

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)

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

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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

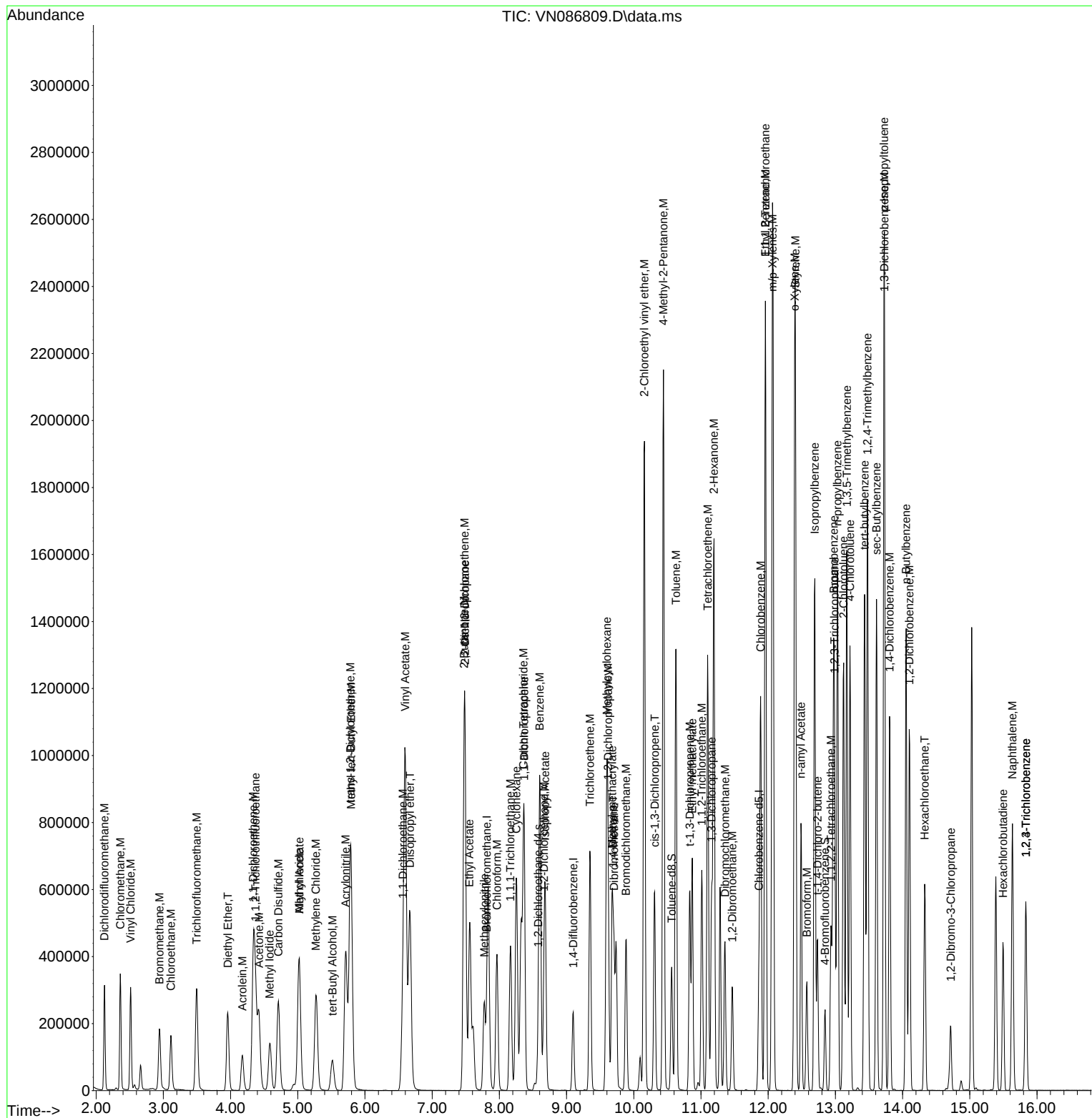
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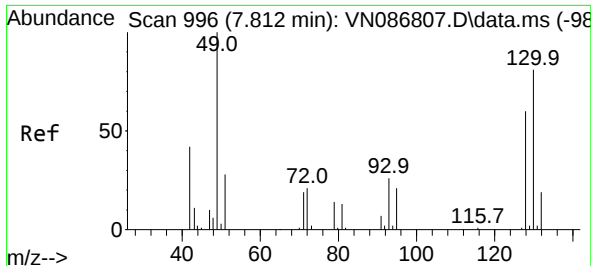
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

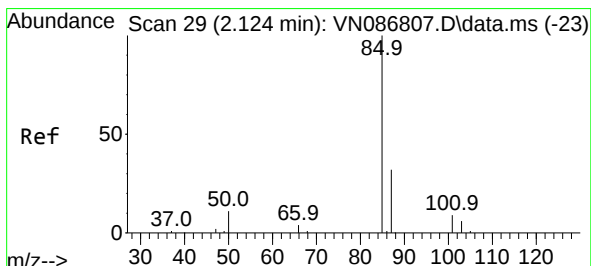
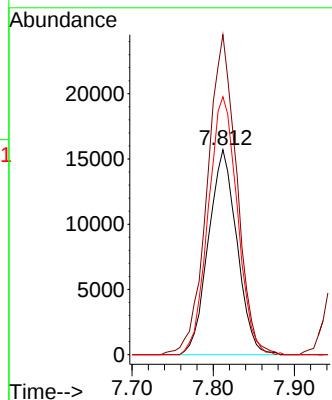
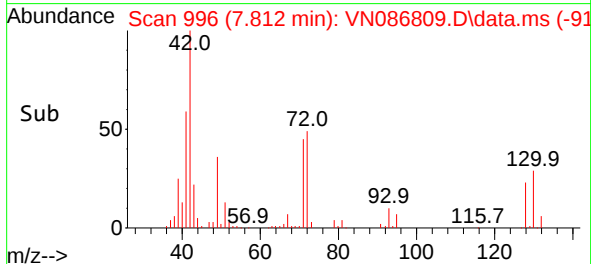
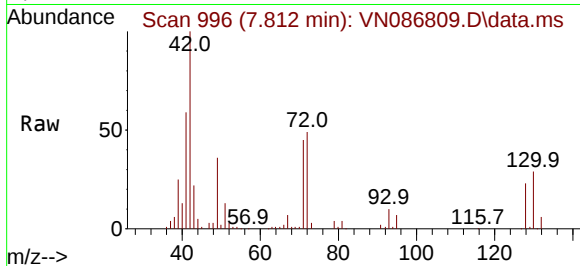
VSTDIC100

Tgt Ion:128 Resp: 38334
Ion Ratio Lower Upper
128 100
49 160.9 0.0 404.5
130 128.4 0.0 322.2

Manual Integrations

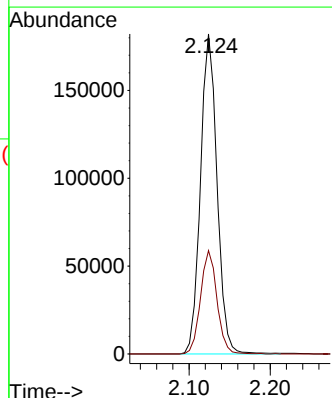
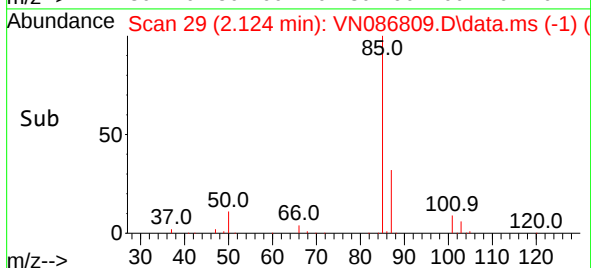
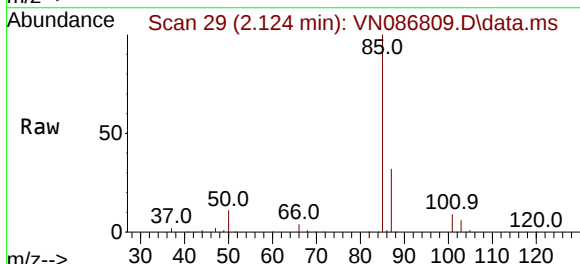
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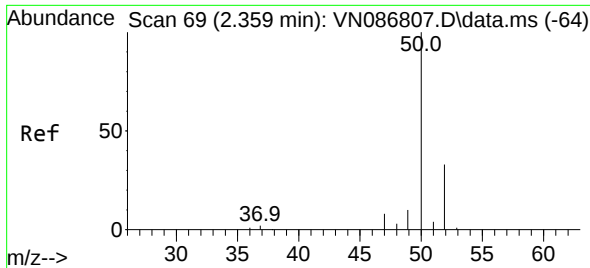
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





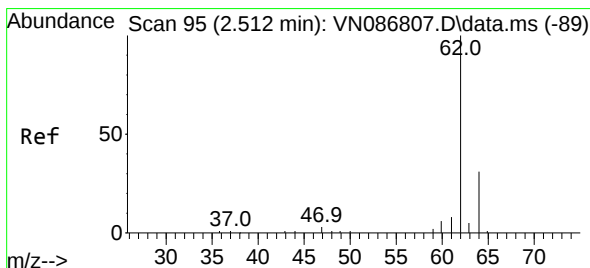
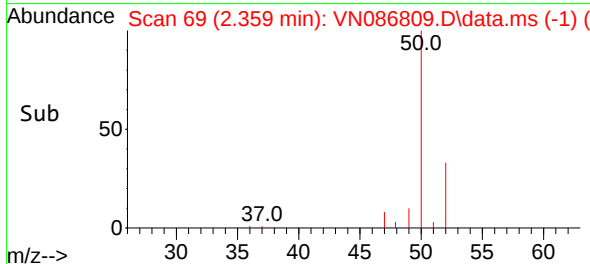
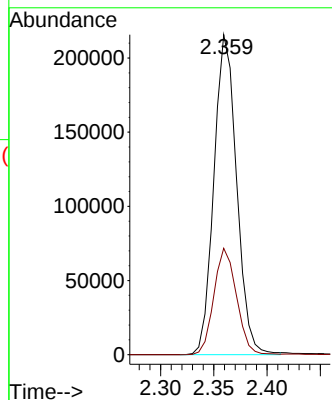
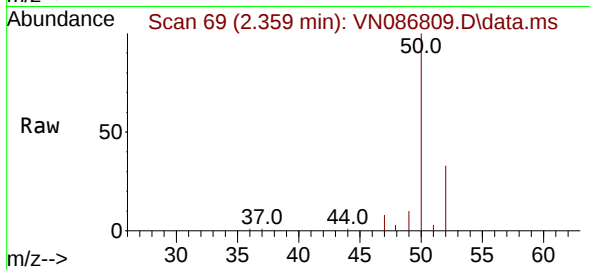
#3
Chloromethane
Concen: 95.132 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086809.D
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Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 31934
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

