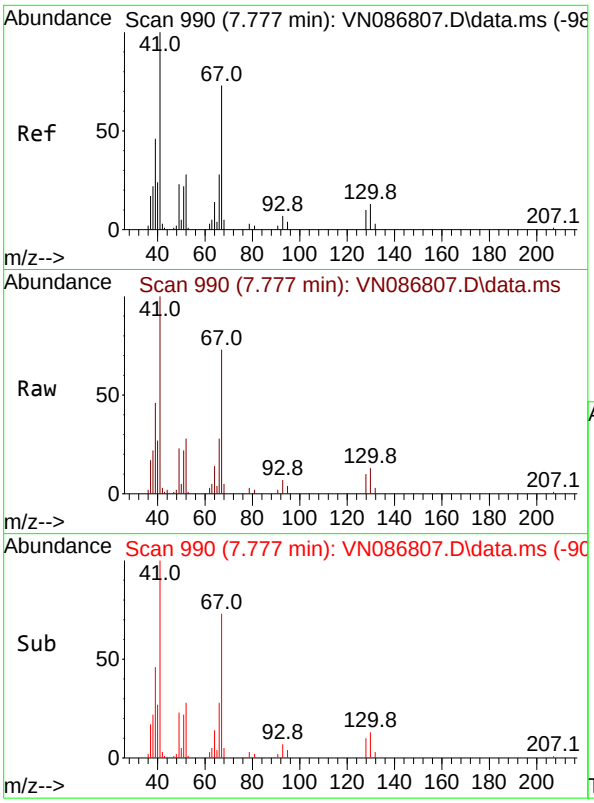


#34
Benzene
Concen: 20.364 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 78 Resp: 205111

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2
51	14.9	11.9	17.9

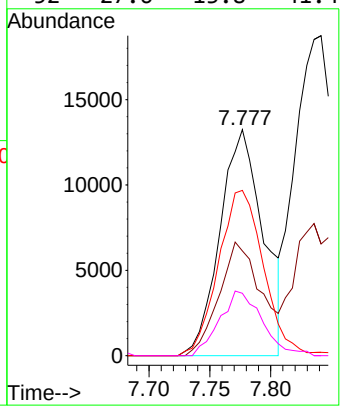




#35
Methacrylonitrile
Concen: 21.016 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 3274

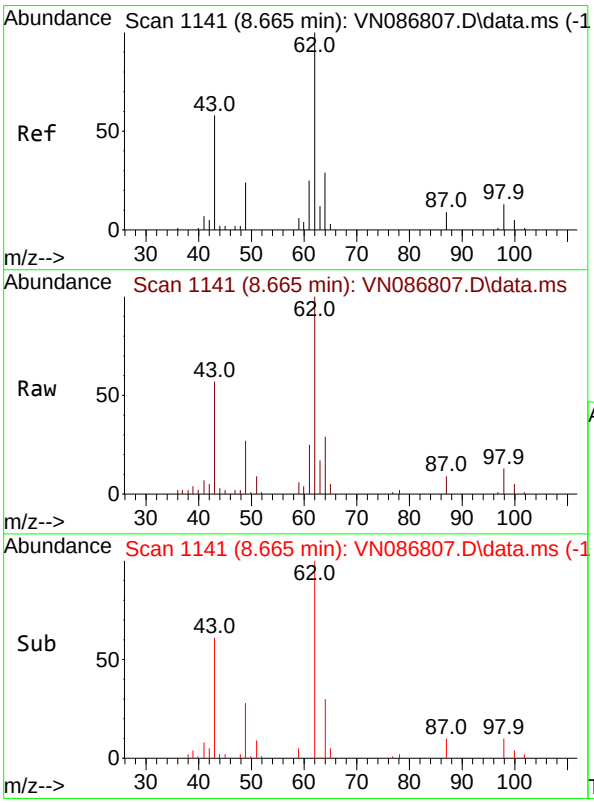
Ion	Ratio	Lower	Upper
41	100		
39	46.4	23.2	69.6
67	73.1	36.5	109.7
52	27.6	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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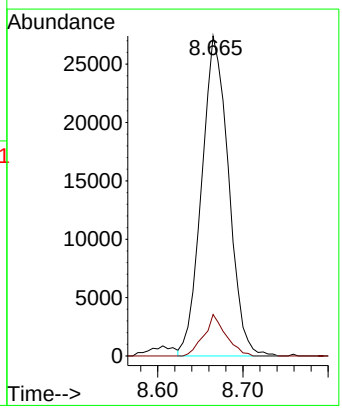
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

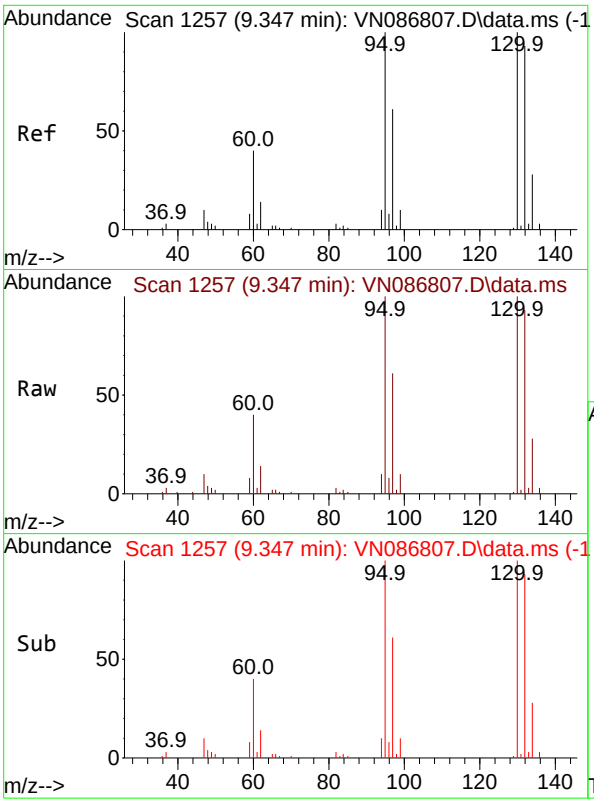


#36
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 62 Resp: 60188

Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.5	12.7





#37
Trichloroethene
Concen: 19.725 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

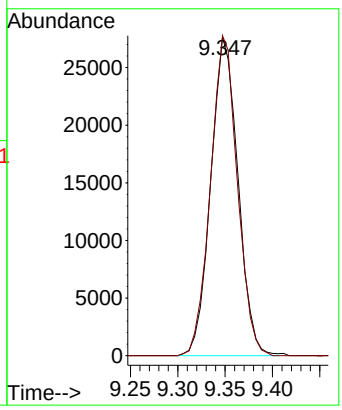
Tgt Ion:130 Resp: 5511

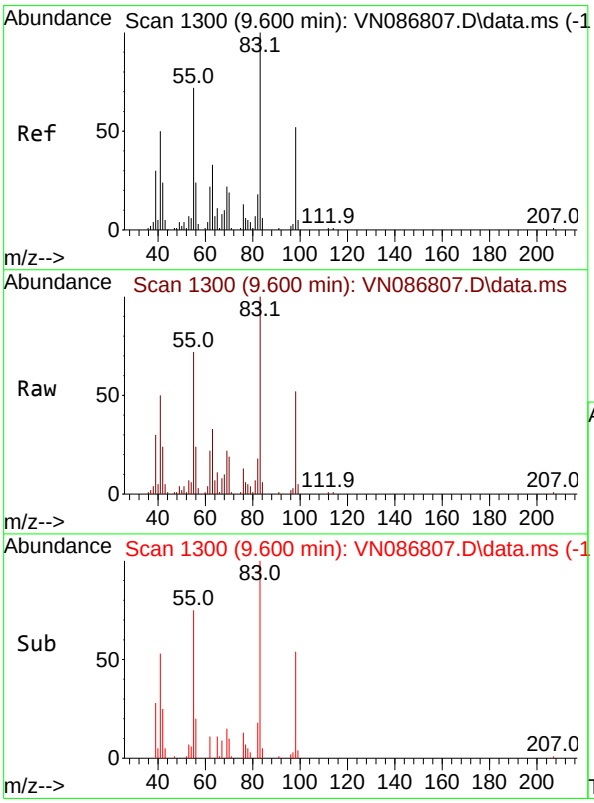
Ion	Ratio	Lower	Upper
130	100		
95	100.4	80.3	120.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

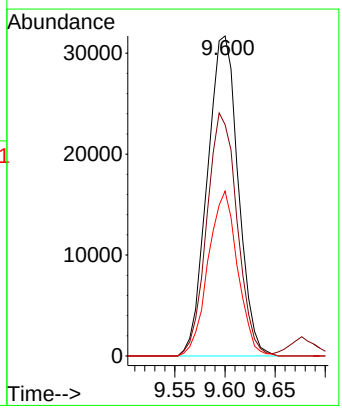


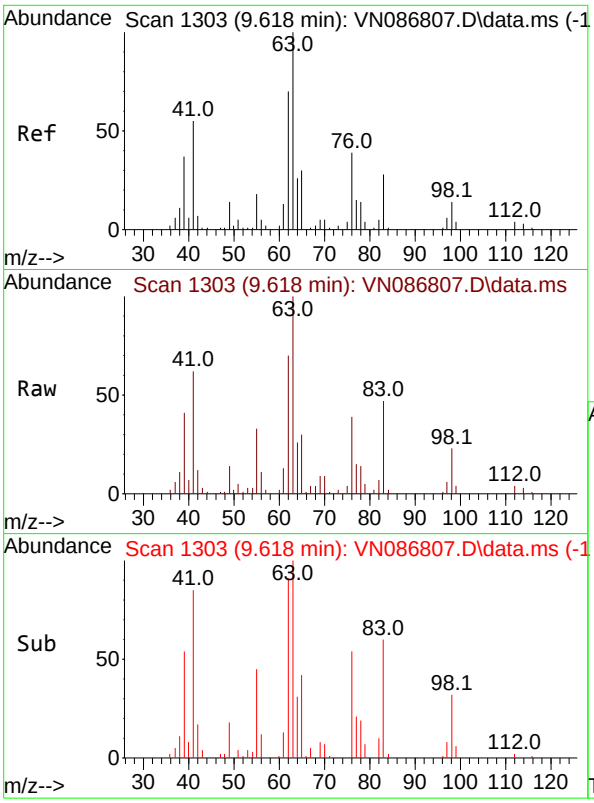


#38
Methylcyclohexane
Concen: 19.787 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 83 Resp: 67964

Ion	Ratio	Lower	Upper
83	100		
55	74.7	37.4	112.1
98	49.1	24.6	73.6





#39
1,2-Dichloropropane
Concen: 20.472 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

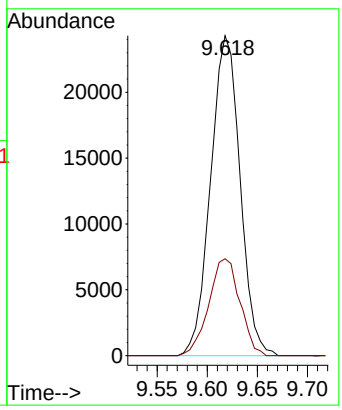
Tgt Ion: 63 Resp: 4964

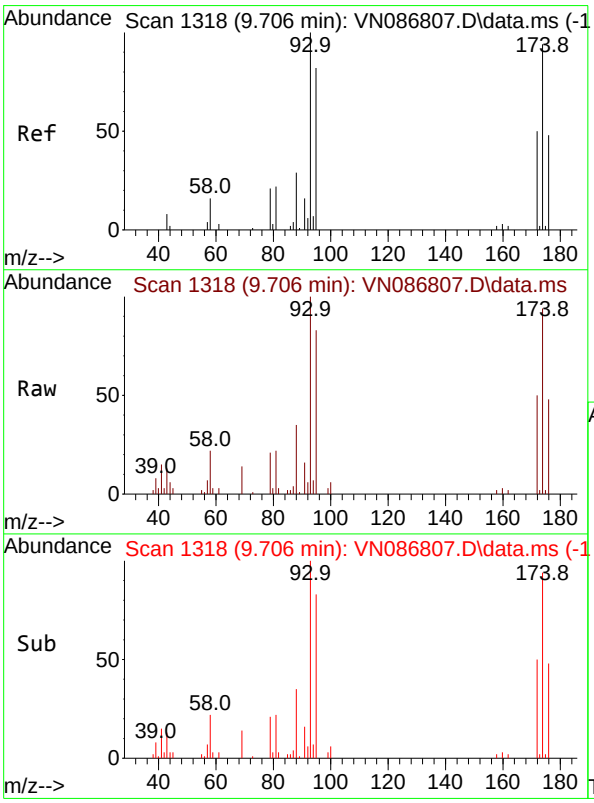
Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

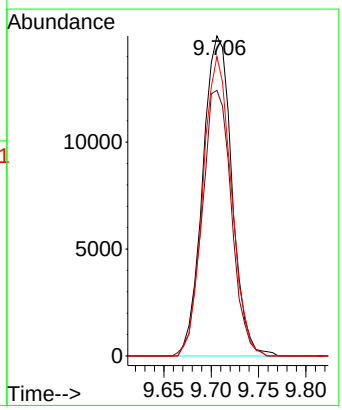


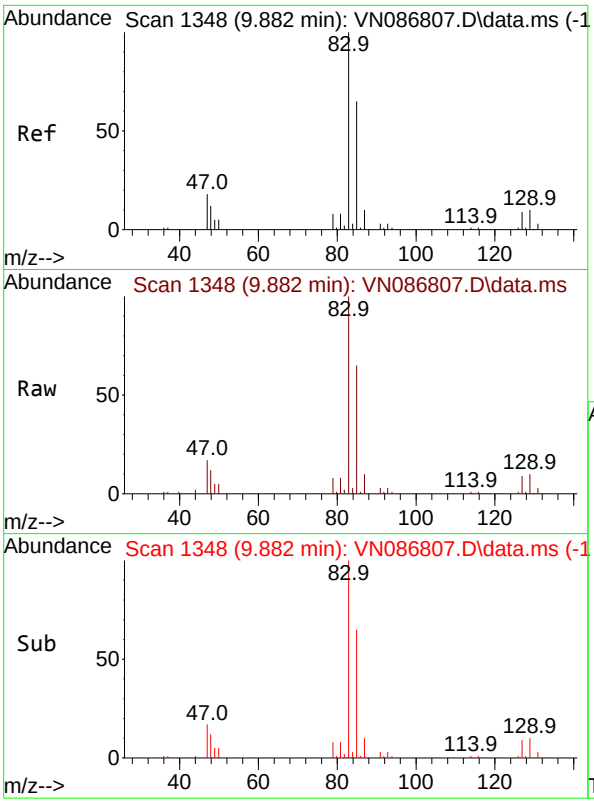


#40
Dibromomethane
Concen: 20.198 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 93 Resp: 32035

Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	166.4
174	90.9	0.0	181.8

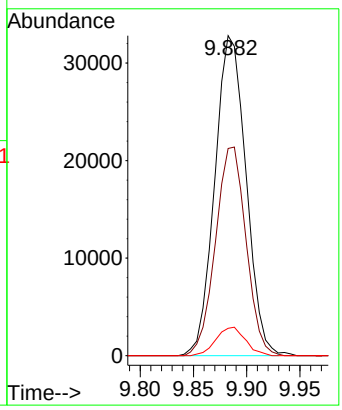




#41
Bromodichloromethane
Concen: 20.146 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 83 Resp: 6688

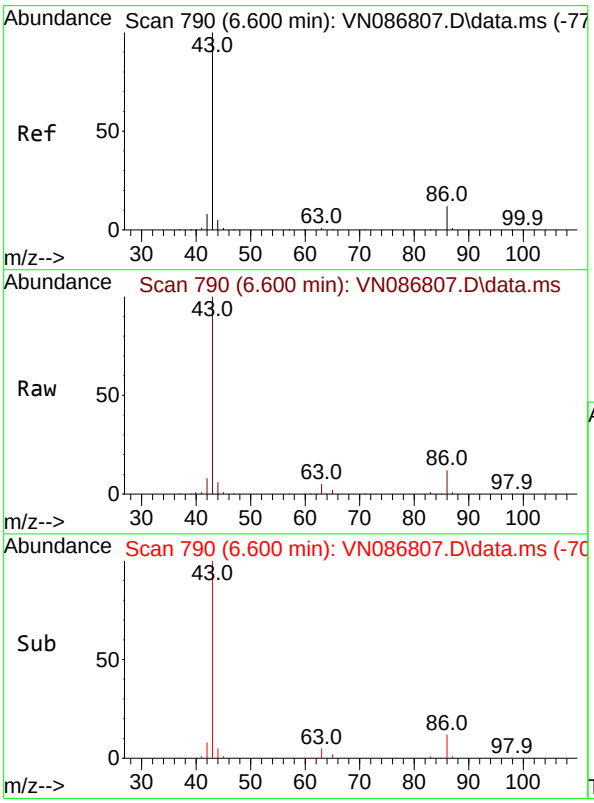
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.5	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

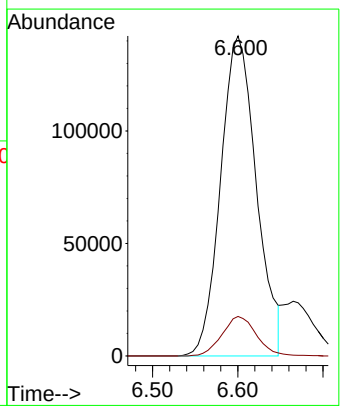
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

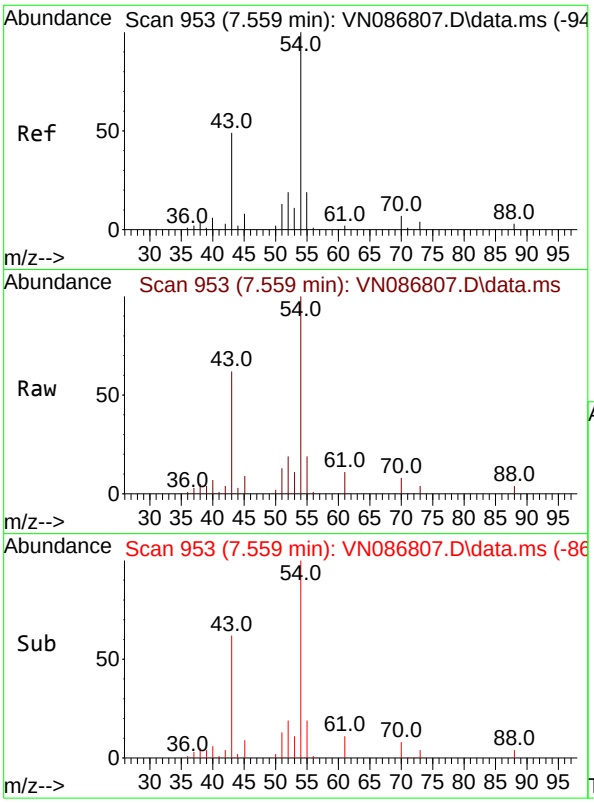


#42
Vinyl Acetate
Concen: 105.128 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 415639

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.5	14.3





#43
Ethyl Acetate
Concen: 20.995 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

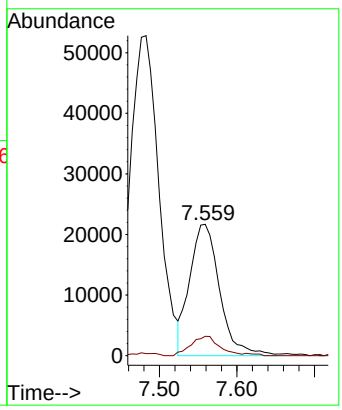
Tgt Ion: 43 Resp: 5827

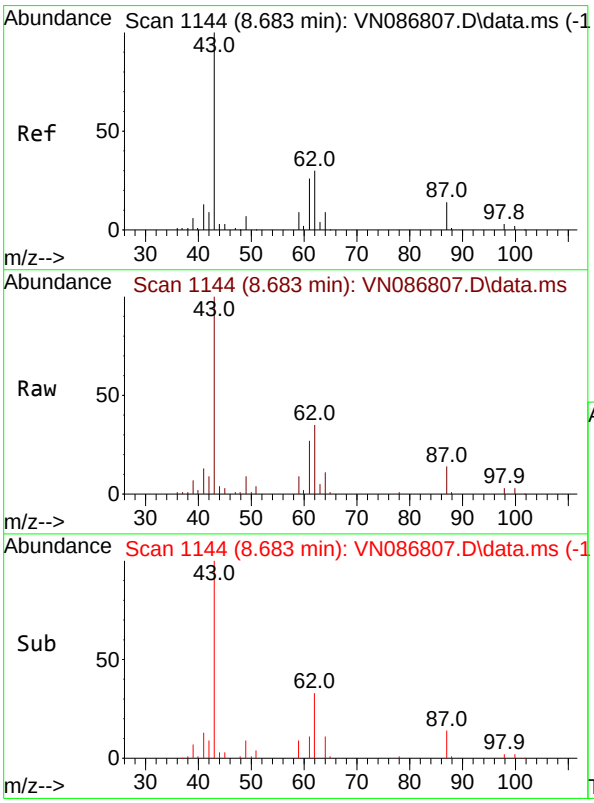
Ion	Ratio	Lower	Upper
43	100		
45	13.9	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

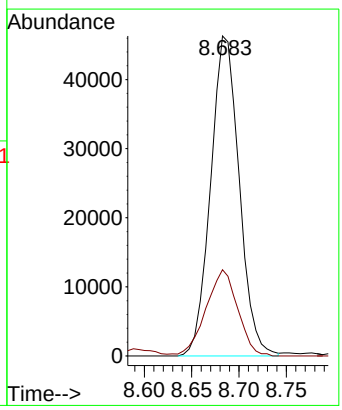


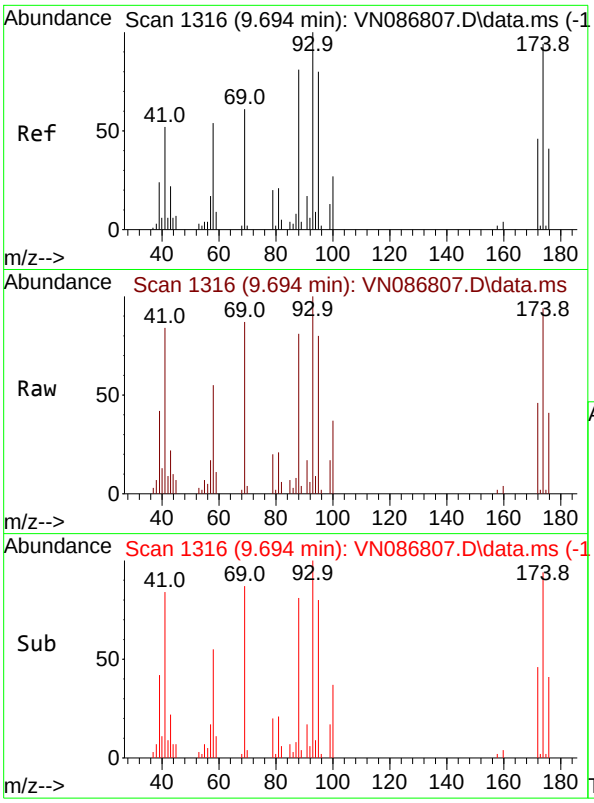


#44
Isopropyl Acetate
Concen: 20.454 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 97384

Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.8	35.6





#45
1,4-Dioxane
Concen: 413.686 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

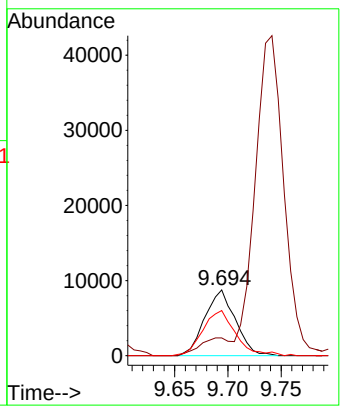
Tgt Ion: 88 Resp: 1750

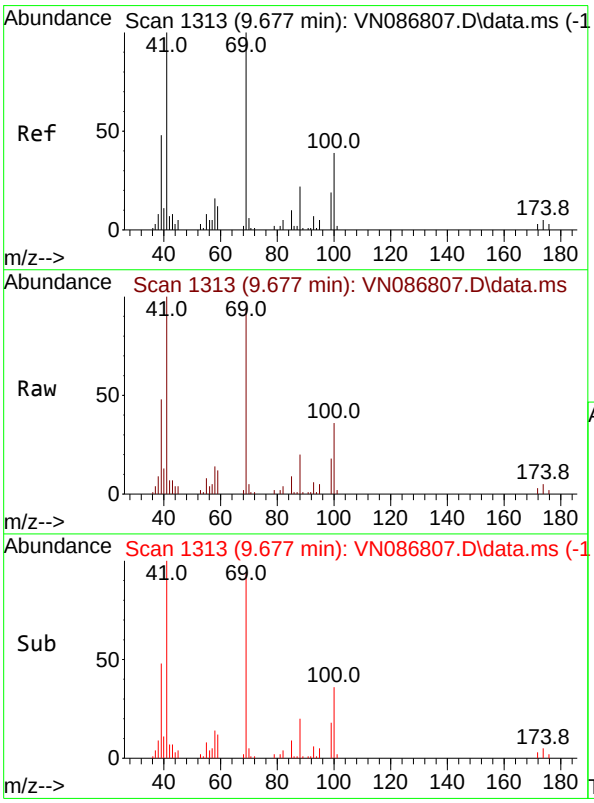
Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	72.0	57.6	86.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

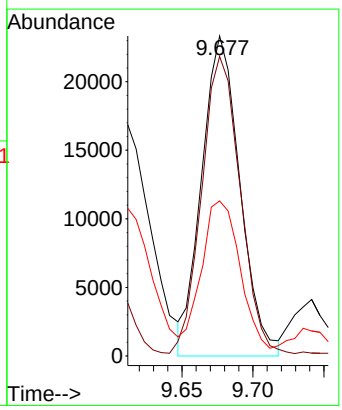


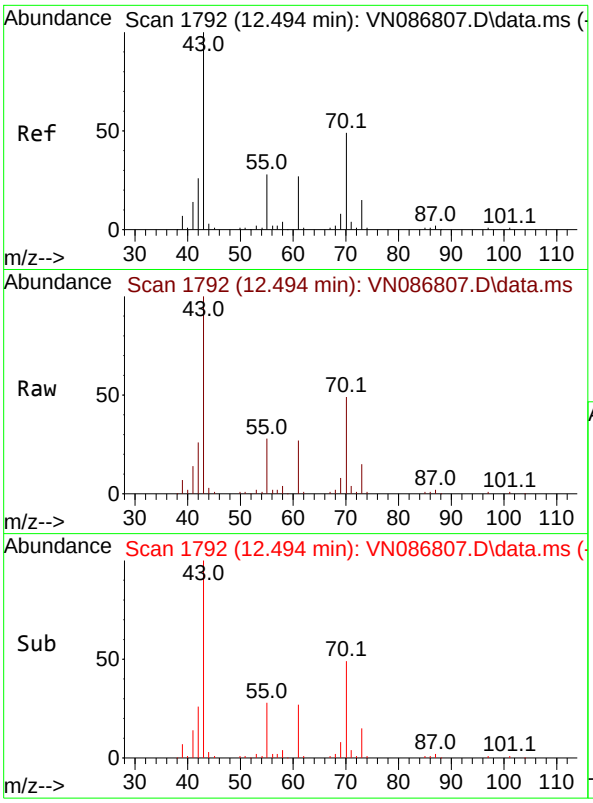


#46
Methyl methacrylate
Concen: 19.916 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 41 Resp: 43721

Ion	Ratio	Lower	Upper
41	100		
69	96.1	48.0	144.2
39	47.5	23.8	71.2

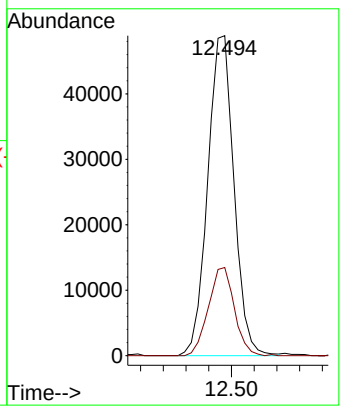




#47
n-amyl Acetate
Concen: 20.535 ug/l
RT: 12.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 7848

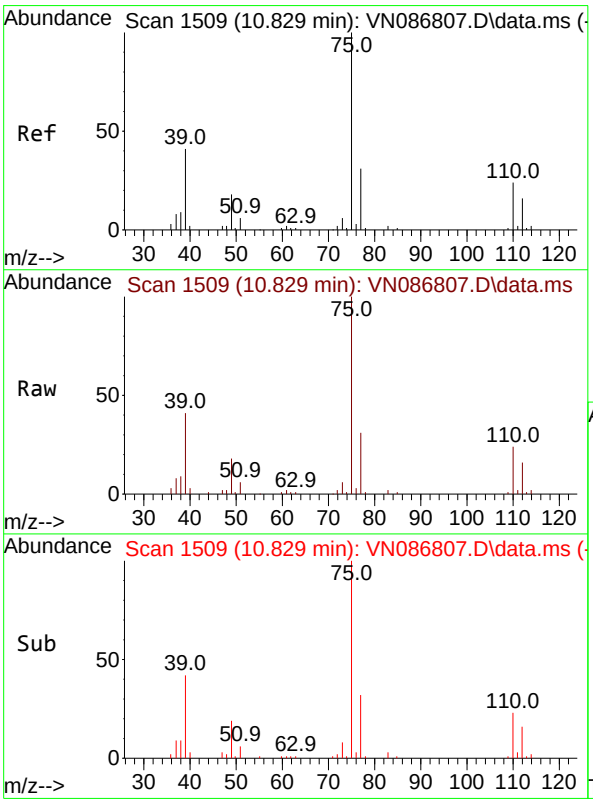
Ion	Ratio	Lower	Upper
43	100		
55	27.1	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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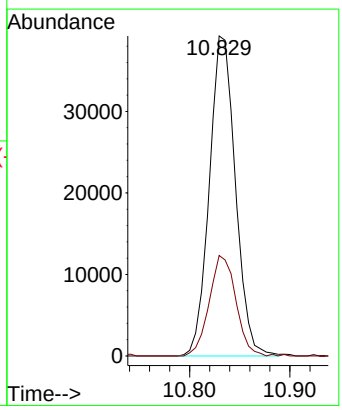
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

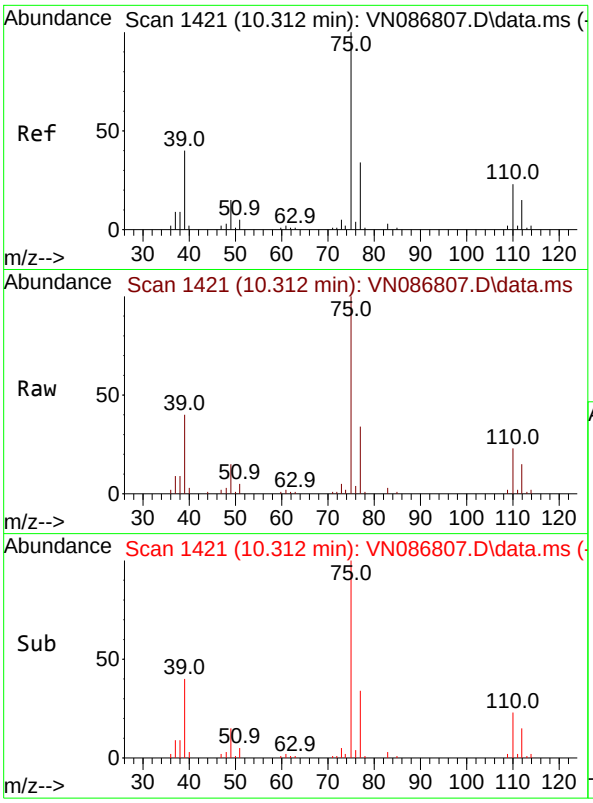


#48
t-1,3-Dichloropropene
Concen: 19.980 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 70982

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

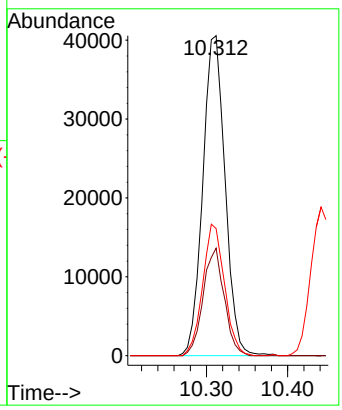




#49
cis-1,3-Dichloropropene
Concen: 19.827 ug/l
RT: 10.312 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 7747

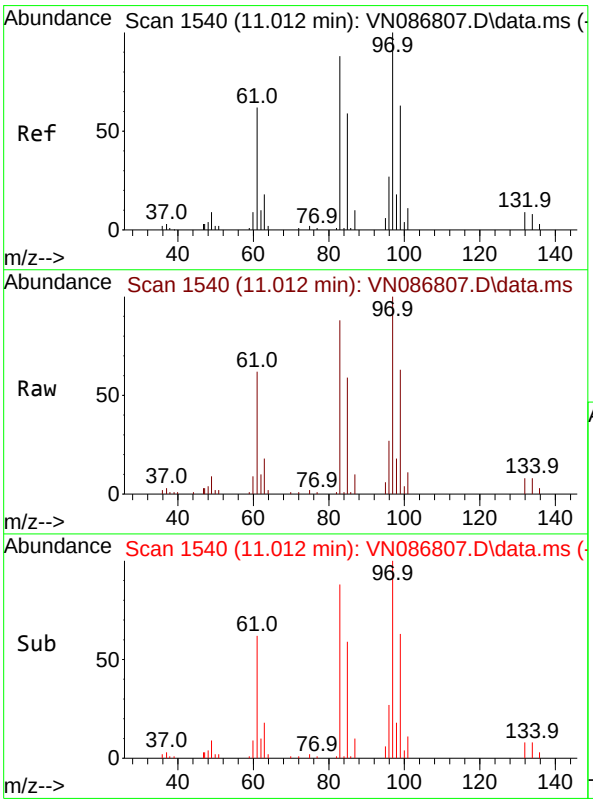
Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.9	40.3
39	39.7	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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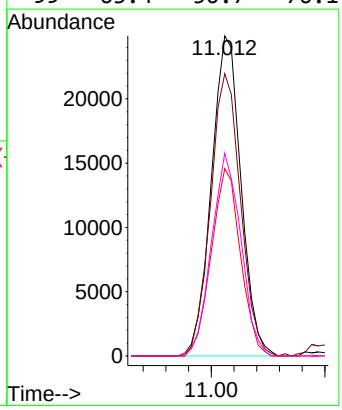
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

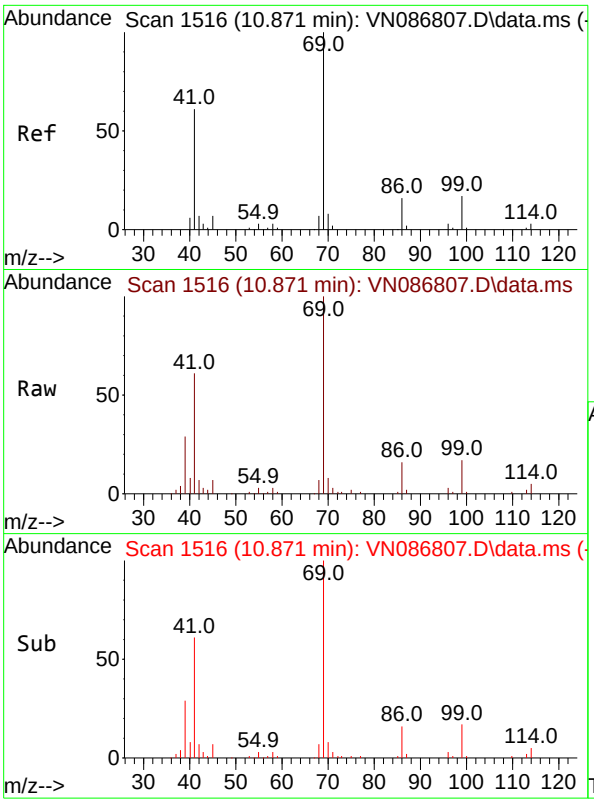


#50
1,1,2-Trichloroethane
Concen: 20.132 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 97 Resp: 44971

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	105.8
85	58.5	46.8	70.2
99	63.4	50.7	76.1

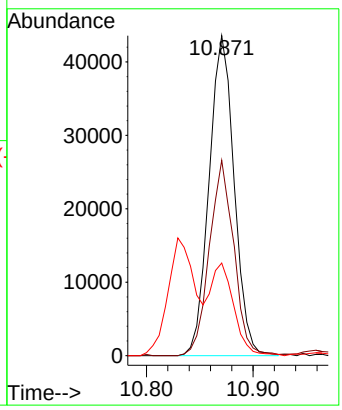




#51
Ethyl methacrylate
Concen: 19.696 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 69 Resp: 7125

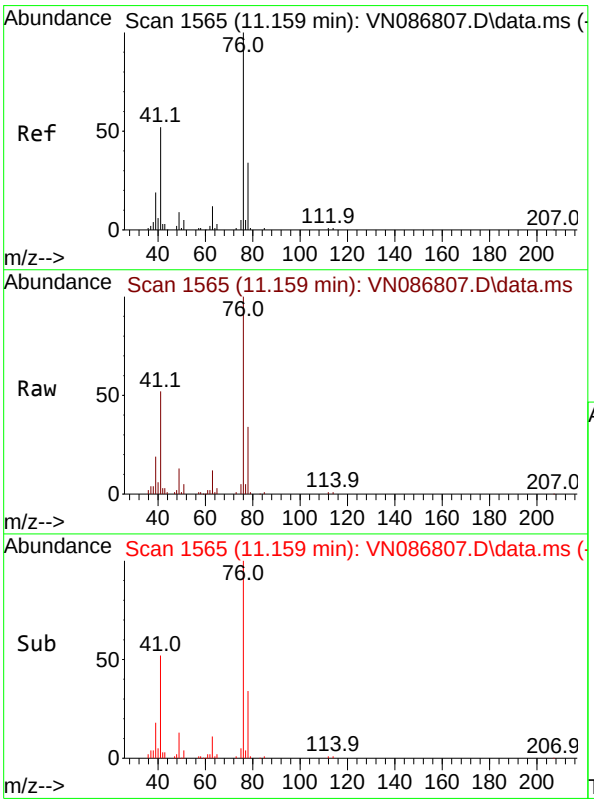
Ion	Ratio	Lower	Upper
69	100		
41	61.0	30.5	91.5
39	28.6	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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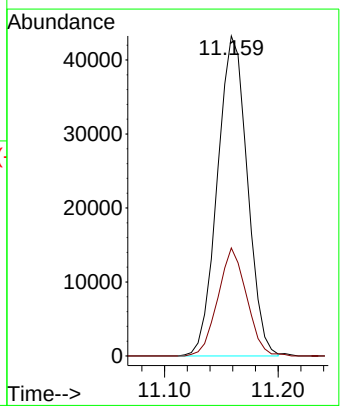
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

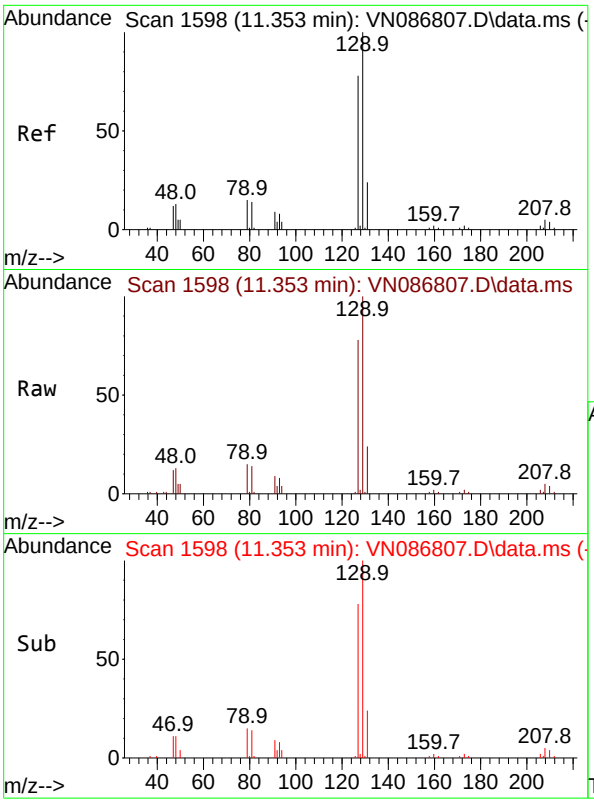


#52
1,3-Dichloropropane
Concen: 19.972 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 76 Resp: 79173

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6

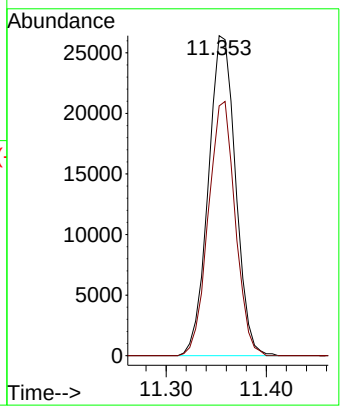




#53
Dibromochloromethane
Concen: 19.788 ug/l
RT: 11.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:129 Resp: 4995

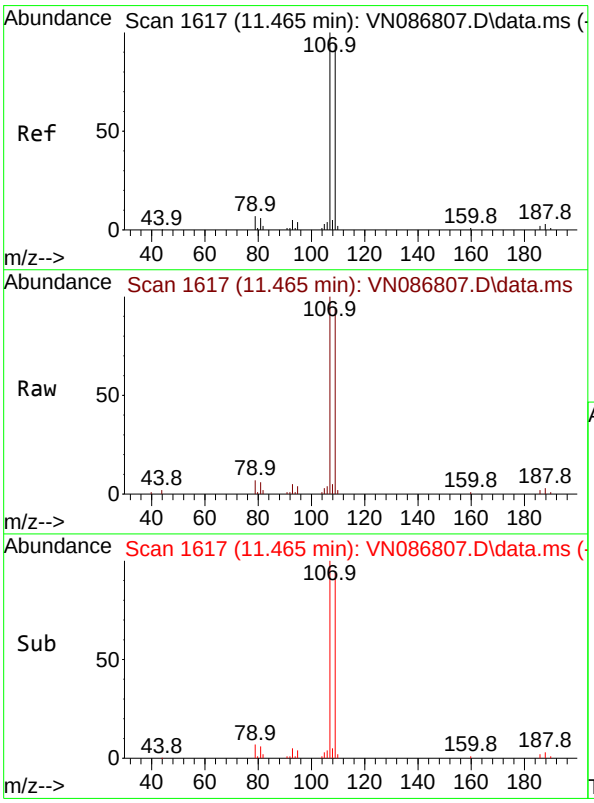
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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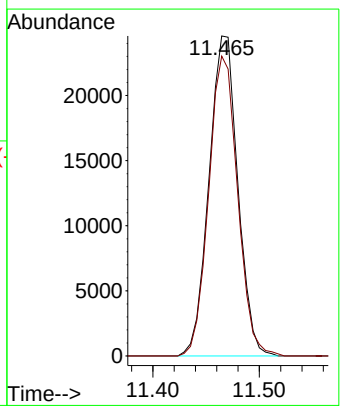
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

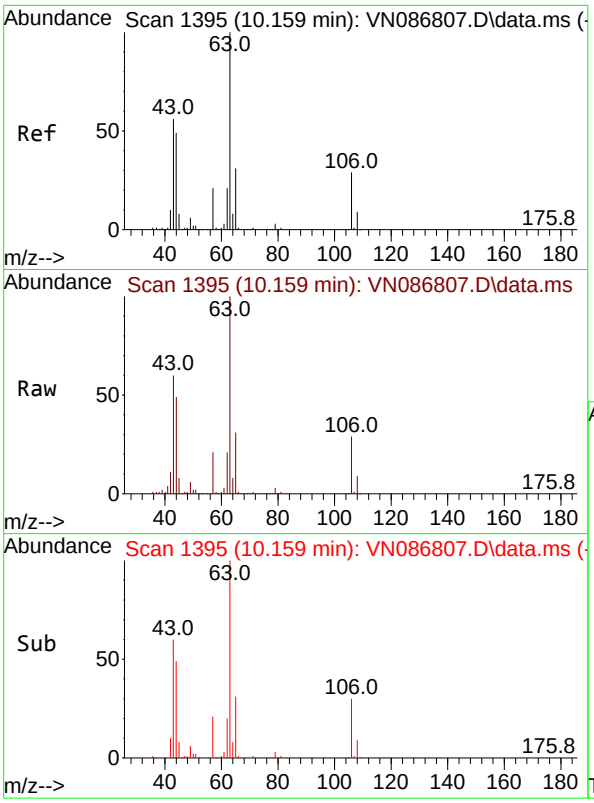


#54
1,2-Dibromoethane
Concen: 20.215 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:107 Resp: 46157

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6





#55
2-Chloroethyl vinyl ether
Concen: 96.419 ug/l
RT: 10.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

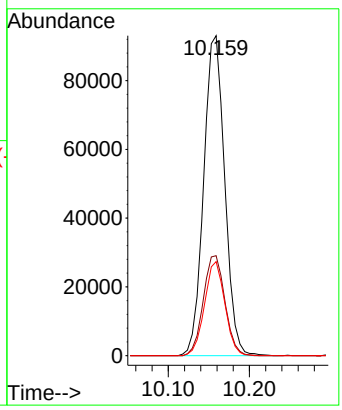
Tgt Ion: 63 Resp: 16743

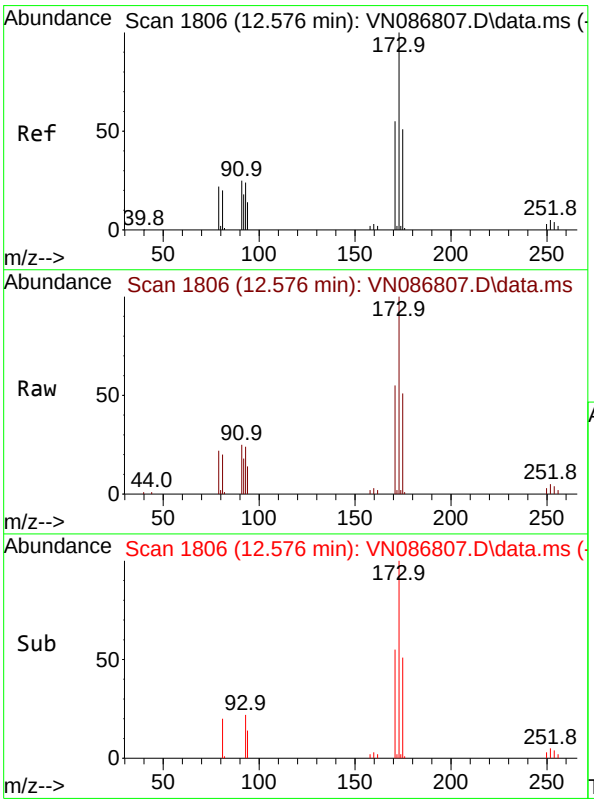
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	28.4	22.7	34.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

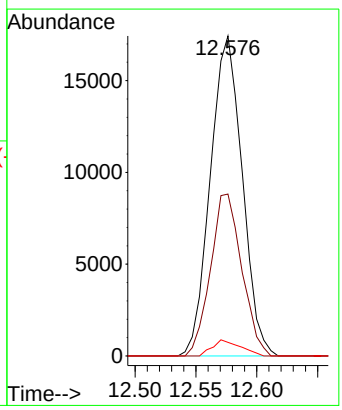


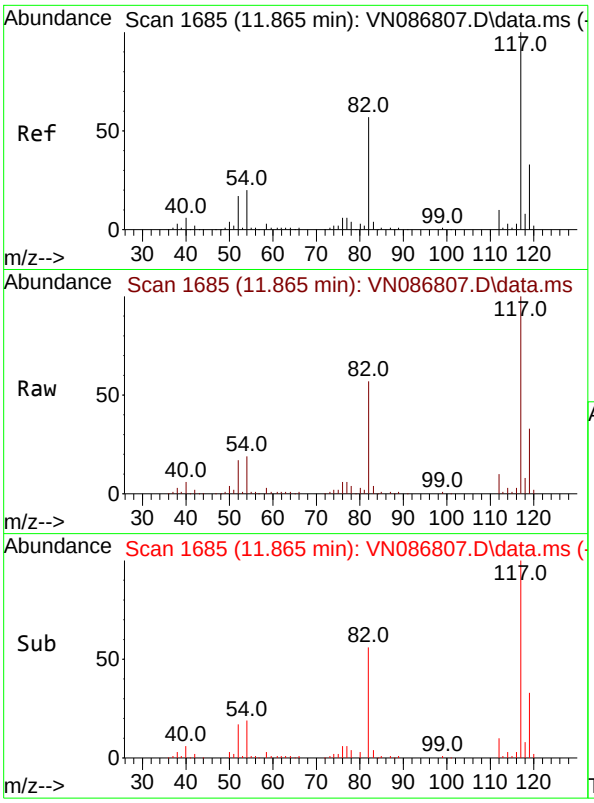


#56
Bromoform
Concen: 19.987 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:173 Resp: 31789

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.7	59.5
254	4.4	3.5	5.3

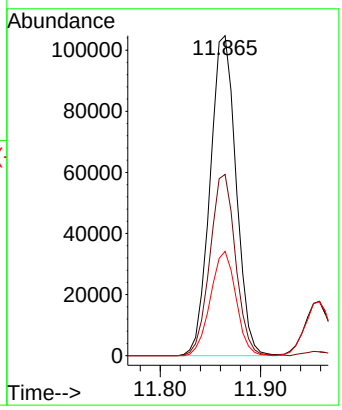




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 189009

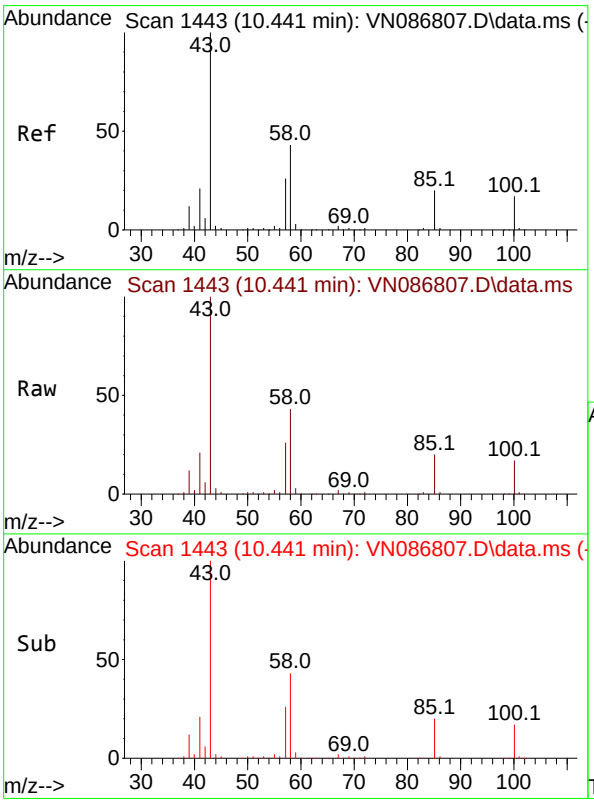
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	32.0	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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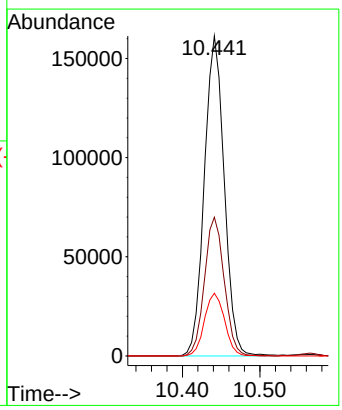
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

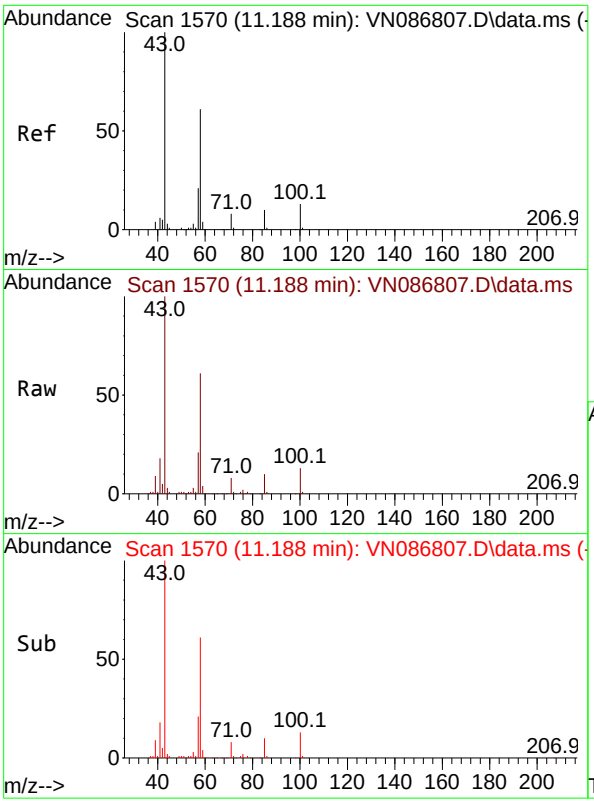


#58
4-Methyl-2-Pentanone
Concen: 103.801 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 43 Resp: 287881

Ion	Ratio	Lower	Upper
43	100		
58	43.1	34.5	51.7
85	19.8	15.8	23.8





#59
2-Hexanone
Concen: 102.323 ug/l
RT: 11.188 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

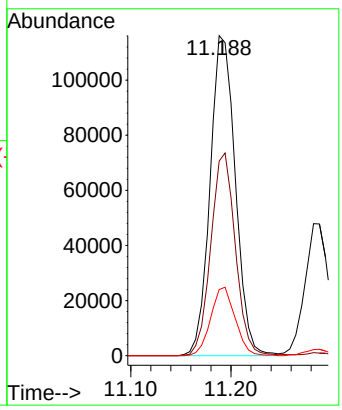
Tgt Ion: 43 Resp: 20327

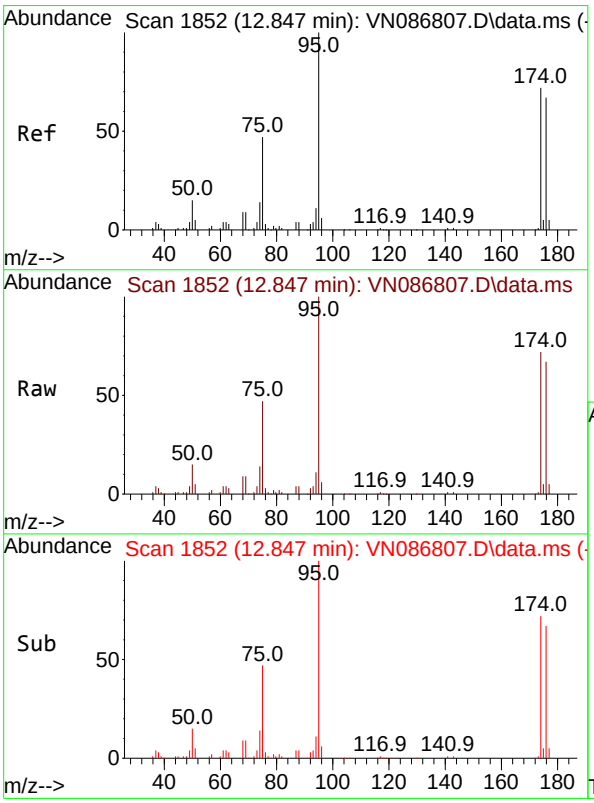
Ion	Ratio	Lower	Upper
43	100		
58	61.4	49.1	73.7
57	20.8	16.6	25.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

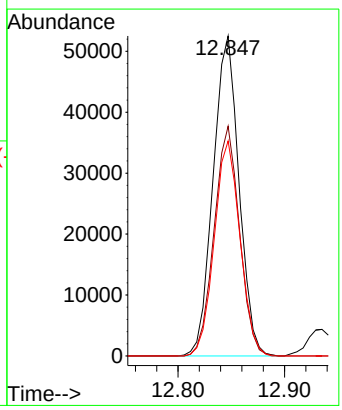


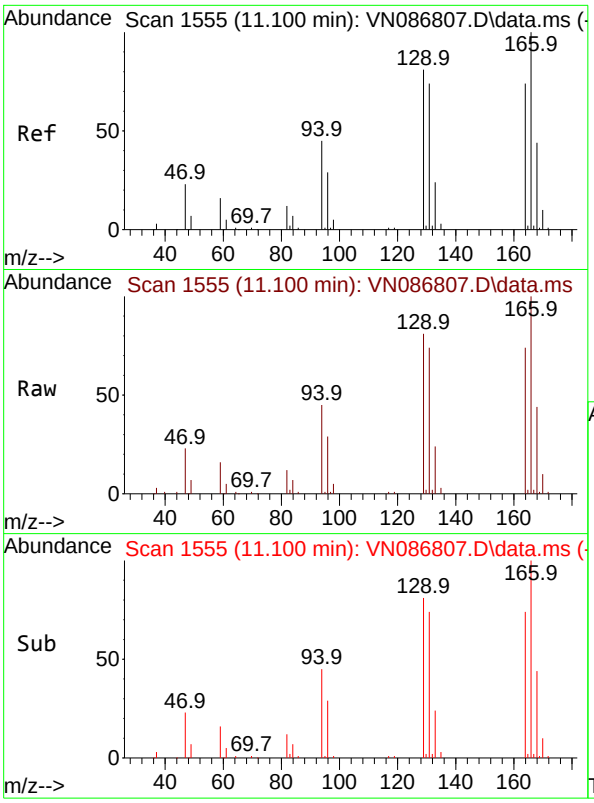


#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 95 Resp: 88476

Ion	Ratio	Lower	Upper
95	100		
174	70.3	56.2	84.4
176	66.7	53.4	80.0

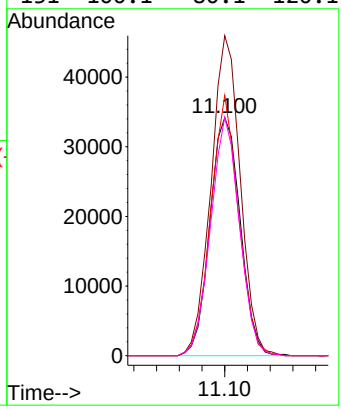




#61
Tetrachloroethene
Concen: 19.931 ug/l
RT: 11.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:164 Resp: 6332

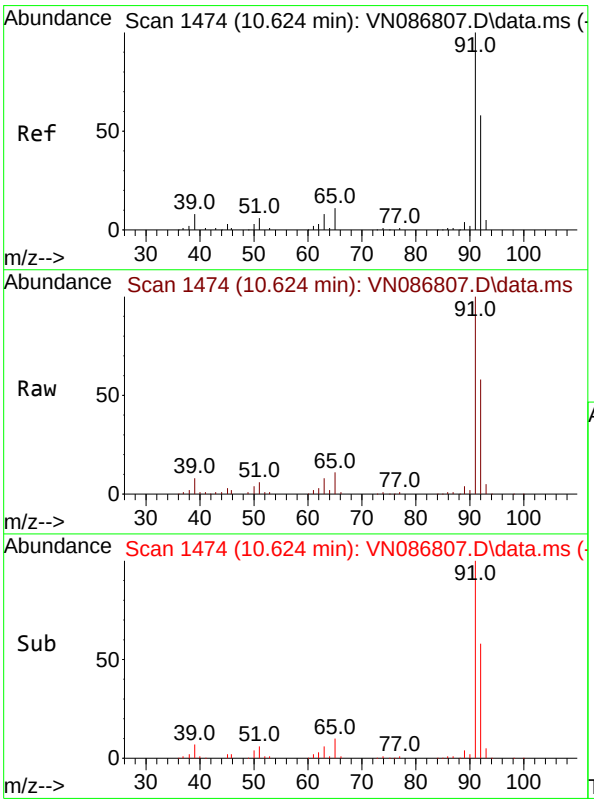
Ion	Ratio	Lower	Upper
164	100		
166	134.4	107.5	161.3
129	109.3	87.4	131.2
131	100.1	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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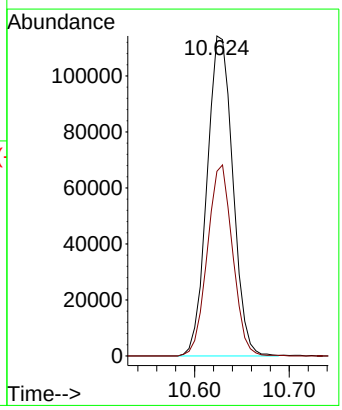
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

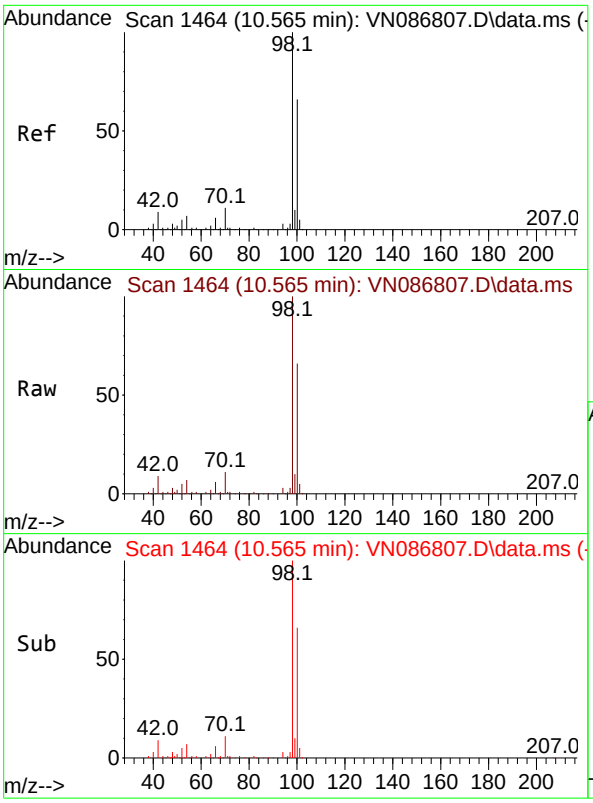


#62
Toluene
Concen: 20.325 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 216360

Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	70.0





#63
Toluene-d8
Concen: 30.321 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

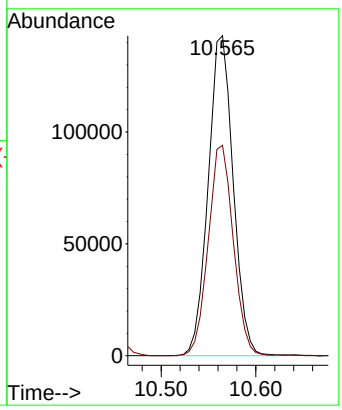
Tgt Ion: 98 Resp: 26304

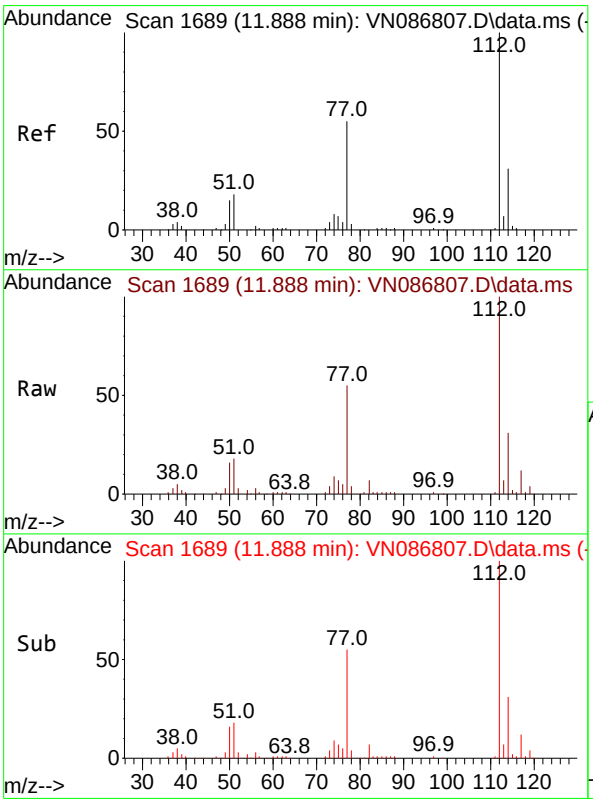
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

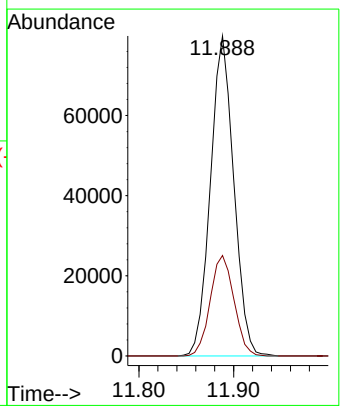


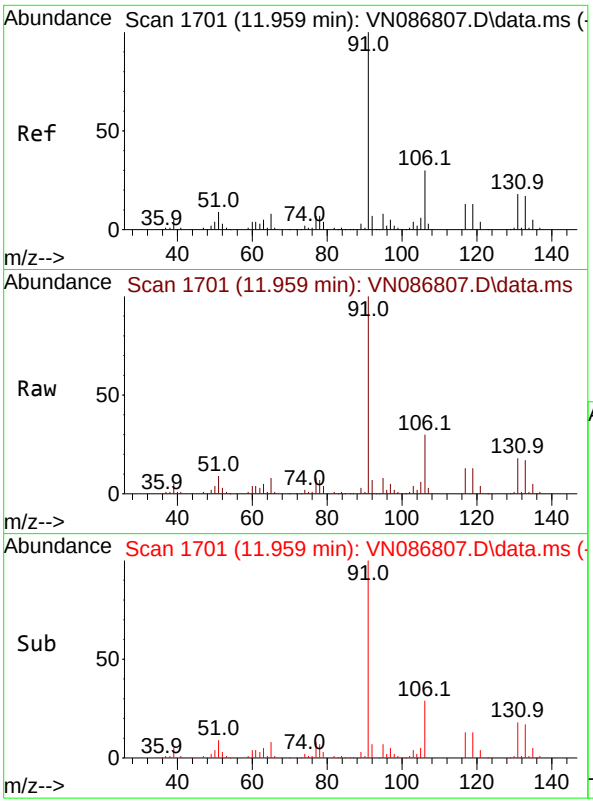


#64
Chlorobenzene
Concen: 20.126 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:112 Resp: 136627

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.866 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

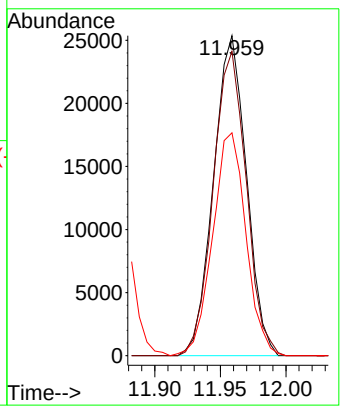
Tgt Ion:131 Resp: 4430

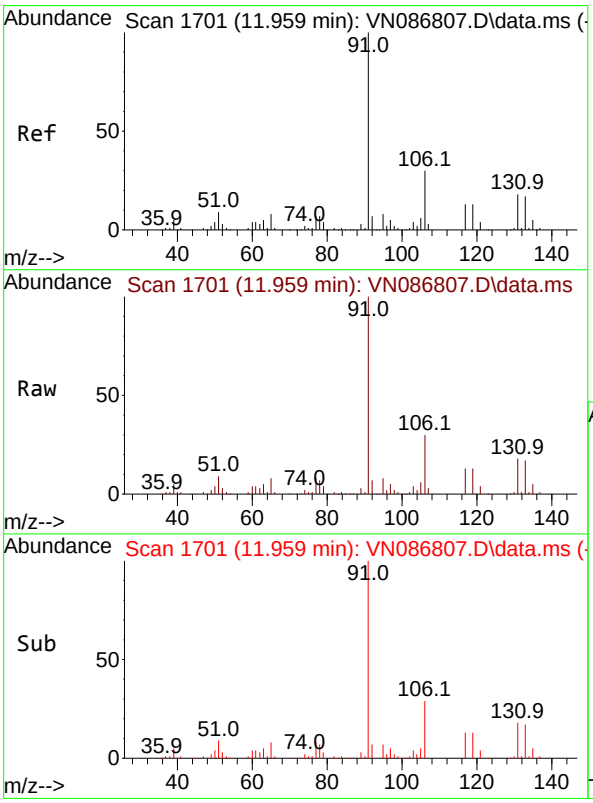
Ion	Ratio	Lower	Upper
131	100		
133	95.5	0.0	191.0
119	70.4	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

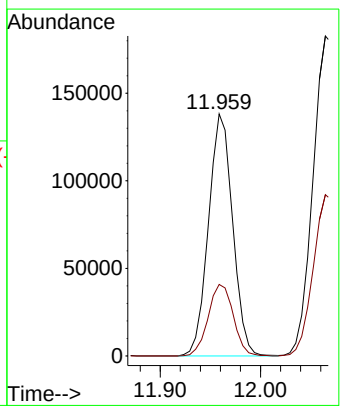


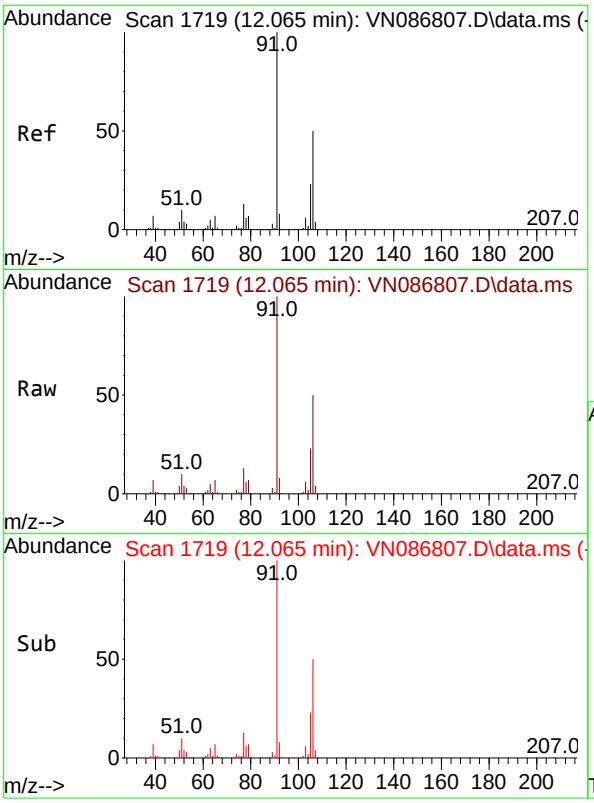


#66
Ethyl Benzene
Concen: 20.088 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 231289

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.6	35.4





#67
m/p-Xylenes
Concen: 40.320 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

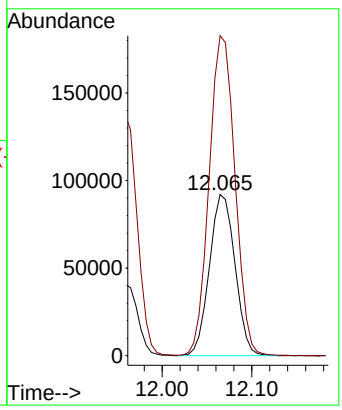
Tgt Ion:106 Resp: 18217

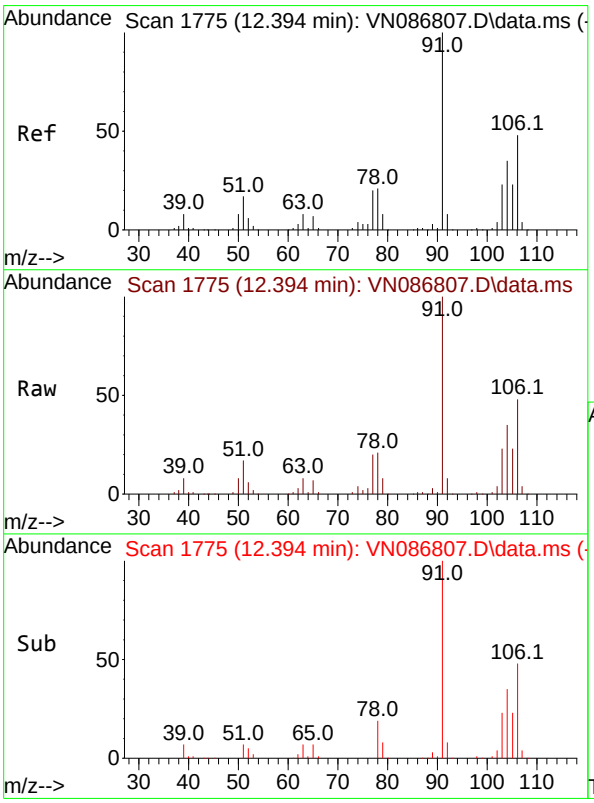
Ion	Ratio	Lower	Upper
106	100		
91	200.9	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

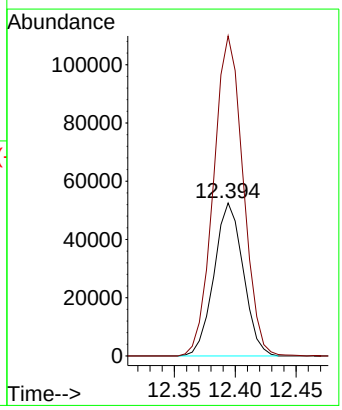


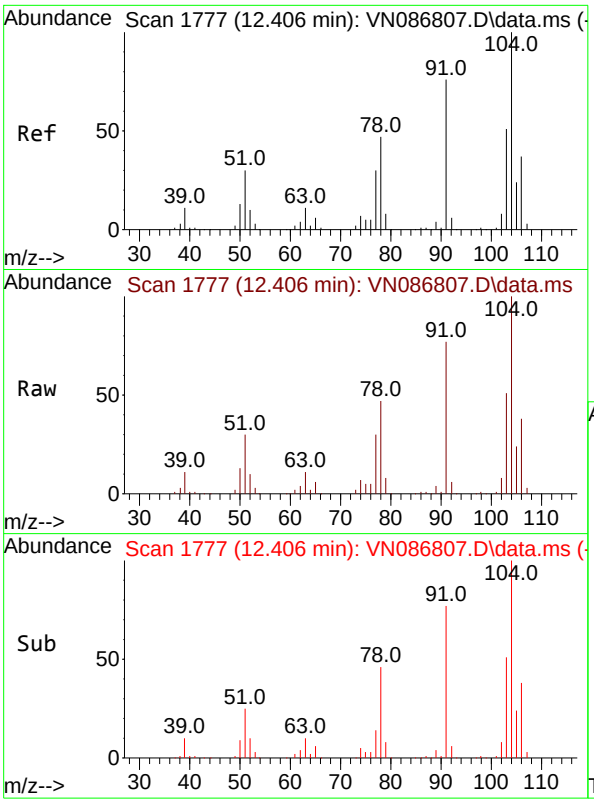


#68
o-Xylene
Concen: 20.011 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:106 Resp: 87623

Ion	Ratio	Lower	Upper
106	100		
91	212.6	106.3	318.9





#69
Styrene
Concen: 20.007 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

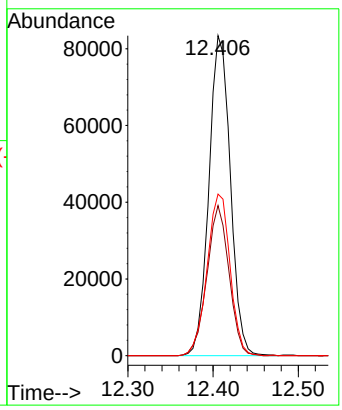
Tgt Ion:104 Resp: 14595

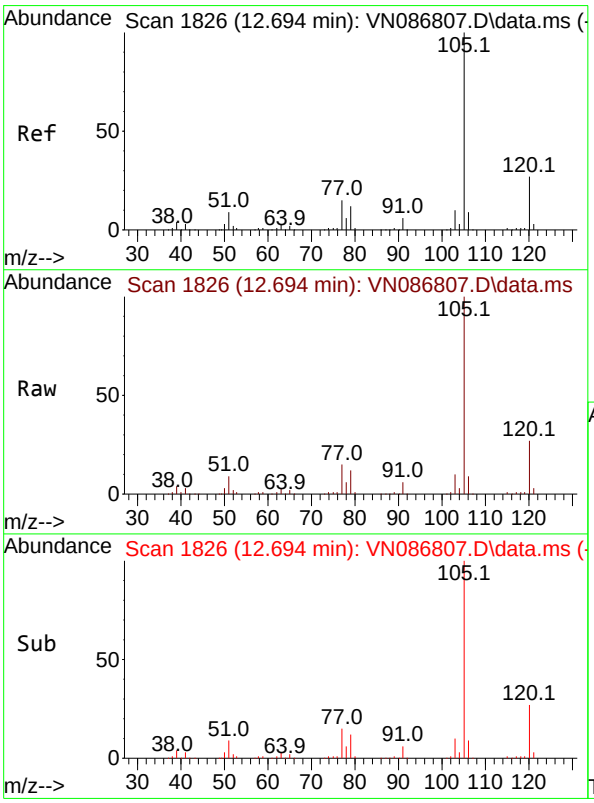
Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.6	57.8
103	54.0	43.2	64.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

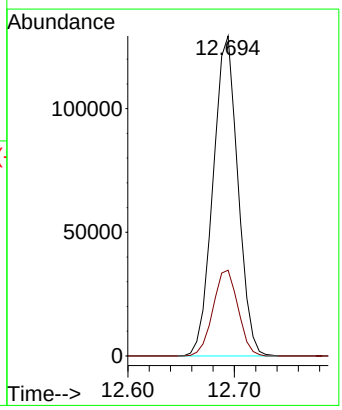


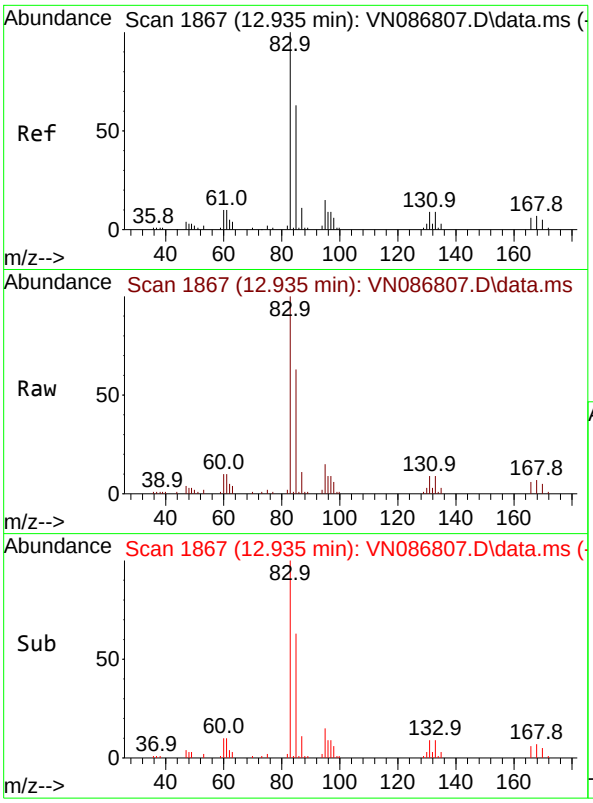


#70
Isopropylbenzene
Concen: 20.086 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 209188

Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.847 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

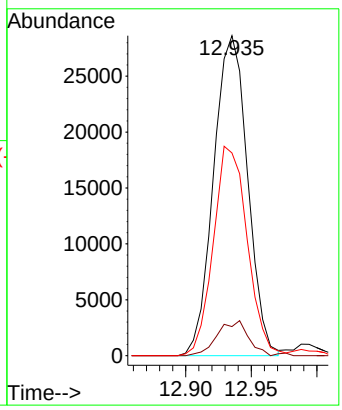
Tgt Ion: 83 Resp: 5162

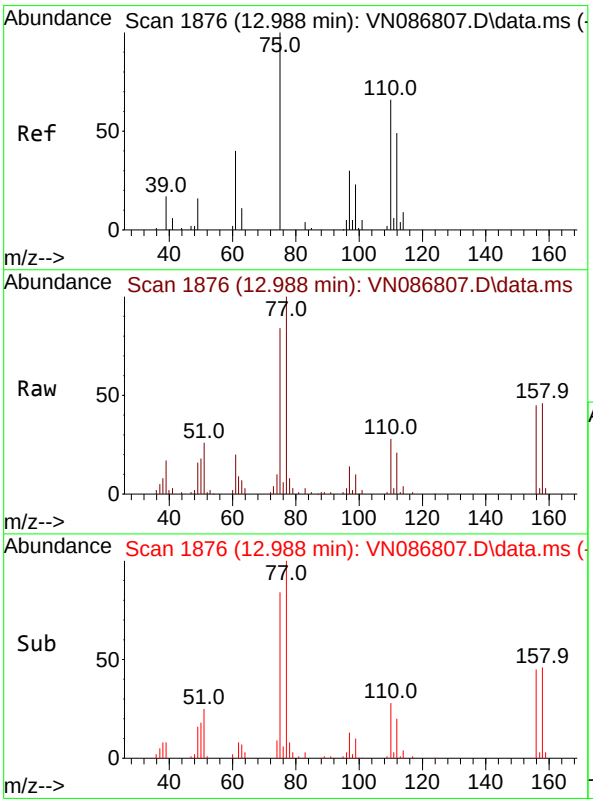
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	65.1	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

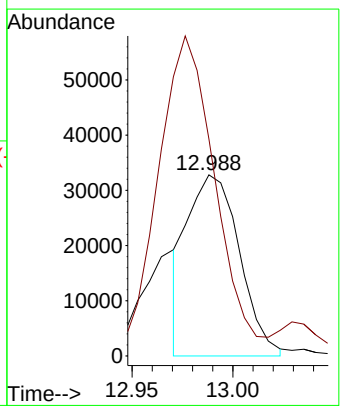


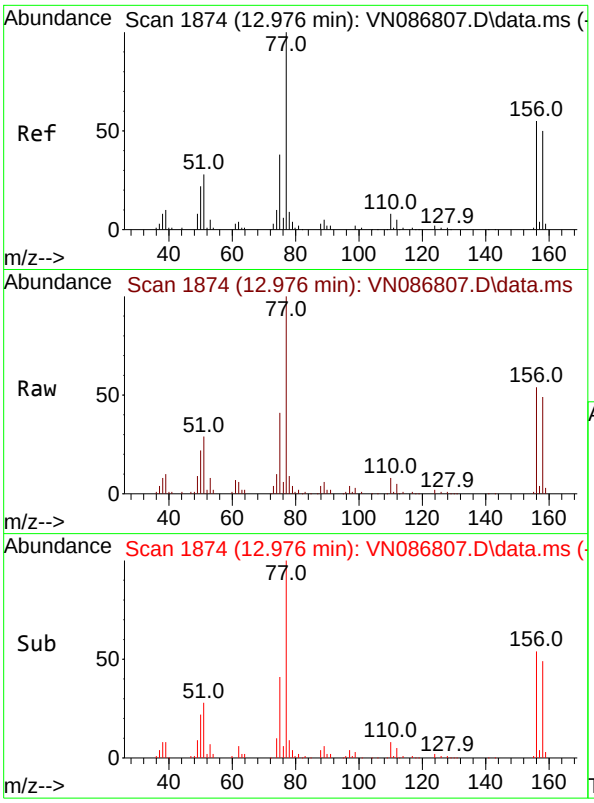


#72
1,2,3-Trichloropropane
Concen: 19.320 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 58937

Ion	Ratio	Lower	Upper
75	100		
77	195.3	0.0	390.6

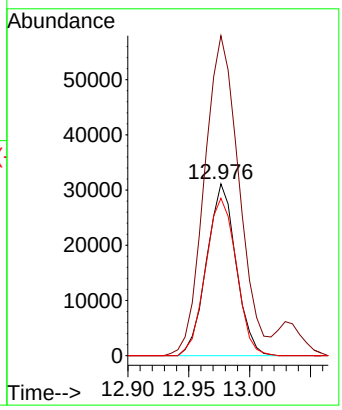




#73
Bromobenzene
Concen: 20.123 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:156 Resp: 5209

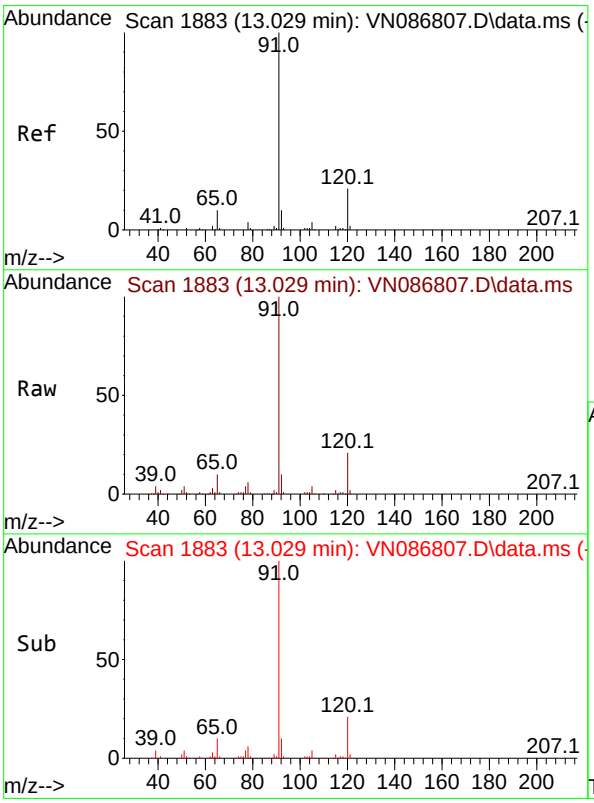
Ion	Ratio	Lower	Upper
156	100		
77	221.0	0.0	442.0
158	95.9	0.0	191.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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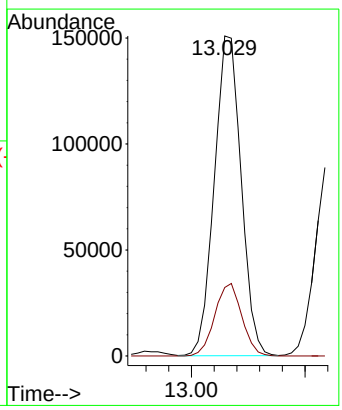
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

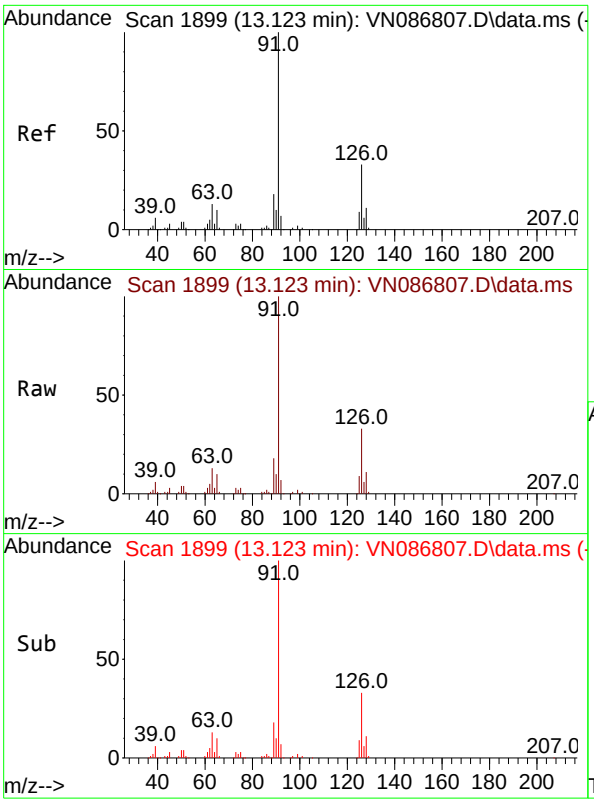


#74
n-propylbenzene
Concen: 20.068 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 247566

Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	45.6

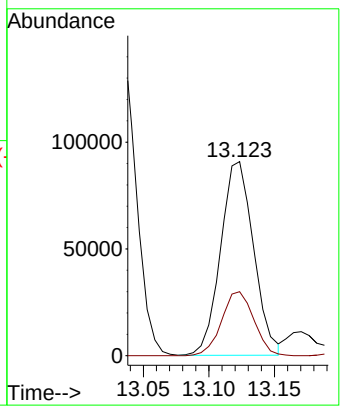




#75
2-Chlorotoluene
Concen: 20.087 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 15904

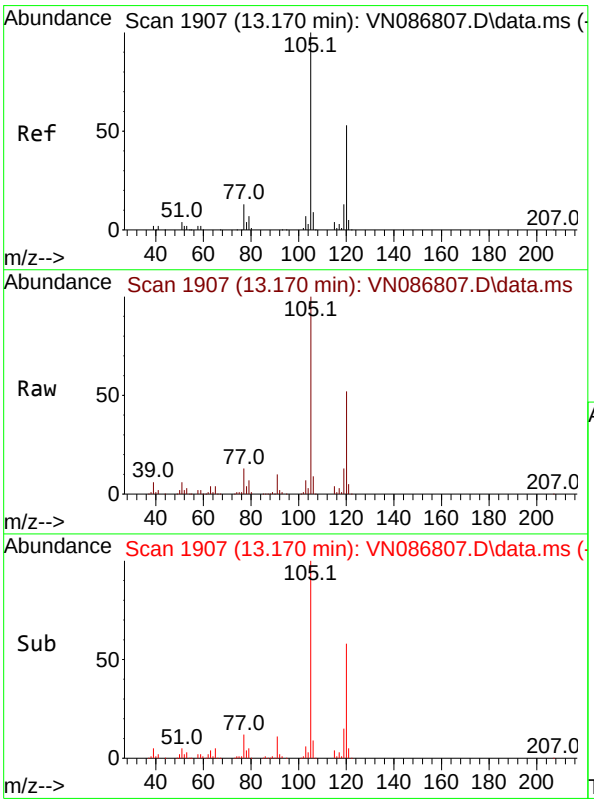
Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
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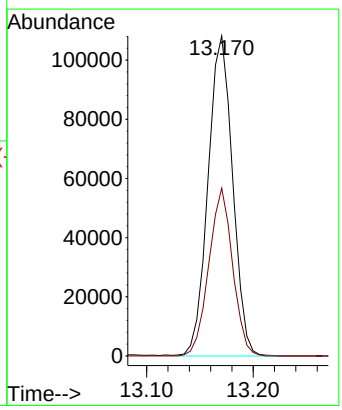
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

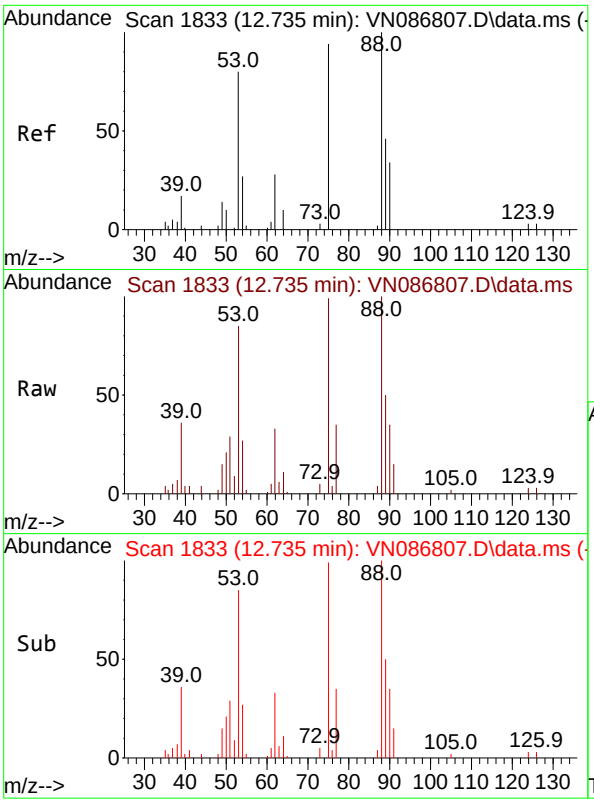


#76
1,3,5-Trimethylbenzene
Concen: 19.976 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 173075

Ion	Ratio	Lower	Upper
105	100		
120	50.7	0.0	101.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.166 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

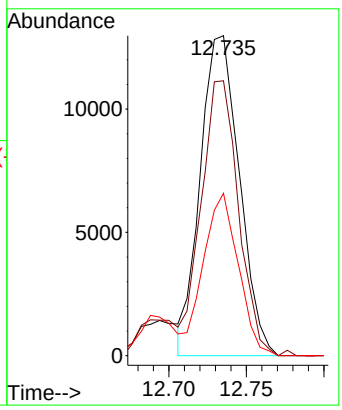
Tgt Ion: 75 Resp: 2276

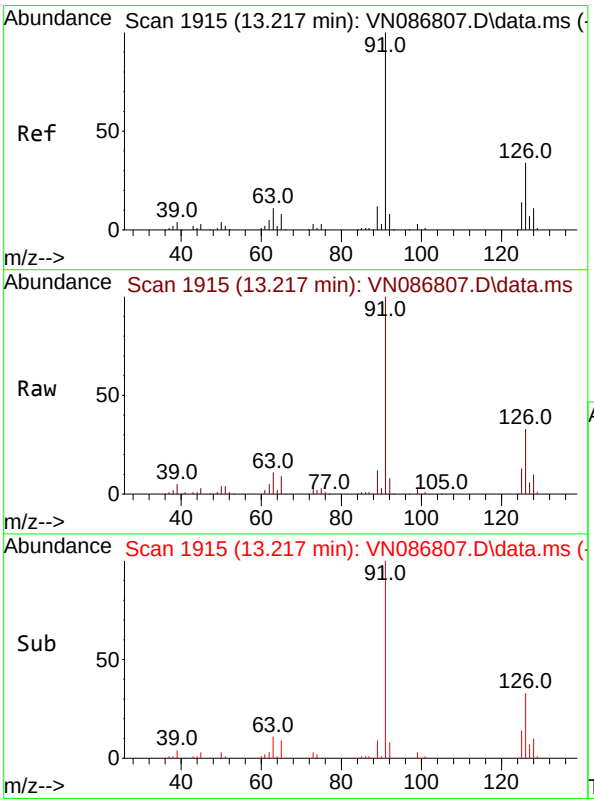
Ion	Ratio	Lower	Upper
75	100		
53	85.9	43.0	128.8
89	50.8	25.4	76.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

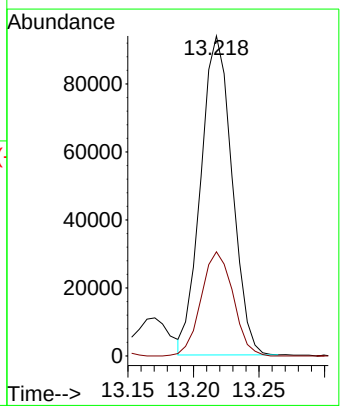


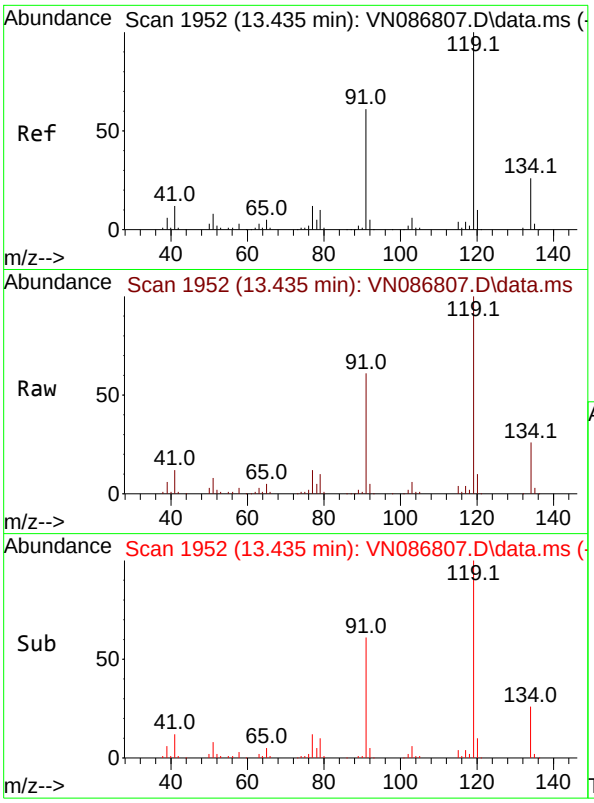


#78
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 91 Resp: 155817

Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	66.6





#79
tert-butylbenzene
Concen: 19.807 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

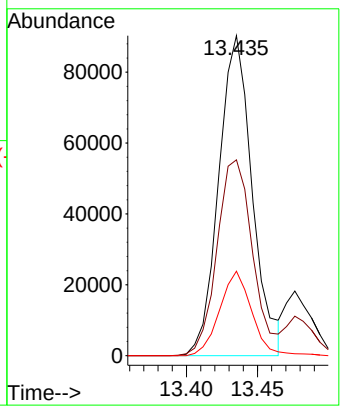
Tgt Ion:119 Resp: 14837

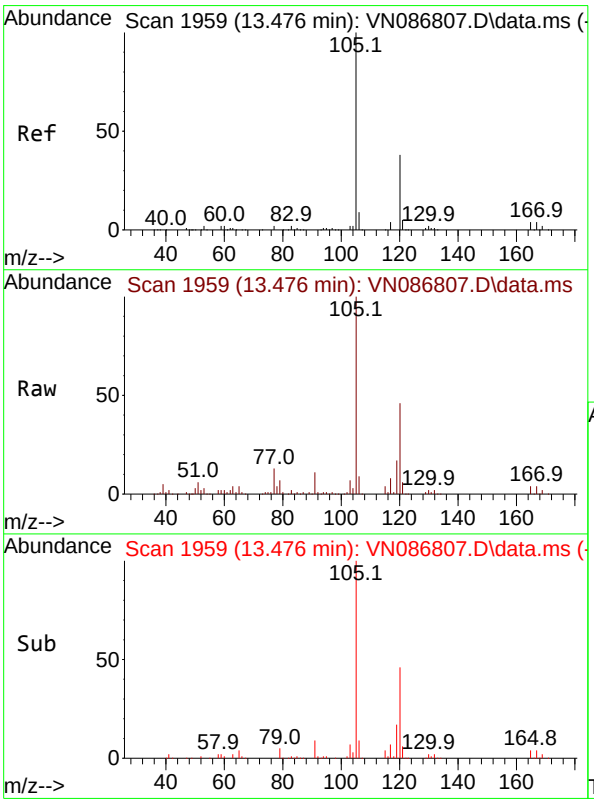
Ion	Ratio	Lower	Upper
119	100		
91	65.2	0.0	130.4
134	25.3	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