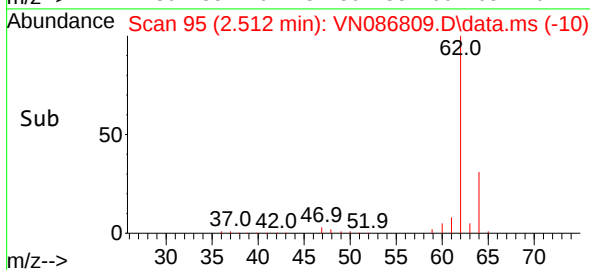
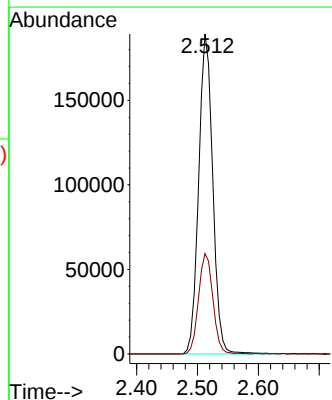
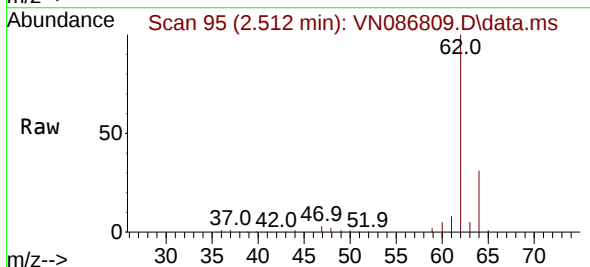
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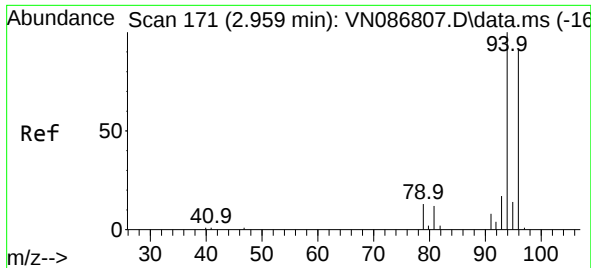
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 98.579 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086809.D
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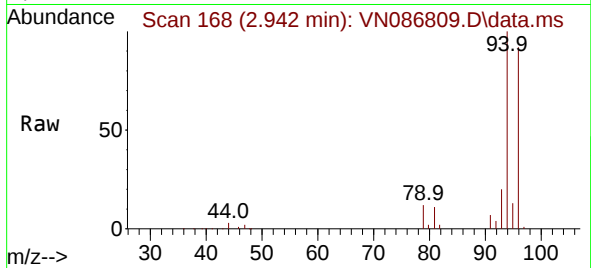
Tgt Ion: 62 Resp: 304536
Ion Ratio Lower Upper
62 100
64 31.3 24.6 36.8





#5
Bromomethane
Concen: 91.939 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN086809.D
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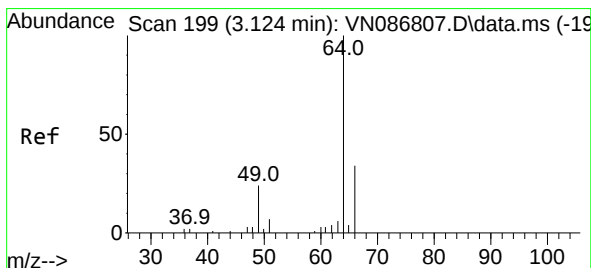
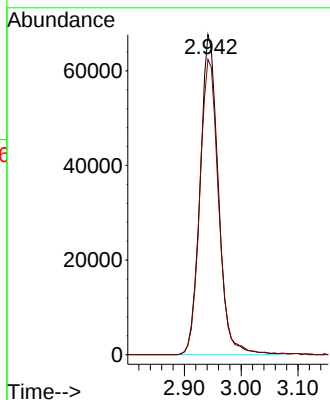
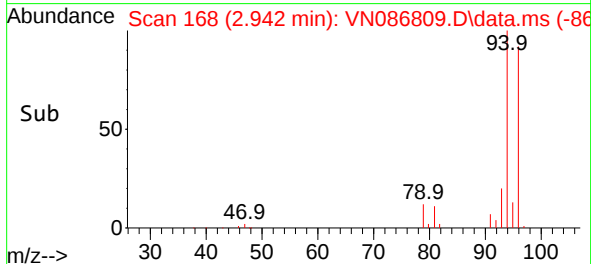
Instrument :
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Tgt Ion: 94 Resp: 15048
Ion Ratio Lower Upper
94 100
96 92.2 72.7 109.1

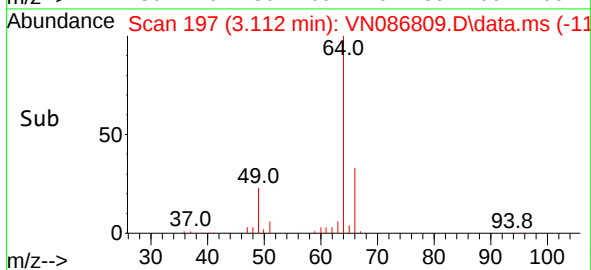
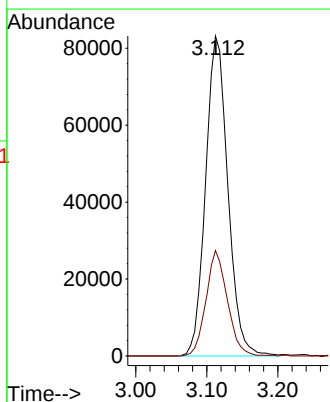
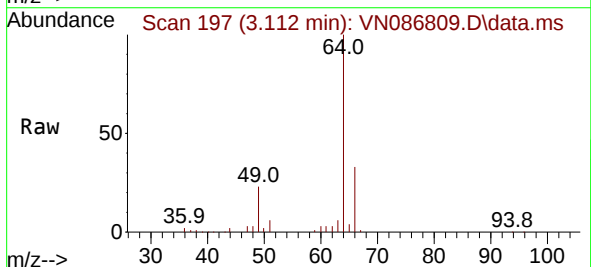
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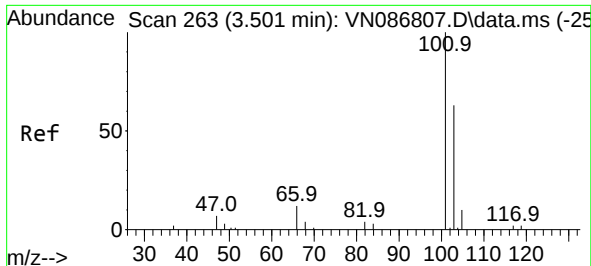
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

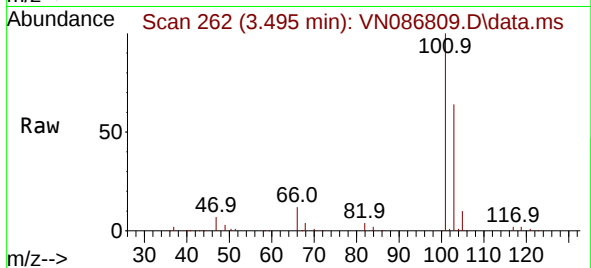
Tgt Ion: 64 Resp: 181542
Ion Ratio Lower Upper
64 100
66 33.0 27.5 41.3





#7
Trichlorofluoromethane
Concen: 96.658 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN086809.D
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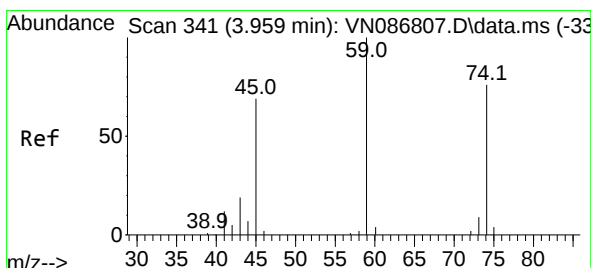
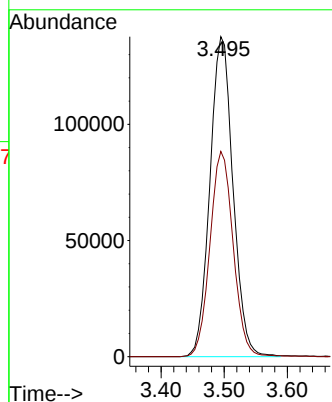
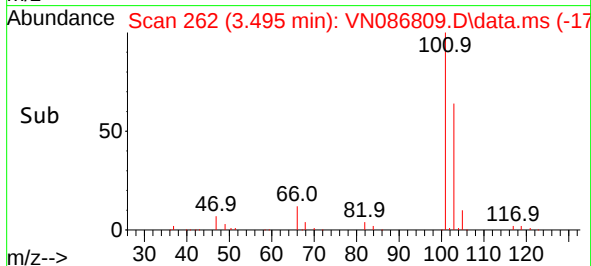
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



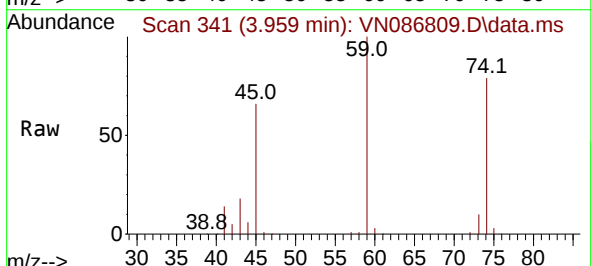
Tgt Ion:101 Resp: 34972
Ion Ratio Lower Upper
101 100
103 64.1 50.0 75.0

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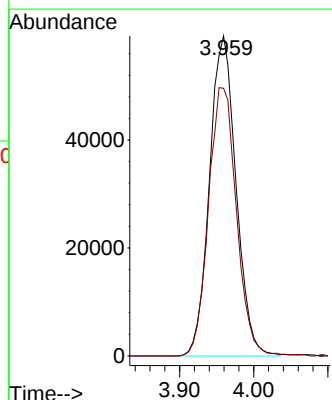
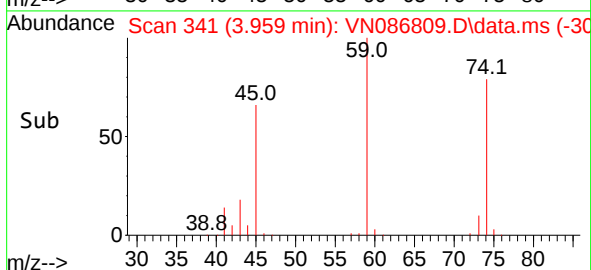
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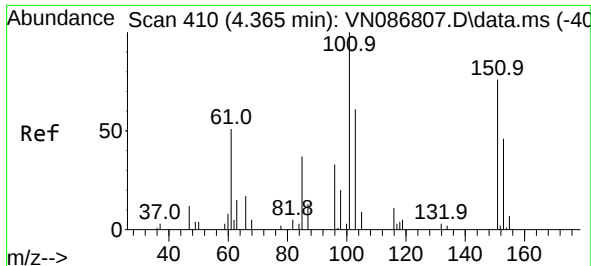


#8
Diethyl Ether
Concen: 97.647 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



Tgt Ion: 74 Resp: 147376
Ion Ratio Lower Upper
74 100
45 87.9 17.9 161.5





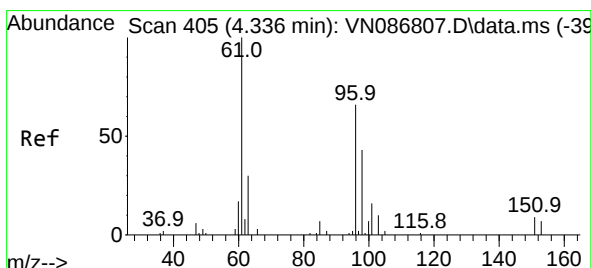
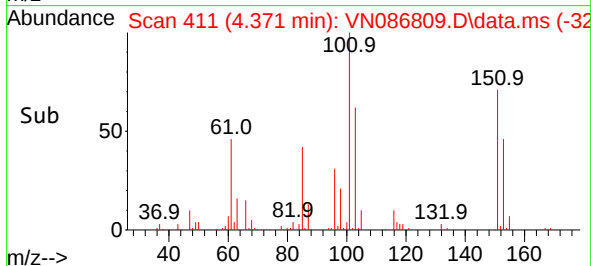
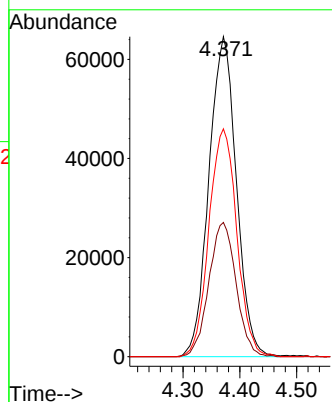
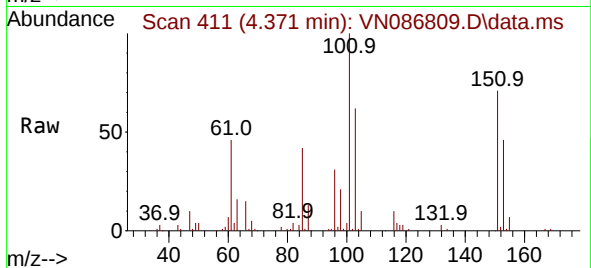
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.861 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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

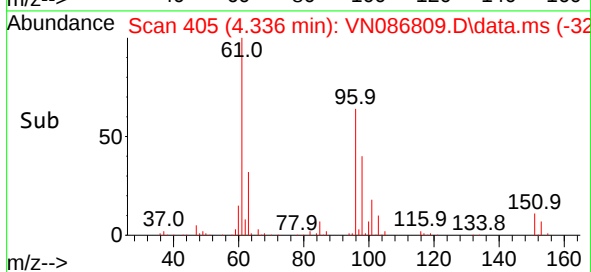
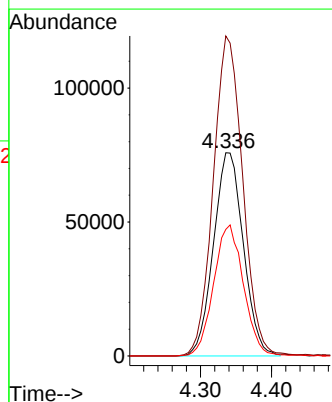
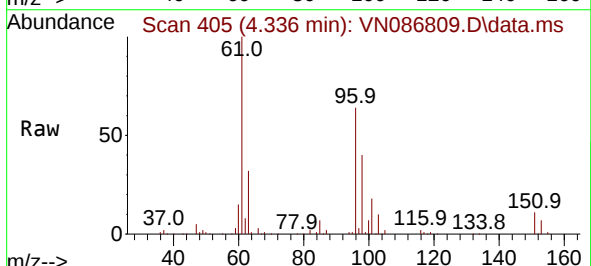
Manual Integrations
APPROVED

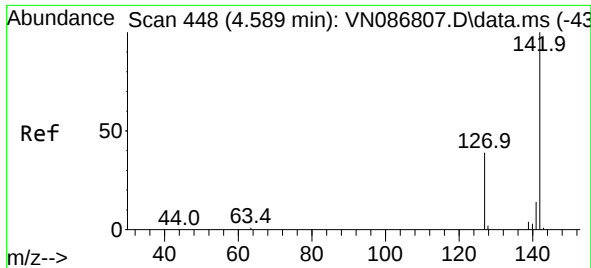
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

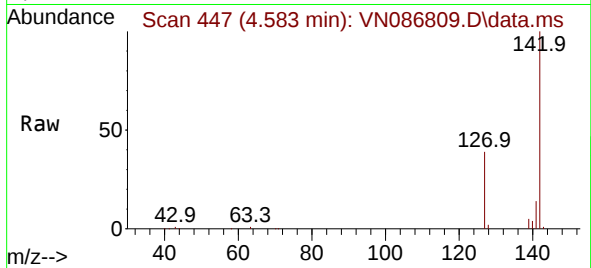
Tgt Ion: 96 Resp: 221389
Ion Ratio Lower Upper
96 100
61 157.2 121.7 182.5
98 62.1 51.9 77.9





#11
Methyl Iodide
Concen: 99.054 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

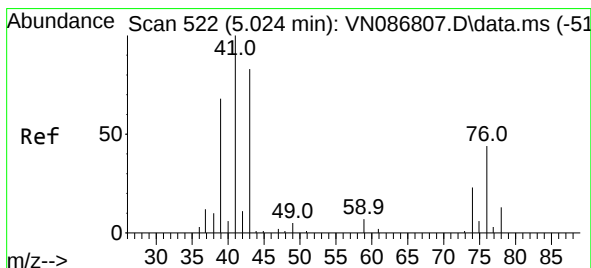
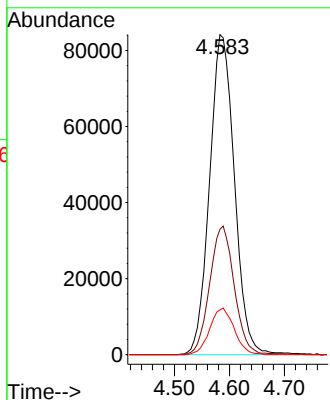
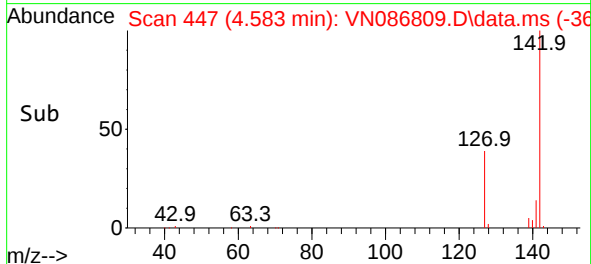
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



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

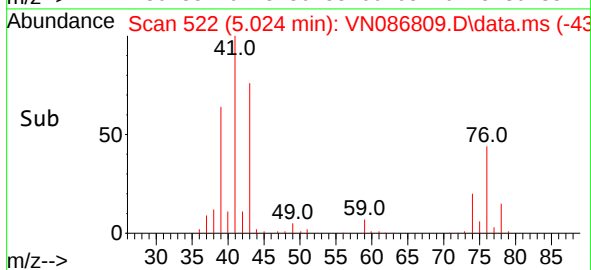
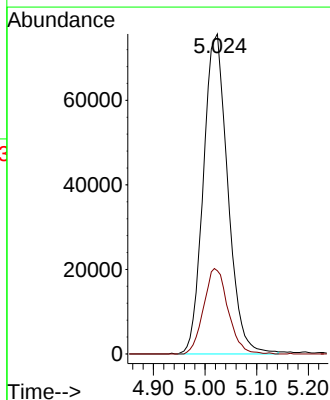
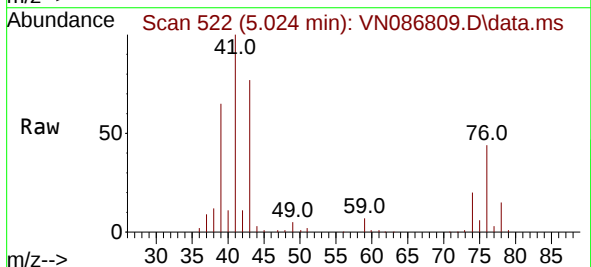
Manual Integrations
APPROVED

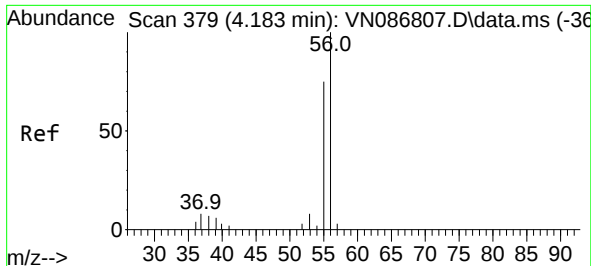
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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# 31