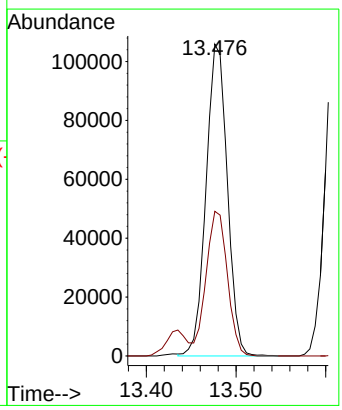


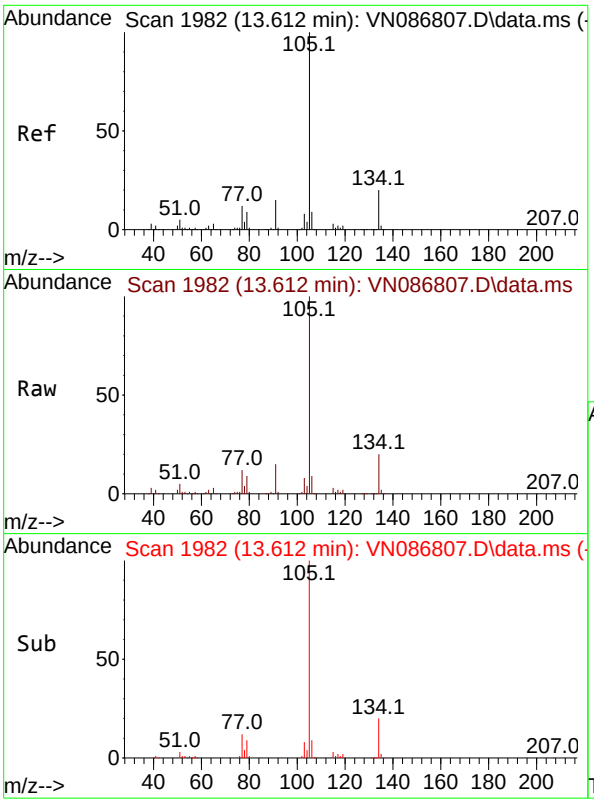


#80
1,2,4-Trimethylbenzene
Concen: 20.038 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:105 Resp: 174264

Ion	Ratio	Lower	Upper
105	100		
120	46.1	0.0	92.2





#81
sec-Butylbenzene
Concen: 19.913 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

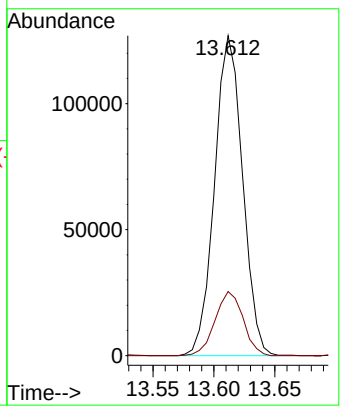
Tgt Ion:105 Resp: 20321

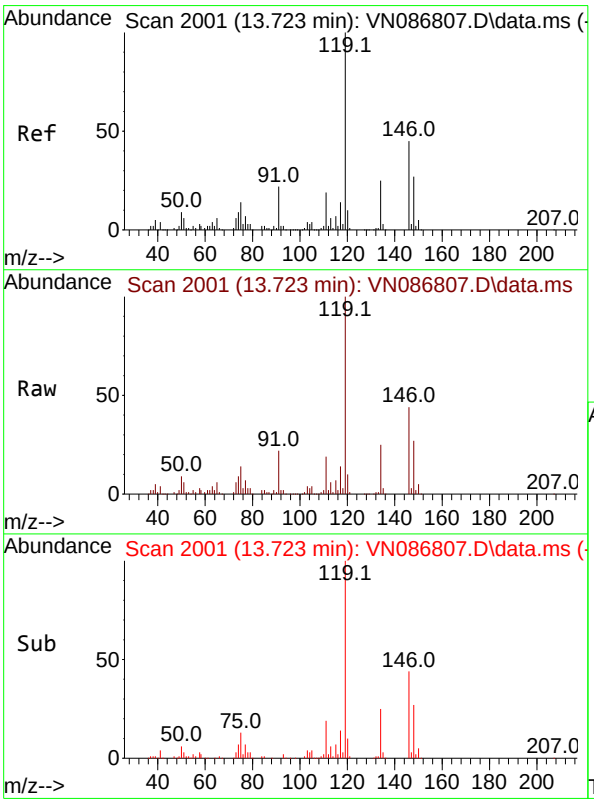
Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	40.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

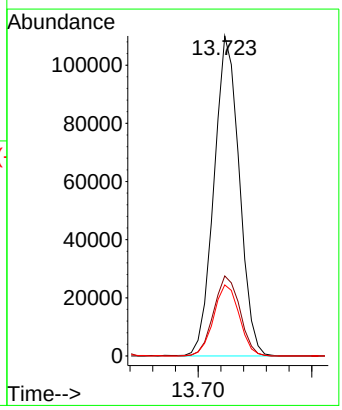


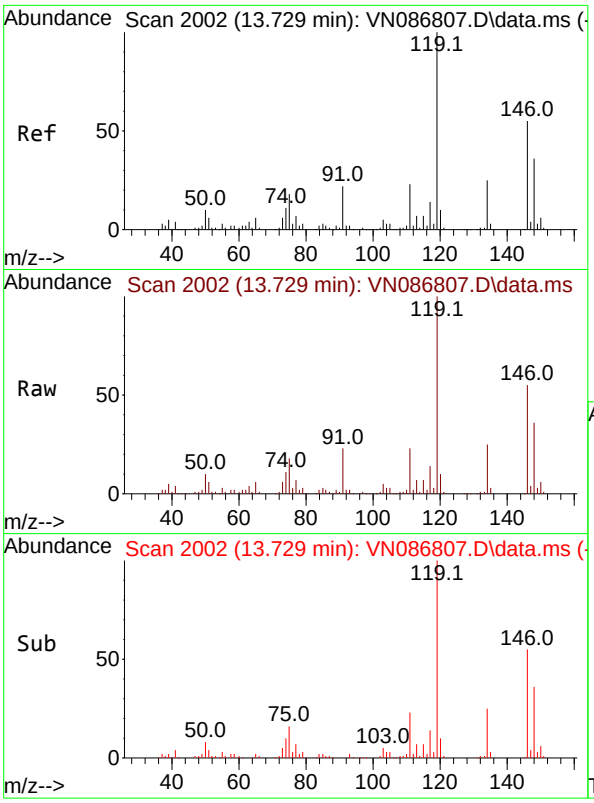


#82
p-Isopropyltoluene
Concen: 19.852 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:119 Resp: 170107

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	51.8
91	22.6	0.0	45.2

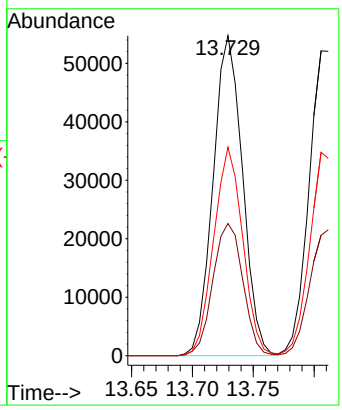




#83
1,3-Dichlorobenzene
Concen: 19.415 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 9219

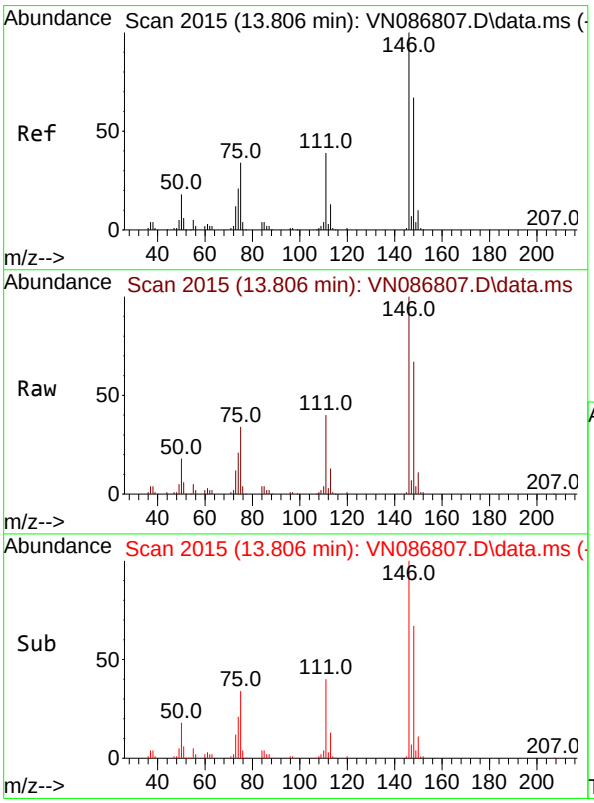
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.3	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

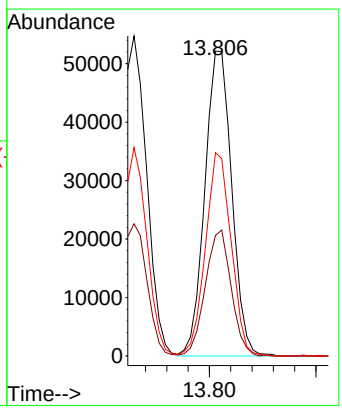
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

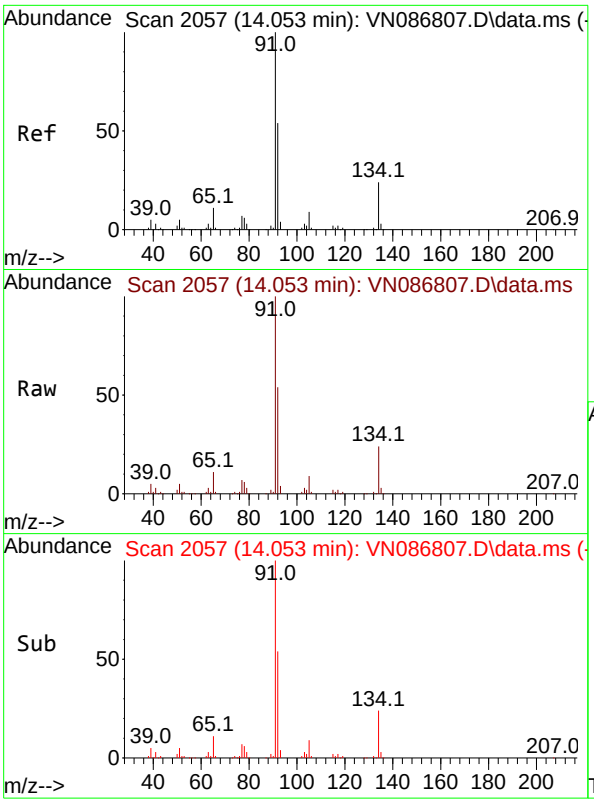


#84
1,4-Dichlorobenzene
Concen: 19.368 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 91531

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.7	31.9	95.5





#85
n-Butylbenzene
Concen: 19.040 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

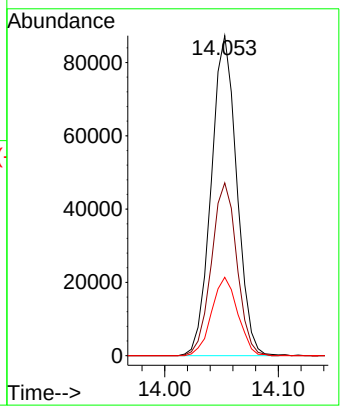
Tgt Ion: 91 Resp: 13659

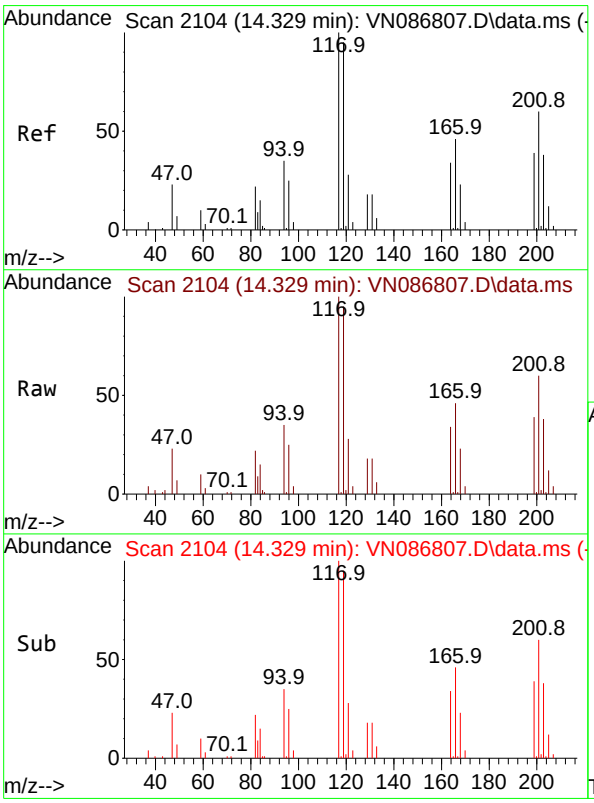
Ion	Ratio	Lower	Upper
91	100		
92	53.8	0.0	107.6
134	25.0	0.0	50.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

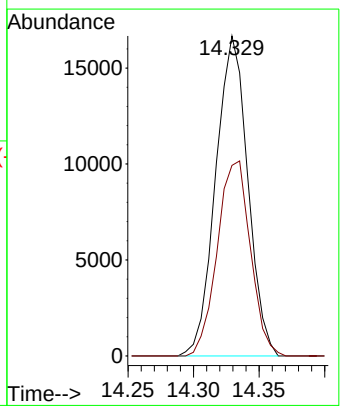


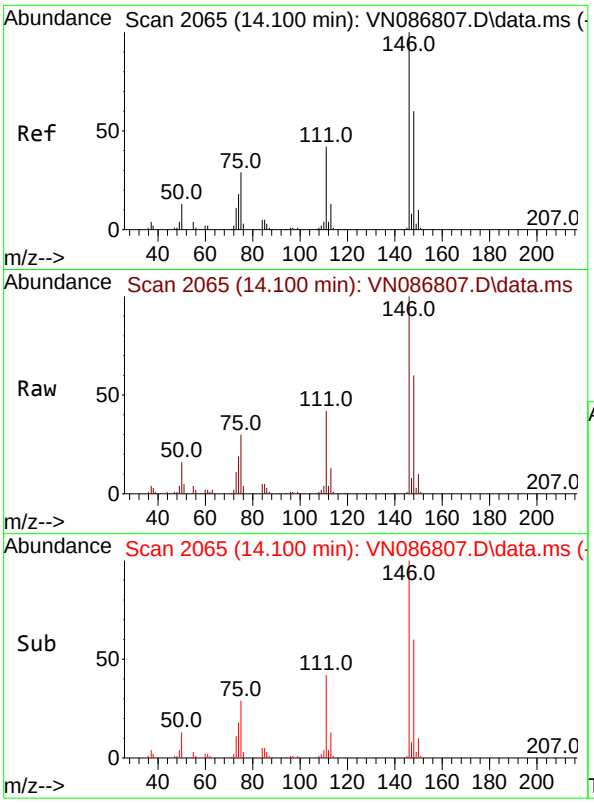


#86
Hexachloroethane
Concen: 19.424 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:117 Resp: 28367

Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.4	94.3

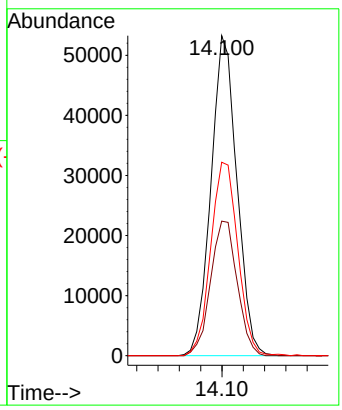




#87
1,2-Dichlorobenzene
Concen: 19.621 ug/l
RT: 14.100 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:146 Resp: 8988

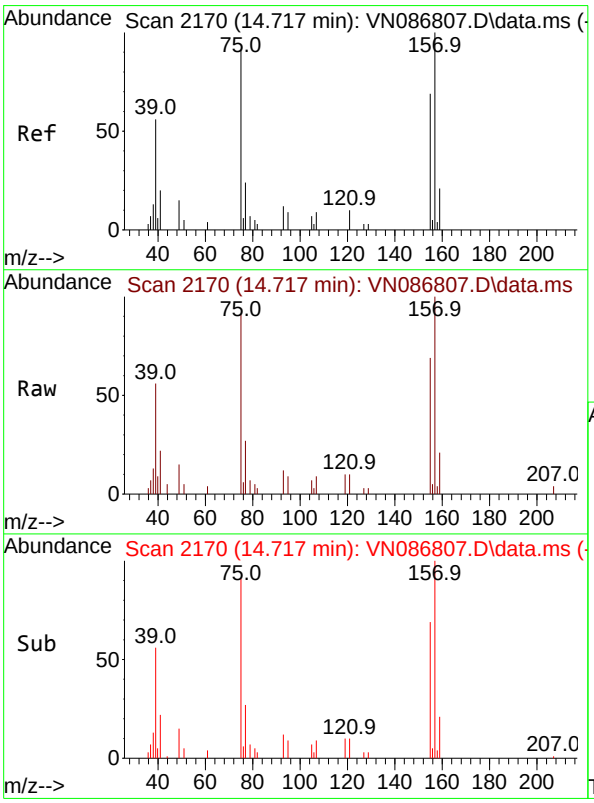
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	63.1	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

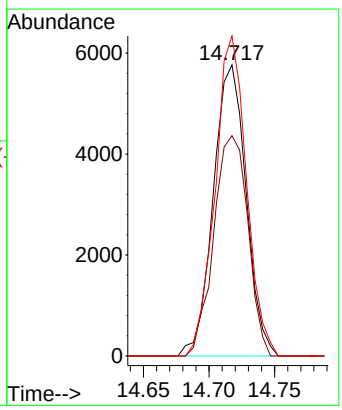
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

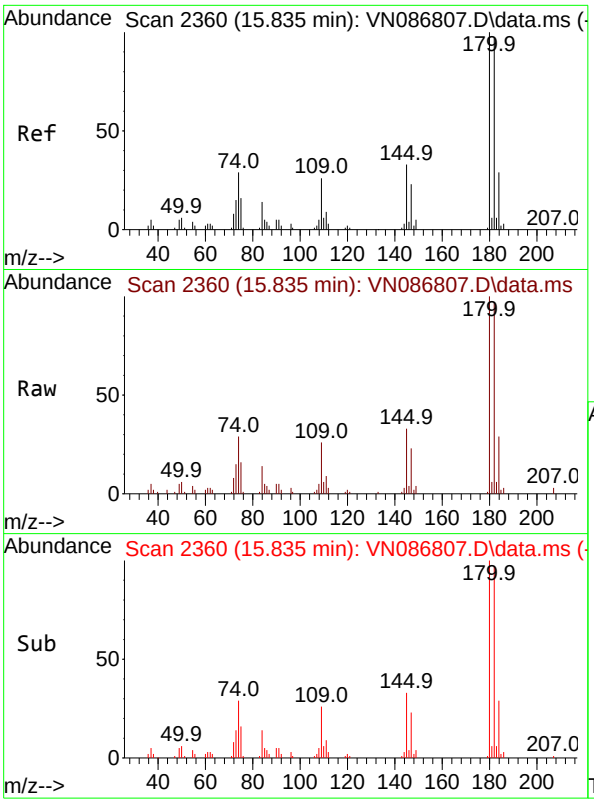


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.237 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion: 75 Resp: 10031

Ion	Ratio	Lower	Upper
75	100		
155	78.6	62.9	94.3
157	105.0	84.0	126.0

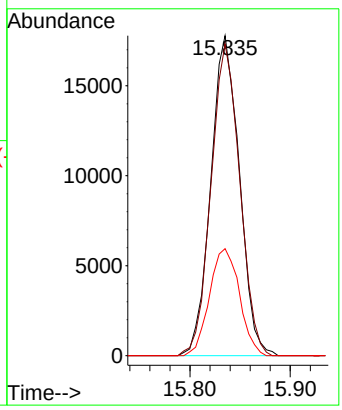




#89
1,2,4-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:180 Resp: 3519

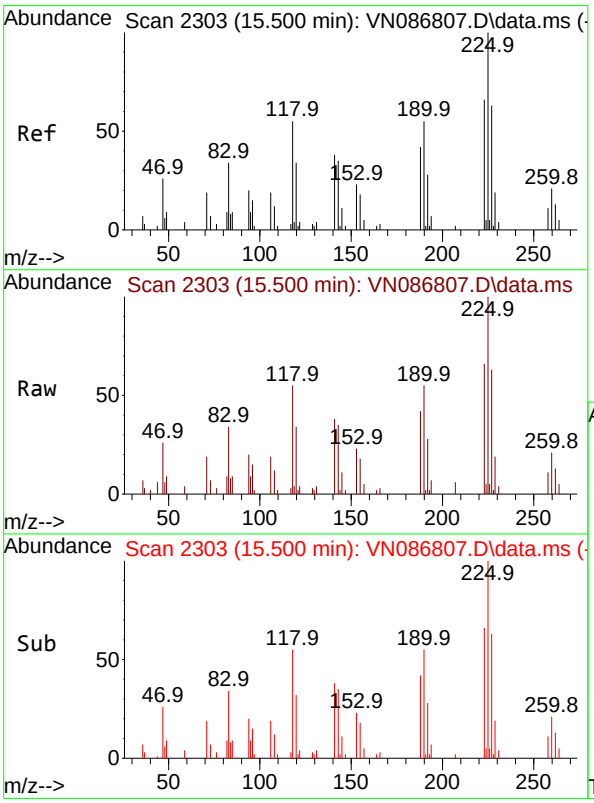
Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.2	117.2
145	35.0	28.0	42.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

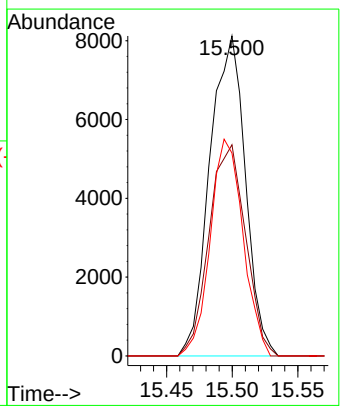
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

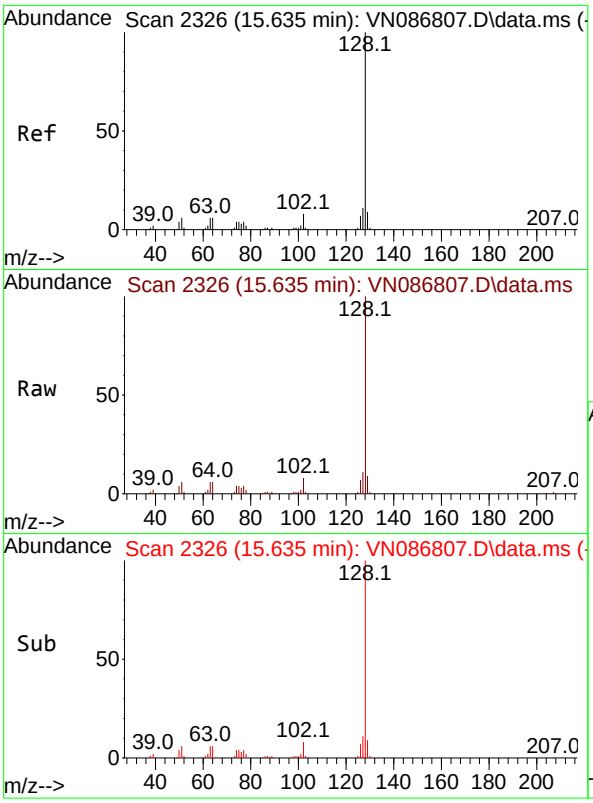


#90
Hexachlorobutadiene
Concen: 18.652 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:225 Resp: 15326

Ion	Ratio	Lower	Upper
225	100		
223	67.9	0.0	135.8
227	62.5	0.0	125.0

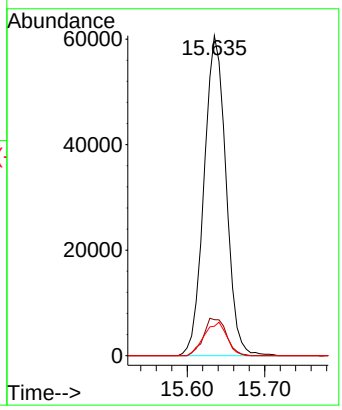




#91
Naphthalene
Concen: 17.833 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:128 Resp: 11928

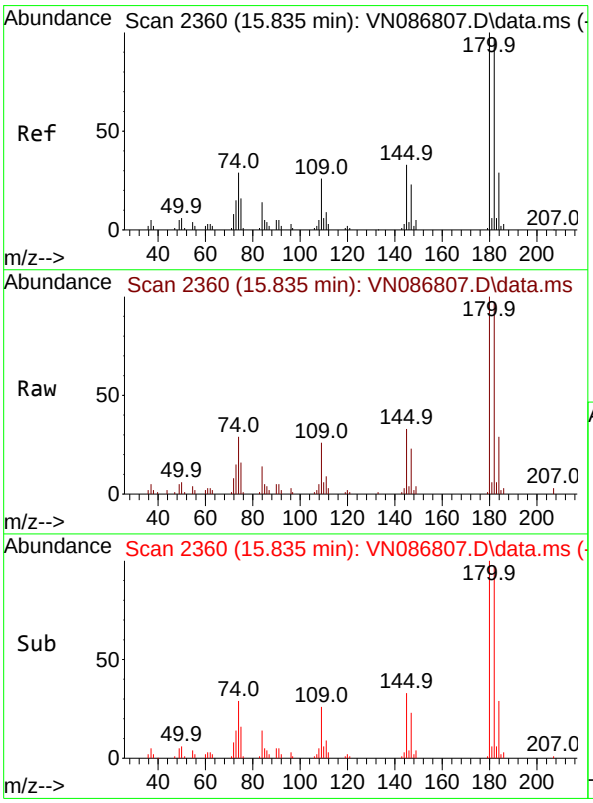
Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.6
129	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

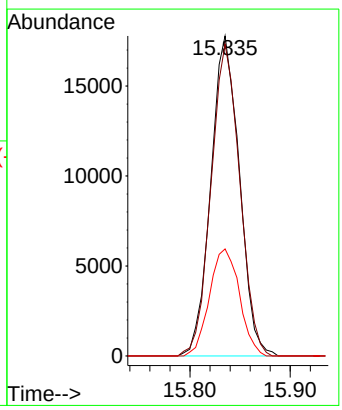
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086807.D
Acq: 29 May 2025 11:20

Tgt Ion:180 Resp: 35196

Ion	Ratio	Lower	Upper
180	100		
182	97.7	0.0	195.4
145	35.0	0.0	70.0



QC SAMPLE DATA

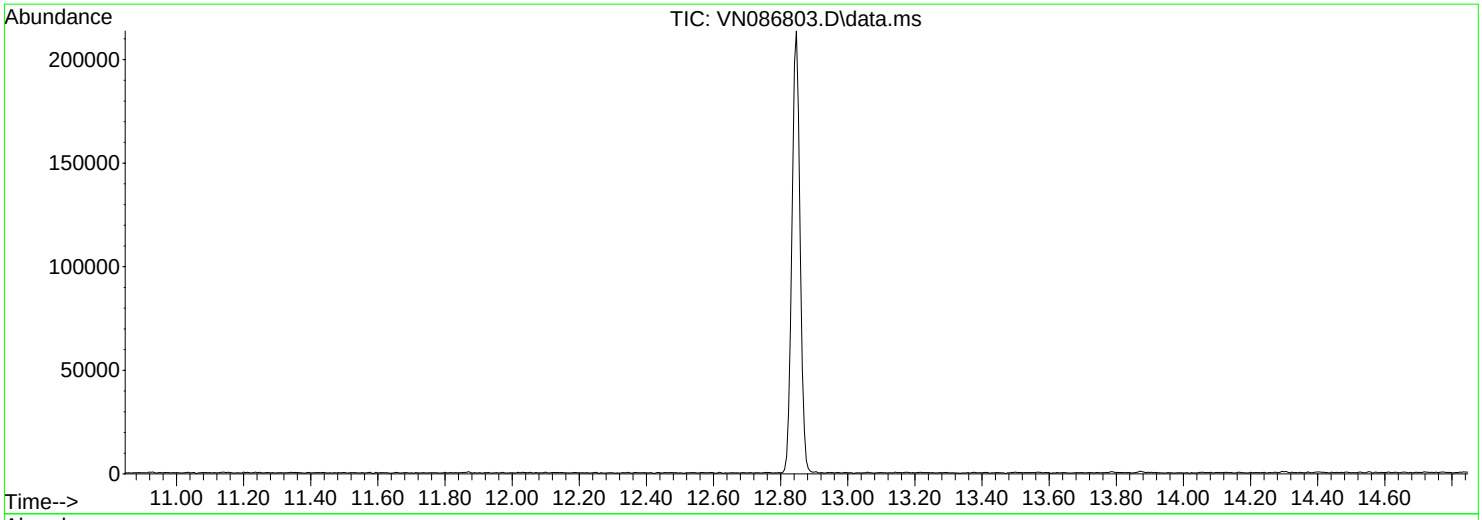
Sample Results: **VN086803.D**

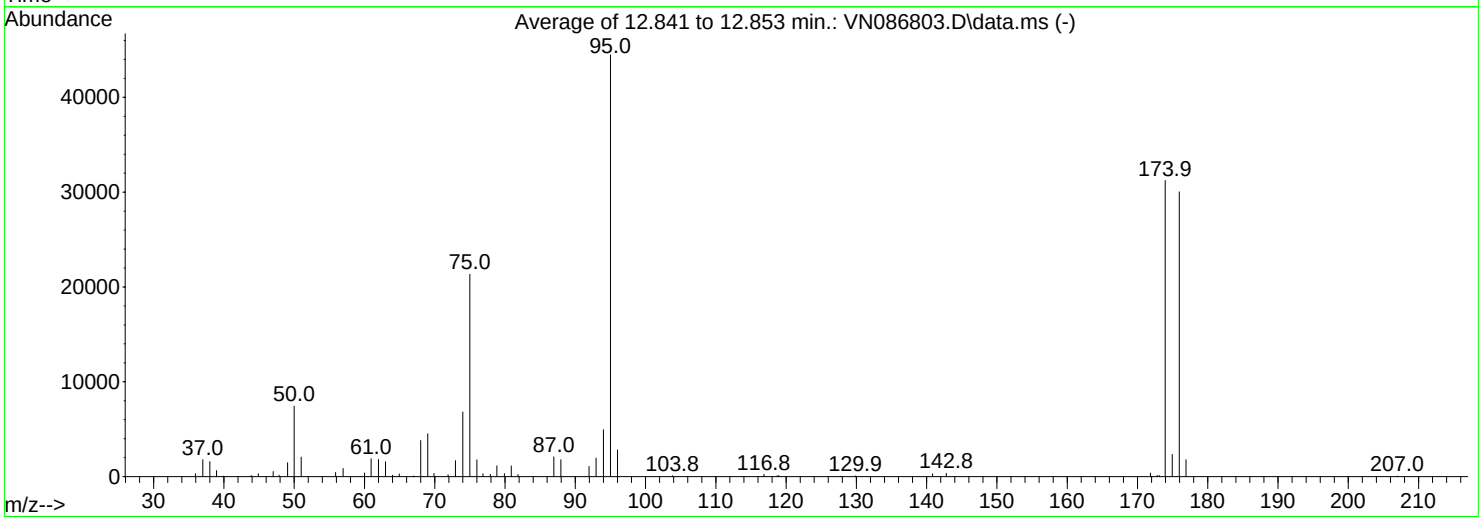
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086803.D
Acq On : 29 May 2025 08:57
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT3.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Last Update : Fri May 30 02:22:52 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.7	7440	PASS
75	95	30	60	48.0	21341	PASS
95	95	100	100	100.0	44480	PASS
96	95	5	9	6.3	2819	PASS
173	174	0.00	2	0.5	141	PASS
174	95	50	100	70.2	31232	PASS
175	174	5	9	7.5	2339	PASS
176	174	95	101	96.2	30032	PASS
177	176	5	9	6.0	1791	PASS

Raw Data: **VN086815.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	
Project:	Quarterly	Date Received:	
Client Sample ID:	VN0529WBL01	SDG No.:	Q2098
Lab Sample ID:	VN0529WBL01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086815.D	1		05/29/25 14:55	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	1.30	U	1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	1.00	U	1.00	5.00	ug/L
67-64-1	Acetone	4.60	U	4.60	25.0	ug/L
75-09-2	Methylene Chloride	0.86	U	0.86	5.00	ug/L
628-63-7	n-amyl Acetate	0.81	U	0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.2		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	29.8		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	26.3		63 - 112	88%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	38600	7.812			
540-36-3	1,4-Difluorobenzene	218000	9.1			
3114-55-4	Chlorobenzene-d5	192000	11.865			

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\VN052925\
Data File : VN086815.D
Acq On : 29 May 2025 14:55
Operator : JC\MD
Sample : VN0529WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Quant Time: May 30 02:43:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

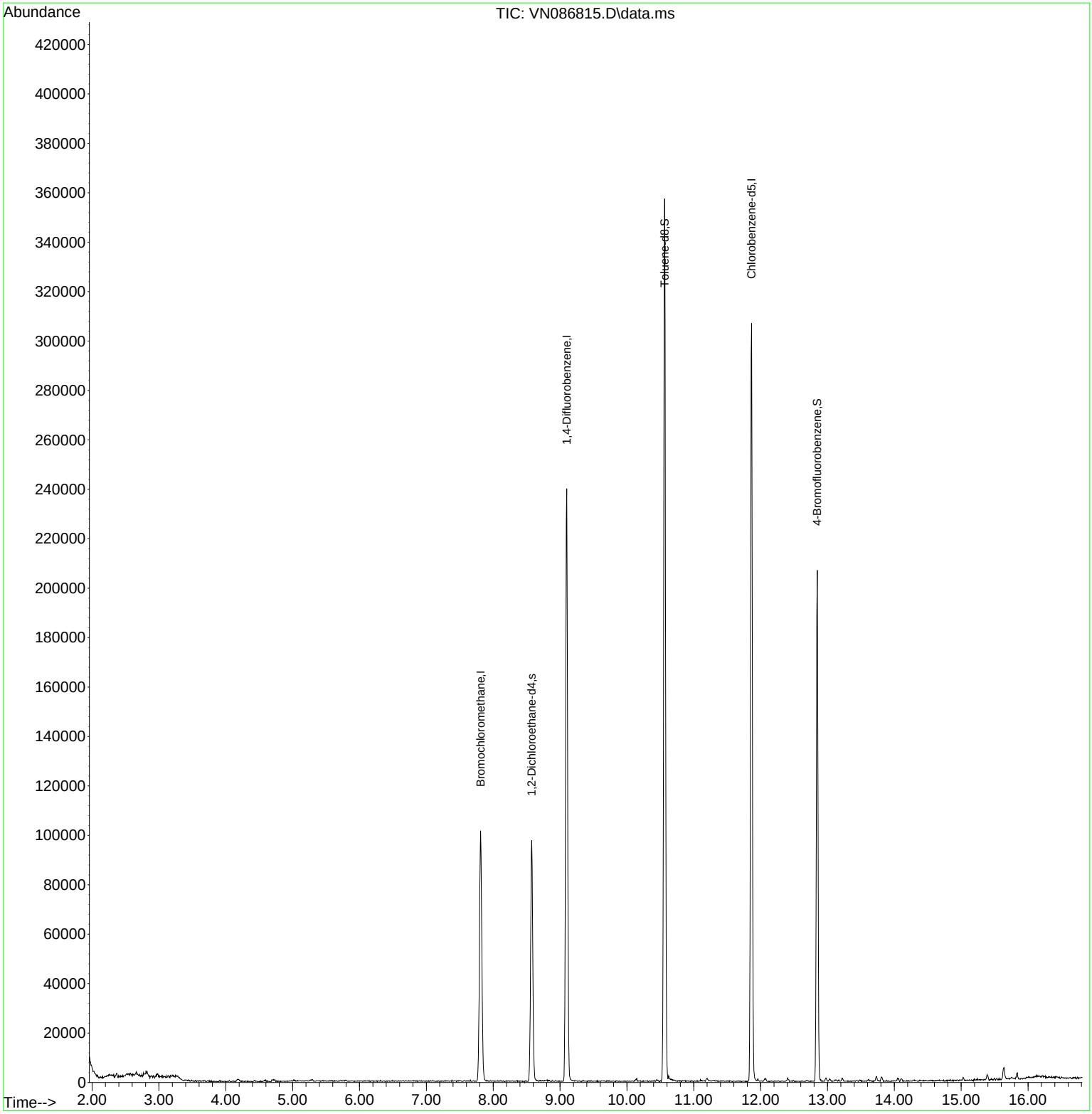
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	38604	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	217678	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	191557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	80131	30.211	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	12.847	95	79039	26.281	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.600%			
63) Toluene-d8	10.565	98	262130	29.814	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.367%			
Target Compounds						Qvalue

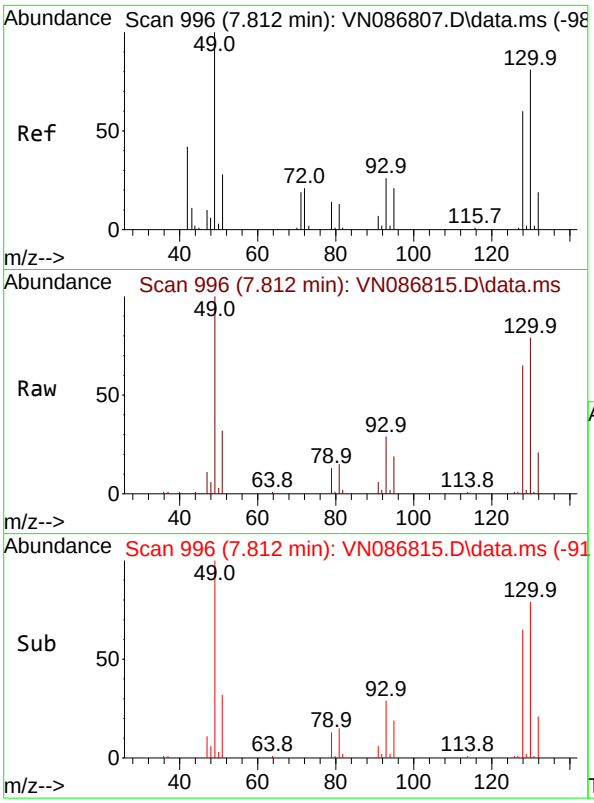
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086815.D
Acq On : 29 May 2025 14:55
Operator : JC\MD
Sample : VN0529WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Quant Time: May 30 02:43:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration



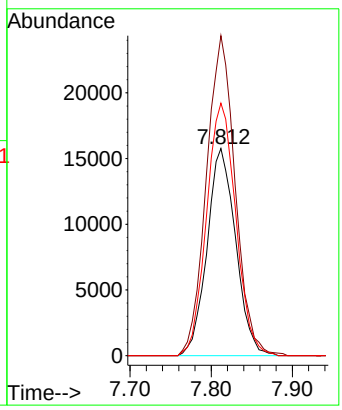


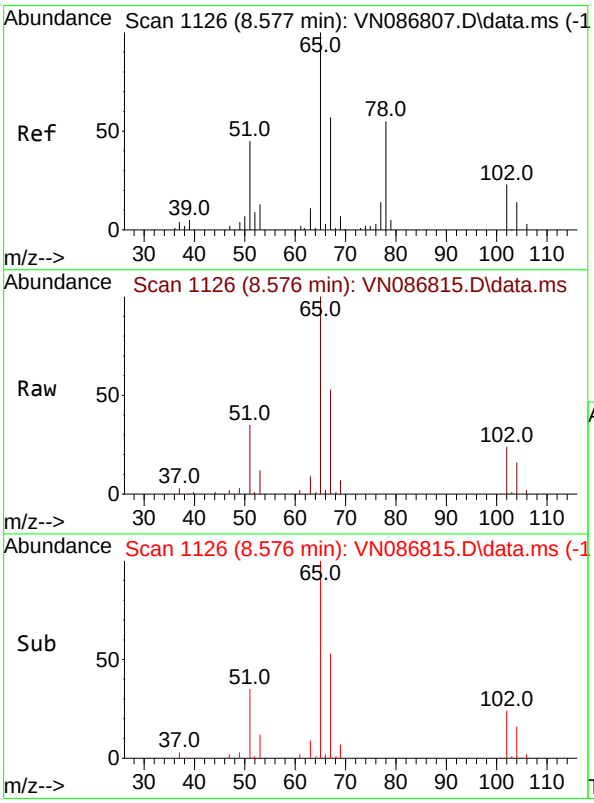
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Tgt Ion:128 Resp: 38604

Ion	Ratio	Lower	Upper
128	100		
49	155.4	0.0	404.5
130	125.1	0.0	322.2

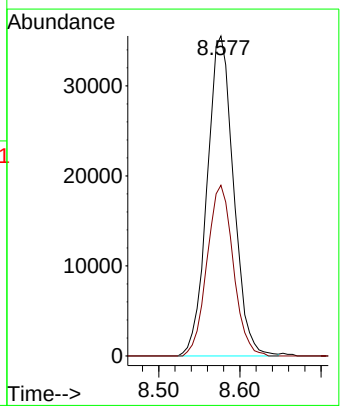


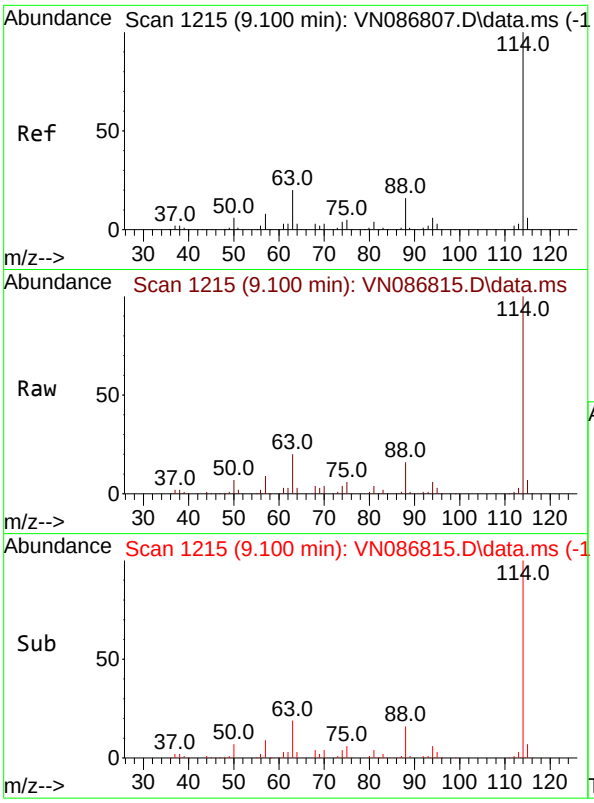


#27
1,2-Dichloroethane-d4
Concen: 30.211 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Tgt Ion: 65 Resp: 80131

Ion	Ratio	Lower	Upper
65	100		
67	53.1	44.6	67.0



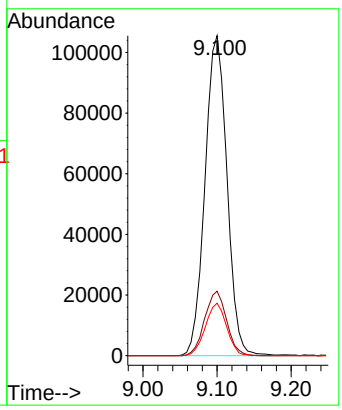


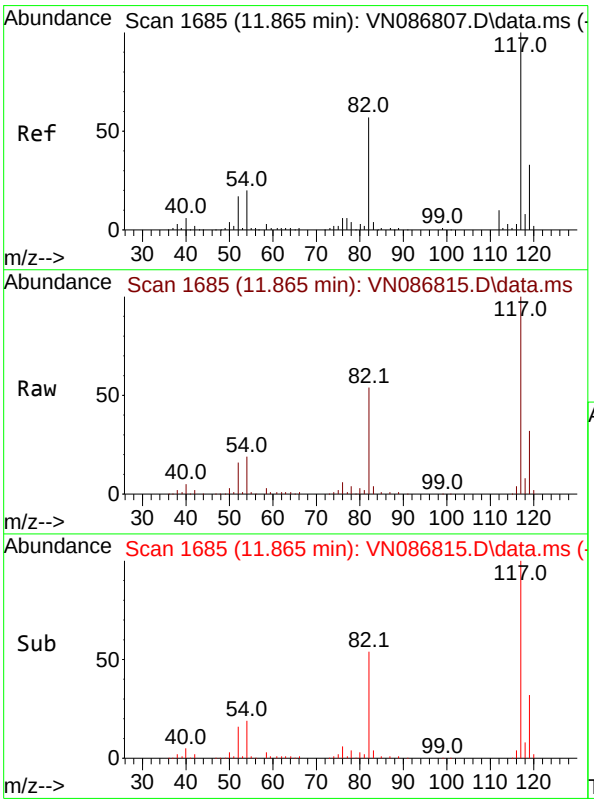
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Tgt Ion:114 Resp: 217678

Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.8	23.8
88	15.8	12.9	19.3

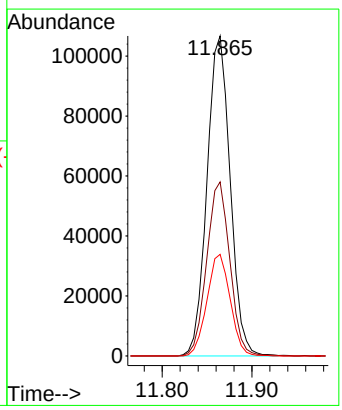


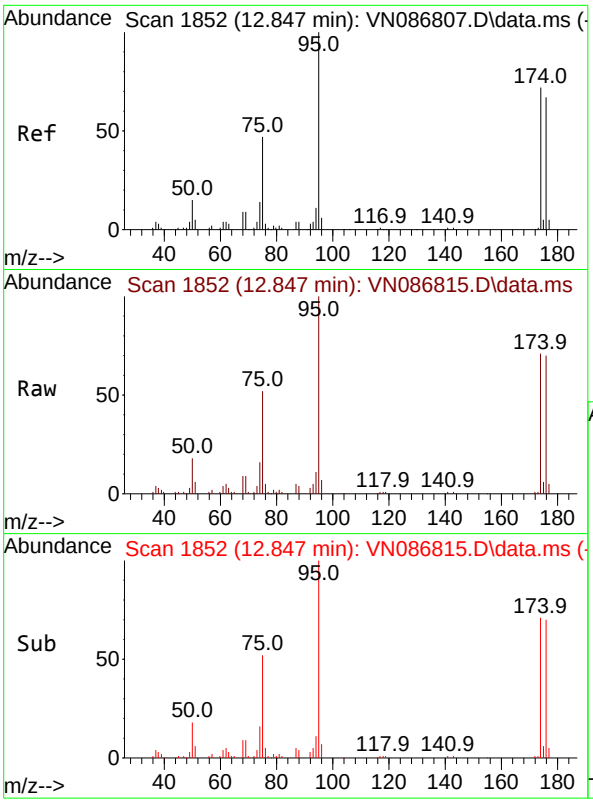


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Tgt Ion:117 Resp: 191557

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.7	67.1
119	31.9	25.6	38.4



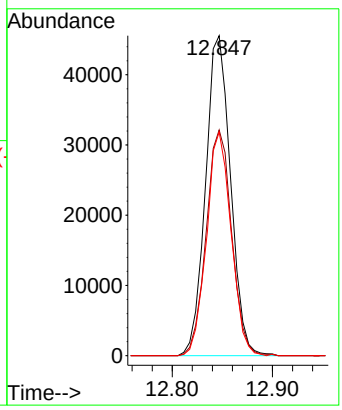


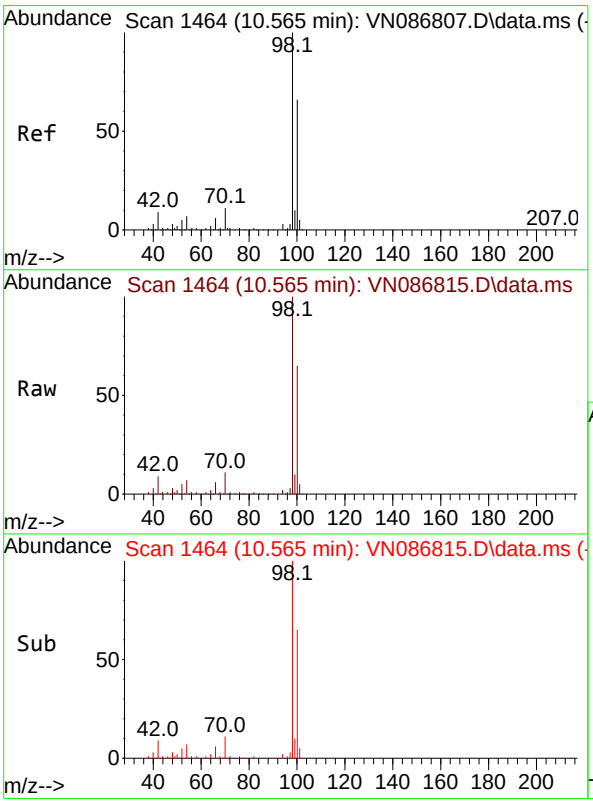
#60
4-Bromofluorobenzene
Concen: 26.281 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Tgt Ion: 95 Resp: 79039

Ion	Ratio	Lower	Upper
95	100		
174	71.9	56.2	84.4
176	68.5	53.4	80.0

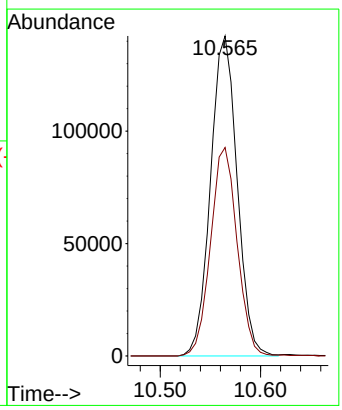




#63
Toluene-d8
Concen: 29.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Tgt Ion: 98 Resp: 262130

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1



Raw Data: **VN086813.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.		Date Collected:		
Project:	Quarterly		Date Received:		
Client Sample ID:	VN0529WBS01		SDG No.:	Q2098	
Lab Sample ID:	VN0529WBS01		Matrix:	Water	
Analytical Method:	E624.1		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086813.D	1		05/29/25 14:04	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	19.2		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	18.9		1.00	5.00	ug/L
67-64-1	Acetone	110		4.60	25.0	ug/L
75-09-2	Methylene Chloride	19.1		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	19.0		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.6		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	29.9		91 - 112	100%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.0		63 - 112	100%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	39600	7.812			
540-36-3	1,4-Difluorobenzene	223000	9.1			
3114-55-4	Chlorobenzene-d5	201000	11.865			

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\VN052925\
Data File : VN086813.D
Acq On : 29 May 2025 14:04
Operator : JC\MD
Sample : VN0529WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 30 02:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	39621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	200810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80659	29.630	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.767%			
60) 4-Bromofluorobenzene	12.847	95	94574	29.997	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.000%			
63) Toluene-d8	10.565	98	275908	29.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	52820	19.629	ug/l	97
3) Chloromethane	2.359	50	66918	19.287	ug/l	97
4) Vinyl Chloride	2.512	62	61071	19.127	ug/l	98
5) Bromomethane	2.965	94	33067	19.546	ug/l	90
6) Chloroethane	3.124	64	37350	19.125	ug/l	100
7) Trichlorofluoromethane	3.500	101	70855	18.947	ug/l	96
8) Diethyl Ether	3.959	74	29626	18.992	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	43862	19.138	ug/l	98
10) 1,1-Dichloroethene	4.342	96	44996	19.257	ug/l	96
11) Methyl Iodide	4.589	142	52135	18.928	ug/l	99
12) Methyl Acetate	5.024	43	45851	17.670	ug/l	99
13) Acrolein	4.177	56	22987	85.750	ug/l	98
14) Acrylonitrile	5.718	53	109616	90.775	ug/l	99
15) Acetone	4.424	58	34212	111.897	ug/l	81
16) Carbon Disulfide	4.712	76	130009	19.061	ug/l	100
17) Allyl chloride	5.018	41	66118m	19.047	ug/l	
18) Methylene Chloride	5.277	84	51710	19.056	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	47474	19.415	ug/l	96
20) Diisopropyl ether	6.665	45	148454	19.418	ug/l	99
21) 1,1-Dichloroethane	6.571	63	86281	18.701	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	55900	18.877	ug/l	99
23) tert-Butyl Alcohol	5.512	59	36492	94.105	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	147656	19.174	ug/l	98
25) Chloroform	7.965	83	85345	18.899	ug/l	98
26) Cyclohexane	8.253	56	75403	18.883	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	63898	19.448	ug/l	99
30) 2-Butanone	7.483	43	140193	97.384	ug/l	98
31) 2,2-Dichloropropane	7.483	77	75546	19.479	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	73176	19.213	ug/l	98
33) Carbon Tetrachloride	8.359	117	62257	19.122	ug/l	95
34) Benzene	8.606	78	202715	18.962	ug/l	99
35) Methacrylonitrile	7.771	41	29593	17.895	ug/l	98
36) 1,2-Dichloroethane	8.671	62	60257	19.235	ug/l	99
37) Trichloroethene	9.347	130	54382	18.339	ug/l	98
38) Methylcyclohexane	9.600	83	71507	19.615	ug/l	99
39) 1,2-Dichloropropane	9.618	63	48606	18.885	ug/l	99
40) Dibromomethane	9.706	93	32726	19.441	ug/l	98
41) Bromodichloromethane	9.882	83	67026	19.022	ug/l	98
42) Vinyl Acetate	6.600	43	447425	106.624	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086813.D
Acq On : 29 May 2025 14:04
Operator : JC\MD
Sample : VN0529WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 30 02:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	56619m	19.221	ug/l	
44) Isopropyl Acetate	8.682	43	95370	18.873	ug/l	99
45) 1,4-Dioxane	9.688	88	17222	383.443	ug/l	94
46) Methyl methacrylate	9.677	41	43790	18.794	ug/l	98
47) n-amyl Acetate	12.488	43	76966	18.972	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	72529	19.235	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	79851	19.253	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	46134	19.459	ug/l	95
51) Ethyl methacrylate	10.871	69	72187	18.800	ug/l	94
52) 1,3-Dichloropropane	11.159	76	79252	18.836	ug/l	99
53) Dibromochloromethane	11.353	129	49697	18.549	ug/l	100
54) 1,2-Dibromoethane	11.465	107	45658	18.840	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	176024	95.504	ug/l	100
56) Bromoform	12.576	173	31845	18.865	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	278301	94.450	ug/l	99
59) 2-Hexanone	11.194	43	202745	96.059	ug/l	100
61) Tetrachloroethene	11.100	164	62346	18.470	ug/l	96
62) Toluene	10.629	91	218581	19.327	ug/l	100
64) Chlorobenzene	11.888	112	138241	19.167	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	45867	19.357	ug/l	97
66) Ethyl Benzene	11.959	91	236314	19.318	ug/l	97
67) m/p-Xylenes	12.065	106	185632	38.671	ug/l	98
68) o-Xylene	12.394	106	90311	19.413	ug/l	99
69) Styrene	12.406	104	149839	19.332	ug/l	100
70) Isopropylbenzene	12.694	105	218406	19.739	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52864	20.095	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	58756m	19.057	ug/l	
73) Bromobenzene	12.976	156	51978	18.900	ug/l	96
74) n-propylbenzene	13.029	91	253729	19.359	ug/l	100
75) 2-Chlorotoluene	13.123	91	162356	19.300	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	177756	19.311	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22831	18.095	ug/l	90
78) 4-Chlorotoluene	13.217	91	162258	19.472	ug/l	99
79) tert-butylbenzene	13.435	119	154267	19.384	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	180132	19.496	ug/l	99
81) sec-Butylbenzene	13.612	105	208939	19.271	ug/l	99
82) p-Isopropyltoluene	13.723	119	176104	19.344	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	97275	19.280	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	95900	19.100	ug/l	99
85) n-Butylbenzene	14.053	91	146395	19.208	ug/l	99
86) Hexachloroethane	14.329	117	28052	18.079	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	92656	19.038	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9832	17.748	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	39947	19.612	ug/l	95
90) Hexachlorobutadiene	15.494	225	17812	20.403	ug/l	95
91) Naphthalene	15.635	128	128330	18.058	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39947	19.612	ug/l	95

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

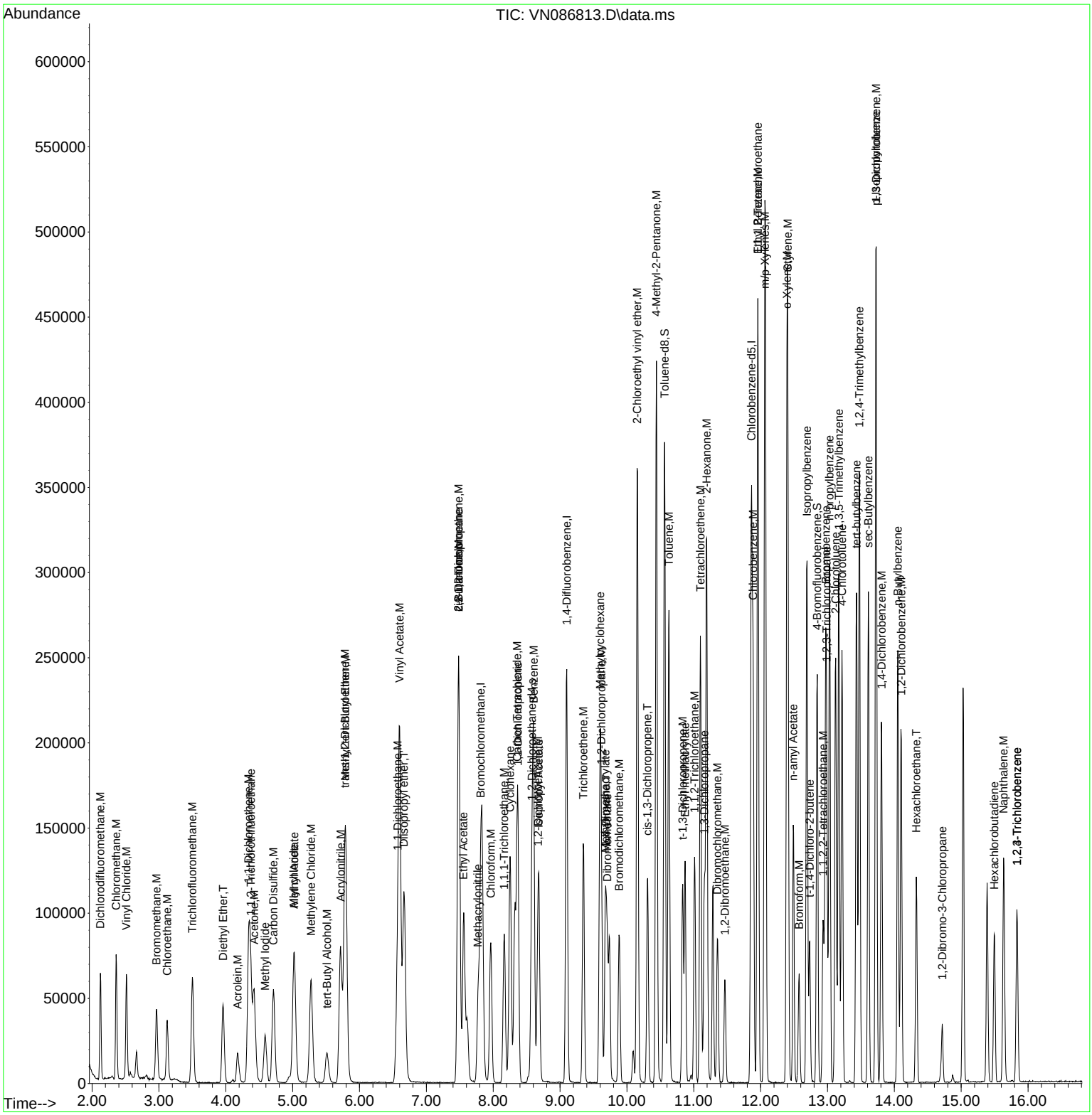
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086813.D
Acq On : 29 May 2025 14:04
Operator : JC\MD
Sample : VN0529WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

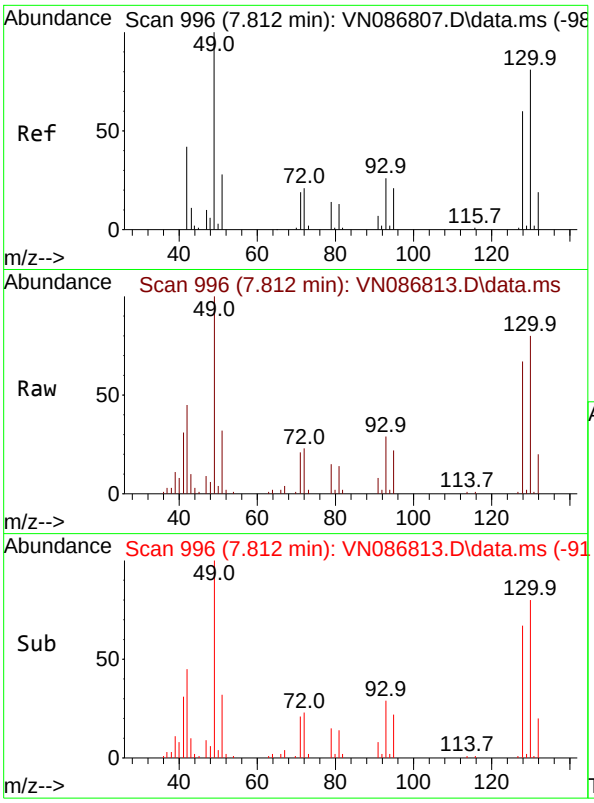
Quant Time: May 30 02:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

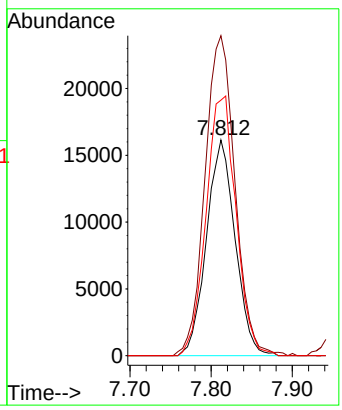




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:128 Resp: 3962

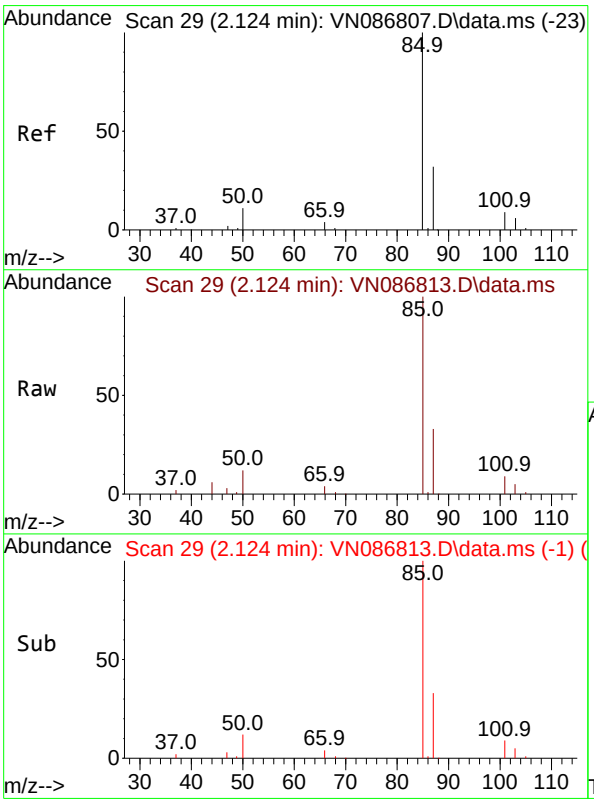
Ion	Ratio	Lower	Upper
128	100		
49	154.9	0.0	404.5
130	126.5	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

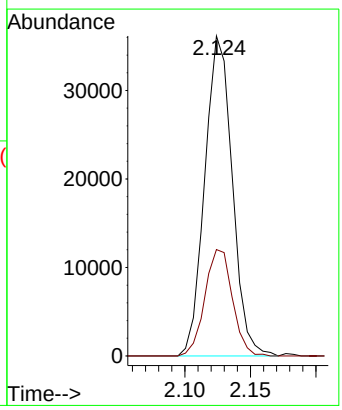
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

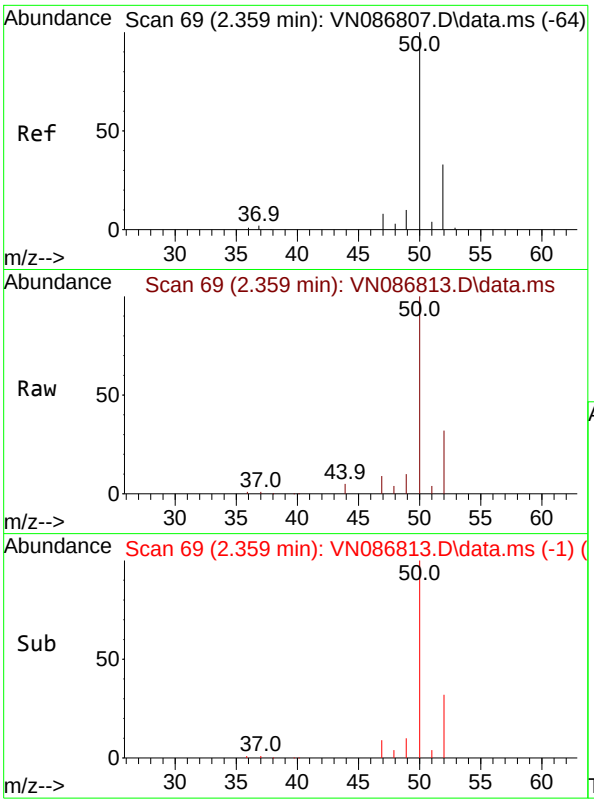


#2
Dichlorodifluoromethane
Concen: 19.629 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 85 Resp: 52820

Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.9	47.7

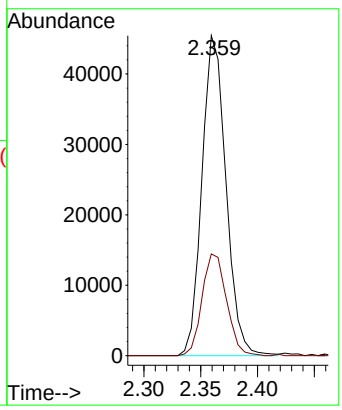




#3
Chloromethane
Concen: 19.287 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 50 Resp: 6691

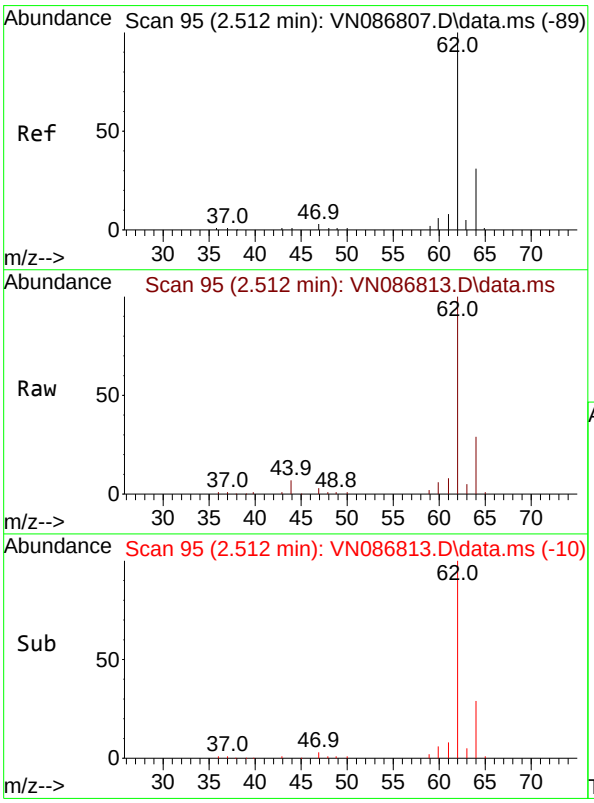
Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

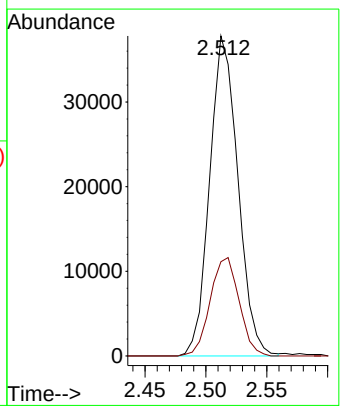
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

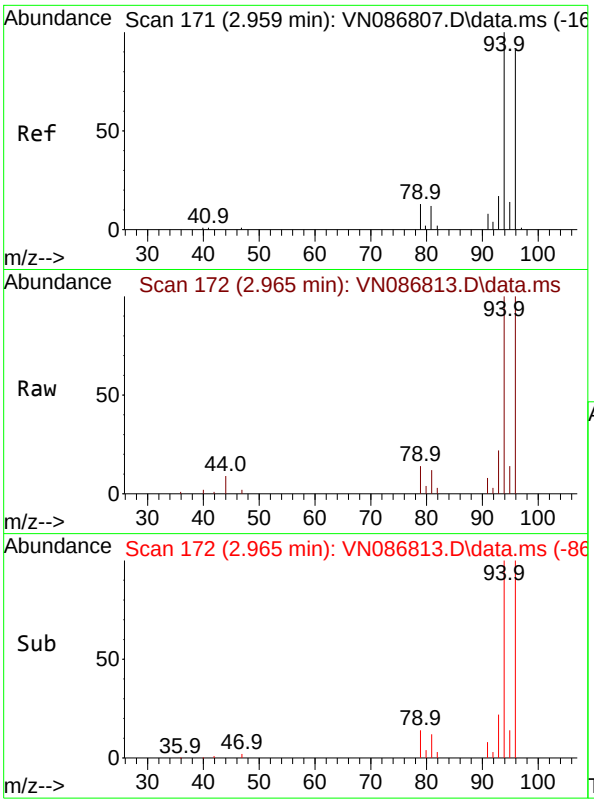


#4
Vinyl Chloride
Concen: 19.127 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 62 Resp: 61071

Ion	Ratio	Lower	Upper
62	100		
64	29.5	24.6	36.8

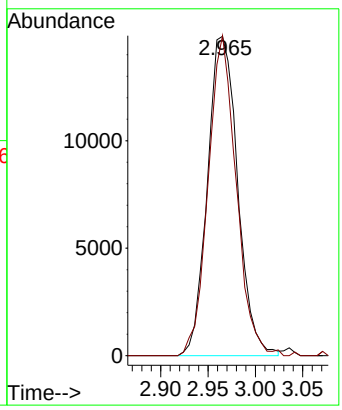




#5
Bromomethane
Concen: 19.546 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 94 Resp: 3306

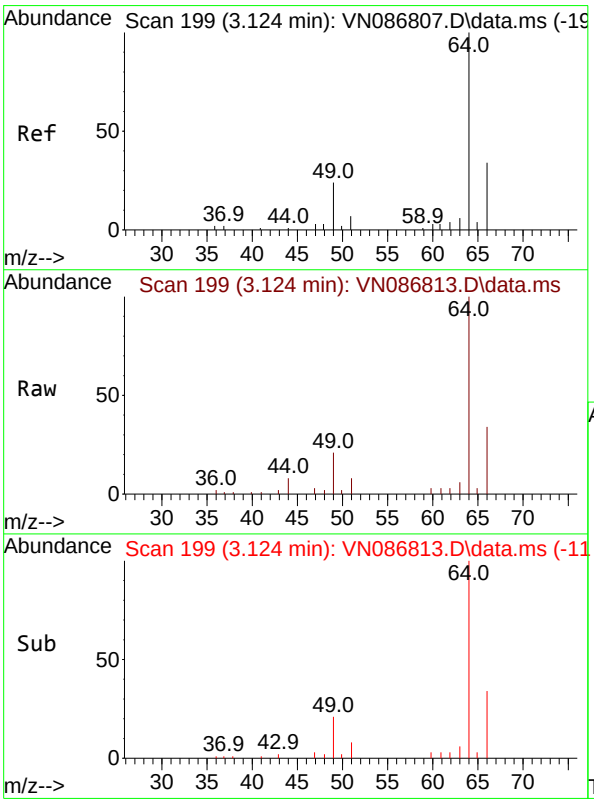
Ion	Ratio	Lower	Upper
94	100		
96	100.2	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

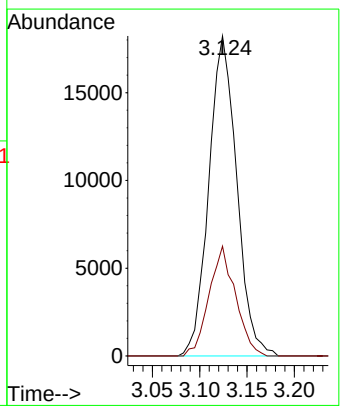
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

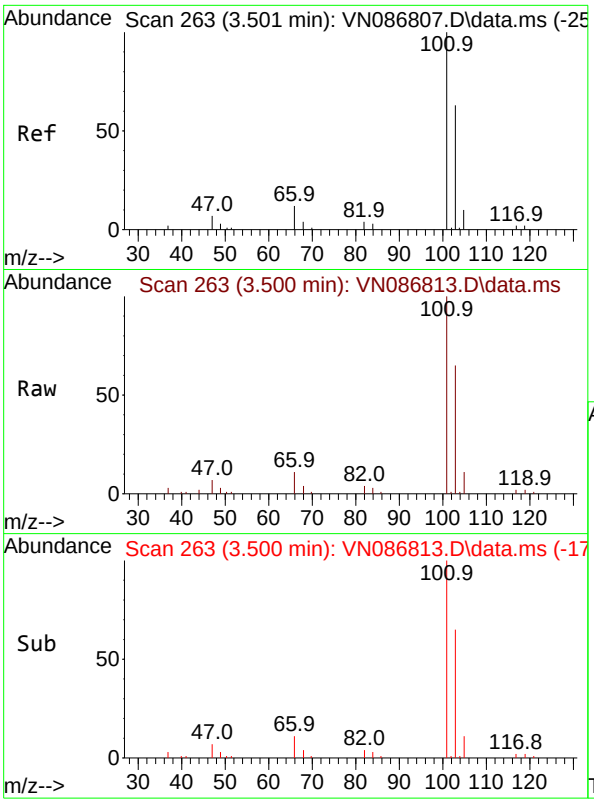


#6
Chloroethane
Concen: 19.125 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 64 Resp: 37350

Ion	Ratio	Lower	Upper
64	100		
66	34.3	27.5	41.3

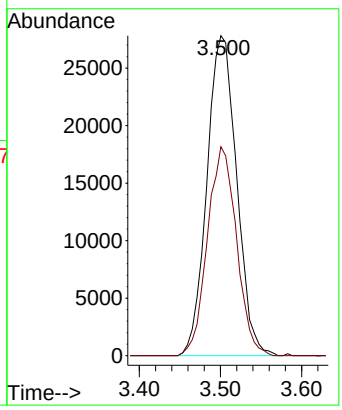




#7
Trichlorofluoromethane
Concen: 18.947 ug/l
RT: 3.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:101 Resp: 7085

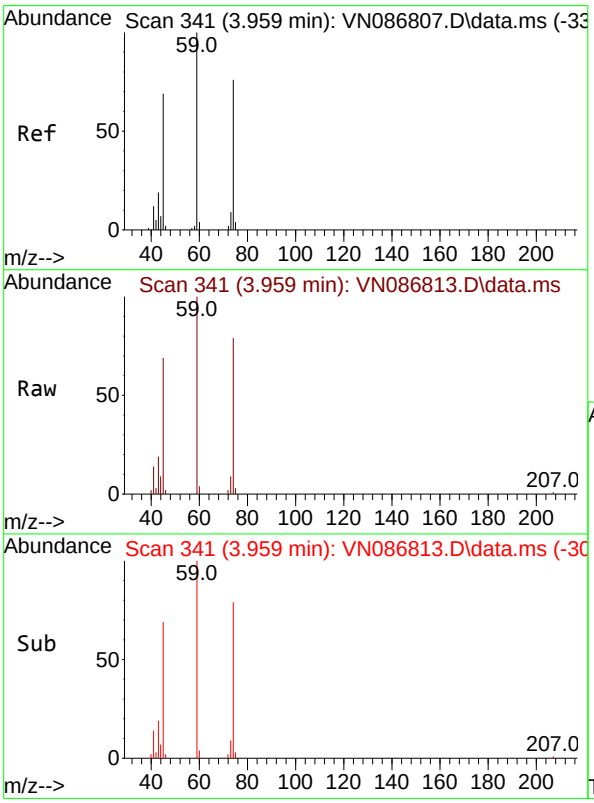
Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.0	75.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

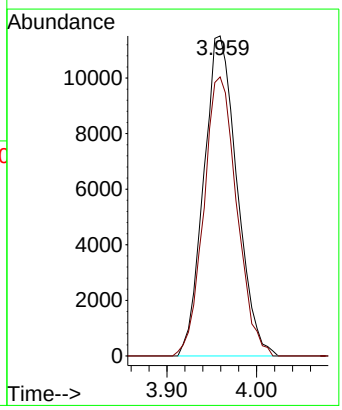
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

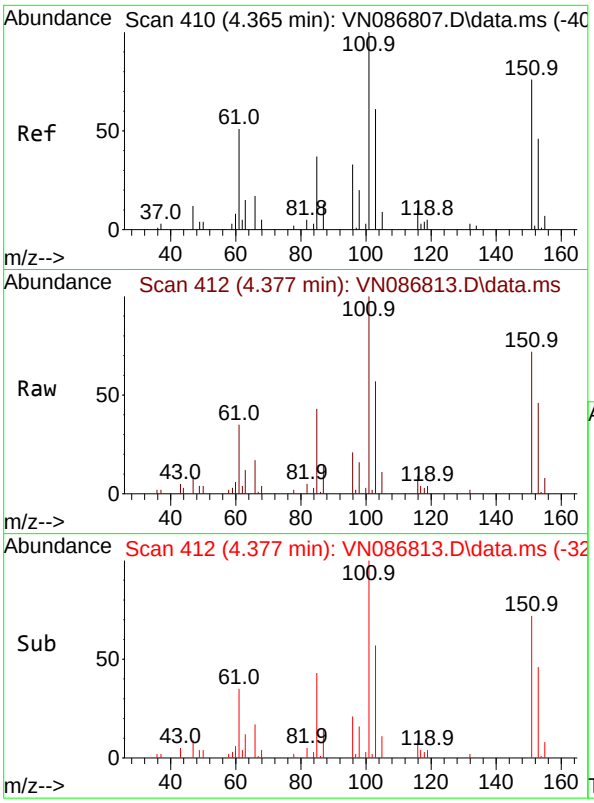


#8
Diethyl Ether
Concen: 18.992 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 74 Resp: 29626

Ion	Ratio	Lower	Upper
74	100		
45	86.4	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.138 ug/l
RT: 4.377 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

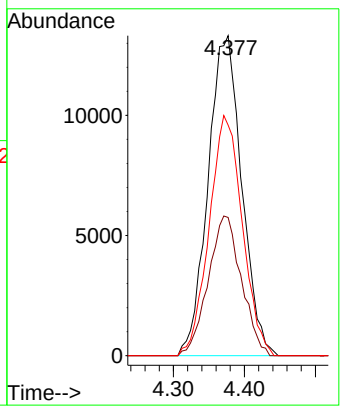
Tgt Ion:101 Resp: 4386

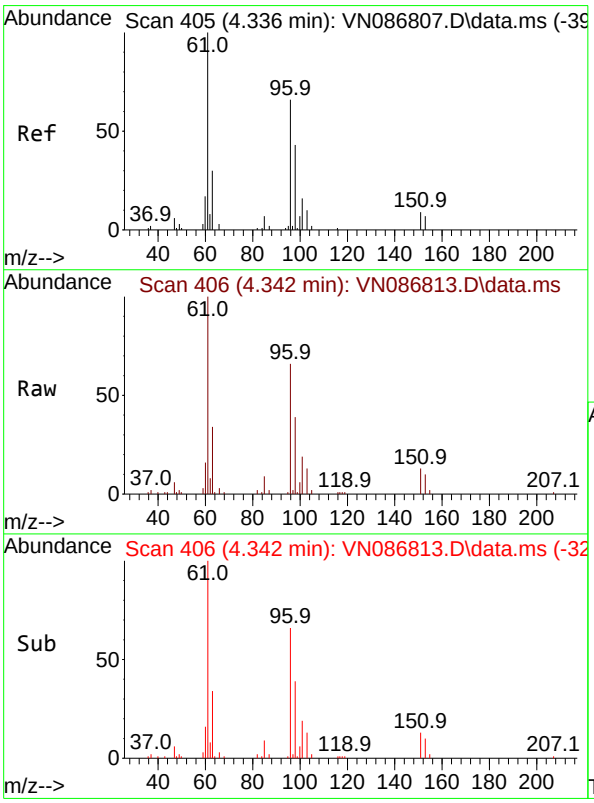
Ion	Ratio	Lower	Upper
101	100		
85	43.0	0.0	83.2
151	73.9	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

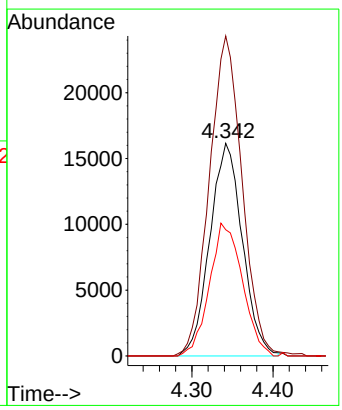


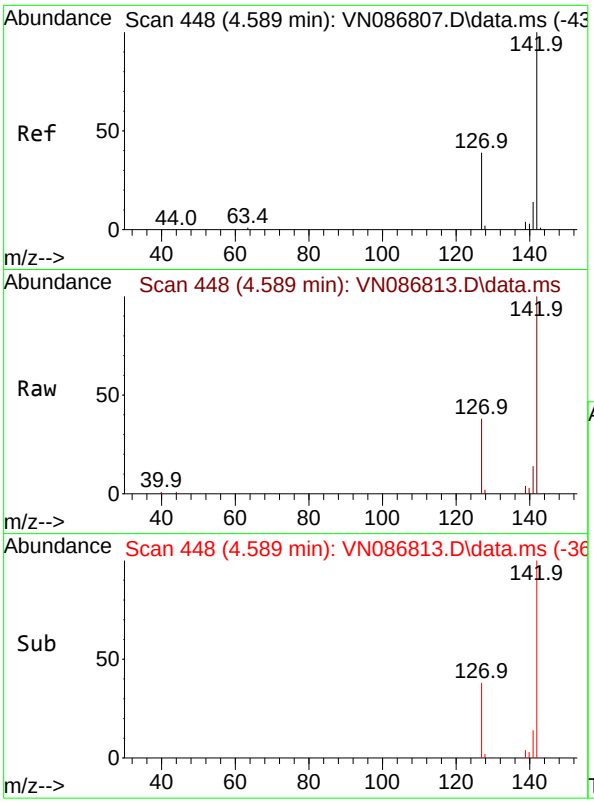


#10
1,1-Dichloroethene
Concen: 19.257 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 96 Resp: 44996

Ion	Ratio	Lower	Upper
96	100		
61	149.4	121.7	182.5
98	59.4	51.9	77.9

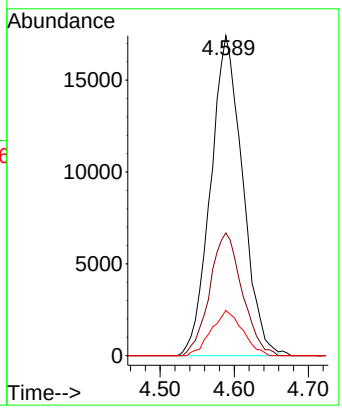




#11
Methyl Iodide
Concen: 18.928 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:142 Resp: 5213

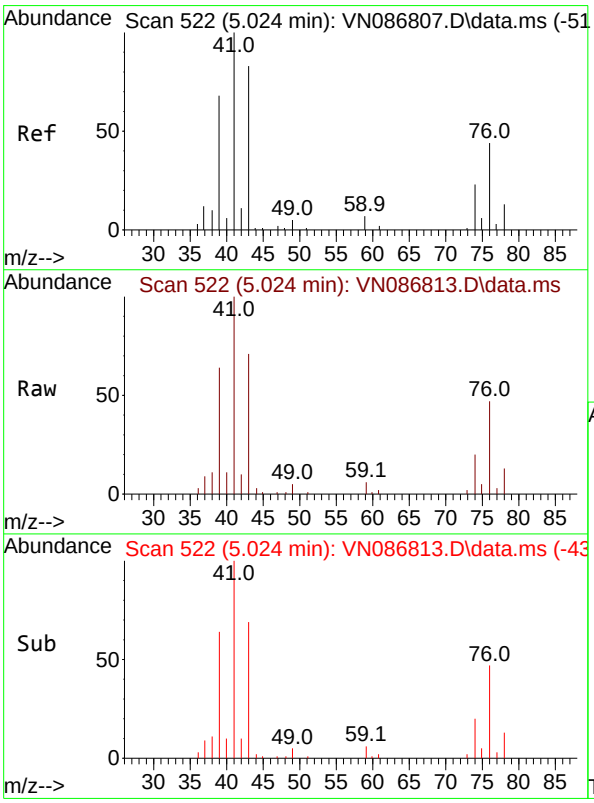
Ion	Ratio	Lower	Upper
142	100		
127	38.6	19.5	58.5
141	14.2	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

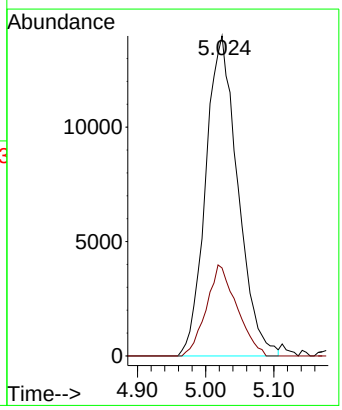
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

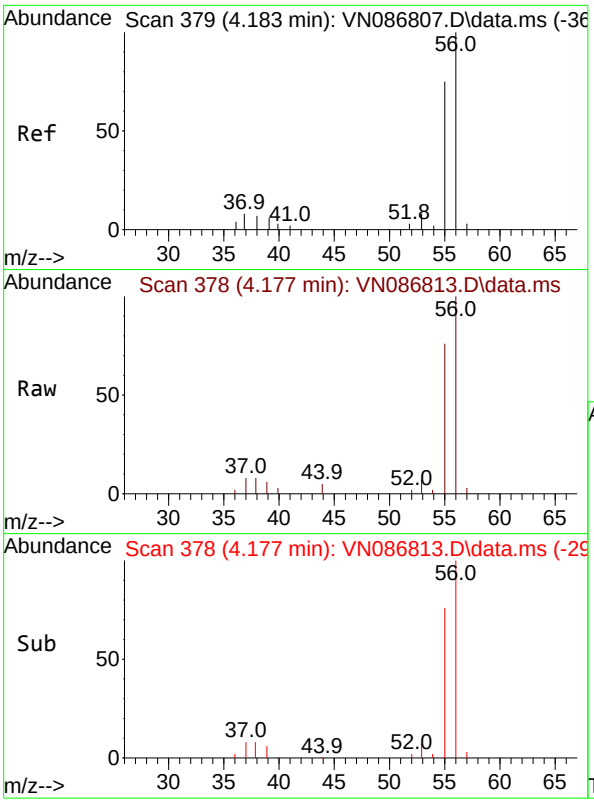


#12
Methyl Acetate
Concen: 17.670 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 45851

Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.7	34.1

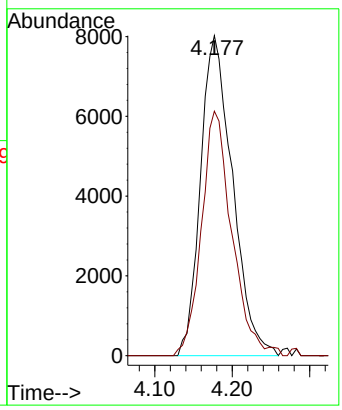




#13
Acrolein
Concen: 85.750 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 56 Resp: 2298

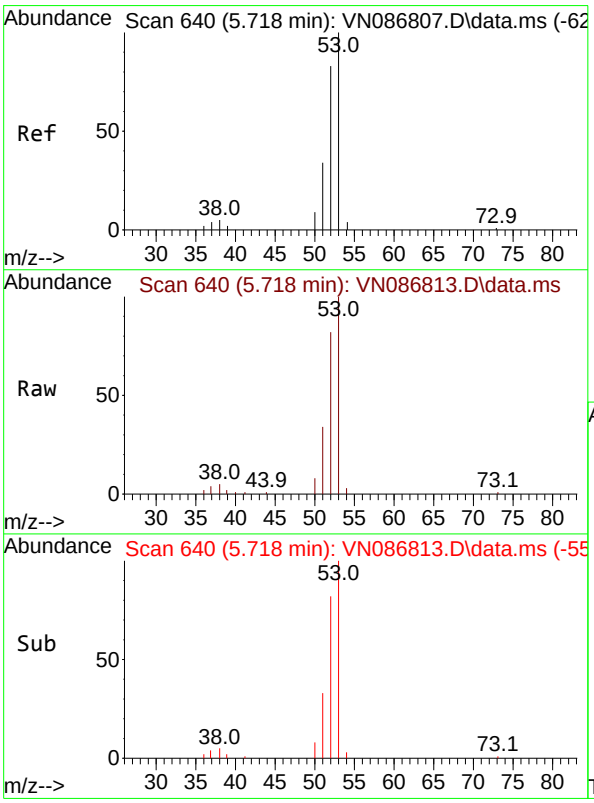
Ion	Ratio	Lower	Upper
56	100		
55	71.7	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

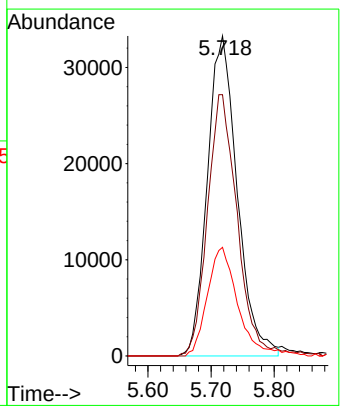
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

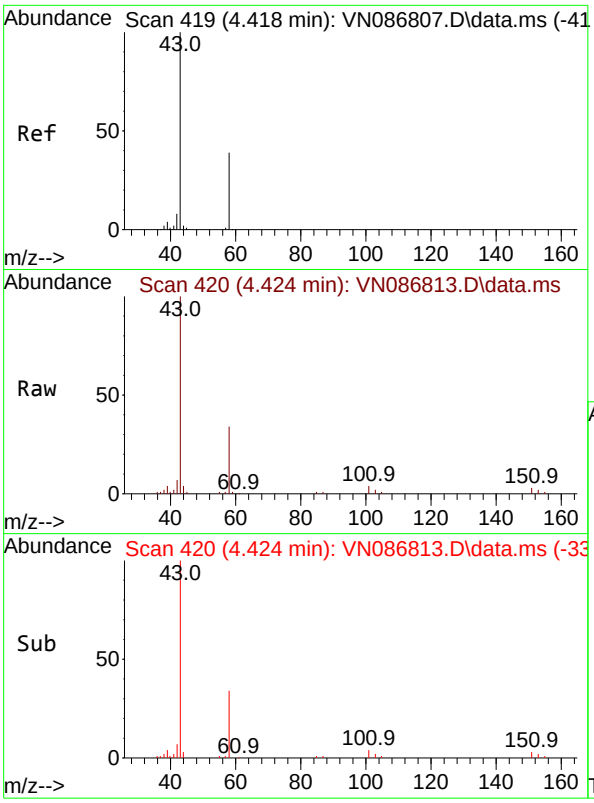


#14
Acrylonitrile
Concen: 90.775 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 53 Resp: 109616

Ion	Ratio	Lower	Upper
53	100		
52	79.9	40.0	119.9
51	34.2	17.5	52.6

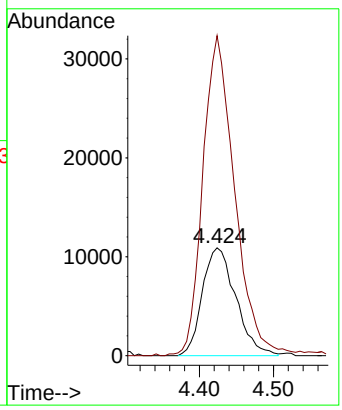




#15
Acetone
Concen: 111.897 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 58 Resp: 3421

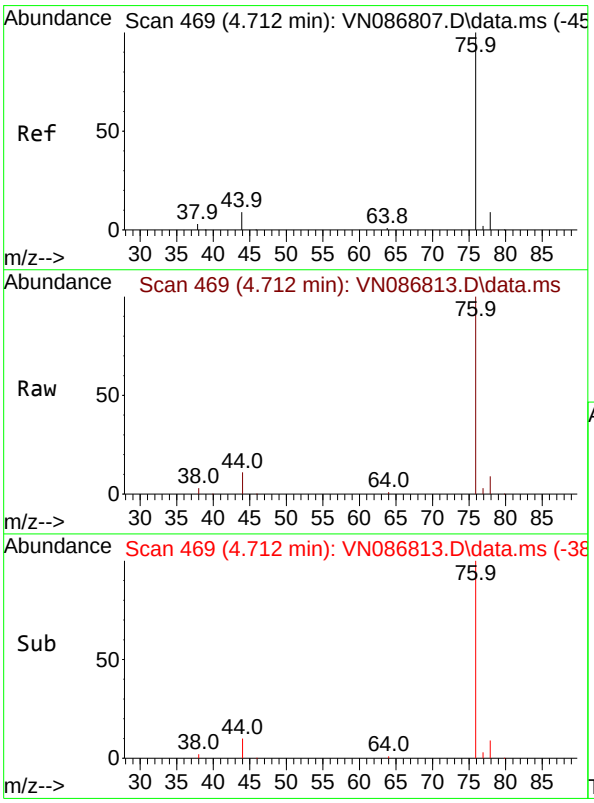
Ion	Ratio	Lower	Upper
58	100		
43	294.2	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

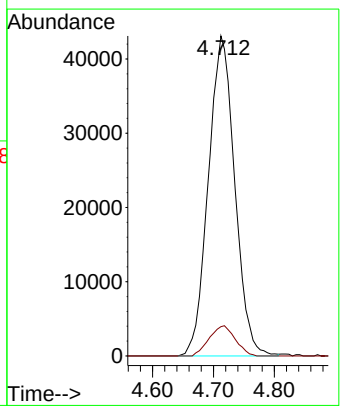
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

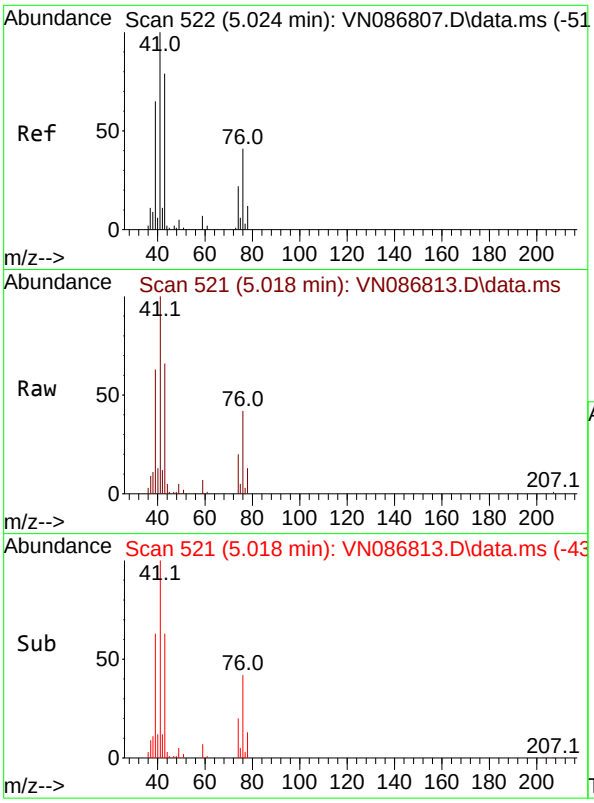


#16
Carbon Disulfide
Concen: 19.061 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 76 Resp: 130009

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

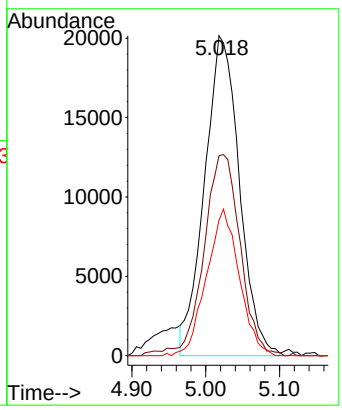




#17
Allyl chloride
Concen: 19.047 ug/l m
RT: 5.018 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 41 Resp: 6611

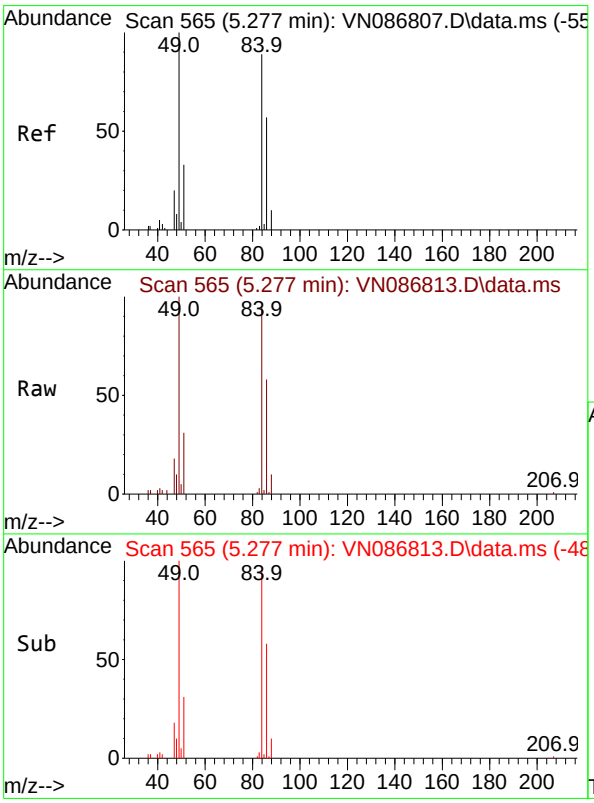
Ion	Ratio	Lower	Upper
41	100		
39	62.5	31.6	94.8
76	42.3	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

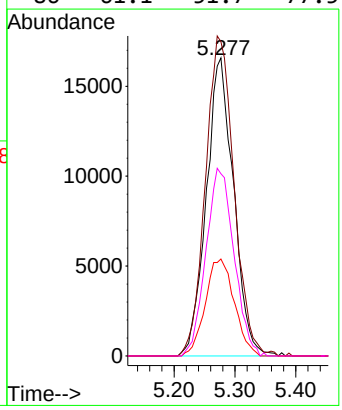
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