Delta R.T. -0.006 min

Lab File: VN086809.D

Acq: 29 May 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 14022

Ion Ratio Lower Upper

56 100

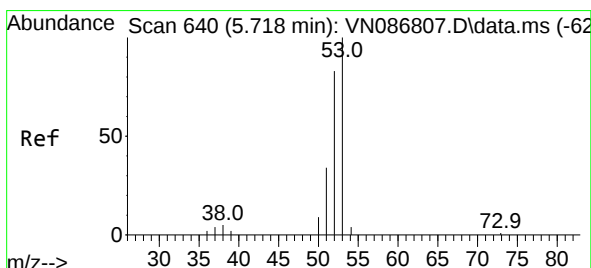
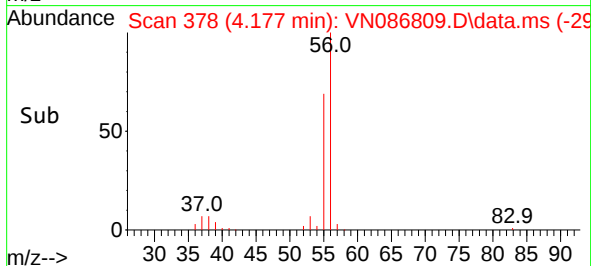
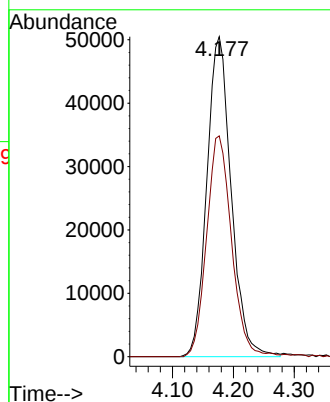
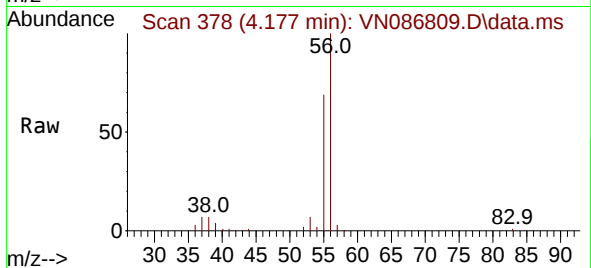
55 70.1 55.9 83.9

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

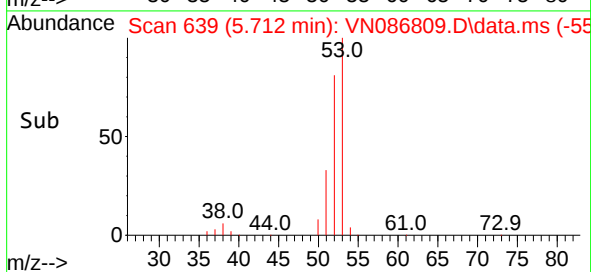
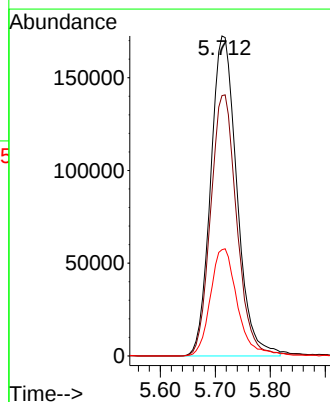
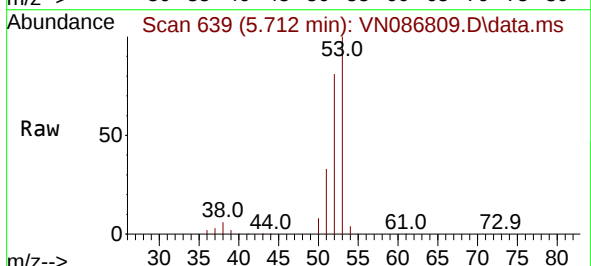
Tgt Ion: 53 Resp: 572418

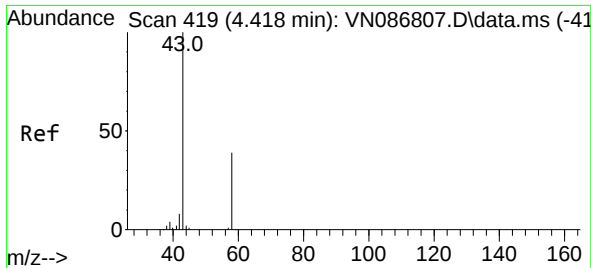
Ion Ratio Lower Upper

53 100

52 80.7 40.0 119.9

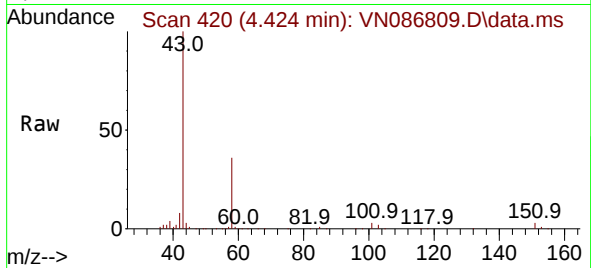
51 34.5 17.5 52.6





#15
Acetone
Concen: 481.129 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

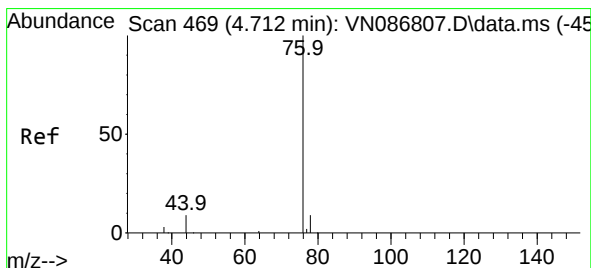
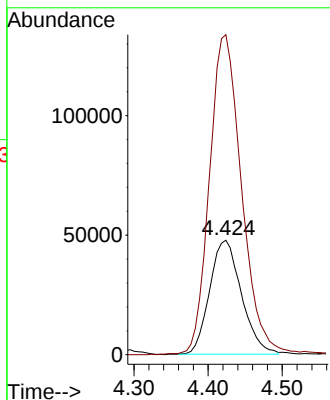
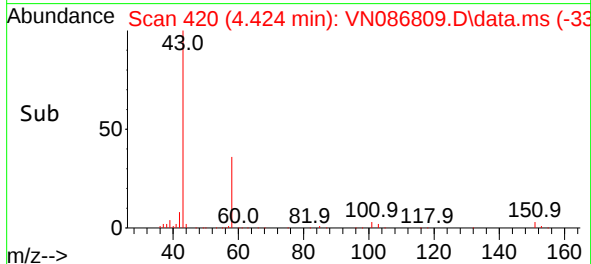
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



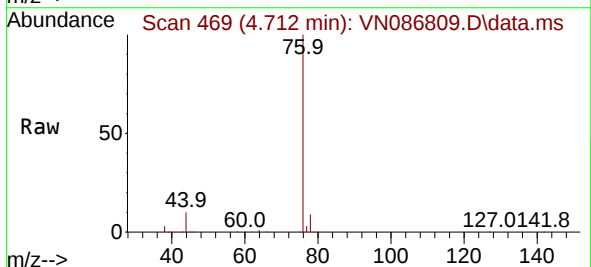
Tgt Ion: 58 Resp: 142325
Ion Ratio Lower Upper
58 100
43 279.9 207.7 311.5

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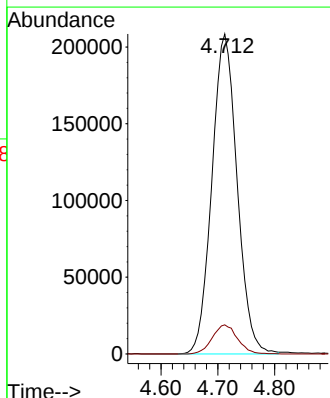
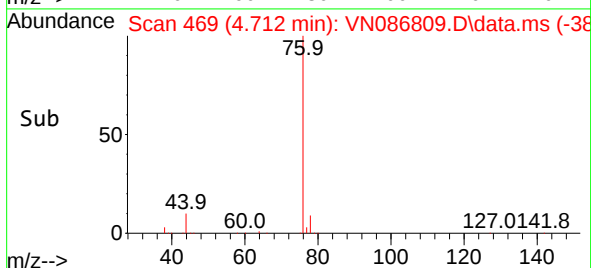
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

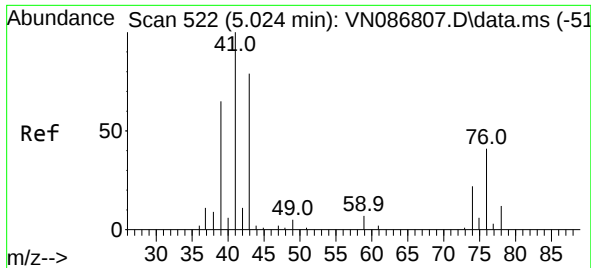


#16
Carbon Disulfide
Concen: 97.508 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



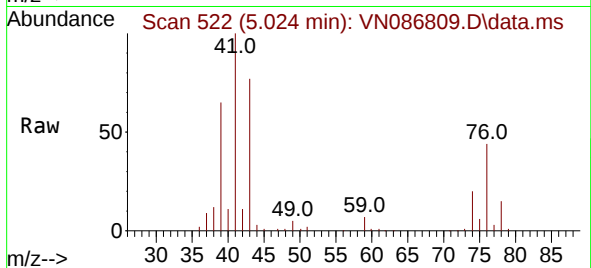
Tgt Ion: 76 Resp: 643462
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#17
 Allyl chloride
 Concen: 97.259 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086809.D
 Acq: 29 May 2025 12:08

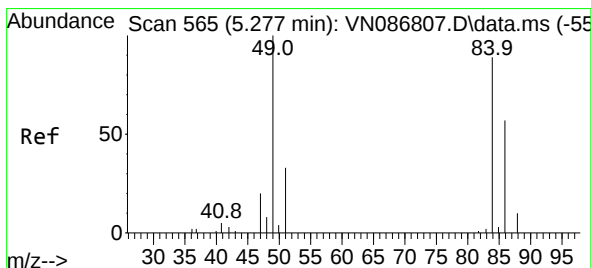
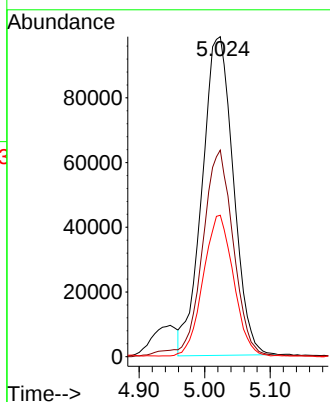
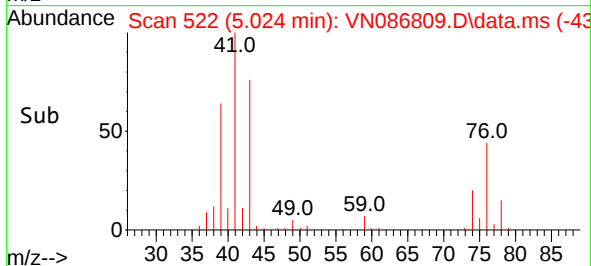
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