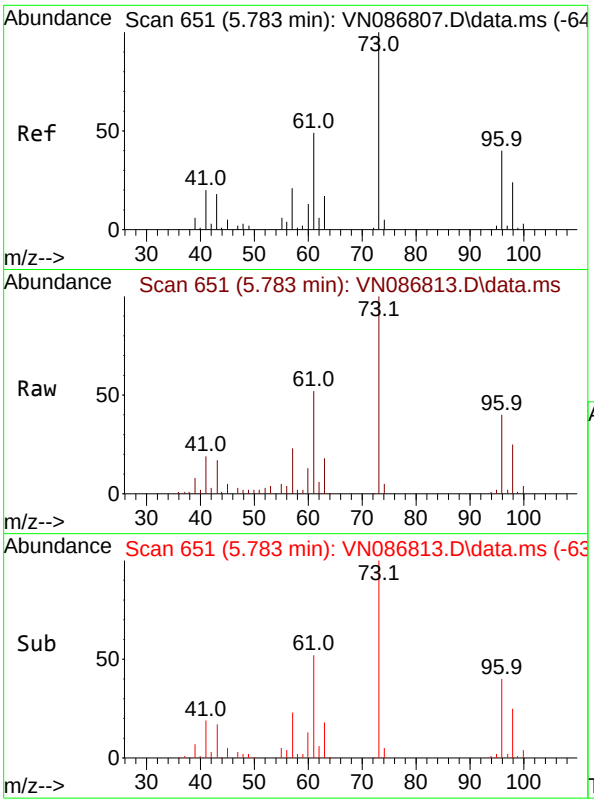


#18
Methylene Chloride
Concen: 19.056 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 84 Resp: 51710

Ion	Ratio	Lower	Upper
84	100		
49	105.4	89.9	134.9
51	32.5	29.6	44.4
86	61.1	51.7	77.5

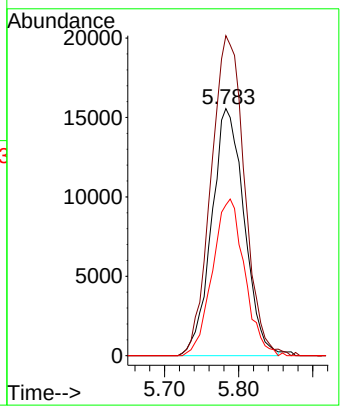




#19
trans-1,2-Dichloroethene
Concen: 19.415 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 96 Resp: 4747

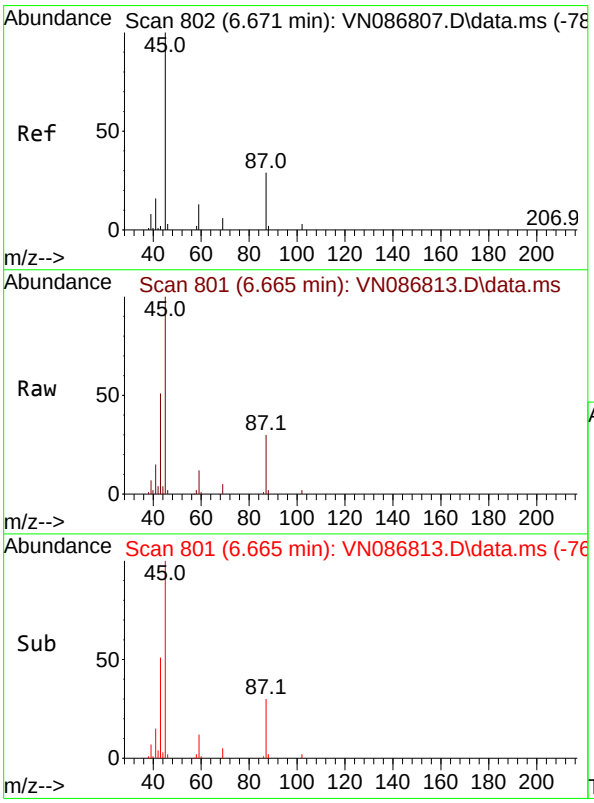
Ion	Ratio	Lower	Upper
96	100		
61	129.5	98.9	148.3
98	61.0	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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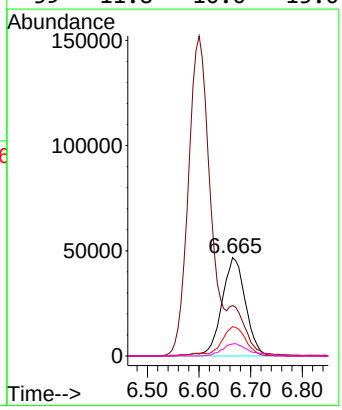
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

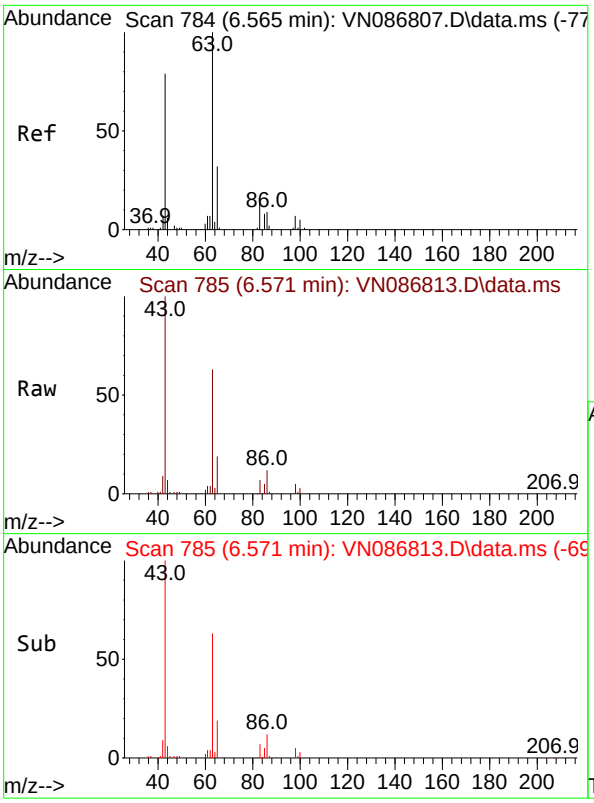


#20
Diisopropyl ether
Concen: 19.418 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 45 Resp: 148454

Ion	Ratio	Lower	Upper
45	100		
43	49.4	40.3	60.5
87	29.8	24.1	36.1
59	11.8	10.0	15.0

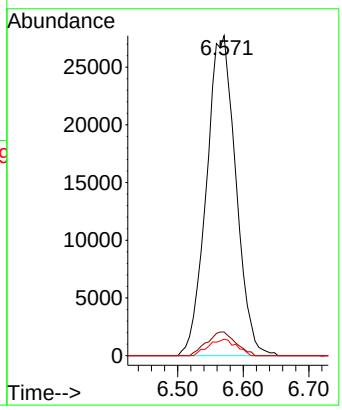




#21
1,1-Dichloroethane
Concen: 18.701 ug/l
RT: 6.571 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 63 Resp: 8628

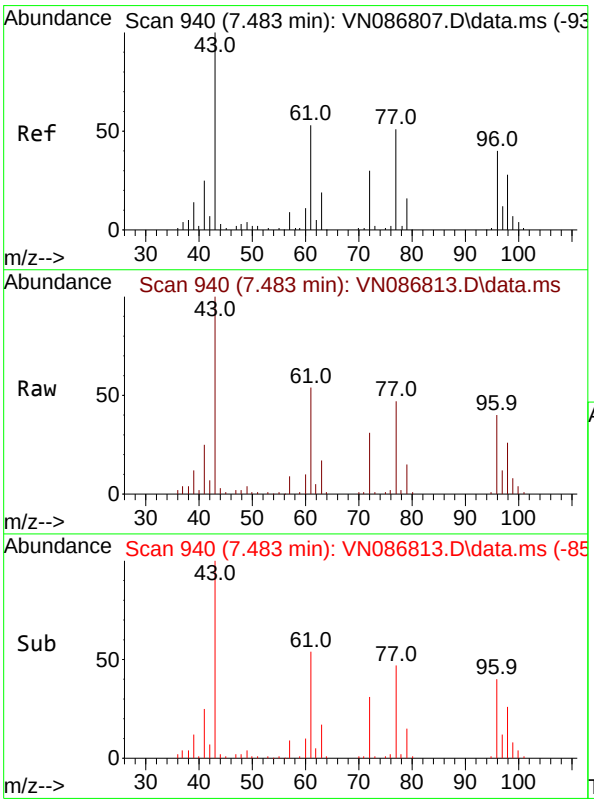
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	5.2	2.3	6.8



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

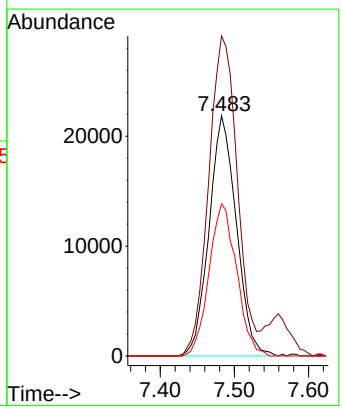
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

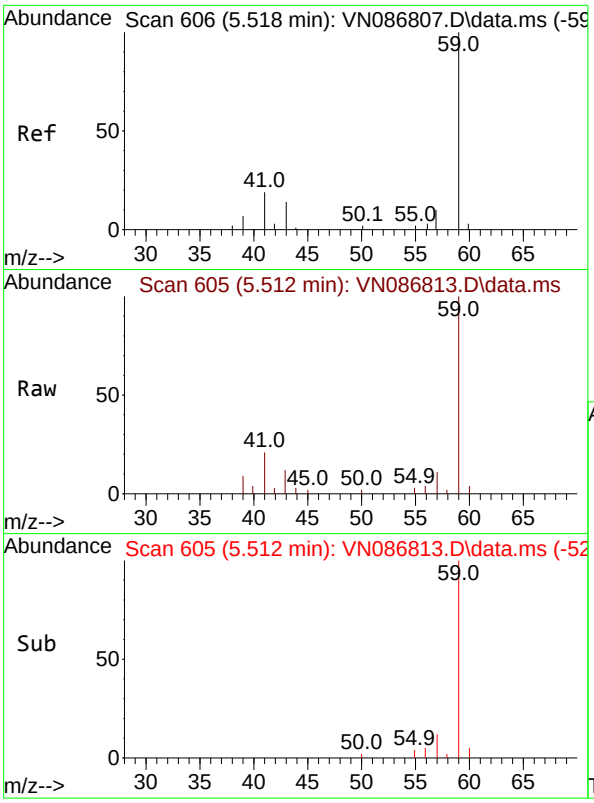


#22
cis-1,2-Dichloroethene
Concen: 18.877 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 96 Resp: 55900

Ion	Ratio	Lower	Upper
96	100		
61	139.6	110.7	166.1
98	64.0	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 94.105 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

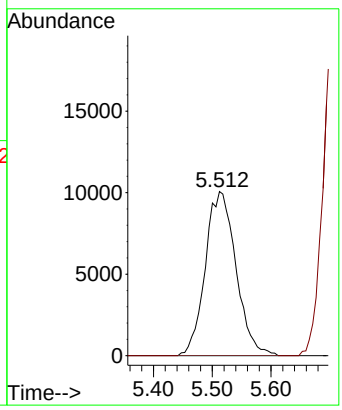
Tgt Ion: 59 Resp: 3649

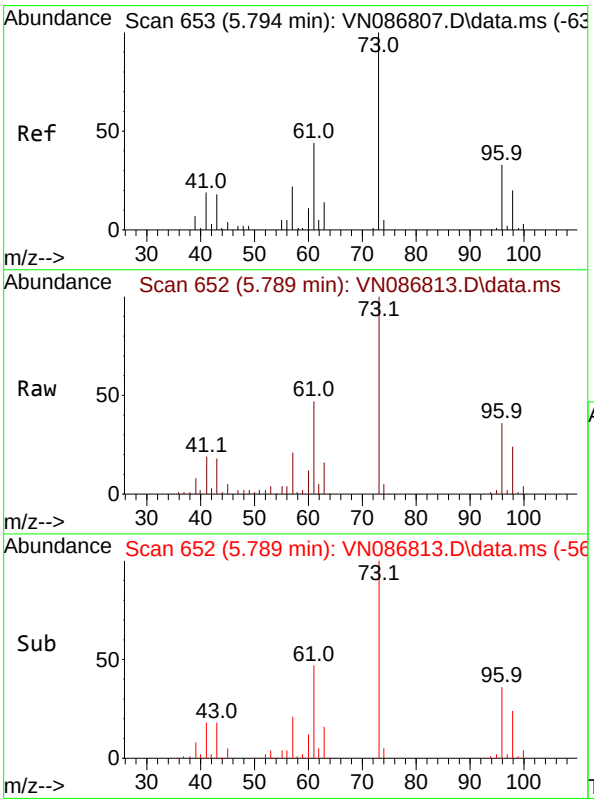
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

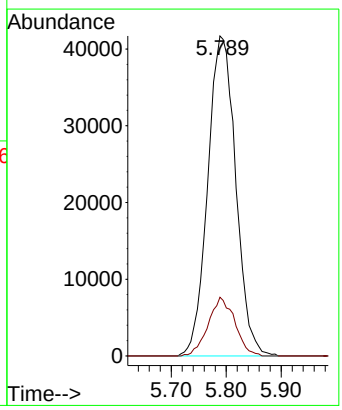


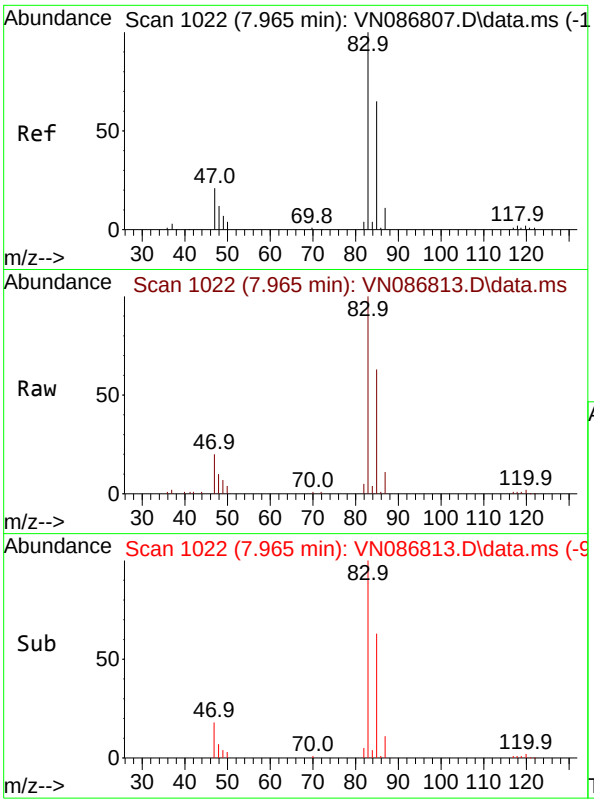


#24
Methyl tert-Butyl Ether
Concen: 19.174 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 73 Resp: 147656

Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.6	22.0

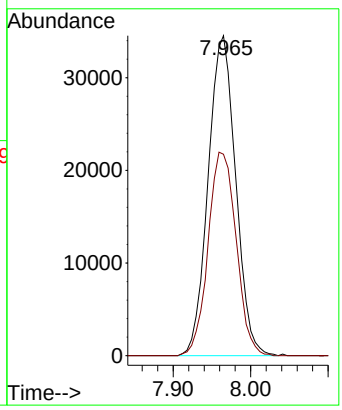




#25
Chloroform
Concen: 18.899 ug/l
RT: 7.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 83 Resp: 8534

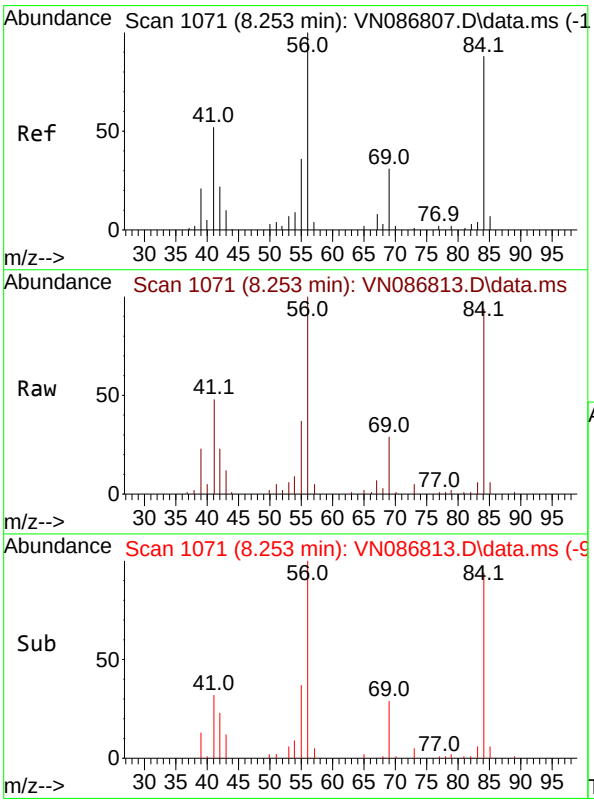
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.8



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

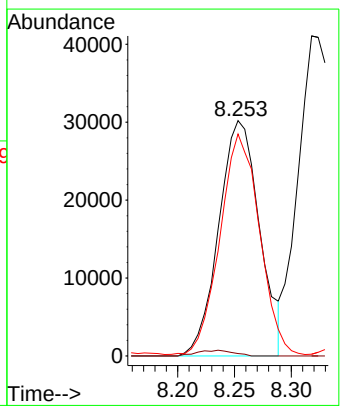
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

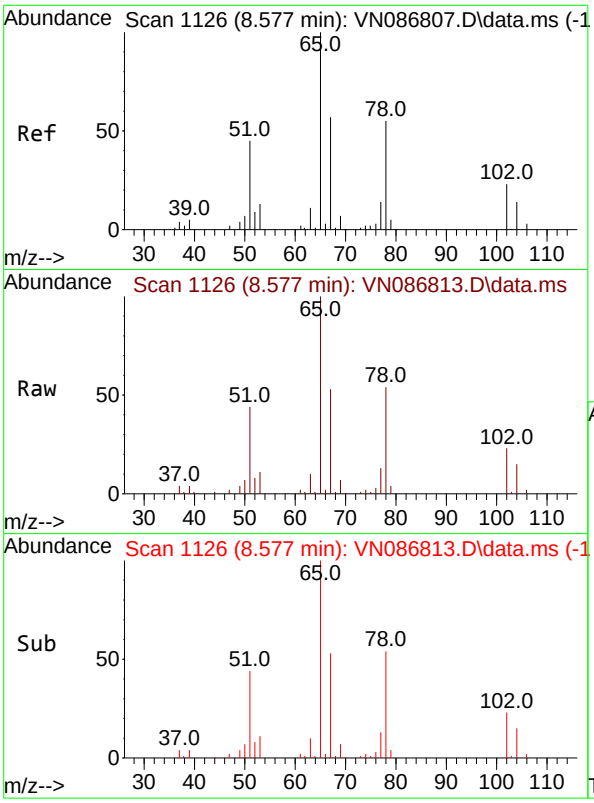


#26
Cyclohexane
Concen: 18.883 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 56 Resp: 75403

Ion	Ratio	Lower	Upper
56	100		
89	2.1	0.0	0.0#
84	91.7	70.4	105.6

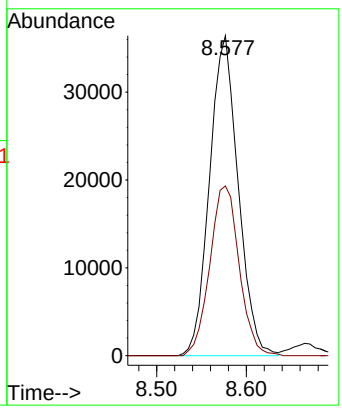




#27
1,2-Dichloroethane-d4
Concen: 29.630 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 65 Resp: 8065

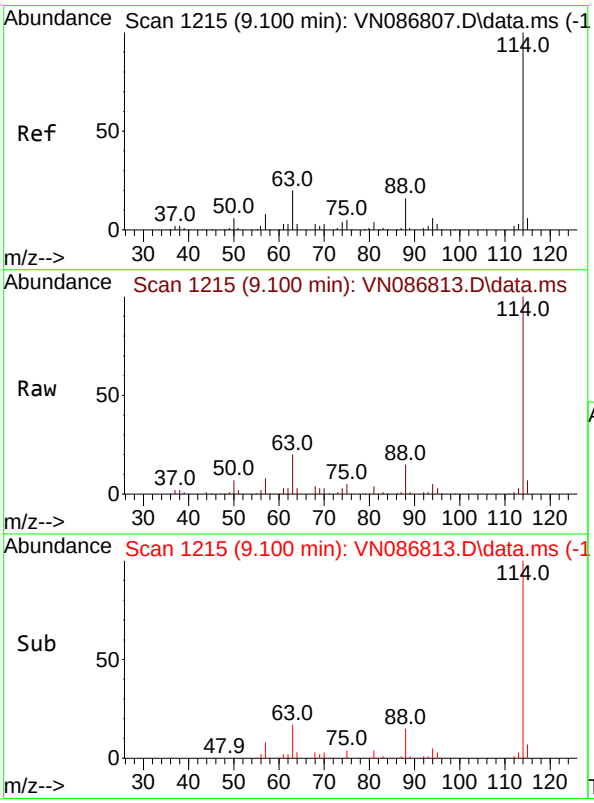
Ion	Ratio	Lower	Upper
65	100		
67	54.4	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

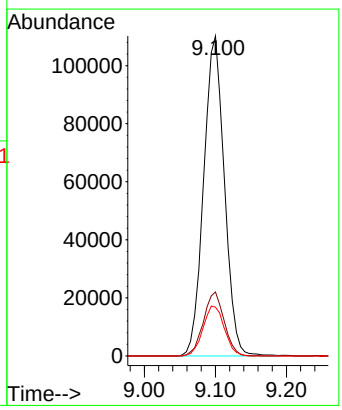
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

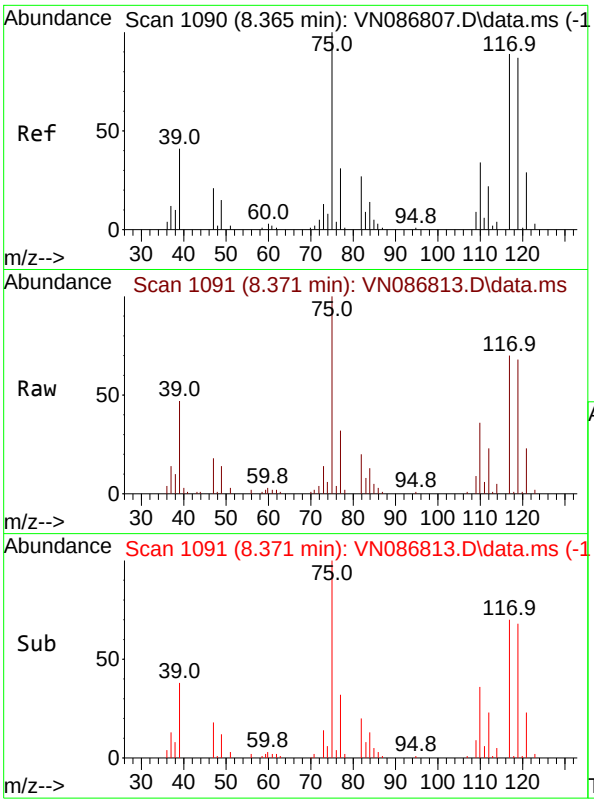


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:114 Resp: 223467

Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.8	23.8
88	16.1	12.9	19.3

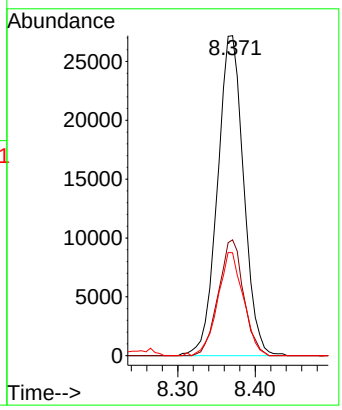




#29
1,1-Dichloropropene
Concen: 19.448 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 6389

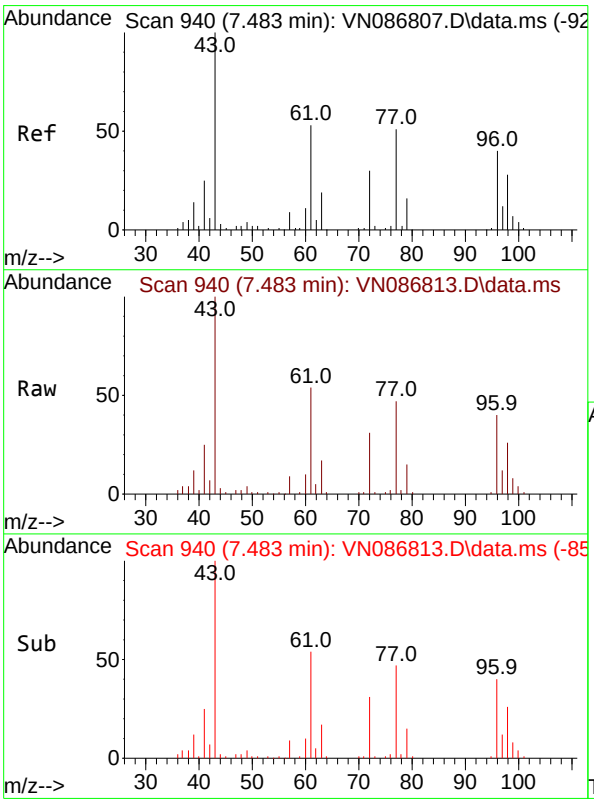
Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	71.0
77	31.6	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

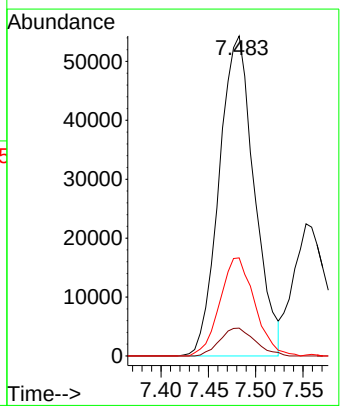
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

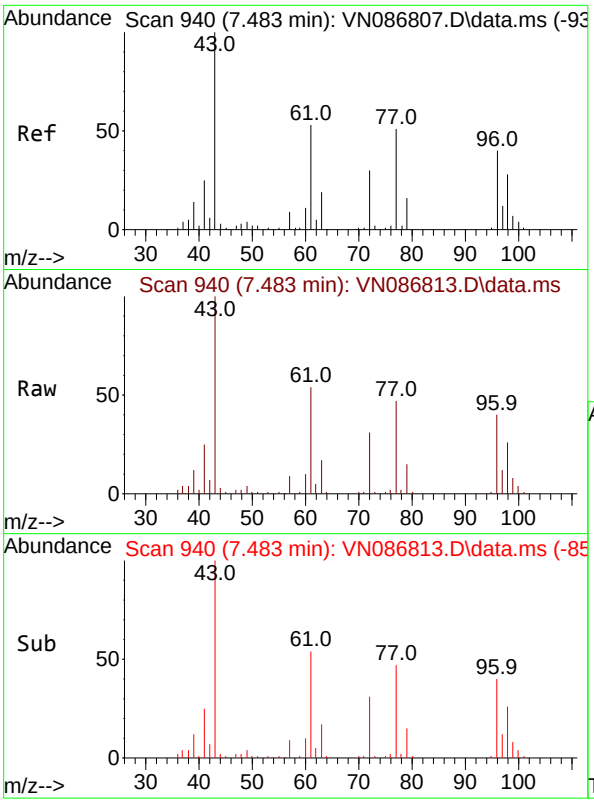


#30
2-Butanone
Concen: 97.384 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 140193

Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	30.5	23.4	35.0





#31
2,2-Dichloropropane
Concen: 19.479 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

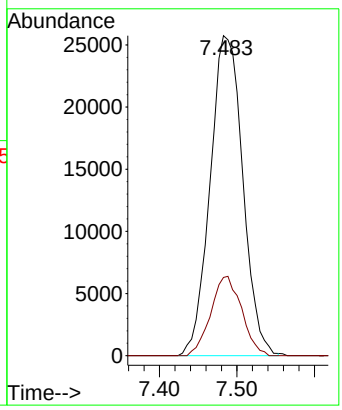
Tgt Ion: 77 Resp: 7554

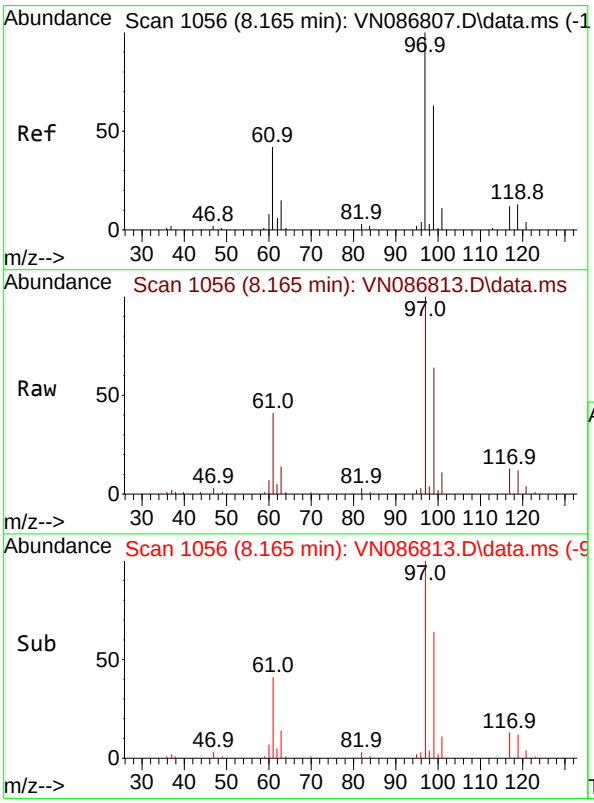
Ion	Ratio	Lower	Upper
77	100		
97	23.4	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

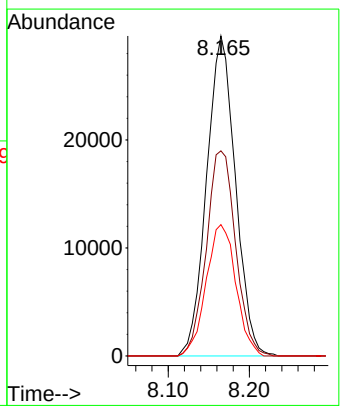


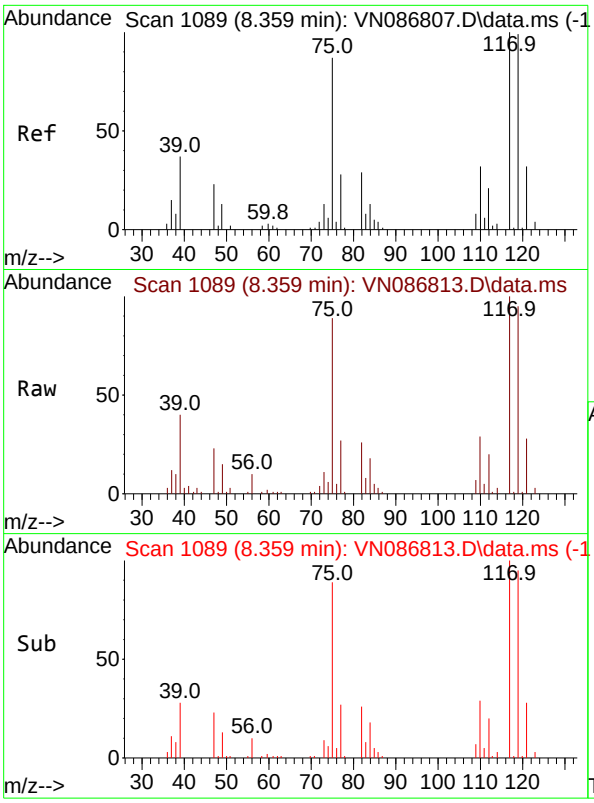


#32
1,1,1-Trichloroethane
Concen: 19.213 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 97 Resp: 73176

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	42.3	35.4	53.2

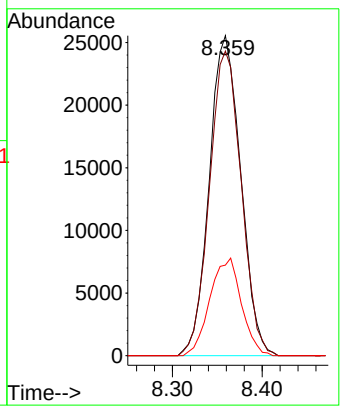




#33
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 8.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:117 Resp: 6225

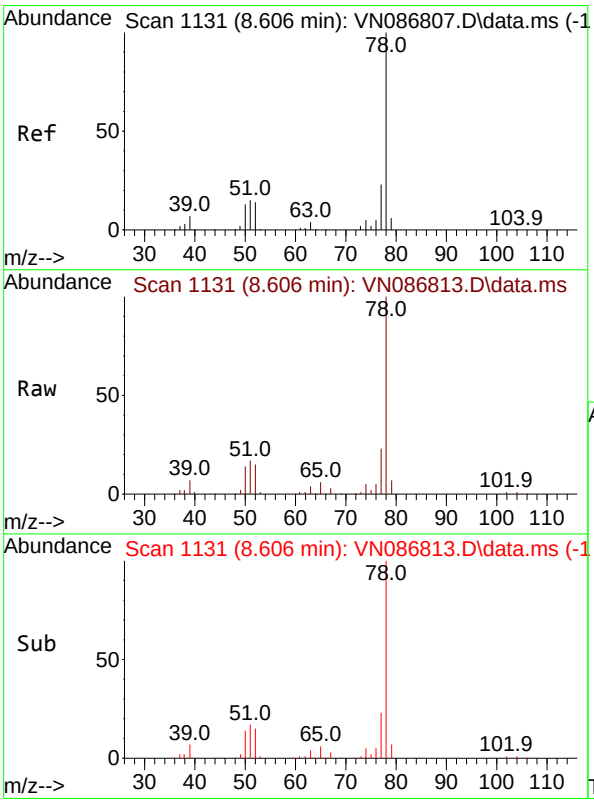
Ion	Ratio	Lower	Upper
117	100		
119	95.2	79.2	118.8
121	28.3	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

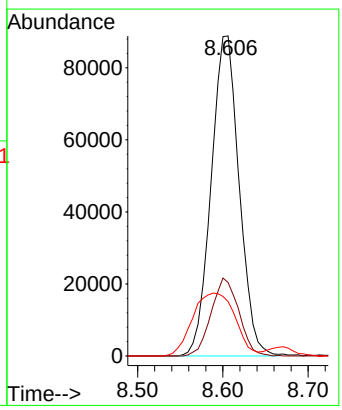
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

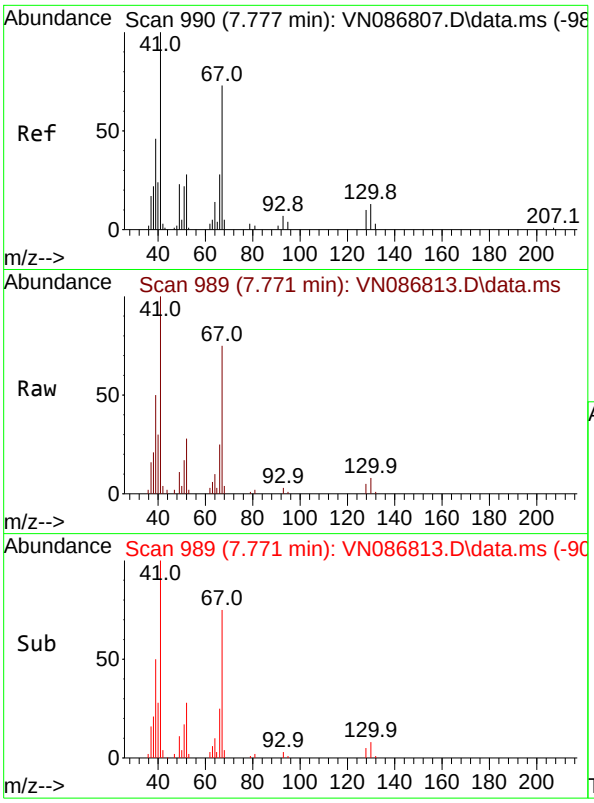


#34
Benzene
Concen: 18.962 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 78 Resp: 202715

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2
51	14.5	11.9	17.9

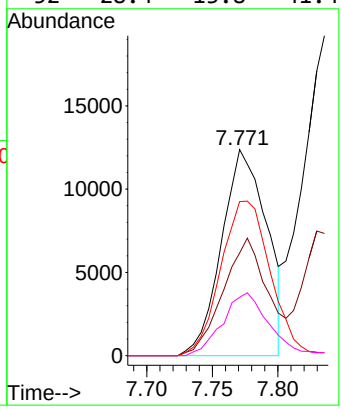




#35
Methacrylonitrile
Concen: 17.895 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 41 Resp: 2959

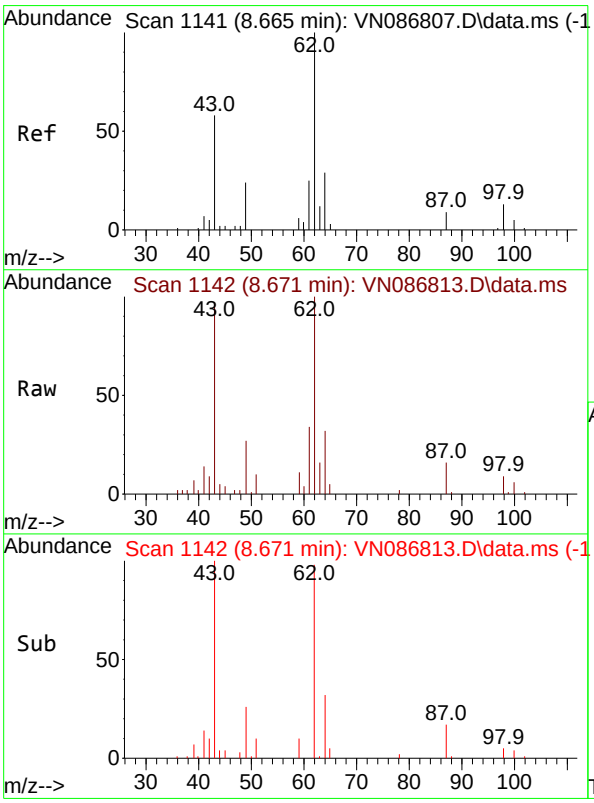
Ion	Ratio	Lower	Upper
41	100		
39	47.3	23.2	69.6
67	74.8	36.5	109.7
52	28.4	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

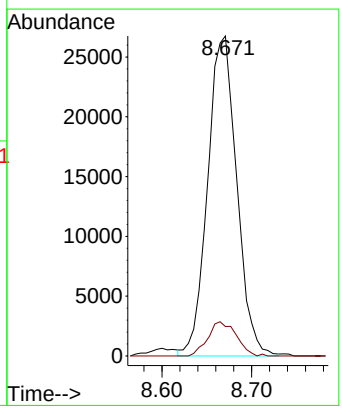
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

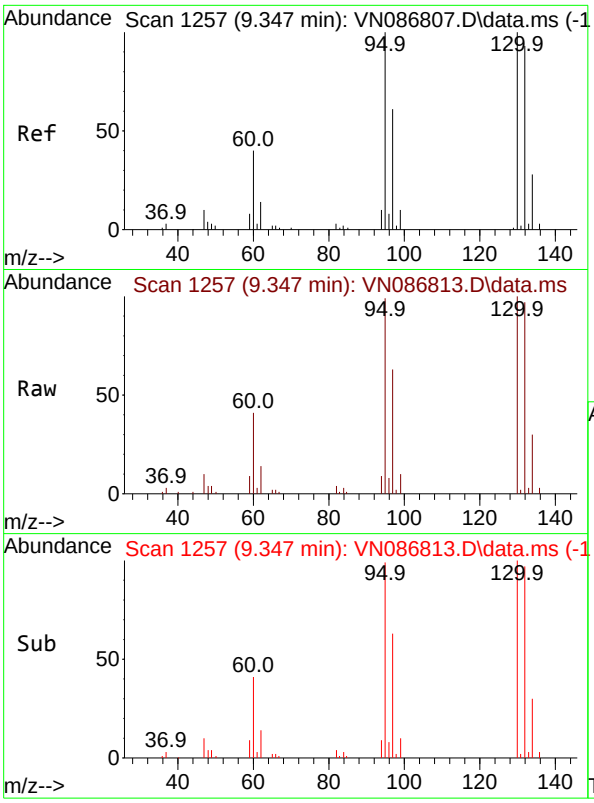


#36
1,2-Dichloroethane
Concen: 19.235 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 62 Resp: 60257

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.5	12.7





#37
Trichloroethene
Concen: 18.339 ug/l
RT: 9.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

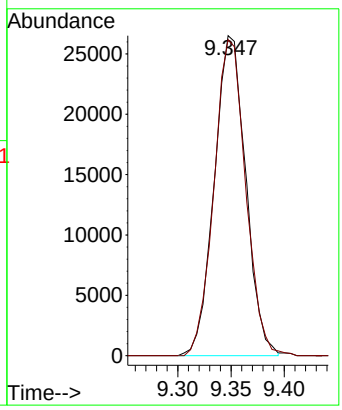
Tgt Ion:130 Resp: 5438

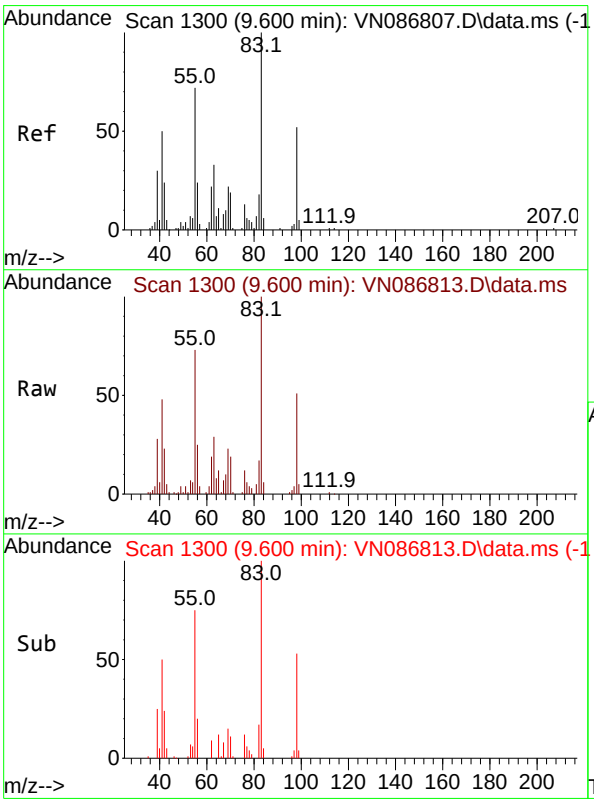
Ion	Ratio	Lower	Upper
130	100		
95	98.8	80.3	120.5

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

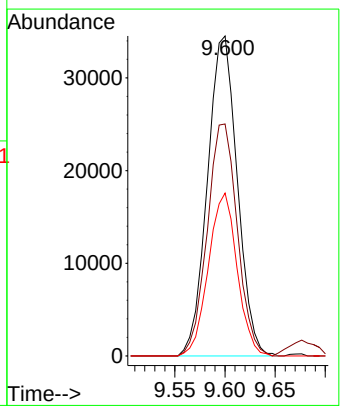


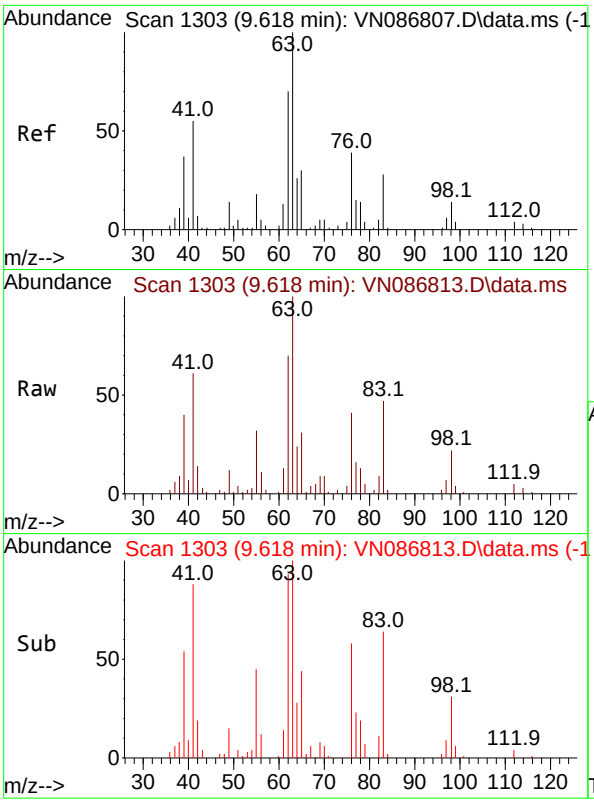


#38
Methylcyclohexane
Concen: 19.615 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 83 Resp: 71507

Ion	Ratio	Lower	Upper
83	100		
55	73.0	37.4	112.1
98	48.9	24.6	73.6

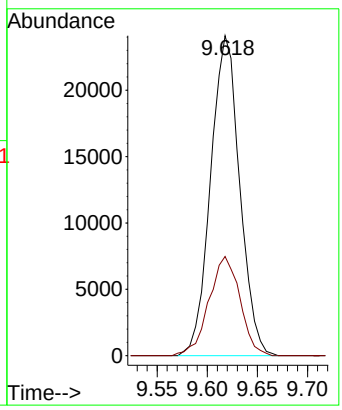




#39
1,2-Dichloropropane
Concen: 18.885 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 63 Resp: 4860

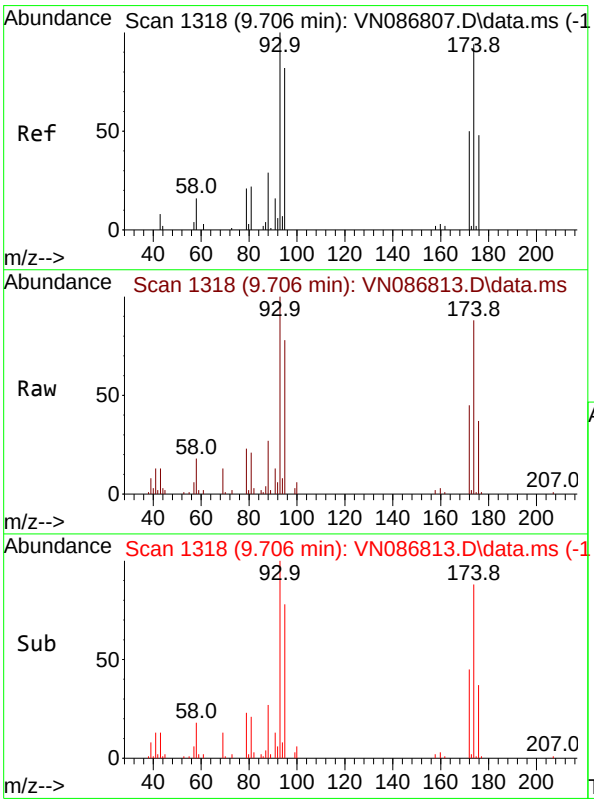
Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.2	36.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

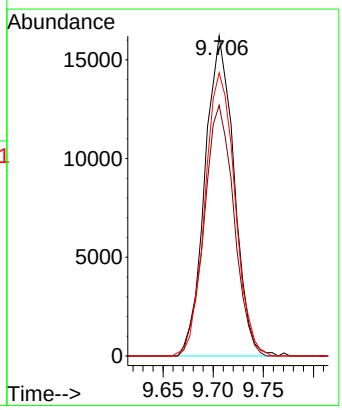
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

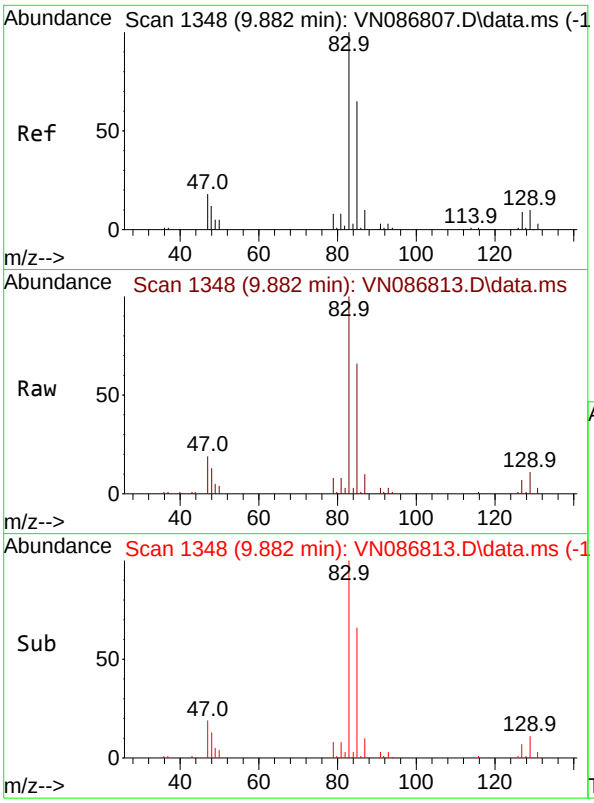


#40
Dibromomethane
Concen: 19.441 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 93 Resp: 32726

Ion	Ratio	Lower	Upper
93	100		
95	79.8	0.0	166.4
174	91.0	0.0	181.8

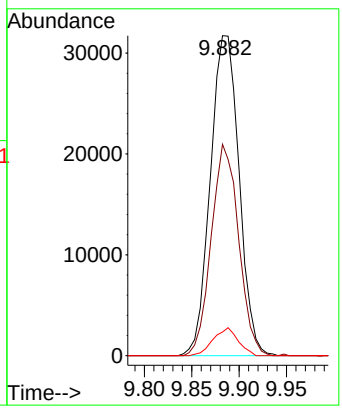




#41
Bromodichloromethane
Concen: 19.022 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 83 Resp: 6702

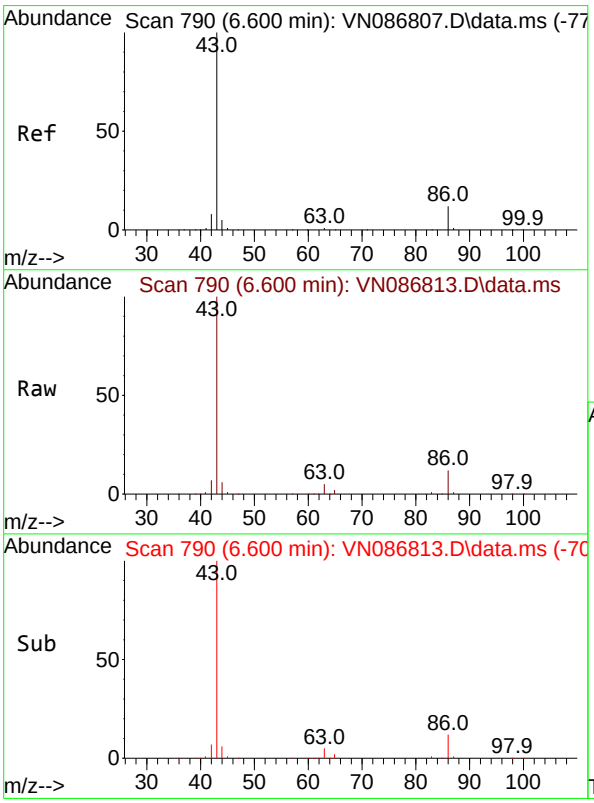
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.8	77.8
127	7.4	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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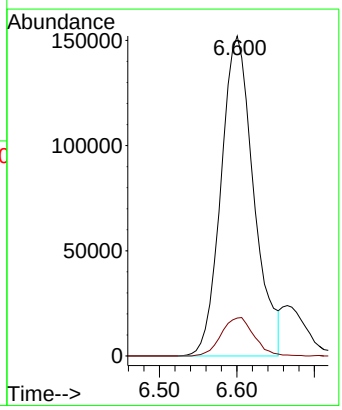
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

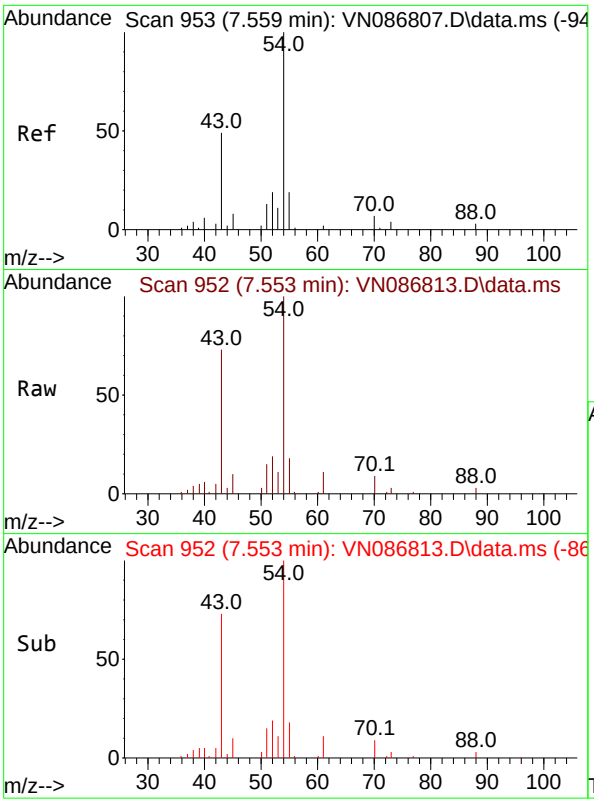


#42
Vinyl Acetate
Concen: 106.624 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 447425

Ion	Ratio	Lower	Upper
43	100		
86	12.0	9.5	14.3





#43
Ethyl Acetate
Concen: 19.221 ug/l m
RT: 7.553 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

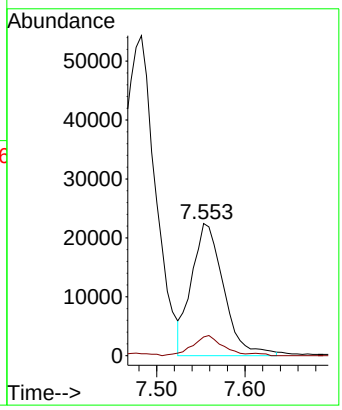
Tgt Ion: 43 Resp: 5661

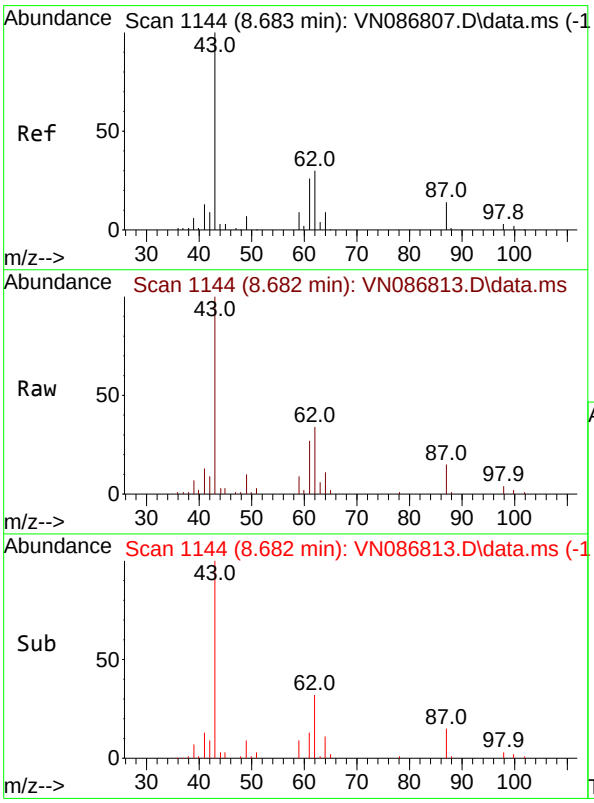
Ion	Ratio	Lower	Upper
43	100		
45	14.1	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

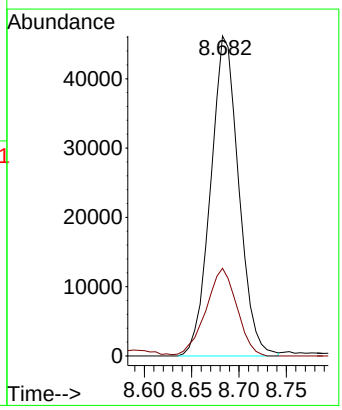


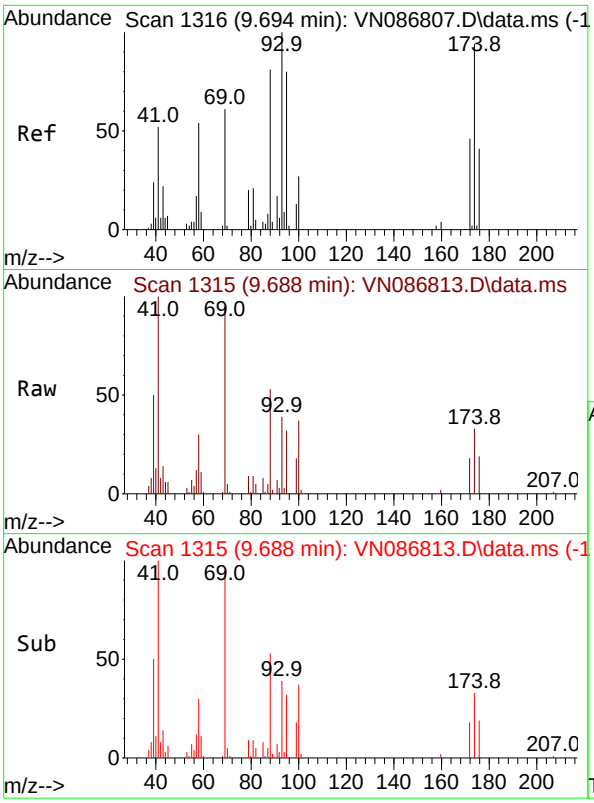


#44
Isopropyl Acetate
Concen: 18.873 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 95370

Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.8	35.6





#45
1,4-Dioxane
Concen: 383.443 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

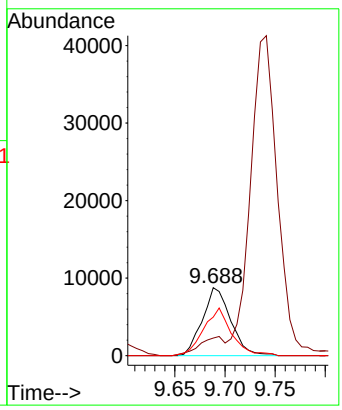
Tgt Ion: 88 Resp: 1722

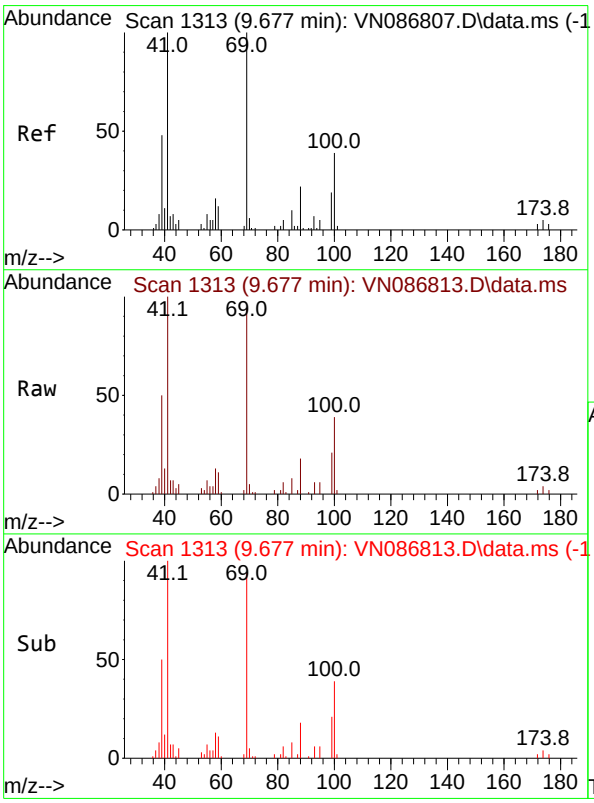
Ion	Ratio	Lower	Upper
88	100		
43	24.7	23.0	34.6
58	67.7	57.6	86.4

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

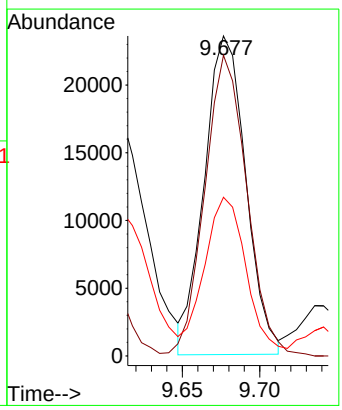


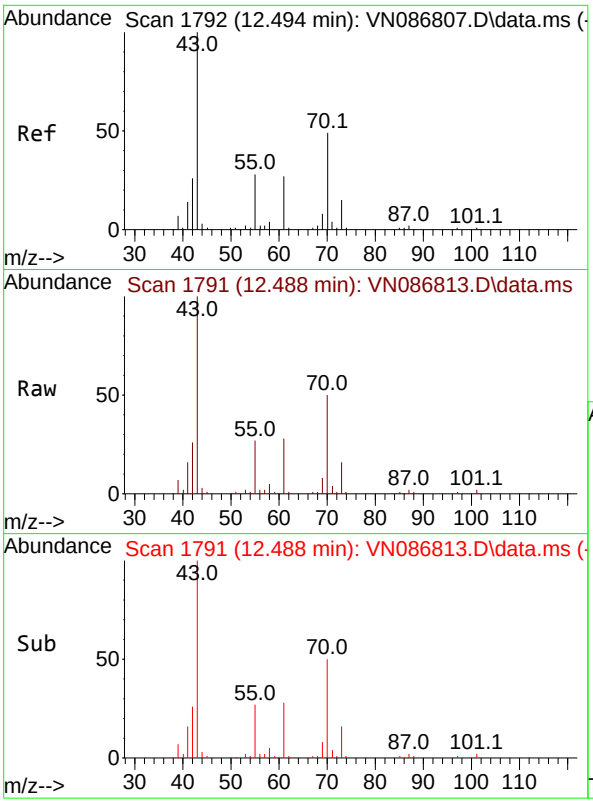


#46
Methyl methacrylate
Concen: 18.794 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 41 Resp: 43790

Ion	Ratio	Lower	Upper
41	100		
69	94.7	48.0	144.2
39	48.9	23.8	71.2





#47
n-amyl Acetate
Concen: 18.972 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

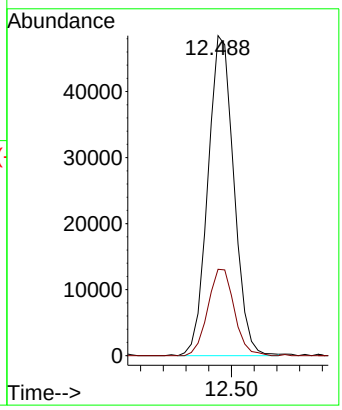
Tgt Ion: 43 Resp: 7696

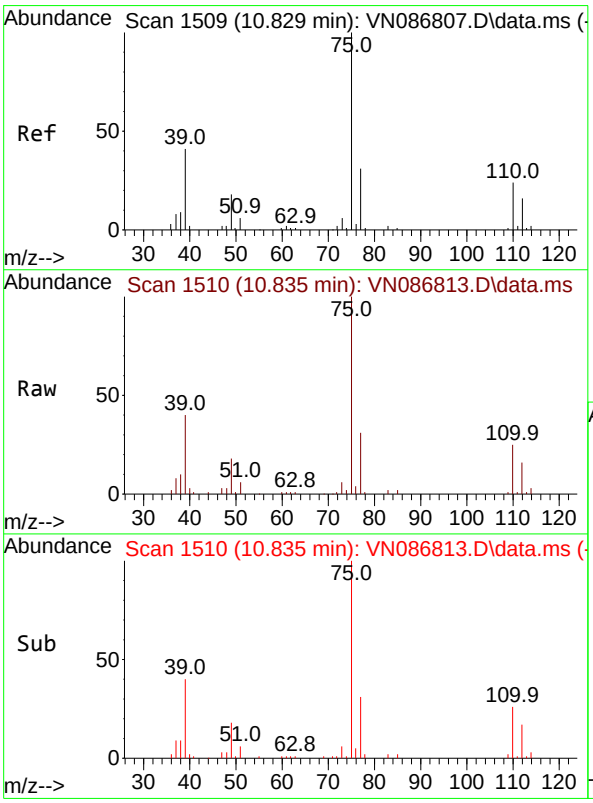
Ion	Ratio	Lower	Upper
43	100		
55	27.4	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

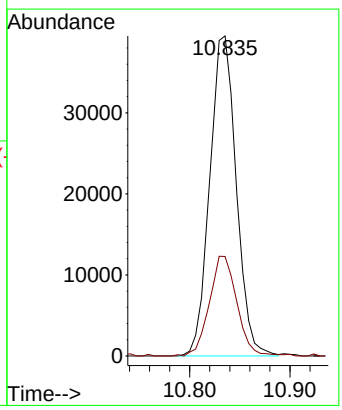


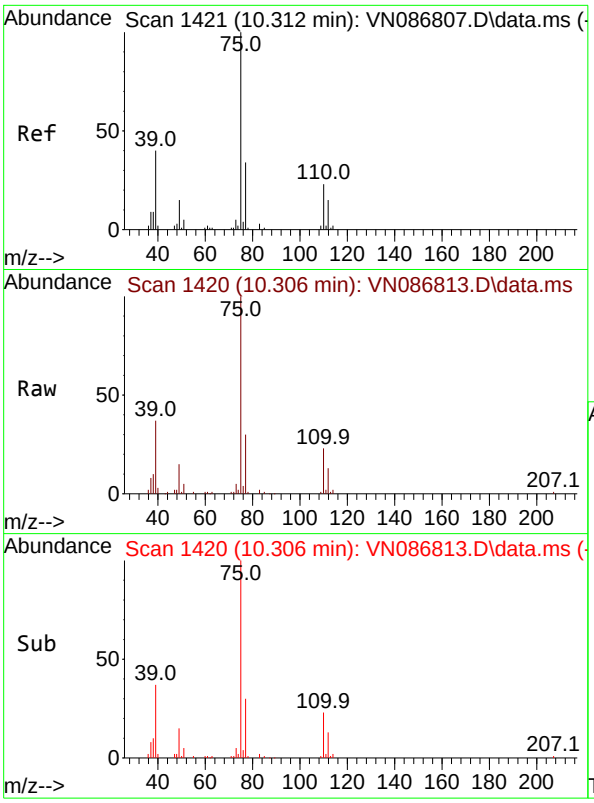


#48
t-1,3-Dichloropropene
Concen: 19.235 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 72529

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7

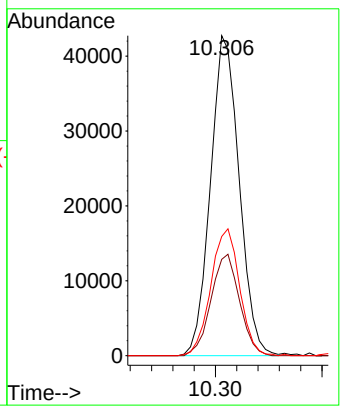




#49
cis-1,3-Dichloropropene
Concen: 19.253 ug/l
RT: 10.306 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 7985

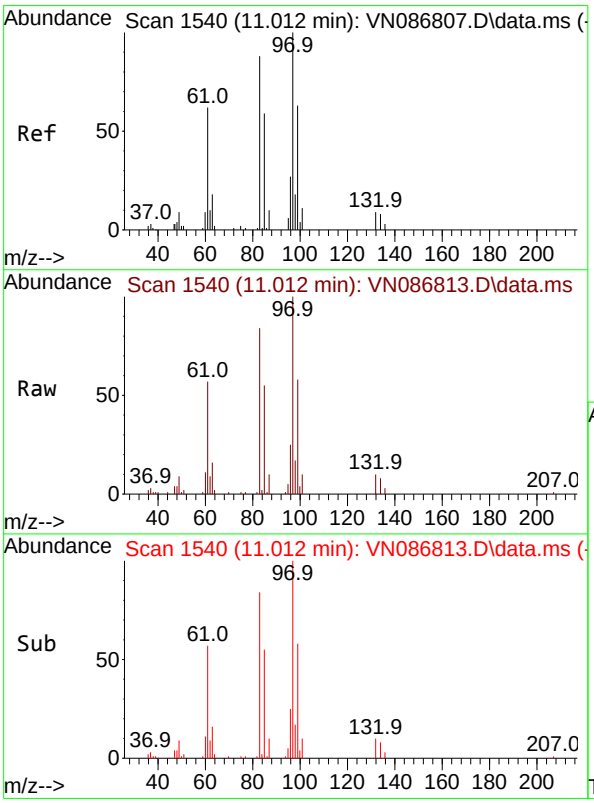
Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.9	40.3
39	37.3	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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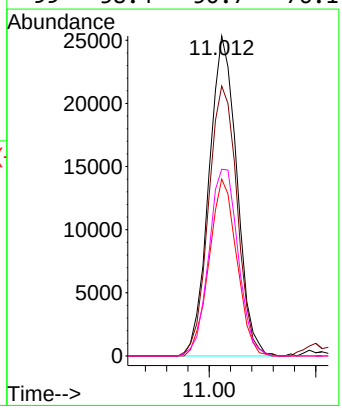
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

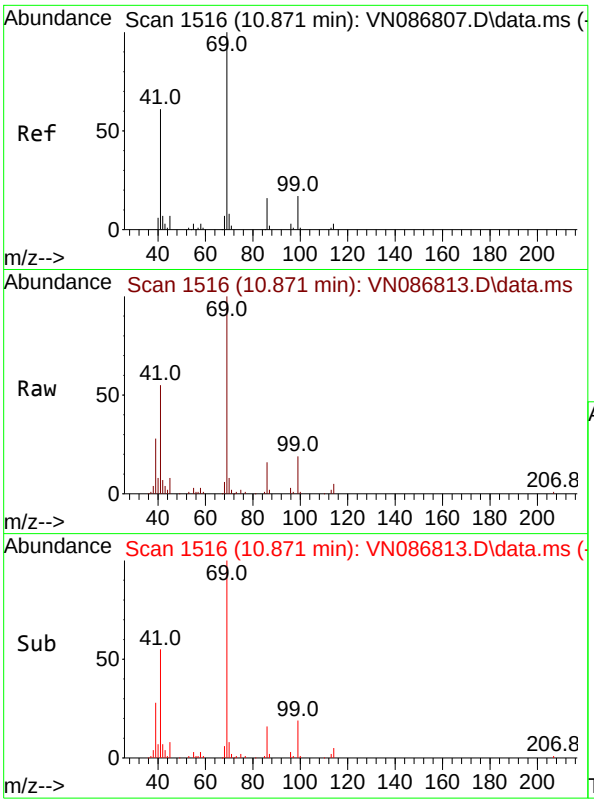


#50
1,1,2-Trichloroethane
Concen: 19.459 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 97 Resp: 46134

Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.6	105.8
85	55.3	46.8	70.2
99	58.4	50.7	76.1

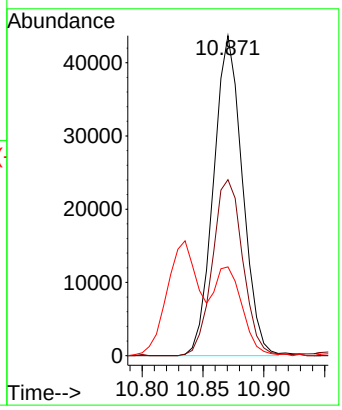




#51
Ethyl methacrylate
Concen: 18.800 ug/l
RT: 10.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 69 Resp: 7218

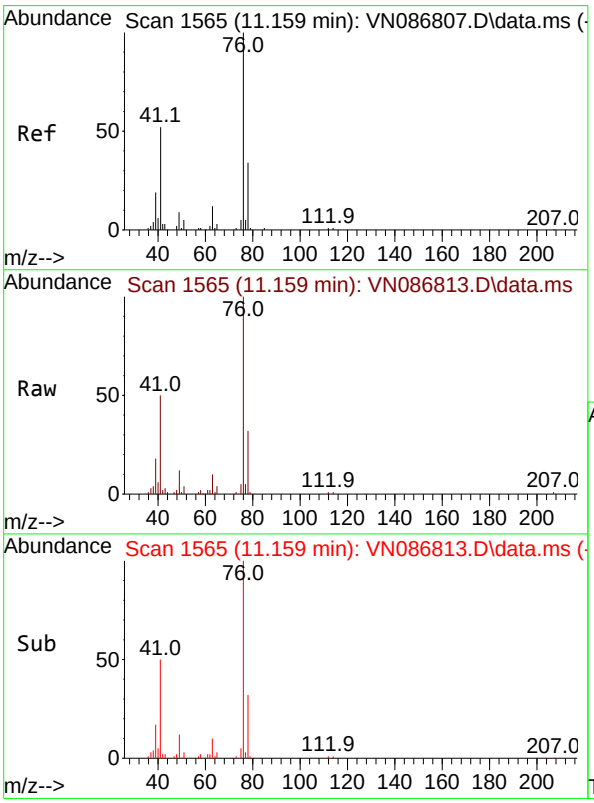
Ion	Ratio	Lower	Upper
69	100		
41	55.0	30.5	91.5
39	27.4	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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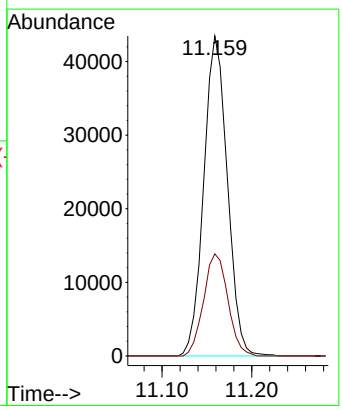
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

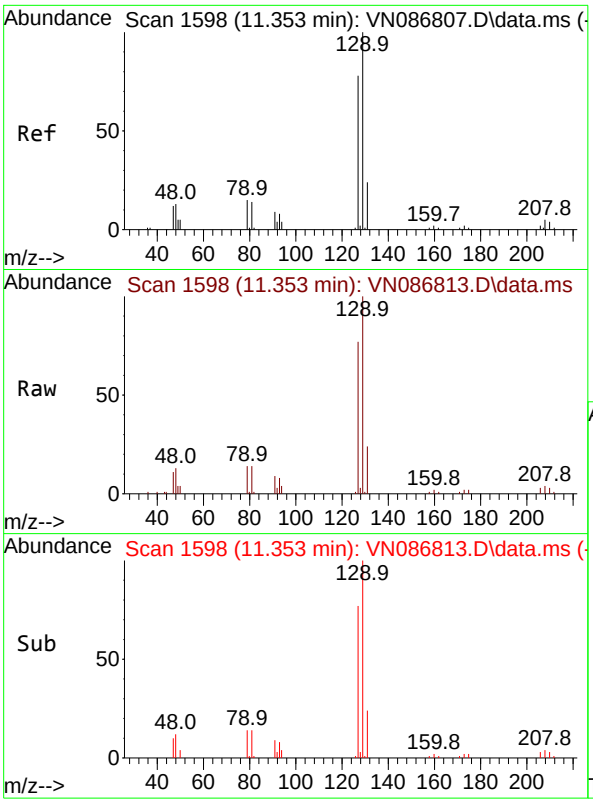


#52
1,3-Dichloropropane
Concen: 18.836 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 76 Resp: 79252

Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	64.6

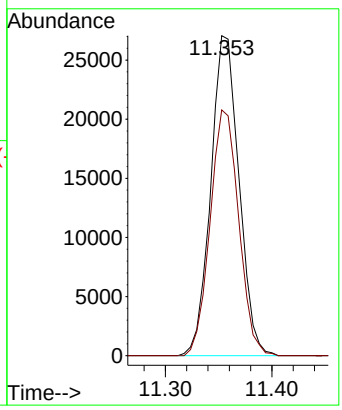




#53
Dibromochloromethane
Concen: 18.549 ug/l
RT: 11.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:129 Resp: 4969

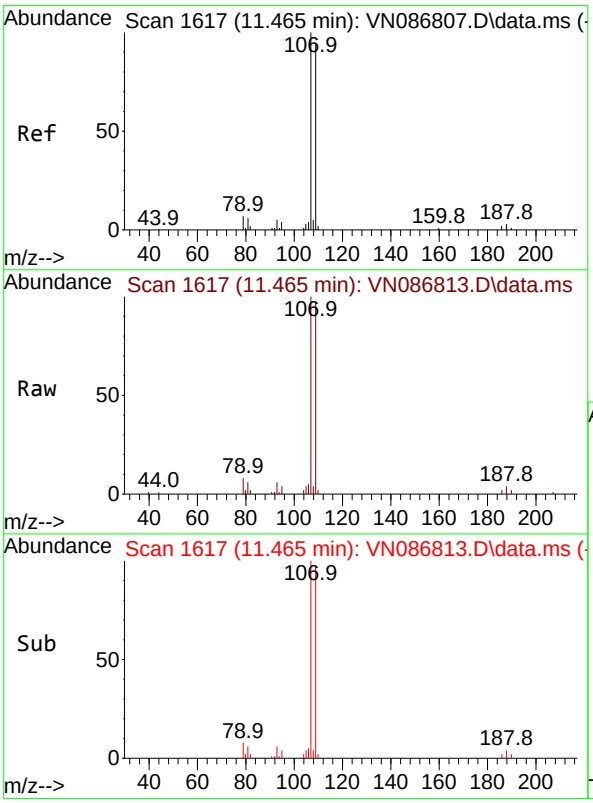
Ion	Ratio	Lower	Upper
129	100		
127	77.9	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

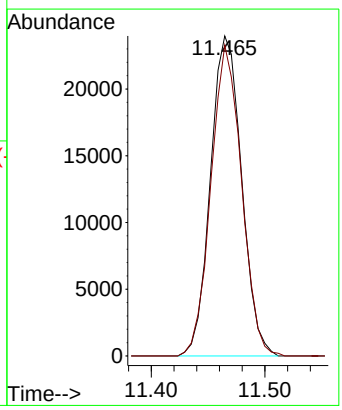
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

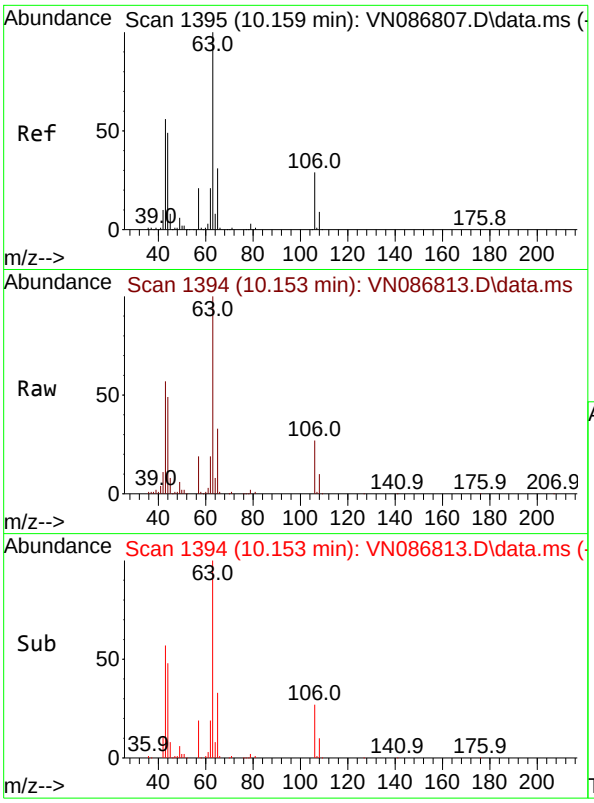


#54
1,2-Dibromoethane
Concen: 18.840 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:107 Resp: 45658

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.0	112.6

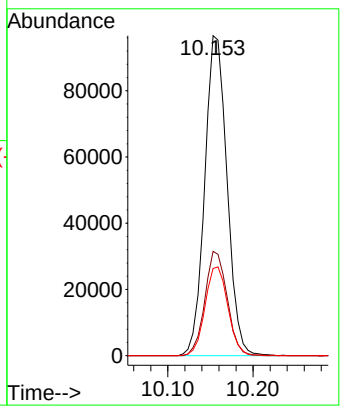




#55
2-Chloroethyl vinyl ether
Concen: 95.504 ug/l
RT: 10.153 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 63 Resp: 17602

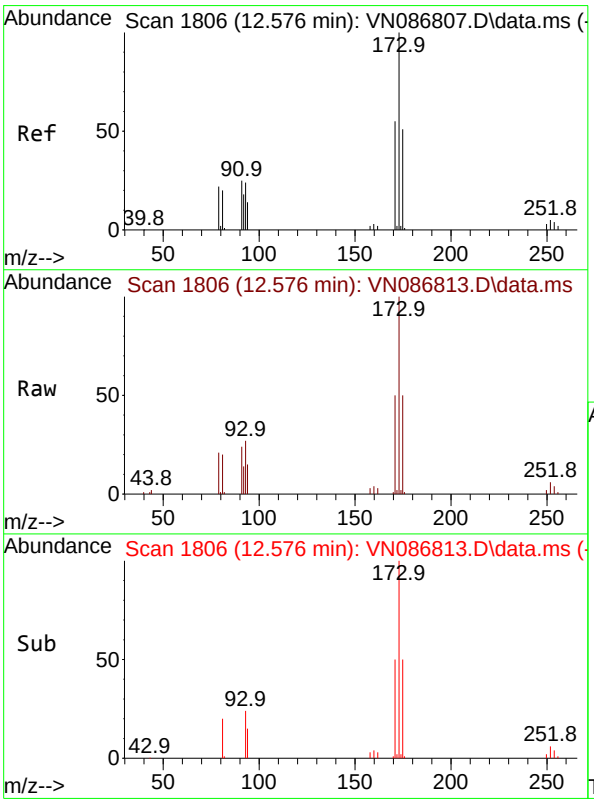
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.7	38.5
106	28.3	22.7	34.1



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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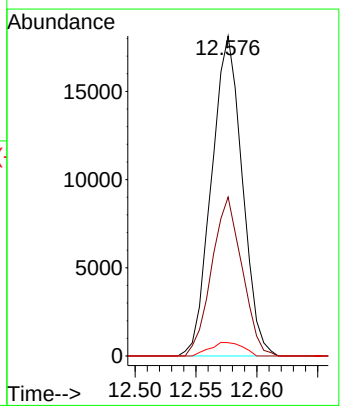
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

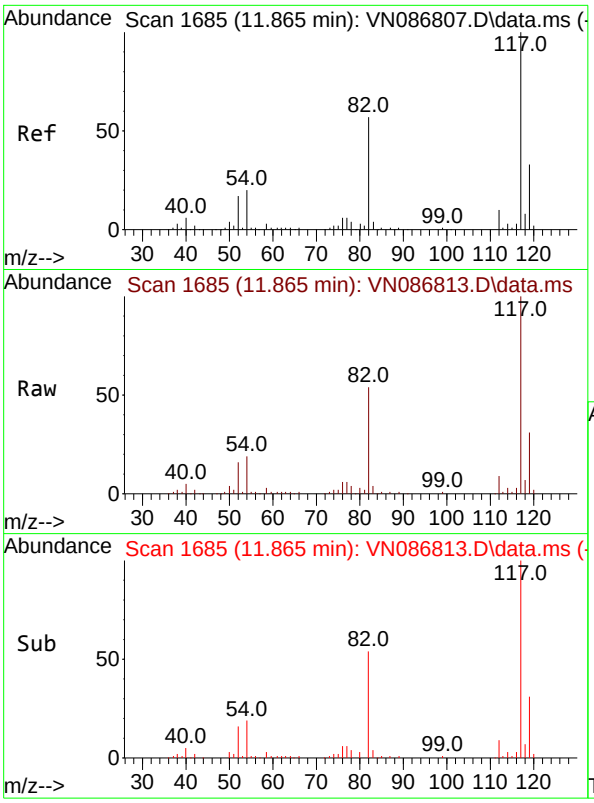


#56
Bromoform
Concen: 18.865 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:173 Resp: 31845

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.7	59.5
254	4.6	3.5	5.3

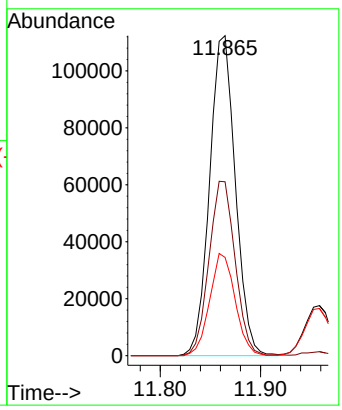




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:117 Resp: 20081

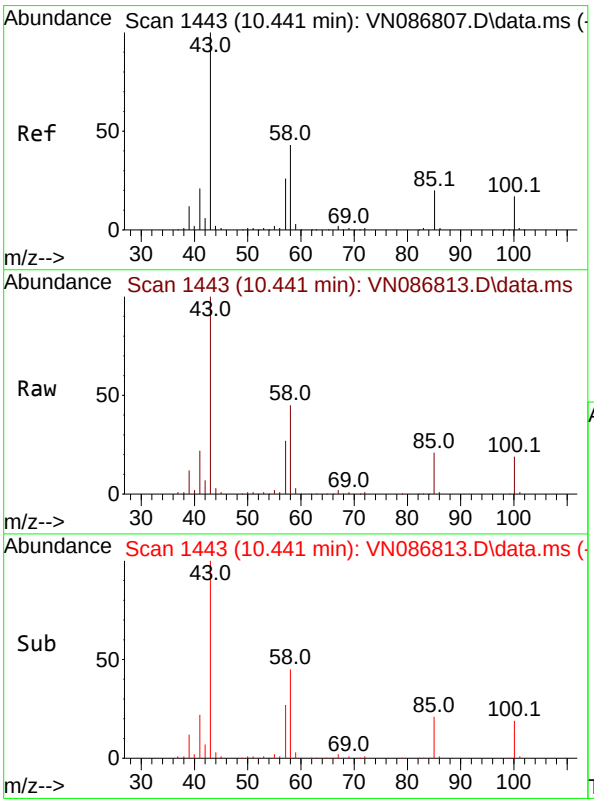
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.7	67.1
119	31.5	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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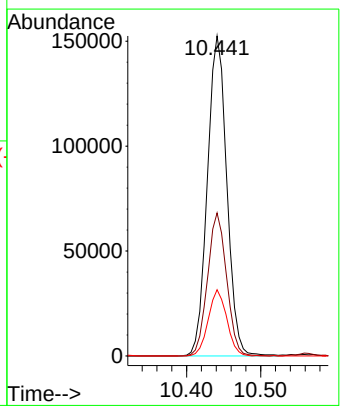
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

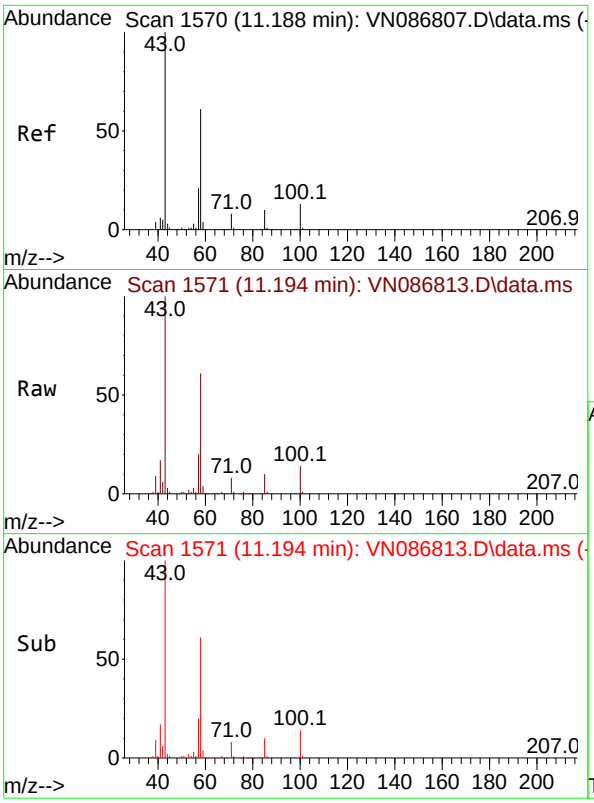


#58
4-Methyl-2-Pentanone
Concen: 94.450 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 278301

Ion	Ratio	Lower	Upper
43	100		
58	43.8	34.5	51.7
85	19.7	15.8	23.8

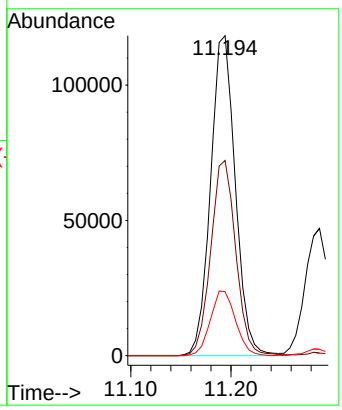




#59
2-Hexanone
Concen: 96.059 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 43 Resp: 20274

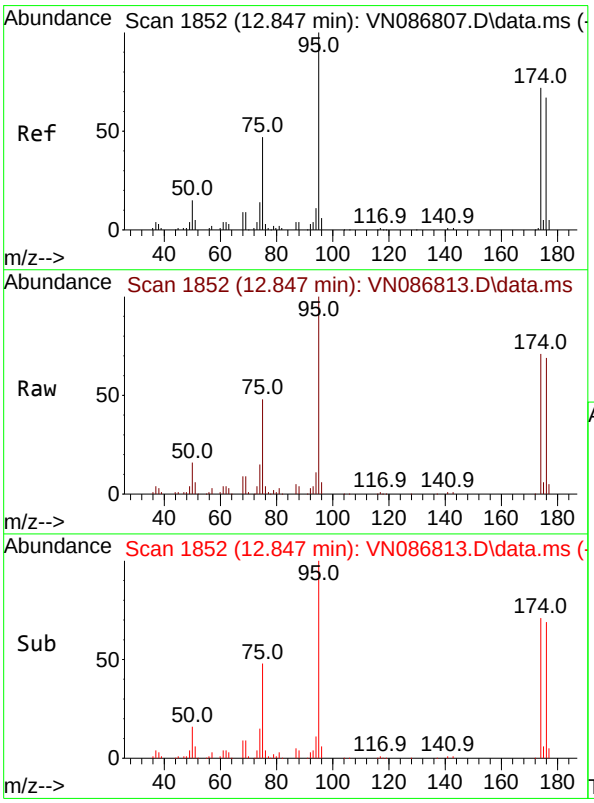
Ion	Ratio	Lower	Upper
43	100		
58	61.6	49.1	73.7
57	20.6	16.6	25.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

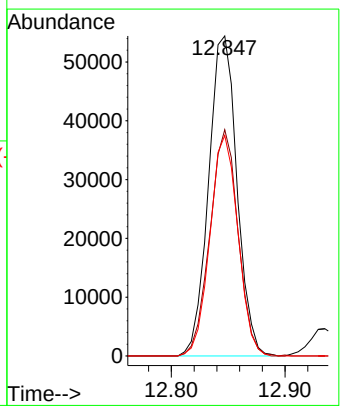
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

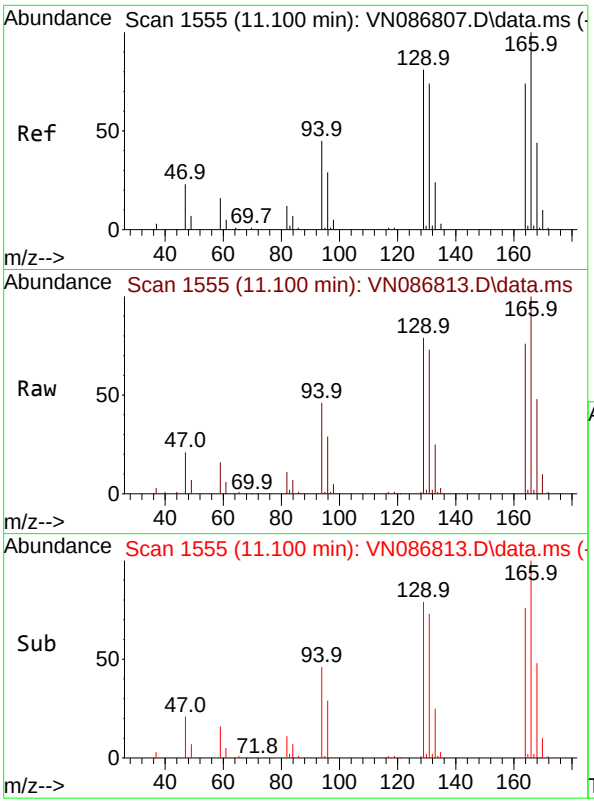


#60
4-Bromofluorobenzene
Concen: 29.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 95 Resp: 94574

Ion	Ratio	Lower	Upper
95	100		
174	69.9	56.2	84.4
176	67.8	53.4	80.0

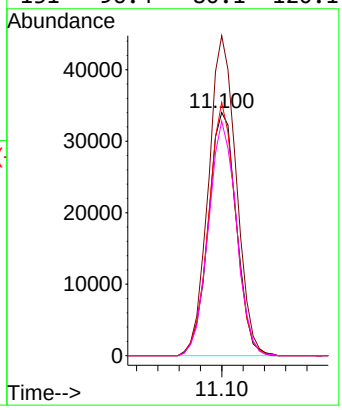




#61
Tetrachloroethene
Concen: 18.470 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:164 Resp: 6234

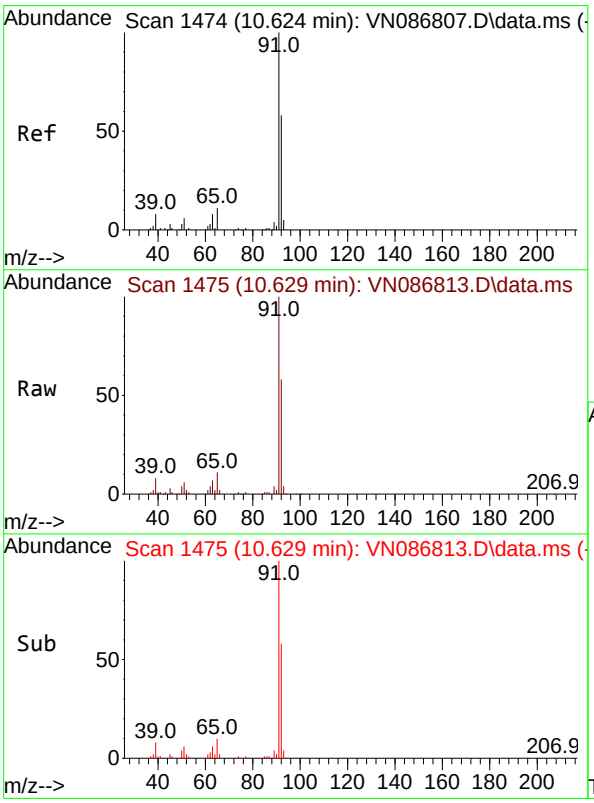
Ion	Ratio	Lower	Upper
164	100		
166	131.5	107.5	161.3
129	104.1	87.4	131.2
131	96.4	80.1	120.1



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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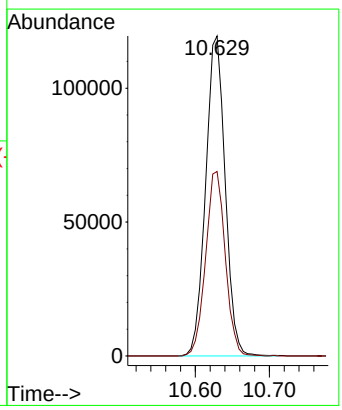
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

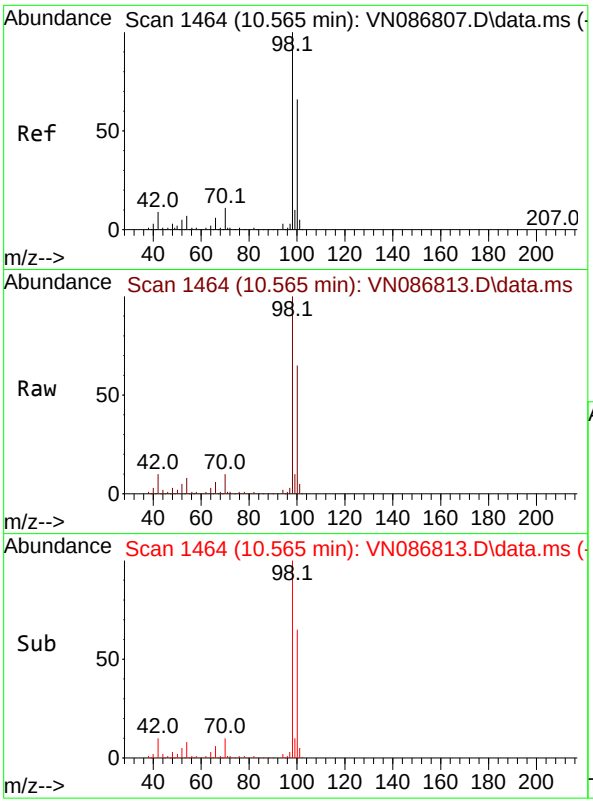


#62
Toluene
Concen: 19.327 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 218581

Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.6	70.0





#63
Toluene-d8
Concen: 29.935 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

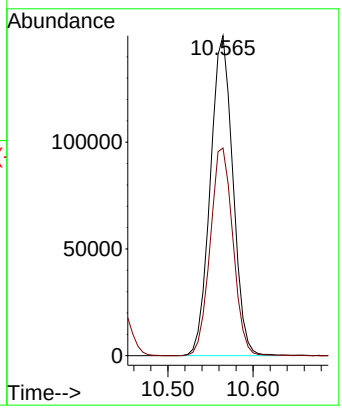
Tgt Ion: 98 Resp: 27590

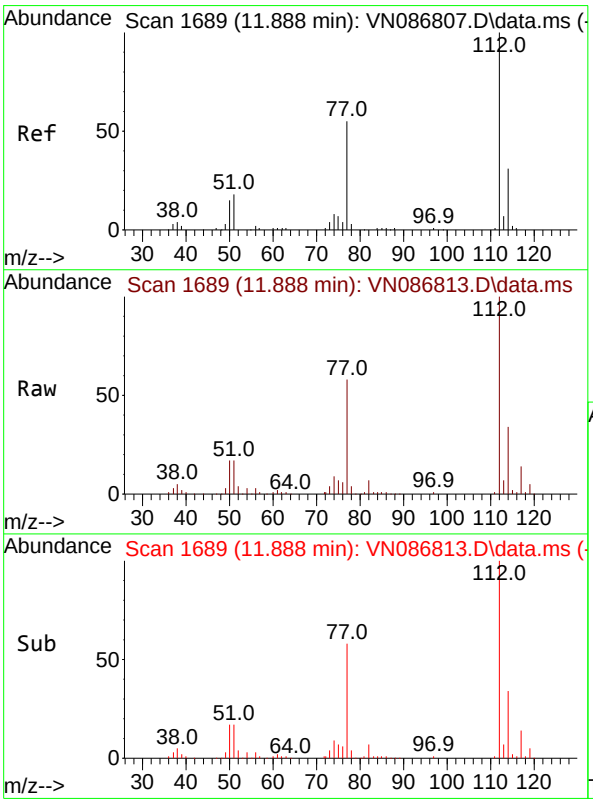
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

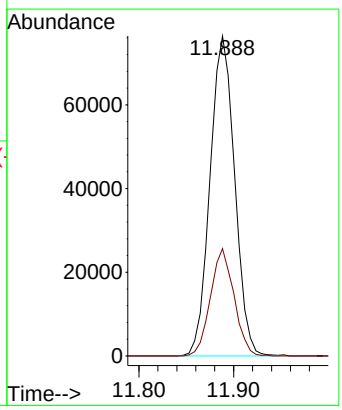


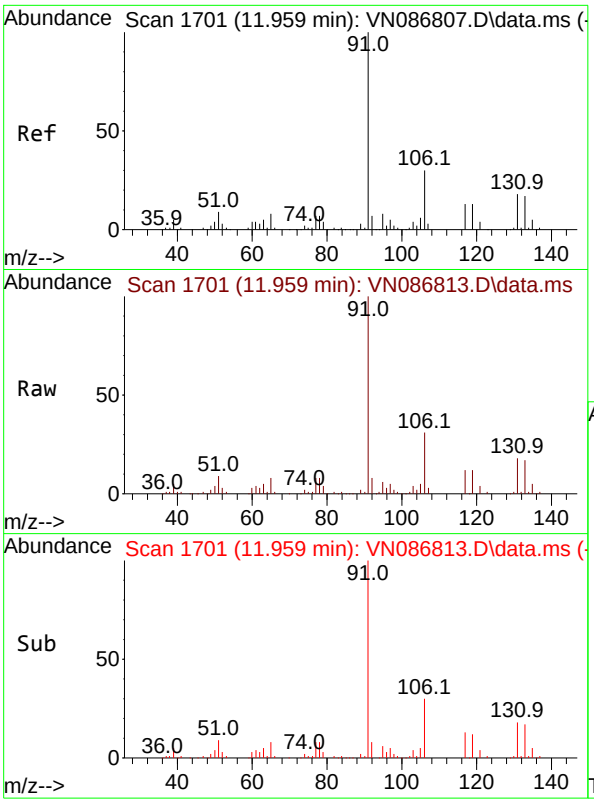


#64
Chlorobenzene
Concen: 19.167 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:112 Resp: 138241

Ion	Ratio	Lower	Upper
112	100		
114	33.6	25.1	37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

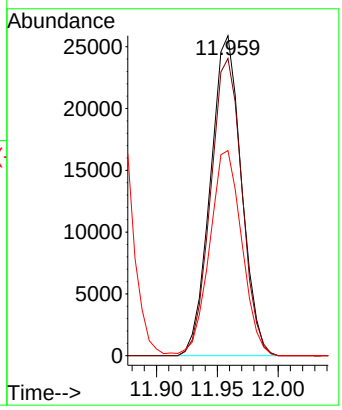
Tgt Ion:131 Resp: 4586

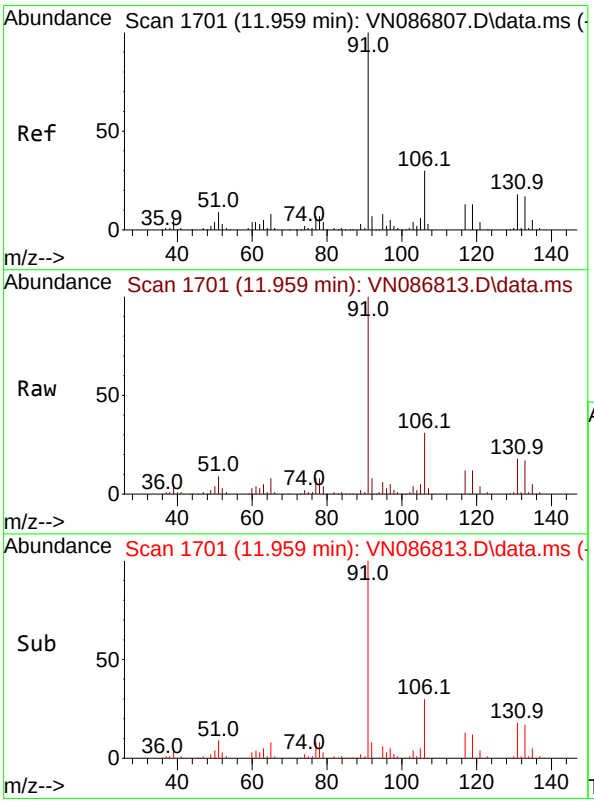
Ion	Ratio	Lower	Upper
131	100		
133	93.8	0.0	191.0
119	66.3	0.0	140.8

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

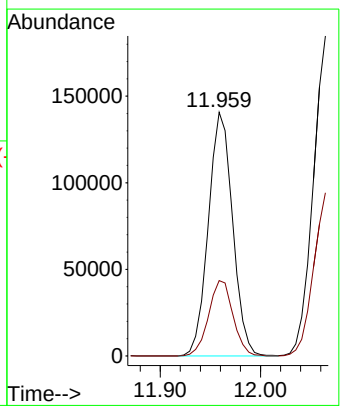


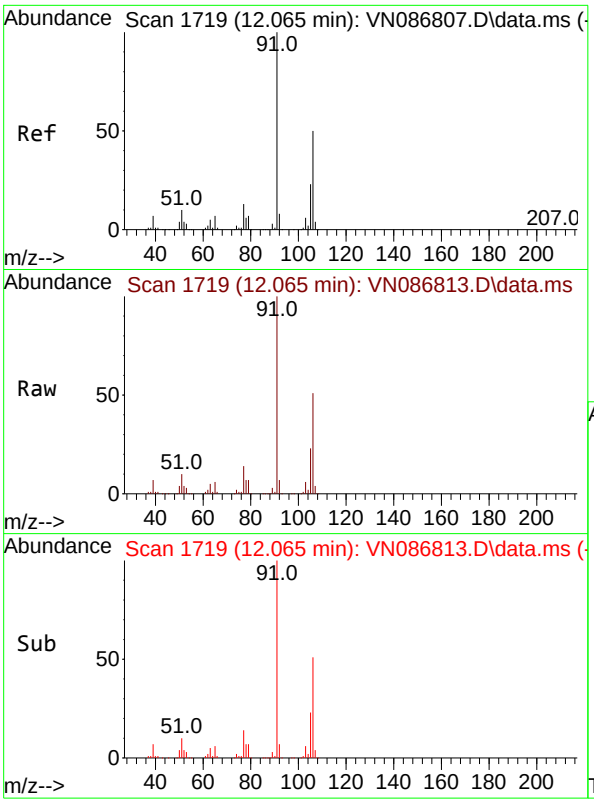


#66
Ethyl Benzene
Concen: 19.318 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 236314

Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.6	35.4





#67
m/p-Xylenes
Concen: 38.671 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

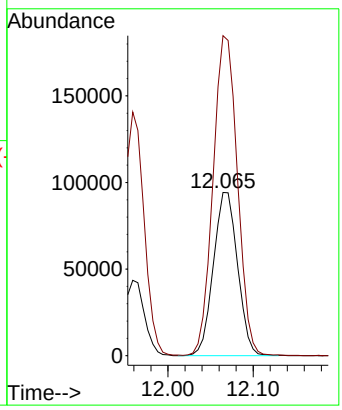
Tgt Ion:106 Resp: 18563

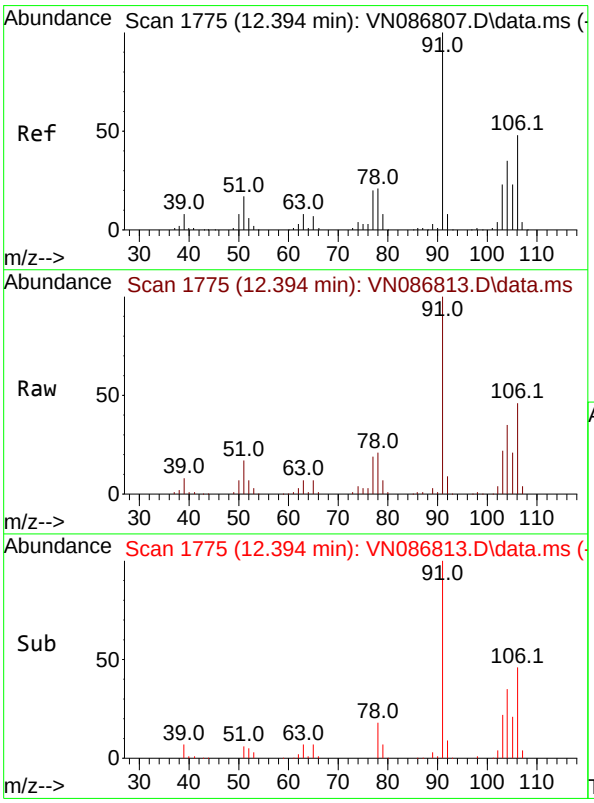
Ion	Ratio	Lower	Upper
106	100		
91	198.0	160.7	241.1

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

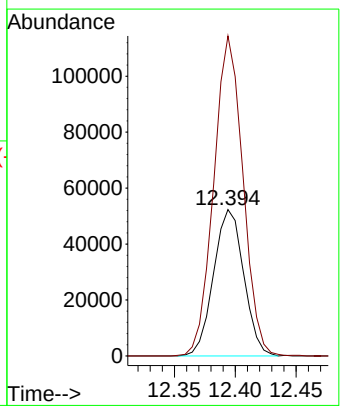


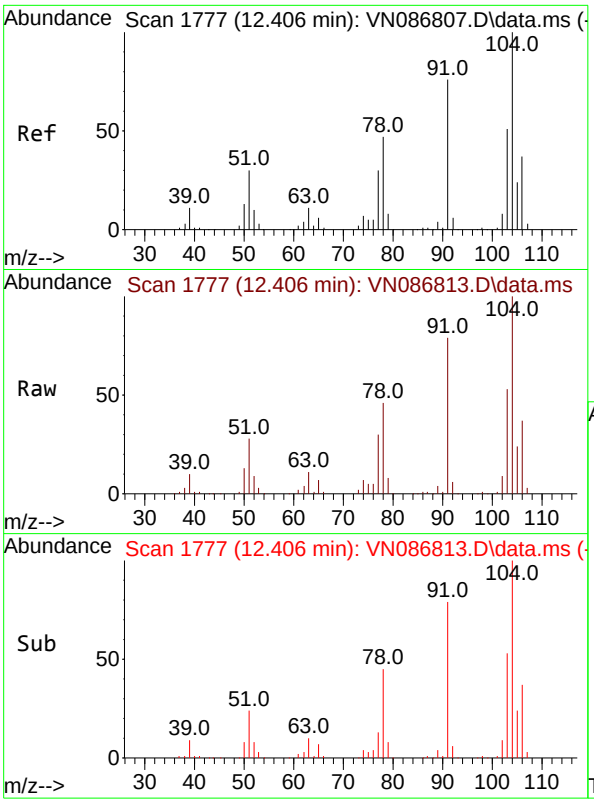


#68
o-Xylene
Concen: 19.413 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:106 Resp: 90311

Ion	Ratio	Lower	Upper
106	100		
91	211.6	106.3	318.9

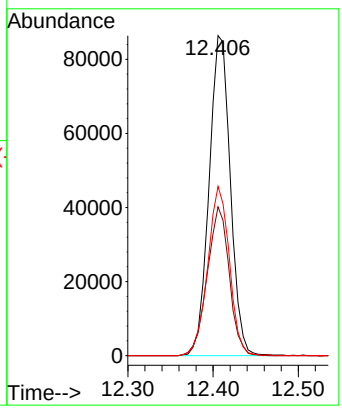




#69
Styrene
Concen: 19.332 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:104 Resp: 14983

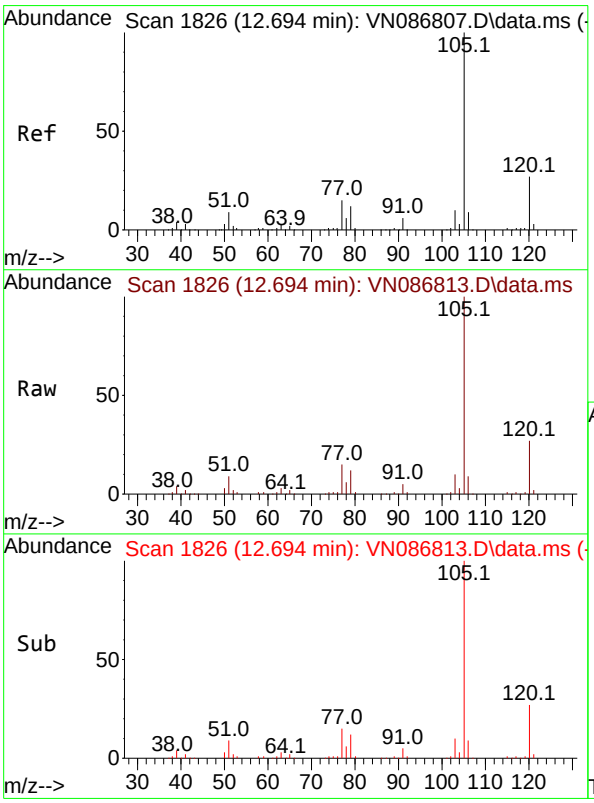
Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.6	57.8
103	53.9	43.2	64.8



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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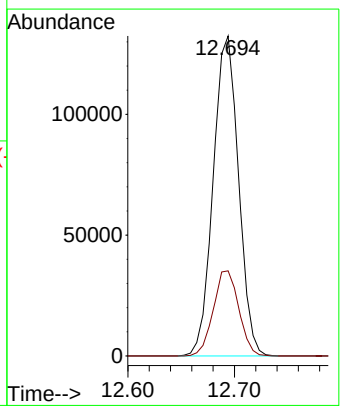
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

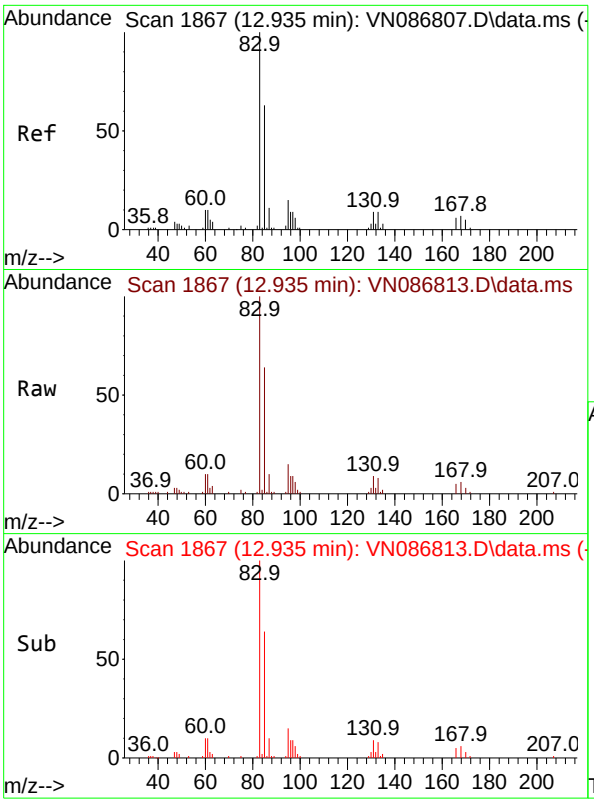


#70
Isopropylbenzene
Concen: 19.739 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:105 Resp: 218406

Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

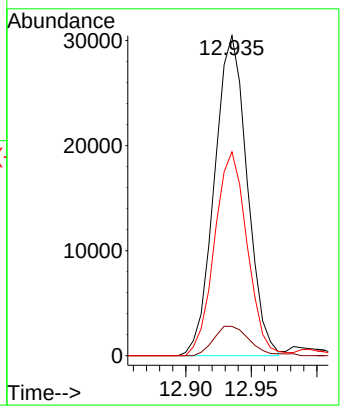
Tgt Ion: 83 Resp: 5286

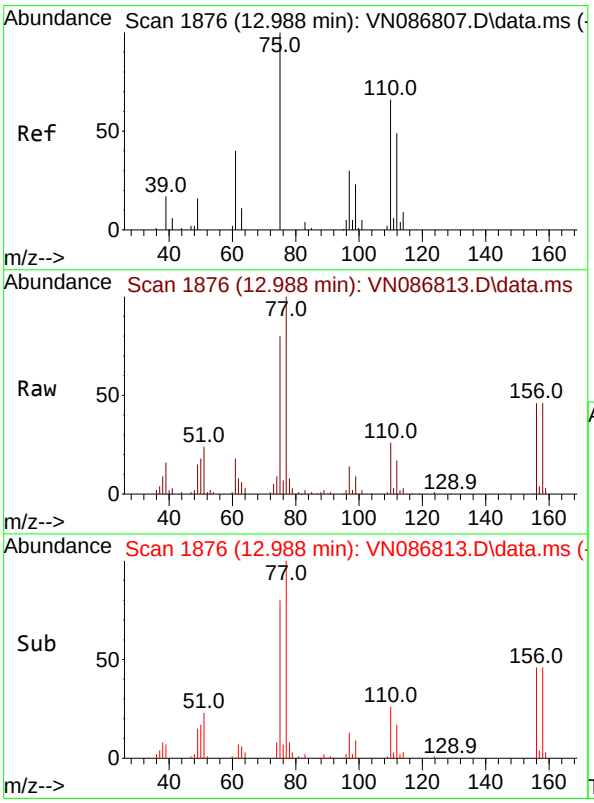
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	63.4	32.6	97.7

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

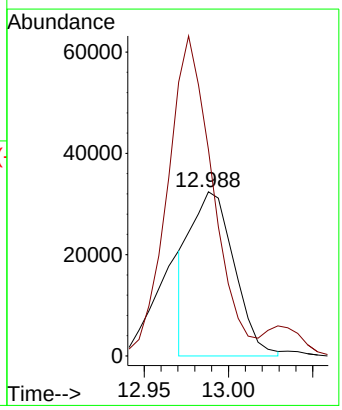


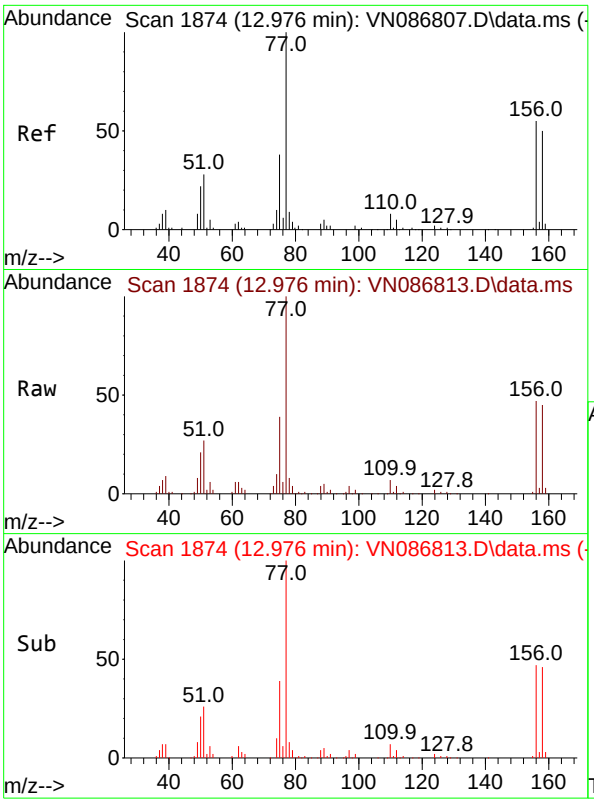


#72
1,2,3-Trichloropropane
Concen: 19.057 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 58756

Ion	Ratio	Lower	Upper
75	100		
77	201.8	0.0	390.6

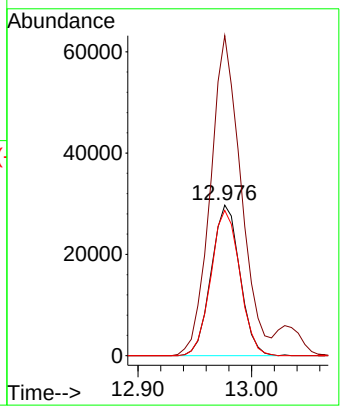




#73
Bromobenzene
Concen: 18.900 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:156 Resp: 5197

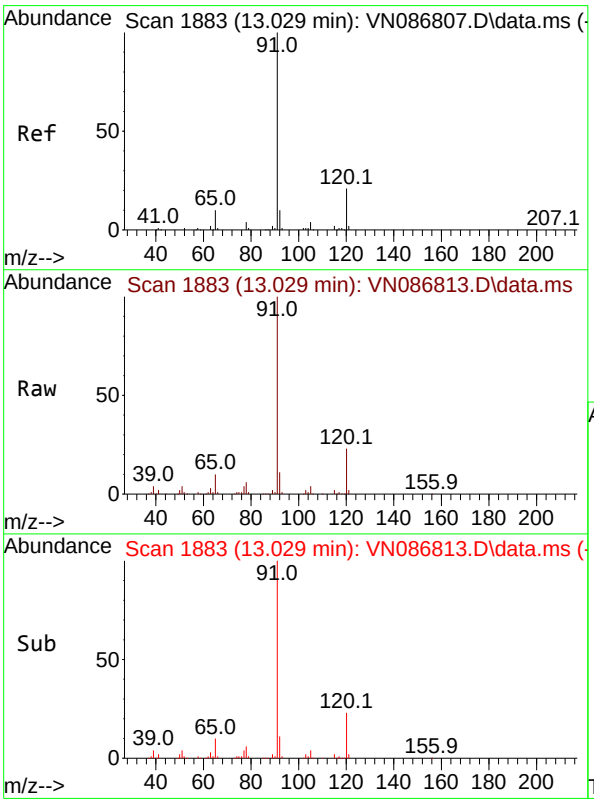
Ion	Ratio	Lower	Upper
156	100		
77	228.1	0.0	442.0
158	97.7	0.0	191.8



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

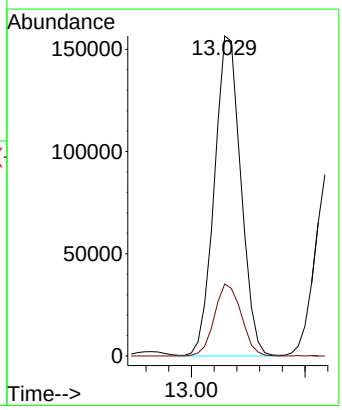
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

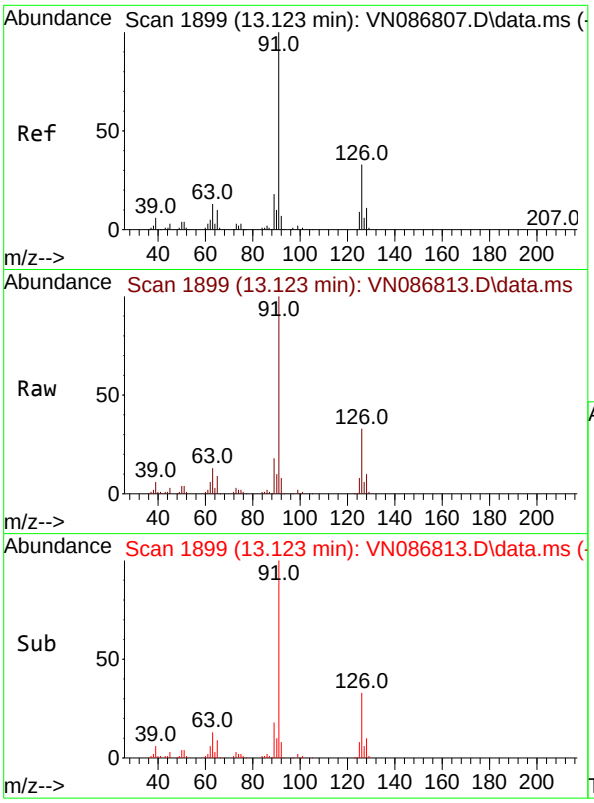


#74
n-propylbenzene
Concen: 19.359 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 253729

Ion	Ratio	Lower	Upper
91	100		
120	22.7	0.0	45.6

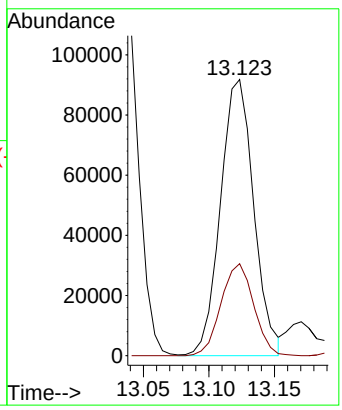




#75
2-Chlorotoluene
Concen: 19.300 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 16235

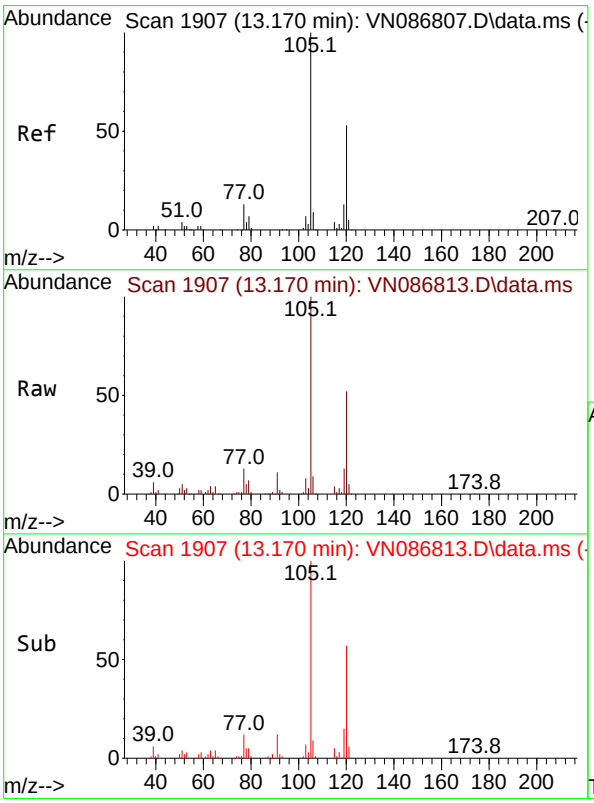
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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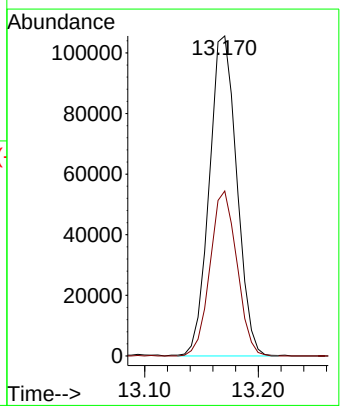
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

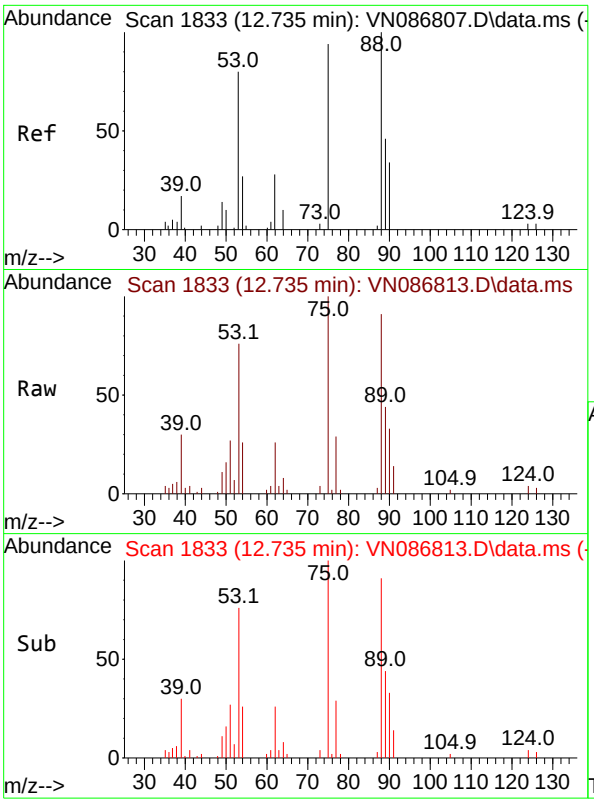


#76
1,3,5-Trimethylbenzene
Concen: 19.311 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:105 Resp: 177756

Ion	Ratio	Lower	Upper
105	100		
120	50.2	0.0	101.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.095 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

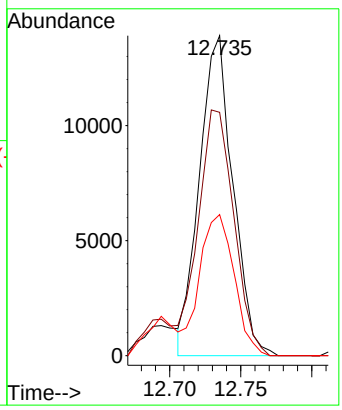
Tgt Ion: 75 Resp: 2283

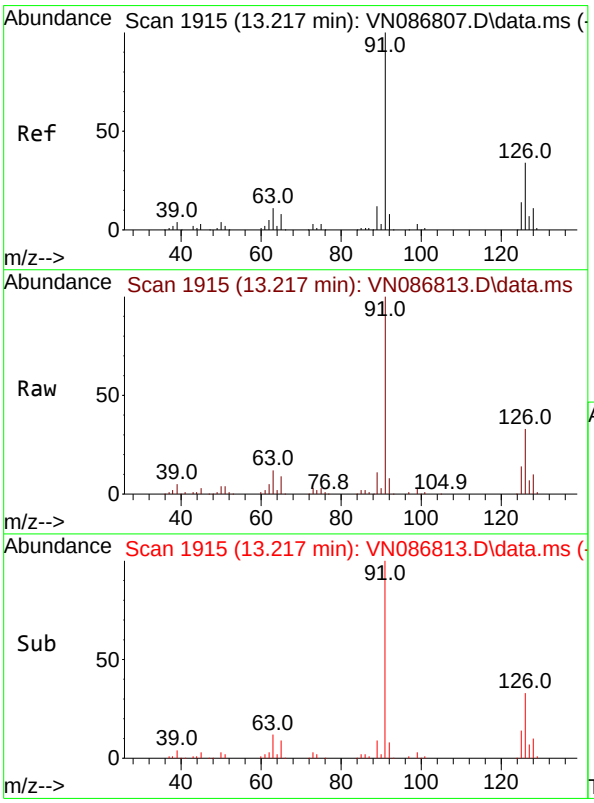
Ion	Ratio	Lower	Upper
75	100		
53	76.1	43.0	128.8
89	44.1	25.4	76.2

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

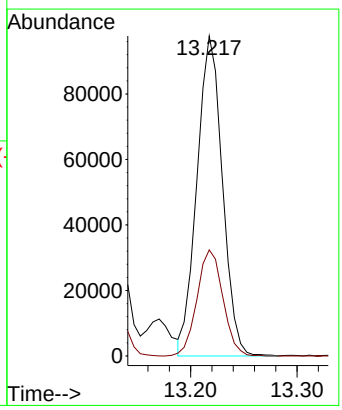


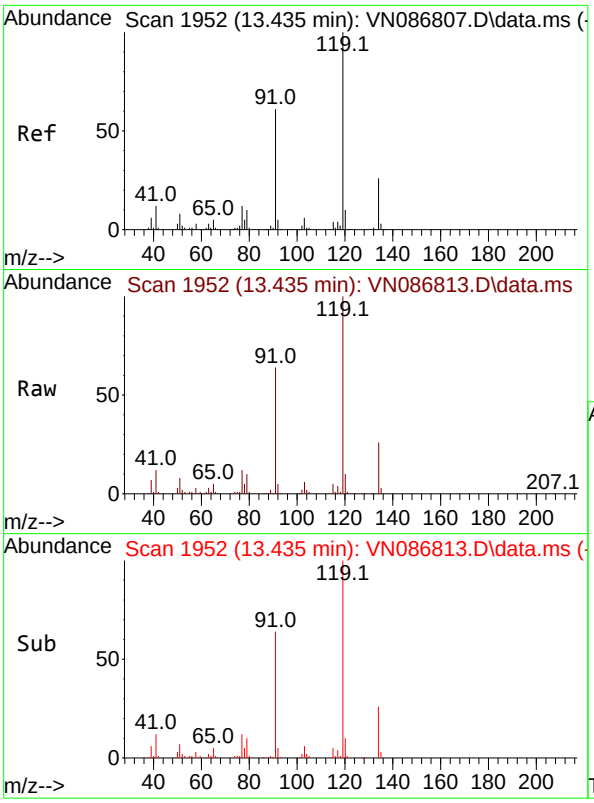


#78
4-Chlorotoluene
Concen: 19.472 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 162258

Ion	Ratio	Lower	Upper
91	100		
126	33.6	0.0	66.6





#79
tert-butylbenzene
Concen: 19.384 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

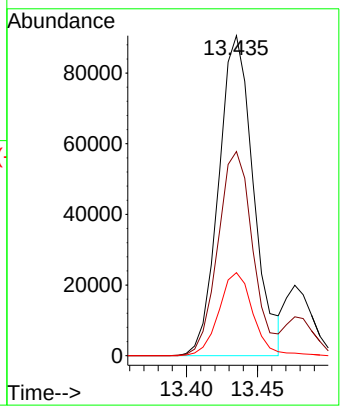
Tgt Ion:119 Resp: 15426

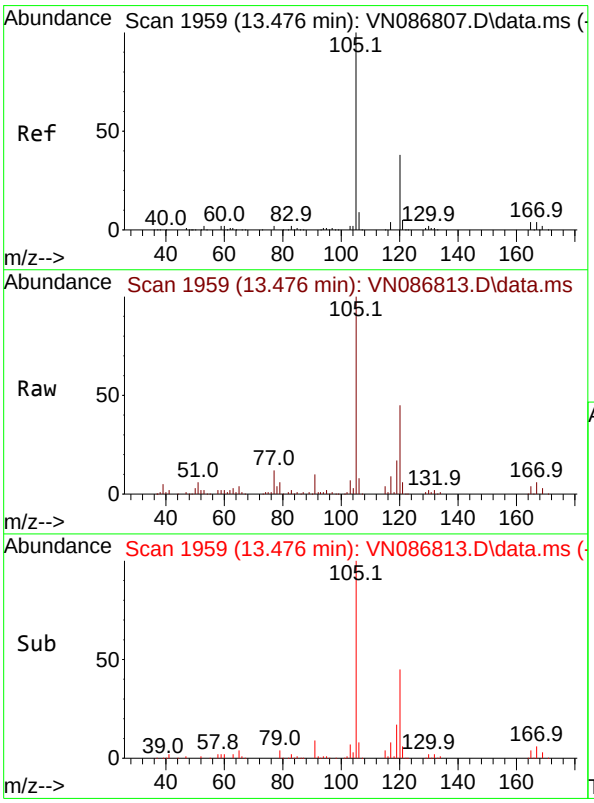
Ion	Ratio	Lower	Upper
119	100		
91	64.3	0.0	130.4
134	25.5	0.0	50.6

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

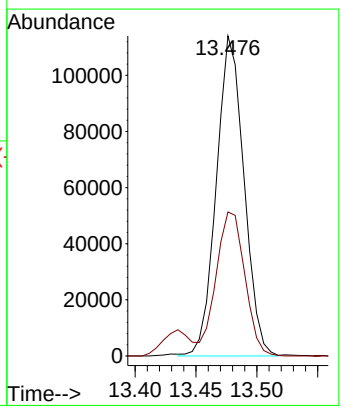


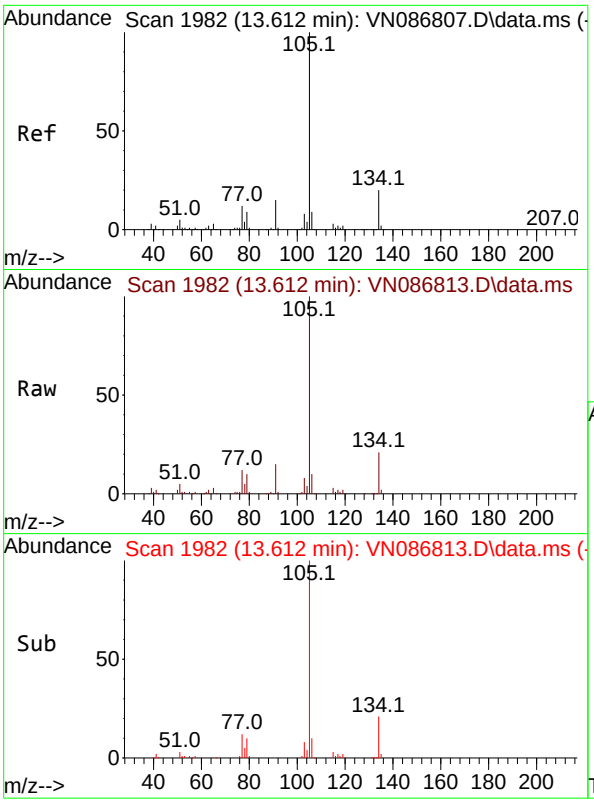


#80
1,2,4-Trimethylbenzene
Concen: 19.496 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:105 Resp: 180132

Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	92.2





#81
sec-Butylbenzene
Concen: 19.271 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

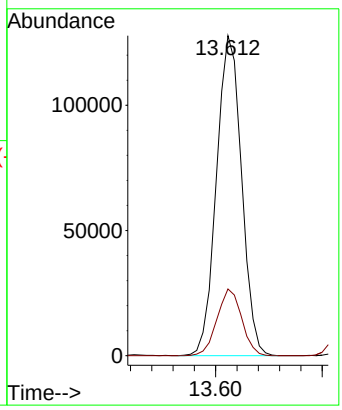
Tgt Ion:105 Resp: 20893

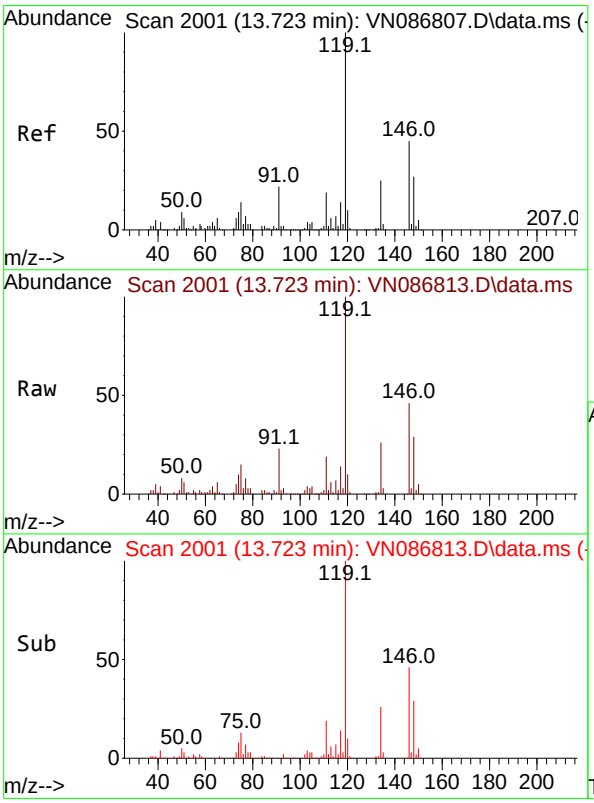
Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	40.0

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

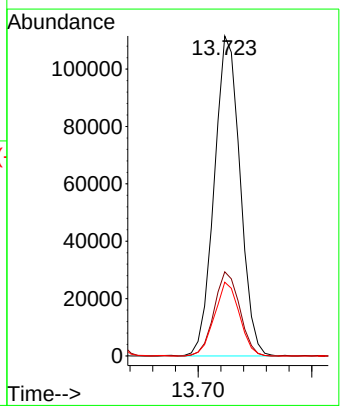


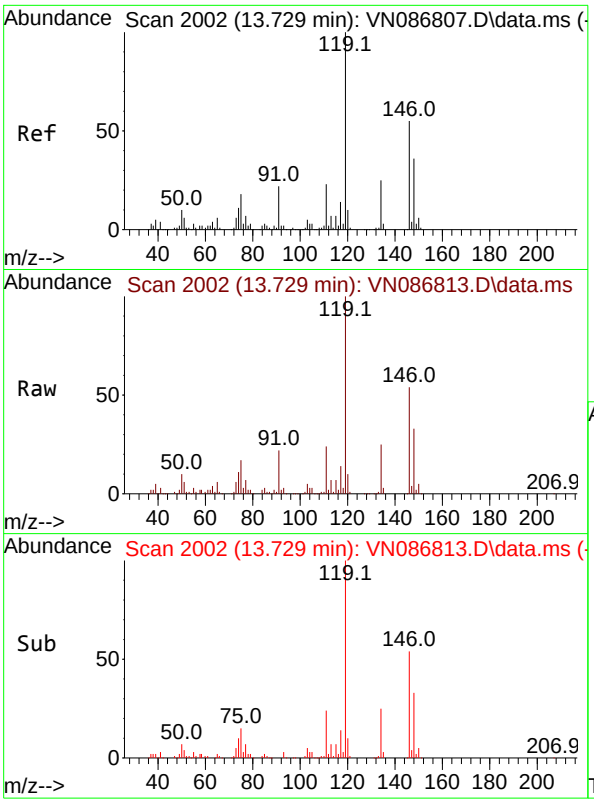


#82
p-Isopropyltoluene
Concen: 19.344 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:119 Resp: 176104

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	51.8
91	22.4	0.0	45.2

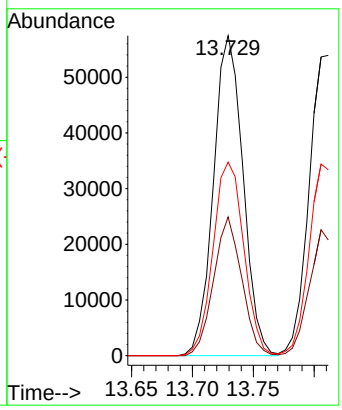




#83
1,3-Dichlorobenzene
Concen: 19.280 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:146 Resp: 9727

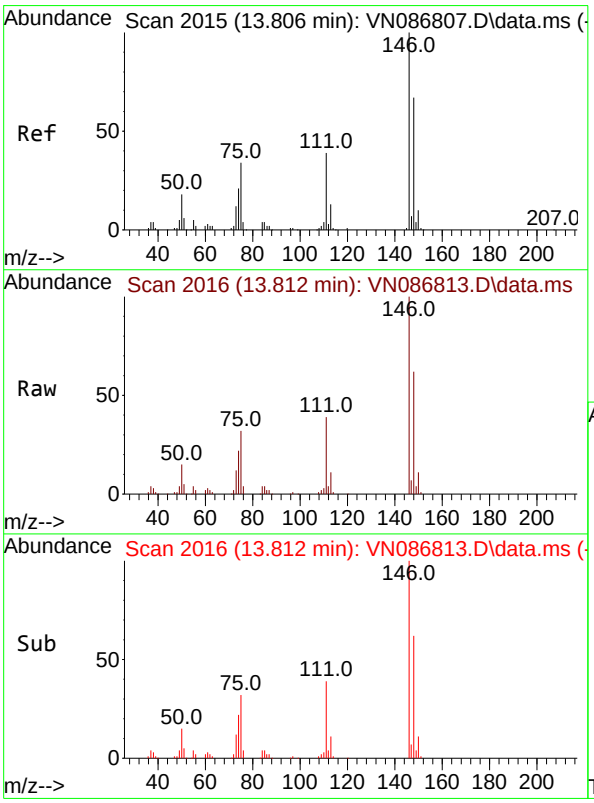
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.1
148	63.0	32.1	96.5



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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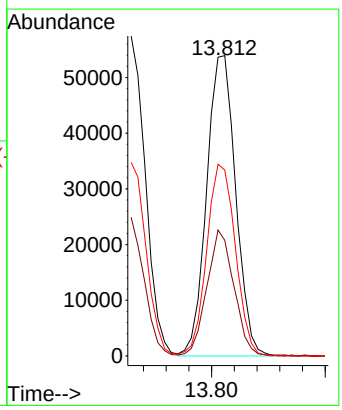
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

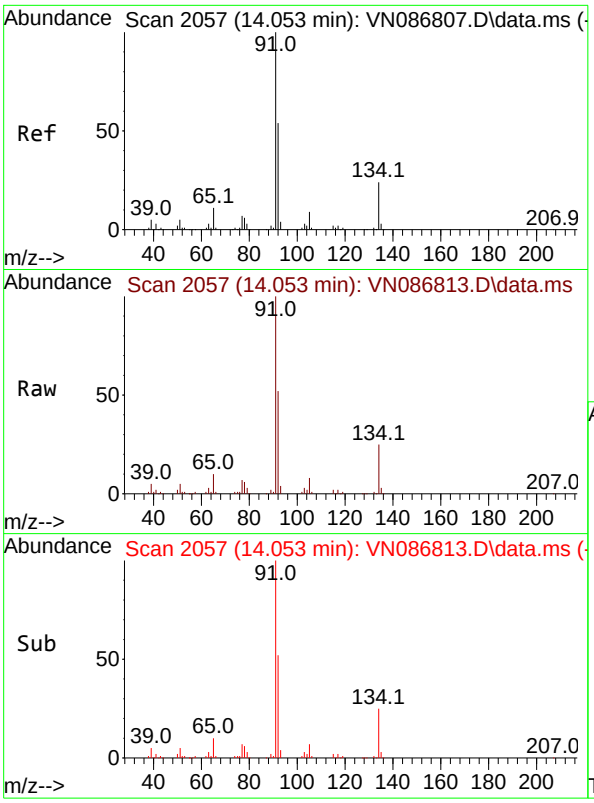


#84
1,4-Dichlorobenzene
Concen: 19.100 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:146 Resp: 95900

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.4
148	62.9	31.9	95.5

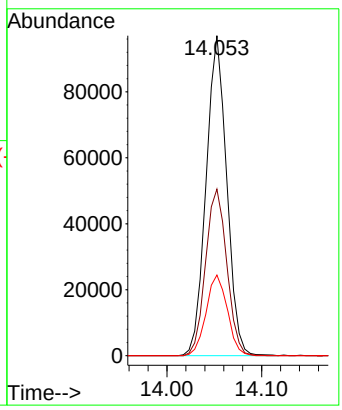




#85
n-Butylbenzene
Concen: 19.208 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 91 Resp: 14639

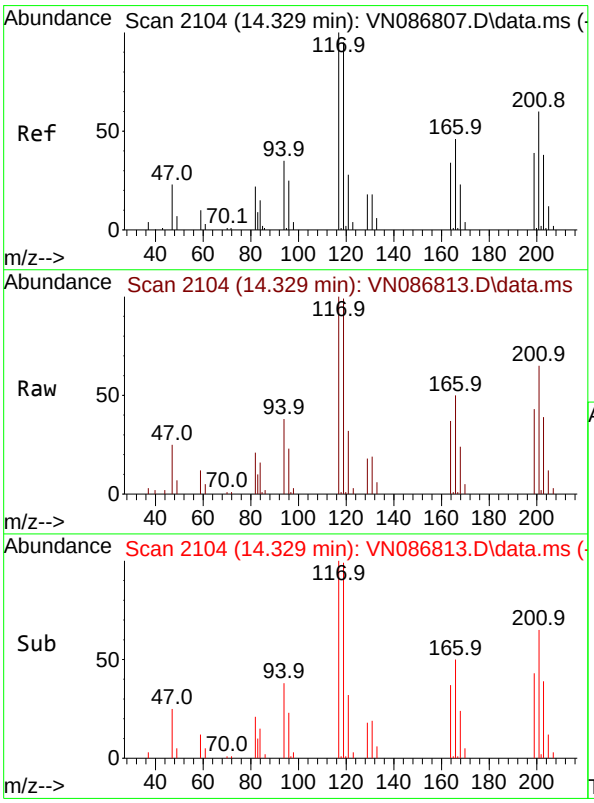
Ion	Ratio	Lower	Upper
91	100		
92	53.6	0.0	107.6
134	26.0	0.0	50.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

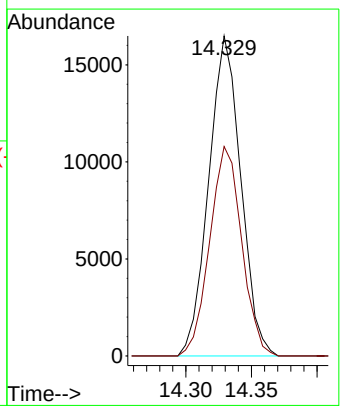
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

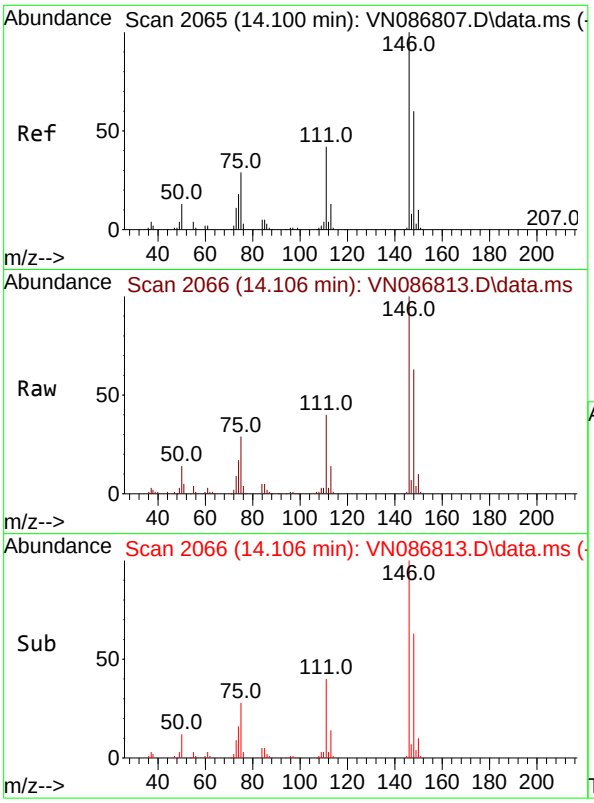


#86
Hexachloroethane
Concen: 18.079 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:117 Resp: 28052

Ion	Ratio	Lower	Upper
117	100		
201	65.2	31.4	94.3

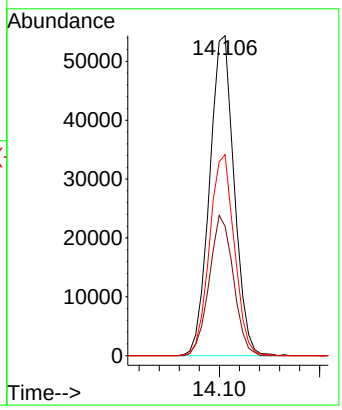




#87
1,2-Dichlorobenzene
Concen: 19.038 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:146 Resp: 9265

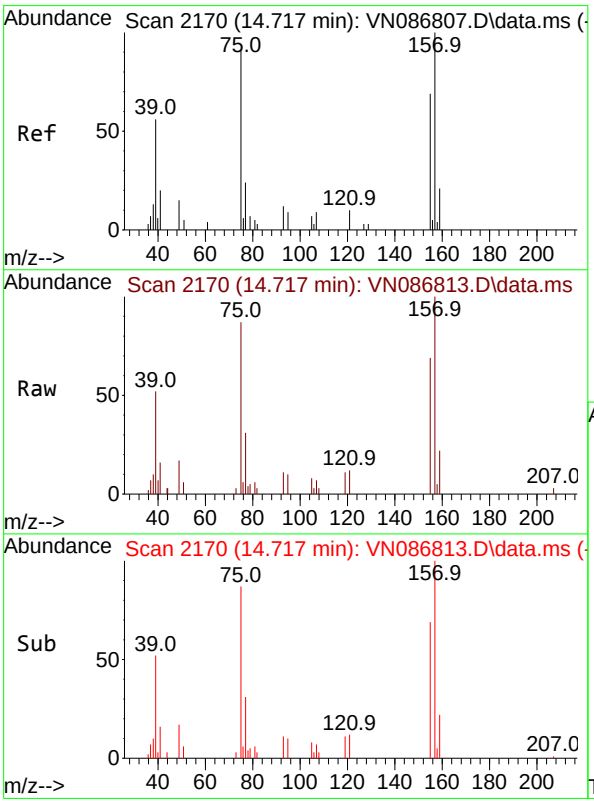
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.8
148	63.6	31.6	94.7



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
APPROVED

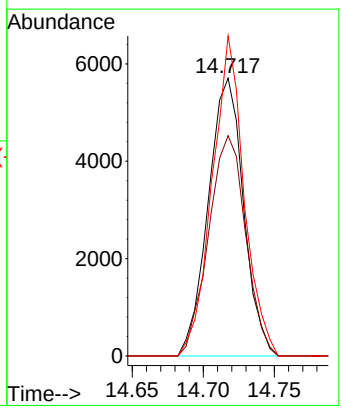
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

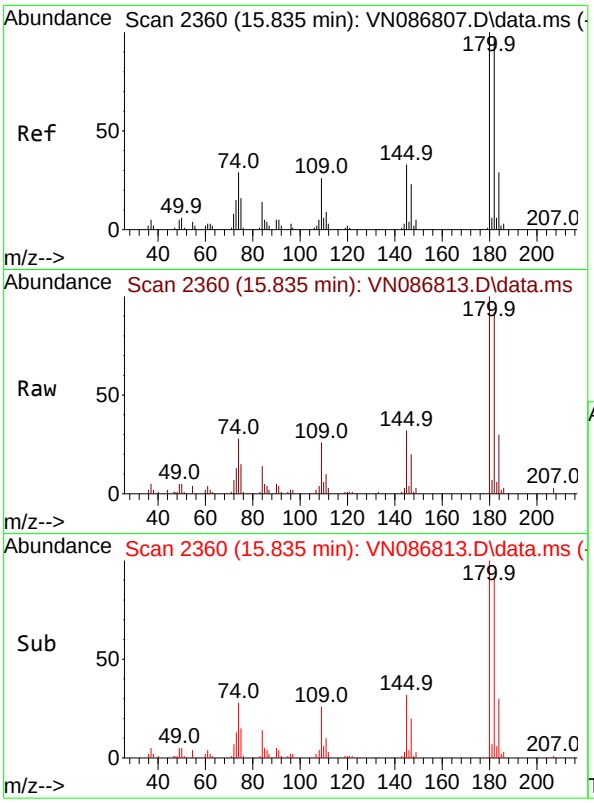


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.748 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion: 75 Resp: 9832

Ion	Ratio	Lower	Upper
75	100		
155	83.3	62.9	94.3
157	104.2	84.0	126.0





#89
1,2,4-Trichlorobenzene
Concen: 19.612 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

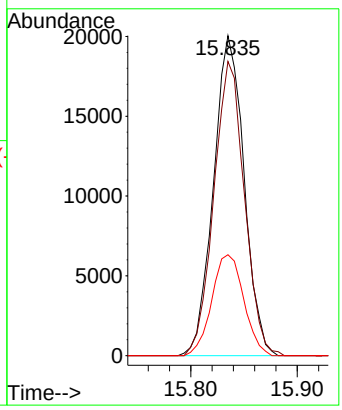
Tgt Ion:180 Resp: 3994

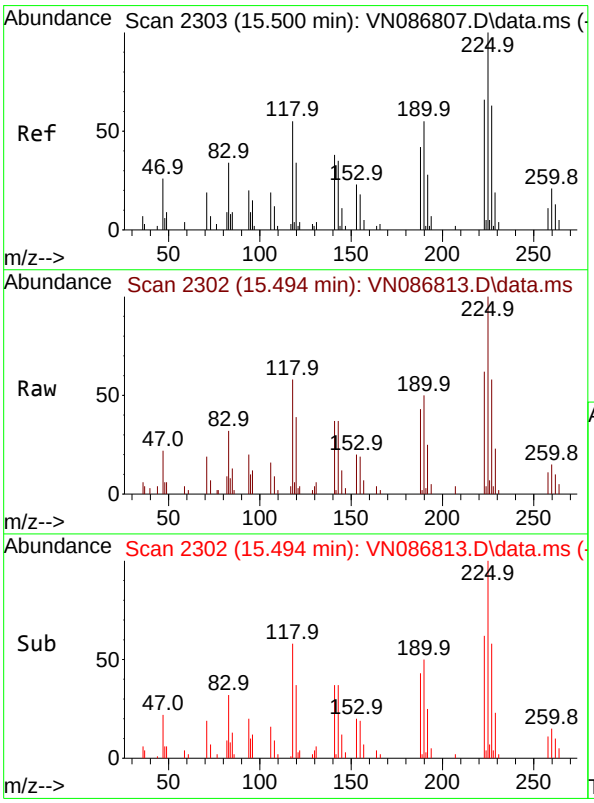
Ion	Ratio	Lower	Upper
180	100		
182	91.8	78.2	117.2
145	33.0	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

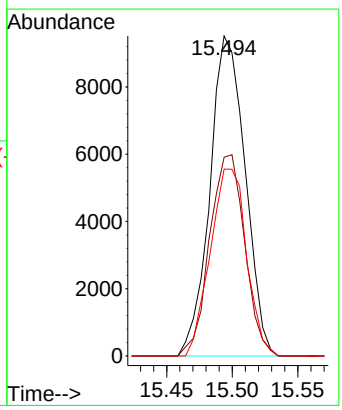


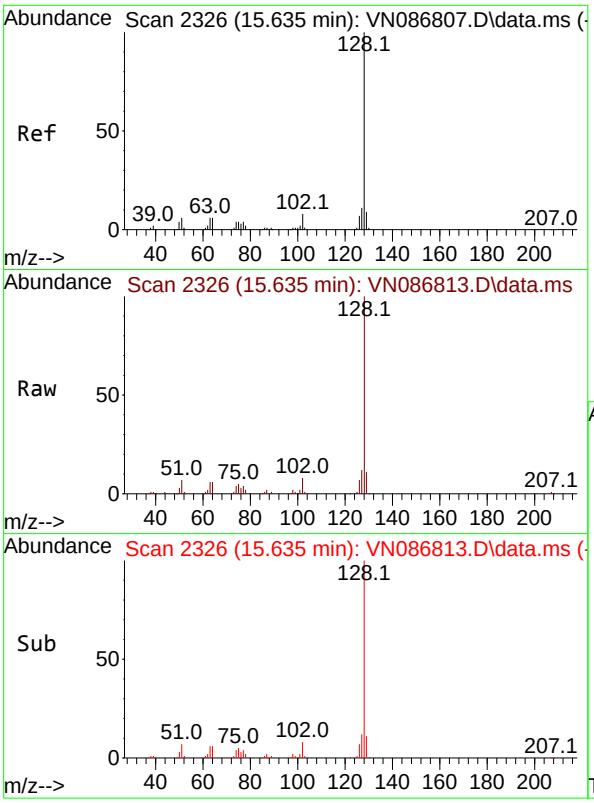


#90
Hexachlorobutadiene
Concen: 20.403 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:225 Resp: 17812

Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	135.8
227	59.9	0.0	125.0

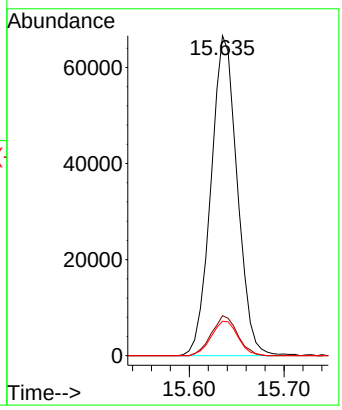




#91
Naphthalene
Concen: 18.058 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:128 Resp: 12833

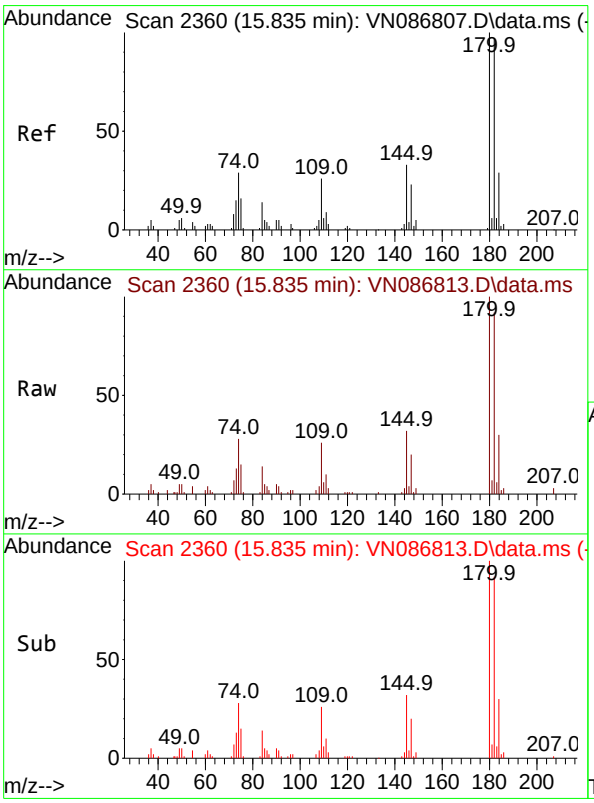
Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.6
129	11.0	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0529WBS01

Manual Integrations
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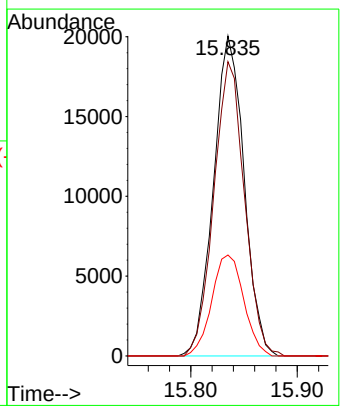
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.612 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086813.D
Acq: 29 May 2025 14:04

Tgt Ion:180 Resp: 39947

Ion	Ratio	Lower	Upper
180	100		
182	91.8	0.0	195.4
145	33.0	0.0	70.0



Raw Data: **VN086820.D**

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-001MS	SDG No.:	Q2098
Lab Sample ID:	Q2098-02MS	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086820.D	1		05/29/25 17:25	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	27.8		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	29.0		1.00	5.00	ug/L
67-64-1	Acetone	410		4.60	25.0	ug/L
75-09-2	Methylene Chloride	30.0		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	32.9		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.1		91 - 110	104%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.0		63 - 112	100%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	28700	7.812			
540-36-3	1,4-Difluorobenzene	167000	9.1			
3114-55-4	Chlorobenzene-d5	145000	11.859			

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\VN052925\
Data File : VN086820.D
Acq On : 29 May 2025 17:25
Operator : JC\MD
Sample : Q2098-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 30 02:45:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	28709	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167048	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	144677	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61255	31.054	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.500%			
60) 4-Bromofluorobenzene	12.841	95	68107	29.984	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.933%			
63) Toluene-d8	10.565	98	200398	30.178	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50160	25.725	ug/l	98
3) Chloromethane	2.365	50	106242	42.260	ug/l	98
4) Vinyl Chloride	2.512	62	58401	25.243	ug/l	98
5) Bromomethane	2.965	94	26070	21.267	ug/l	98
6) Chloroethane	3.124	64	50404m	35.620	ug/l	
7) Trichlorofluoromethane	3.501	101	68782	25.383	ug/l	97
8) Diethyl Ether	3.959	74	29299	25.921	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	44167	26.596	ug/l	99
10) 1,1-Dichloroethene	4.342	96	44351	26.196	ug/l	96
11) Methyl Iodide	4.589	142	46584	23.341	ug/l	97
12) Methyl Acetate	5.024	43	55410	29.469	ug/l	95
13) Acrolein	4.177	56	35936	185.007	ug/l	98
14) Acrylonitrile	5.718	53	115923	132.486	ug/l	98
15) Acetone	4.424	58	90973	410.638	ug/l	83
16) Carbon Disulfide	4.718	76	128408	25.982	ug/l	99
17) Allyl chloride	5.024	41	68414	27.200	ug/l	96
18) Methylene Chloride	5.277	84	59069	30.042	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	46113	26.026	ug/l	97
20) Diisopropyl ether	6.665	45	153311	27.676	ug/l	97
21) 1,1-Dichloroethane	6.559	63	87706	26.235	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	56717	26.433	ug/l	97
23) tert-Butyl Alcohol	5.506	59	41857	148.967	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	154017	27.602	ug/l	99
25) Chloroform	7.965	83	181817	55.566	ug/l	98
26) Cyclohexane	8.253	56	79504	27.478	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	63485	25.848	ug/l	99
30) 2-Butanone	7.483	43	152335	141.557	ug/l	100
31) 2,2-Dichloropropane	7.489	77	76690	26.452	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	74894	26.305	ug/l	99
33) Carbon Tetrachloride	8.359	117	61394	25.226	ug/l	98
34) Benzene	8.606	78	205839	25.758	ug/l	99
35) Methacrylonitrile	7.777	41	37229	30.116	ug/l	98
36) 1,2-Dichloroethane	8.665	62	62478	26.680	ug/l	99
37) Trichloroethene	9.347	130	46608	21.026	ug/l	99
38) Methylcyclohexane	9.594	83	72905	26.753	ug/l	99
39) 1,2-Dichloropropane	9.618	63	50184	26.084	ug/l	99
40) Dibromomethane	9.706	93	32741	26.019	ug/l	99
41) Bromodichloromethane	9.882	83	85248	32.364	ug/l	96
42) Vinyl Acetate	6.600	43	582133	185.580	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086820.D
Acq On : 29 May 2025 17:25
Operator : JC\MD
Sample : Q2098-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 30 02:45:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.553	43	61213m	27.798	ug/l		
44) Isopropyl Acetate	8.683	43	109580	29.009	ug/l		97
45) 1,4-Dioxane	9.688	88	18697	556.879	ug/l		95
46) Methyl methacrylate	9.677	41	51645	29.651	ug/l		98
47) n-amyl Acetate	12.488	43	99761	32.897	ug/l		95
48) t-1,3-Dichloropropene	10.835	75	76379	27.097	ug/l		100
49) cis-1,3-Dichloropropene	10.306	75	81335	26.234	ug/l		95
50) 1,1,2-Trichloroethane	11.012	97	47138	26.597	ug/l		96
51) Ethyl methacrylate	10.871	69	79123	27.566	ug/l		98
52) 1,3-Dichloropropane	11.159	76	80508	25.597	ug/l		100
53) Dibromochloromethane	11.353	129	55204	27.564	ug/l		97
54) 1,2-Dibromoethane	11.465	107	46957	25.920	ug/l		100
56) Bromoform	12.576	173	34008	26.950	ug/l		97
58) 4-Methyl-2-Pentanone	10.441	43	321064	151.239	ug/l		97
59) 2-Hexanone	11.194	43	225103	148.032	ug/l		97
61) Tetrachloroethene	11.100	164	37742	15.519	ug/l		92
62) Toluene	10.624	91	215197	26.410	ug/l		100
64) Chlorobenzene	11.888	112	132747	25.546	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.959	131	44547	26.095	ug/l		99
66) Ethyl Benzene	11.959	91	234054	26.557	ug/l		98
67) m/p-Xylenes	12.065	106	179155	51.802	ug/l		99
68) o-Xylene	12.394	106	87299	26.046	ug/l		97
69) Styrene	12.406	104	146193	26.180	ug/l		99
70) Isopropylbenzene	12.688	105	213010	26.720	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.935	83	67595	35.663	ug/l		98
72) 1,2,3-Trichloropropane	12.988	75	58974m	26.549	ug/l		
73) Bromobenzene	12.976	156	49414	24.938	ug/l		96
74) n-propylbenzene	13.029	91	244125	25.853	ug/l		99
75) 2-Chlorotoluene	13.123	91	152757	25.204	ug/l		99
76) 1,3,5-Trimethylbenzene	13.171	105	169147	25.505	ug/l		99
77) t-1,4-Dichloro-2-butene	12.735	75	27280	30.009	ug/l		93
78) 4-Chlorotoluene	13.218	91	150627	25.089	ug/l		99
79) tert-butylbenzene	13.435	119	145238	25.330	ug/l		100
80) 1,2,4-Trimethylbenzene	13.476	105	174468	26.209	ug/l		97
81) sec-Butylbenzene	13.612	105	198749	25.443	ug/l		100
82) p-Isopropyltoluene	13.723	119	167833	25.588	ug/l		98
83) 1,3-Dichlorobenzene	13.729	146	86482	23.791	ug/l		99
84) 1,4-Dichlorobenzene	13.806	146	87180	24.100	ug/l		100
85) n-Butylbenzene	14.053	91	176426	32.129	ug/l		89
86) Hexachloroethane	14.329	117	29785	26.644	ug/l		99
87) 1,2-Dichlorobenzene	14.106	146	86883	24.778	ug/l		99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	13390	33.548	ug/l	#	87
89) 1,2,4-Trichlorobenzene	15.835	180	44943	30.626	ug/l		96
90) Hexachlorobutadiene	15.500	225	16342	25.982	ug/l		97
91) Naphthalene	15.635	128	168013	32.814	ug/l		99
92) 1,2,3-Trichlorobenzene	15.835	180	44943	30.626	ug/l		96

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

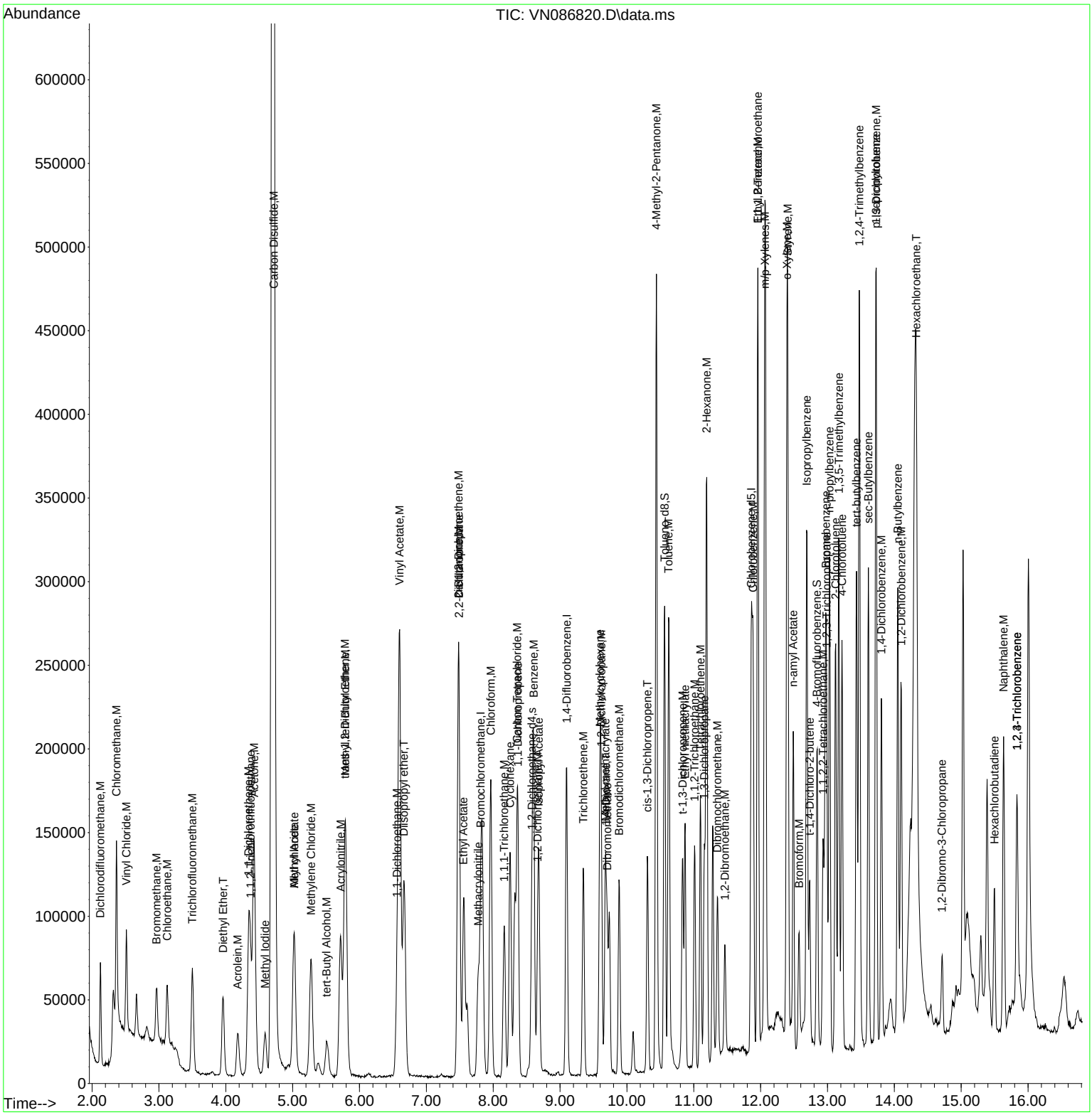
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Data File : VN086820.D
Acq On : 29 May 2025 17:25
Operator : JC\MD
Sample : Q2098-02MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

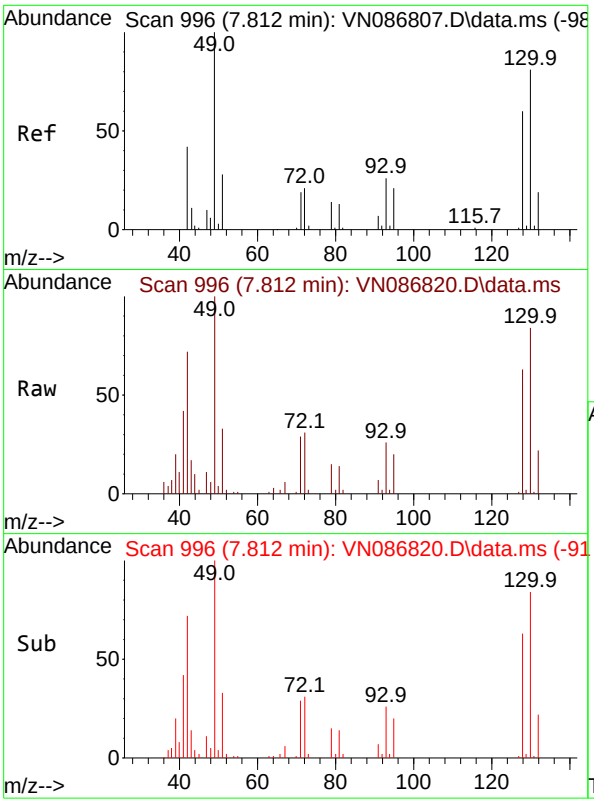
Quant Time: May 30 02:45:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

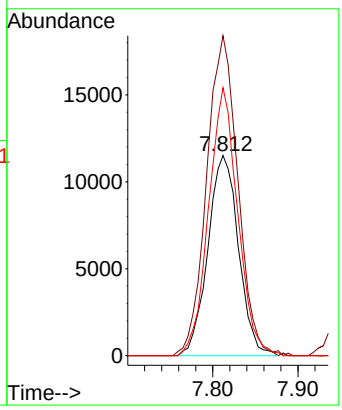




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:128 Resp: 2870

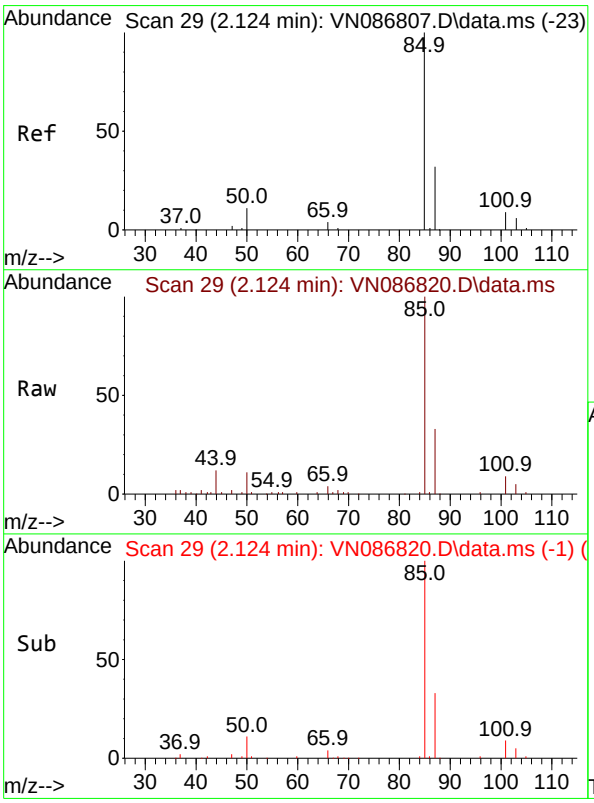
Ion	Ratio	Lower	Upper
128	100		
49	162.5	0.0	404.5
130	127.6	0.0	322.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

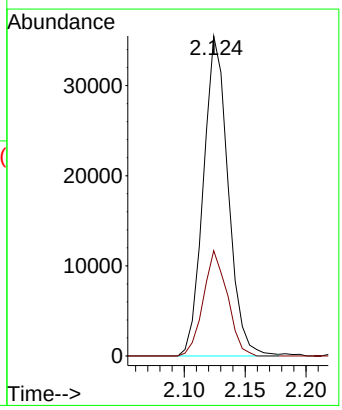
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

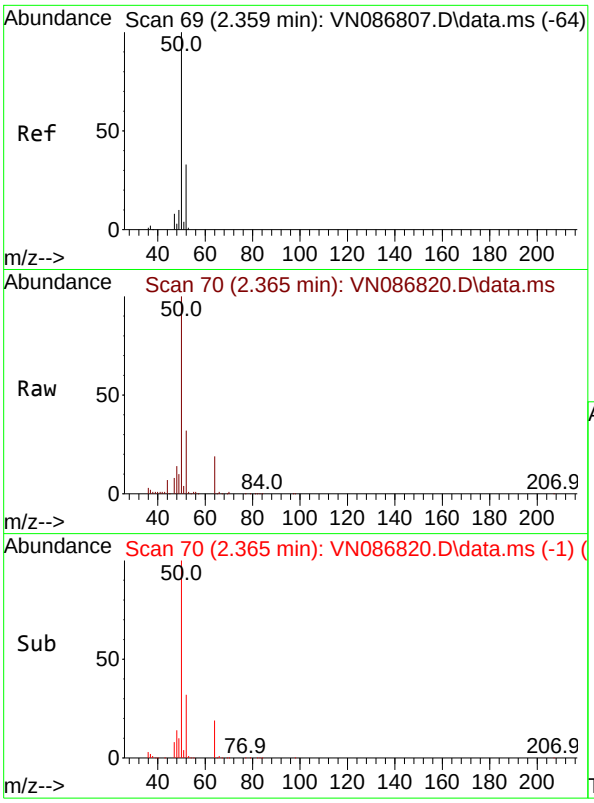


#2
Dichlorodifluoromethane
Concen: 25.725 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 85 Resp: 50160

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.9	47.7

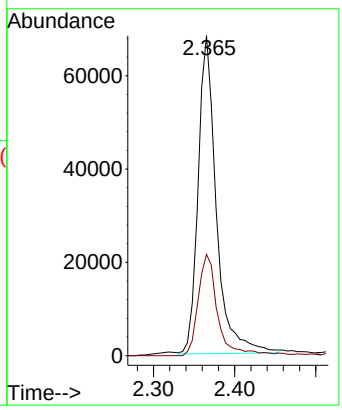




#3
Chloromethane
Concen: 42.260 ug/l
RT: 2.365 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 50 Resp: 10624

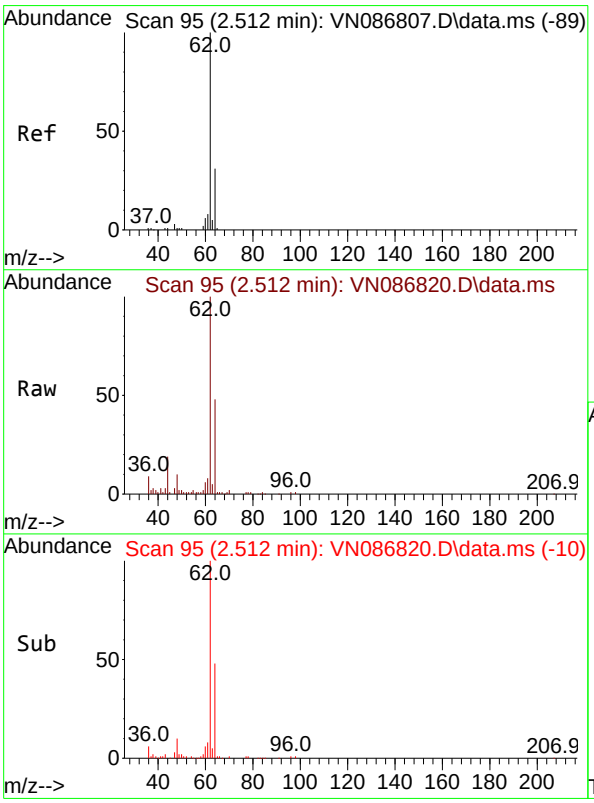
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

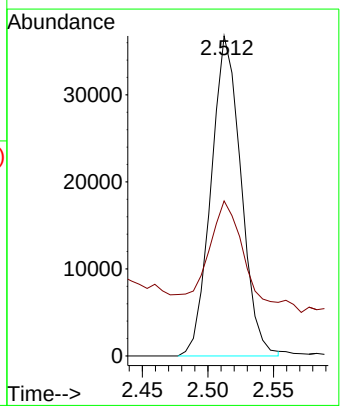
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

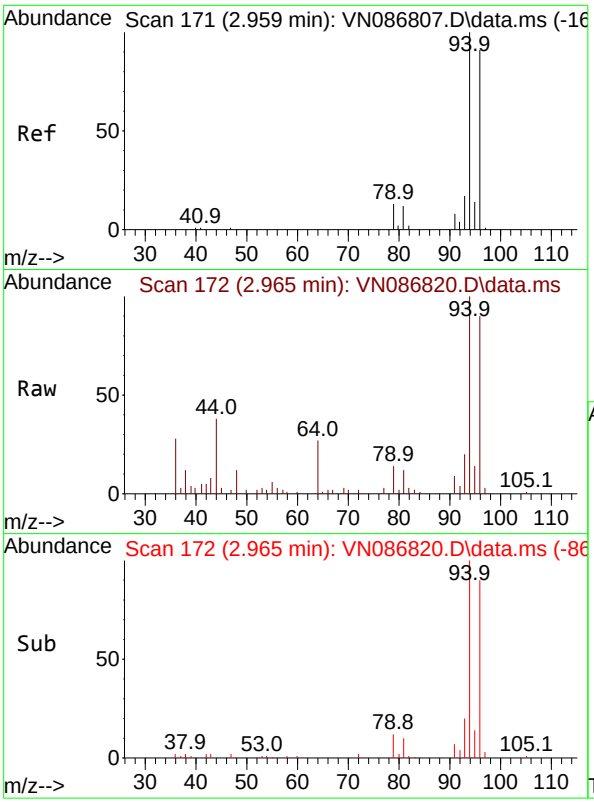


#4
Vinyl Chloride
Concen: 25.243 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 62 Resp: 58401

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.6	36.8

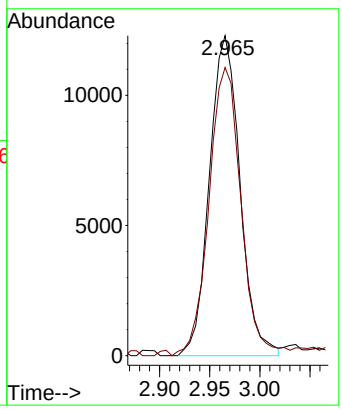




#5
Bromomethane
Concen: 21.267 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 94 Resp: 2607

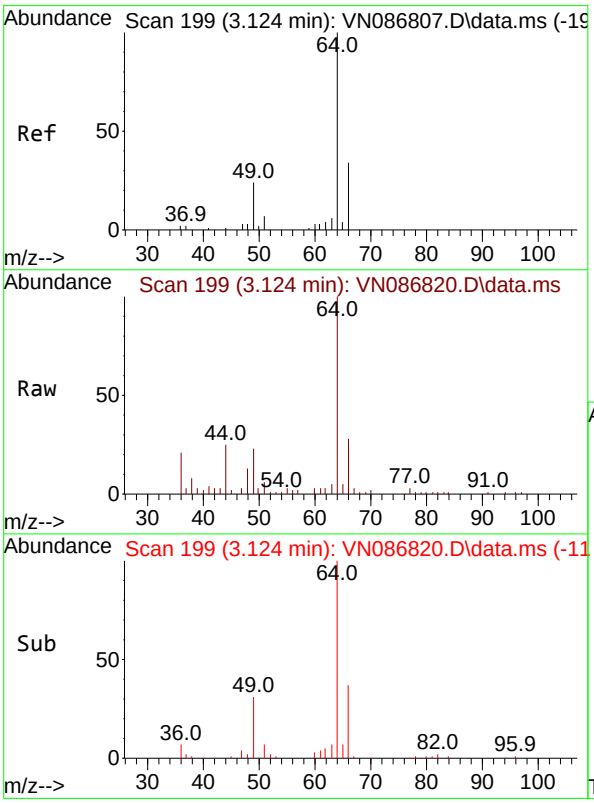
Ion	Ratio	Lower	Upper
94	100		
96	88.7	72.7	109.1



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

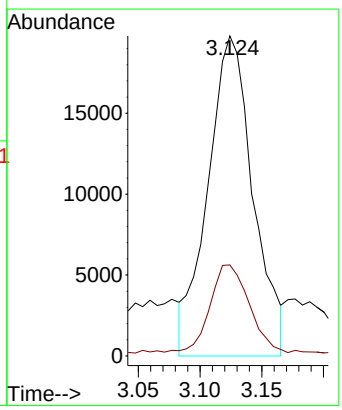
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

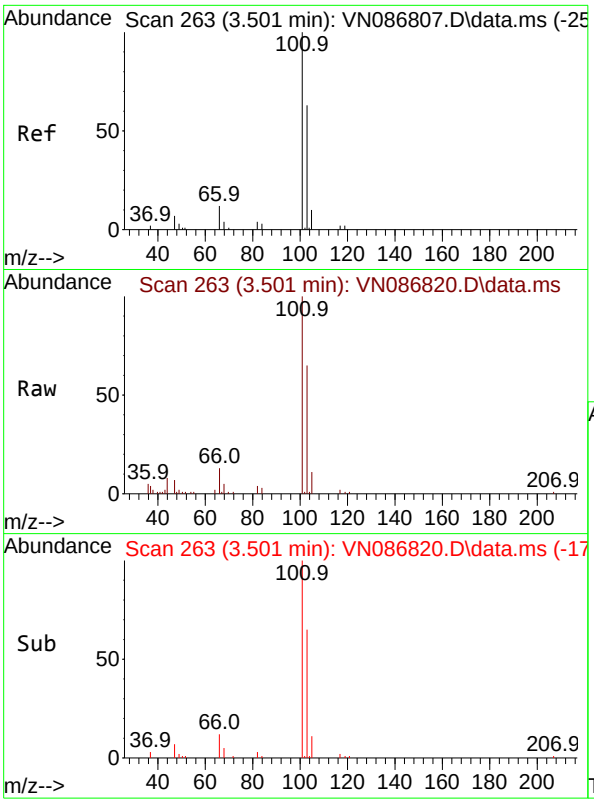


#6
Chloroethane
Concen: 35.620 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 64 Resp: 50404

Ion	Ratio	Lower	Upper
64	100		
66	28.5	27.5	41.3





#7
Trichlorofluoromethane
Concen: 25.383 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

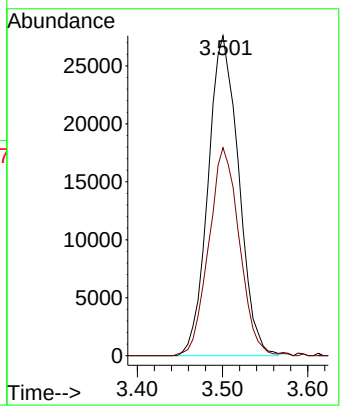
Tgt Ion:101 Resp: 6878

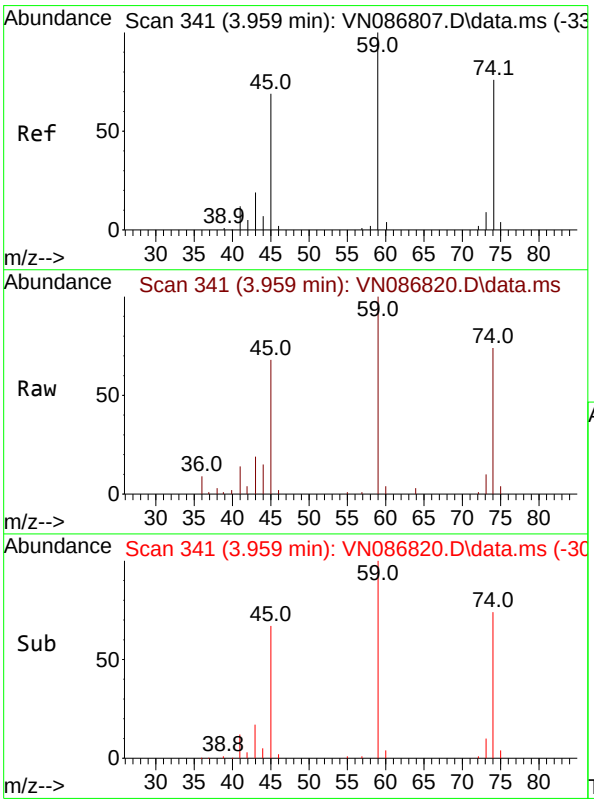
Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

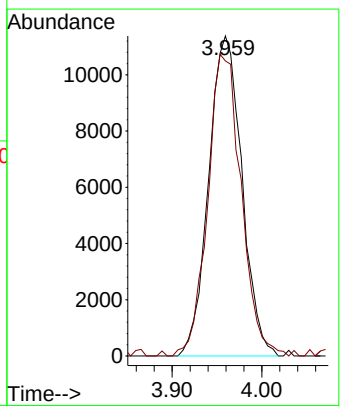


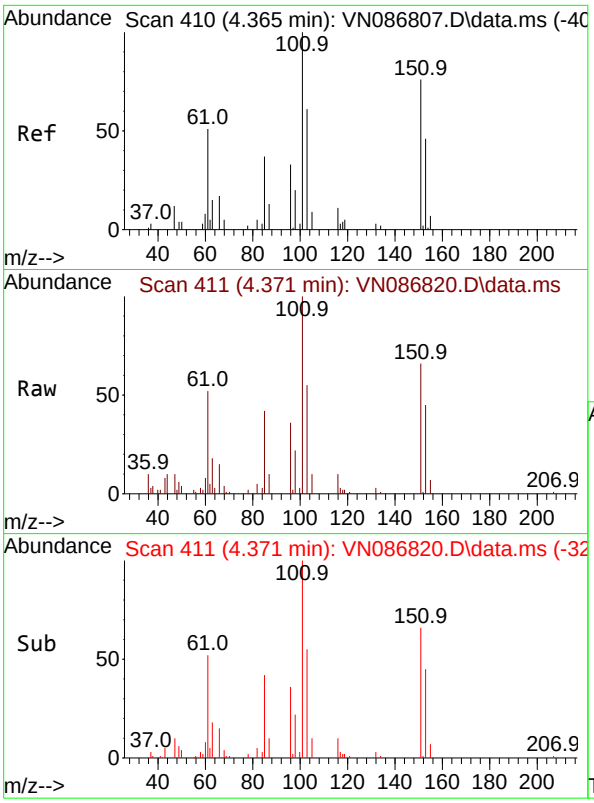


#8
Diethyl Ether
Concen: 25.921 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 74 Resp: 29299

Ion	Ratio	Lower	Upper
74	100		
45	94.7	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.596 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

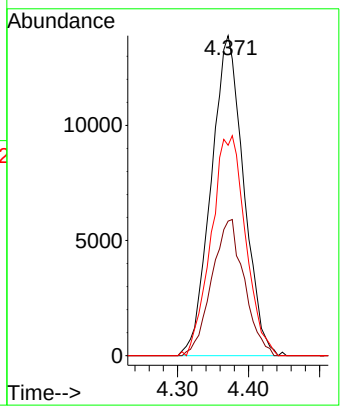
Tgt Ion:101 Resp: 4416

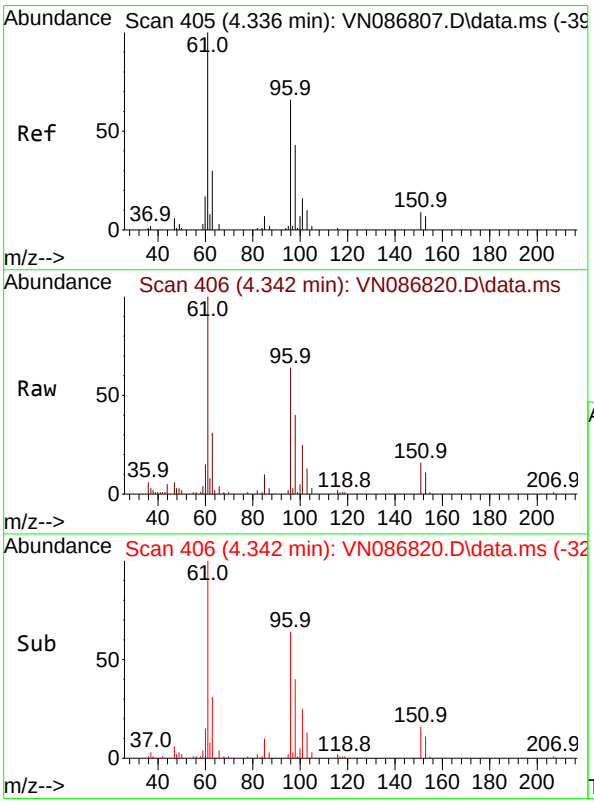
Ion	Ratio	Lower	Upper
101	100		
85	42.5	0.0	83.2
151	72.5	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

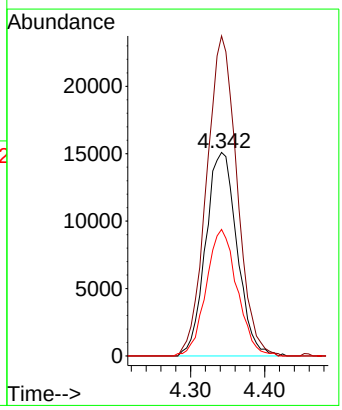


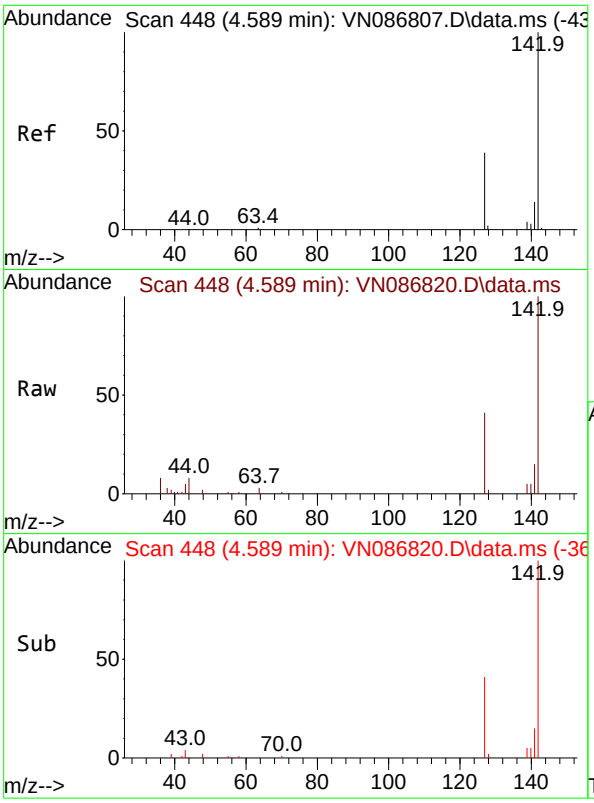


#10
1,1-Dichloroethene
Concen: 26.196 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 96 Resp: 44351

Ion	Ratio	Lower	Upper
96	100		
61	157.3	121.7	182.5
98	62.2	51.9	77.9

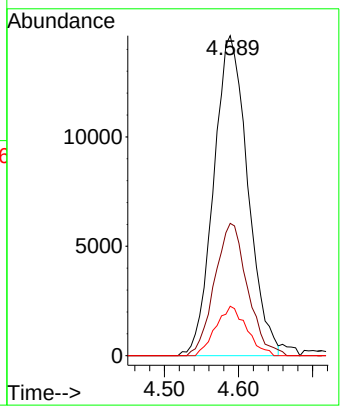




#11
Methyl Iodide
Concen: 23.341 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:142 Resp: 4658

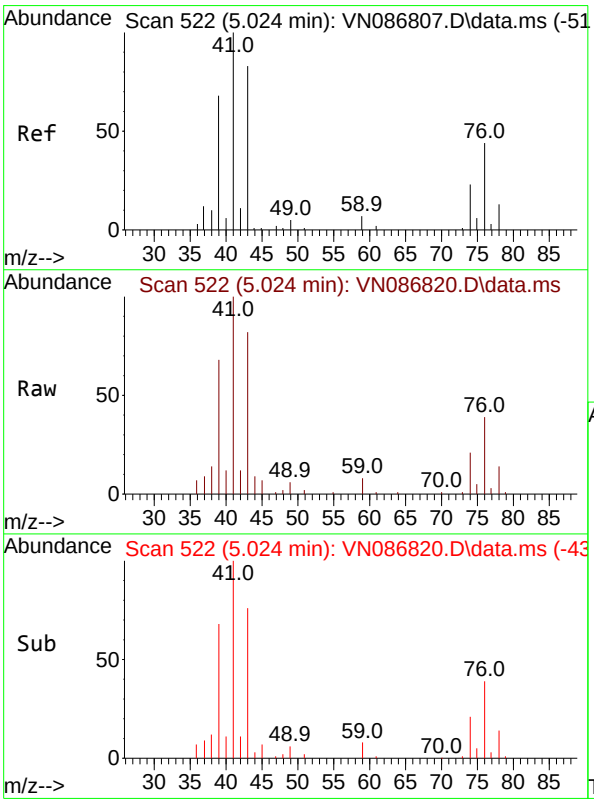
Ion	Ratio	Lower	Upper
142	100		
127	41.1	19.5	58.5
141	15.7	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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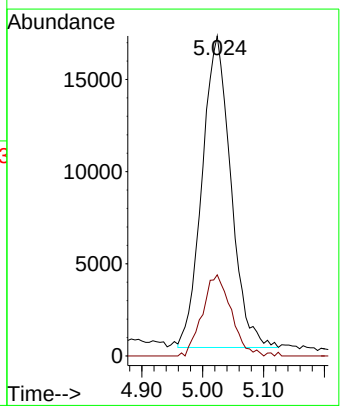
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