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

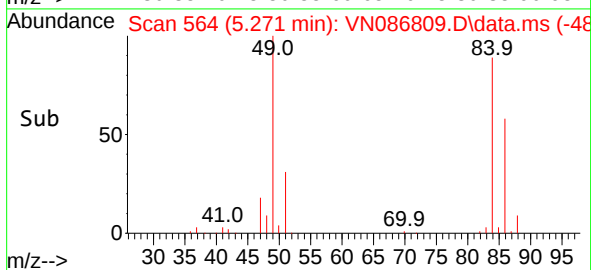
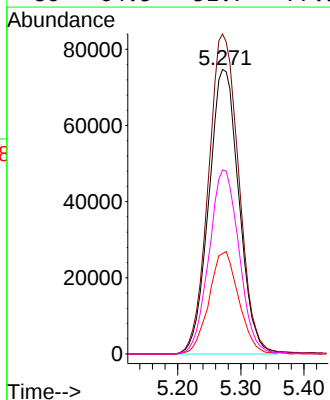
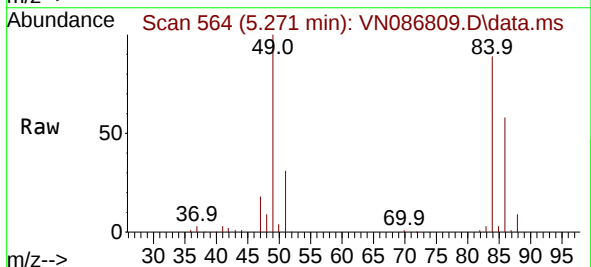
Manual Integrations
 APPROVED

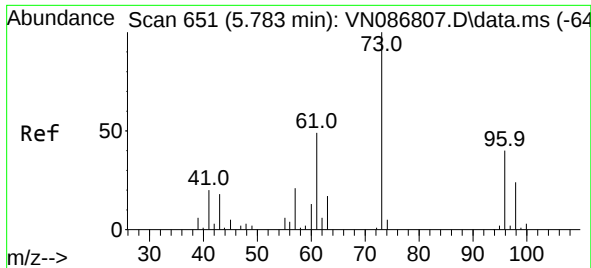
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#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

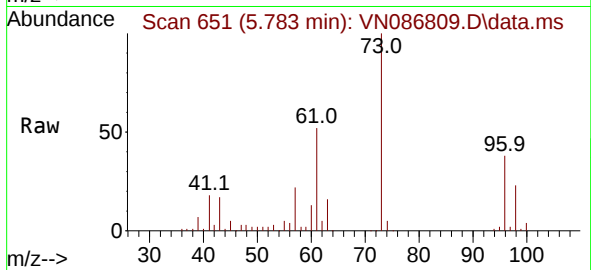
Tgt Ion: 84 Resp: 247370
 Ion Ratio Lower Upper
 84 100
 49 112.2 89.9 134.9
 51 35.3 29.6 44.4
 86 64.5 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 98.058 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

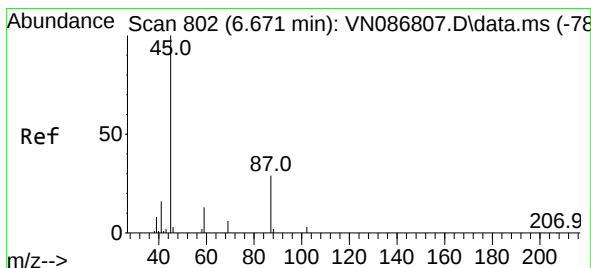
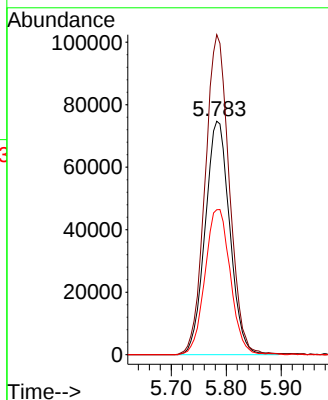
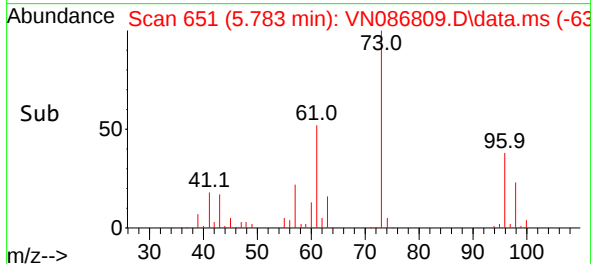
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



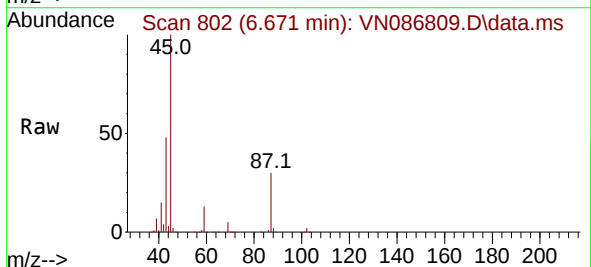
Tgt Ion: 96 Resp: 231986
Ion Ratio Lower Upper
96 100
61 136.9 98.9 148.3
98 62.1 49.0 73.4

Manual Integrations
APPROVED

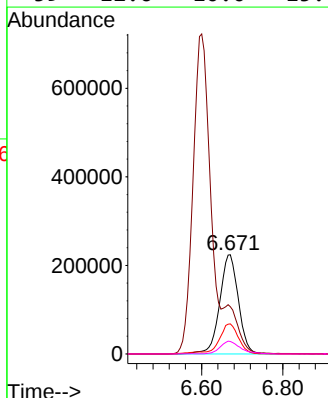
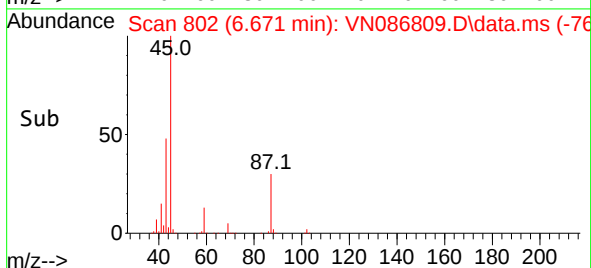
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

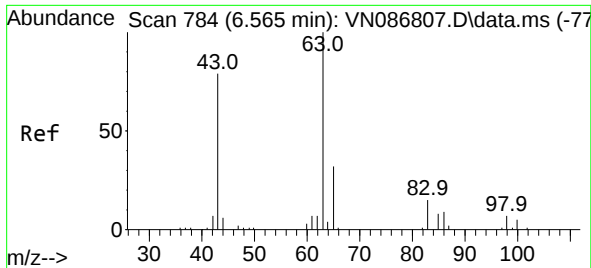


#20
Diisopropyl ether
Concen: 96.835 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



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





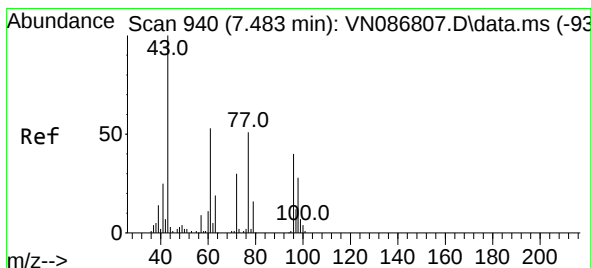
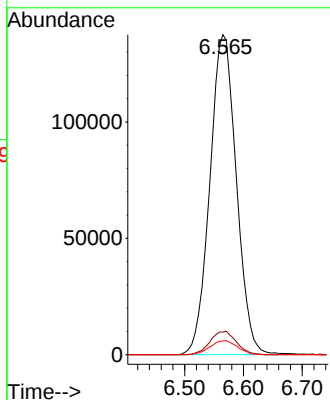
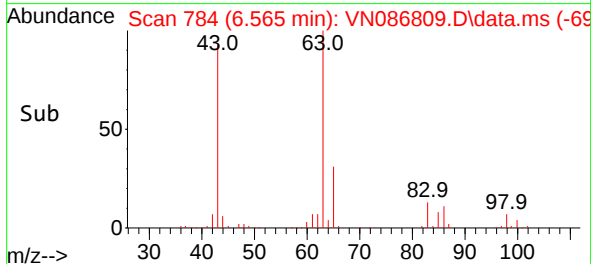
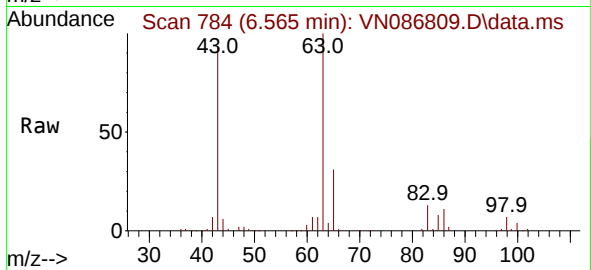
#21
1,1-Dichloroethane
Concen: 96.501 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 430769
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 4.2 2.3 6.8

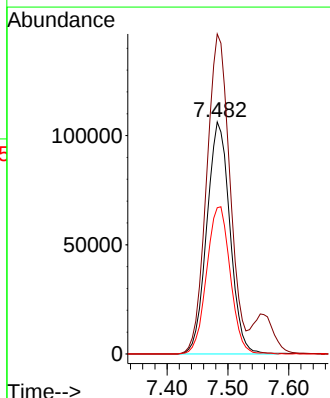
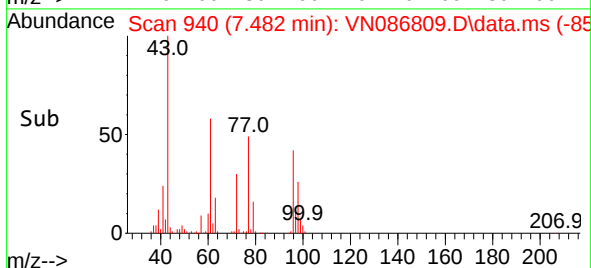
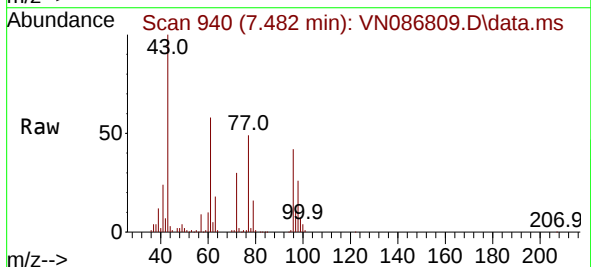
Manual Integrations
APPROVED