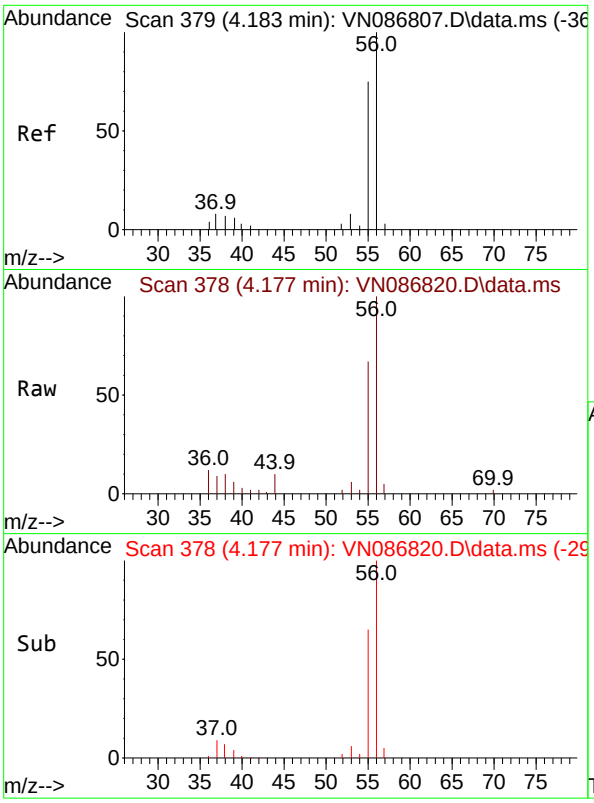


#12
Methyl Acetate
Concen: 29.469 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 55410

Ion	Ratio	Lower	Upper
43	100		
74	25.6	22.7	34.1





#13
Acrolein
Concen: 185.007 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

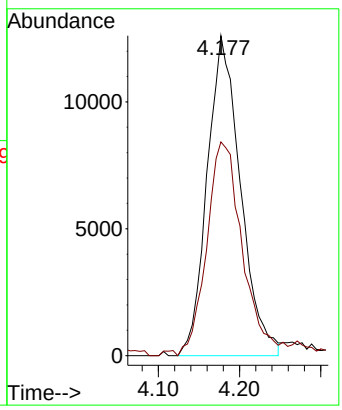
Tgt Ion: 56 Resp: 3593

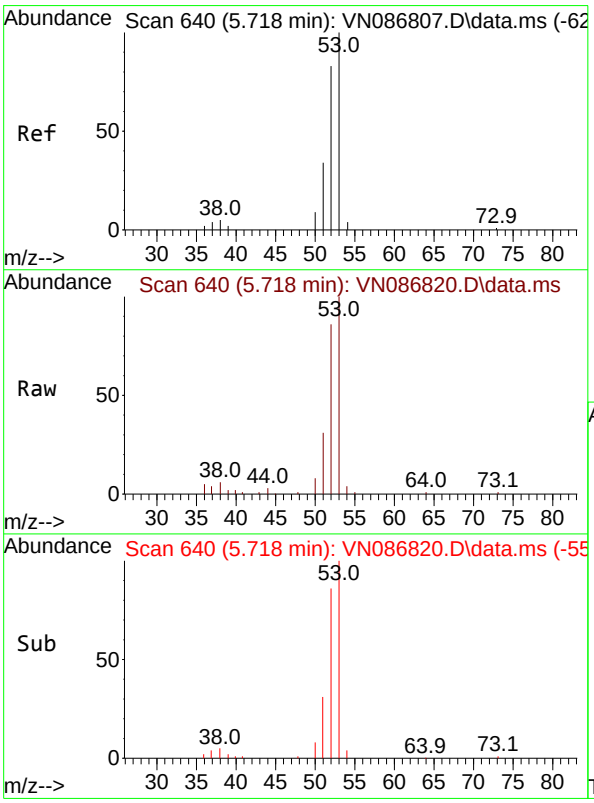
Ion	Ratio	Lower	Upper
56	100		
55	71.7	55.9	83.9

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

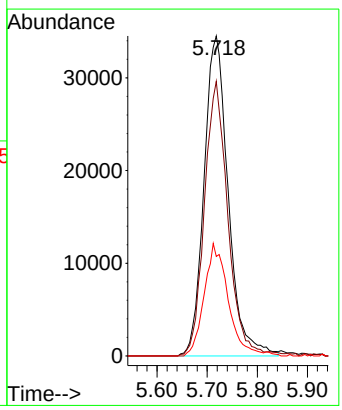


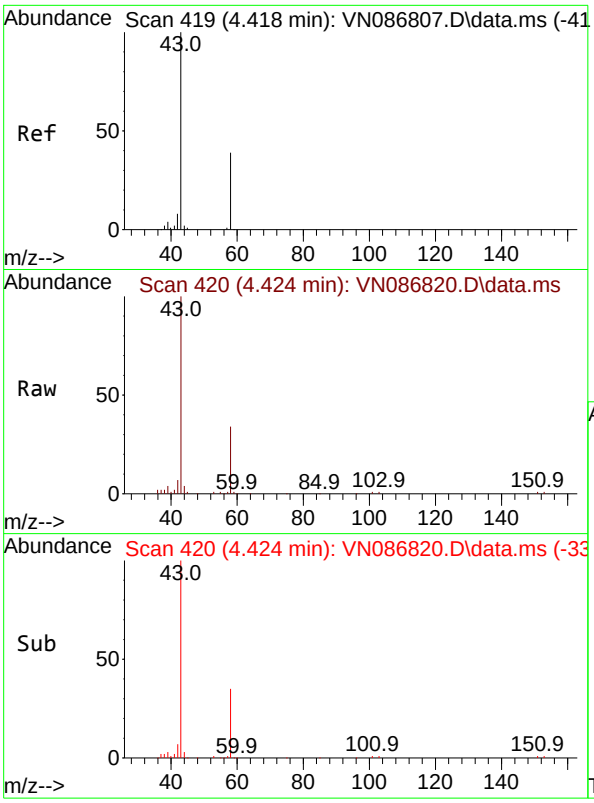


#14
Acrylonitrile
Concen: 132.486 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 53 Resp: 115923

Ion	Ratio	Lower	Upper
53	100		
52	82.3	40.0	119.9
51	34.6	17.5	52.6

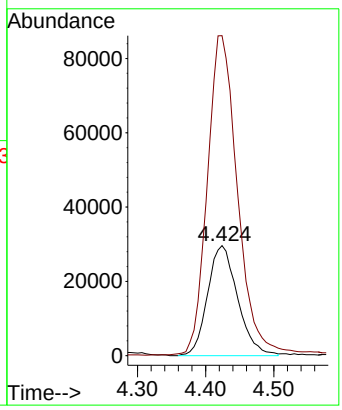




#15
Acetone
Concen: 410.638 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 58 Resp: 9097

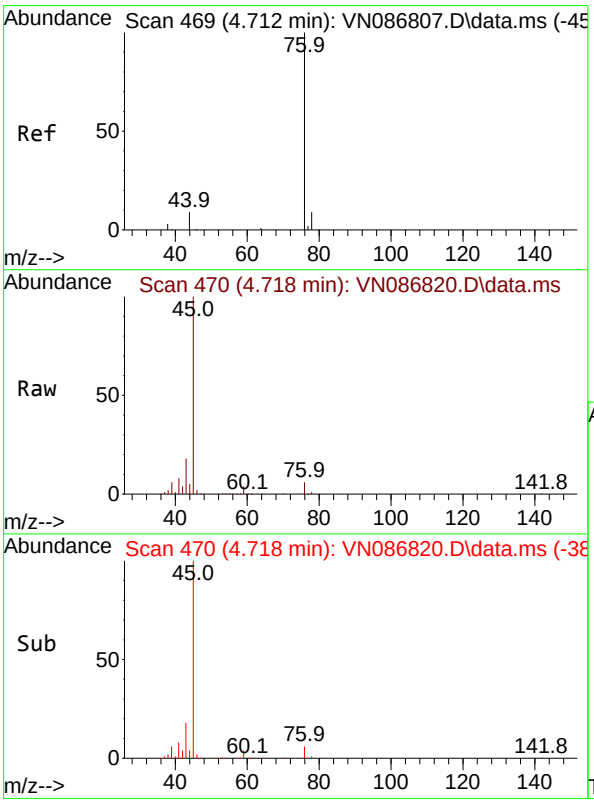
Ion	Ratio	Lower	Upper
58	100		
43	289.1	207.7	311.5



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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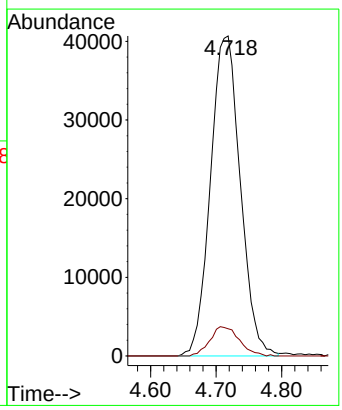
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

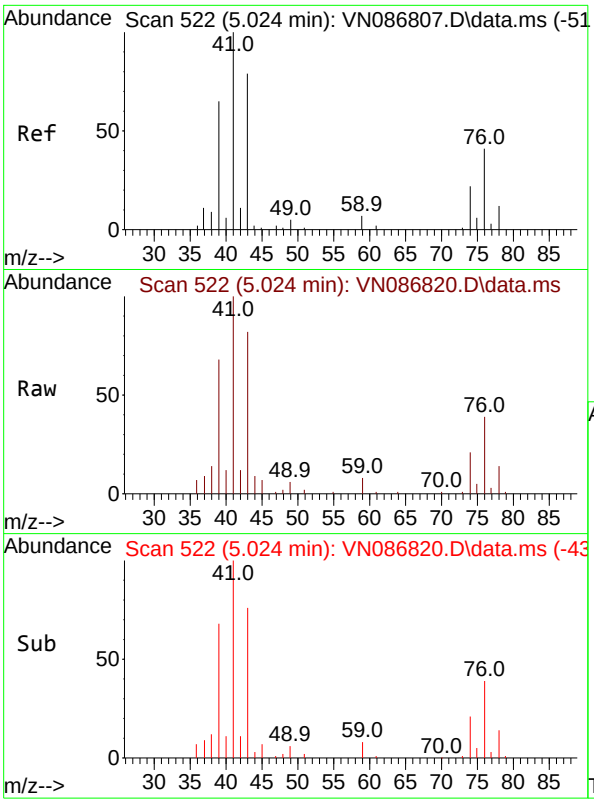


#16
Carbon Disulfide
Concen: 25.982 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 76 Resp: 128408

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

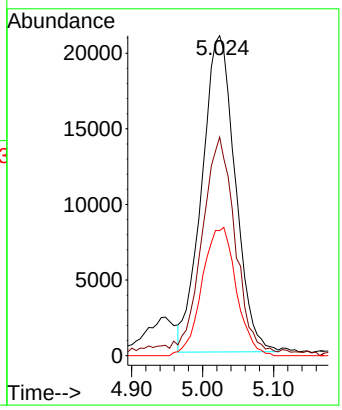




#17
Allyl chloride
Concen: 27.200 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 41 Resp: 6841

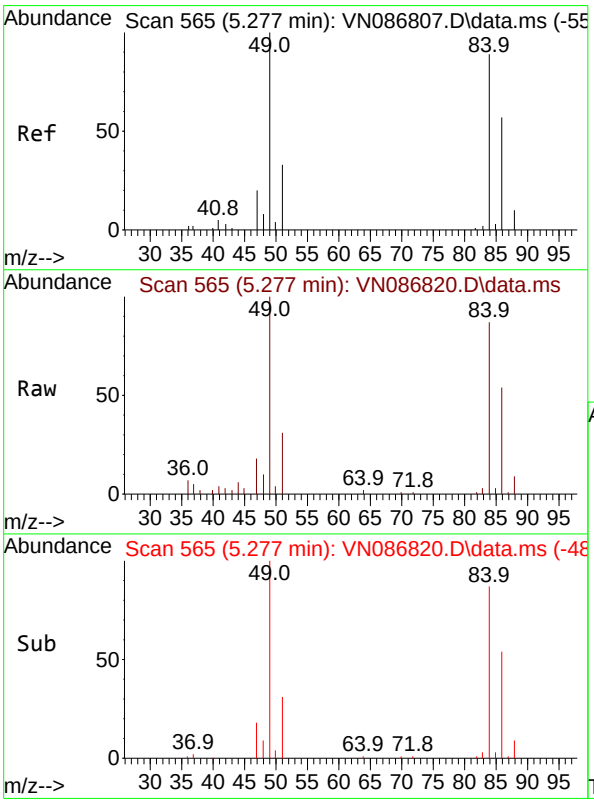
Ion	Ratio	Lower	Upper
41	100		
39	68.3	31.6	94.8
76	39.8	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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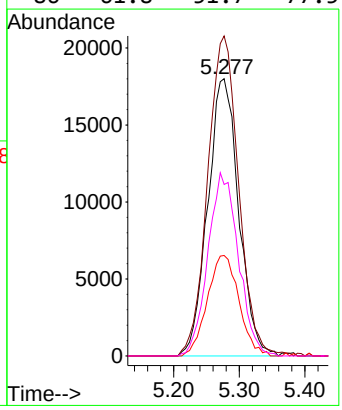
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

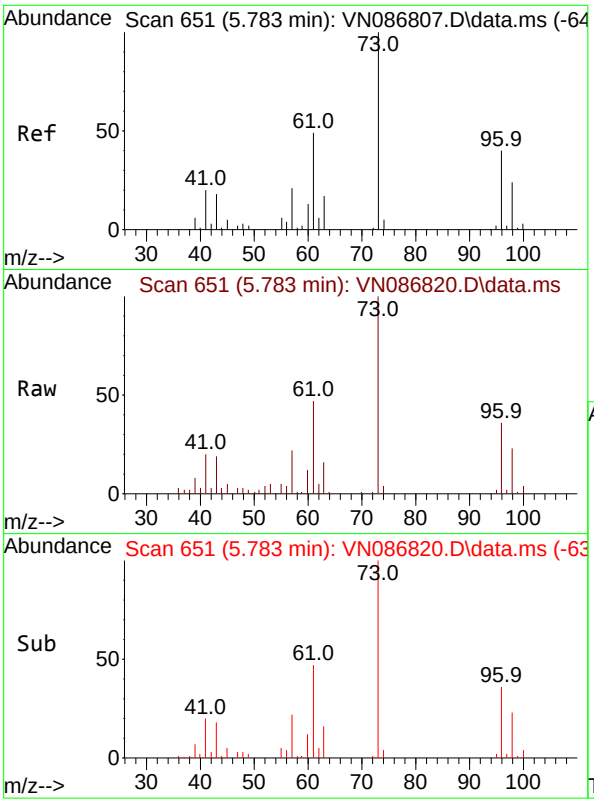


#18
Methylene Chloride
Concen: 30.042 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 84 Resp: 59069

Ion	Ratio	Lower	Upper
84	100		
49	115.4	89.9	134.9
51	36.2	29.6	44.4
86	61.8	51.7	77.5

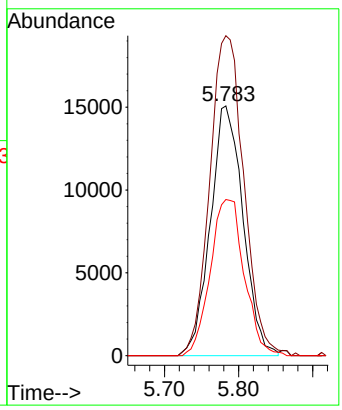




#19
trans-1,2-Dichloroethene
Concen: 26.026 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 96 Resp: 4611

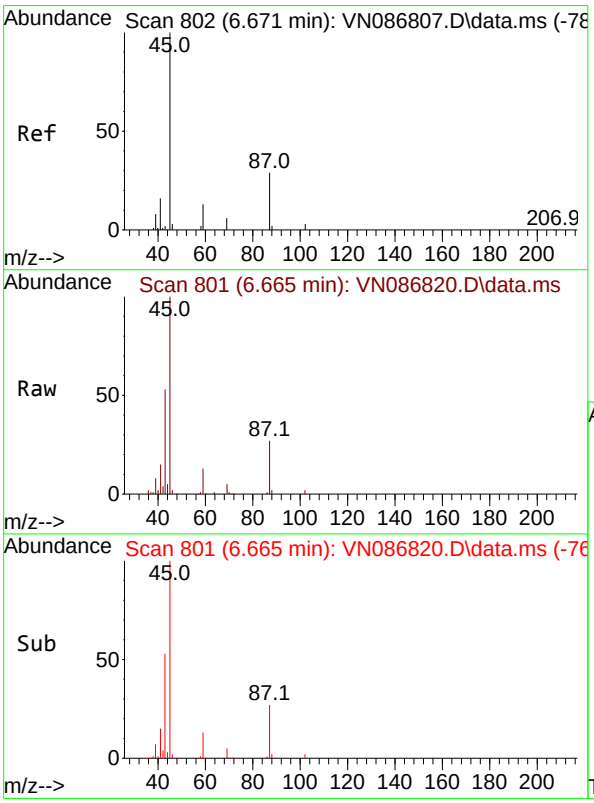
Ion	Ratio	Lower	Upper
96	100		
61	128.1	98.9	148.3
98	62.5	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

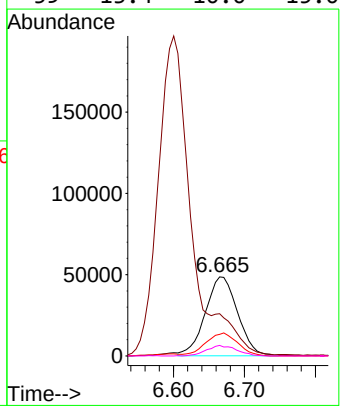
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

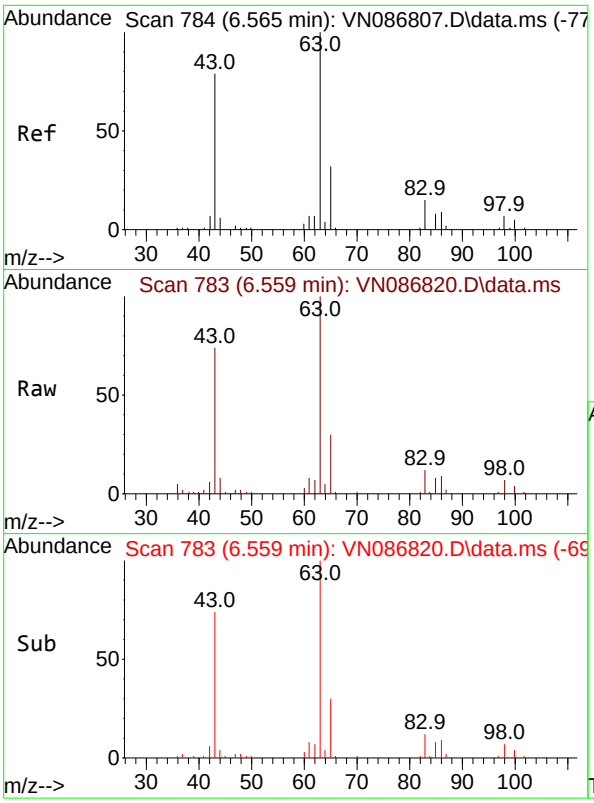


#20
Diisopropyl ether
Concen: 27.676 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 45 Resp: 153311

Ion	Ratio	Lower	Upper
45	100		
43	51.9	40.3	60.5
87	27.5	24.1	36.1
59	13.4	10.0	15.0





#21
1,1-Dichloroethane
Concen: 26.235 ug/l
RT: 6.559 min Scan# 7
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

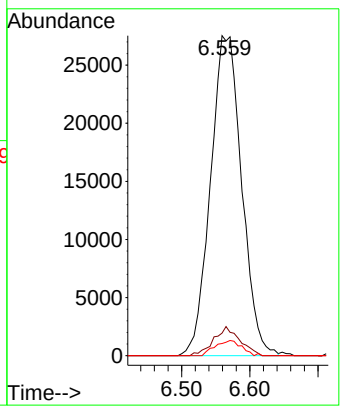
Tgt Ion: 63 Resp: 8770

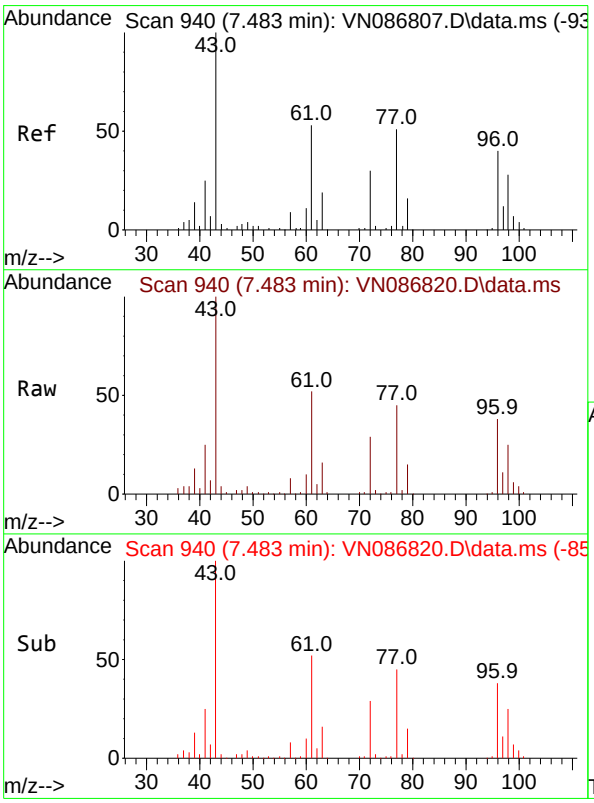
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	3.8	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

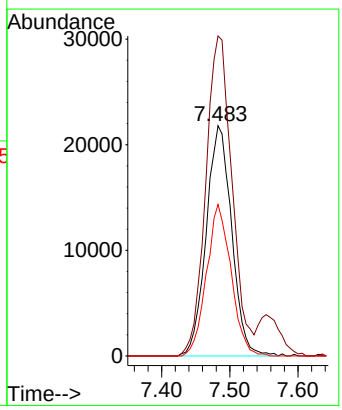


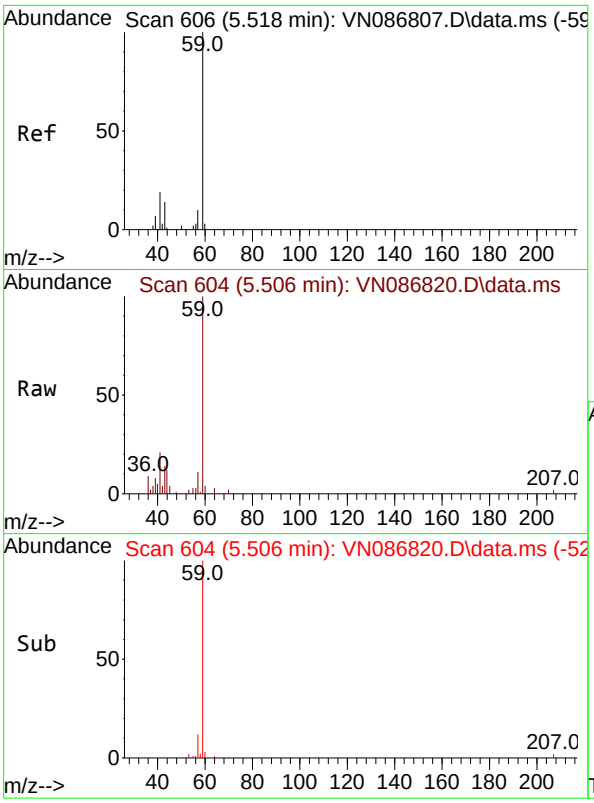


#22
cis-1,2-Dichloroethene
Concen: 26.433 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 96 Resp: 56717

Ion	Ratio	Lower	Upper
96	100		
61	143.3	110.7	166.1
98	63.3	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 148.967 ug/l
RT: 5.506 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

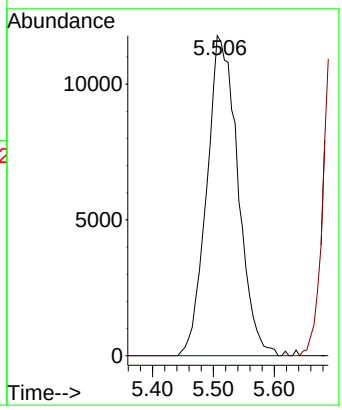
Tgt Ion: 59 Resp: 4185

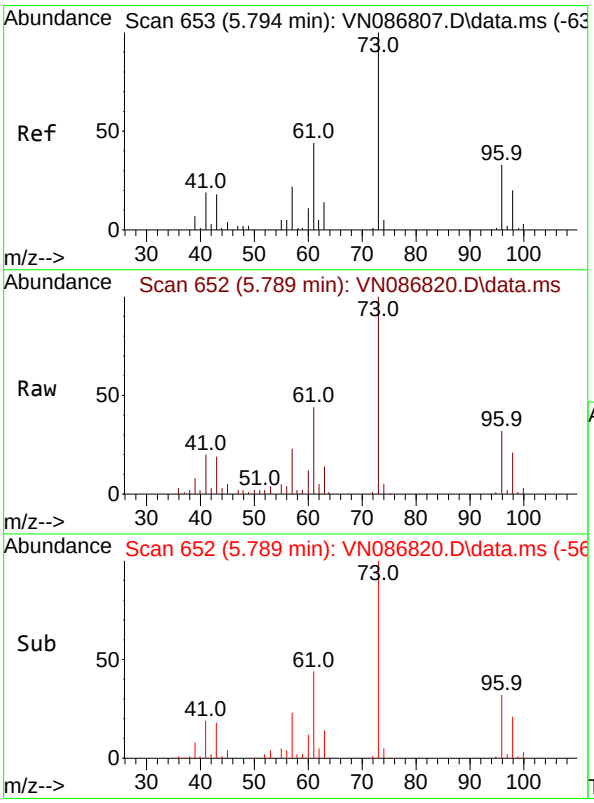
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

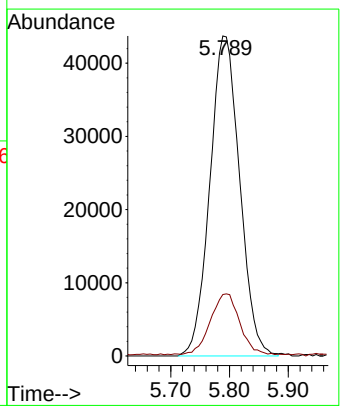


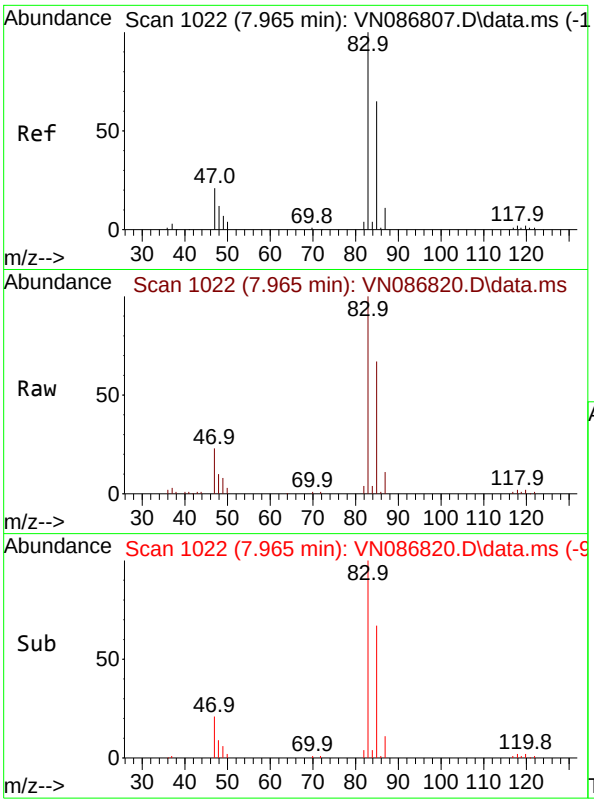


#24
Methyl tert-Butyl Ether
Concen: 27.602 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 73 Resp: 154017

Ion	Ratio	Lower	Upper
73	100		
43	18.7	14.6	22.0





#25
Chloroform
Concen: 55.566 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

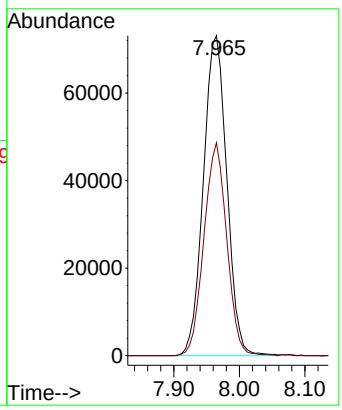
Tgt Ion: 83 Resp: 18181

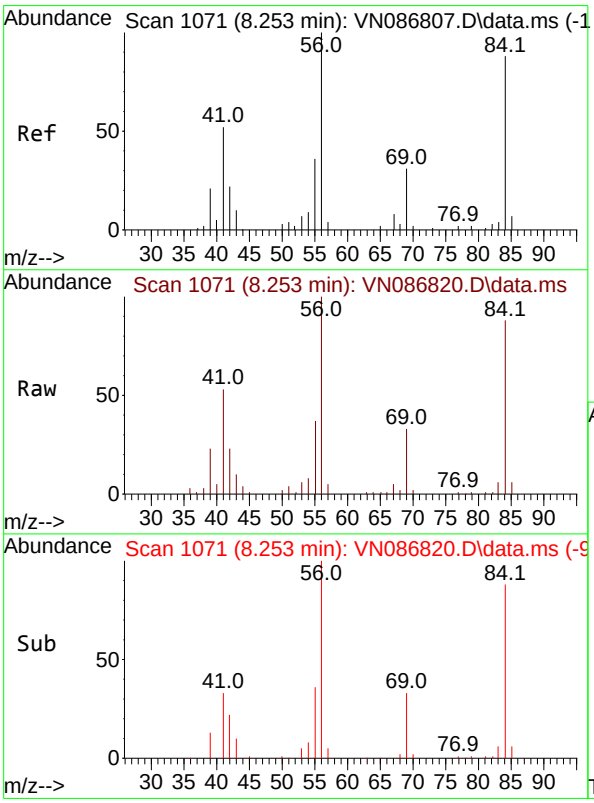
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

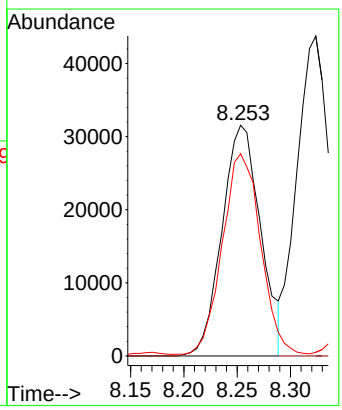


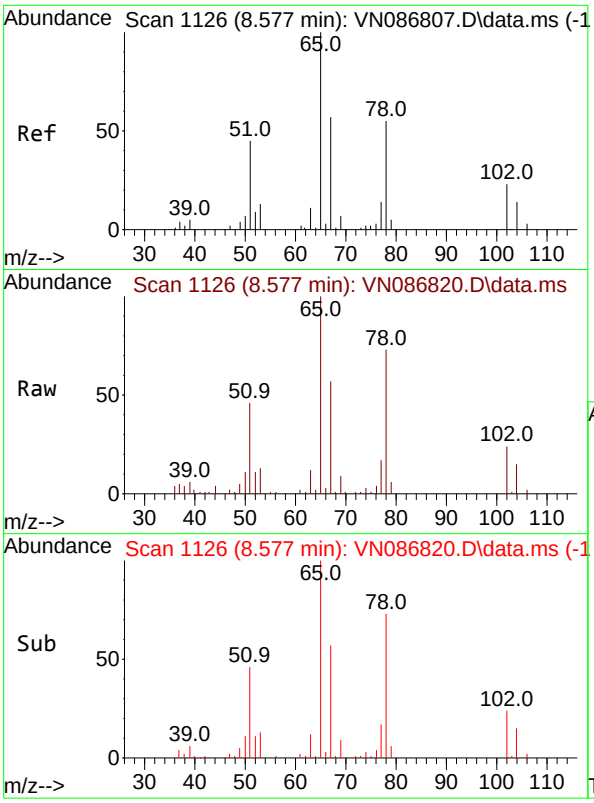


#26
Cyclohexane
Concen: 27.478 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 56 Resp: 79504

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	88.1	70.4	105.6

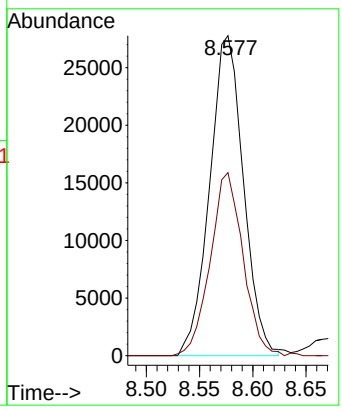




#27
1,2-Dichloroethane-d4
Concen: 31.054 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 65 Resp: 6125

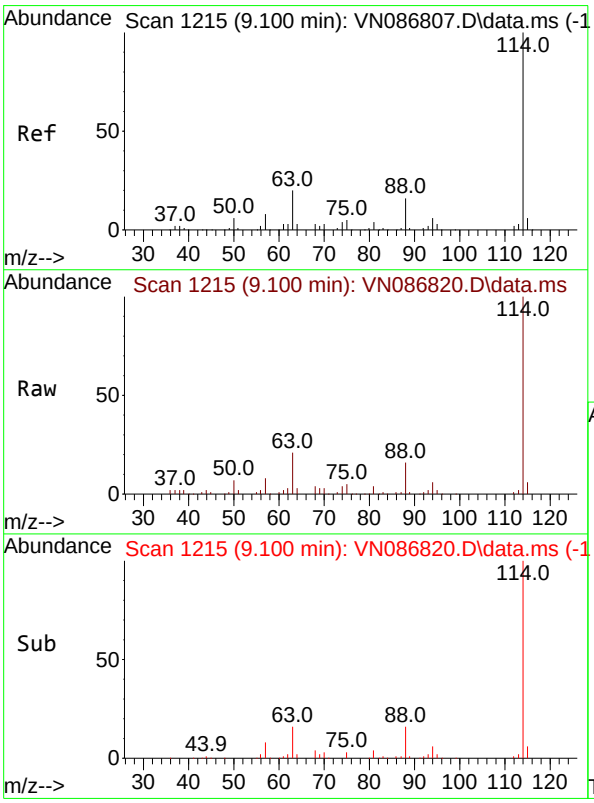
Ion	Ratio	Lower	Upper
65	100		
67	55.4	44.6	67.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

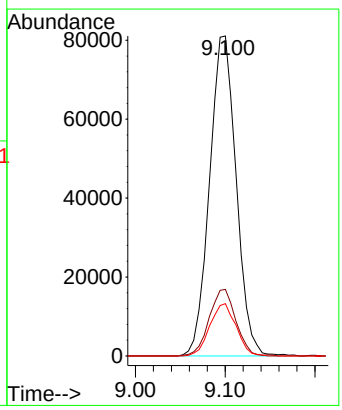
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

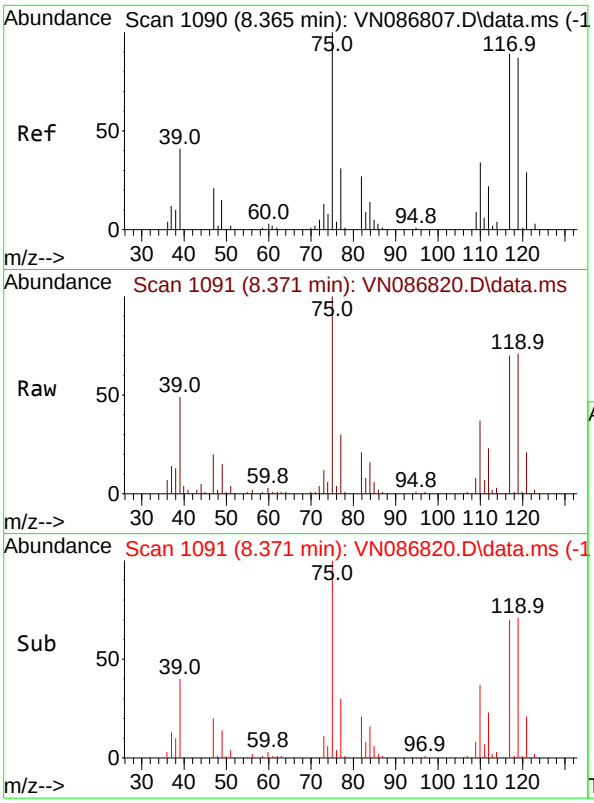


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:114 Resp: 167048

Ion	Ratio	Lower	Upper
114	100		
63	20.8	15.8	23.8
88	16.1	12.9	19.3

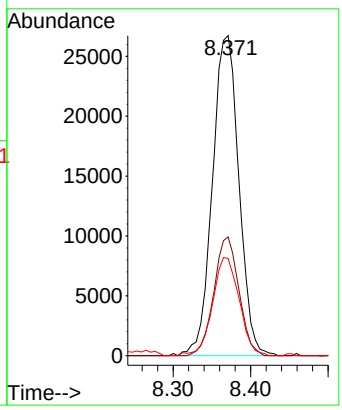




#29
1,1-Dichloropropene
Concen: 25.848 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 6348

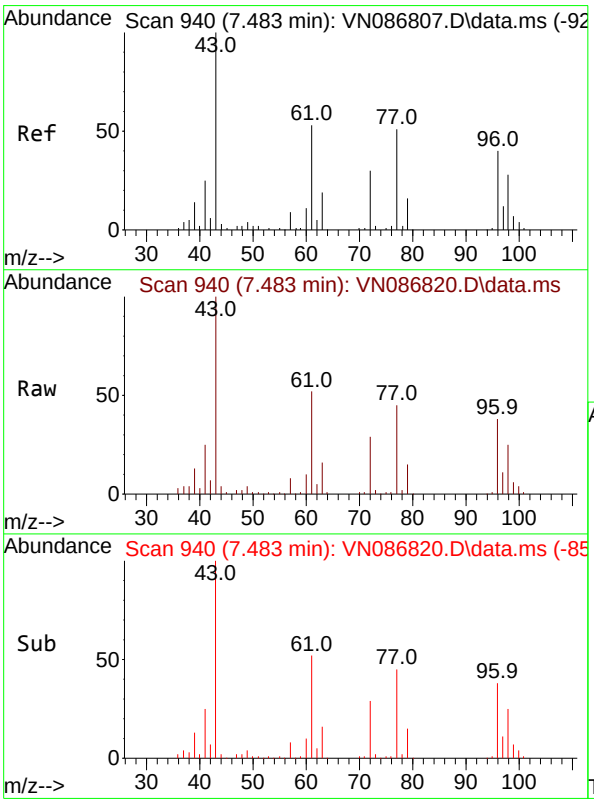
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	71.0
77	30.7	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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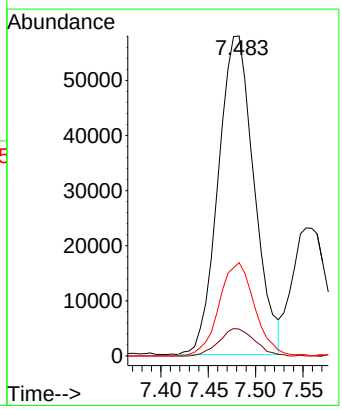
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

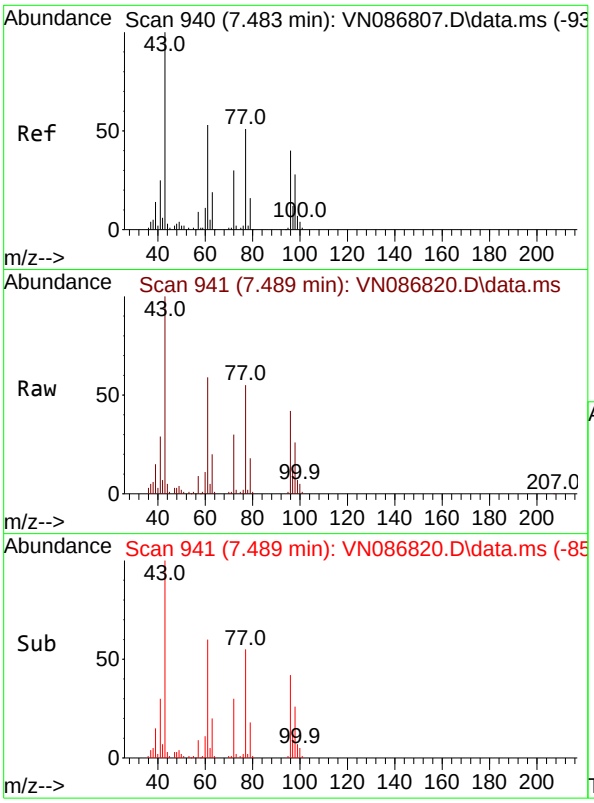


#30
2-Butanone
Concen: 141.557 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 152335

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	29.0	23.4	35.0

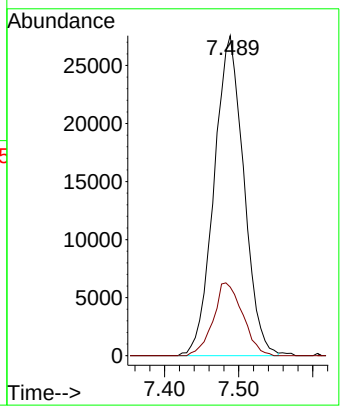




#31
2,2-Dichloropropane
Concen: 26.452 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 77 Resp: 7669

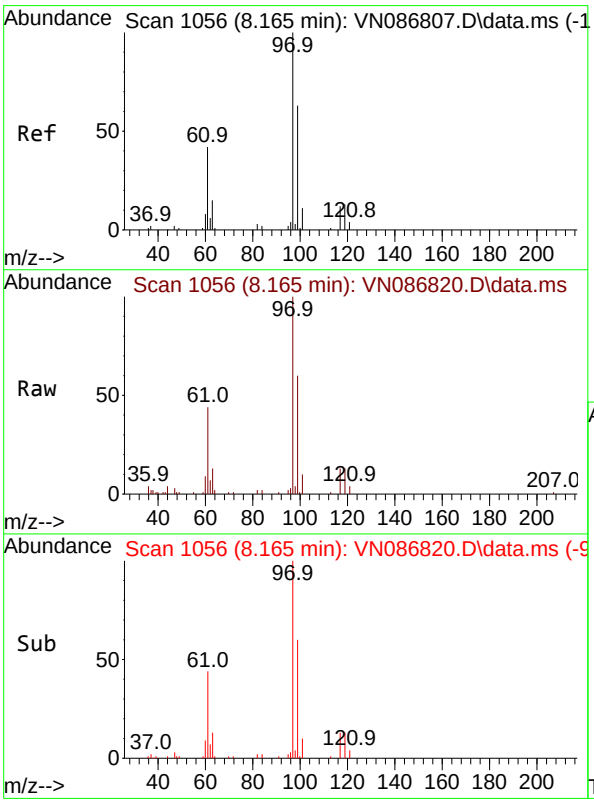
Ion	Ratio	Lower	Upper
77	100		
97	22.5	18.6	27.8



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

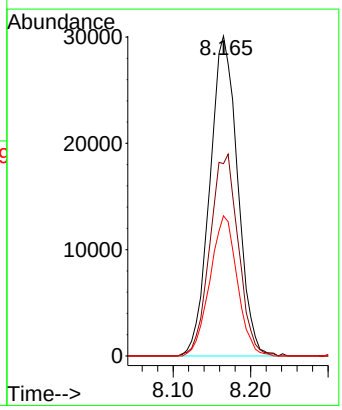
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

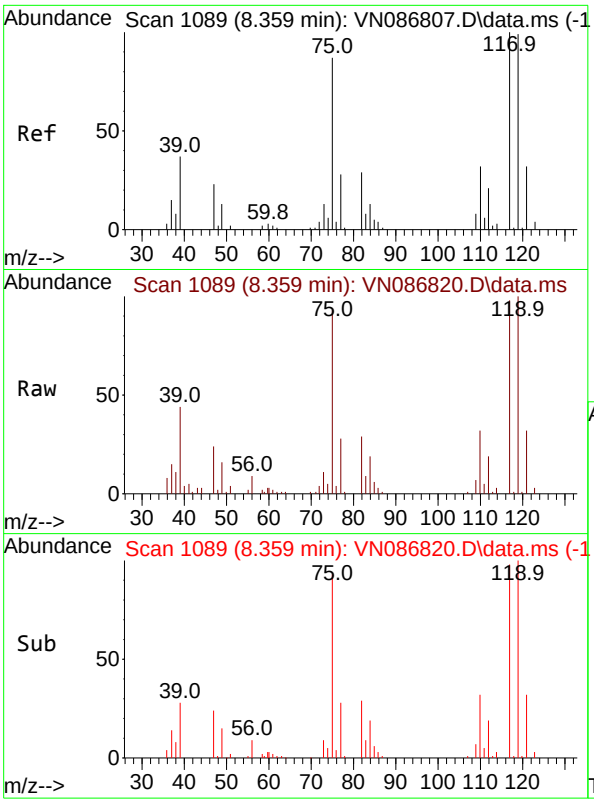


#32
1,1,1-Trichloroethane
Concen: 26.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 97 Resp: 74894

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	43.2	35.4	53.2

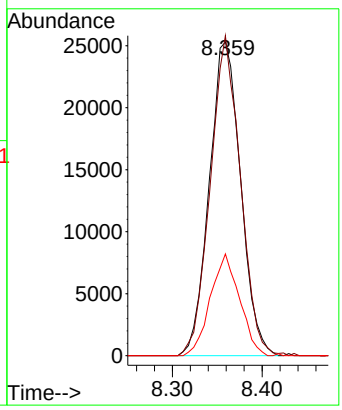




#33
Carbon Tetrachloride
Concen: 25.226 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:117 Resp: 6139

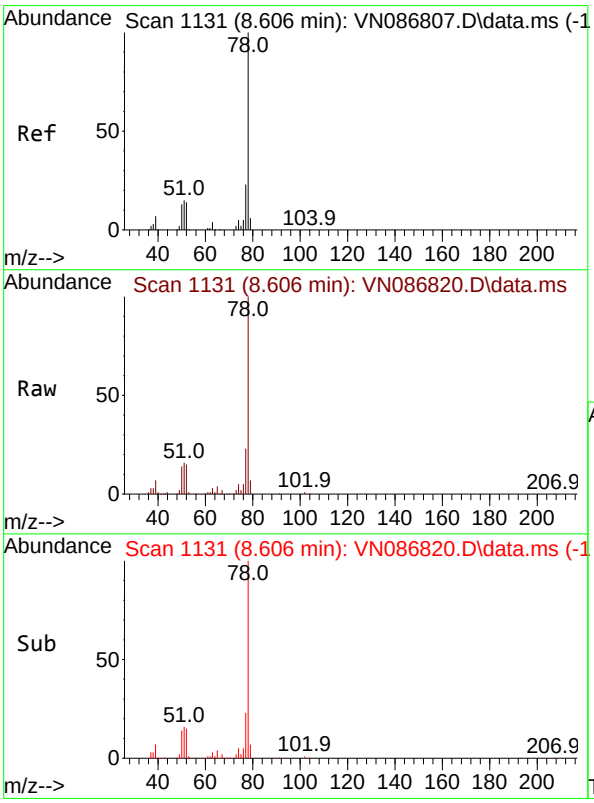
Ion	Ratio	Lower	Upper
117	100		
119	102.0	79.2	118.8
121	32.4	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

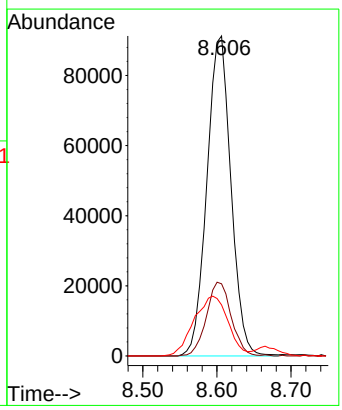
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

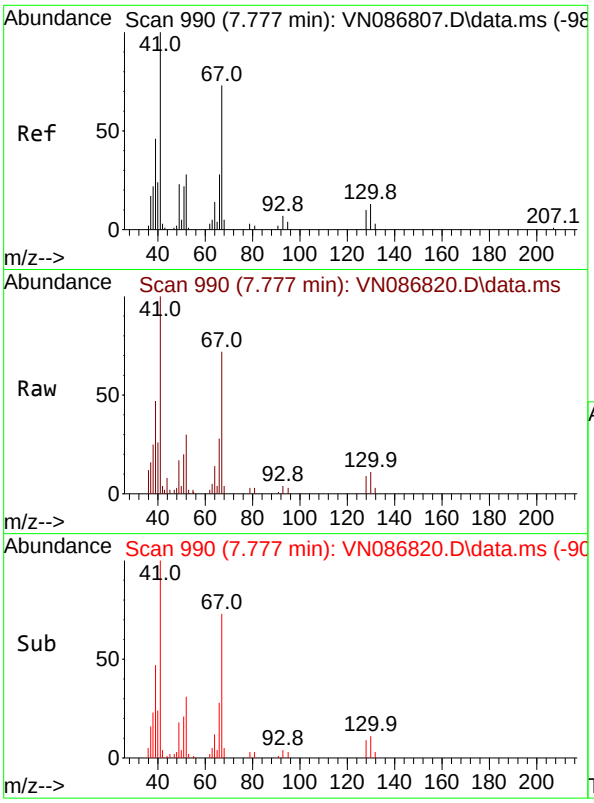


#34
Benzene
Concen: 25.758 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 78 Resp: 205839

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.2	27.2
51	14.3	11.9	17.9

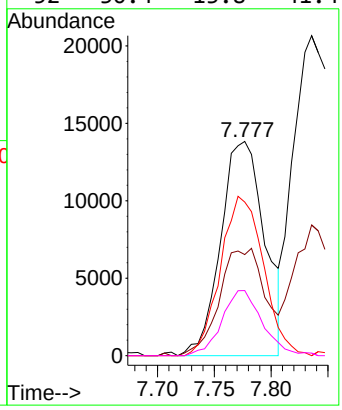




#35
Methacrylonitrile
Concen: 30.116 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 41 Resp: 3722

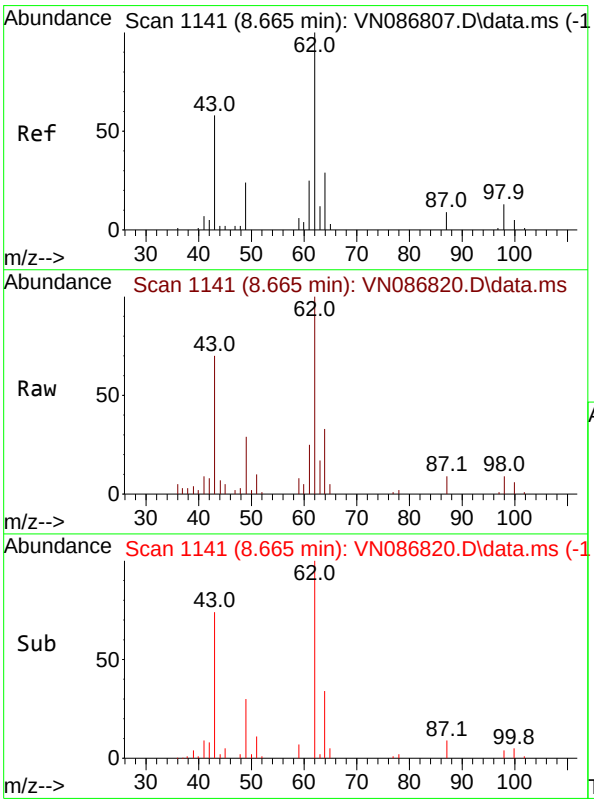
Ion	Ratio	Lower	Upper
41	100		
39	47.2	23.2	69.6
67	71.7	36.5	109.7
52	30.4	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

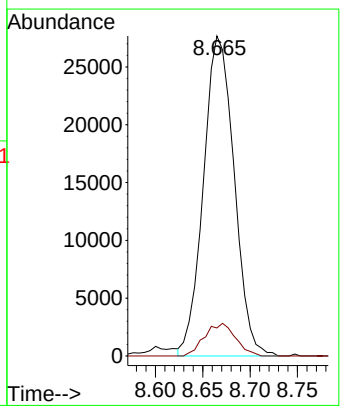
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

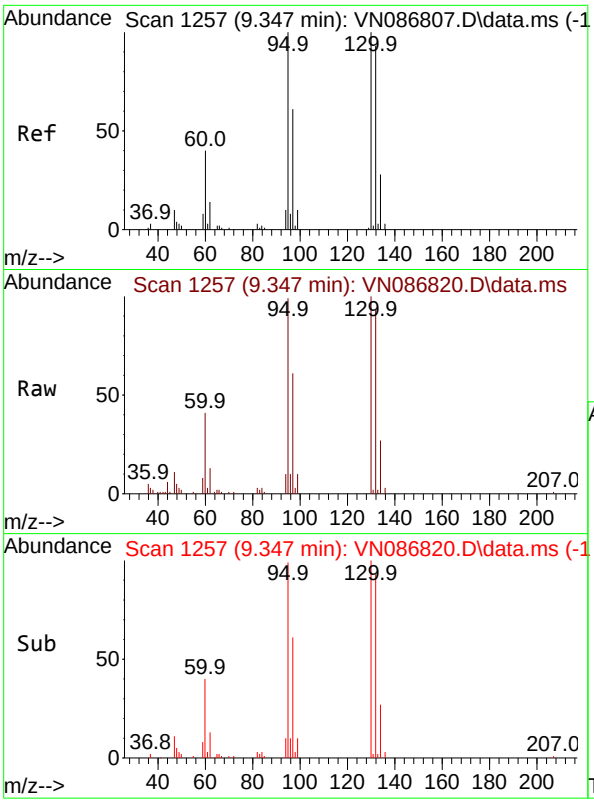


#36
1,2-Dichloroethane
Concen: 26.680 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 62 Resp: 62478

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.5	12.7

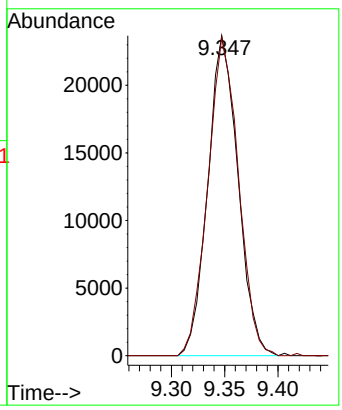




#37
Trichloroethene
Concen: 21.026 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:130 Resp: 4660

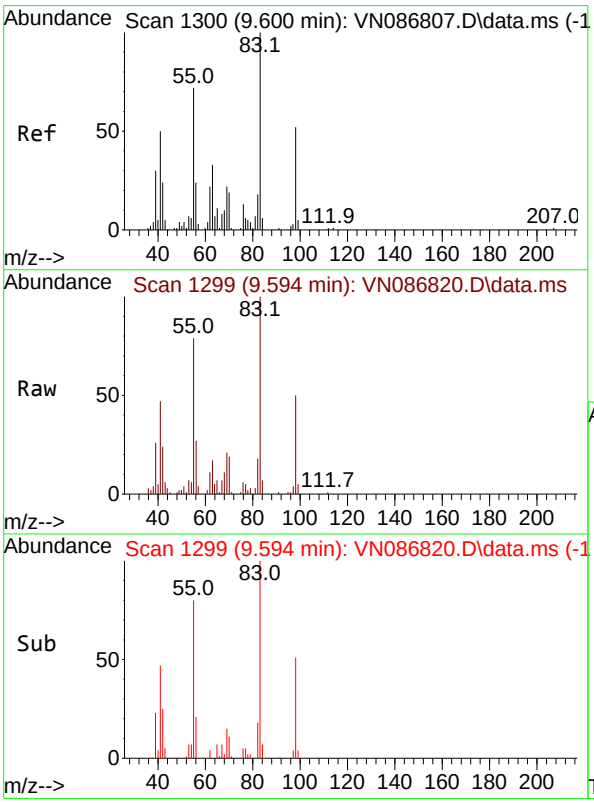
Ion	Ratio	Lower	Upper
130	100		
95	99.4	80.3	120.5



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

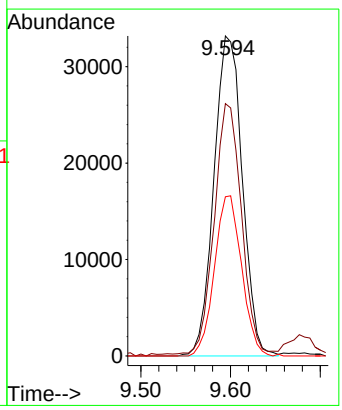
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

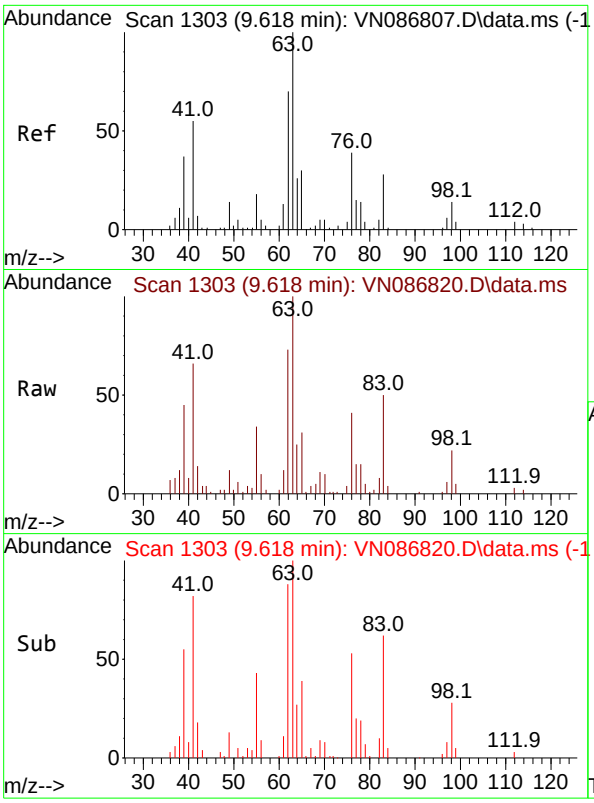


#38
Methylcyclohexane
Concen: 26.753 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 83 Resp: 72905

Ion	Ratio	Lower	Upper
83	100		
55	74.8	37.4	112.1
98	47.9	24.6	73.6





#39
1,2-Dichloropropane
Concen: 26.084 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

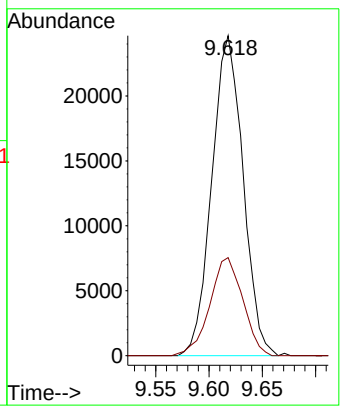
Tgt Ion: 63 Resp: 5018

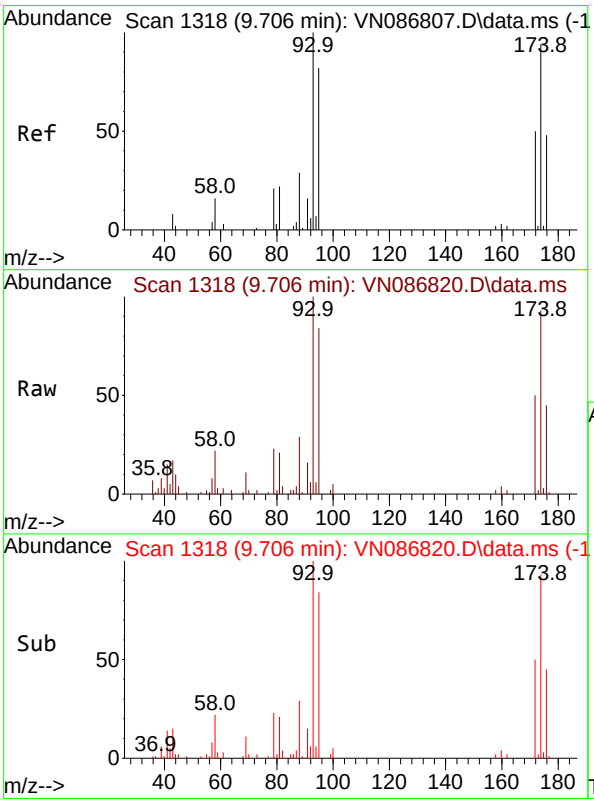
Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

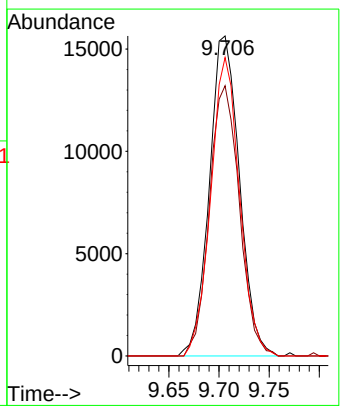


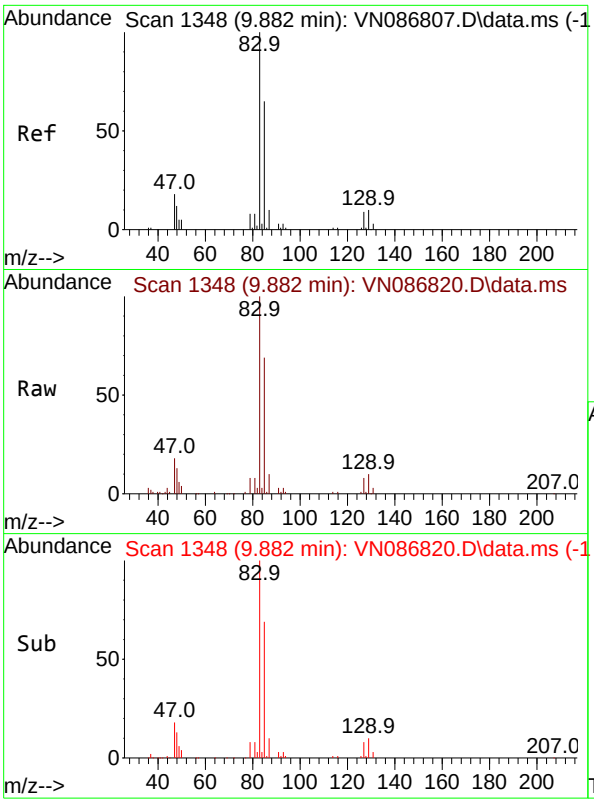


#40
Dibromomethane
Concen: 26.019 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 93 Resp: 32741

Ion	Ratio	Lower	Upper
93	100		
95	83.9	0.0	166.4
174	89.1	0.0	181.8

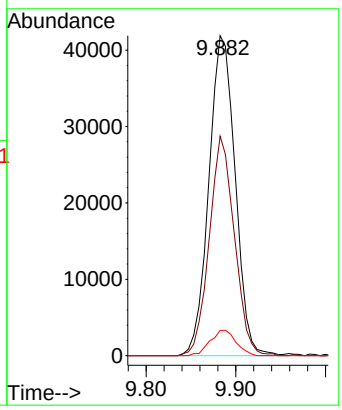




#41
Bromodichloromethane
Concen: 32.364 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 83 Resp: 8524

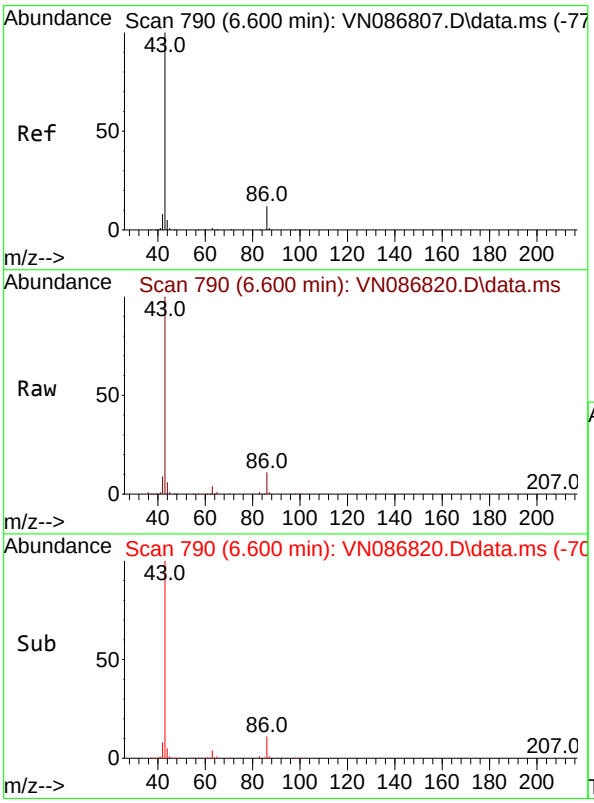
Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.8	77.8
127	7.9	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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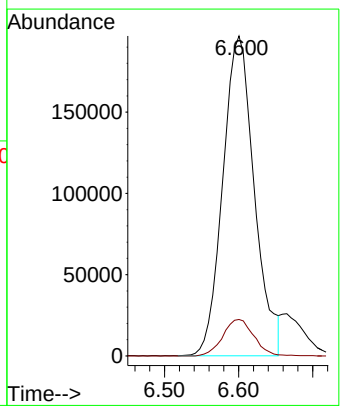
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

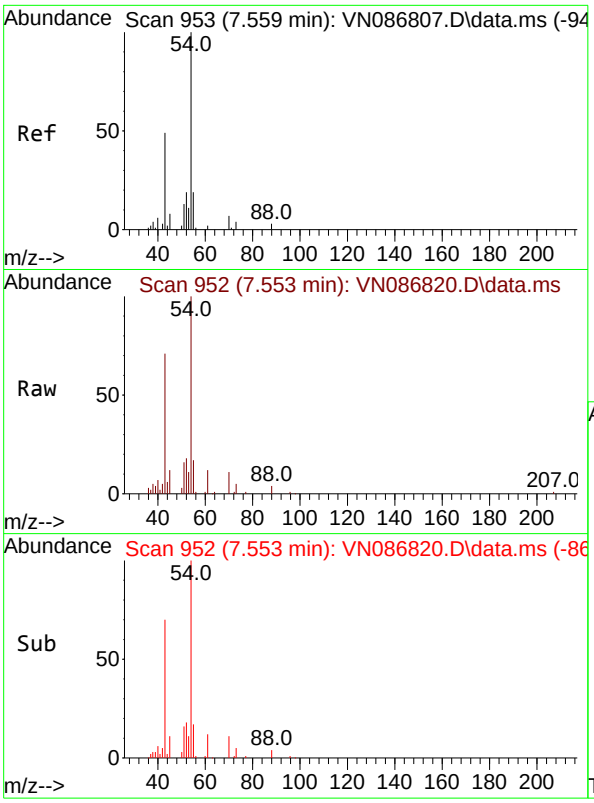


#42
Vinyl Acetate
Concen: 185.580 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 582133

Ion	Ratio	Lower	Upper
43	100		
86	11.3	9.5	14.3





#43
Ethyl Acetate
Concen: 27.798 ug/l m
RT: 7.553 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

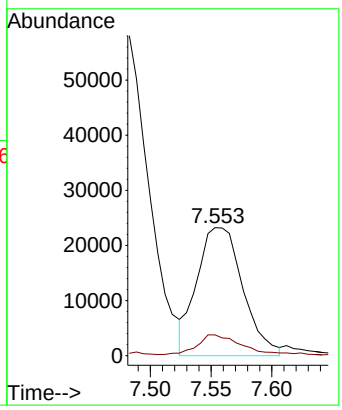
Tgt Ion: 43 Resp: 6121

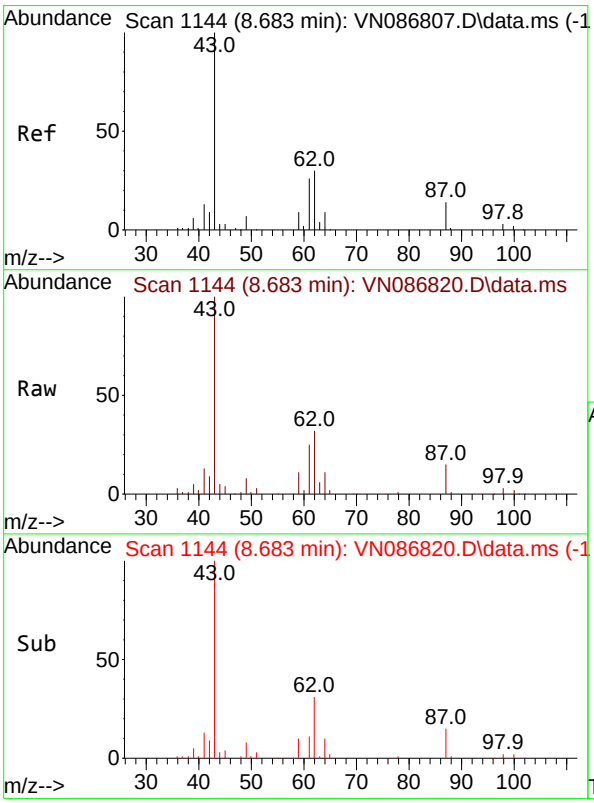
Ion	Ratio	Lower	Upper
43	100		
45	14.8	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

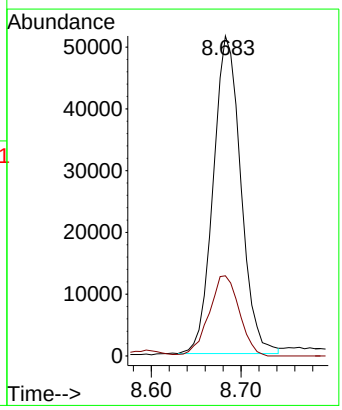


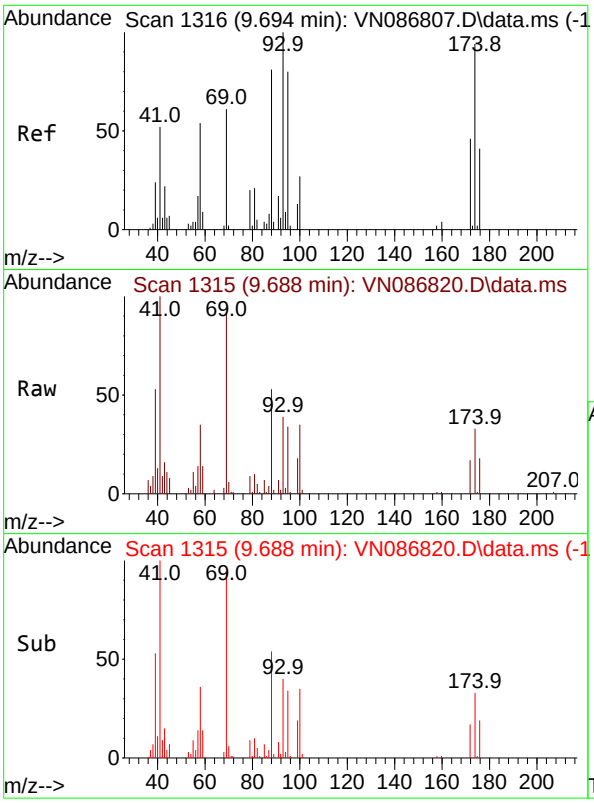


#44
Isopropyl Acetate
Concen: 29.009 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 109580

Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.8	35.6

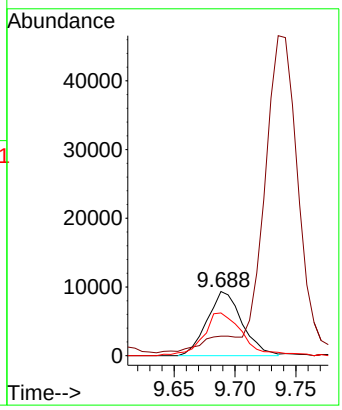




#45
1,4-Dioxane
Concen: 556.879 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 88 Resp: 1869

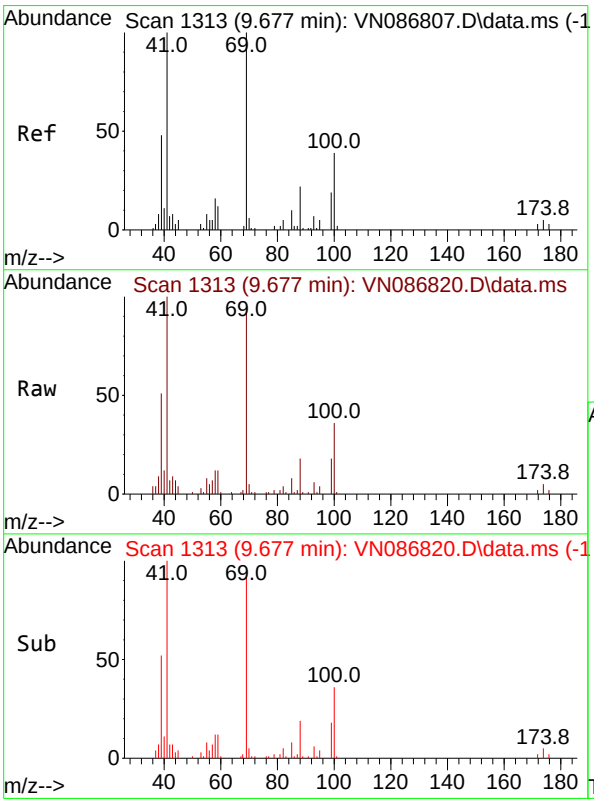
Ion	Ratio	Lower	Upper
88	100		
43	23.3	23.0	34.6
58	74.2	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

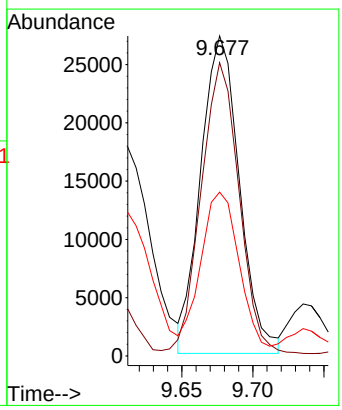
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

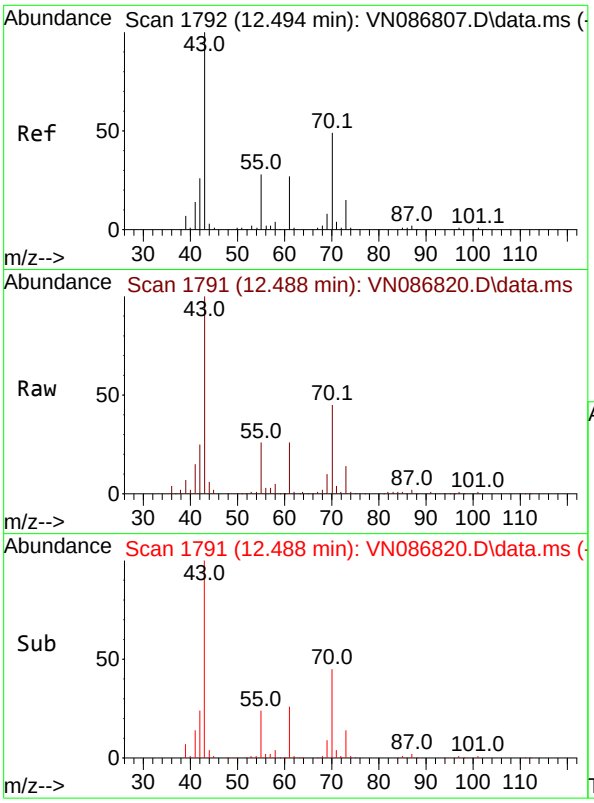


#46
Methyl methacrylate
Concen: 29.651 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 41 Resp: 51645

Ion	Ratio	Lower	Upper
41	100		
69	95.1	48.0	144.2
39	50.2	23.8	71.2





#47
n-amyl Acetate
Concen: 32.897 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

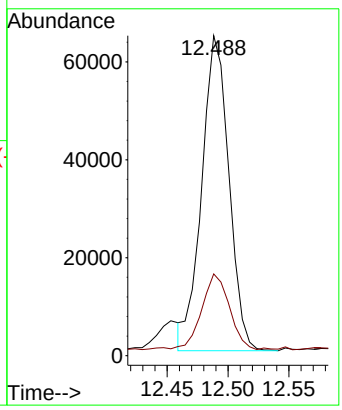
Tgt Ion: 43 Resp: 9976

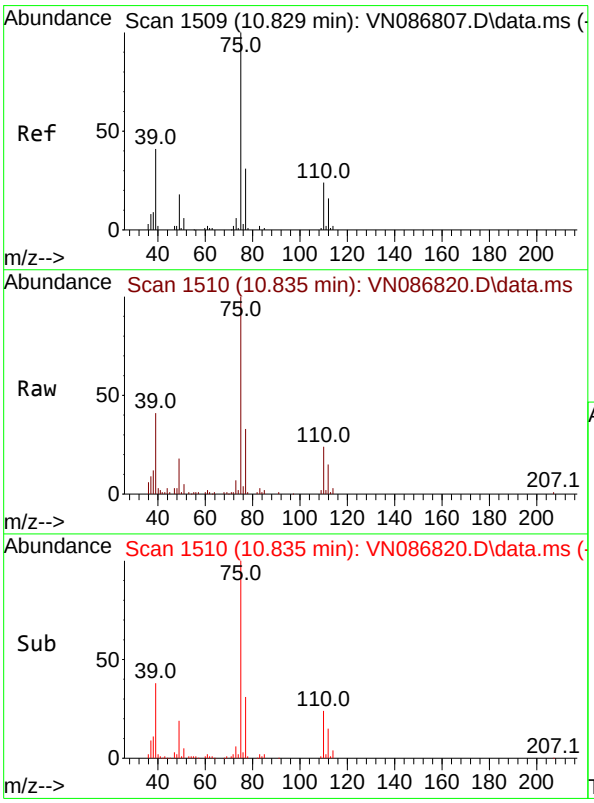
Ion	Ratio	Lower	Upper
43	100		
55	24.4	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

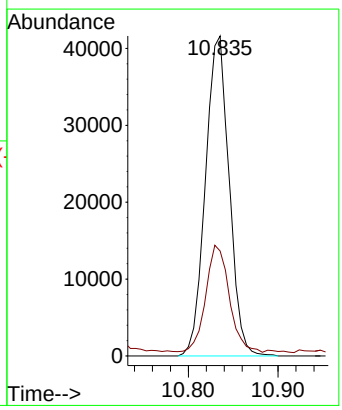


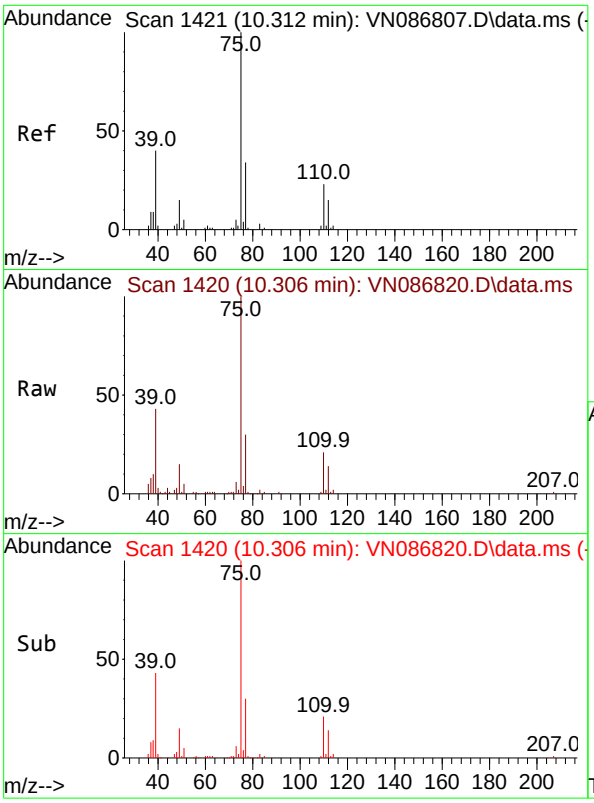


#48
t-1,3-Dichloropropene
Concen: 27.097 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 76379

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

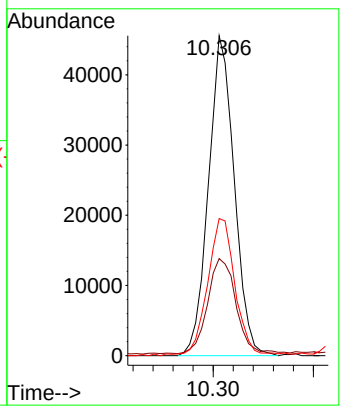




#49
cis-1,3-Dichloropropene
Concen: 26.234 ug/l
RT: 10.306 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 8133

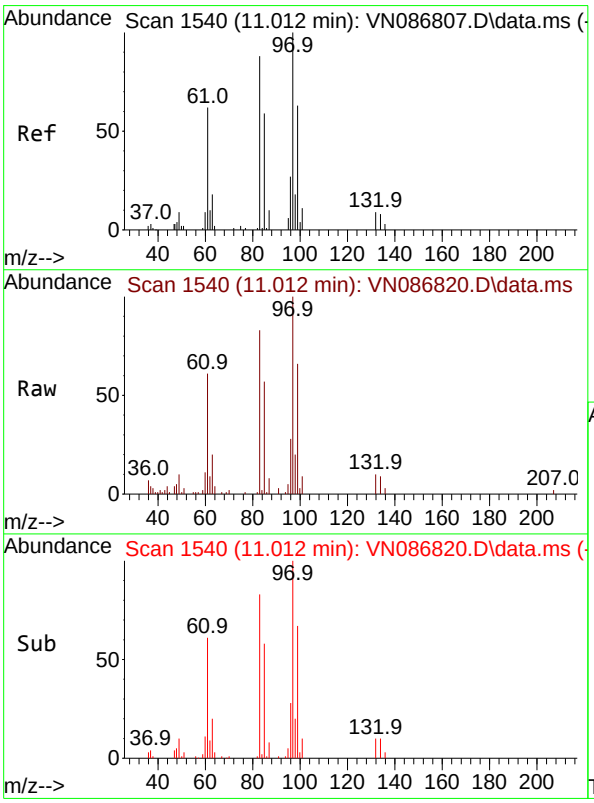
Ion	Ratio	Lower	Upper
75	100		
77	29.7	26.9	40.3
39	42.3	31.8	47.6



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

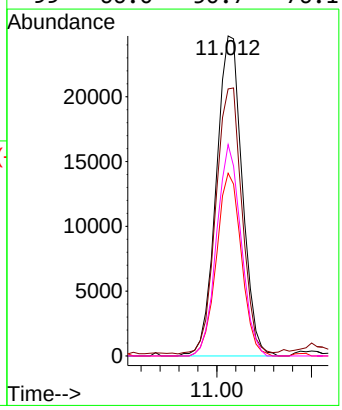
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

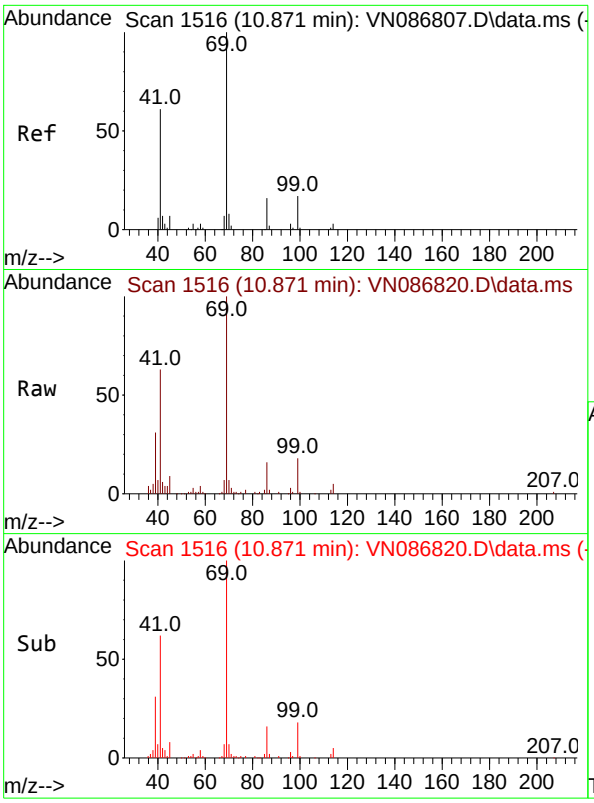


#50
1,1,2-Trichloroethane
Concen: 26.597 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 97 Resp: 47138

Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.6	105.8
85	57.1	46.8	70.2
99	66.0	50.7	76.1

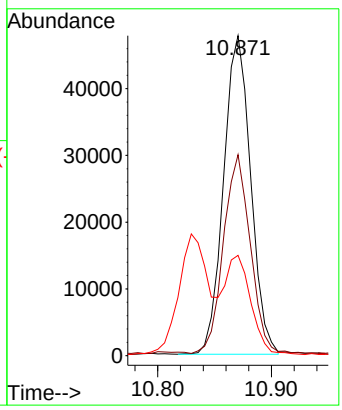




#51
Ethyl methacrylate
Concen: 27.566 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 69 Resp: 7912

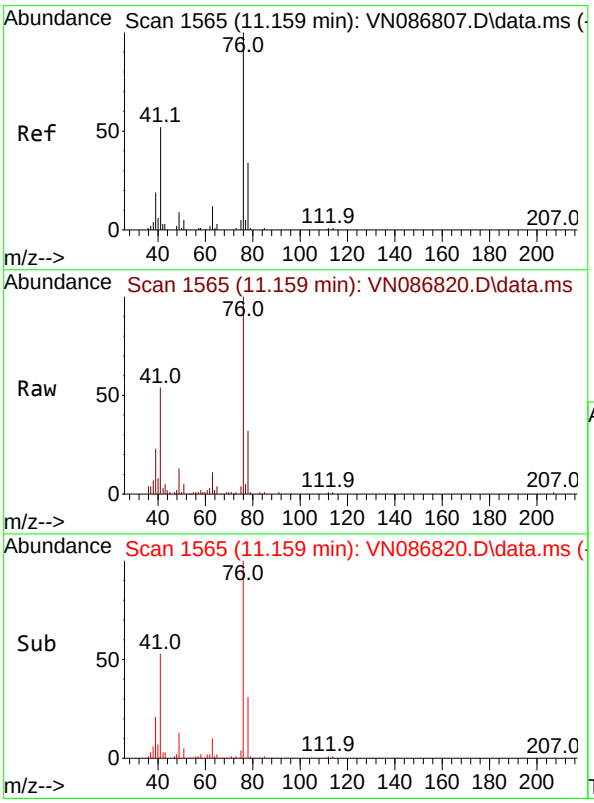
Ion	Ratio	Lower	Upper
69	100		
41	62.0	30.5	91.5
39	30.5	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

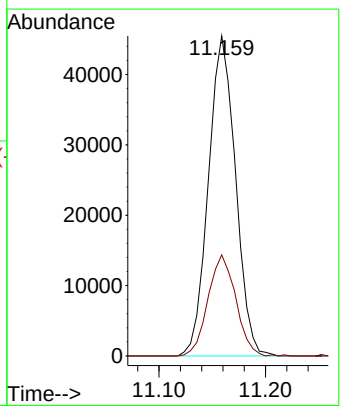
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

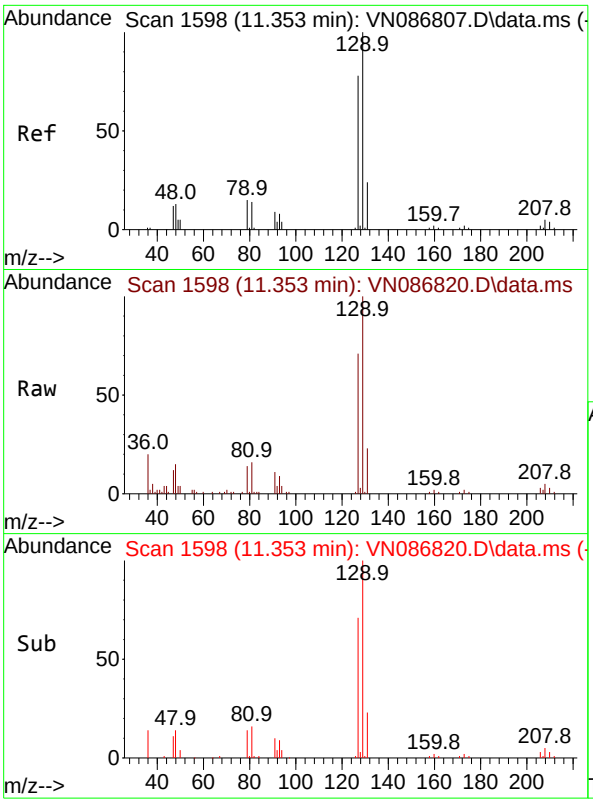


#52
1,3-Dichloropropane
Concen: 25.597 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 76 Resp: 80508

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6

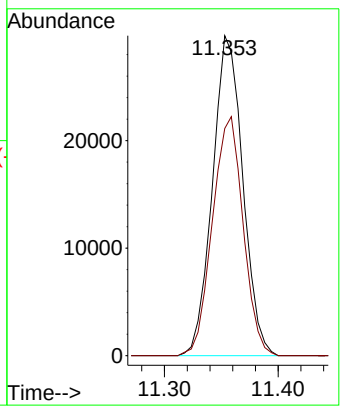




#53
Dibromochloromethane
Concen: 27.564 ug/l
RT: 11.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:129 Resp: 5520

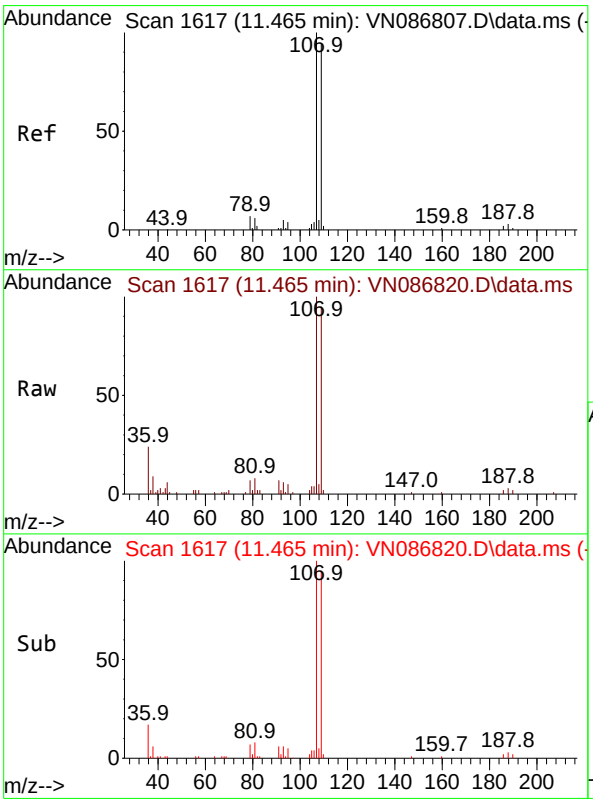
Ion	Ratio	Lower	Upper
129	100		
127	75.5	39.1	117.3



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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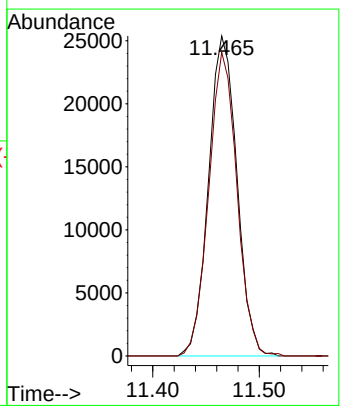
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

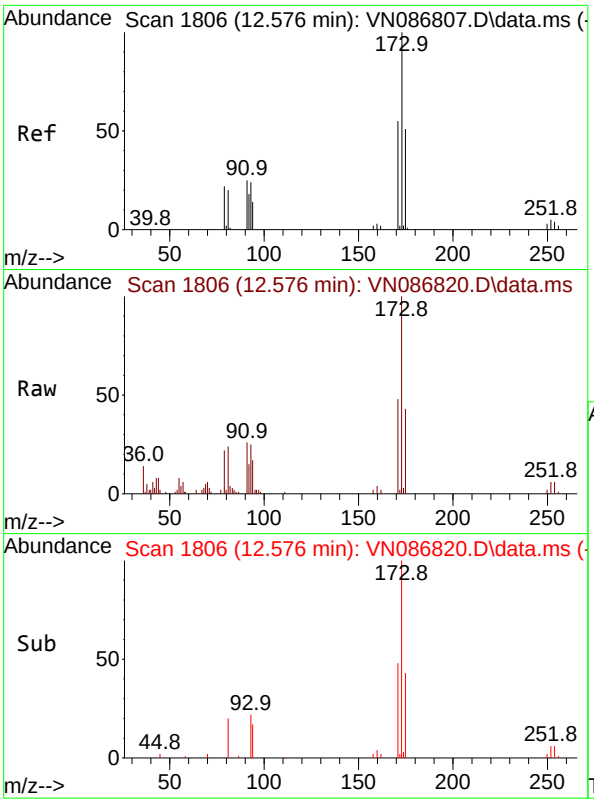


#54
1,2-Dibromoethane
Concen: 25.920 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:107 Resp: 46957

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.0	112.6





#56
Bromoform
Concen: 26.950 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

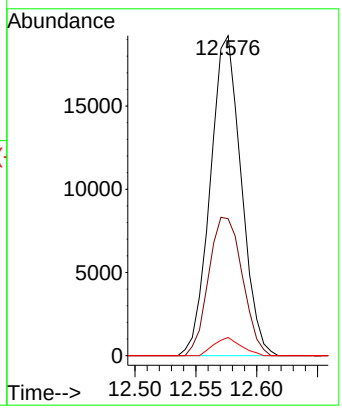
Tgt Ion:173 Resp: 3400

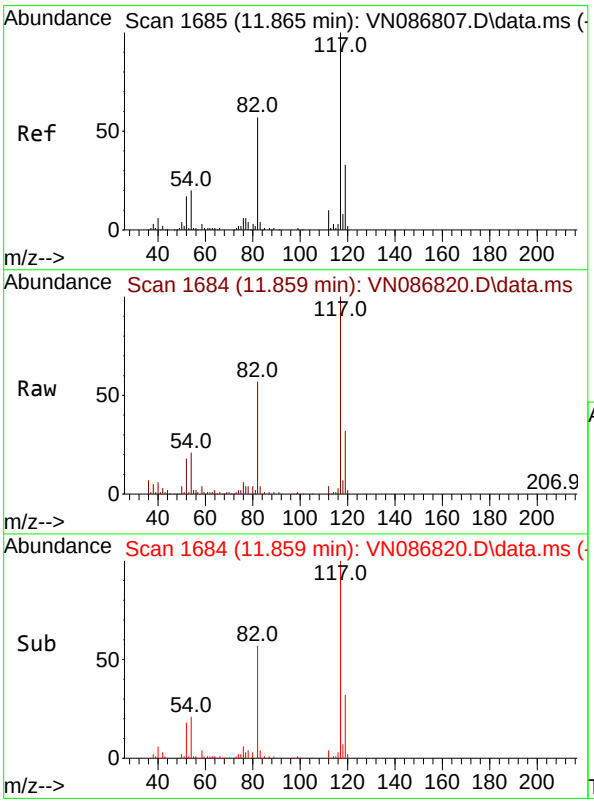
Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.7	59.5
254	5.0	3.5	5.3

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

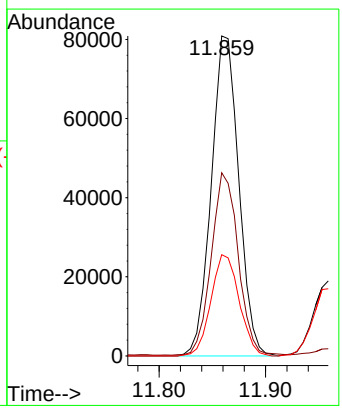


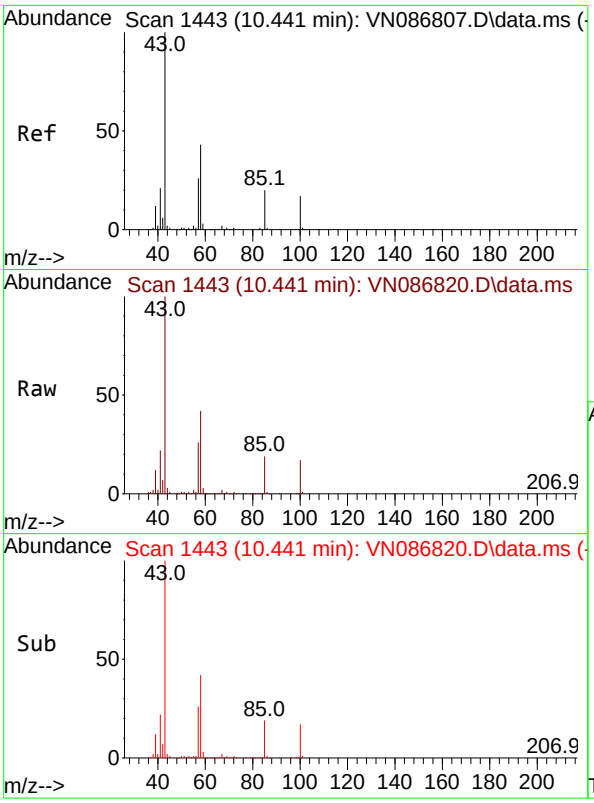


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:117 Resp: 144677

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	32.6	25.6	38.4

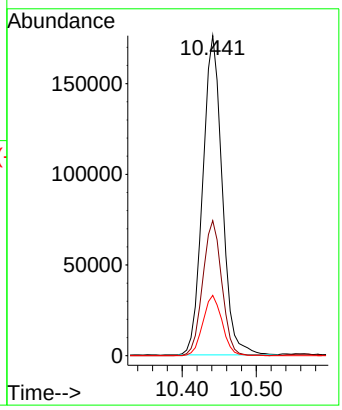




#58
4-Methyl-2-Pentanone
Concen: 151.239 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 32106

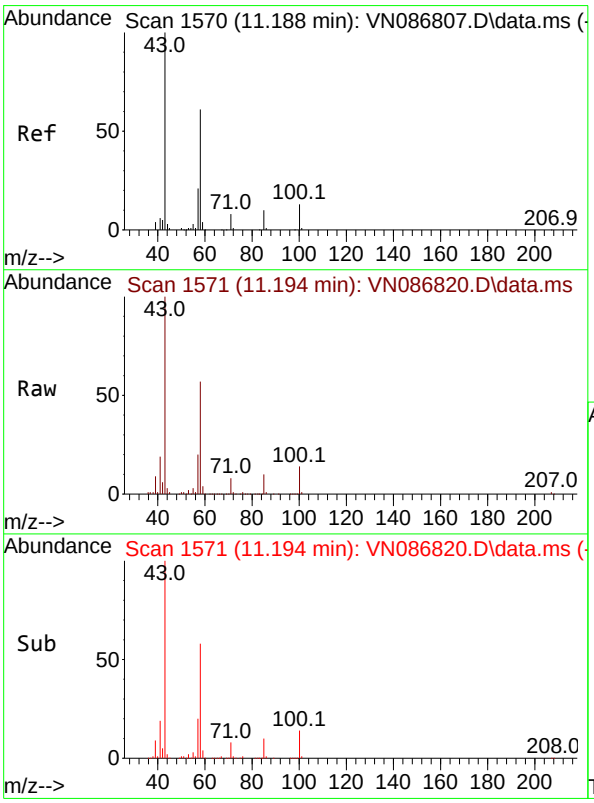
Ion	Ratio	Lower	Upper
43	100		
58	41.4	34.5	51.7
85	18.7	15.8	23.8



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

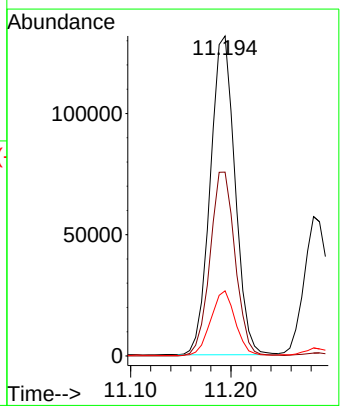
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

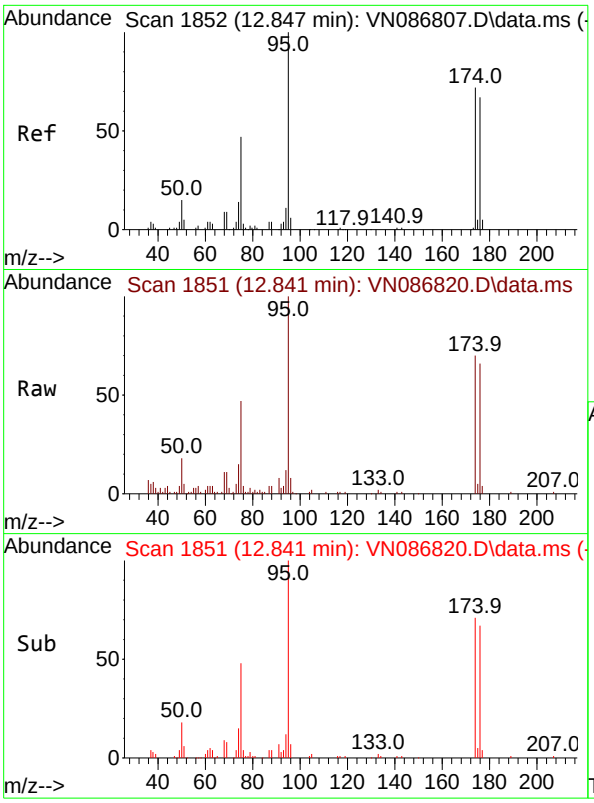


#59
2-Hexanone
Concen: 148.032 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 225103

Ion	Ratio	Lower	Upper
43	100		
58	58.6	49.1	73.7
57	20.0	16.6	25.0





#60
4-Bromofluorobenzene
Concen: 29.984 ug/l
RT: 12.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

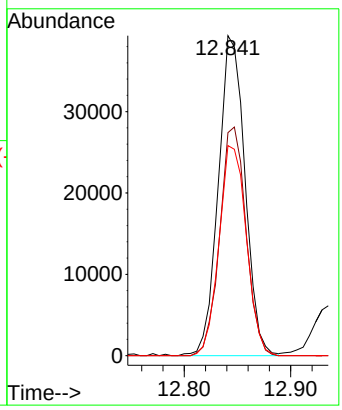
Tgt Ion: 95 Resp: 6810

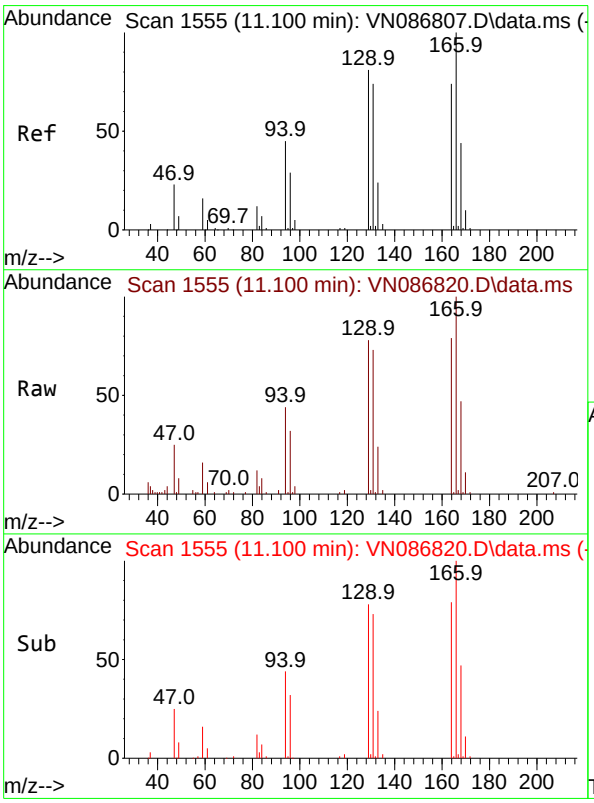
Ion	Ratio	Lower	Upper
95	100		
174	70.5	56.2	84.4
176	67.4	53.4	80.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

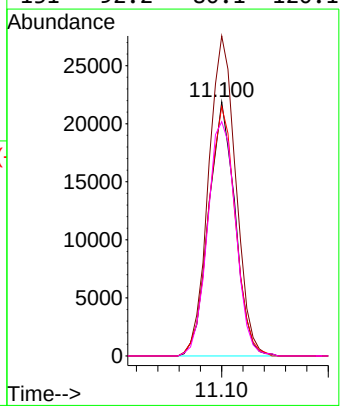


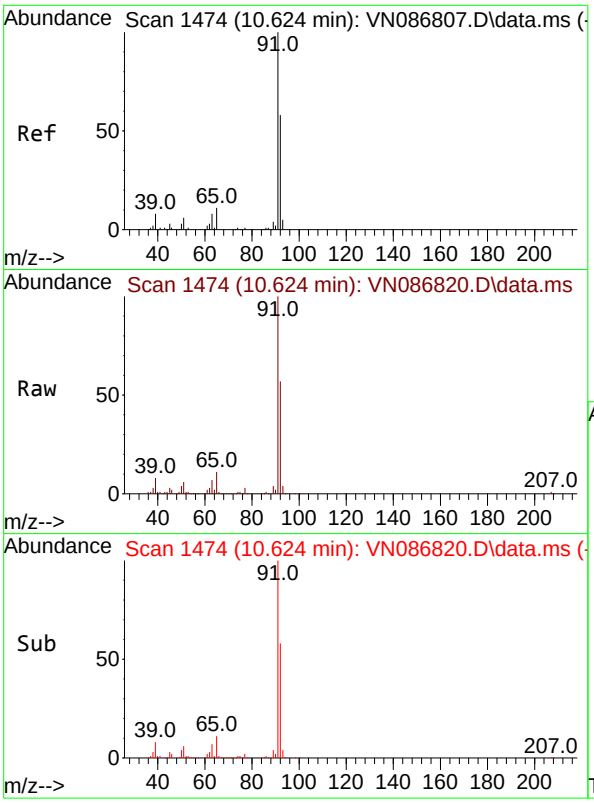


#61
Tetrachloroethene
Concen: 15.519 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:164 Resp: 37742

Ion	Ratio	Lower	Upper
164	100		
166	125.9	107.5	161.3
129	98.1	87.4	131.2
131	92.2	80.1	120.1





#62
Toluene
Concen: 26.410 ug/l
RT: 10.624 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

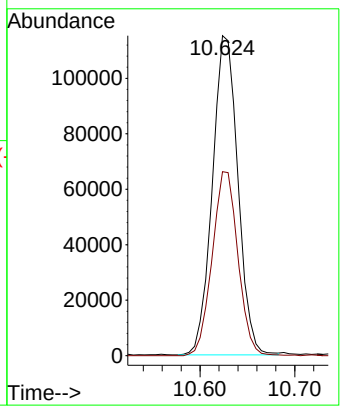
Tgt Ion: 91 Resp: 21519

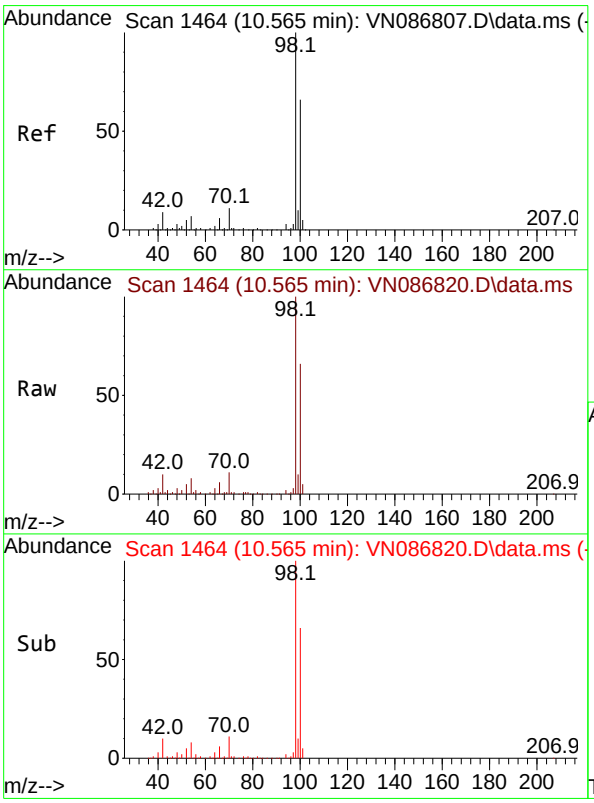
Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	70.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

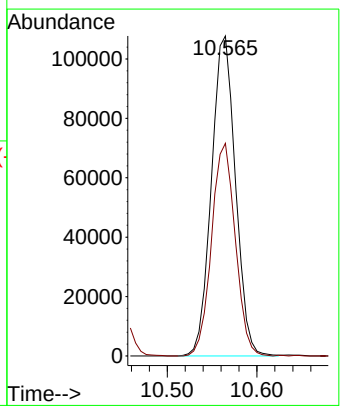


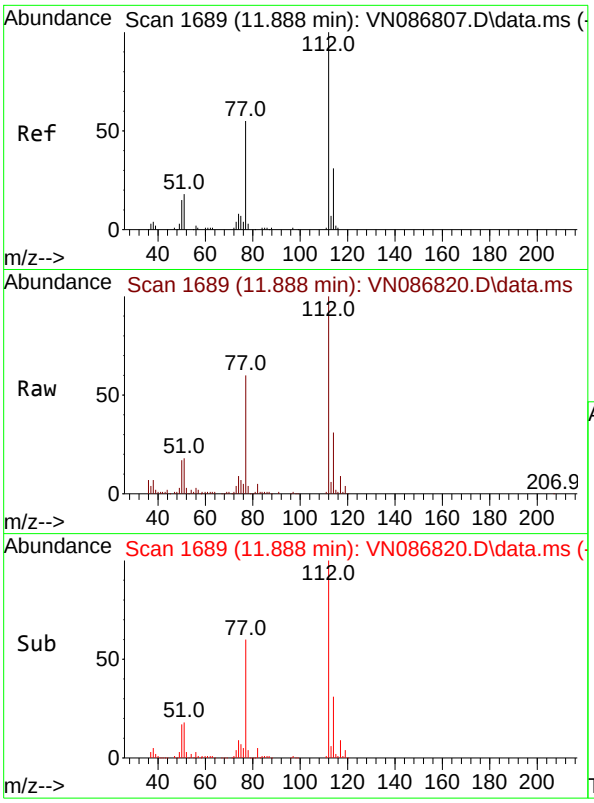


#63
Toluene-d8
Concen: 30.178 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 98 Resp: 200398

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.7	79.1





#64
Chlorobenzene
Concen: 25.546 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

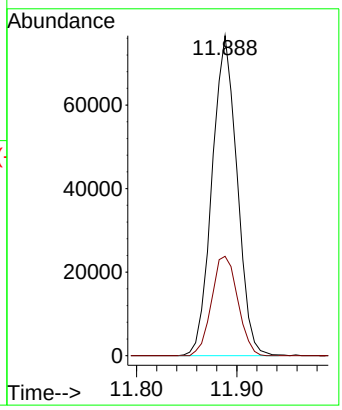
Tgt Ion:112 Resp: 13274

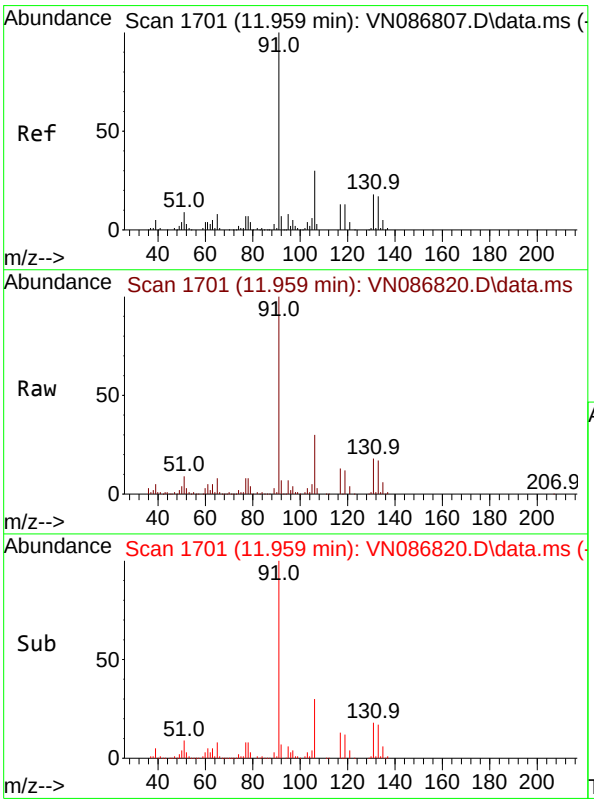
Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.1	37.7

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

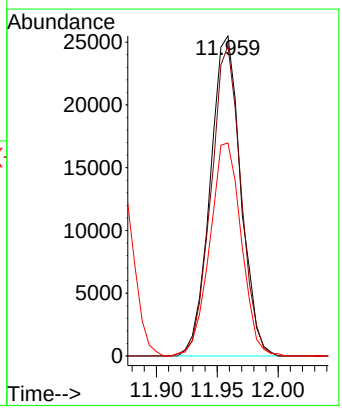


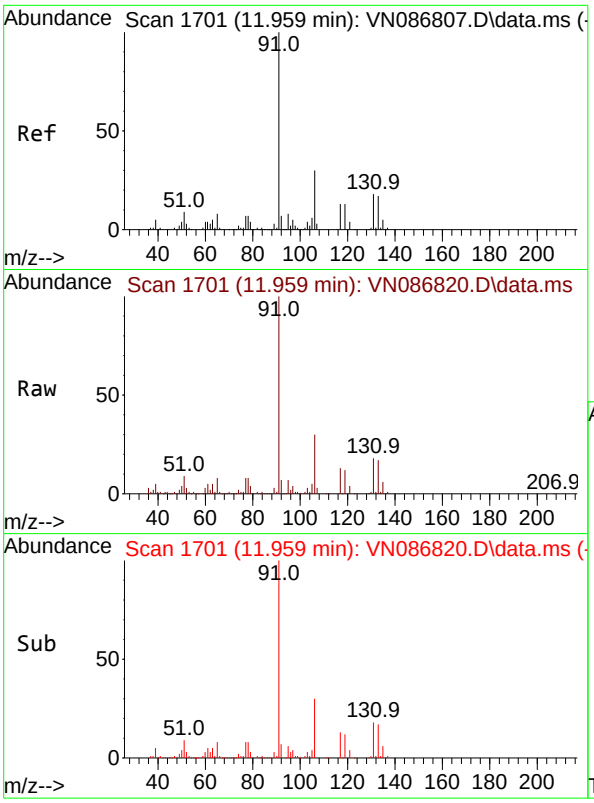


#65
1,1,1,2-Tetrachloroethane
Concen: 26.095 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:131 Resp: 44547

Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	191.0
119	68.6	0.0	140.8





#66
Ethyl Benzene
Concen: 26.557 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

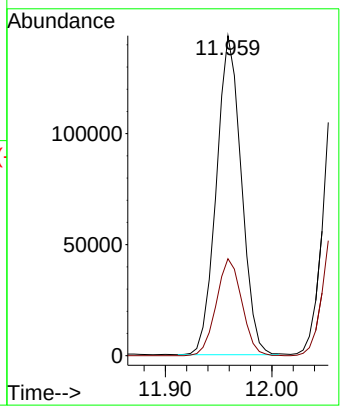
Tgt Ion: 91 Resp: 23405

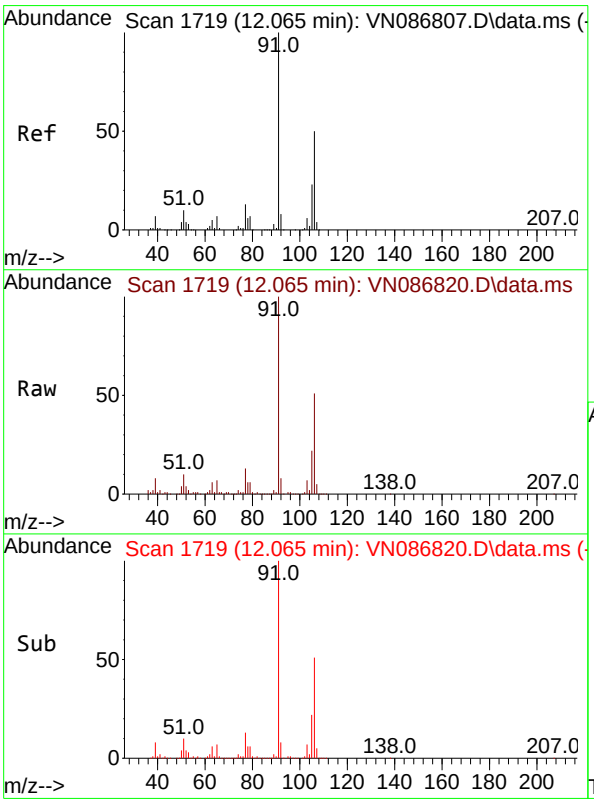
Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.6	35.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

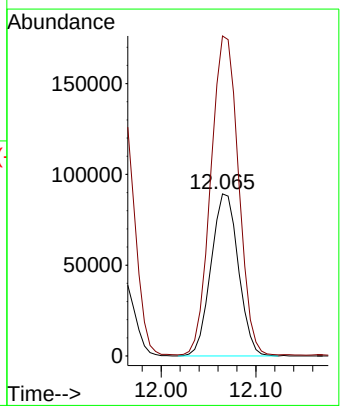


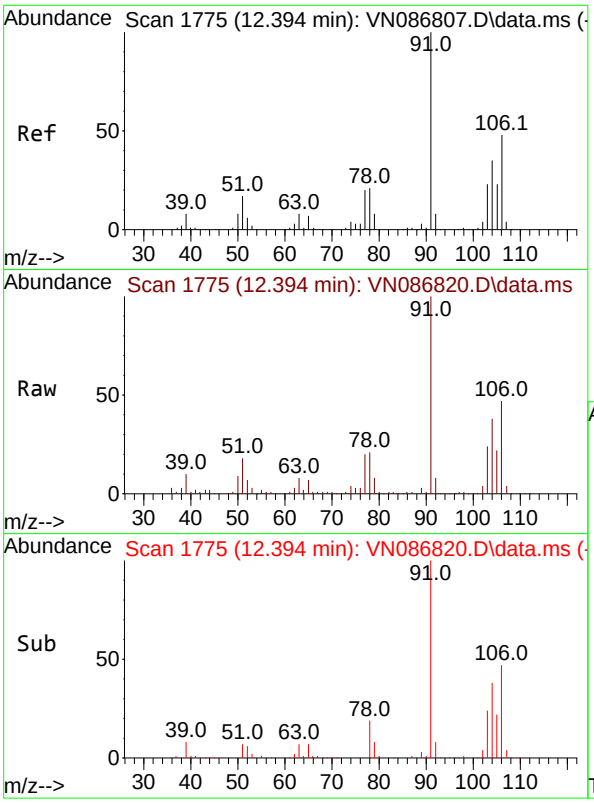


#67
m/p-Xylenes
Concen: 51.802 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:106 Resp: 179155

Ion	Ratio	Lower	Upper
106	100		
91	198.6	160.7	241.1





#68
o-Xylene
Concen: 26.046 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

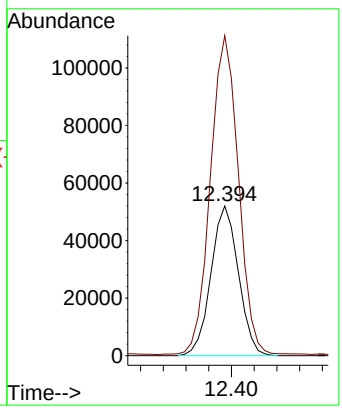
Tgt Ion:106 Resp: 8729

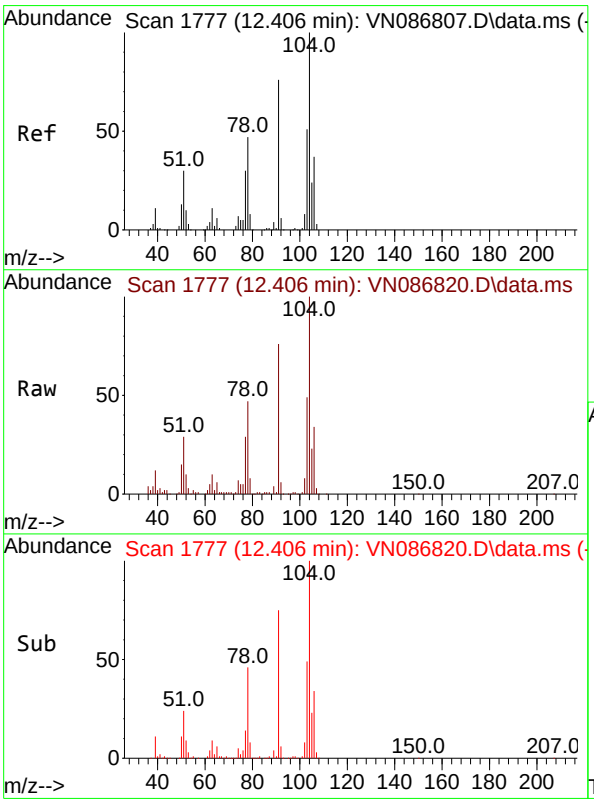
Ion	Ratio	Lower	Upper
106	100		
91	216.7	106.3	318.9

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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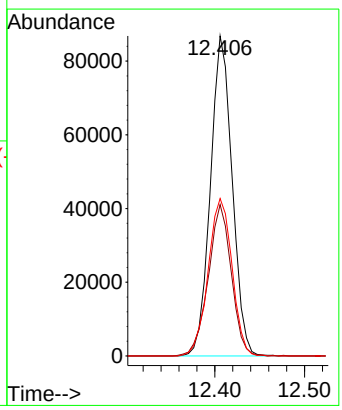


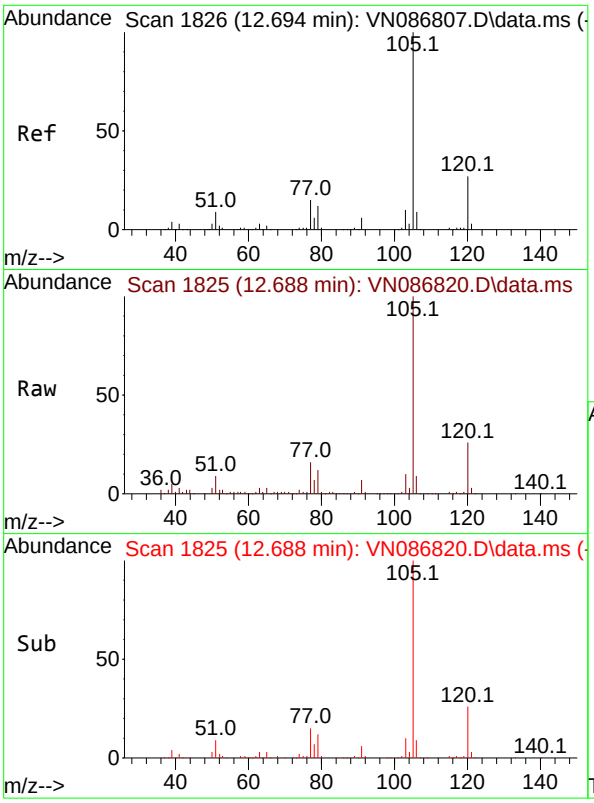


#69
Styrene
Concen: 26.180 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:104 Resp: 146193

Ion	Ratio	Lower	Upper
104	100		
78	49.9	38.6	57.8
103	53.9	43.2	64.8





#70
Isopropylbenzene
Concen: 26.720 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

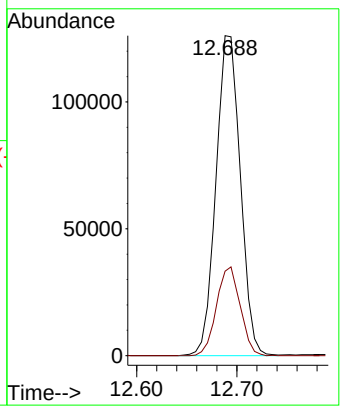
Tgt Ion:105 Resp: 21301

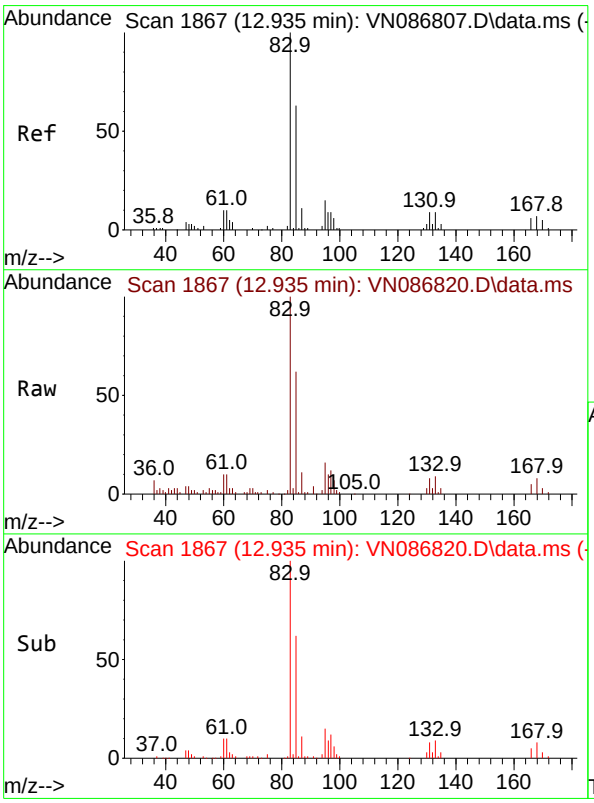
Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.0	35.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Reviewed By :John Carlone 05/30/2025
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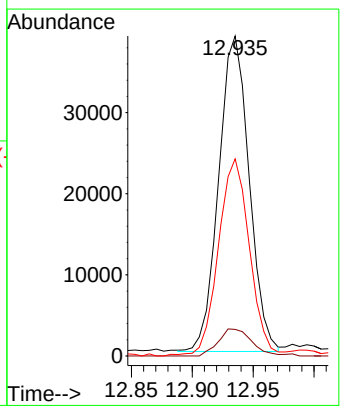


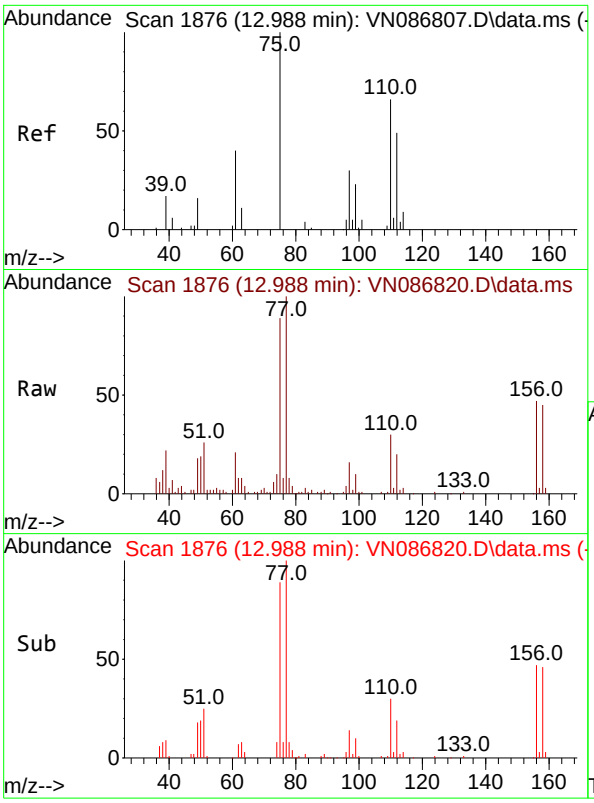


#71
1,1,2,2-Tetrachloroethane
Concen: 35.663 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 83 Resp: 67595

Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.0	15.0
85	63.7	32.6	97.7

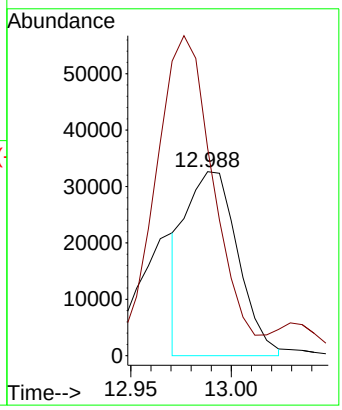




#72
1,2,3-Trichloropropane
Concen: 26.549 ug/l m
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 5897

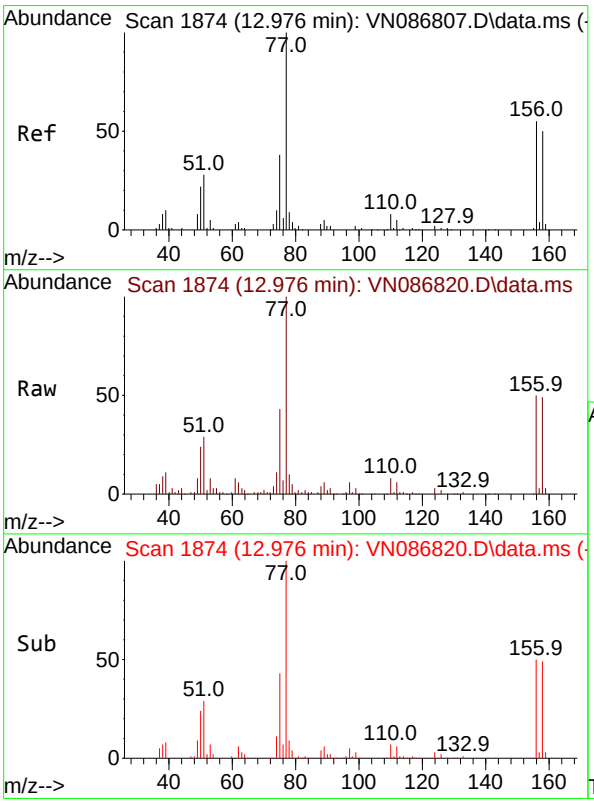
Ion	Ratio	Lower	Upper
75	100		
77	192.6	0.0	390.6



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
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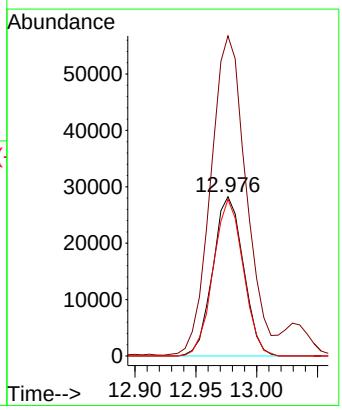
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

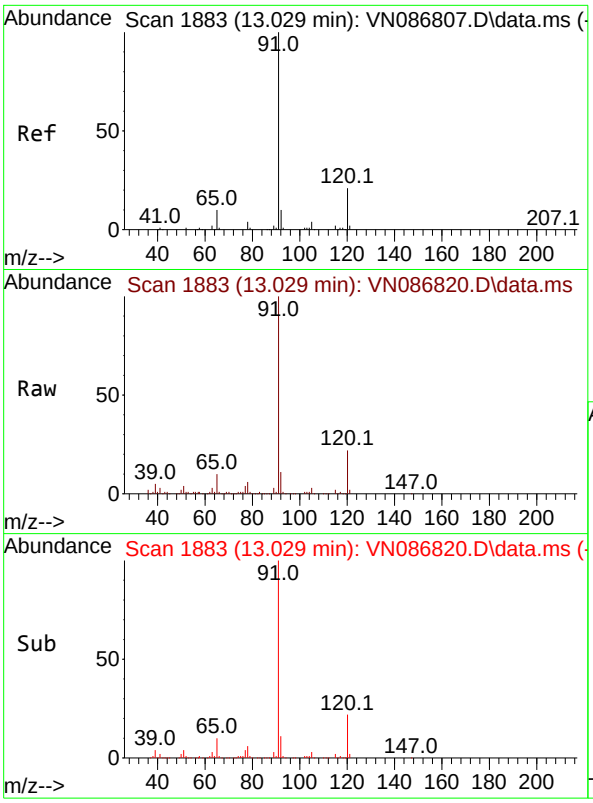


#73
Bromobenzene
Concen: 24.938 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:156 Resp: 49414

Ion	Ratio	Lower	Upper
156	100		
77	229.9	0.0	442.0
158	96.4	0.0	191.8

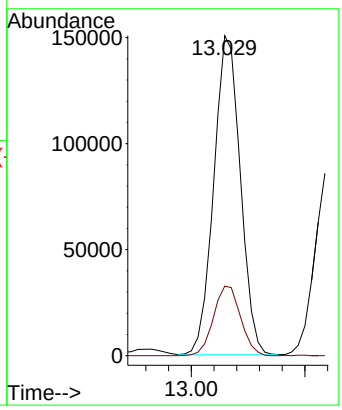




#74
n-propylbenzene
Concen: 25.853 ug/l
RT: 13.029 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 91 Resp: 24412

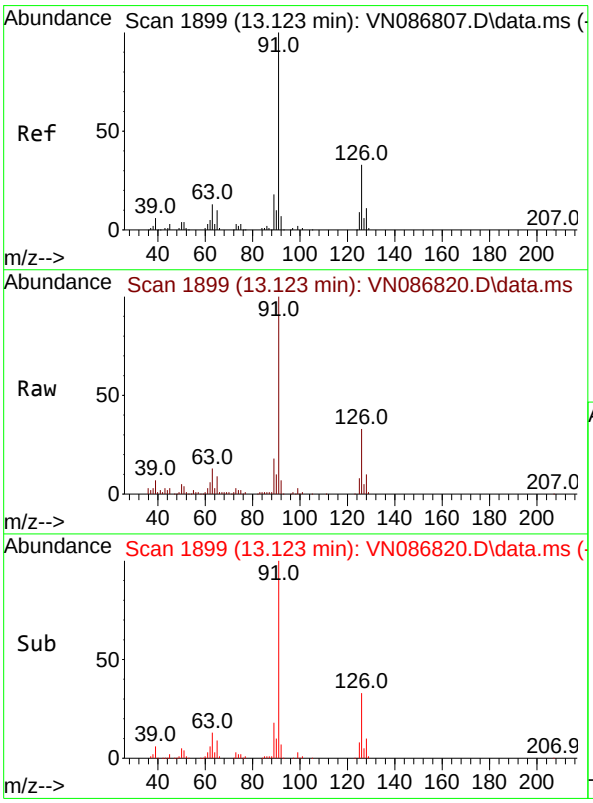
Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.6



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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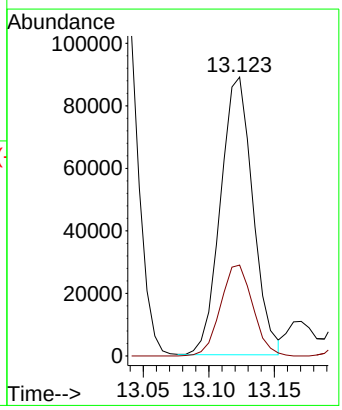
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

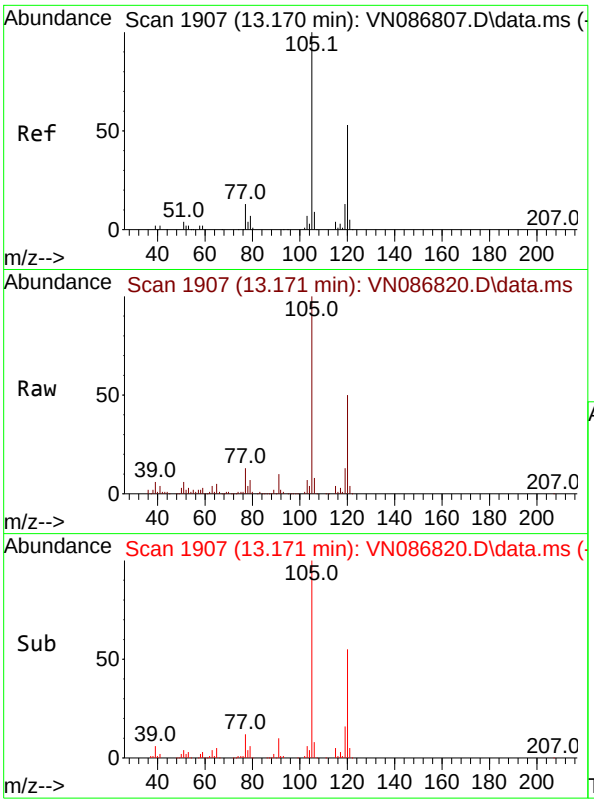


#75
2-Chlorotoluene
Concen: 25.204 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 91 Resp: 152757

Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	64.4





#76
1,3,5-Trimethylbenzene
Concen: 25.505 ug/l
RT: 13.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

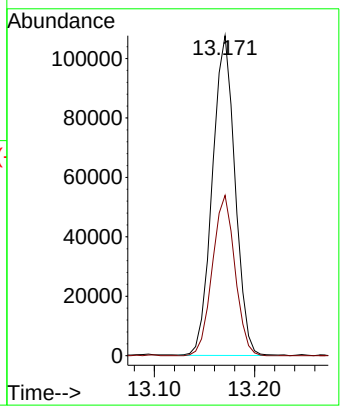
Tgt Ion:105 Resp: 16914

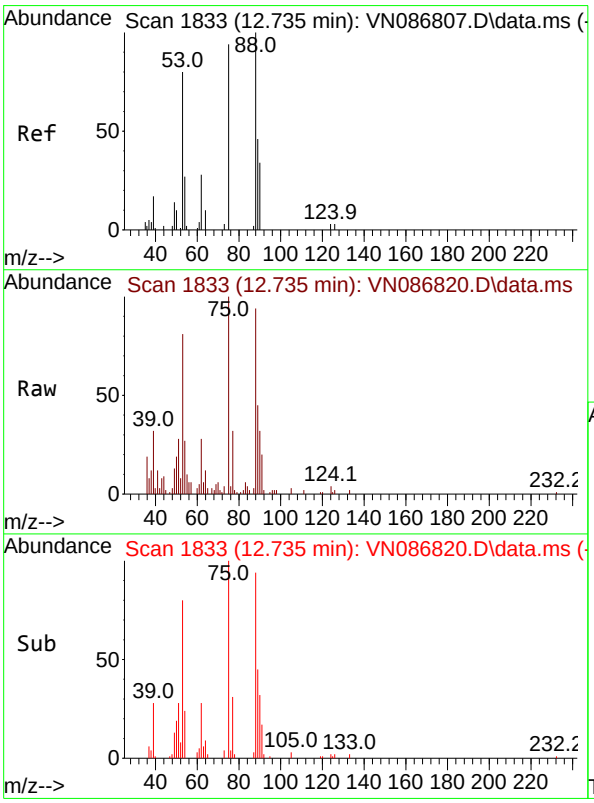
Ion	Ratio	Lower	Upper
105	100		
120	49.9	0.0	101.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

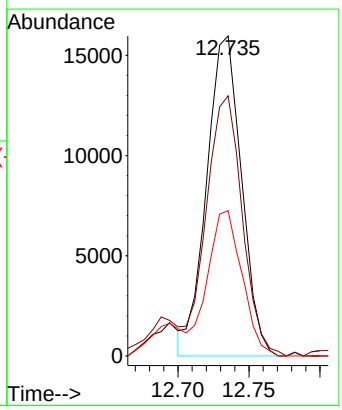


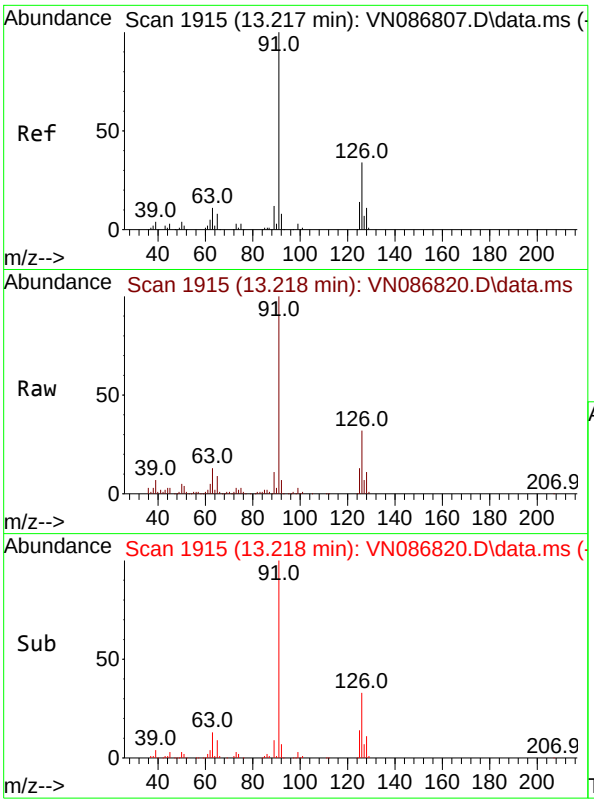


#77
t-1,4-Dichloro-2-butene
Concen: 30.009 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 27280

Ion	Ratio	Lower	Upper
75	100		
53	79.9	43.0	128.8
89	45.4	25.4	76.2





#78
4-Chlorotoluene
Concen: 25.089 ug/l
RT: 13.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

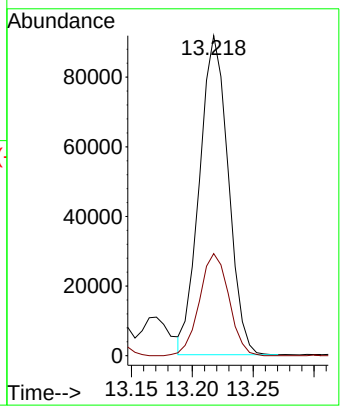
Tgt Ion: 91 Resp: 15062

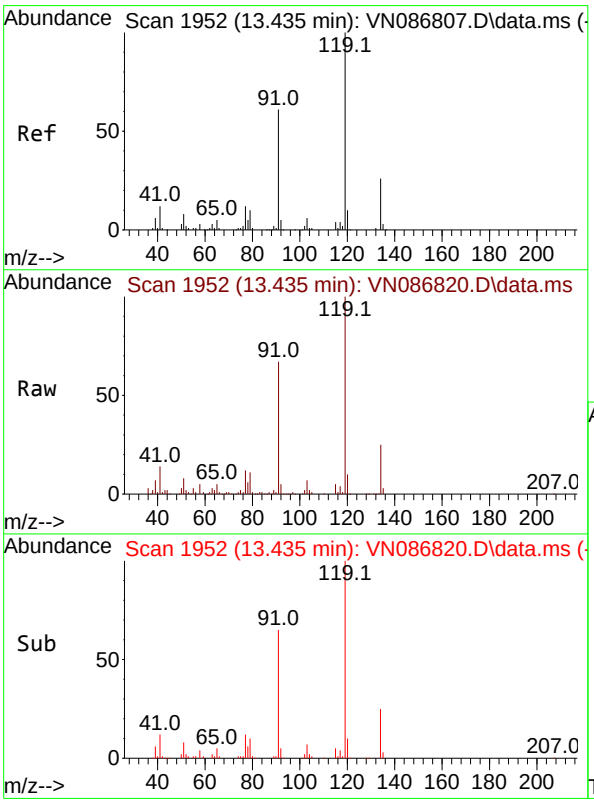
Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	66.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Reviewed By :John Carlone 05/30/2025
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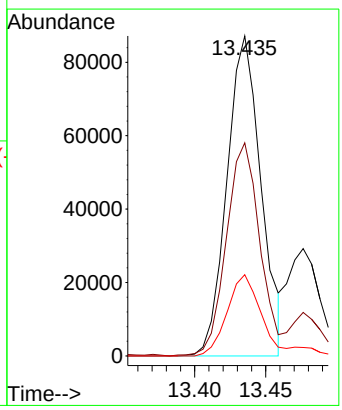


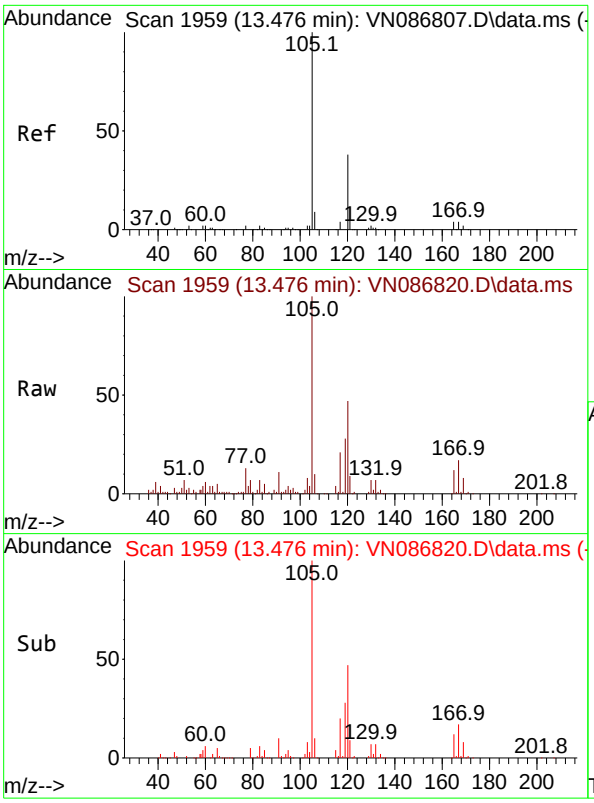


#79
tert-butylbenzene
Concen: 25.330 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:119 Resp: 145238

Ion	Ratio	Lower	Upper
119	100		
91	65.2	0.0	130.4
134	24.9	0.0	50.6





#80
1,2,4-Trimethylbenzene
Concen: 26.209 ug/l
RT: 13.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

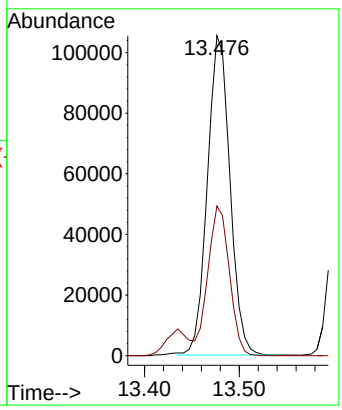
Tgt Ion:105 Resp: 17446

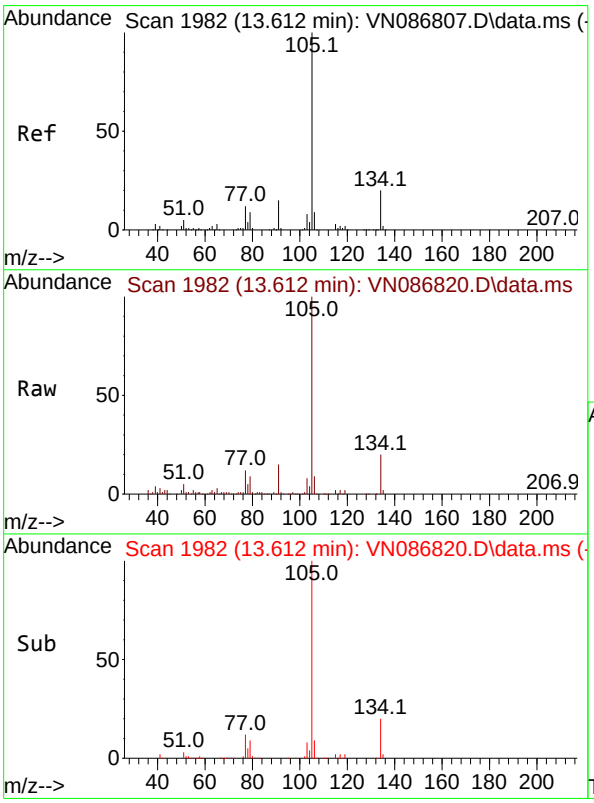
Ion	Ratio	Lower	Upper
105	100		
120	44.4	0.0	92.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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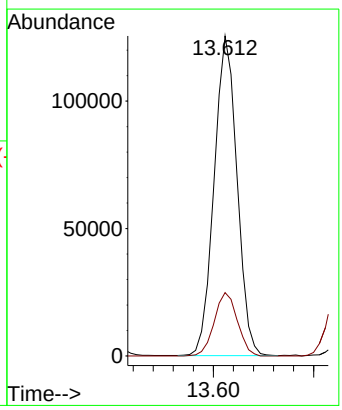


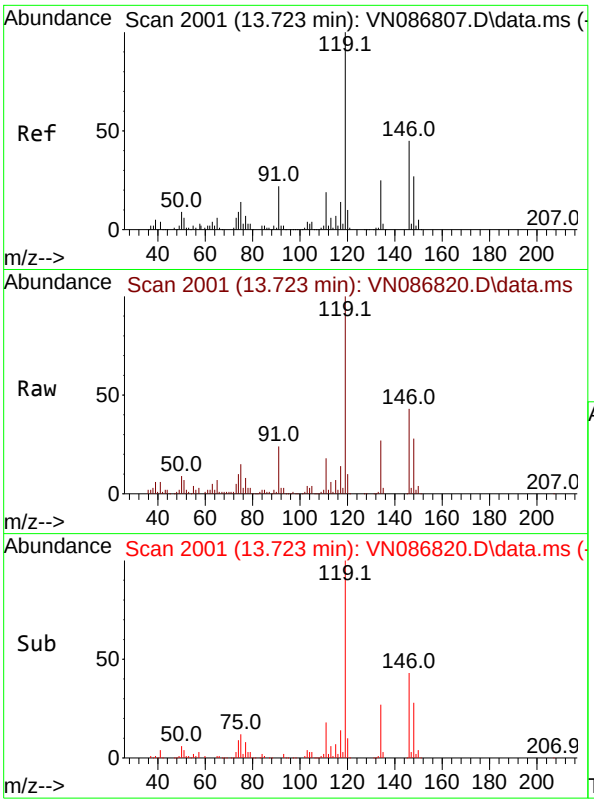


#81
sec-Butylbenzene
Concen: 25.443 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:105 Resp: 198749

Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	40.0





#82
p-Isopropyltoluene
Concen: 25.588 ug/l
RT: 13.723 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

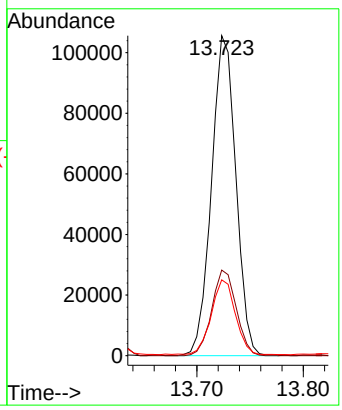
Tgt Ion:119 Resp: 16783

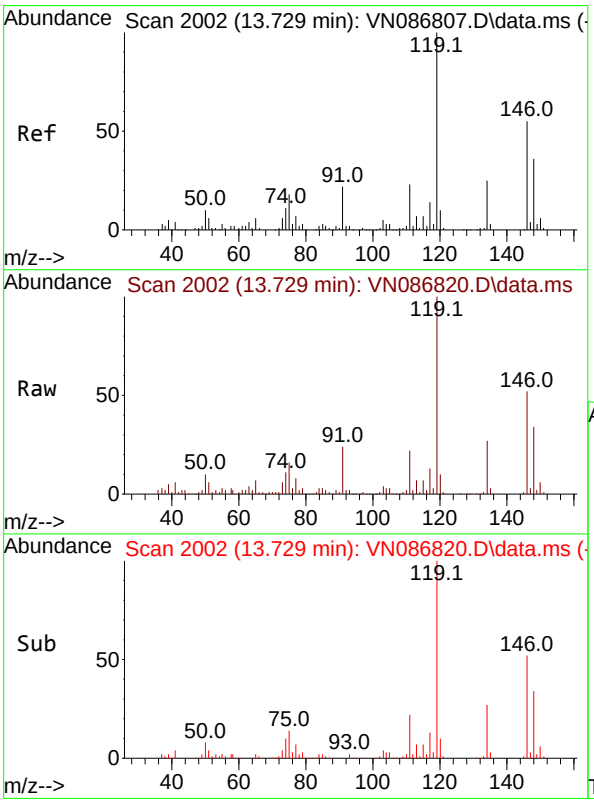
Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	51.8
91	23.2	0.0	45.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

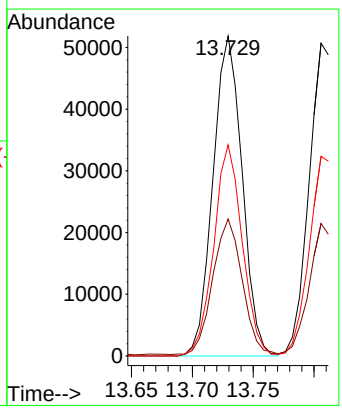


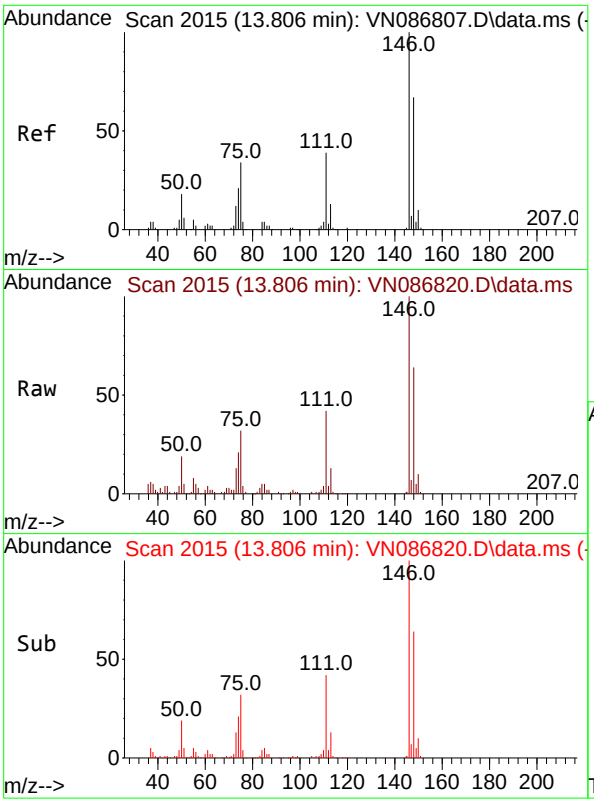


#83
1,3-Dichlorobenzene
Concen: 23.791 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:146 Resp: 86482

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	64.6	32.1	96.5





#84
1,4-Dichlorobenzene
Concen: 24.100 ug/l
RT: 13.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

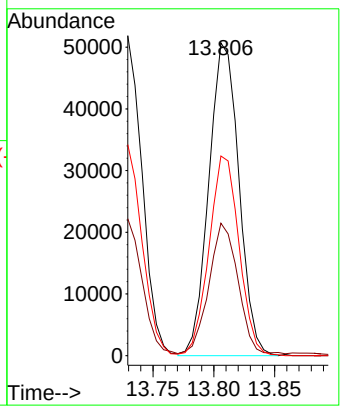
Tgt Ion:146 Resp: 8718

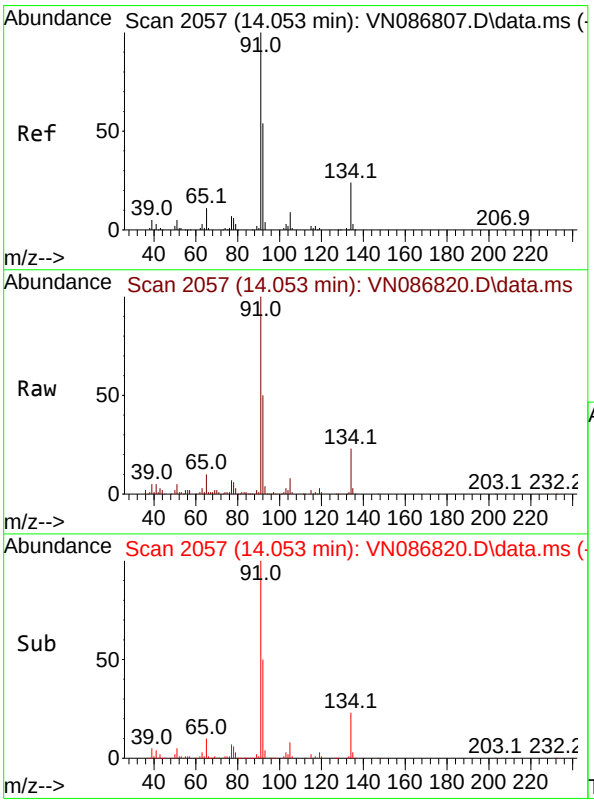
Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.8	59.4
148	63.7	31.9	95.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

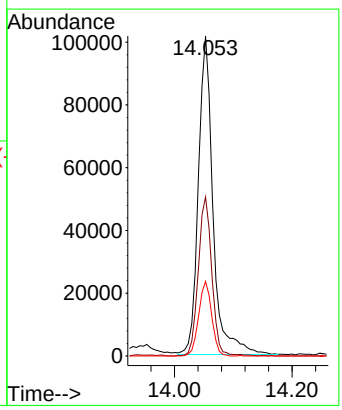


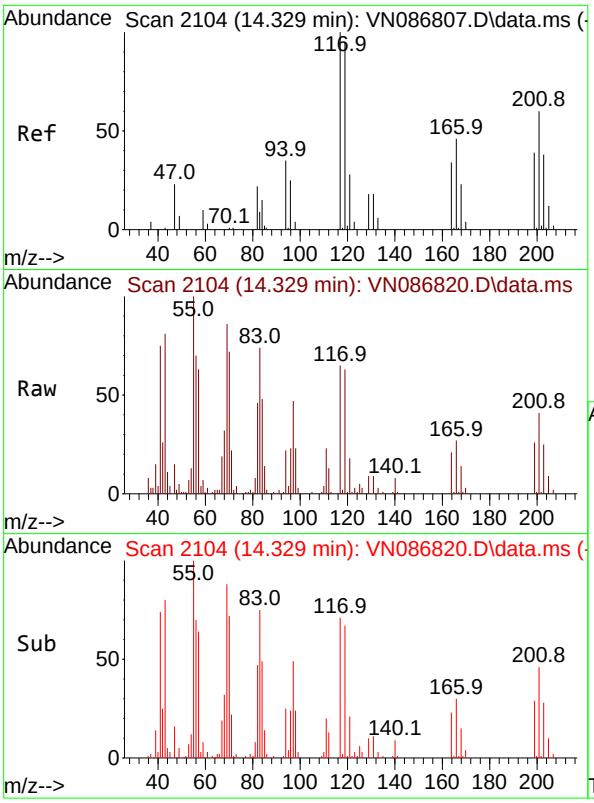


#85
n-Butylbenzene
Concen: 32.129 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 91 Resp: 176426

Ion	Ratio	Lower	Upper
91	100		
92	45.6	0.0	107.6
134	20.6	0.0	50.0





#86
Hexachloroethane
Concen: 26.644 ug/l
RT: 14.329 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

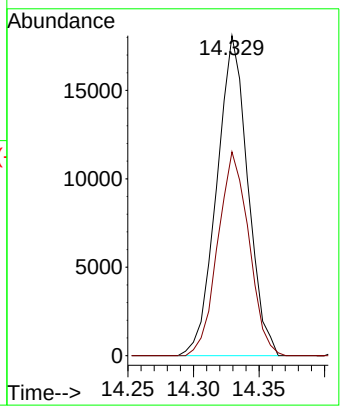
Tgt Ion:117 Resp: 2978

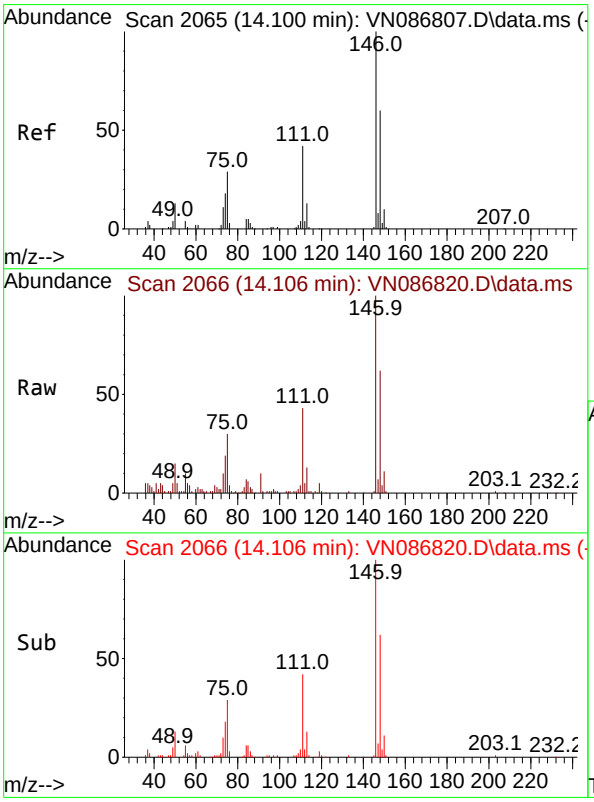
Ion	Ratio	Lower	Upper
117	100		
201	63.9	31.4	94.3

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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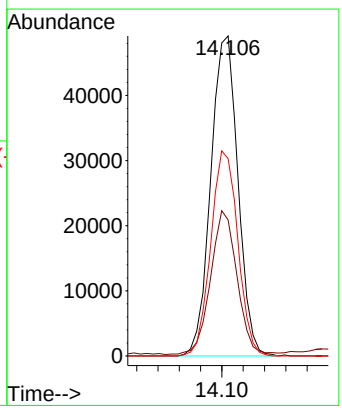


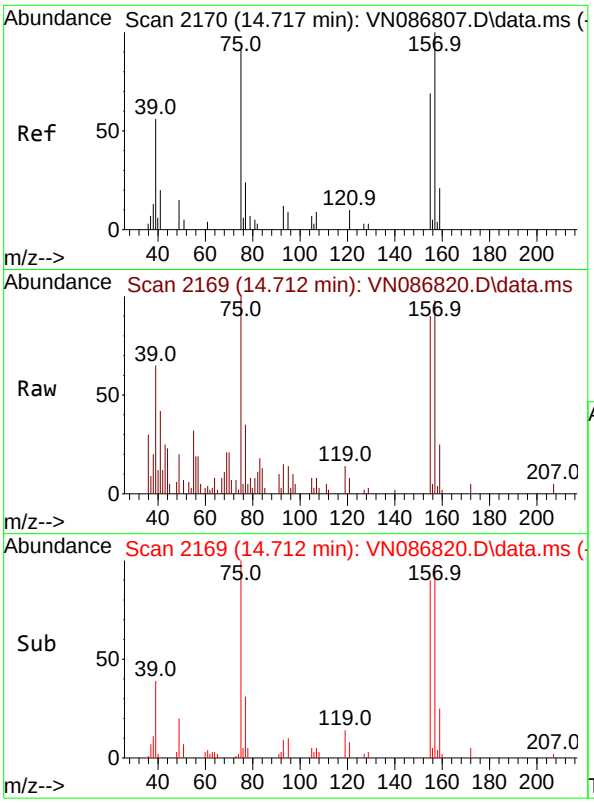


#87
1,2-Dichlorobenzene
Concen: 24.778 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:146 Resp: 86883

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	64.8
148	63.8	31.6	94.7





#88
1,2-Dibromo-3-Chloropropane
Concen: 33.548 ug/l
RT: 14.712 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

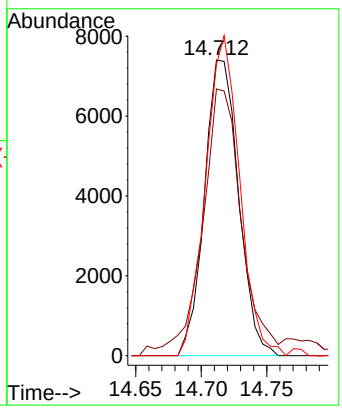
Tgt Ion: 75 Resp: 1339

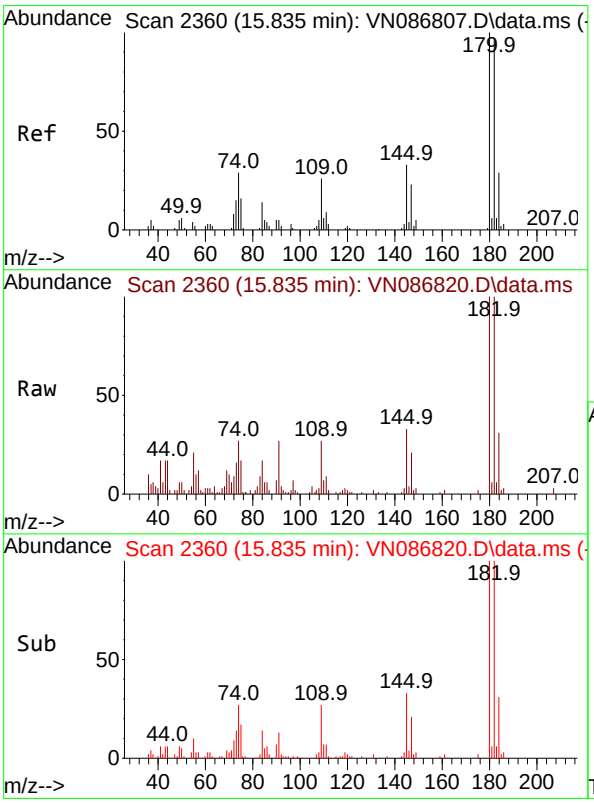
Ion	Ratio	Lower	Upper
75	100		
155	102.0	62.9	94.3#
157	108.1	84.0	126.0

Instrument :
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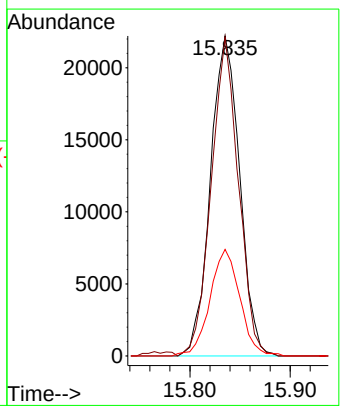


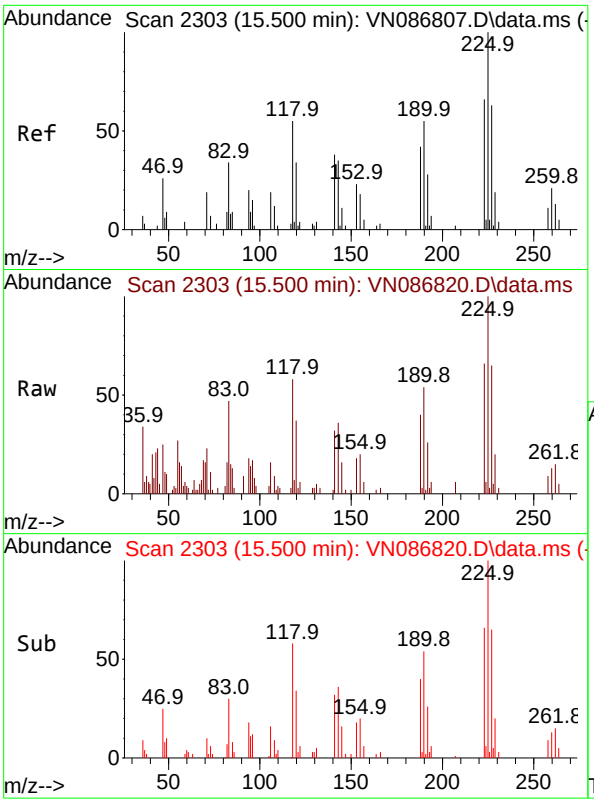


#89
1,2,4-Trichlorobenzene
Concen: 30.626 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:180 Resp: 44943

Ion	Ratio	Lower	Upper
180	100		
182	92.7	78.2	117.2
145	33.9	28.0	42.0





#90
Hexachlorobutadiene
Concen: 25.982 ug/l
RT: 15.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

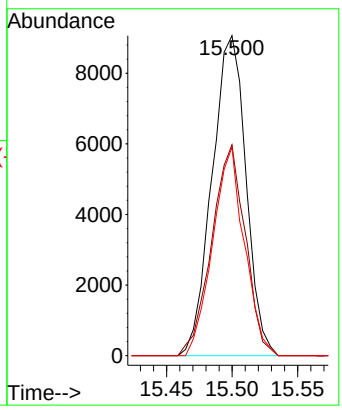
Tgt Ion:225 Resp: 1634

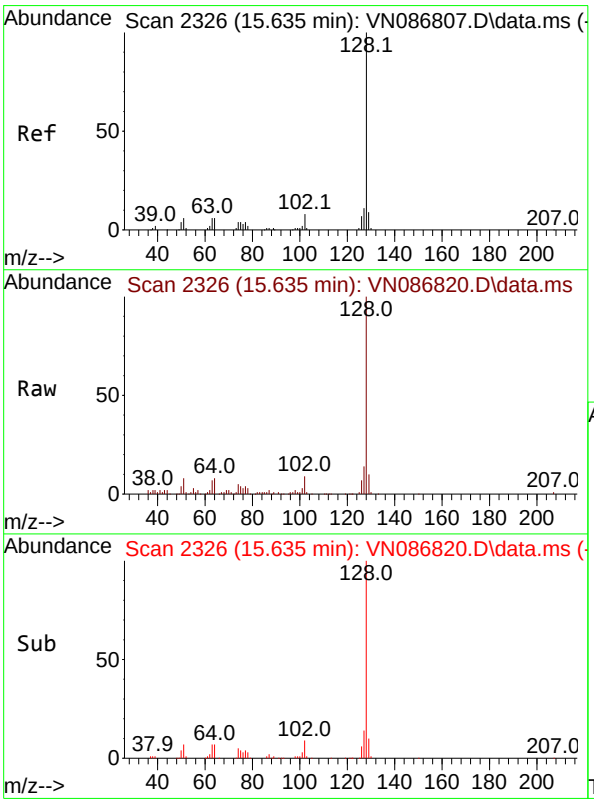
Ion	Ratio	Lower	Upper
225	100		
223	65.2	0.0	135.8
227	60.7	0.0	125.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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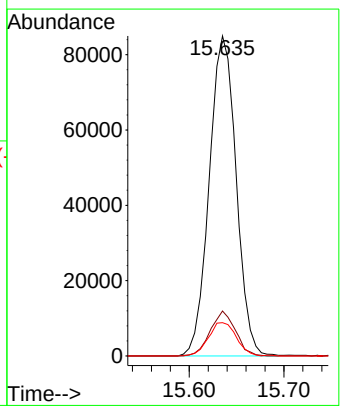


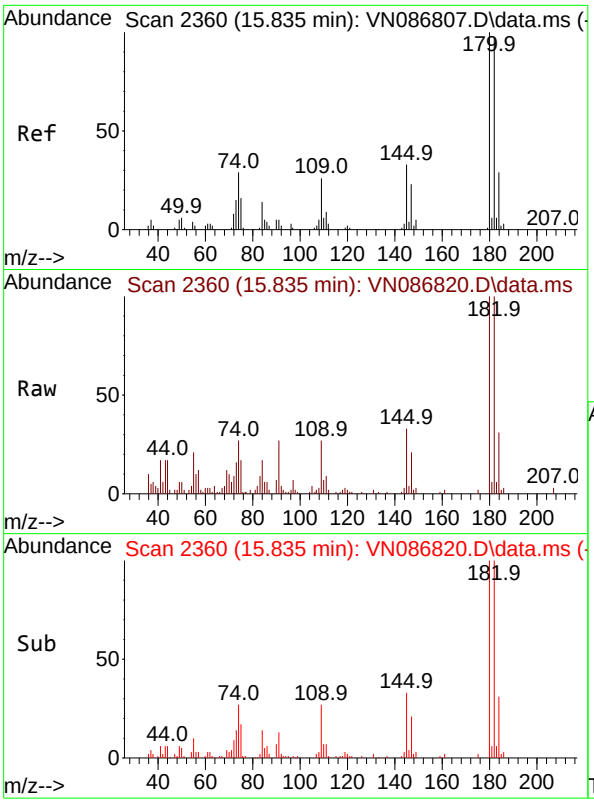


#91
Naphthalene
Concen: 32.814 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:128 Resp: 168013

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.8	14.6
129	10.8	8.6	13.0

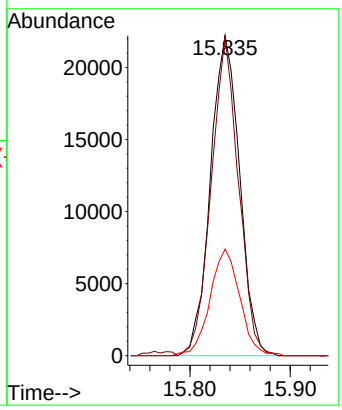




#92
1,2,3-Trichlorobenzene
Concen: 30.626 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:180 Resp: 4494

Ion	Ratio	Lower	Upper
180	100		
182	92.7	0.0	195.4
145	33.9	0.0	70.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

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Supervised By :Mahesh Dadoda 05/30/2025

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

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-001MSD	SDG No.:	Q2098
Lab Sample ID:	Q2098-03MSD	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086821.D	1		05/29/25 17:49	VN052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
141-78-6	Ethyl Acetate	20.9		1.30	5.00	ug/L
108-21-4	Isopropyl Acetate	22.5		1.00	5.00	ug/L
67-64-1	Acetone	290		4.60	25.0	ug/L
75-09-2	Methylene Chloride	23.7		0.86	5.00	ug/L
628-63-7	n-amyl Acetate	25.3		0.81	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.8		91 - 110	106%	SPK: 30
2037-26-5	Toluene-d8	30.2		91 - 112	101%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.6		63 - 112	99%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	43200	7.812			
540-36-3	1,4-Difluorobenzene	258000	9.094			
3114-55-4	Chlorobenzene-d5	224000	11.865			

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\VN052925\
Data File : VN086821.D
Acq On : 29 May 2025 17:49
Operator : JC\MD
Sample : Q2098-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 30 02:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	43151	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	257974	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	224139	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	94371	31.831	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.100%			
60) 4-Bromofluorobenzene	12.841	95	104243	29.623	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.733%			
63) Toluene-d8	10.565	98	310504	30.182	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	59519	20.309	ug/l	98
3) Chloromethane	2.365	50	118517	31.365	ug/l	100
4) Vinyl Chloride	2.512	62	70631	20.311	ug/l	100
5) Bromomethane	2.965	94	29552	16.039	ug/l	97
6) Chloroethane	3.124	64	56759m	26.686	ug/l	
7) Trichlorofluoromethane	3.500	101	83340	20.462	ug/l	99
8) Diethyl Ether	3.953	74	35622	20.967	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	52379	20.984	ug/l	98
10) 1,1-Dichloroethene	4.342	96	52457	20.614	ug/l	99
11) Methyl Iodide	4.589	142	55811	18.605	ug/l	99
12) Methyl Acetate	5.018	43	63684	22.534	ug/l	98
13) Acrolein	4.183	56	46039	157.692	ug/l	99
14) Acrylonitrile	5.718	53	142232	108.150	ug/l	98
15) Acetone	4.424	58	97289	292.171	ug/l	88
16) Carbon Disulfide	4.712	76	155318	20.909	ug/l	99
17) Allyl chloride	5.024	41	82802	21.902	ug/l	98
18) Methylene Chloride	5.271	84	69899	23.652	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	55914	20.996	ug/l	92
20) Diisopropyl ether	6.665	45	185856	22.322	ug/l	97
21) 1,1-Dichloroethane	6.565	63	106126	21.120	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	68298	21.177	ug/l	99
23) tert-Butyl Alcohol	5.512	59	51161	121.140	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	189124	22.550	ug/l	99
25) Chloroform	7.965	83	202721	41.219	ug/l	100
26) Cyclohexane	8.253	56	97050	22.316	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	77543	20.444	ug/l	99
30) 2-Butanone	7.477	43	183646	110.504	ug/l	100
31) 2,2-Dichloropropane	7.483	77	91032	20.332	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	90907	20.676	ug/l	100
33) Carbon Tetrachloride	8.359	117	75818	20.173	ug/l	98
34) Benzene	8.600	78	249326	20.203	ug/l	99
35) Methacrylonitrile	7.771	41	43061	22.556	ug/l	96
36) 1,2-Dichloroethane	8.665	62	75590	20.902	ug/l	98
37) Trichloroethene	9.347	130	58049	16.958	ug/l	97
38) Methylcyclohexane	9.594	83	90170	21.426	ug/l	98
39) 1,2-Dichloropropane	9.618	63	60277	20.287	ug/l	98
40) Dibromomethane	9.706	93	39849	20.506	ug/l	99
41) Bromodichloromethane	9.882	83	101189	24.876	ug/l	97
42) Vinyl Acetate	6.600	43	697258	143.935	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086821.D
Acq On : 29 May 2025 17:49
Operator : JC\MD
Sample : Q2098-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 30 02:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	71241m	20.949	ug/l	
44) Isopropyl Acetate	8.682	43	131083	22.470	ug/l	99
45) 1,4-Dioxane	9.694	88	22048	425.230	ug/l	98
46) Methyl methacrylate	9.677	41	64179	23.860	ug/l	98
47) n-amyl Acetate	12.488	43	118604	25.325	ug/l	96
48) t-1,3-Dichloropropene	10.829	75	93278	21.429	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	99231	20.725	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	56032	20.472	ug/l	98
51) Ethyl methacrylate	10.871	69	98045	22.119	ug/l	98
52) 1,3-Dichloropropane	11.159	76	98625	20.305	ug/l	100
53) Dibromochloromethane	11.353	129	66931	21.640	ug/l	99
54) 1,2-Dibromoethane	11.465	107	57001	20.374	ug/l	99
56) Bromoform	12.576	173	41441	21.265	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	386060	117.384	ug/l	99
59) 2-Hexanone	11.194	43	273247	115.988	ug/l	98
61) Tetrachloroethene	11.100	164	47210	12.530	ug/l	93
62) Toluene	10.624	91	262386	20.786	ug/l	99
64) Chlorobenzene	11.888	112	163895	20.358	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.953	131	55278	20.901	ug/l	99
66) Ethyl Benzene	11.959	91	289610	21.211	ug/l	94
67) m/p-Xylenes	12.065	106	220975	41.242	ug/l	99
68) o-Xylene	12.394	106	108396	20.875	ug/l	100
69) Styrene	12.406	104	178375	20.619	ug/l	99
70) Isopropylbenzene	12.694	105	258427	20.925	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	81687	27.819	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	71196m	20.688	ug/l	
73) Bromobenzene	12.976	156	59826	19.489	ug/l	92
74) n-propylbenzene	13.029	91	304564	20.819	ug/l	99
75) 2-Chlorotoluene	13.123	91	194919	20.759	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	210786	20.516	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	32773	23.271	ug/l	92
78) 4-Chlorotoluene	13.217	91	188636	20.281	ug/l	99
79) tert-butylbenzene	13.435	119	182469	20.541	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	216398	20.983	ug/l	97
81) sec-Butylbenzene	13.612	105	246845	20.397	ug/l	99
82) p-Isopropyltoluene	13.723	119	212101	20.873	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	110880	19.689	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	108653	19.388	ug/l	99
85) n-Butylbenzene	14.053	91	194982	22.920	ug/l	96
86) Hexachloroethane	14.329	117	36476	21.062	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	107291	19.750	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16612	26.865	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	55086	24.230	ug/l	99
90) Hexachlorobutadiene	15.500	225	20363	20.898	ug/l	97
91) Naphthalene	15.635	128	209948	26.467	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	55086	24.230	ug/l	99

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

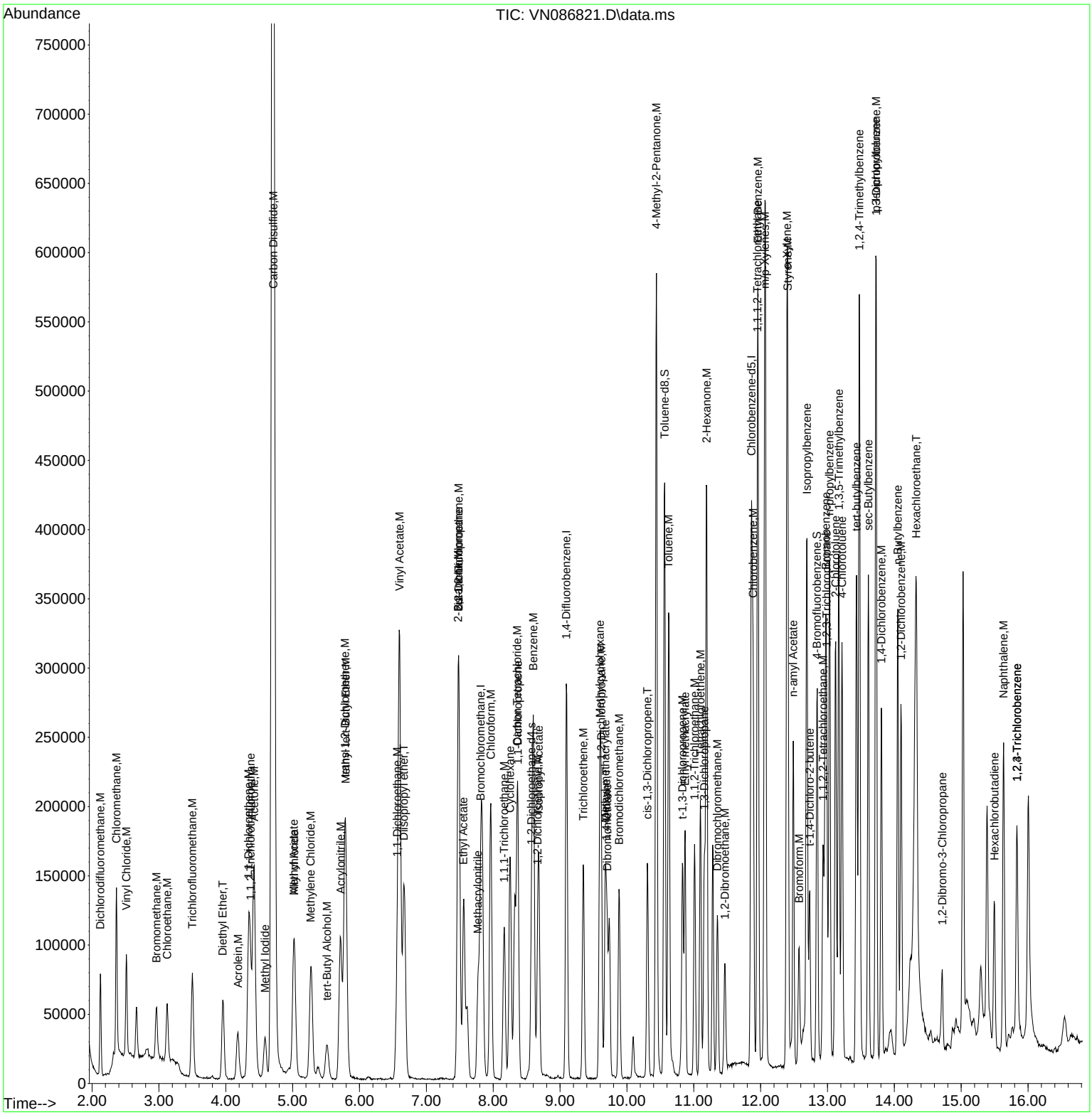
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
Data File : VN086821.D
Acq On : 29 May 2025 17:49
Operator : JC\MD
Sample : Q2098-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

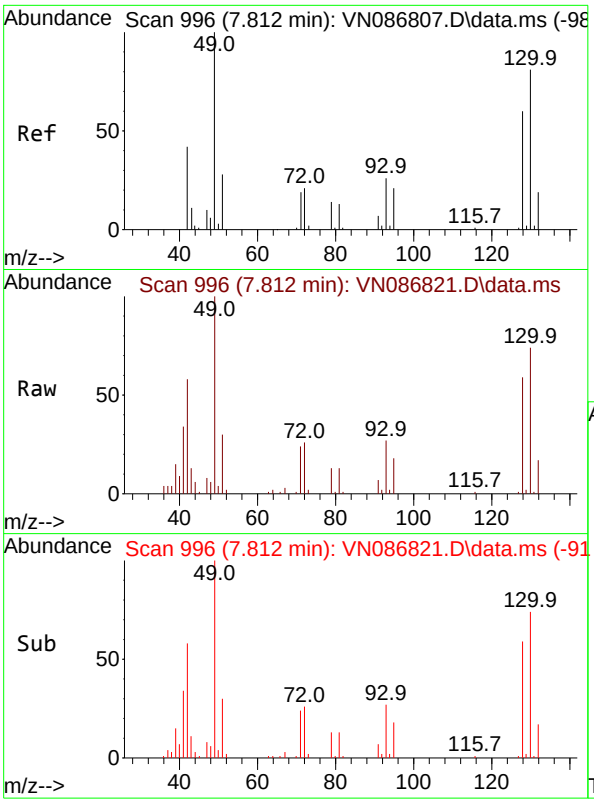
Quant Time: May 30 02:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

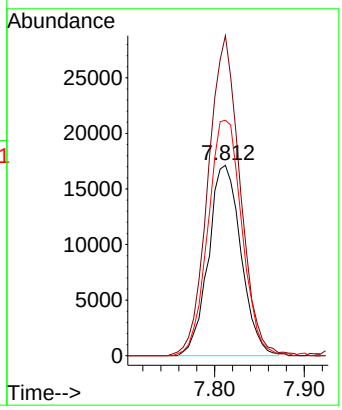
Tgt Ion:128 Resp: 4315

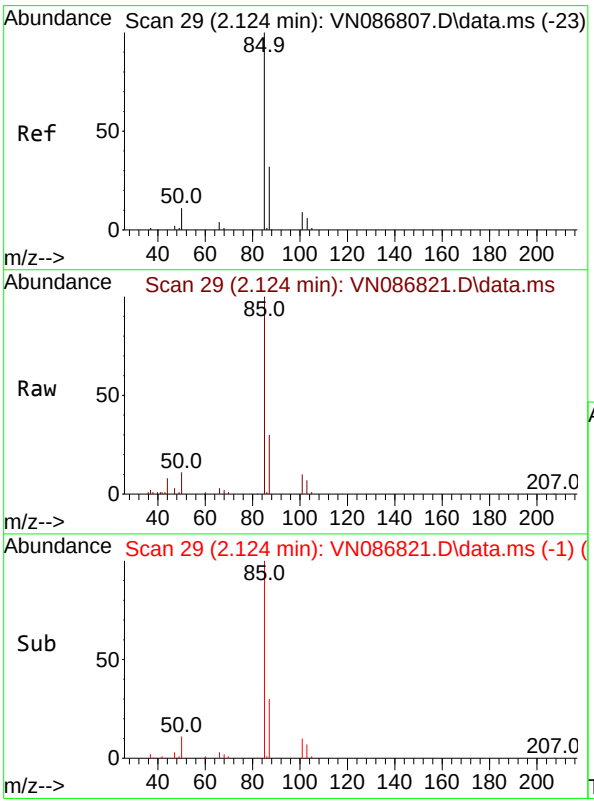
Ion	Ratio	Lower	Upper
128	100		
49	165.0	0.0	404.5
130	128.6	0.0	322.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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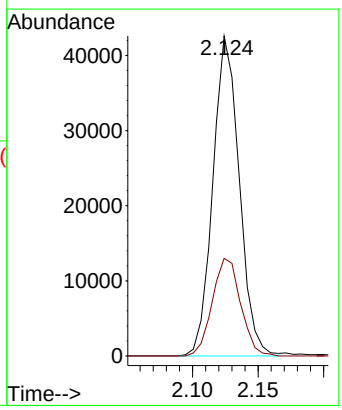


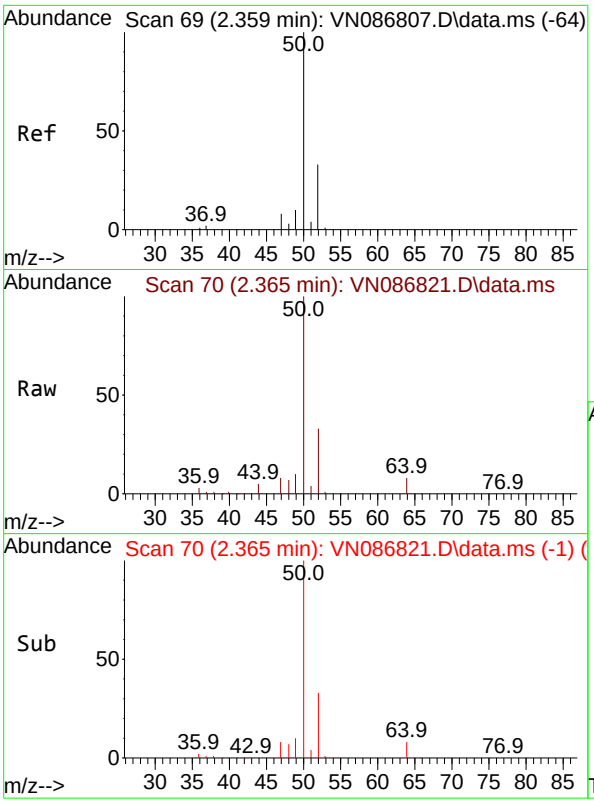


#2
Dichlorodifluoromethane
Concen: 20.309 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 85 Resp: 59519

Ion	Ratio	Lower	Upper
85	100		
87	30.5	15.9	47.7

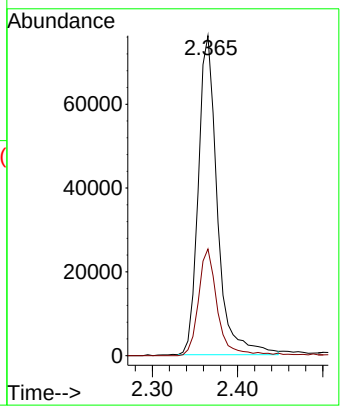




#3
Chloromethane
Concen: 31.365 ug/l
RT: 2.365 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 50 Resp: 11851

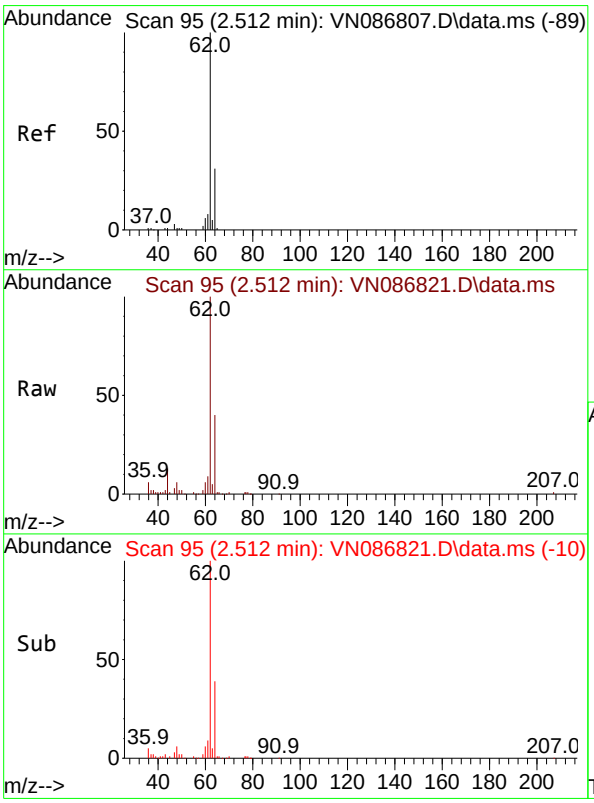
Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.6	40.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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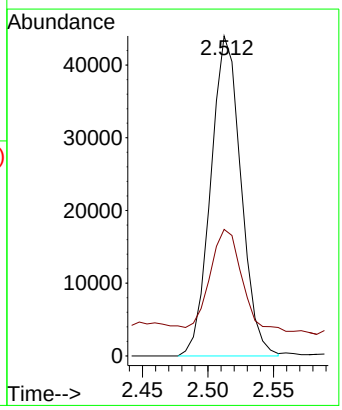
Reviewed By :John Carlone 05/30/2025
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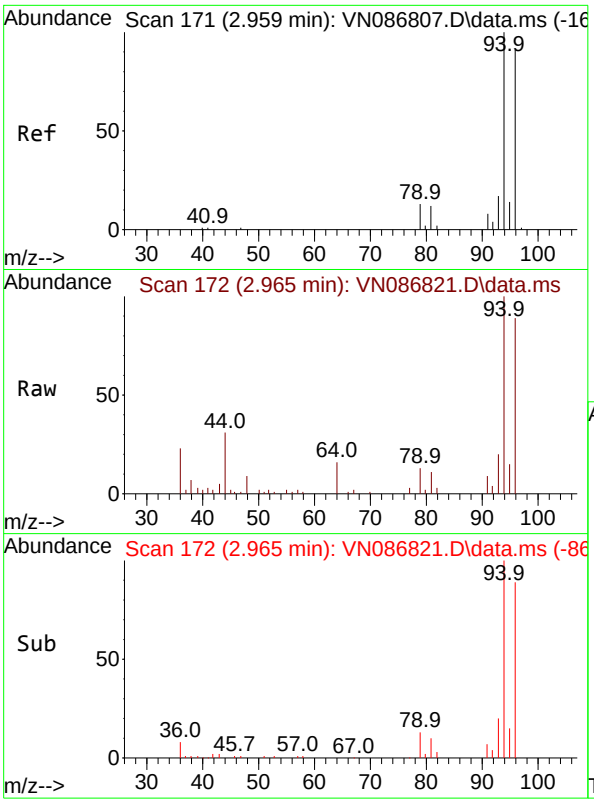


#4
Vinyl Chloride
Concen: 20.311 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 62 Resp: 70631

Ion	Ratio	Lower	Upper
62	100		
64	30.6	24.6	36.8





#5
Bromomethane
Concen: 16.039 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

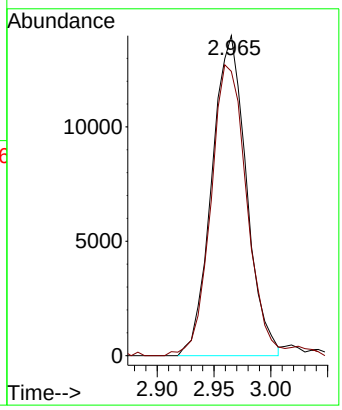
Tgt Ion: 94 Resp: 2955

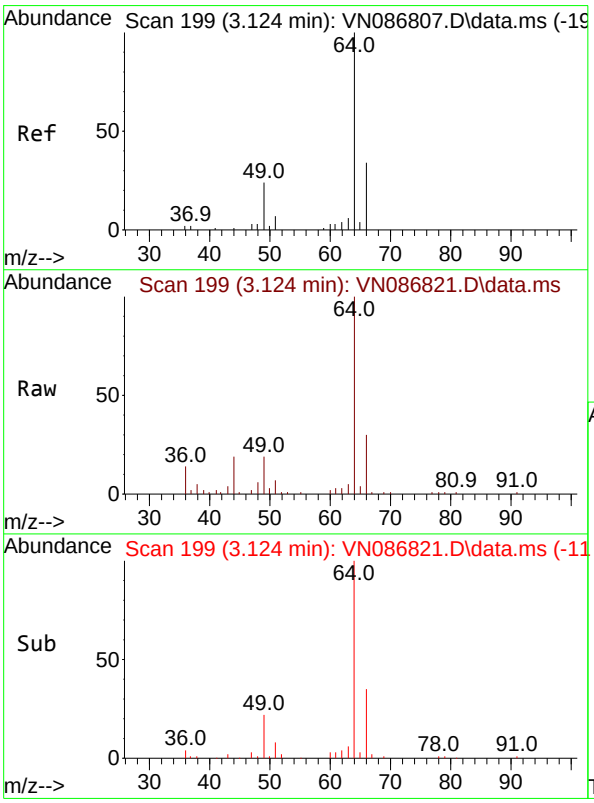
Ion	Ratio	Lower	Upper
94	100		
96	87.8	72.7	109.1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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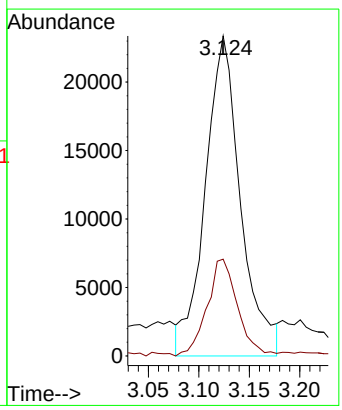


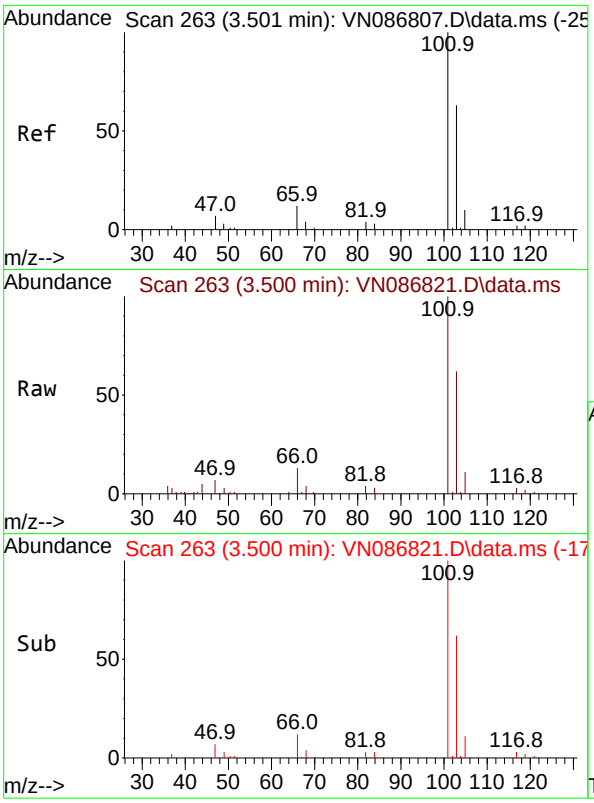


#6
Chloroethane
Concen: 26.686 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 64 Resp: 56759

Ion	Ratio	Lower	Upper
64	100		
66	30.2	27.5	41.3





#7
Trichlorofluoromethane
Concen: 20.462 ug/l
RT: 3.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