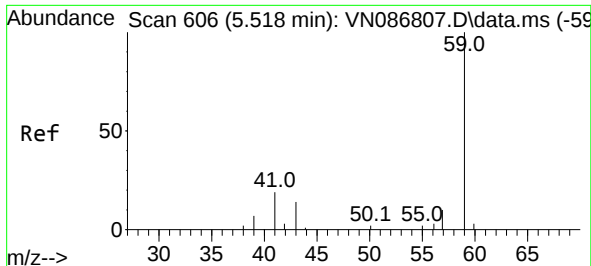
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





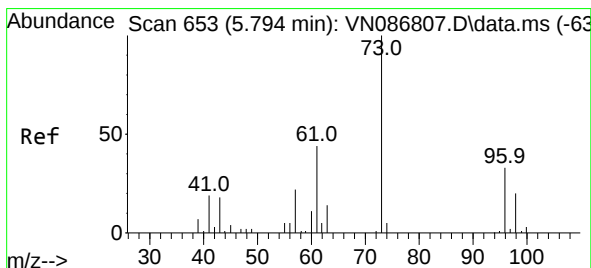
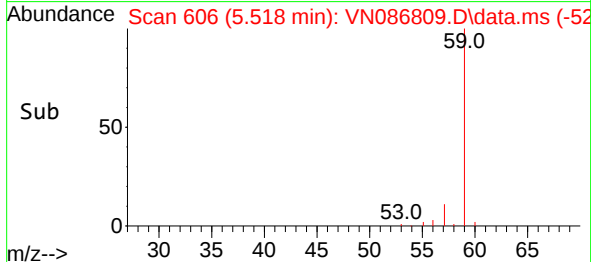
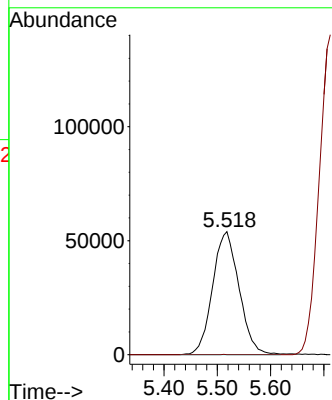
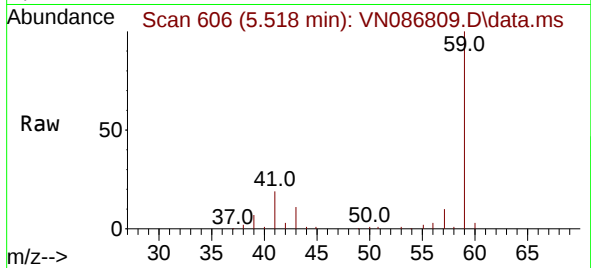
#23
tert-Butyl Alcohol
Concen: 495.389 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 185862
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

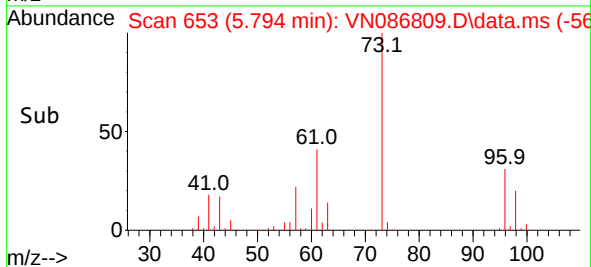
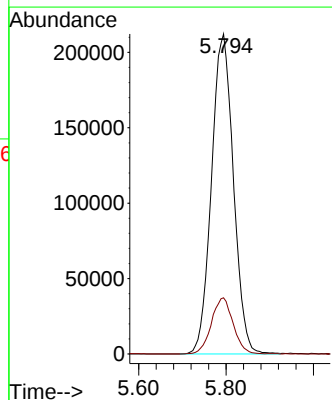
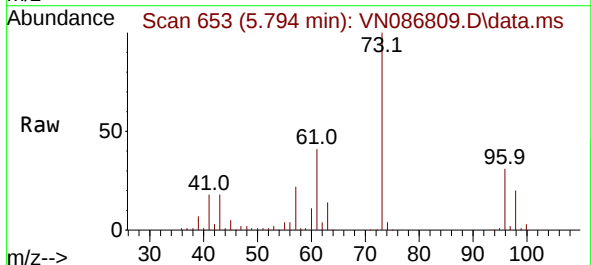
Manual Integrations
APPROVED

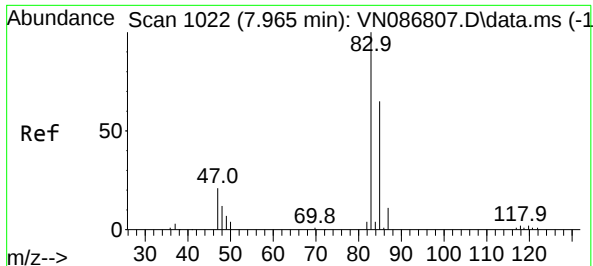
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





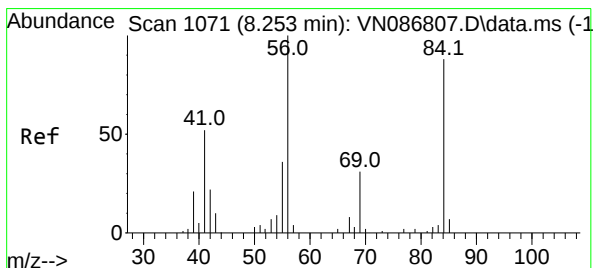
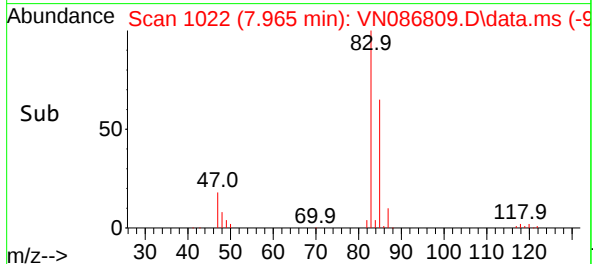
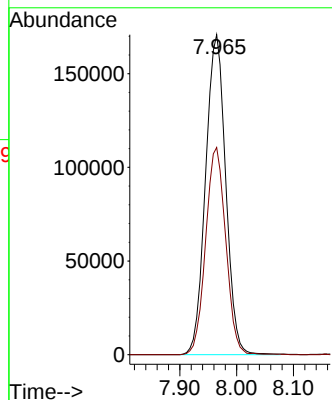
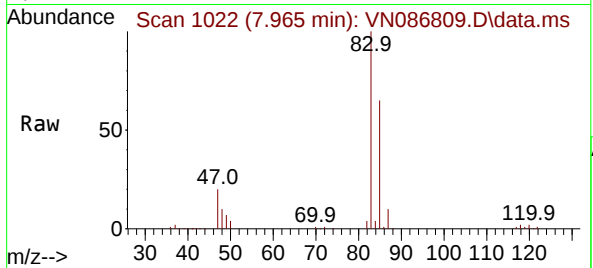
#25
Chloroform
Concen: 96.011 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 41948
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8

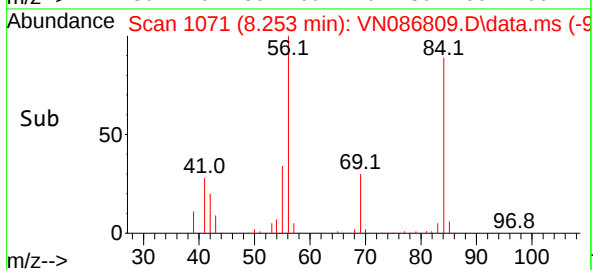
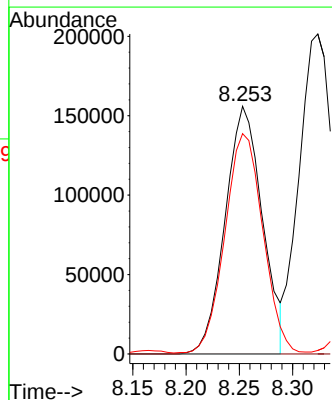
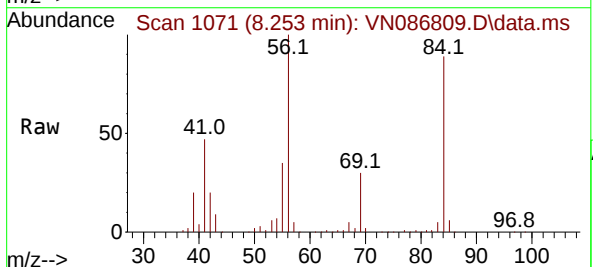
Manual Integrations
APPROVED

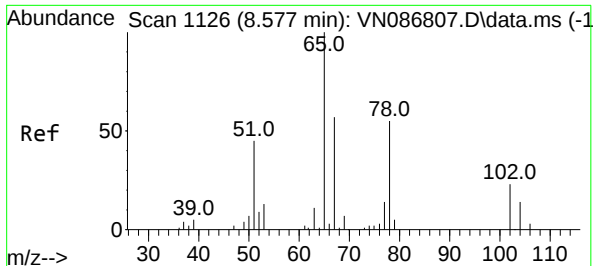
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





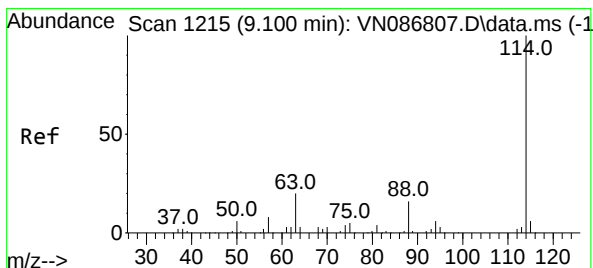
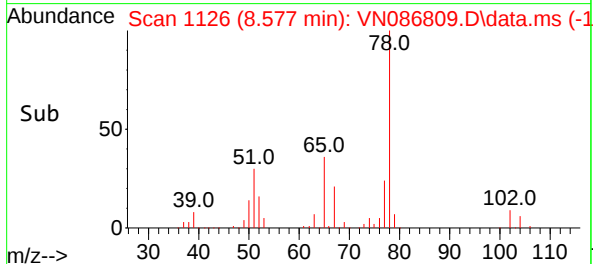
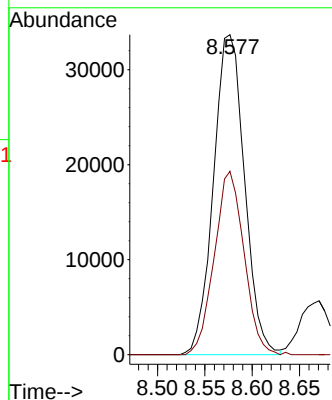
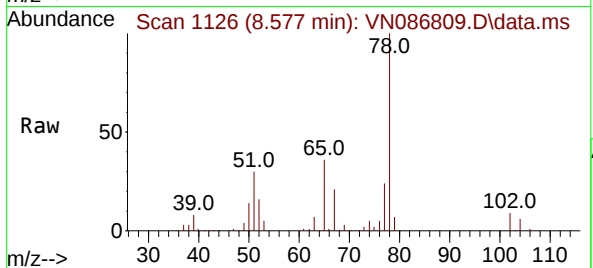
#27
1,2-Dichloroethane-d4
Concen: 29.212 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 76939
Ion Ratio Lower Upper
65 100
67 54.6 44.6 67.0

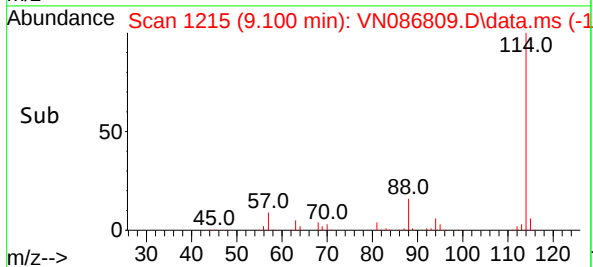
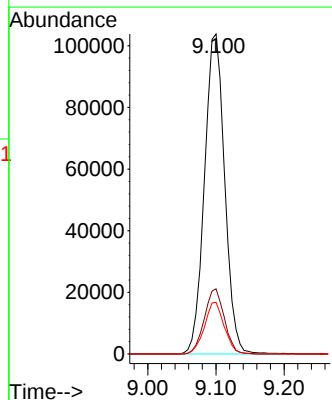
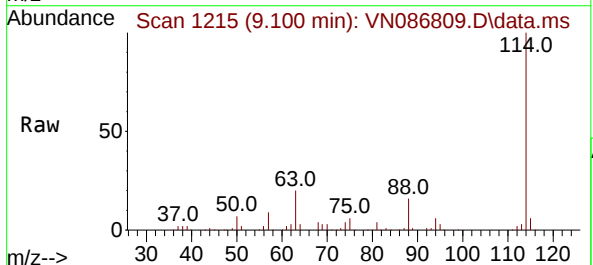
Manual Integrations
APPROVED

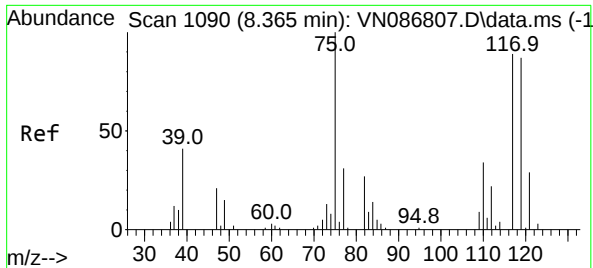
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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# 1090

Delta R.T. 0.006 min

Lab File: VN086809.D

Acq: 29 May 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 31567

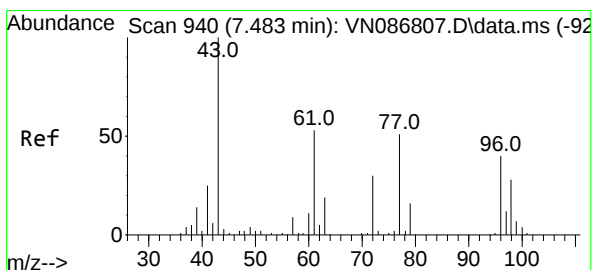
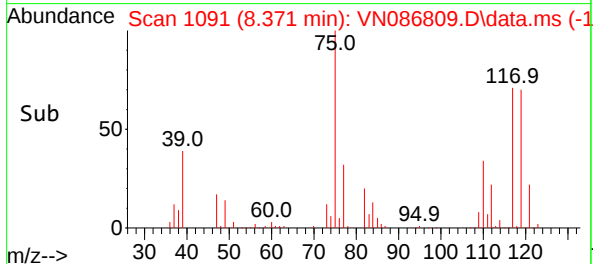
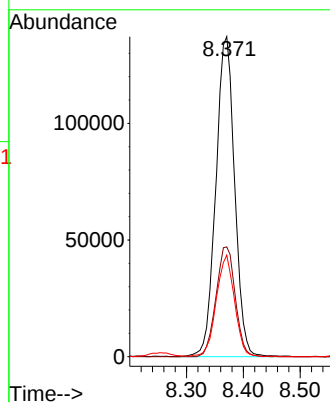
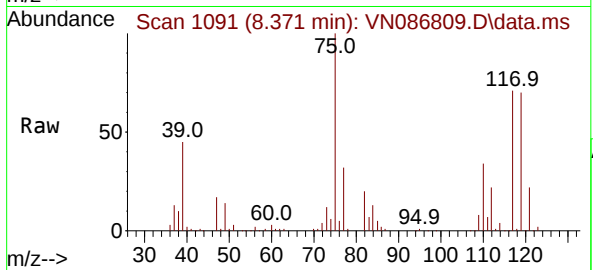
Ion	Ratio	Lower	Upper
75	100		
110	35.1	0.0	71.0
77	30.8	0.0	62.4

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

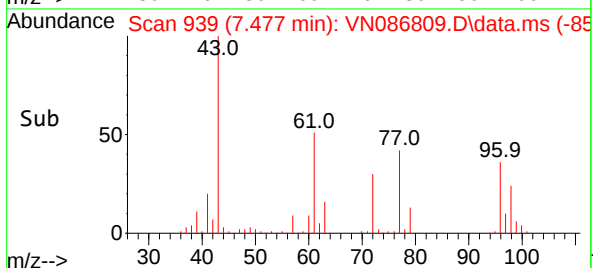
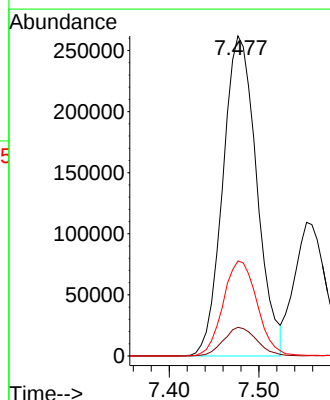
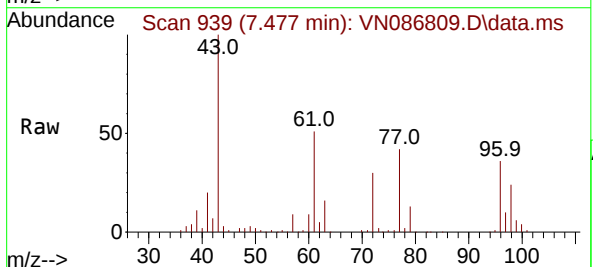
Delta R.T. -0.006 min

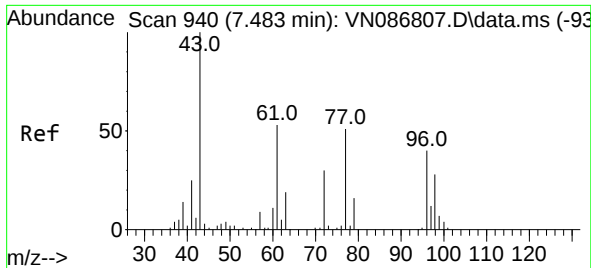
Lab File: VN086809.D

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





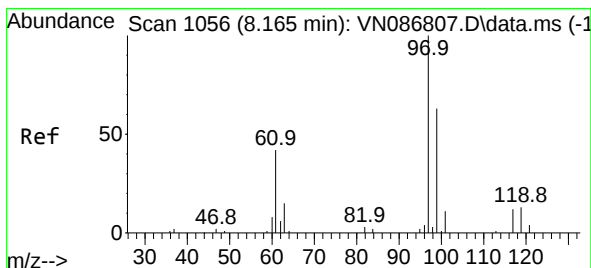
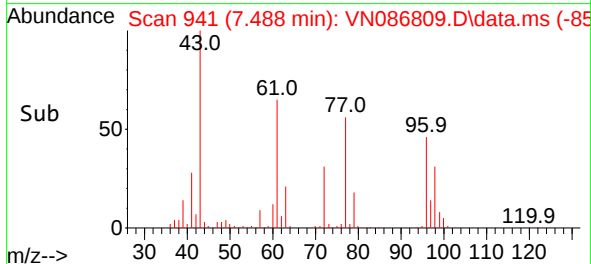
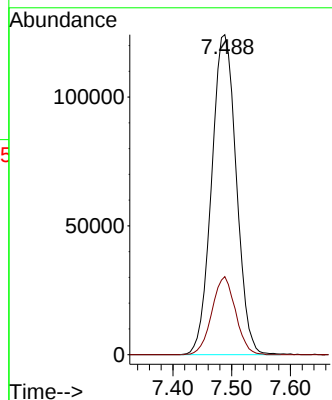
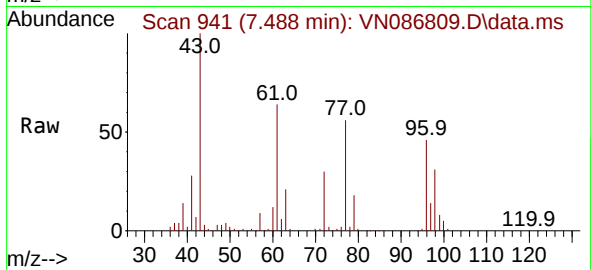
#31
2,2-Dichloropropane
Concen: 97.506 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 362650
Ion Ratio Lower Upper
77 100
97 23.3 18.6 27.8