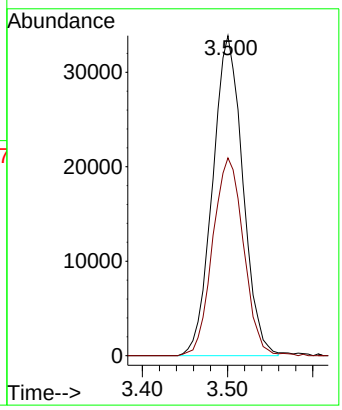
Tgt Ion:101 Resp: 8334

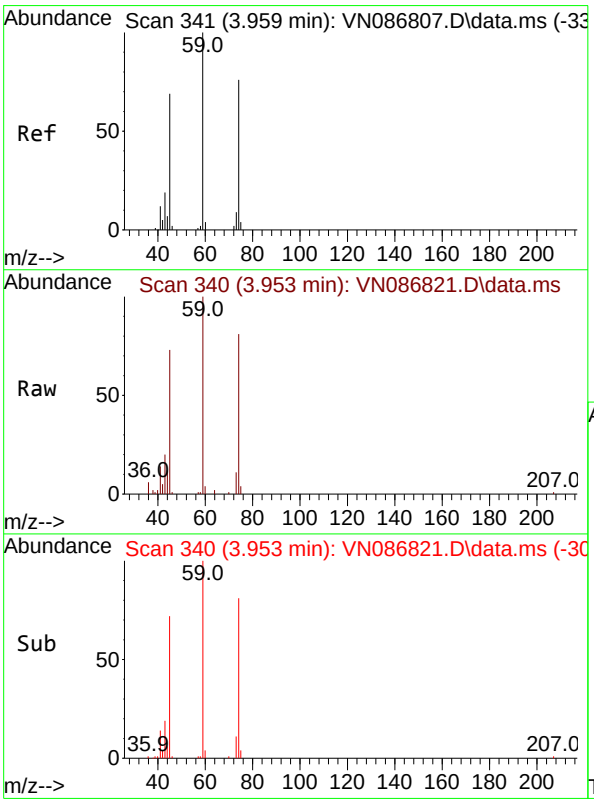
Ion	Ratio	Lower	Upper
101	100		
103	61.8	50.0	75.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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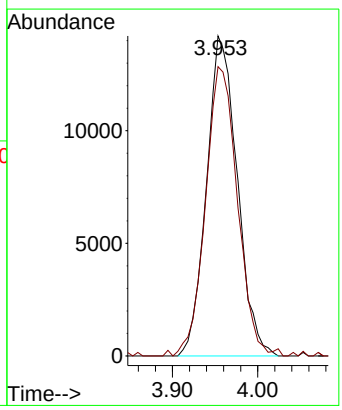


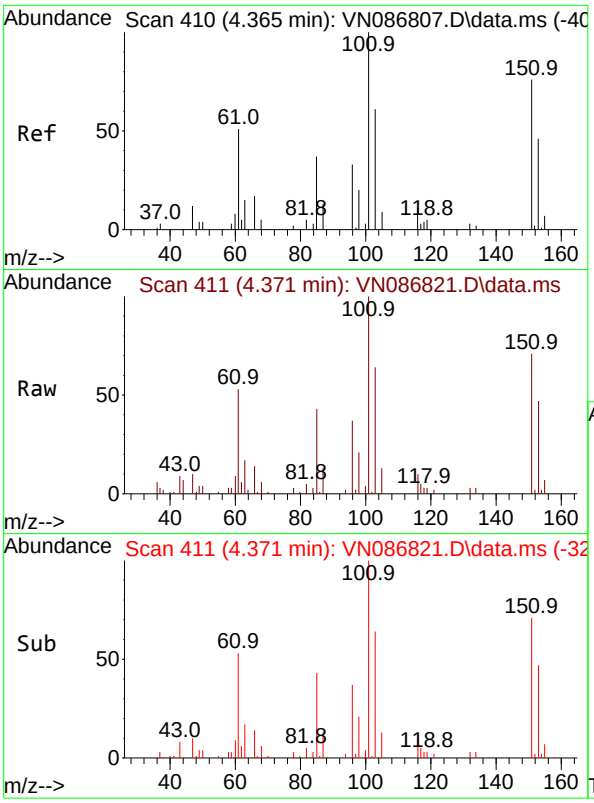


#8
Diethyl Ether
Concen: 20.967 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 74 Resp: 35622

Ion	Ratio	Lower	Upper
74	100		
45	93.2	17.9	161.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.984 ug/l
RT: 4.371 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

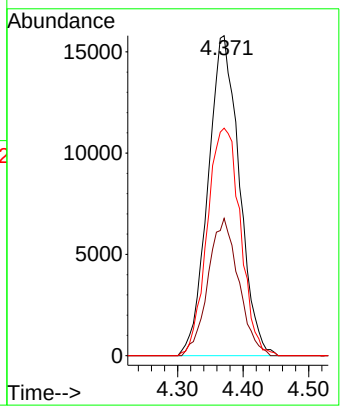
Tgt Ion:101 Resp: 5237

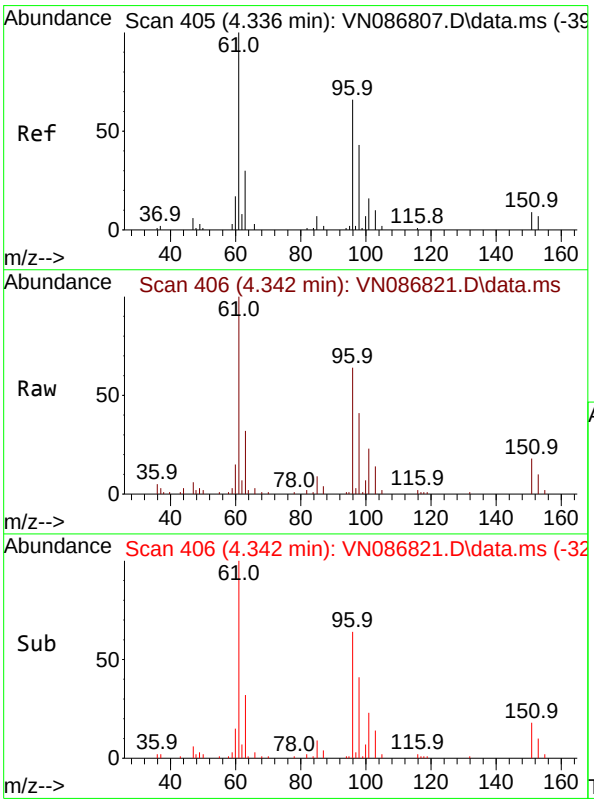
Ion	Ratio	Lower	Upper
101	100		
85	41.9	0.0	83.2
151	75.2	0.0	145.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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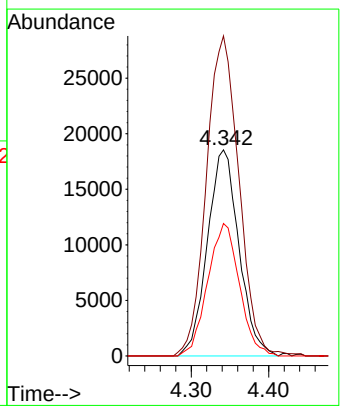


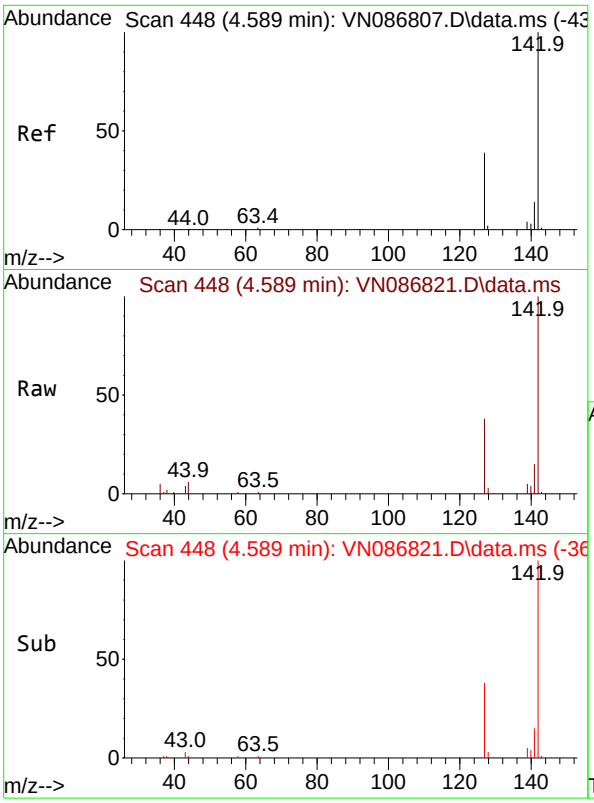


#10
1,1-Dichloroethene
Concen: 20.614 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 96 Resp: 52457

Ion	Ratio	Lower	Upper
96	100		
61	153.4	121.7	182.5
98	64.3	51.9	77.9

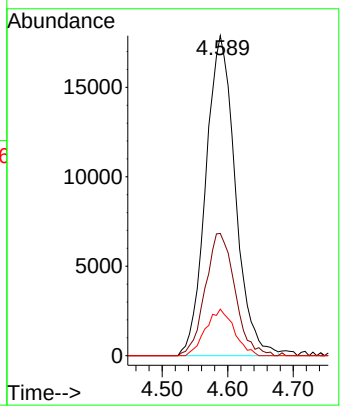




#11
Methyl Iodide
Concen: 18.605 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:142 Resp: 5581

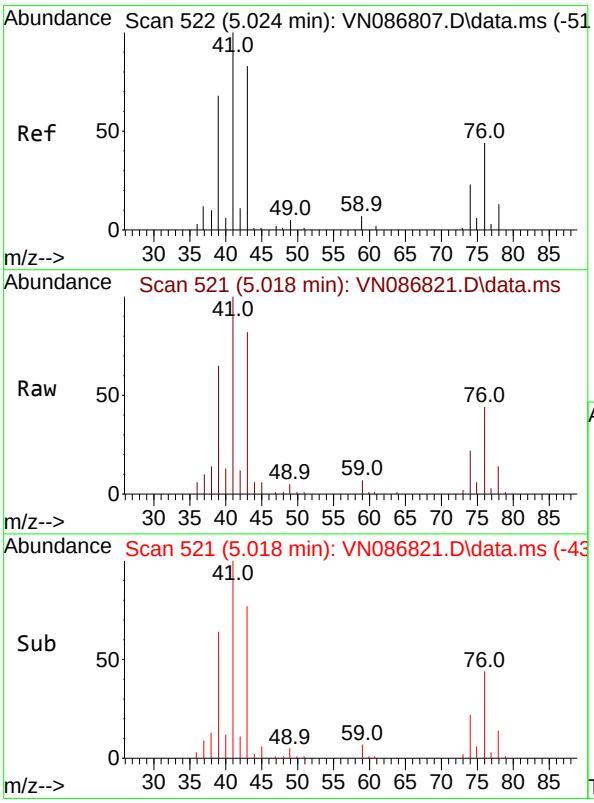
Ion	Ratio	Lower	Upper
142	100		
127	38.5	19.5	58.5
141	14.7	7.1	21.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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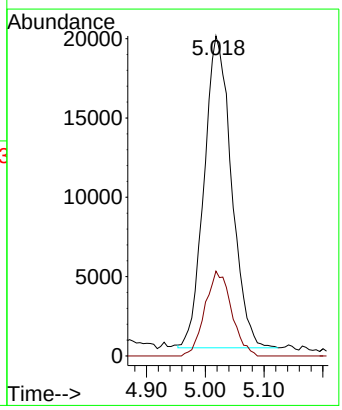
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

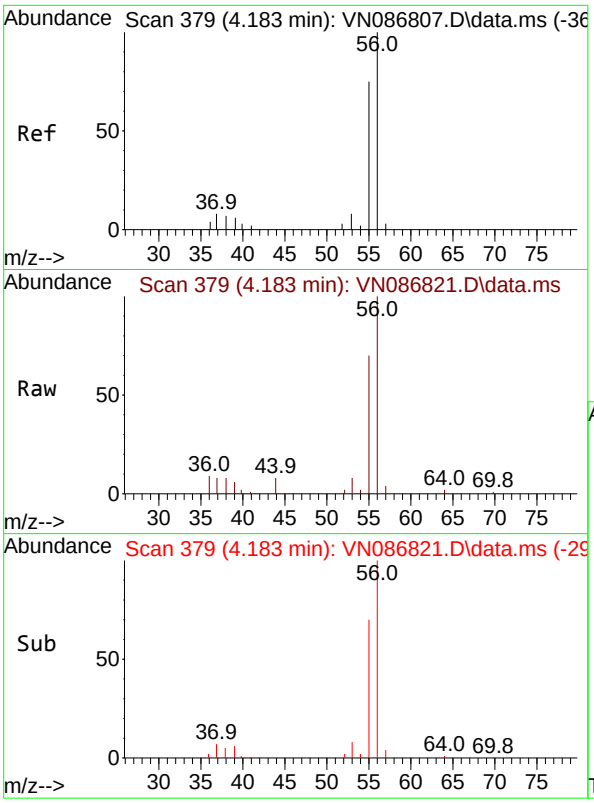


#12
Methyl Acetate
Concen: 22.534 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 43 Resp: 63684

Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.7	34.1

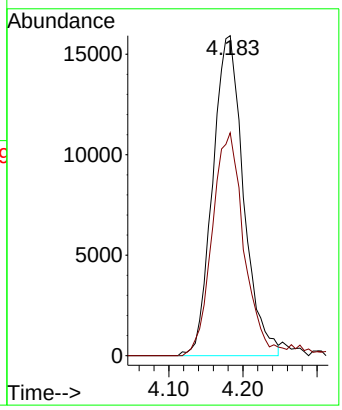




#13
Acrolein
Concen: 157.692 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 56 Resp: 4603

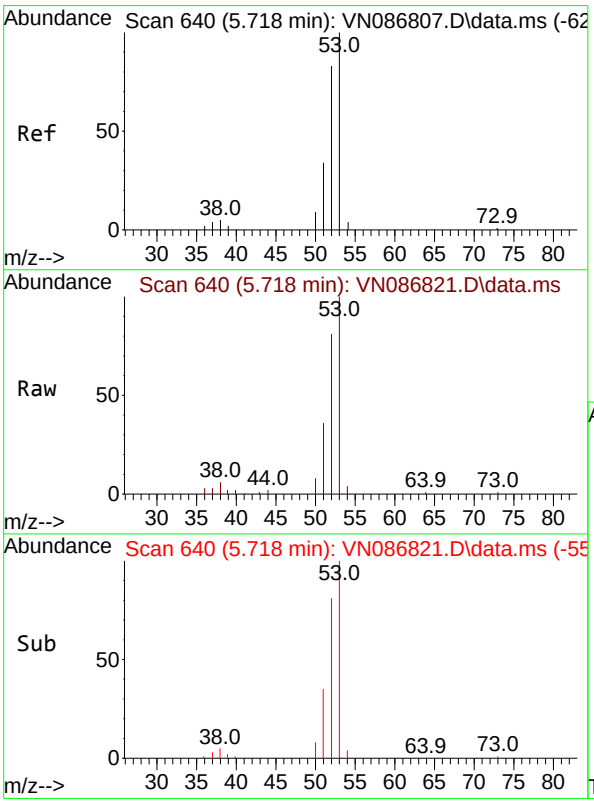
Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.9	83.9



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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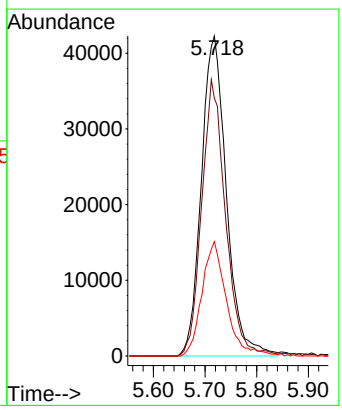
Reviewed By :John Carlone 05/30/2025
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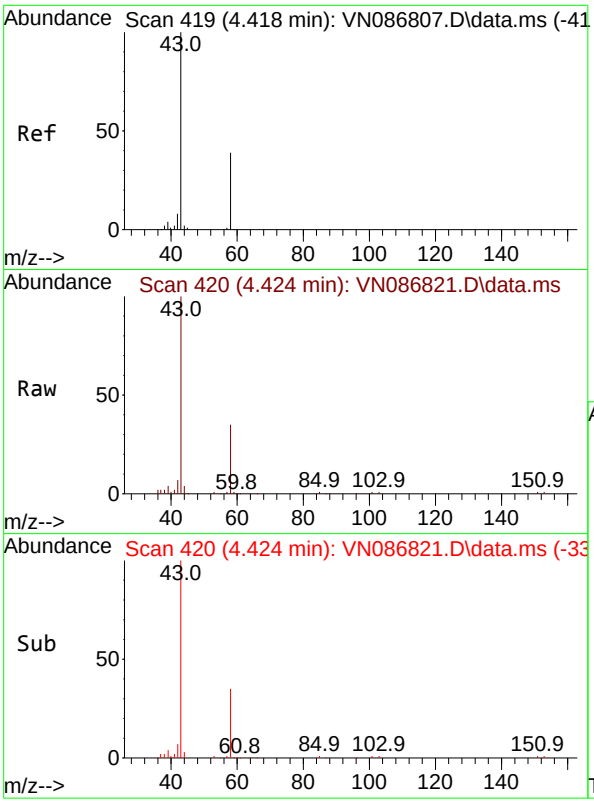


#14
Acrylonitrile
Concen: 108.150 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 53 Resp: 142232

Ion	Ratio	Lower	Upper
53	100		
52	81.2	40.0	119.9
51	33.8	17.5	52.6





#15
Acetone
Concen: 292.171 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

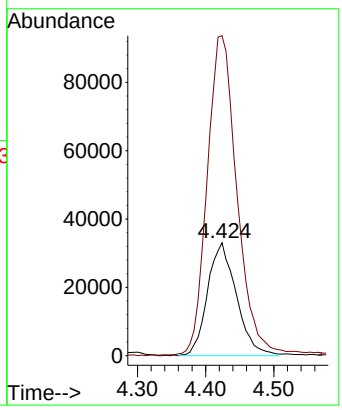
Tgt Ion: 58 Resp: 9728

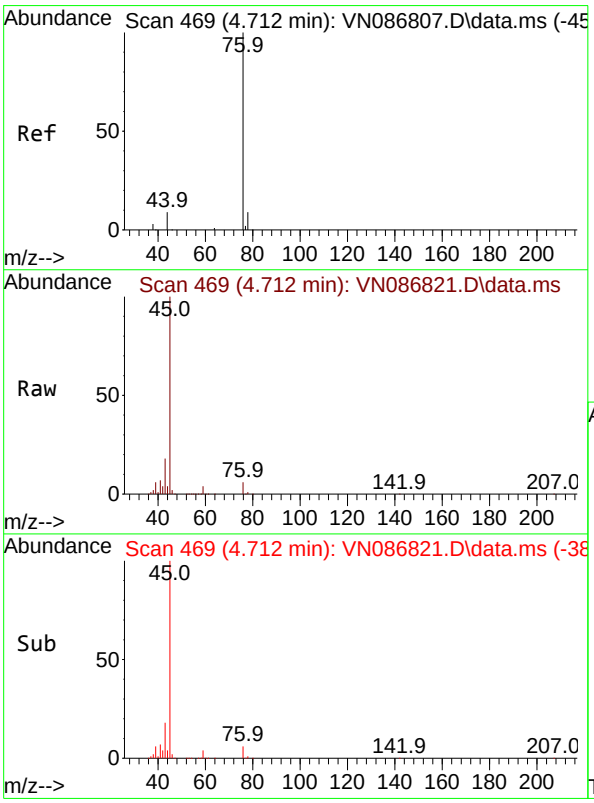
Ion	Ratio	Lower	Upper
58	100		
43	281.8	207.7	311.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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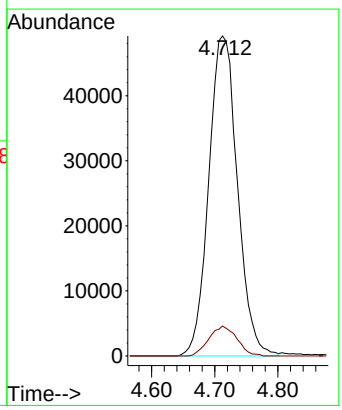


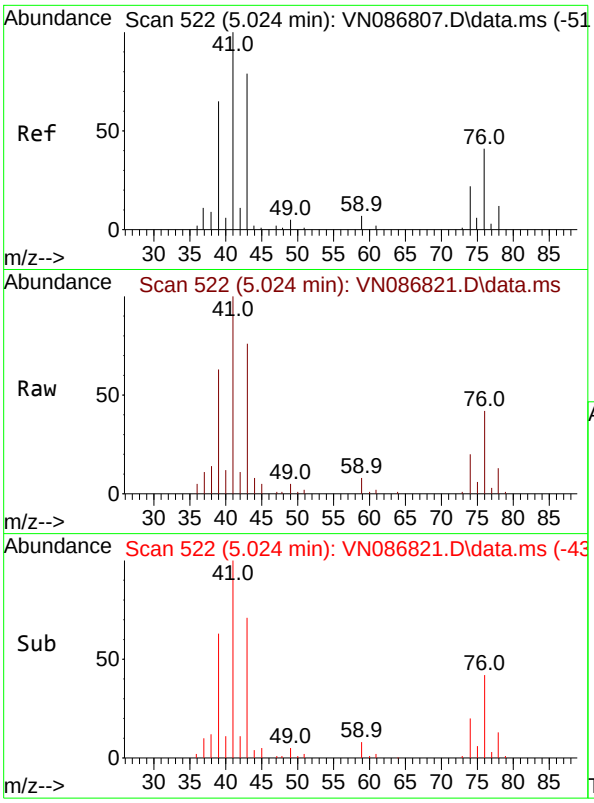


#16
Carbon Disulfide
Concen: 20.909 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 76 Resp: 155318

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

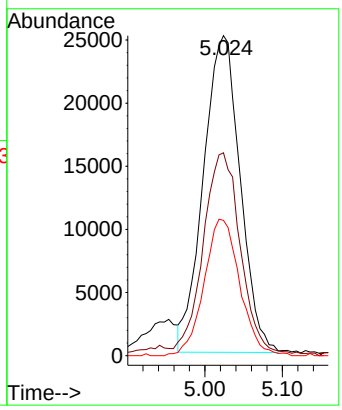




#17
Allyl chloride
Concen: 21.902 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 41 Resp: 8280

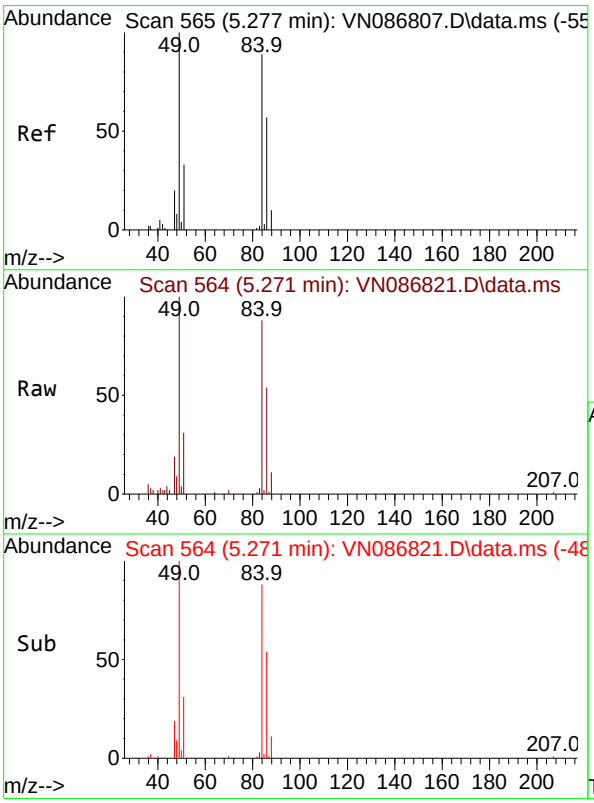
Ion	Ratio	Lower	Upper
41	100		
39	62.9	31.6	94.8
76	42.2	20.1	60.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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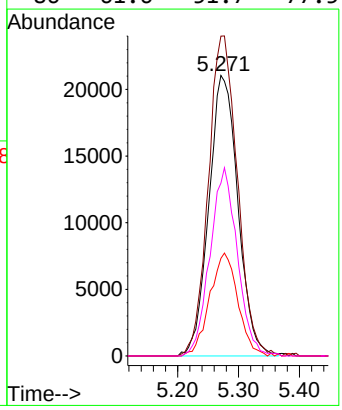
Reviewed By :John Carlone 05/30/2025
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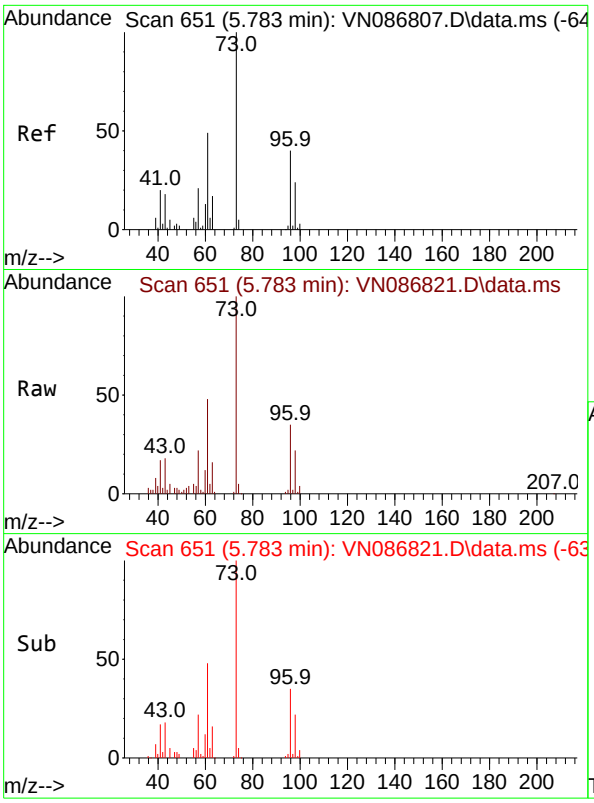


#18
Methylene Chloride
Concen: 23.652 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 84 Resp: 69899

Ion	Ratio	Lower	Upper
84	100		
49	114.0	89.9	134.9
51	34.8	29.6	44.4
86	61.6	51.7	77.5

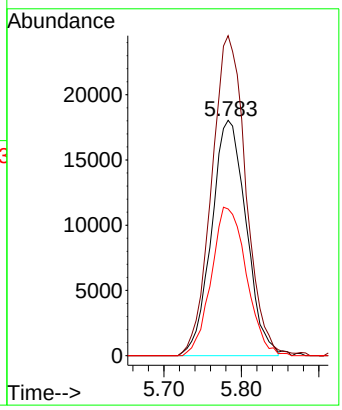




#19
trans-1,2-Dichloroethene
Concen: 20.996 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 96 Resp: 5591

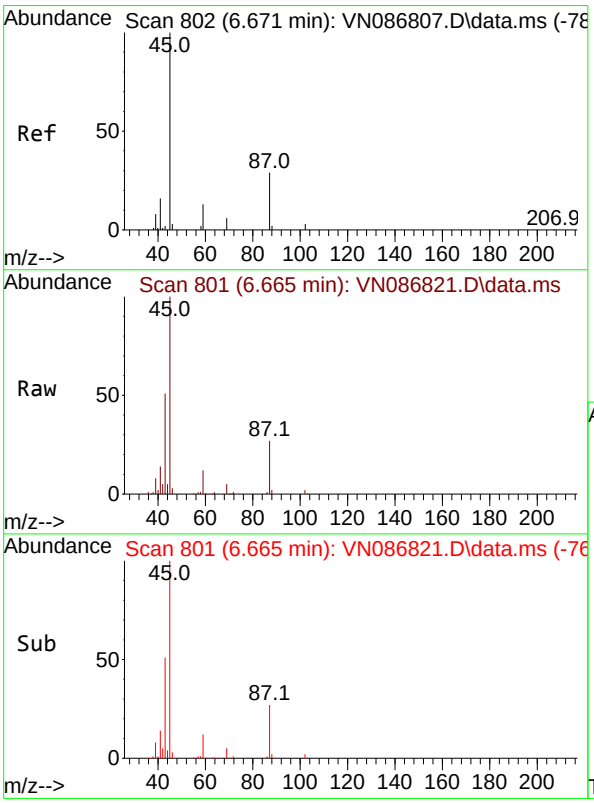
Ion	Ratio	Lower	Upper
96	100		
61	136.0	98.9	148.3
98	62.3	49.0	73.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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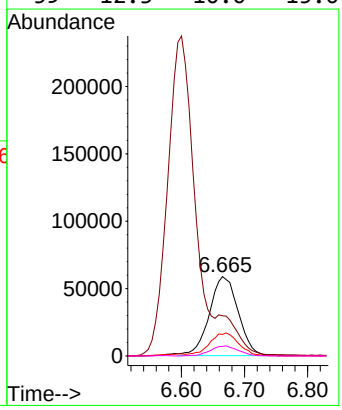
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

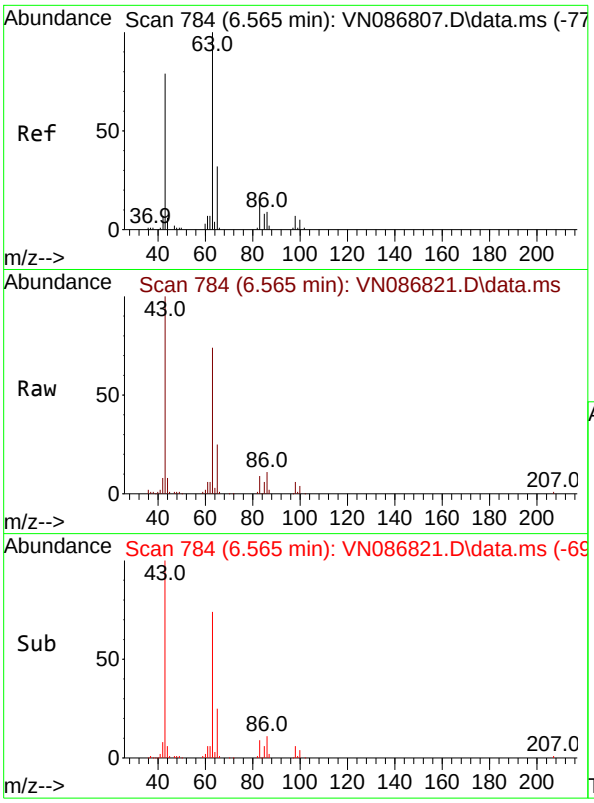


#20
Diisopropyl ether
Concen: 22.322 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 45 Resp: 185856

Ion	Ratio	Lower	Upper
45	100		
43	49.2	40.3	60.5
87	27.4	24.1	36.1
59	12.3	10.0	15.0





#21
1,1-Dichloroethane
Concen: 21.120 ug/l
RT: 6.565 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

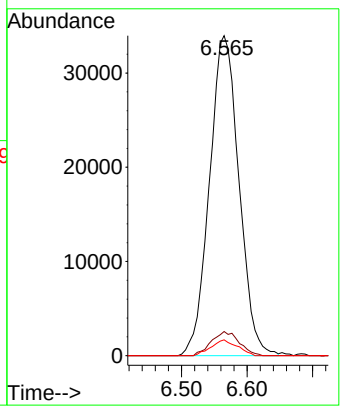
Tgt Ion: 63 Resp: 10612

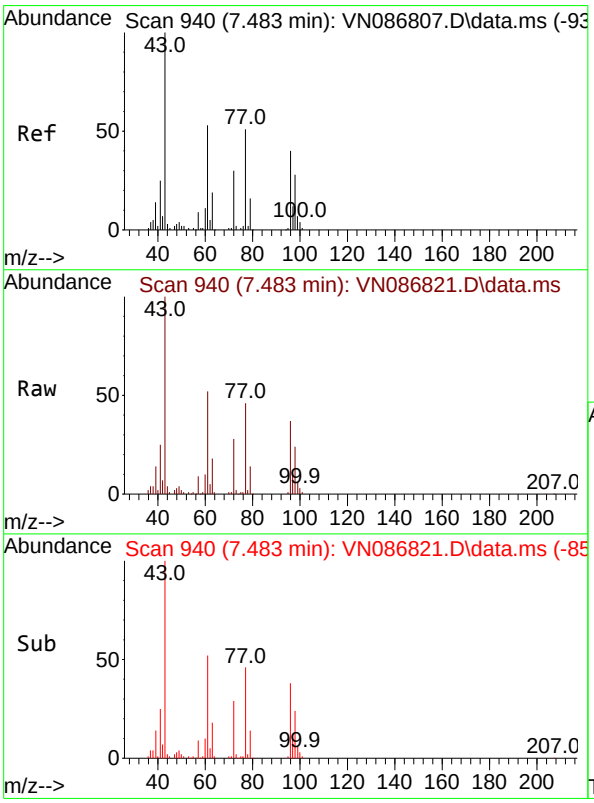
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	5.0	2.3	6.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

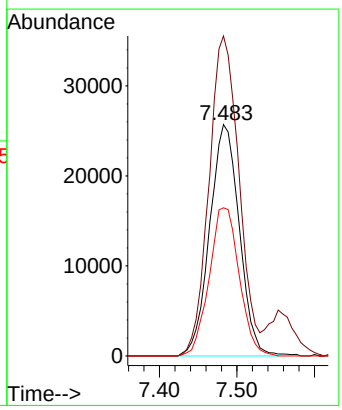


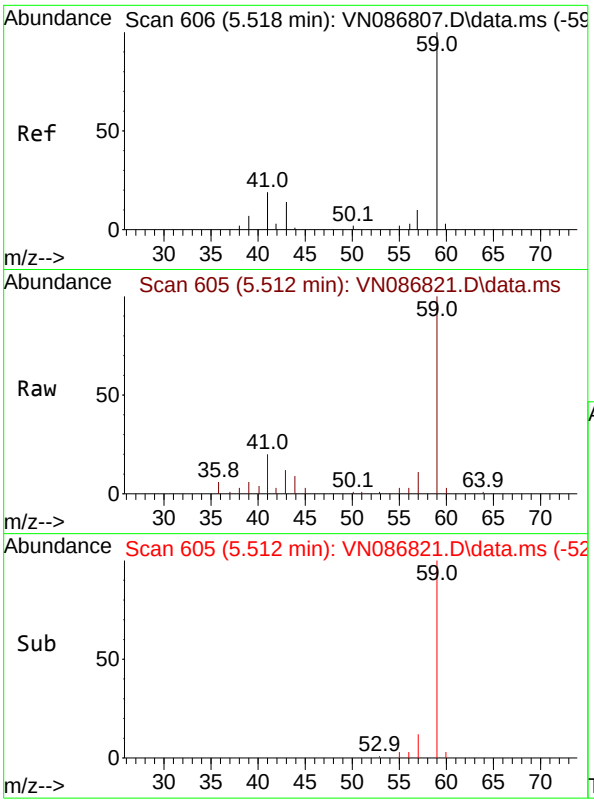


#22
cis-1,2-Dichloroethene
Concen: 21.177 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 96 Resp: 68298

Ion	Ratio	Lower	Upper
96	100		
61	140.1	110.7	166.1
98	64.9	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 121.140 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

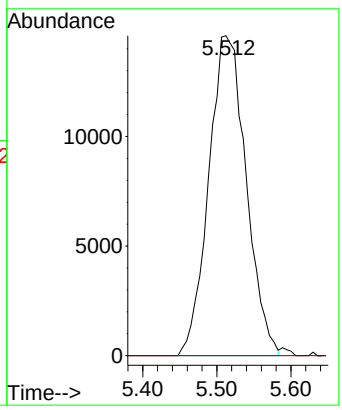
Tgt Ion: 59 Resp: 5116

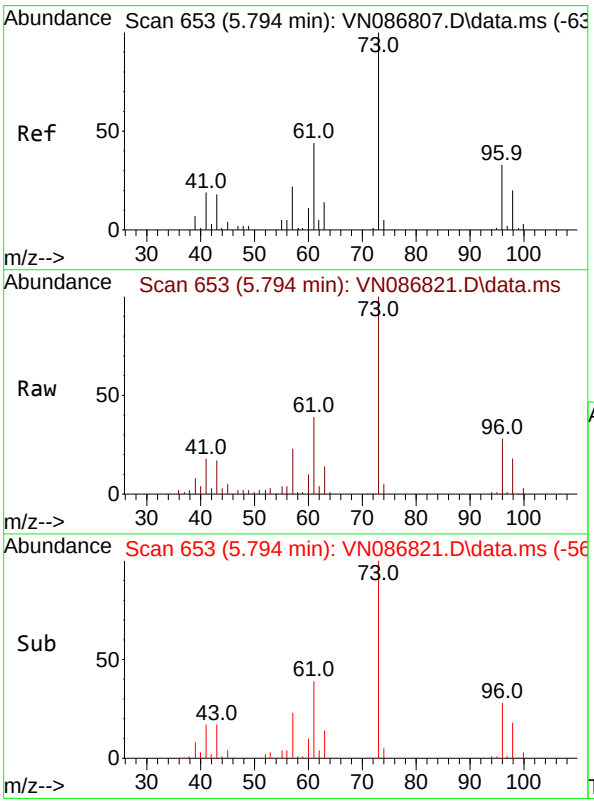
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

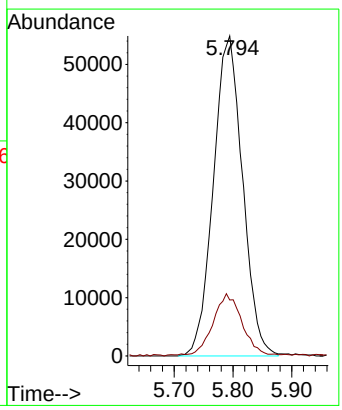


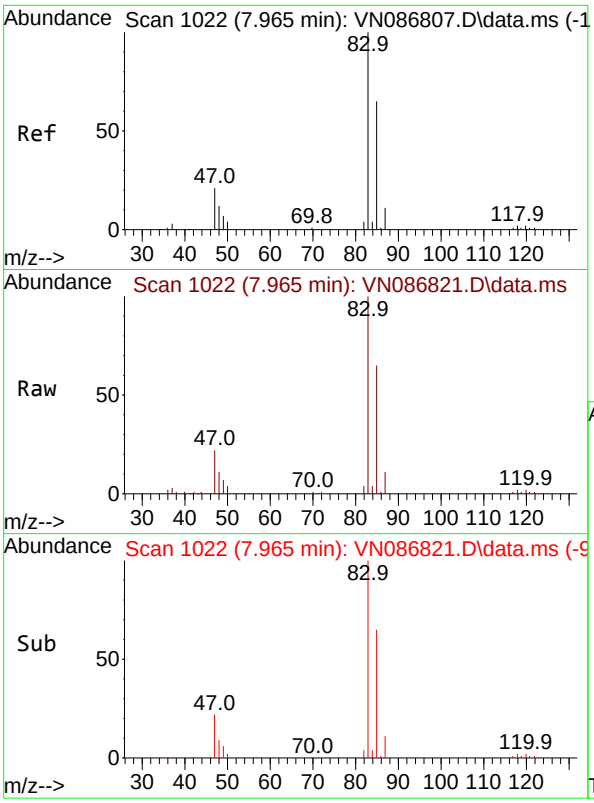


#24
Methyl tert-Butyl Ether
Concen: 22.550 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 73 Resp: 189124

Ion	Ratio	Lower	Upper
73	100		
43	18.7	14.6	22.0





#25
Chloroform
Concen: 41.219 ug/l
RT: 7.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

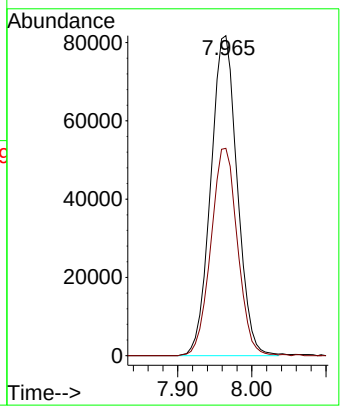
Tgt Ion: 83 Resp: 20272

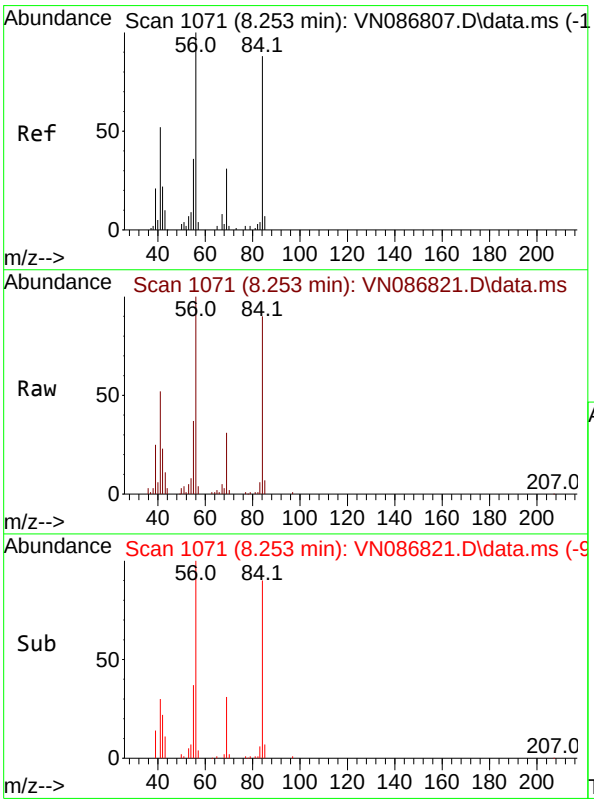
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

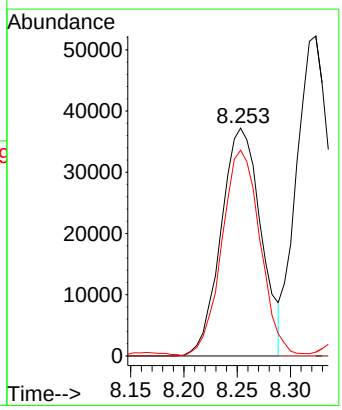


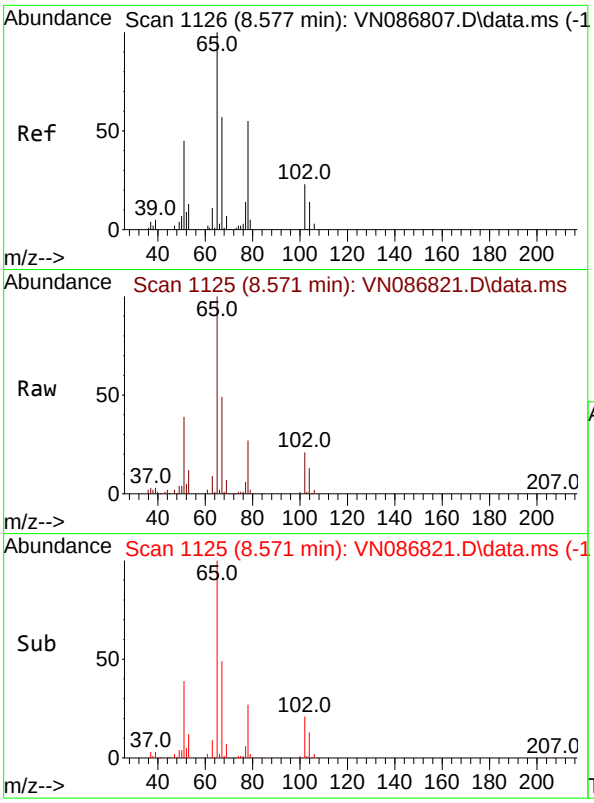


#26
Cyclohexane
Concen: 22.316 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 56 Resp: 97050

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	86.8	70.4	105.6





#27
1,2-Dichloroethane-d4
Concen: 31.831 ug/l
RT: 8.571 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

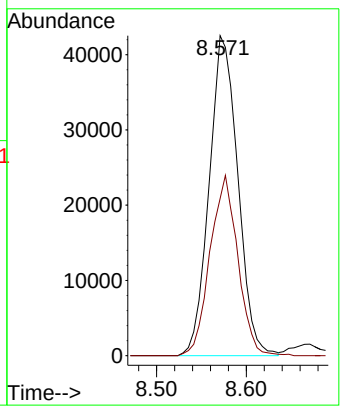
Tgt Ion: 65 Resp: 9437

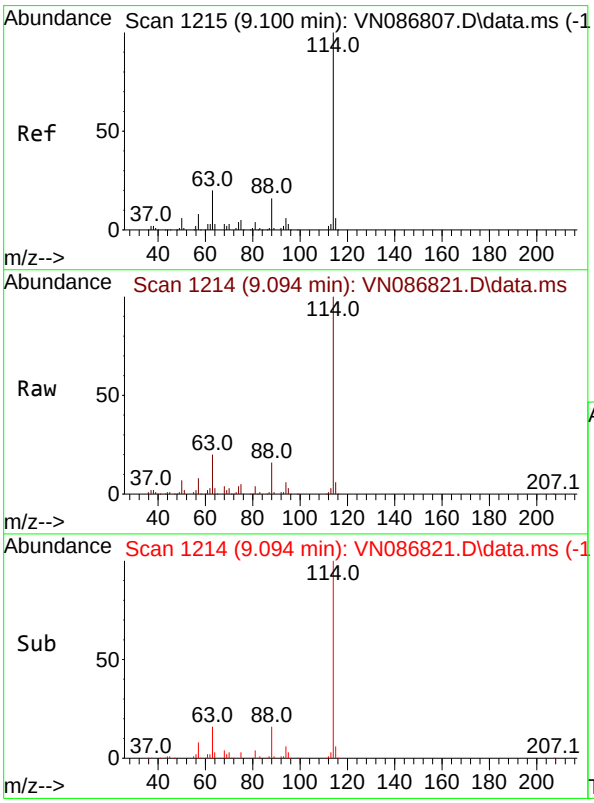
Ion	Ratio	Lower	Upper
65	100		
67	54.5	44.6	67.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

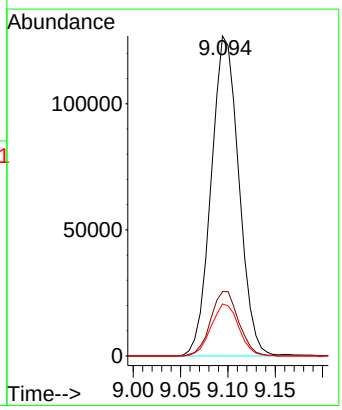


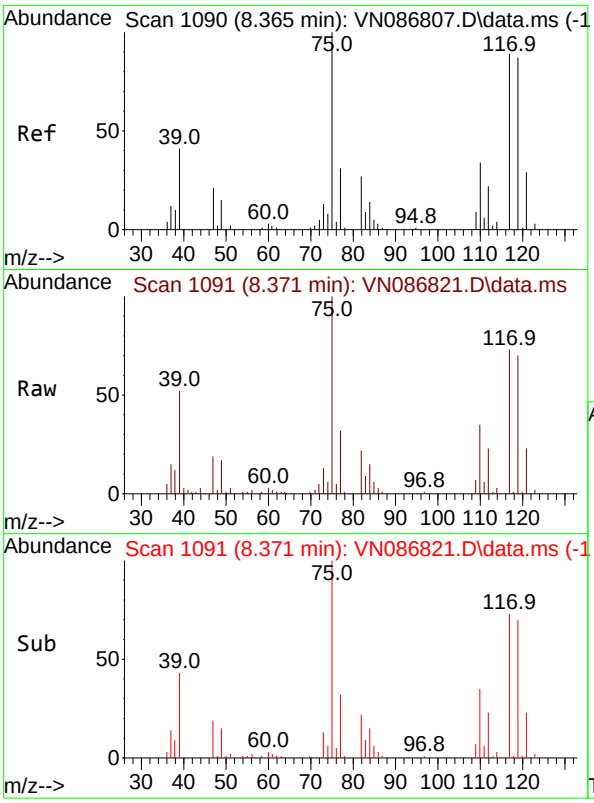


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:114 Resp: 257974

Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.8	23.8
88	16.2	12.9	19.3

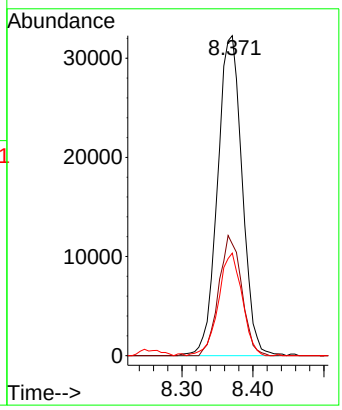




#29
1,1-Dichloropropene
Concen: 20.444 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 75 Resp: 7754

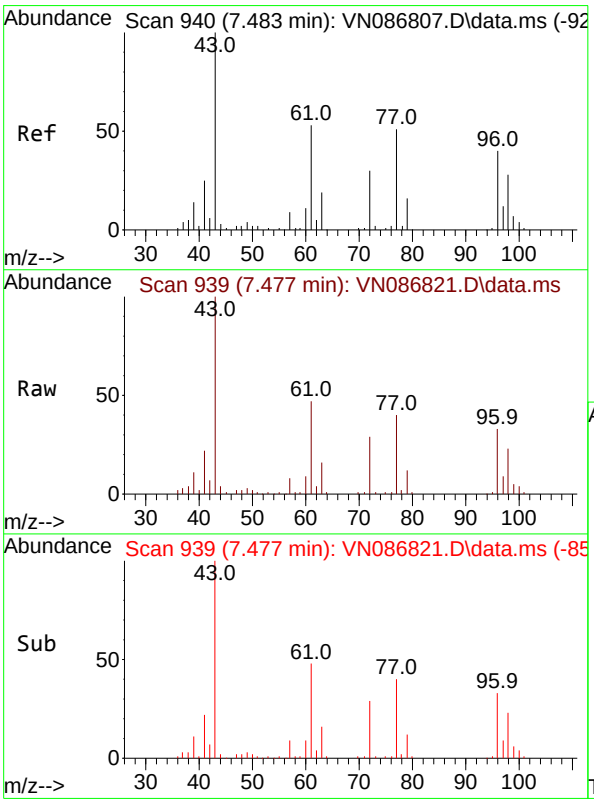
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	71.0
77	31.0	0.0	62.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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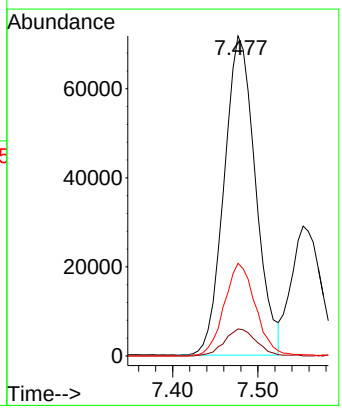
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

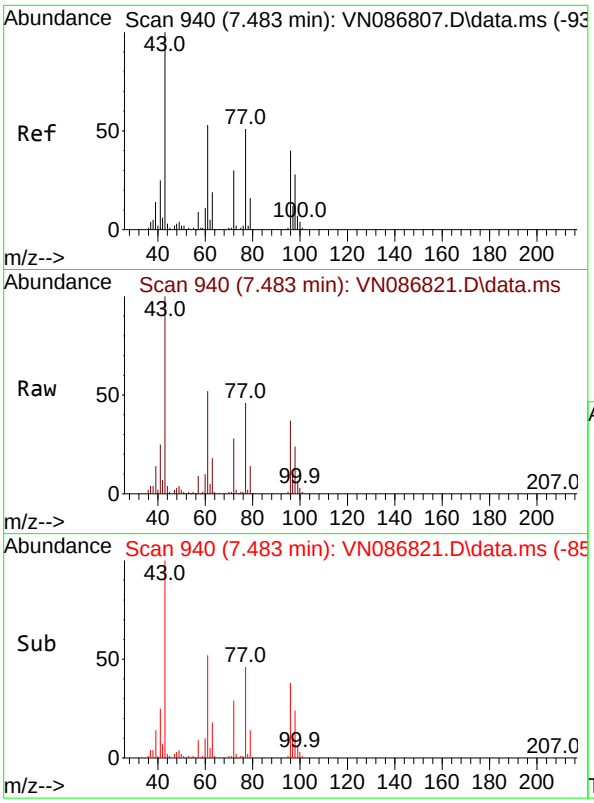


#30
2-Butanone
Concen: 110.504 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 43 Resp: 183646

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	29.1	23.4	35.0





#31
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

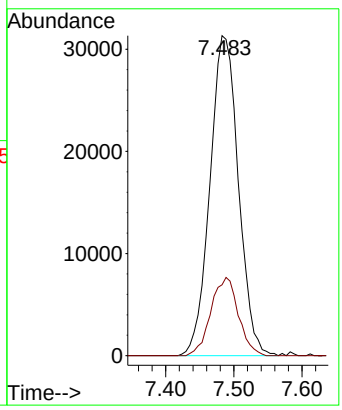
Tgt Ion: 77 Resp: 9103

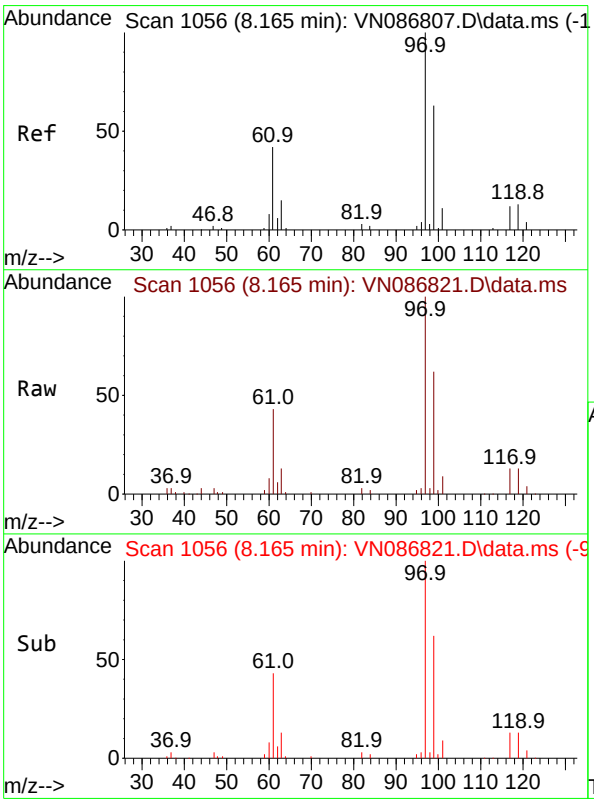
Ion	Ratio	Lower	Upper
77	100		
97	23.6	18.6	27.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
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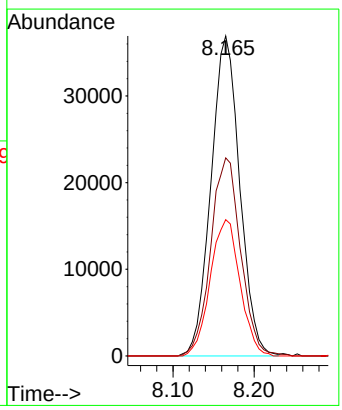


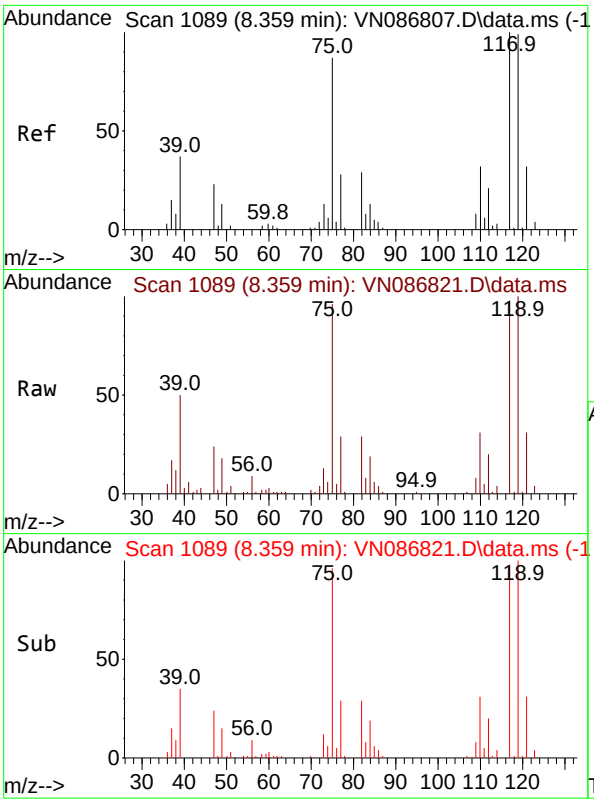


#32
1,1,1-Trichloroethane
Concen: 20.676 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 97 Resp: 90907

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	44.1	35.4	53.2





#33
Carbon Tetrachloride
Concen: 20.173 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

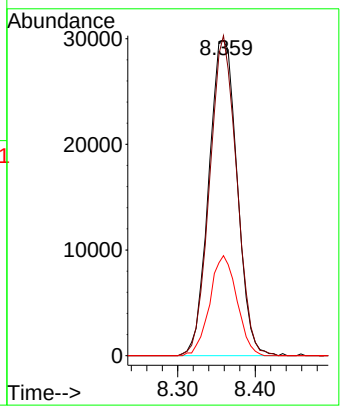
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

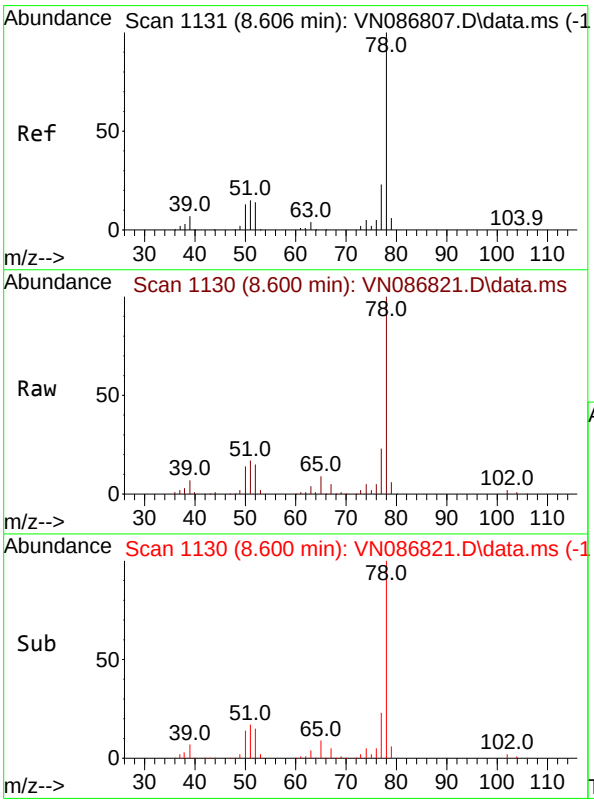
Tgt Ion:117 Resp: 7581

Ion	Ratio	Lower	Upper
117	100		
119	101.6	79.2	118.8
121	31.8	25.6	38.4

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

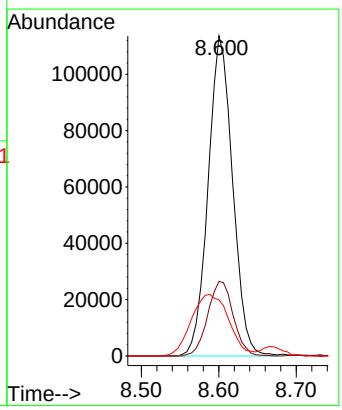


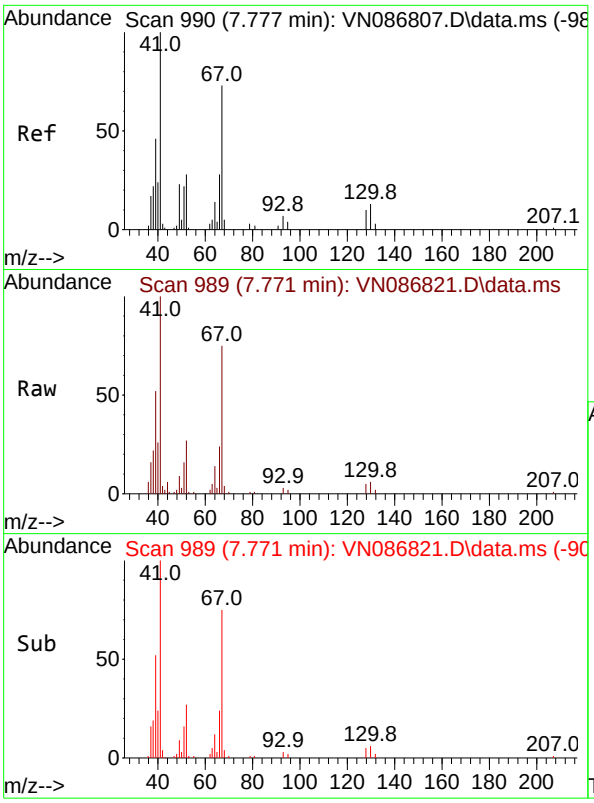


#34
Benzene
Concen: 20.203 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 78 Resp: 249326

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
51	15.1	11.9	17.9

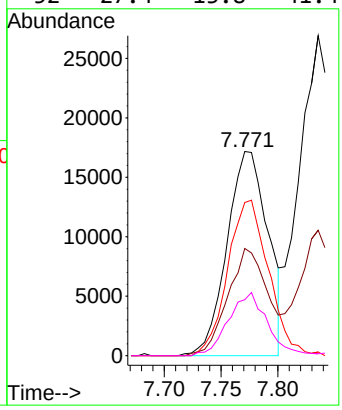




#35
Methacrylonitrile
Concen: 22.556 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 41 Resp: 4306

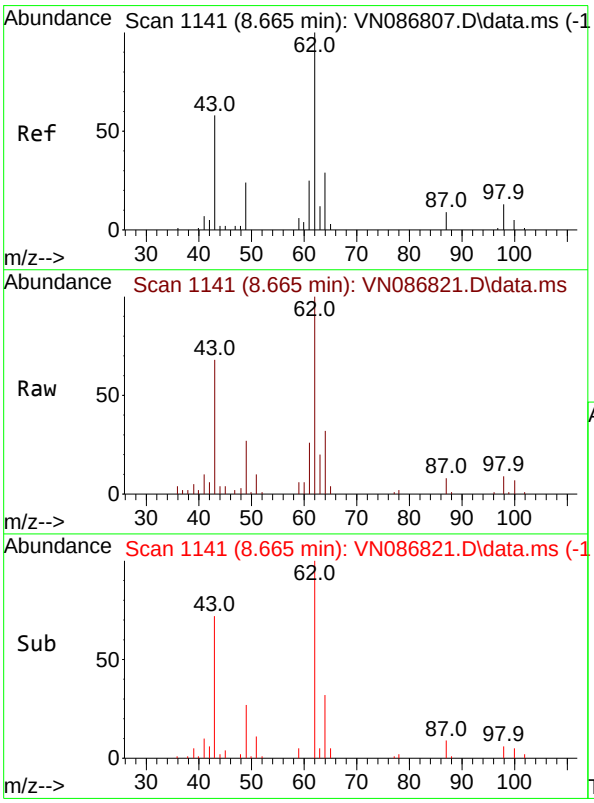
Ion	Ratio	Lower	Upper
41	100		
39	52.5	23.2	69.6
67	75.0	36.5	109.7
52	27.4	13.8	41.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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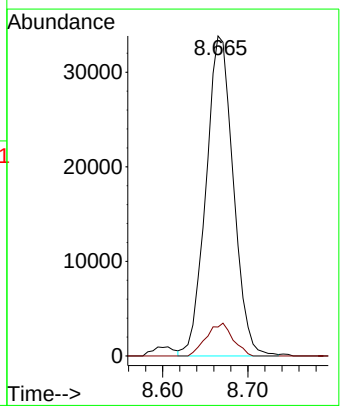
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

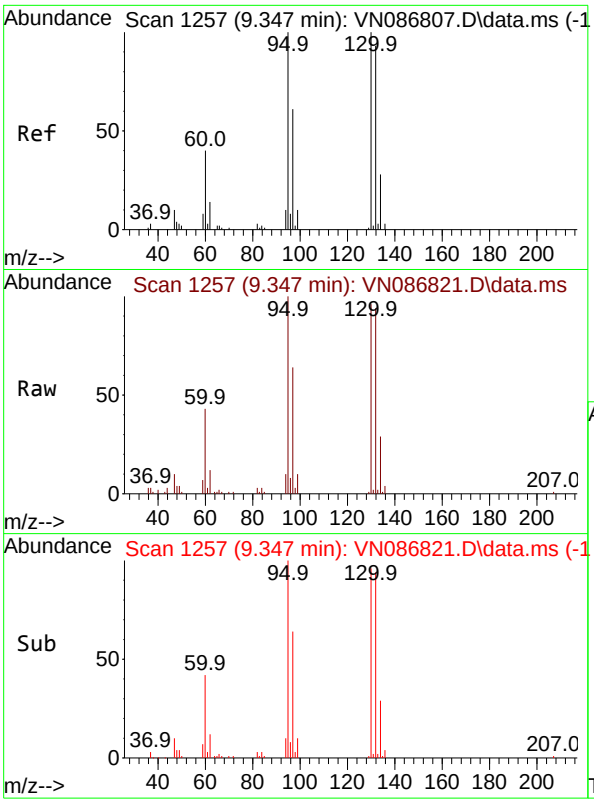


#36
1,2-Dichloroethane
Concen: 20.902 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 62 Resp: 75590

Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.5	12.7





#37
Trichloroethene
Concen: 16.958 ug/l
RT: 9.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

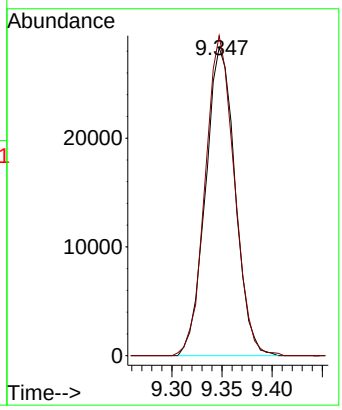
Tgt Ion:130 Resp: 5804

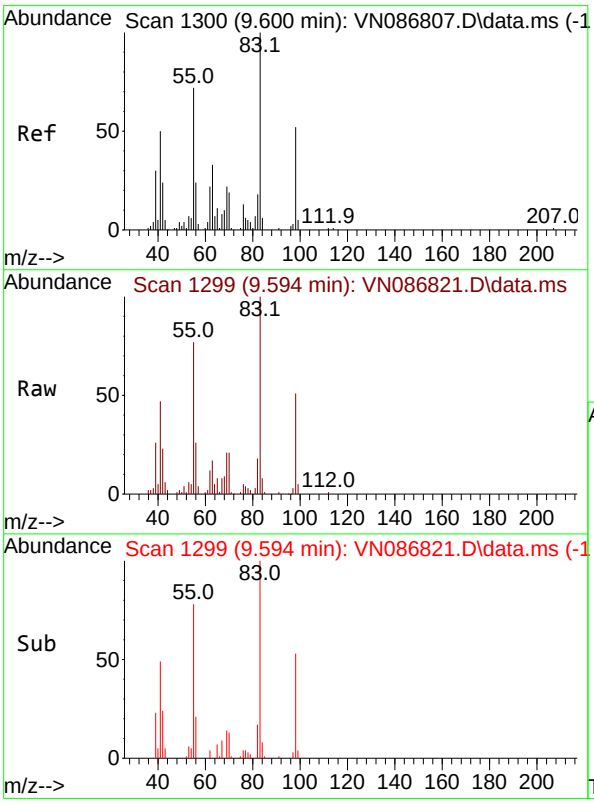
Ion	Ratio	Lower	Upper
130	100		
95	103.0	80.3	120.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

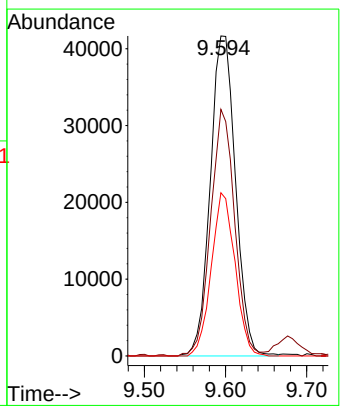


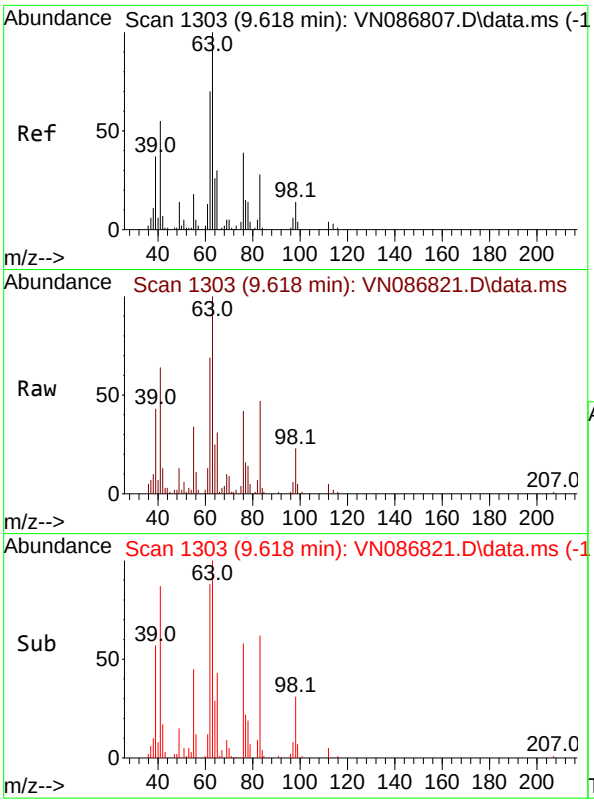


#38
Methylcyclohexane
Concen: 21.426 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 83 Resp: 90170

Ion	Ratio	Lower	Upper
83	100		
55	73.4	37.4	112.1
98	47.9	24.6	73.6





#39
1,2-Dichloropropane
Concen: 20.287 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

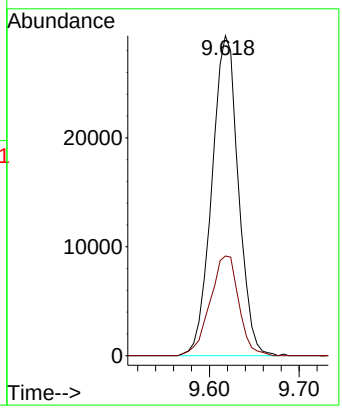
Tgt Ion: 63 Resp: 6027

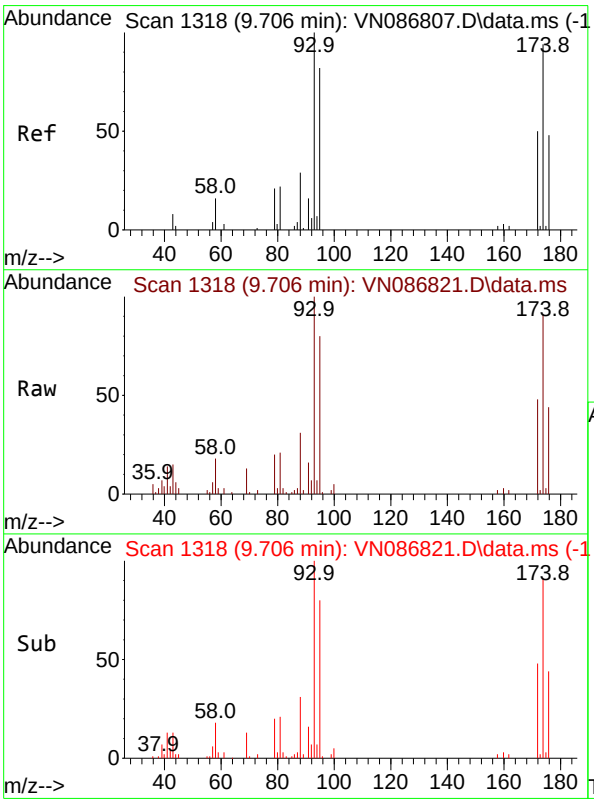
Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.2	36.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

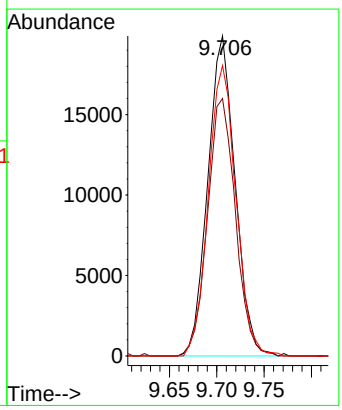


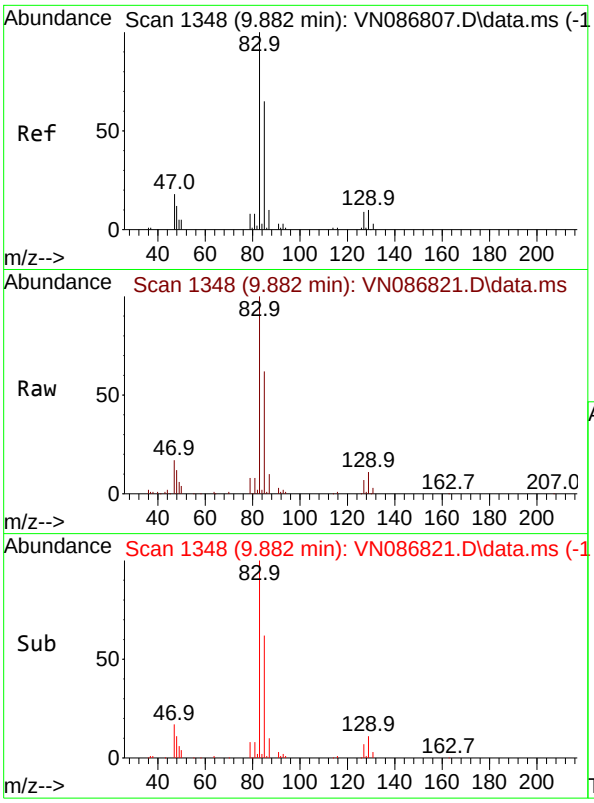


#40
Dibromomethane
Concen: 20.506 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 93 Resp: 39849

Ion	Ratio	Lower	Upper
93	100		
95	82.2	0.0	166.4
174	92.0	0.0	181.8

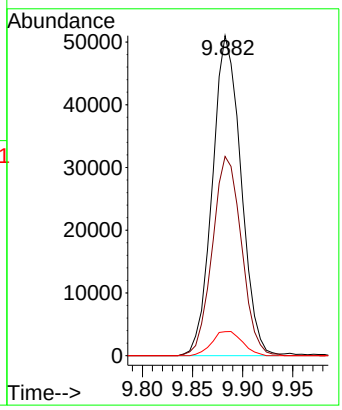




#41
Bromodichloromethane
Concen: 24.876 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 83 Resp: 10118

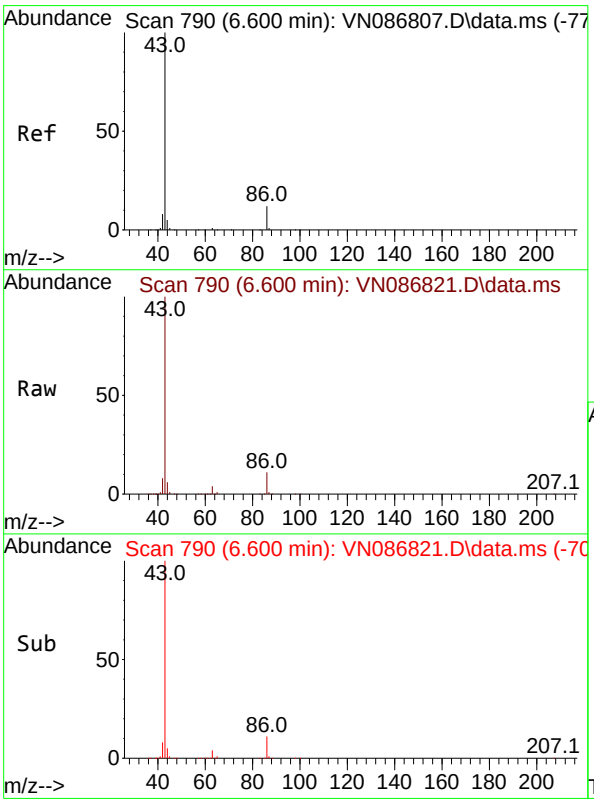
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.8
127	7.5	6.8	10.2



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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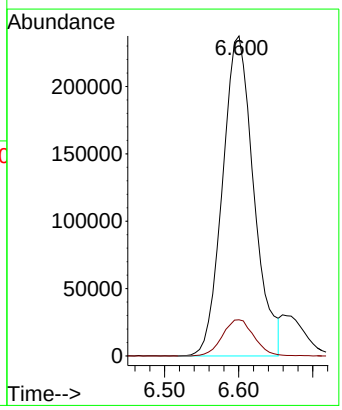
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

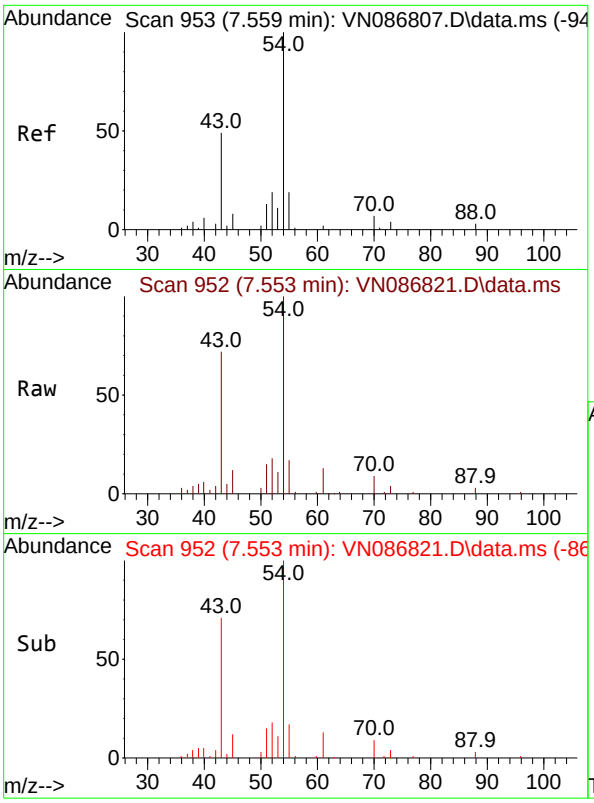


#42
Vinyl Acetate
Concen: 143.935 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 43 Resp: 697258

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.5	14.3





#43
Ethyl Acetate
Concen: 20.949 ug/l m
RT: 7.553 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

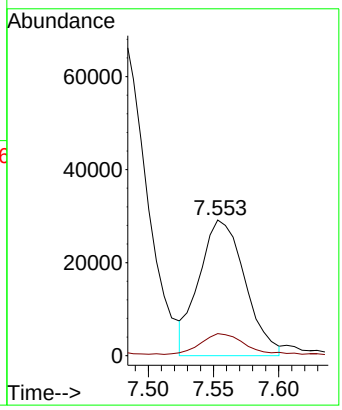
Tgt Ion: 43 Resp: 7124

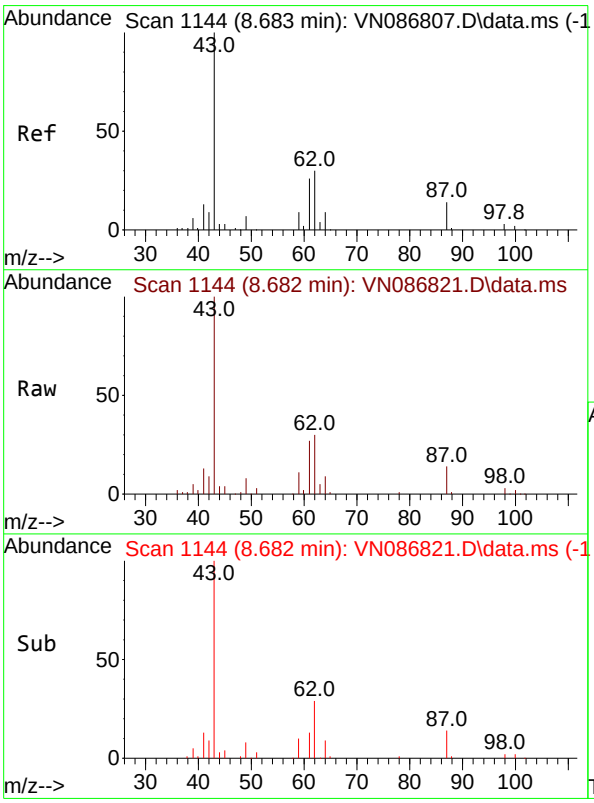
Ion	Ratio	Lower	Upper
43	100		
45	16.9	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

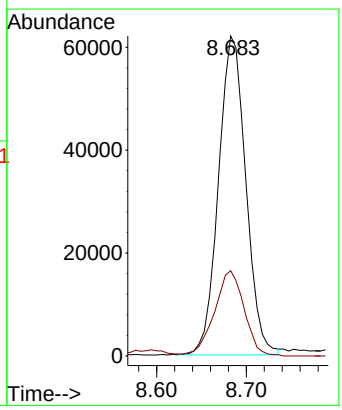


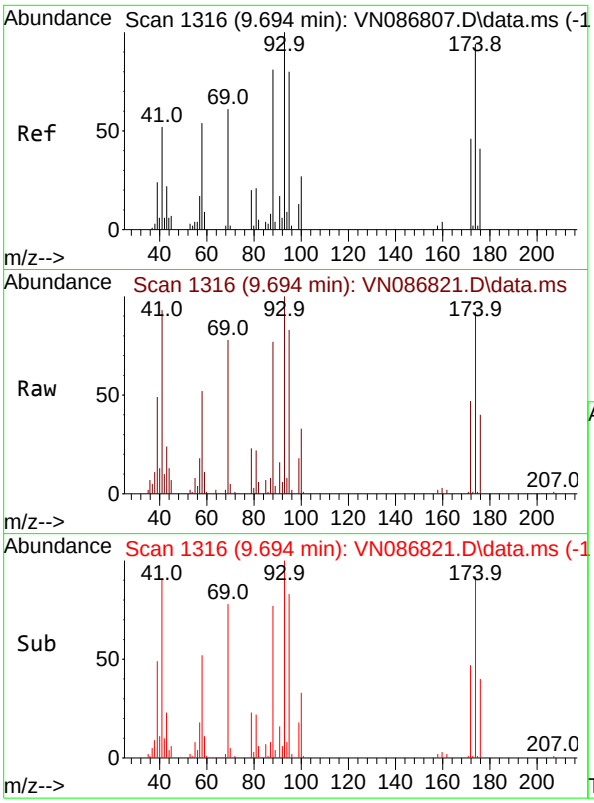


#44
Isopropyl Acetate
Concen: 22.470 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 43 Resp: 131083

Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.8	35.6

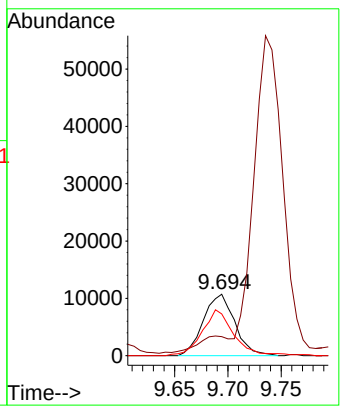




#45
1,4-Dioxane
Concen: 425.230 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 88 Resp: 2204

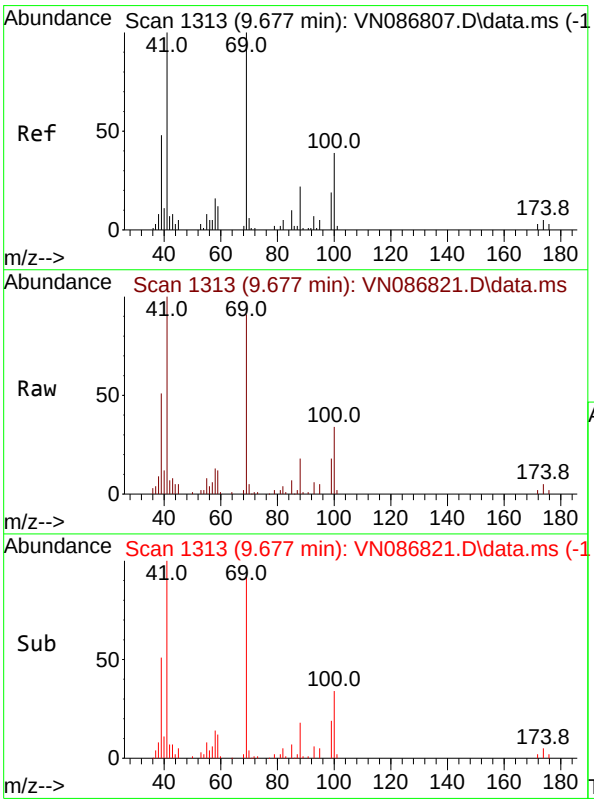
Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.0	34.6
58	73.3	57.6	86.4



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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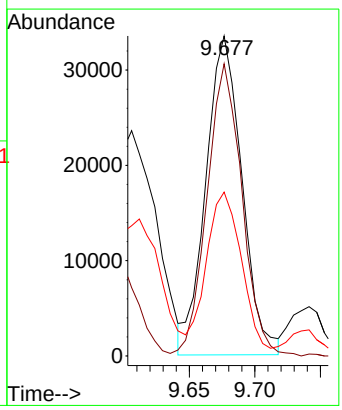
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

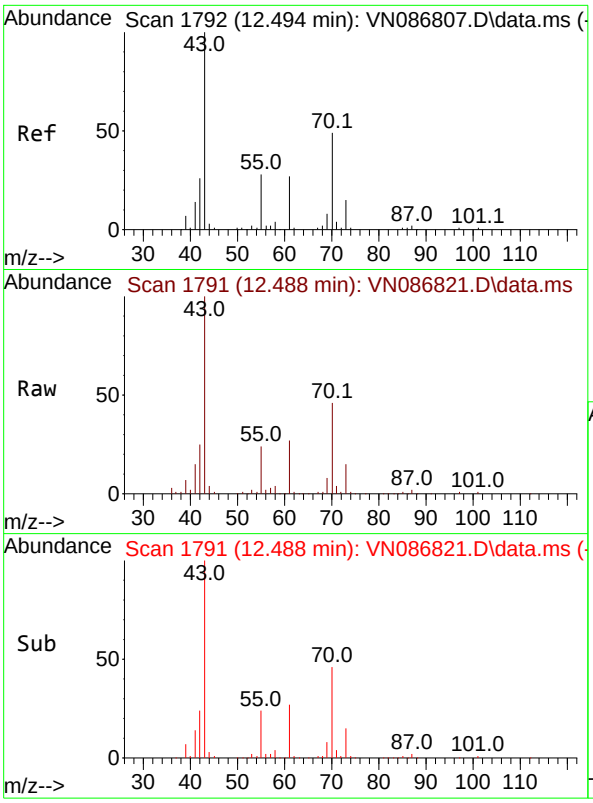


#46
Methyl methacrylate
Concen: 23.860 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 41 Resp: 64179

Ion	Ratio	Lower	Upper
41	100		
69	95.1	48.0	144.2
39	51.0	23.8	71.2





#47
n-amyl Acetate
Concen: 25.325 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

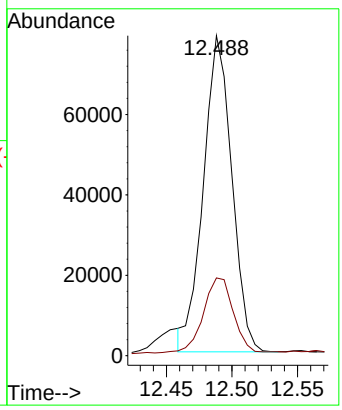
Tgt Ion: 43 Resp: 11860

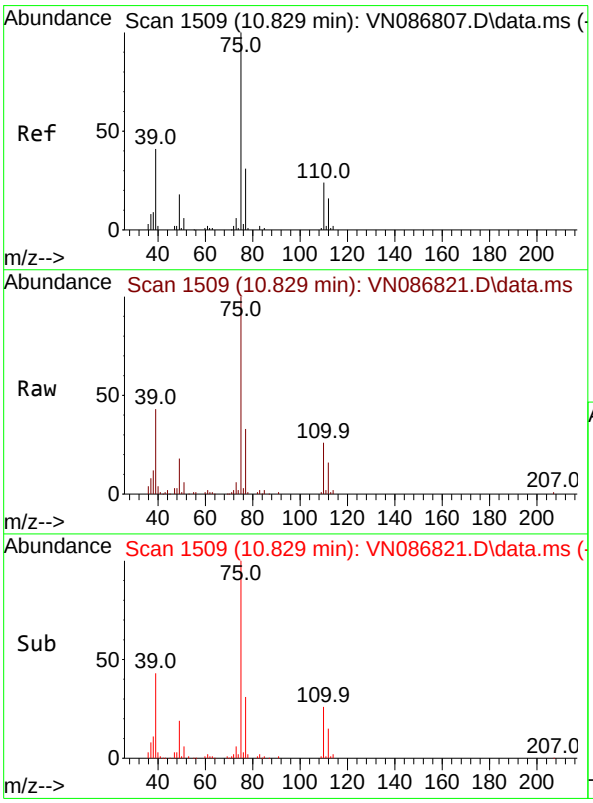
Ion	Ratio	Lower	Upper
43	100		
55	25.1	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

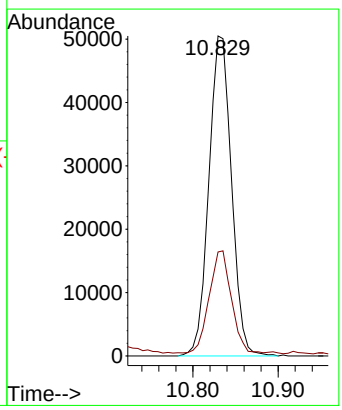


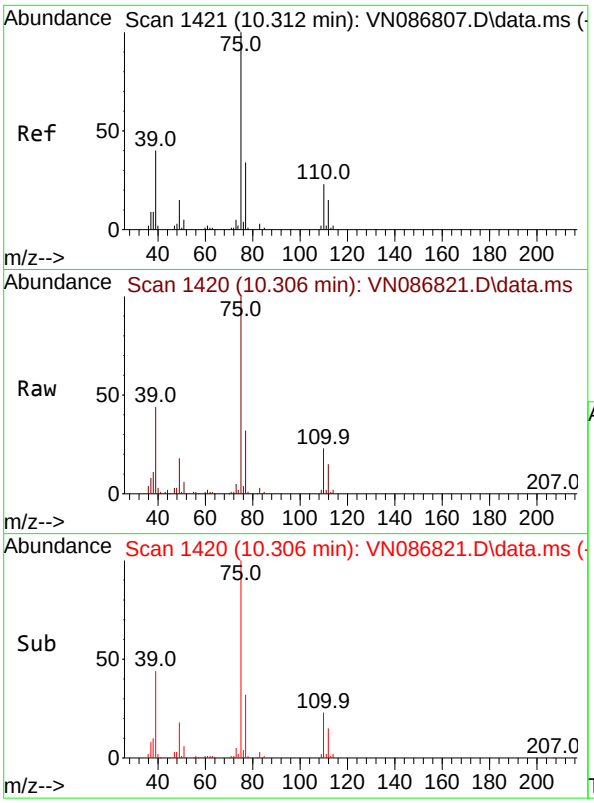


#48
t-1,3-Dichloropropene
Concen: 21.429 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 75 Resp: 93278

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7





#49
cis-1,3-Dichloropropene
Concen: 20.725 ug/l
RT: 10.306 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

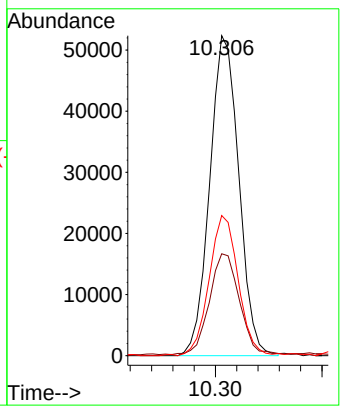
Tgt Ion: 75 Resp: 9923

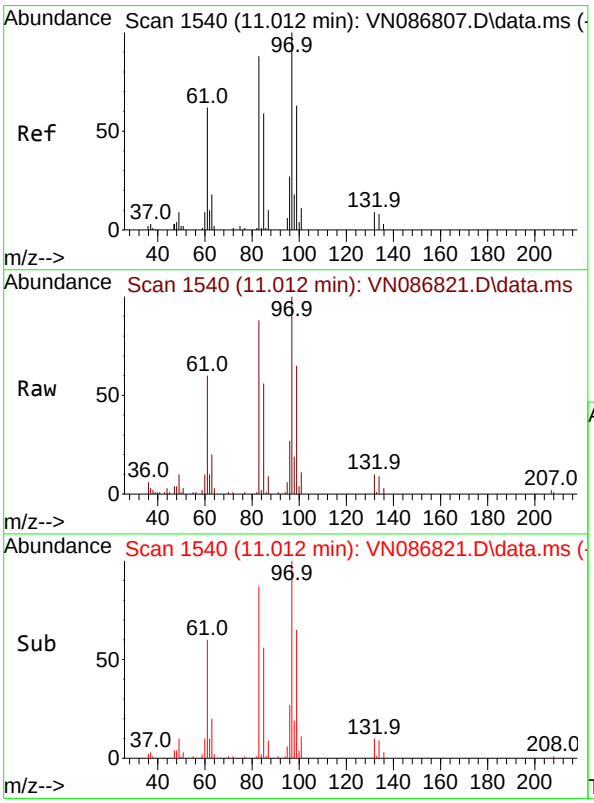
Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.9	40.3
39	43.8	31.8	47.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

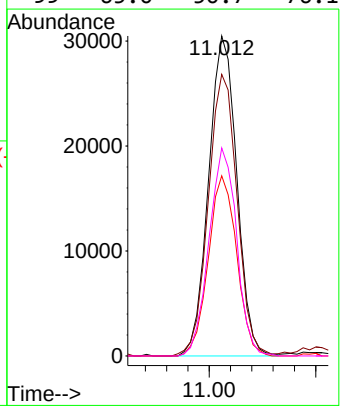


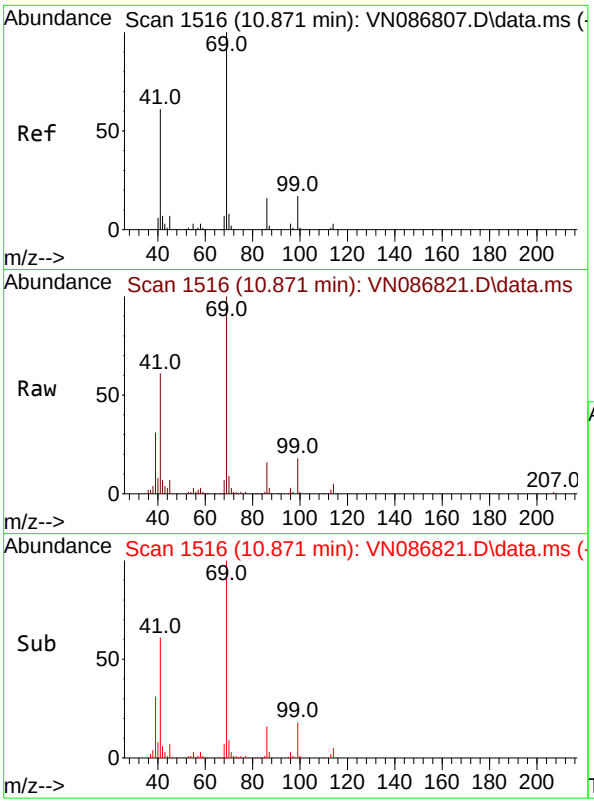


#50
1,1,2-Trichloroethane
Concen: 20.472 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 97 Resp: 56032

Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.6	105.8
85	56.3	46.8	70.2
99	65.0	50.7	76.1

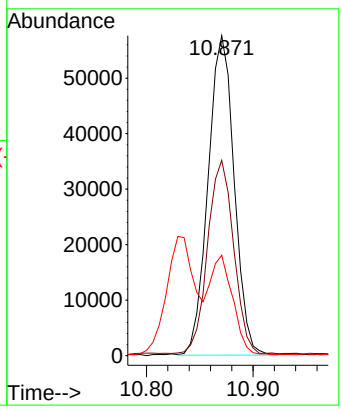




#51
Ethyl methacrylate
Concen: 22.119 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 69 Resp: 9804

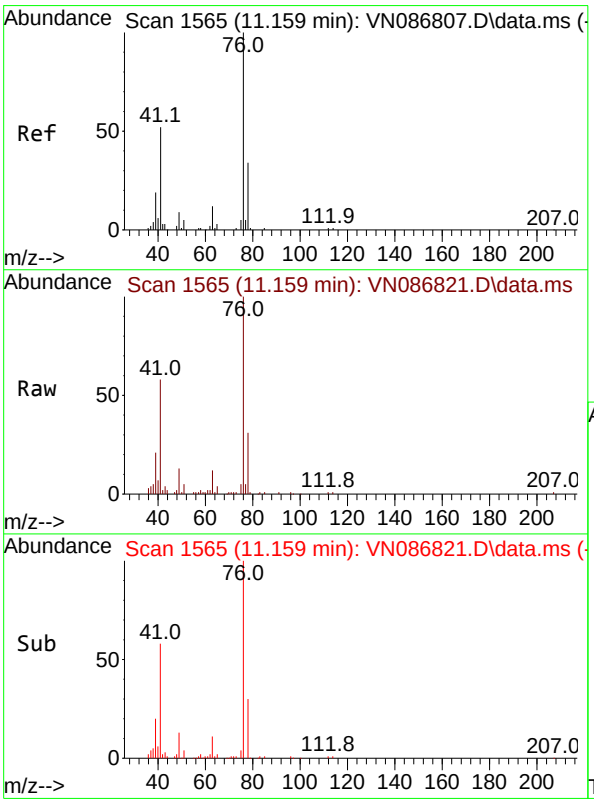
Ion	Ratio	Lower	Upper
69	100		
41	60.6	30.5	91.5
39	31.1	14.3	42.9



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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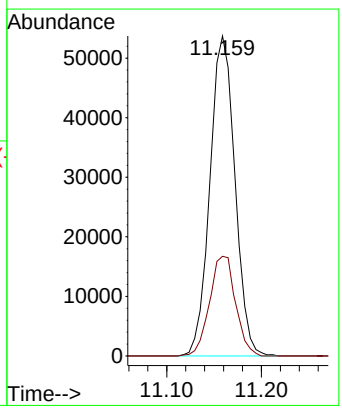
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

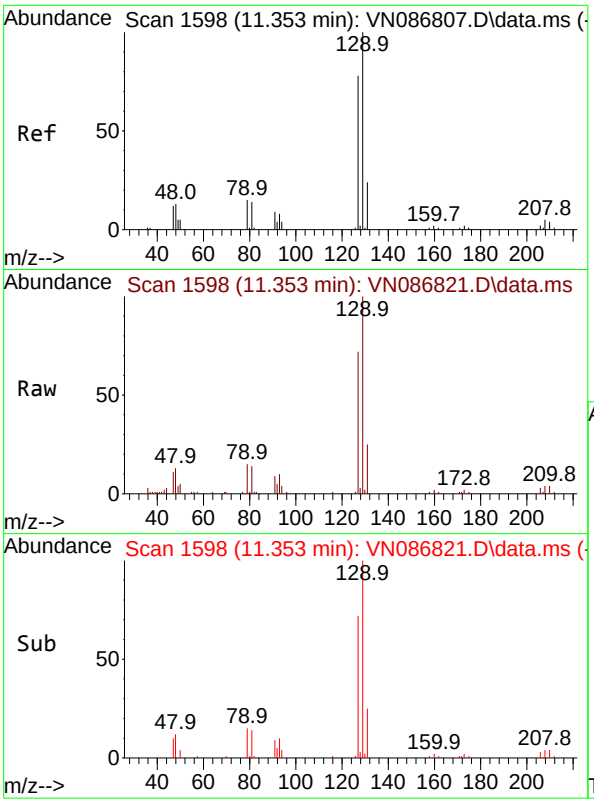


#52
1,3-Dichloropropane
Concen: 20.305 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 76 Resp: 98625

Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6





#53
Dibromochloromethane
Concen: 21.640 ug/l
RT: 11.353 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

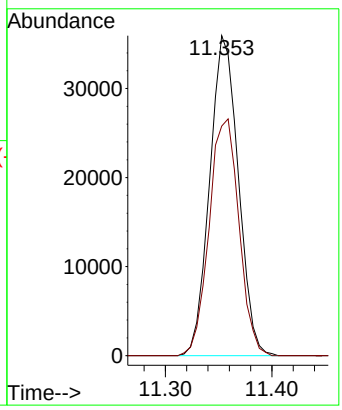
Tgt Ion:129 Resp: 6693

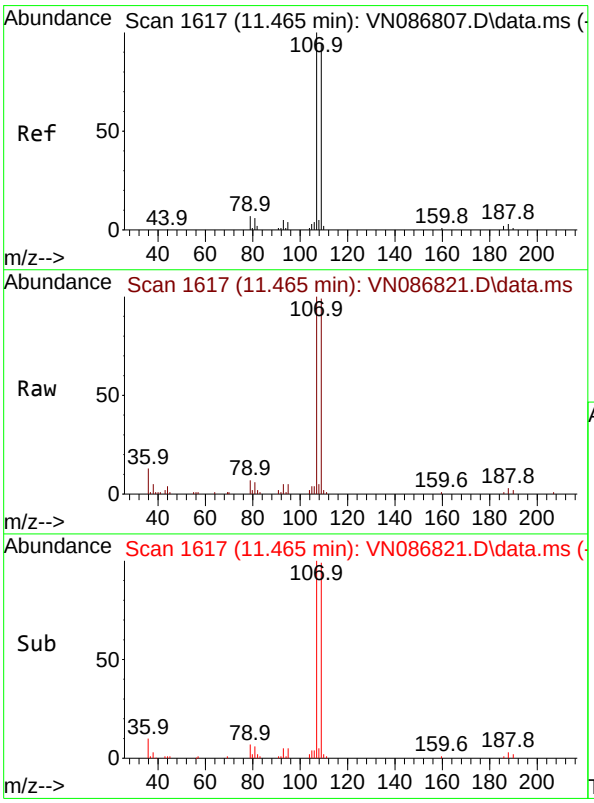
Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.1	117.3

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

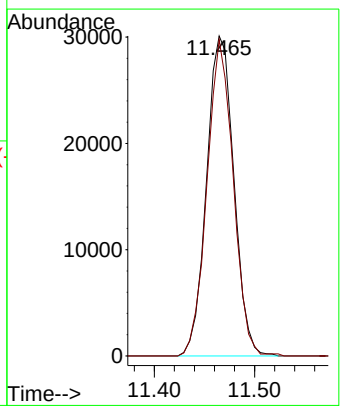


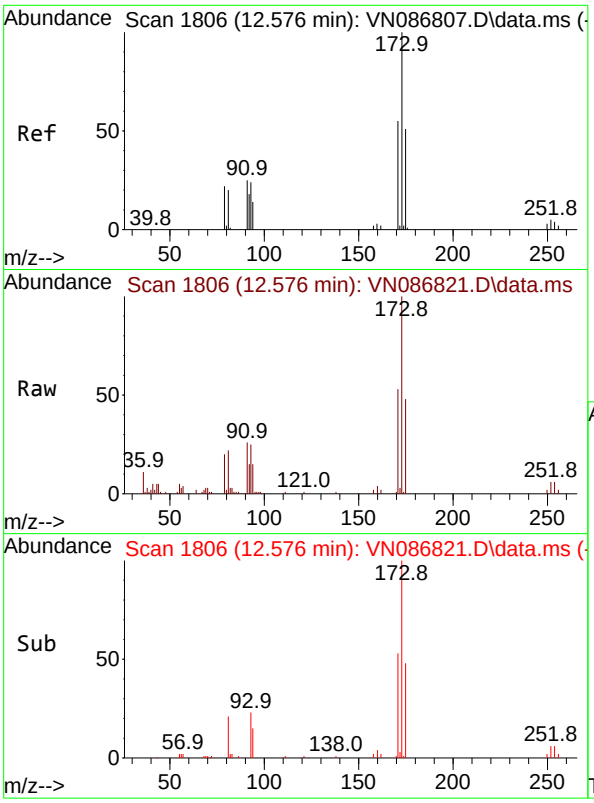


#54
1,2-Dibromoethane
Concen: 20.374 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:107 Resp: 57001

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.0	112.6

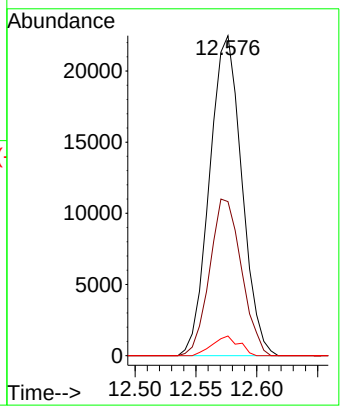




#56
Bromoform
Concen: 21.265 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:173 Resp: 4144

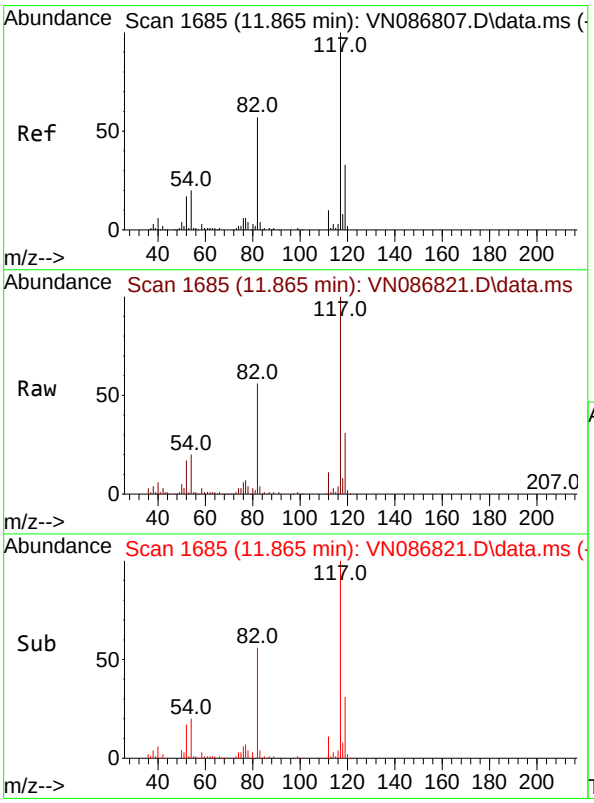
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.7	59.5
254	5.1	3.5	5.3



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

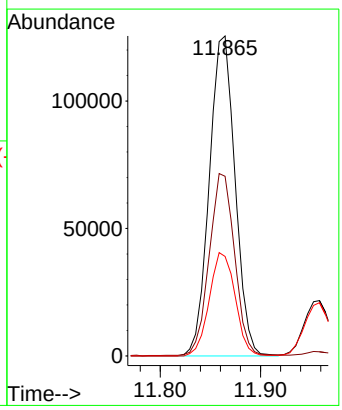
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

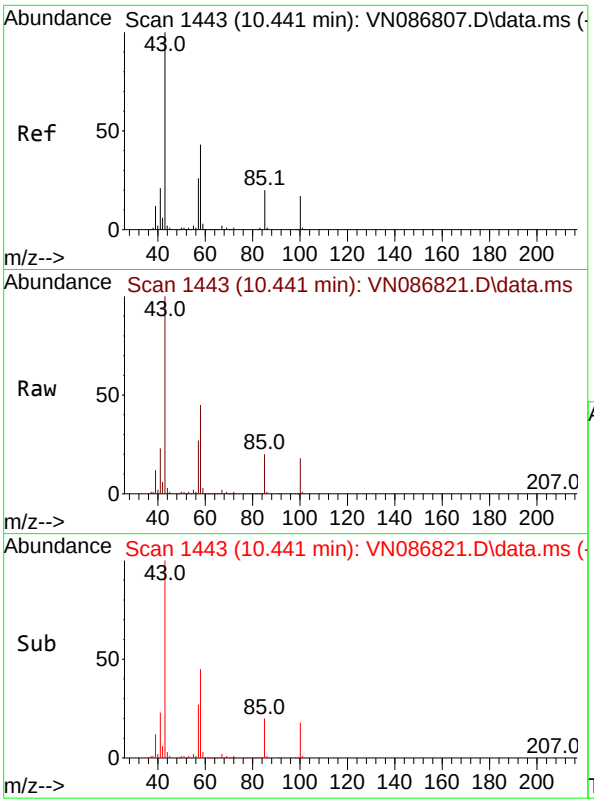


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:117 Resp: 224139

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.7	67.1
119	32.4	25.6	38.4





#58
4-Methyl-2-Pentanone
Concen: 117.384 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

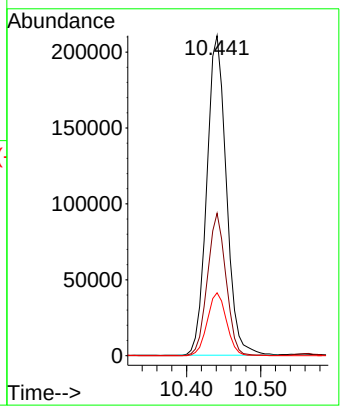
Tgt Ion: 43 Resp: 38606

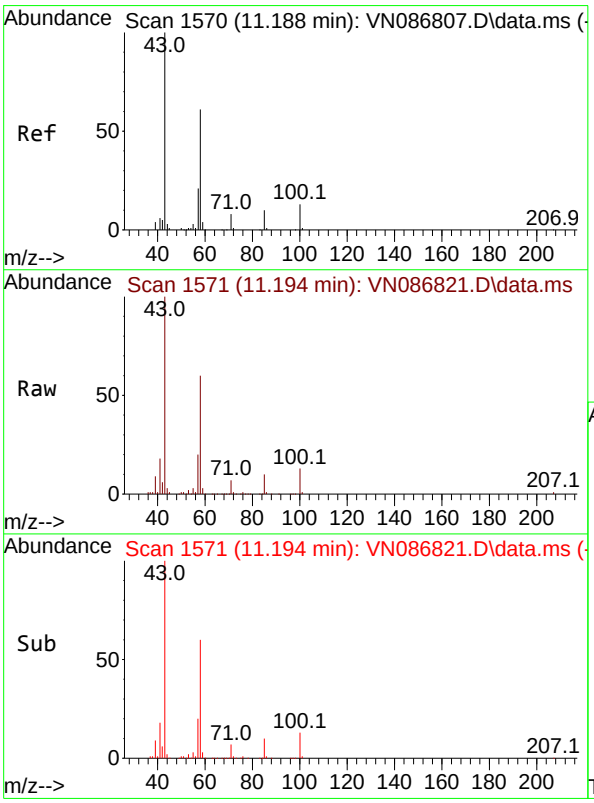
Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.5	51.7
85	19.3	15.8	23.8

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

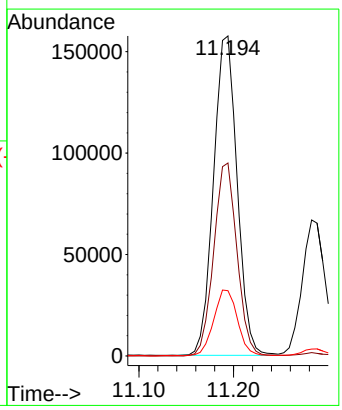


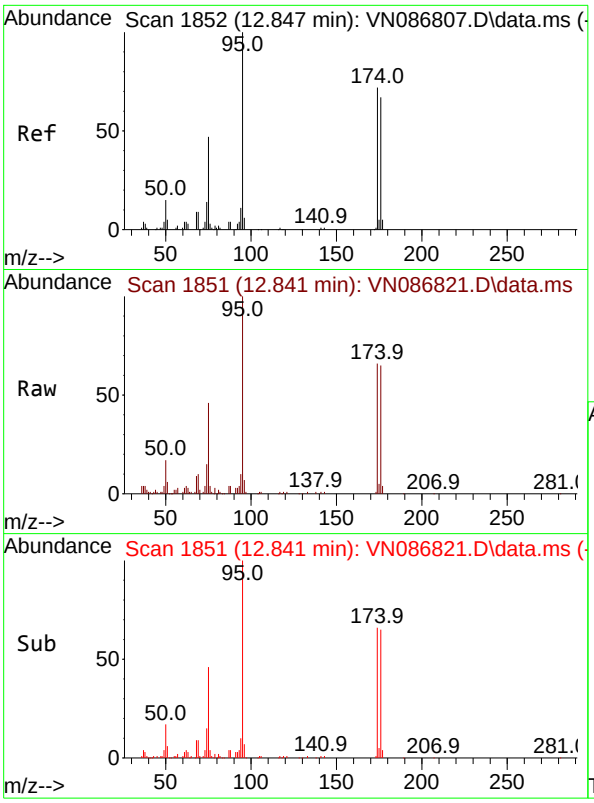


#59
2-Hexanone
Concen: 115.988 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 43 Resp: 273247

Ion	Ratio	Lower	Upper
43	100		
58	59.4	49.1	73.7
57	20.7	16.6	25.0





#60
4-Bromofluorobenzene
Concen: 29.623 ug/l
RT: 12.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

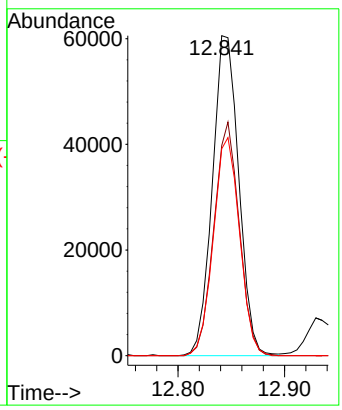
Tgt Ion: 95 Resp: 10424

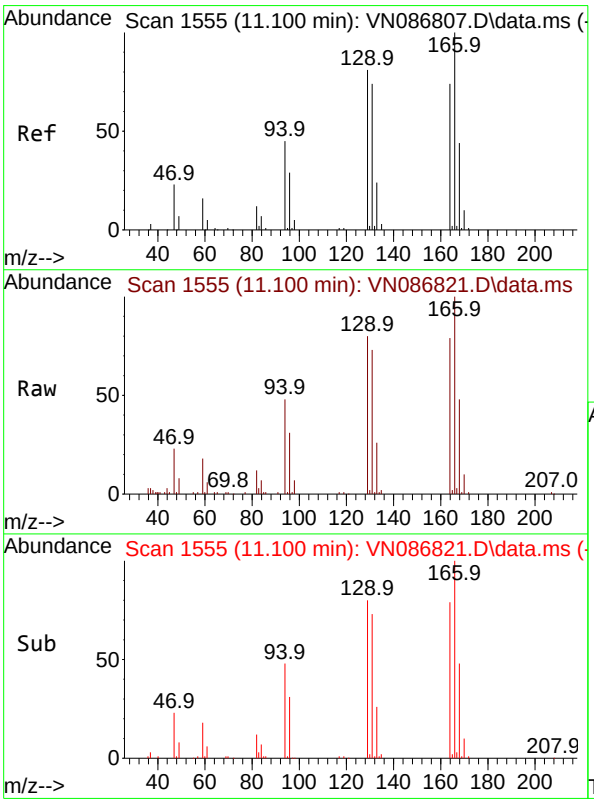
Ion	Ratio	Lower	Upper
95	100		
174	70.0	56.2	84.4
176	67.5	53.4	80.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

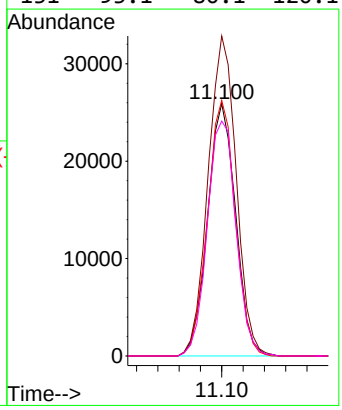


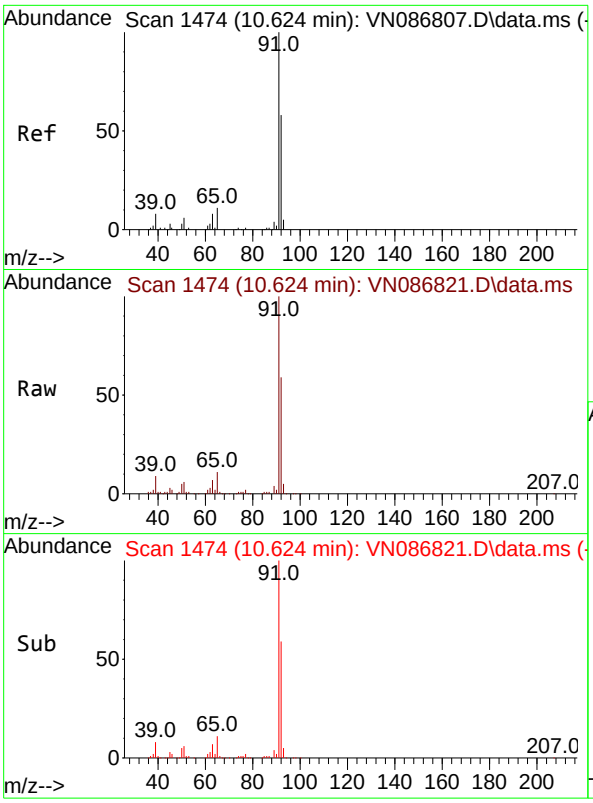


#61
Tetrachloroethene
Concen: 12.530 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:164 Resp: 47210

Ion	Ratio	Lower	Upper
164	100		
166	126.8	107.5	161.3
129	101.3	87.4	131.2
131	93.1	80.1	120.1





#62
Toluene
Concen: 20.786 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

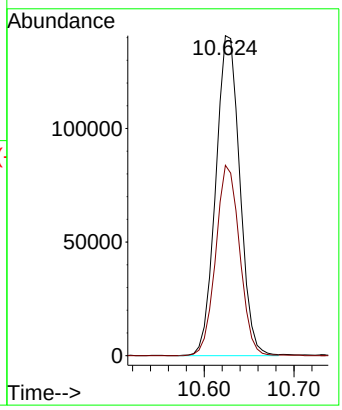
Tgt Ion: 91 Resp: 26238

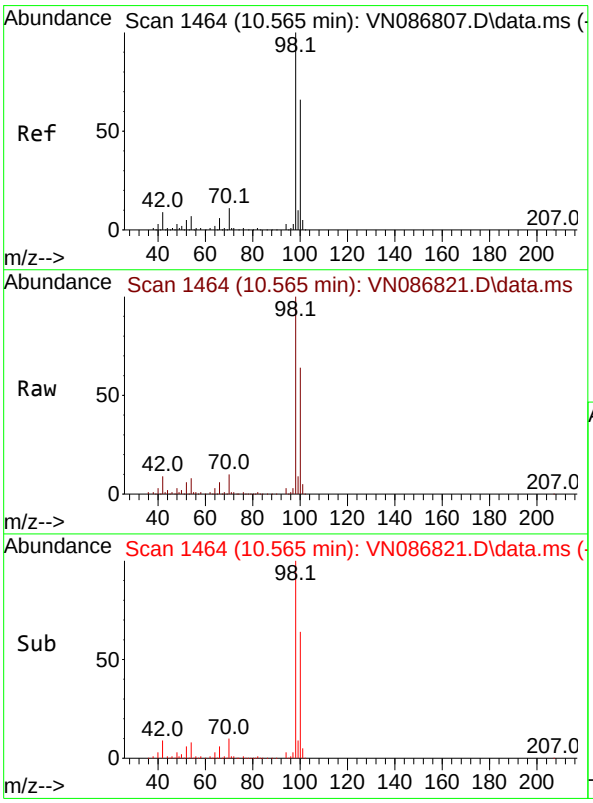
Ion	Ratio	Lower	Upper
91	100		
92	59.1	46.6	70.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

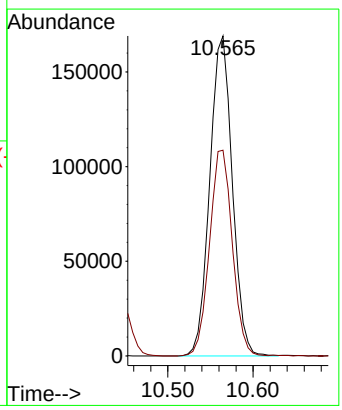


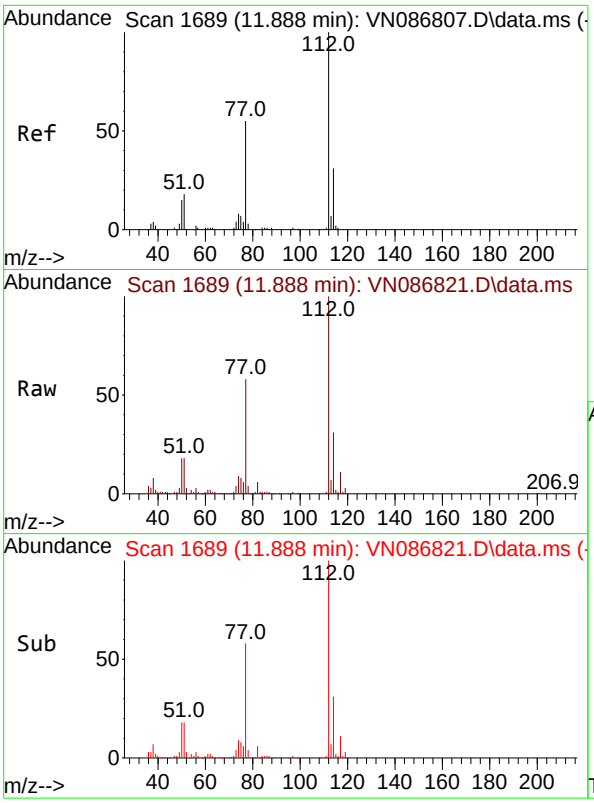


#63
Toluene-d8
Concen: 30.182 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 98 Resp: 310504

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1





#64
Chlorobenzene
Concen: 20.358 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

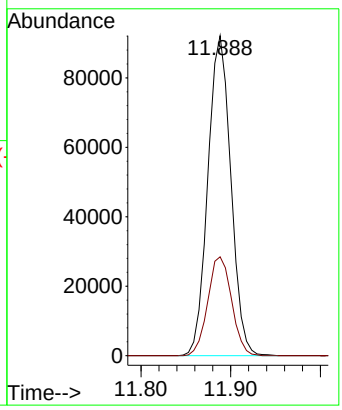
Tgt Ion:112 Resp: 16389

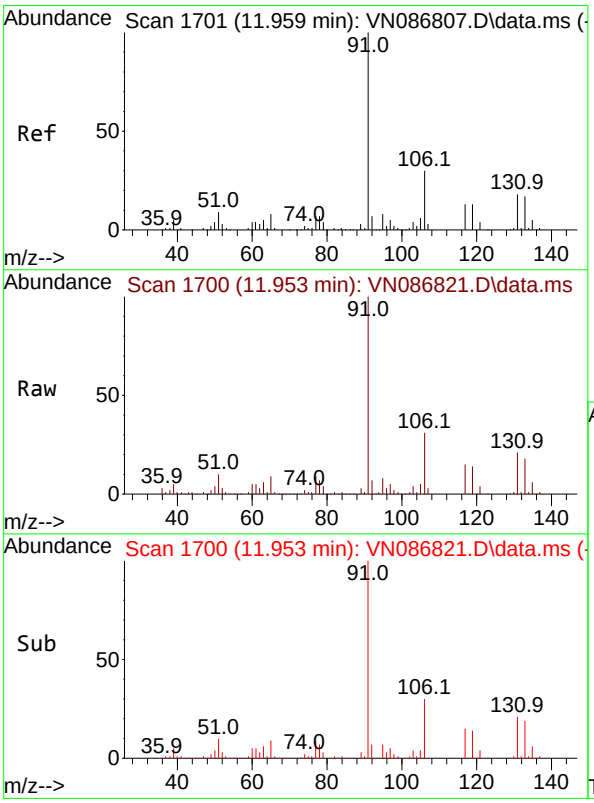
Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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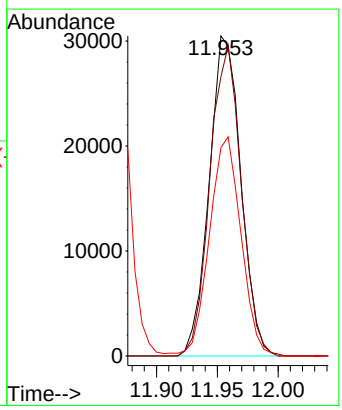


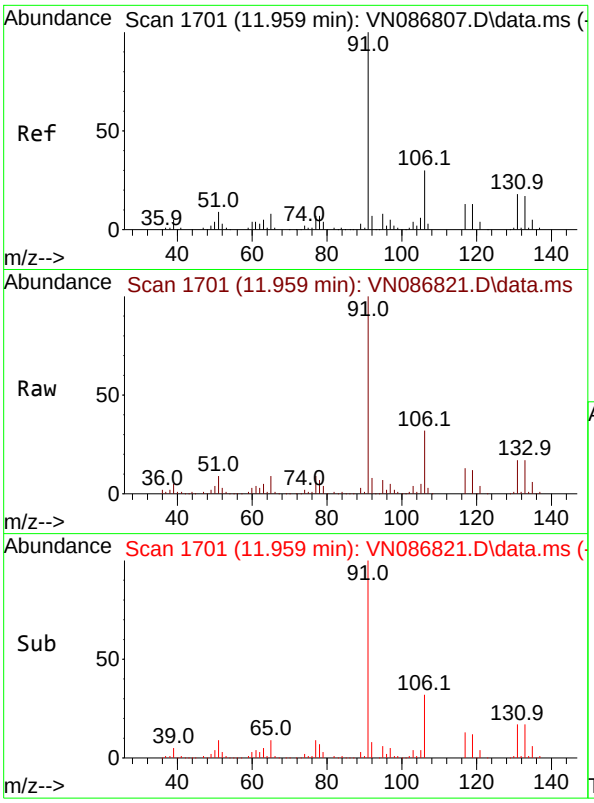


#65
1,1,1,2-Tetrachloroethane
Concen: 20.901 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:131 Resp: 55278

Ion	Ratio	Lower	Upper
131	100		
133	95.6	0.0	191.0
119	67.8	0.0	140.8





#66
Ethyl Benzene
Concen: 21.211 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

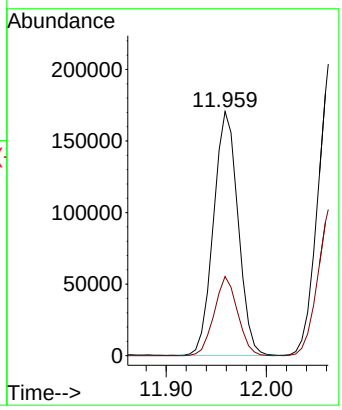
Tgt Ion: 91 Resp: 28961

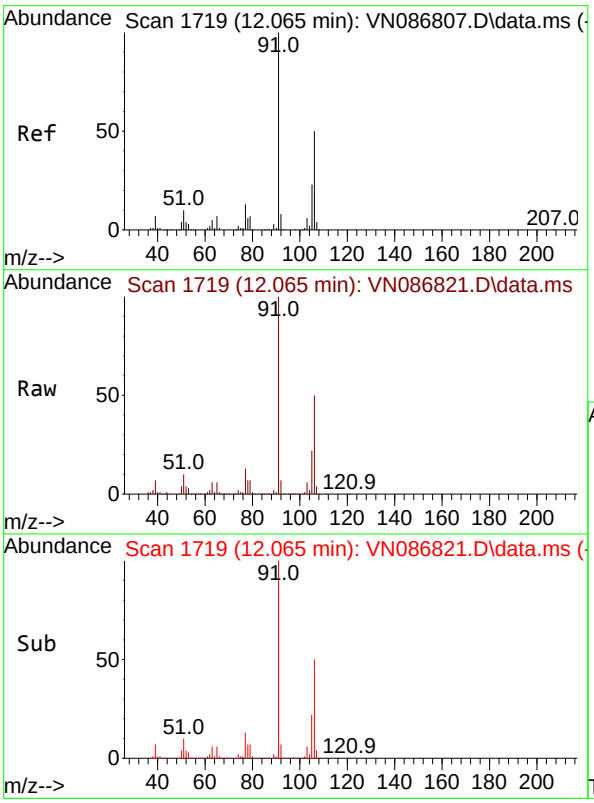
Ion	Ratio	Lower	Upper
91	100		
106	32.5	23.6	35.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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Supervised By :Mahesh Dadoda 05/30/2025

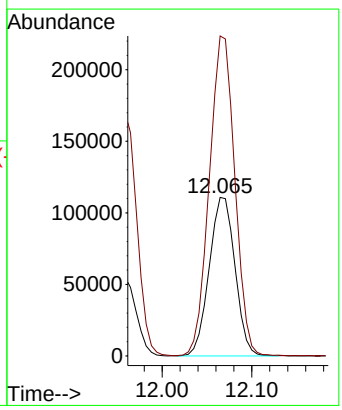


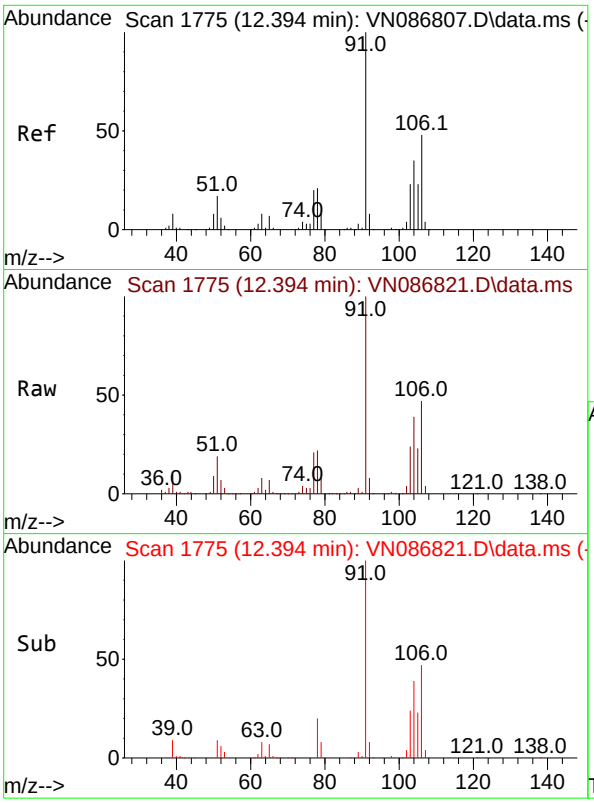


#67
m/p-Xylenes
Concen: 41.242 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:106 Resp: 220975

Ion	Ratio	Lower	Upper
106	100		
91	199.1	160.7	241.1





#68
o-Xylene
Concen: 20.875 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

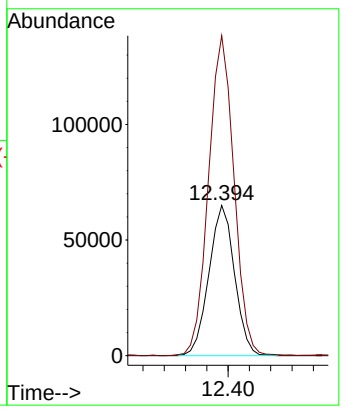
Tgt Ion:106 Resp: 10839

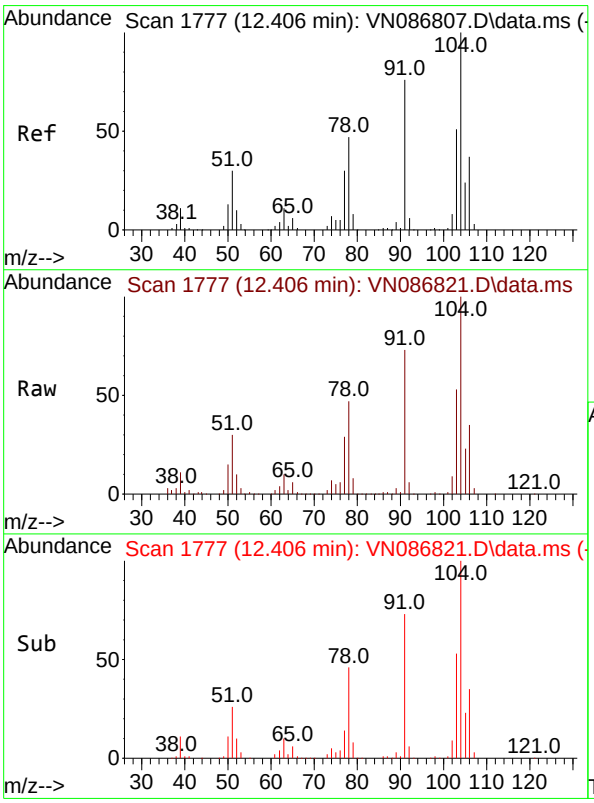
Ion	Ratio	Lower	Upper
106	100		
91	212.1	106.3	318.9

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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Supervised By :Mahesh Dadoda 05/30/2025

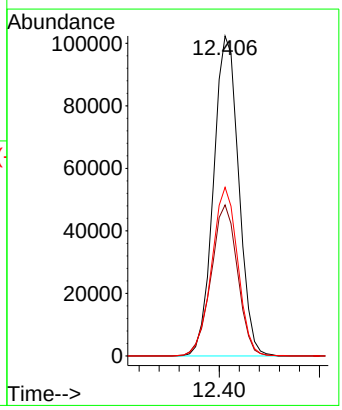


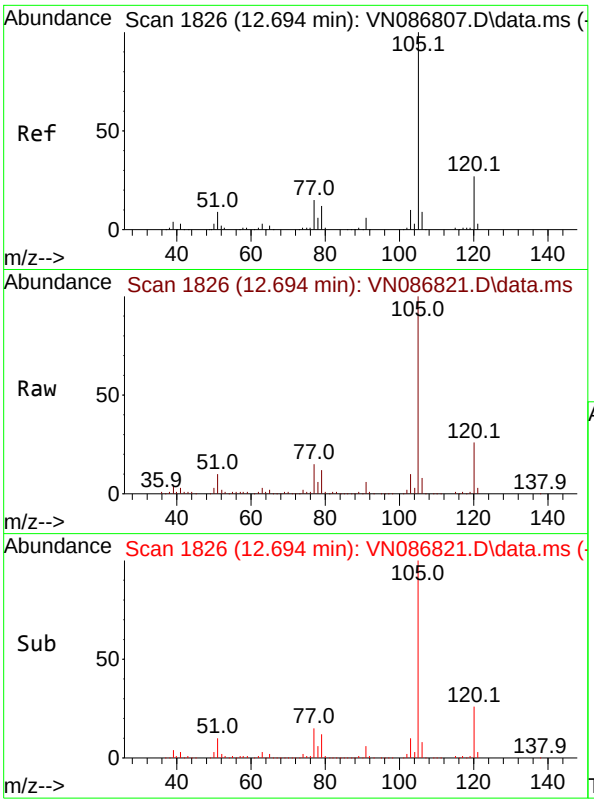


#69
Styrene
Concen: 20.619 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:104 Resp: 178375

Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.6	57.8
103	54.6	43.2	64.8





#70
Isopropylbenzene
Concen: 20.925 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

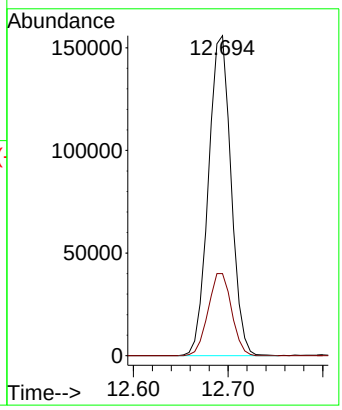
Tgt Ion:105 Resp: 25842

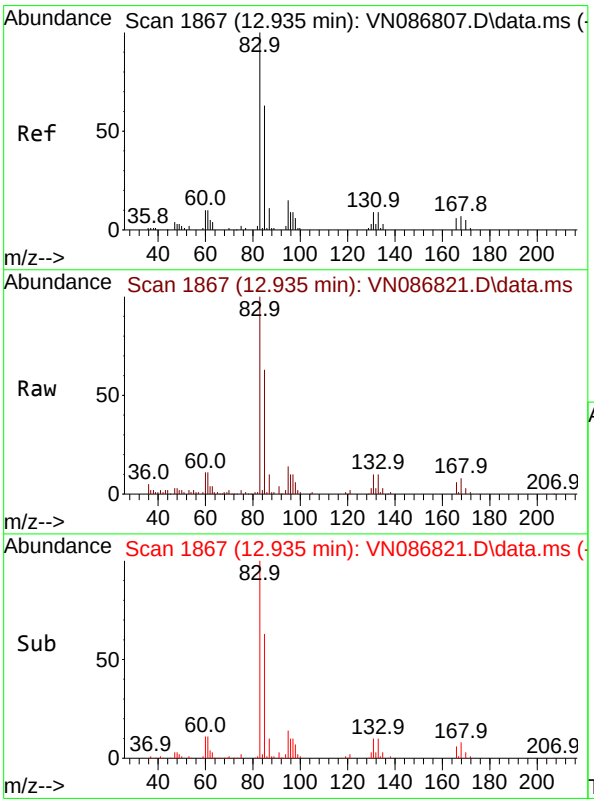
Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.0	35.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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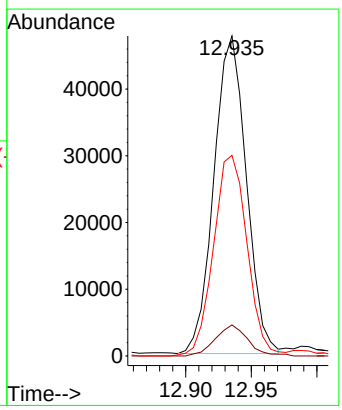


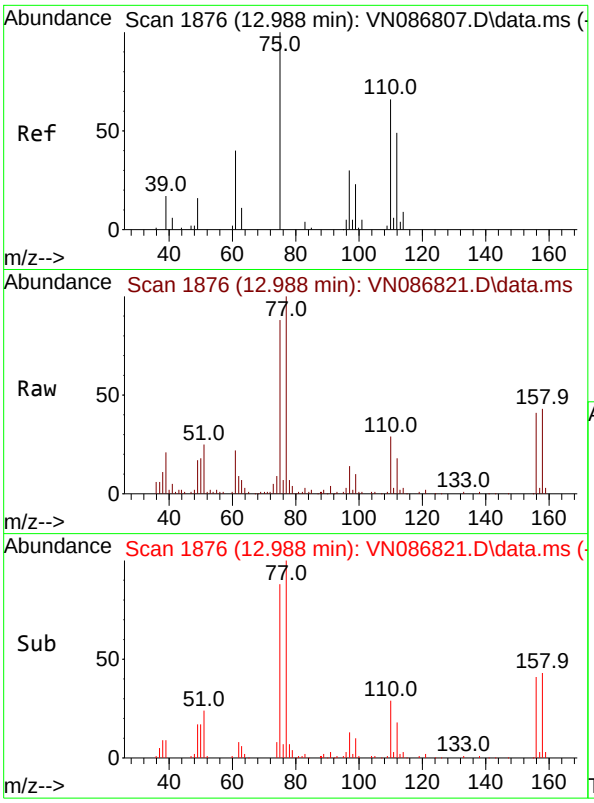


#71
1,1,2,2-Tetrachloroethane
Concen: 27.819 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 83 Resp: 81687

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	65.5	32.6	97.7





#72
1,2,3-Trichloropropane
Concen: 20.688 ug/l m
RT: 12.988 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

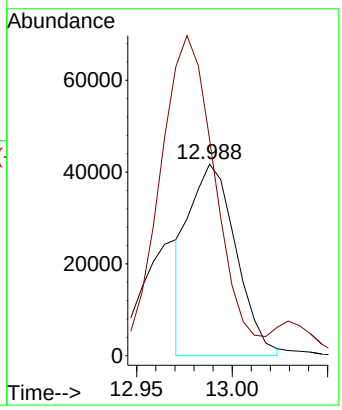
Tgt Ion: 75 Resp: 7119

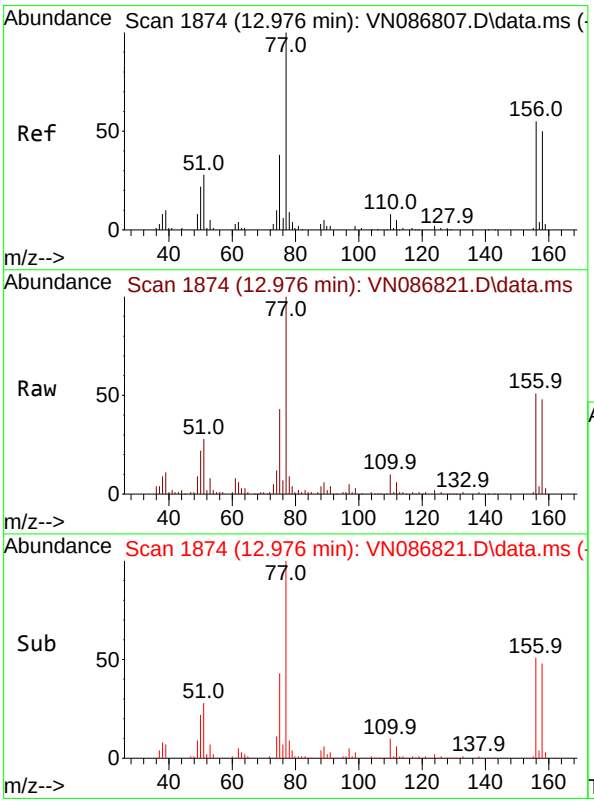
Ion	Ratio	Lower	Upper
75	100		
77	199.5	0.0	390.6

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

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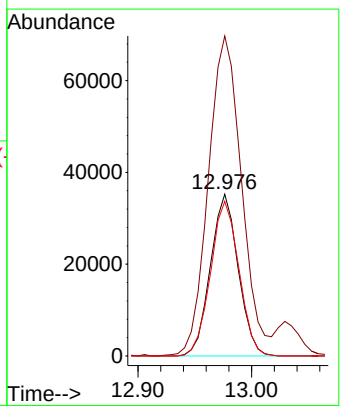


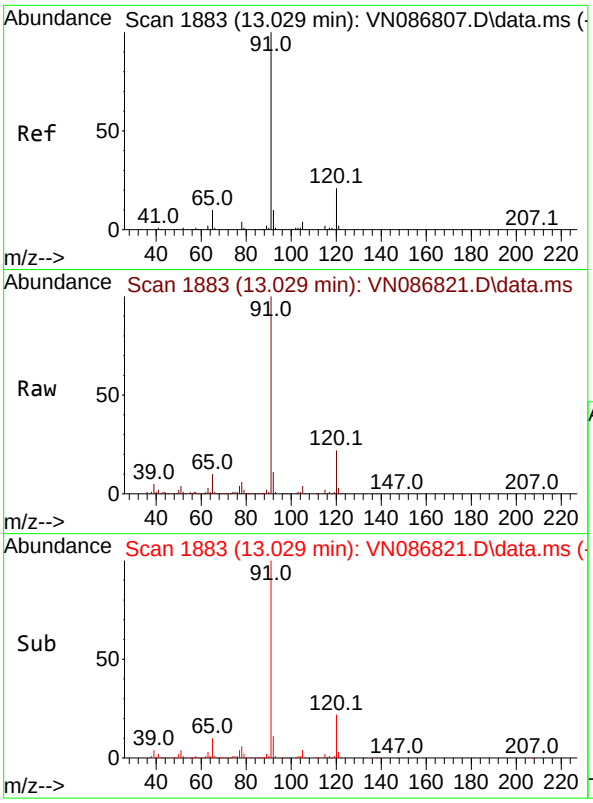


#73
Bromobenzene
Concen: 19.489 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:156 Resp: 59826

Ion	Ratio	Lower	Upper
156	100		
77	237.4	0.0	442.0
158	97.7	0.0	191.8

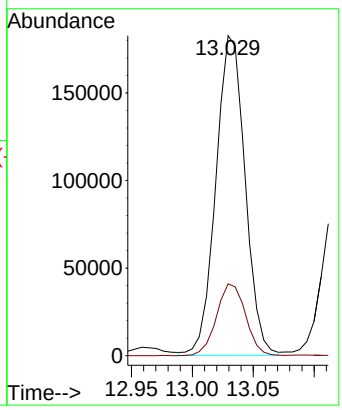




#74
n-propylbenzene
Concen: 20.819 ug/l
RT: 13.029 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 91 Resp: 30456

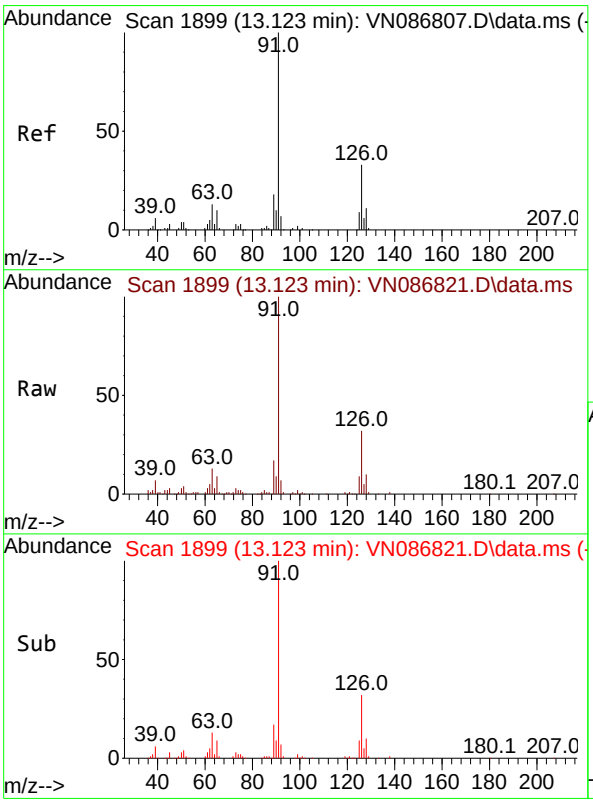
Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	45.6



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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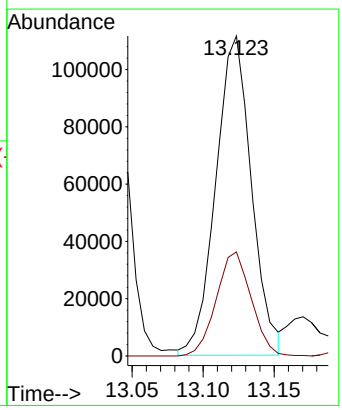
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

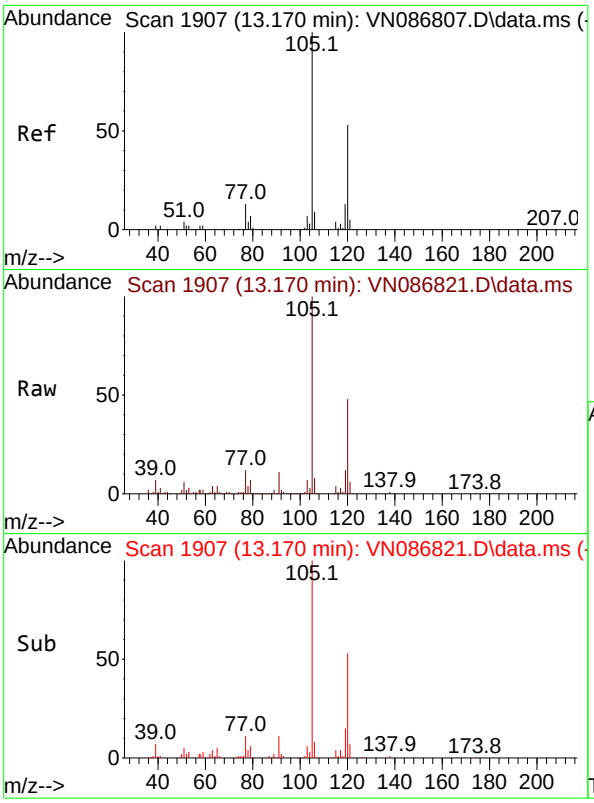


#75
2-Chlorotoluene
Concen: 20.759 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 91 Resp: 194919

Ion	Ratio	Lower	Upper
91	100		
126	31.9	0.0	64.4





#76
1,3,5-Trimethylbenzene
Concen: 20.516 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

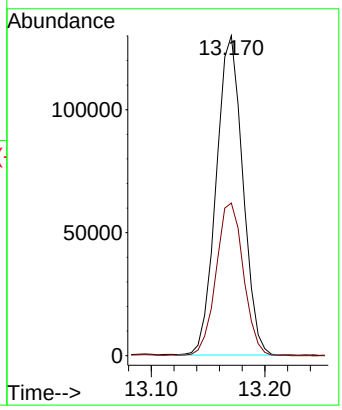
Tgt Ion:105 Resp: 21078

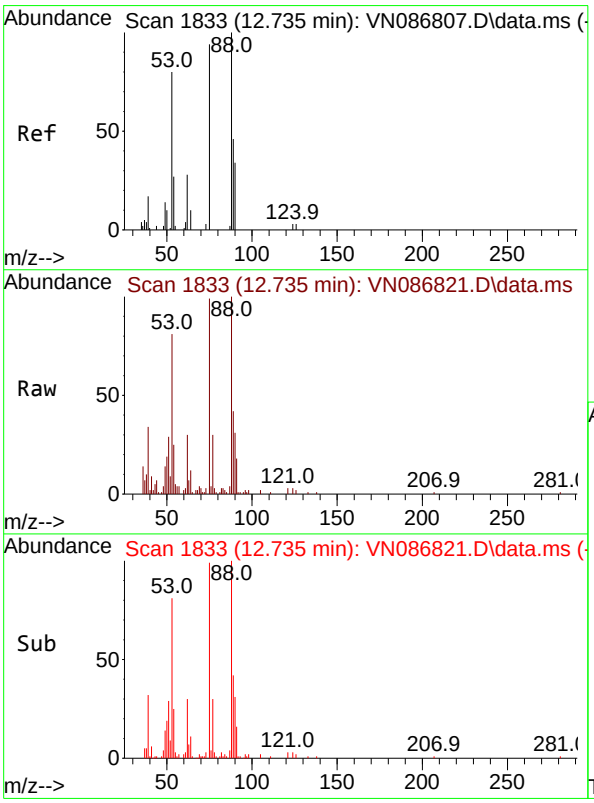
Ion	Ratio	Lower	Upper
105	100		
120	48.9	0.0	101.4

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

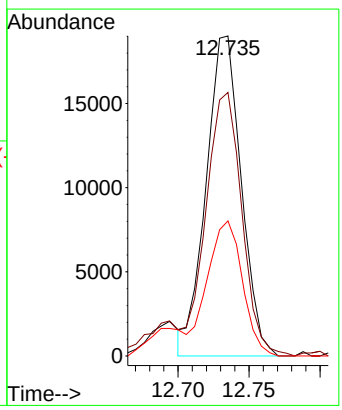


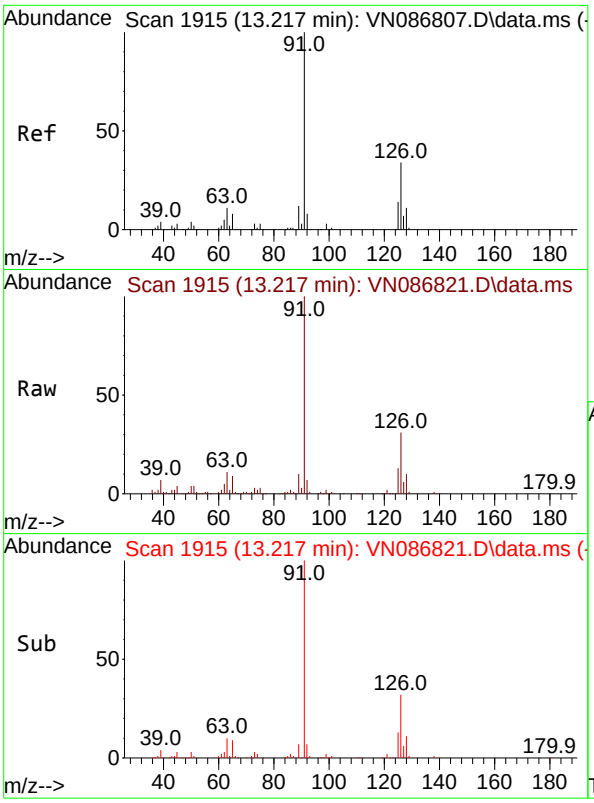


#77
t-1,4-Dichloro-2-butene
Concen: 23.271 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 75 Resp: 32773

Ion	Ratio	Lower	Upper
75	100		
53	81.0	43.0	128.8
89	42.2	25.4	76.2

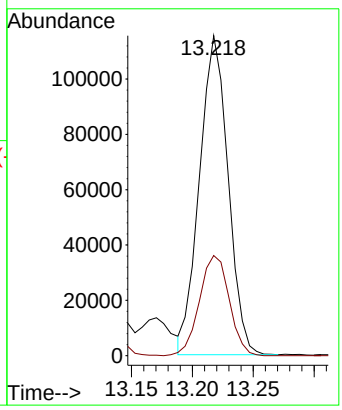




#78
4-Chlorotoluene
Concen: 20.281 ug/l
RT: 13.217 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 91 Resp: 18863

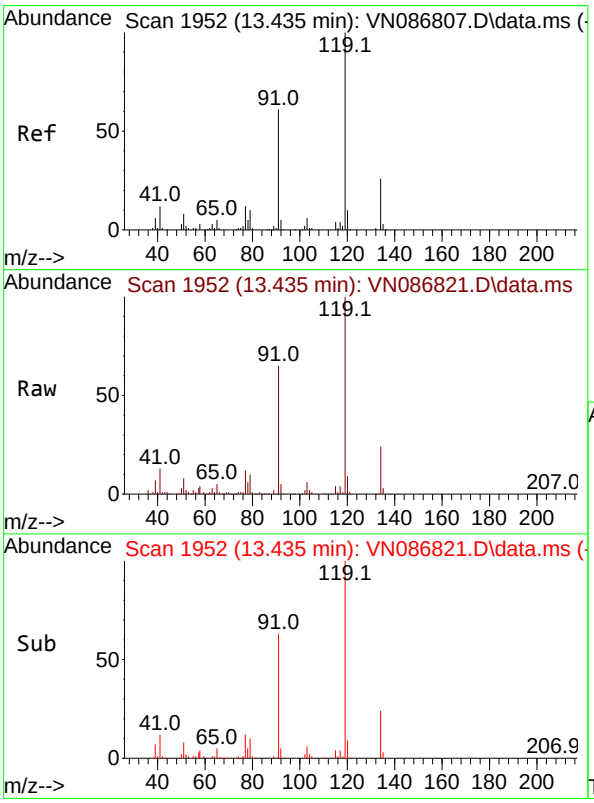
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	66.6



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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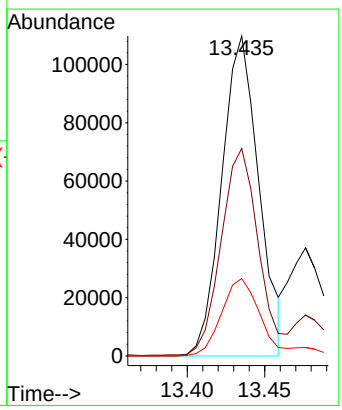
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

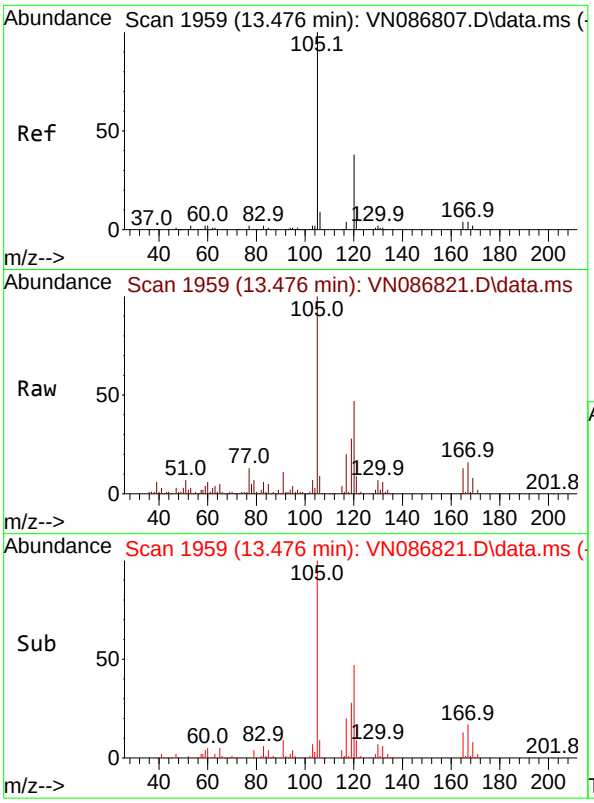


#79
tert-butylbenzene
Concen: 20.541 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:119 Resp: 182469

Ion	Ratio	Lower	Upper
119	100		
91	64.9	0.0	130.4
134	24.7	0.0	50.6





#80
1,2,4-Trimethylbenzene
Concen: 20.983 ug/l
RT: 13.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

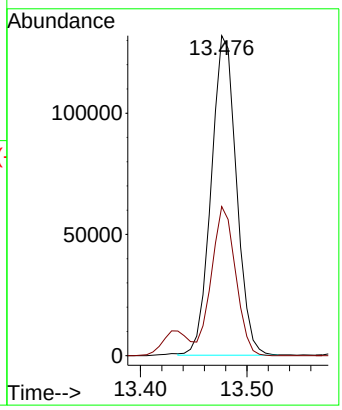
Tgt Ion:105 Resp: 21639

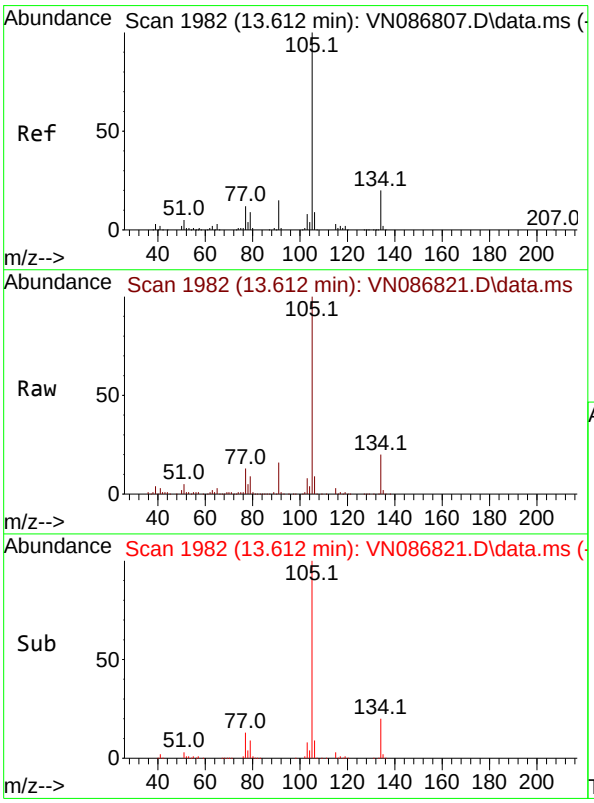
Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.0	92.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

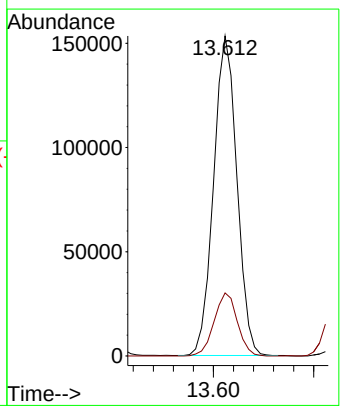


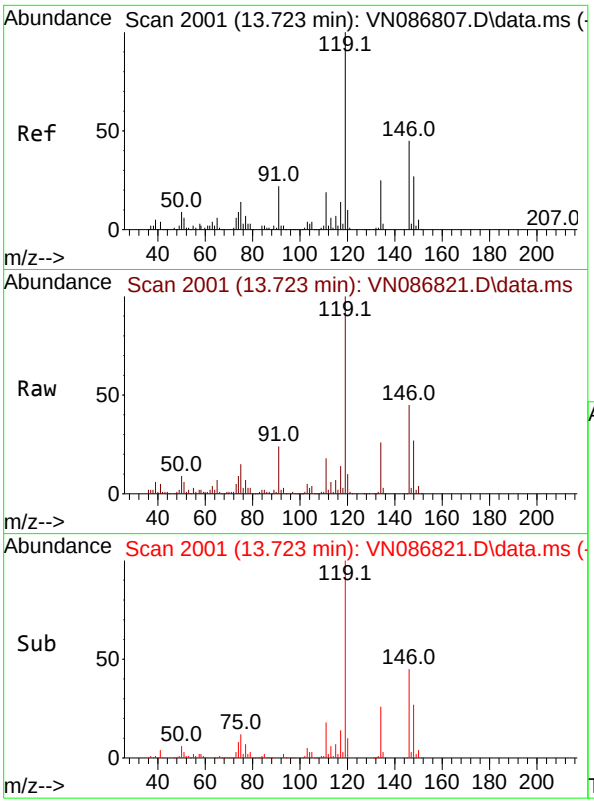


#81
sec-Butylbenzene
Concen: 20.397 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:105 Resp: 246845

Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	40.0





#82
p-Isopropyltoluene
Concen: 20.873 ug/l
RT: 13.723 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

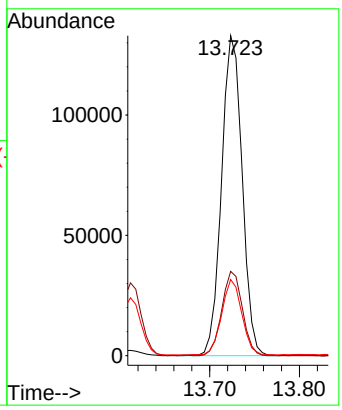
Tgt Ion:119 Resp: 21210

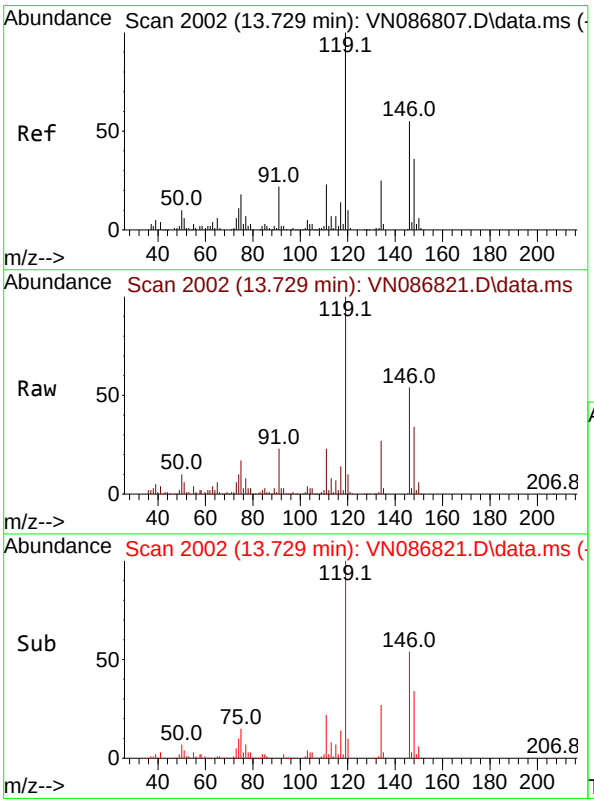
Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	51.8
91	22.7	0.0	45.2

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

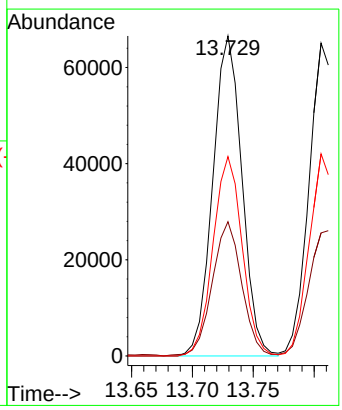


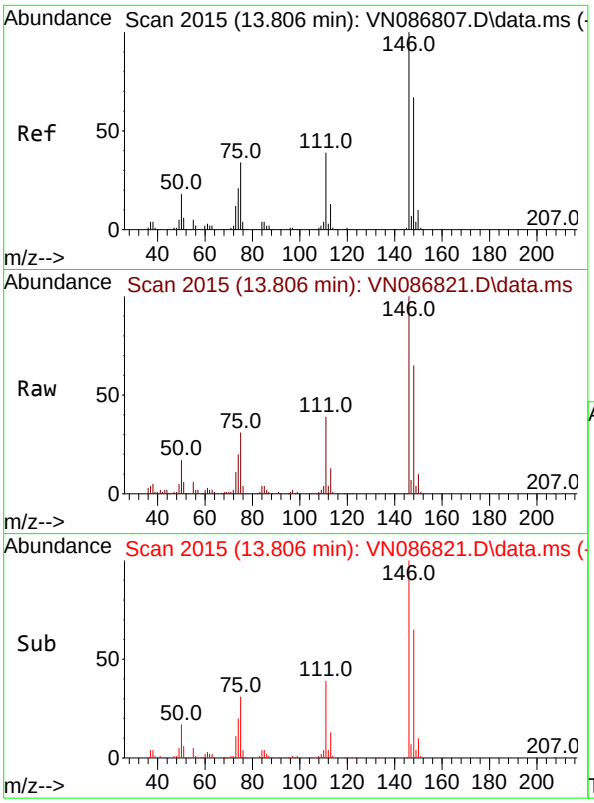


#83
1,3-Dichlorobenzene
Concen: 19.689 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:146 Resp: 110880

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.1
148	62.2	32.1	96.5





#84
1,4-Dichlorobenzene
Concen: 19.388 ug/l
RT: 13.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

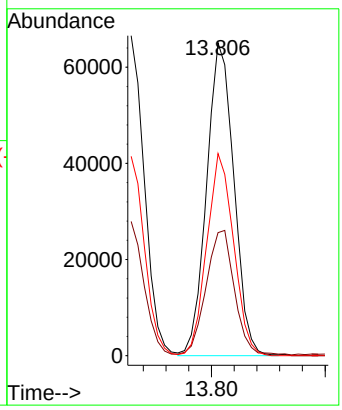
Tgt Ion:146 Resp: 10865

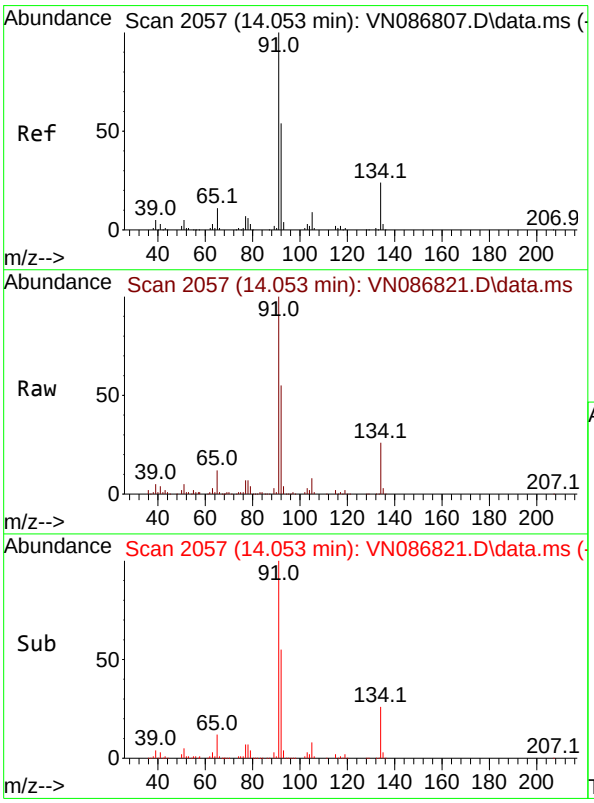
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.8	59.4
148	63.5	31.9	95.5

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

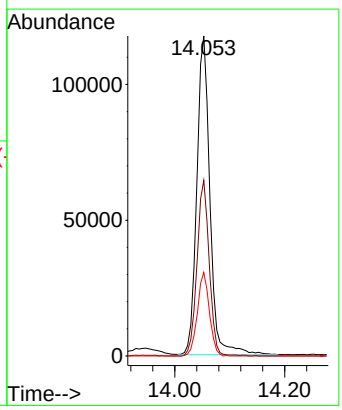


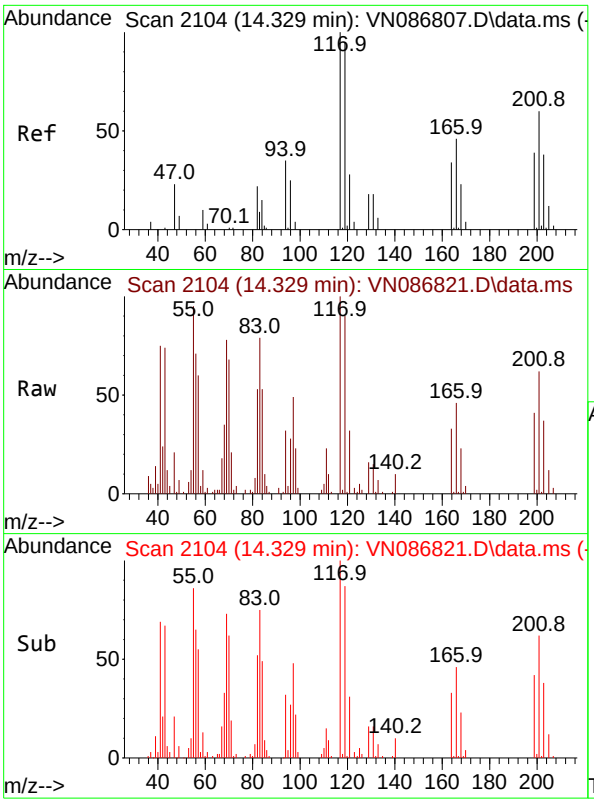


#85
n-Butylbenzene
Concen: 22.920 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion: 91 Resp: 194982

Ion	Ratio	Lower	Upper
91	100		
92	50.9	0.0	107.6
134	23.8	0.0	50.0





#86
Hexachloroethane
Concen: 21.062 ug/l
RT: 14.329 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

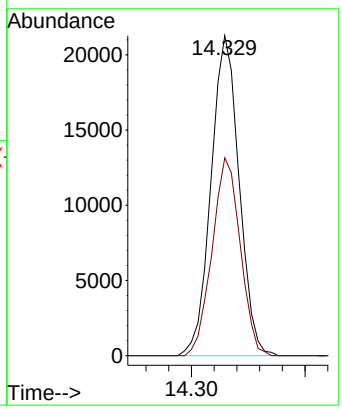
Tgt Ion:117 Resp: 3647

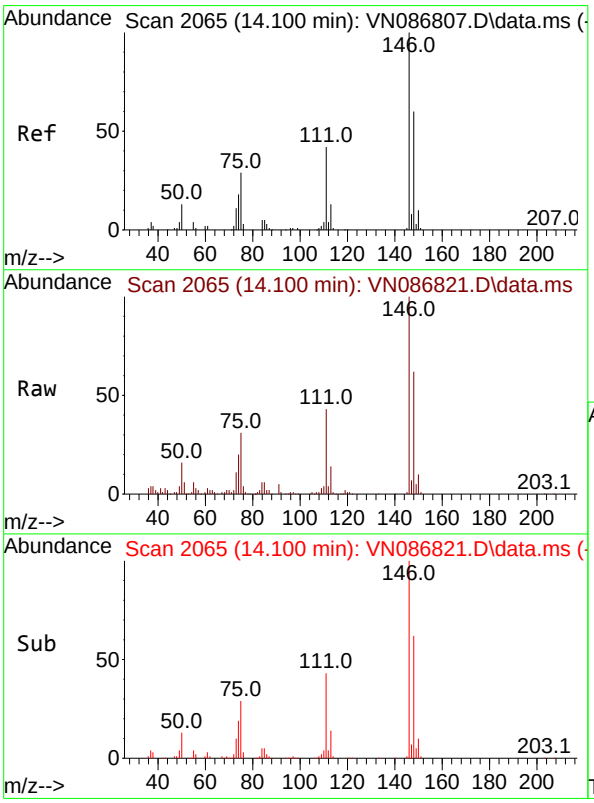
Ion	Ratio	Lower	Upper
117	100		
201	61.9	31.4	94.3

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

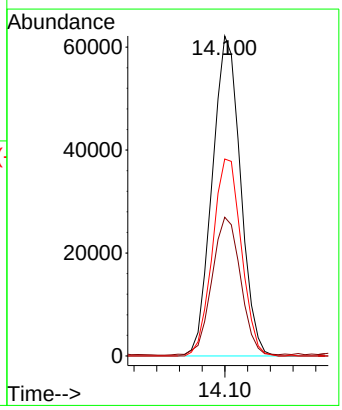


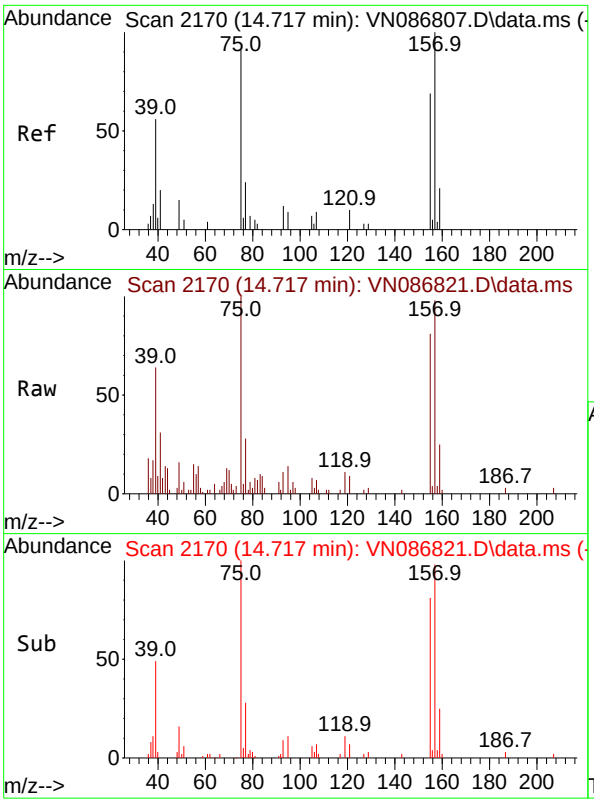


#87
1,2-Dichlorobenzene
Concen: 19.750 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:146 Resp: 107291

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	64.8
148	62.7	31.6	94.7





#88
1,2-Dibromo-3-Chloropropane
Concen: 26.865 ug/l
RT: 14.717 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

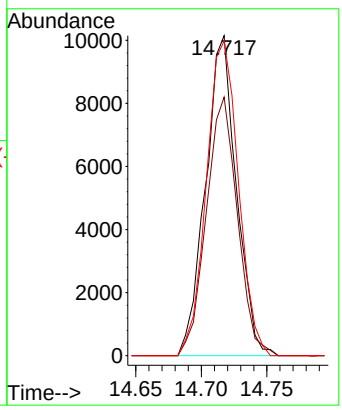
Tgt Ion: 75 Resp: 1661

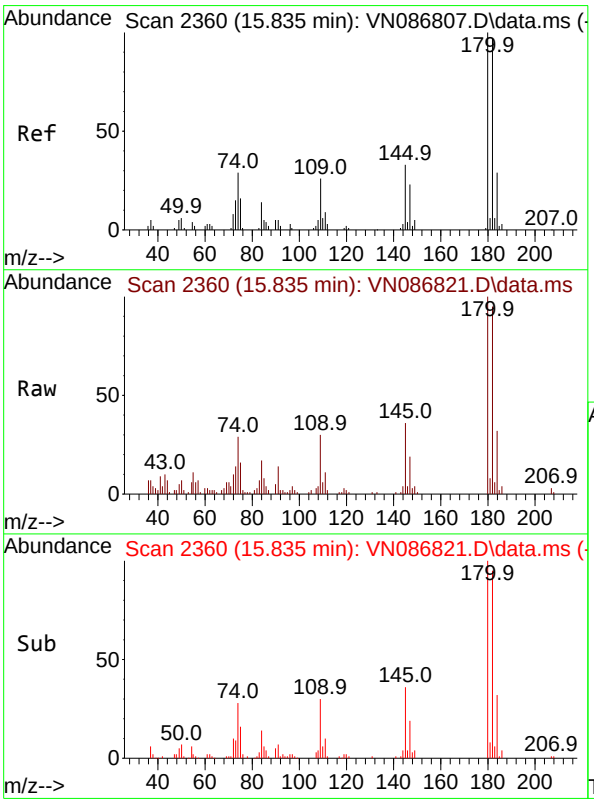
Ion	Ratio	Lower	Upper
75	100		
155	81.4	62.9	94.3
157	102.0	84.0	126.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

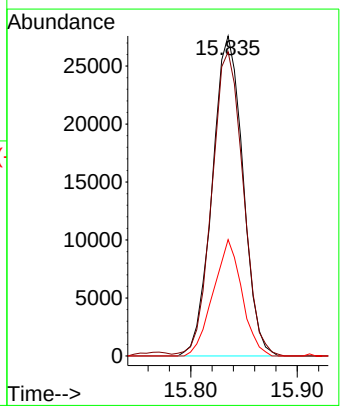


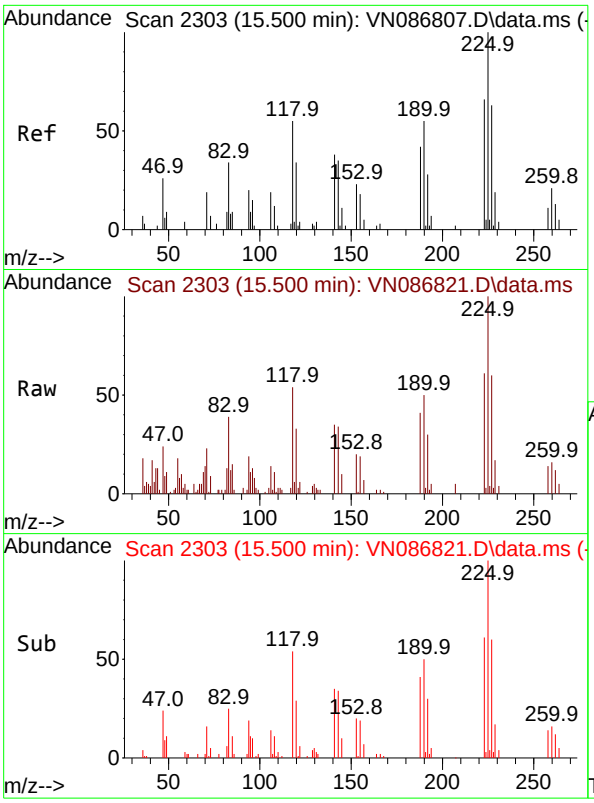


#89
1,2,4-Trichlorobenzene
Concen: 24.230 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:180 Resp: 55086

Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.2	117.2
145	34.1	28.0	42.0





#90
Hexachlorobutadiene
Concen: 20.898 ug/l
RT: 15.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

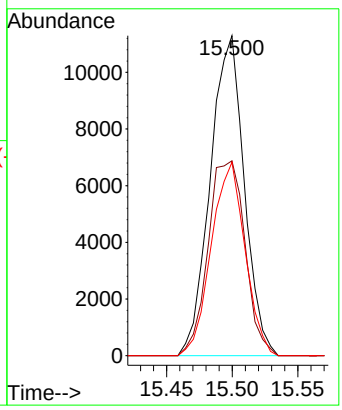
Tgt Ion:225 Resp: 2036

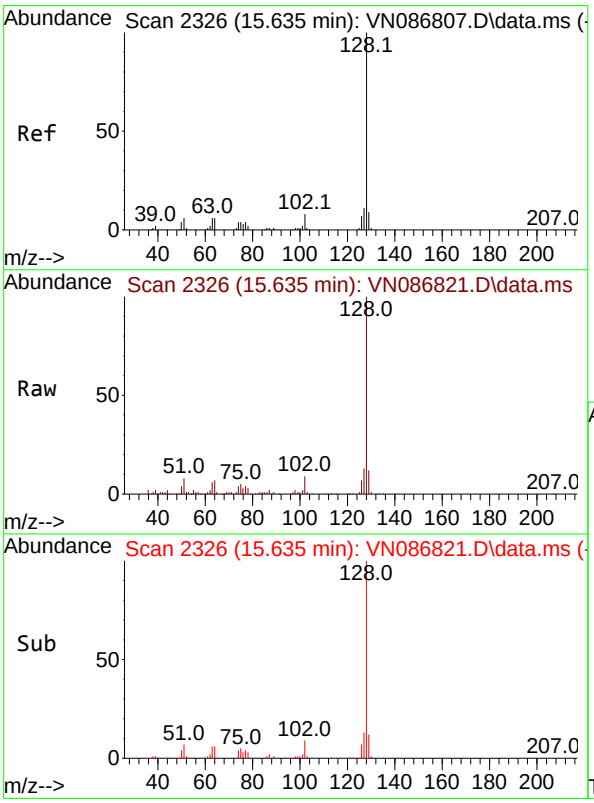
Ion	Ratio	Lower	Upper
225	100		
223	66.1	0.0	135.8
227	59.9	0.0	125.0

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

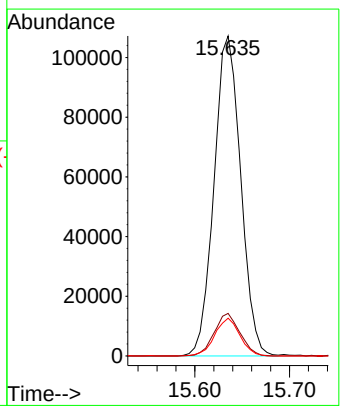


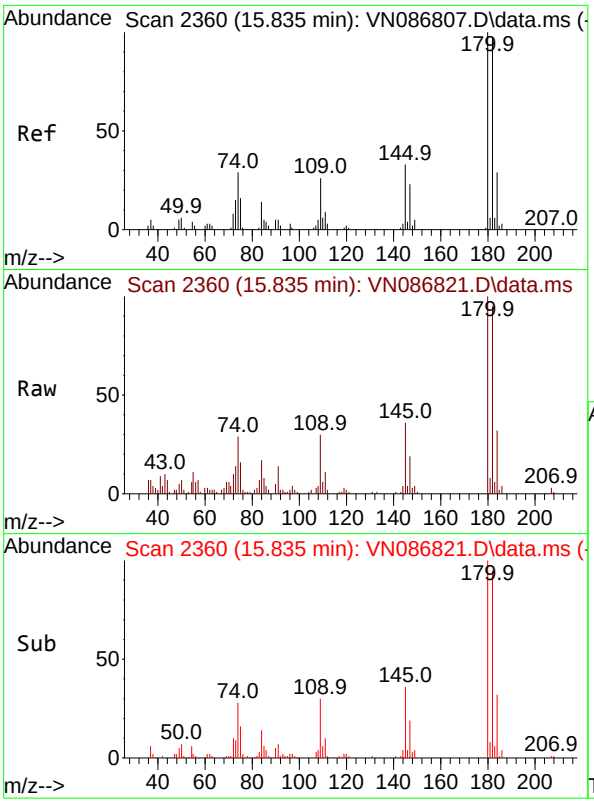


#91
Naphthalene
Concen: 26.467 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:128 Resp: 209948

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.8	14.6
129	11.1	8.6	13.0

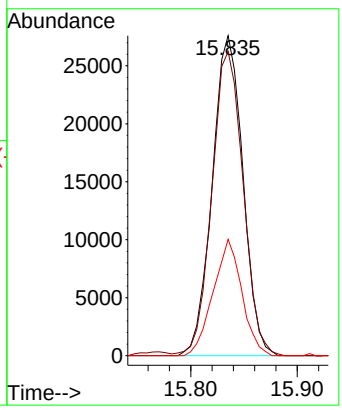




#92
1,2,3-Trichlorobenzene
Concen: 24.230 ug/l
RT: 15.835 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086821.D
Acq: 29 May 2025 17:49

Tgt Ion:180 Resp: 5508

Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	195.4
145	34.1	0.0	70.0



Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

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

Manual Integration Report

Sequence:	VN052925	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VN086806.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:47:47 AM	MMDadoda	5/30/2025 12:24:47 PM	Peak Integrated by Software
VSTDICC005	VN086806.D	Acrolein	JOHN	5/30/2025 9:47:47 AM	MMDadoda	5/30/2025 12:24:47 PM	Peak Integrated by Software
VSTDICC005	VN086806.D	Methyl Acetate	JOHN	5/30/2025 9:47:47 AM	MMDadoda	5/30/2025 12:24:47 PM	Peak Integrated by Software
VSTDICC005	VN086806.D	Methylene Chloride	JOHN	5/30/2025 9:47:47 AM	MMDadoda	5/30/2025 12:24:47 PM	Peak Integrated by Software
VSTDICC005	VN086806.D	tert-Butyl Alcohol	JOHN	5/30/2025 9:47:47 AM	MMDadoda	5/30/2025 12:24:47 PM	Peak Integrated by Software
VSTDICCC020	VN086807.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:47:52 AM	MMDadoda	5/30/2025 12:24:46 PM	Peak Integrated by Software
VSTDICC050	VN086808.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:47:57 AM	MMDadoda	5/30/2025 12:24:45 PM	Peak Integrated by Software
VSTDICC100	VN086809.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:48:01 AM	MMDadoda	5/30/2025 12:24:43 PM	Peak Integrated by Software
VSTDICC150	VN086810.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:48:06 AM	MMDadoda	5/30/2025 12:24:37 PM	Peak Integrated by Software
VSTDICV020	VN086812.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:48:09 AM	MMDadoda	5/30/2025 12:24:35 PM	Peak Integrated by Software
VSTDICV020	VN086812.D	Ethyl Acetate	JOHN	5/30/2025 9:48:09 AM	MMDadoda	5/30/2025 12:24:35 PM	Peak Integrated by Software
VN0529WBS01	VN086813.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:48:14 AM	MMDadoda	5/30/2025 12:24:33 PM	Peak Integrated by Software
VN0529WBS01	VN086813.D	Allyl chloride	JOHN	5/30/2025 9:48:14 AM	MMDadoda	5/30/2025 12:24:33 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN052925	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VN0529WBS01	VN086813.D	Ethyl Acetate	JOHN	5/30/2025 9:48:14 AM	MMDadoda	5/30/2025 12:24:33 PM	Peak Integrated by Software
Q2098-04	VN086818.D	1,2-Dichloroethane-d4	JOHN	5/30/2025 9:49:45 AM	MMDadoda	5/30/2025 12:24:25 PM	Peak Integrated by Software
Q2098-04	VN086818.D	1,4-Difluorobenzene	JOHN	5/30/2025 9:49:45 AM	MMDadoda	5/30/2025 12:24:25 PM	Peak Integrated by Software
Q2098-04	VN086818.D	Bromochloromethane	JOHN	5/30/2025 9:49:45 AM	MMDadoda	5/30/2025 12:24:25 PM	Peak Integrated by Software
Q2098-04	VN086818.D	Carbon Disulfide	JOHN	5/30/2025 9:49:45 AM	MMDadoda	5/30/2025 12:24:25 PM	Peak Integrated by Software
Q2098-04	VN086818.D	Chloroform	JOHN	5/30/2025 9:49:45 AM	MMDadoda	5/30/2025 12:24:25 PM	Peak Integrated by Software
Q2098-01	VN086819.D	Chloromethane	JOHN	5/30/2025 9:49:49 AM	MMDadoda	5/30/2025 12:24:23 PM	Peak Integrated by Software
Q2098-01	VN086819.D	Methyl Iodide	JOHN	5/30/2025 9:49:49 AM	MMDadoda	5/30/2025 12:24:23 PM	Peak Integrated by Software
Q2098-02MS	VN086820.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:49:54 AM	MMDadoda	5/30/2025 12:24:21 PM	Peak Integrated by Software
Q2098-02MS	VN086820.D	Chloroethane	JOHN	5/30/2025 9:49:54 AM	MMDadoda	5/30/2025 12:24:21 PM	Peak Integrated by Software
Q2098-02MS	VN086820.D	Ethyl Acetate	JOHN	5/30/2025 9:49:54 AM	MMDadoda	5/30/2025 12:24:21 PM	Peak Integrated by Software
Q2098-03MSD	VN086821.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:49:59 AM	MMDadoda	5/30/2025 12:24:19 PM	Peak Integrated by Software
Q2098-03MSD	VN086821.D	Chloroethane	JOHN	5/30/2025 9:49:59 AM	MMDadoda	5/30/2025 12:24:19 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN052925	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2098-03MSD	VN086821.D	Ethyl Acetate	JOHN	5/30/2025 9:49:59 AM	MMDadoda	5/30/2025 12:24:19 PM	Peak Integrated by Software
VSTDCCC020	VN086824.D	1,2,3-Trichloropropane	JOHN	5/30/2025 9:52:03 AM	MMDadoda	5/30/2025 12:24:17 PM	Peak Integrated by Software
VSTDCCC020	VN086824.D	1,4-Dioxane	JOHN	5/30/2025 9:52:03 AM	MMDadoda	5/30/2025 12:24:17 PM	Peak Integrated by Software
VSTDCCC020	VN086824.D	Ethyl Acetate	JOHN	5/30/2025 9:52:03 AM	MMDadoda	5/30/2025 12:24:17 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN052925

Review By	John Carlone	Review On	5/30/2025 9:55:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:24:58 PM		
SubDirectory	VN052925	HP Acquire Method		HP Processing Method	624N052925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134047
Initial Calibration Stds	VP134060,VP134061,VP134062,VP134063,VP134064
CCC	VP134048,VP134066,VP134067
Internal Standard/PEM	
ICV/I.BLK	VP134065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086803.D	29 May 2025 08:57	JC\MD	Ok
2	VSTDCCC020	VN086804.D	29 May 2025 09:56	JC\MD	Not Ok
3	IBLK	VN086805.D	29 May 2025 10:32	JC\MD	Ok
4	VSTDICC005	VN086806.D	29 May 2025 10:56	JC\MD	Ok,M
5	VSTDICCC020	VN086807.D	29 May 2025 11:20	JC\MD	Ok,M
6	VSTDICC050	VN086808.D	29 May 2025 11:44	JC\MD	Ok,M
7	VSTDICC100	VN086809.D	29 May 2025 12:08	JC\MD	Ok,M
8	VSTDICC150	VN086810.D	29 May 2025 12:32	JC\MD	Ok,M
9	IBLK	VN086811.D	29 May 2025 12:56	JC\MD	Ok
10	VSTDICV020	VN086812.D	29 May 2025 13:29	JC\MD	Ok,M
11	VN0529WBS01	VN086813.D	29 May 2025 14:04	JC\MD	Ok,M
12	VN0529WBSD01	VN086814.D	29 May 2025 14:28	JC\MD	Ok,M
13	VN0529WBL01	VN086815.D	29 May 2025 14:55	JC\MD	Ok
14	Q2126-07 2.5PPB	VN086816.D	29 May 2025 15:29	JC\MD	ReRun
15	Q2126-08 5.0PPB	VN086817.D	29 May 2025 16:02	JC\MD	ReRun
16	Q2098-04	VN086818.D	29 May 2025 16:37	JC\MD	Ok,M
17	Q2098-01	VN086819.D	29 May 2025 17:01	JC\MD	Ok,M
18	Q2098-02MS	VN086820.D	29 May 2025 17:25	JC\MD	Ok,M
19	Q2098-03MSD	VN086821.D	29 May 2025 17:49	JC\MD	Ok,M
20	IBLK	VN086822.D	29 May 2025 18:13	JC\MD	Ok
21	Q2098-04RE	VN086823.D	29 May 2025 18:37	JC\MD	Not Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN052925

Review By	John Carlone	Review On	5/30/2025 9:55:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:24:58 PM		
SubDirectory	VN052925	HP Acquire Method		HP Processing Method	624N052925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134047
Initial Calibration Stds	VP134060,VP134061,VP134062,VP134063,VP134064
CCC	VP134048,VP134066,VP134067
Internal Standard/PEM	
ICV/I.BLK	VP134065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC020	VN086824.D	29 May 2025 19:01	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN052925

Review By	John Carlone	Review On	5/30/2025 9:55:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:24:58 PM		
SubDirectory	VN052925	HP Acquire Method		HP Processing Method	624N052925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134047
Initial Calibration Stds	VP134060,VP134061,VP134062,VP134063,VP134064
CCC	VP134048,VP134066,VP134067
Internal Standard/PEM	
ICV/I.BLK	VP134065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086803.D	29 May 2025 08:57		JC\MD	Ok
2	VSTDCCC020	VSTDCCC020	VN086804.D	29 May 2025 09:56	Need ICAL	JC\MD	Not Ok
3	IBLK	IBLK	VN086805.D	29 May 2025 10:32		JC\MD	Ok
4	VSTDICC005	VSTDICC005	VN086806.D	29 May 2025 10:56		JC\MD	Ok,M
5	VSTDICCC020	VSTDICCC020	VN086807.D	29 May 2025 11:20		JC\MD	Ok,M
6	VSTDICC050	VSTDICC050	VN086808.D	29 May 2025 11:44		JC\MD	Ok,M
7	VSTDICC100	VSTDICC100	VN086809.D	29 May 2025 12:08		JC\MD	Ok,M
8	VSTDICC150	VSTDICC150	VN086810.D	29 May 2025 12:32		JC\MD	Ok,M
9	IBLK	IBLK	VN086811.D	29 May 2025 12:56		JC\MD	Ok
10	VSTDICV020	ICVVN052925	VN086812.D	29 May 2025 13:29		JC\MD	Ok,M
11	VN0529WBS01	VN0529WBS01	VN086813.D	29 May 2025 14:04		JC\MD	Ok,M
12	VN0529WBSD01	VN0529WBSD01	VN086814.D	29 May 2025 14:28		JC\MD	Ok,M
13	VN0529WBL01	VN0529WBL01	VN086815.D	29 May 2025 14:55		JC\MD	Ok
14	Q2126-07 2.5PPB	LOD-MDL-WATER-01-(	VN086816.D	29 May 2025 15:29	End CCC Failed	JC\MD	ReRun
15	Q2126-08 5.0PPB	LOQ-WATER-02-QT2-2	VN086817.D	29 May 2025 16:02	End CCC Failed	JC\MD	ReRun
16	Q2098-04	OUTFALL-DSN-002	VN086818.D	29 May 2025 16:37	vial A pH<2 Surrogate Fail;Internal Standard Fail;	JC\MD	Ok,M
17	Q2098-01	OUTFALL-DSN-001	VN086819.D	29 May 2025 17:01	vial A pH<2	JC\MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN052925

Review By	John Carlone	Review On	5/30/2025 9:55:50 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/30/2025 12:24:58 PM		
SubDirectory	VN052925	HP Acquire Method		HP Processing Method	624N052925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134047
Initial Calibration Stds	VP134060,VP134061,VP134062,VP134063,VP134064
CCC	VP134048,VP134066,VP134067
Internal Standard/PEM	
ICV/I.BLK	VP134065
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2098-02MS	OUTFALL-DSN-001MS	VN086820.D	29 May 2025 17:25	Recovery failed above 50% compound of client ask parameter	JC\MD	Ok,M
19	Q2098-03MSD	OUTFALL-DSN-001MS	VN086821.D	29 May 2025 17:49		JC\MD	Ok,M
20	IBLK	IBLK	VN086822.D	29 May 2025 18:13		JC\MD	Ok
21	Q2098-04RE	OUTFALL-DSN-002RE	VN086823.D	29 May 2025 18:37	vial B pH<2 Not purged	JC\MD	Not Ok
22	VSTDCCC020	VSTDCCC020EC	VN086824.D	29 May 2025 19:01	END CCC fail for comp.#61	JC\MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2098
COC Number 2047096

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TRIS PHARMA, INC
ADDRESS: 2033 ROUTE 130
CITY MONMOUTH JUNCTION STATE: NJ ZIP: 08852
ATTENTION: Nikki TIERNEY
PHONE: 732-823-4938 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: QUARTERLY
PROJECT NO.: LOCATION:
PROJECT MANAGER: Nikki TIERNEY
e-mail: nmtierney@trispharma.com
PHONE: SAME FAX: N/A

CLIENT BILLING INFORMATION

BILL TO: PO#: 211765
ADDRESS:
CITY SAME STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: 10 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 _____

ANALYSIS

1: BOD5
2: TSS
3: METALS GRP 3
4: COD
5: VOCMS GRP 1
6: NON-POLAR Material
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E	B	C	A	C				← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1. DSN-001	SEWER OUTFALL DSN-001	WW		X	5/20/25	9:00AM	7	X	X	X	X	X	X				pH 1.6 pH 1.3
2. DSN-002	SEWER OUTFALL DSN-002	WW		X	5/20/25	9:44AM	7	X	X	X	X	X	X				pH 1.6 pH 1.3
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. N. TIERNEY	05/20/25 11:44AM	1. 1430 5-20-25
2.		2.
3.	DATE/TIME: 1625 5-20-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.6 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2098 TRIS02
Client Name : Tris Pharma, Inc.
Client Contact : Nichole Nikki Ferrari
Invoice Name : Tris Pharma, Inc.
Invoice Contact : Nichole Nikki Ferrari

Order Date : 5/20/2025 2:44:00 PM
Project Name : Quarterly
Receive DateTime : 5/20/2025 ~~12:00:00~~ AM 16:25
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2098-01	OUTFALL-DSN-001	Water	05/20/2025	09:00					
					VOCMS Group1		624.1		10 Bus. Days
Q2098-02	Q2098-01MS	Water	05/20/2025	09:00					
					VOCMS Group1		624.1		10 Bus. Days
Q2098-03	Q2098-01MSD	Water	05/20/2025	09:00					
					VOCMS Group1		624.1		10 Bus. Days
Q2098-04	OUTFALL-DSN-002	Water	05/20/2025	09:44					
					VOCMS Group1		624.1		10 Bus. Days

Stored in VOA ref# 05

Relinquished By : [signature]
Date / Time : 5/21/25 945

Received By : [signature]
Date / Time : 5-21-25 10:25

Storage Area : VOA Refridgerator Room