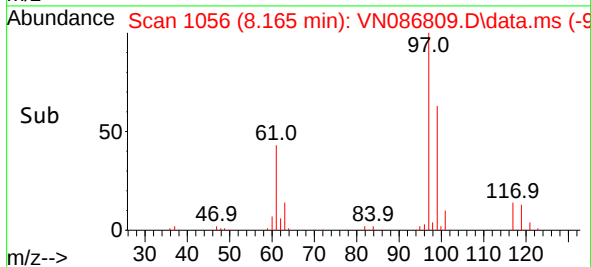
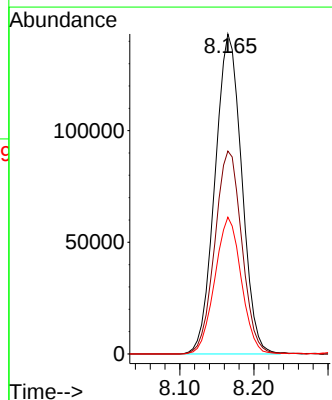
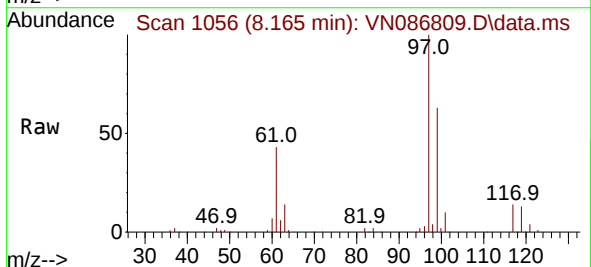
Manual Integrations
APPROVED

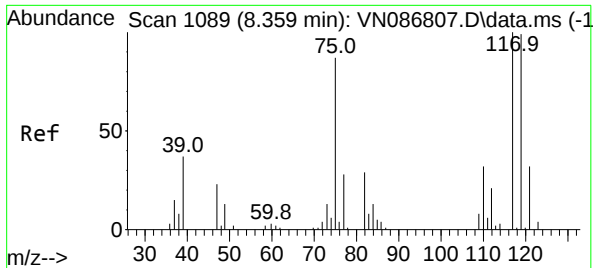
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

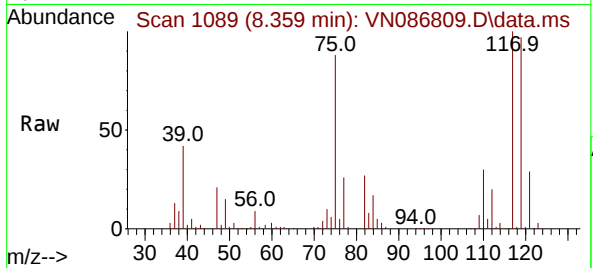
Tgt Ion: 97 Resp: 359069
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 42.4 35.4 53.2





#33
Carbon Tetrachloride
Concen: 99.209 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

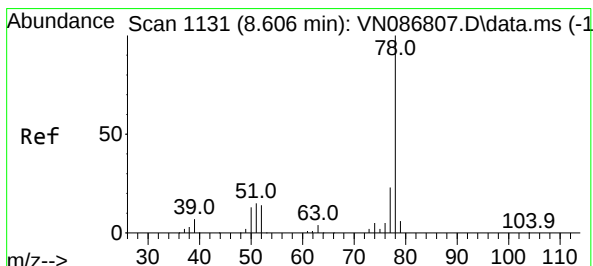
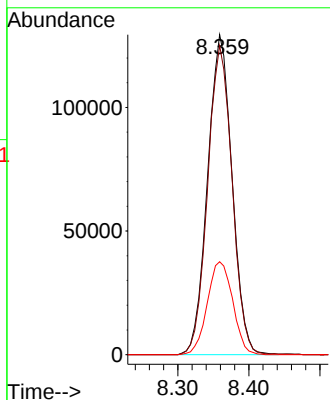
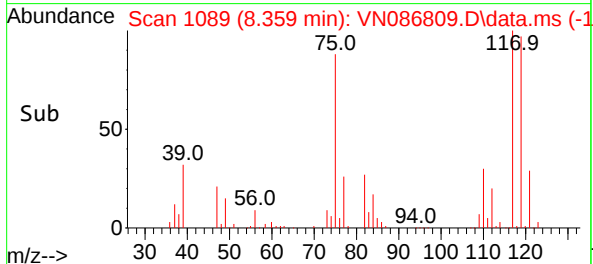
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



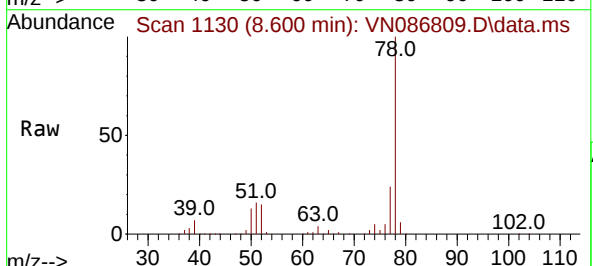
Tgt Ion: 117 Resp: 309754
Ion Ratio Lower Upper
117 100
119 96.6 79.2 118.8
121 29.0 25.6 38.4

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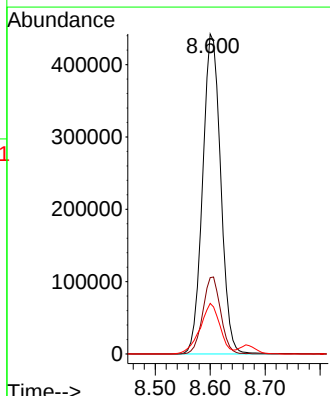
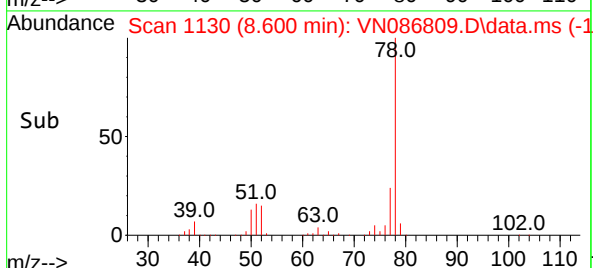
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

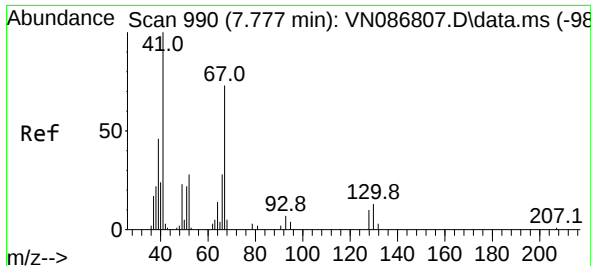


#34
Benzene
Concen: 98.353 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



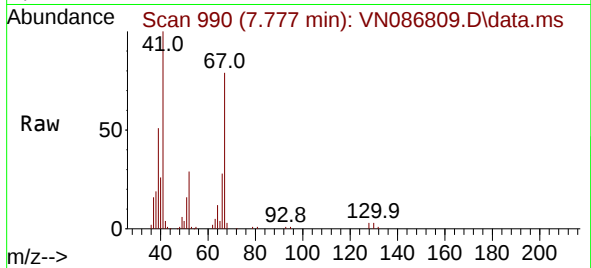
Tgt Ion: 78 Resp: 1008328
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2
51 15.8 11.9 17.9





#35
Methacrylonitrile
Concen: 98.254 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

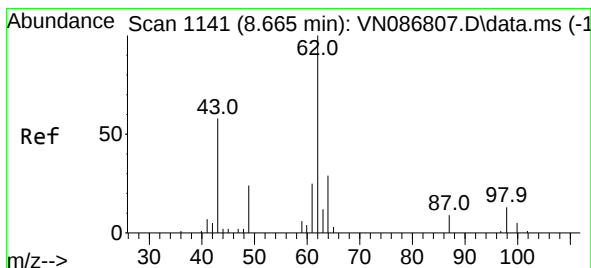
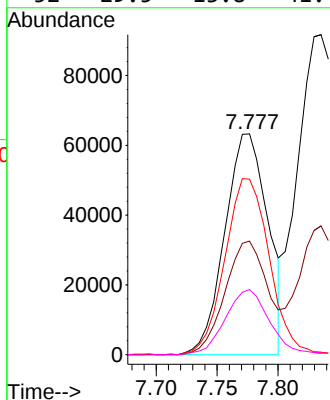
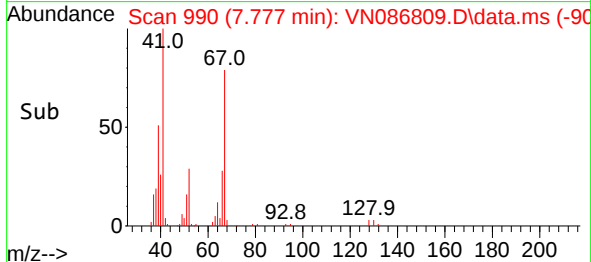
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



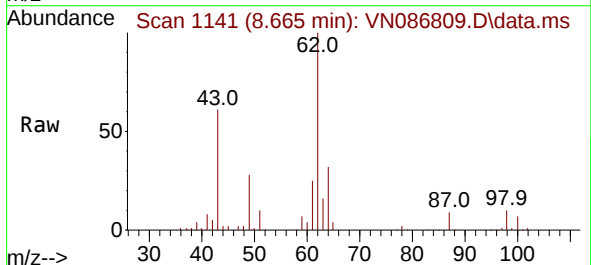
Tgt Ion: 41 Resp: 155819
Ion Ratio Lower Upper
41 100
39 51.4 23.2 69.6
67 79.5 36.5 109.7
52 29.5 13.8 41.4

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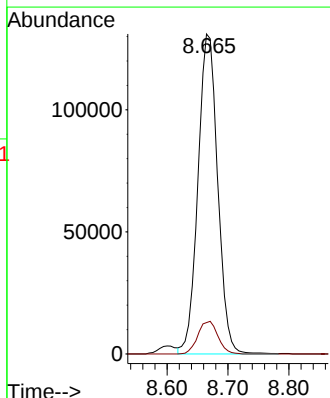
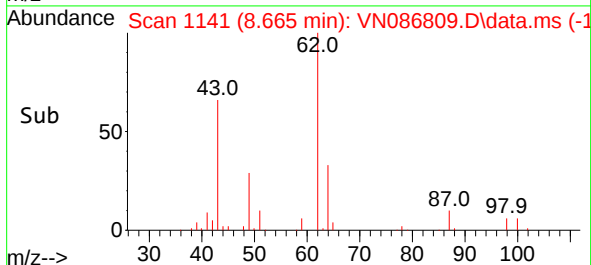
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

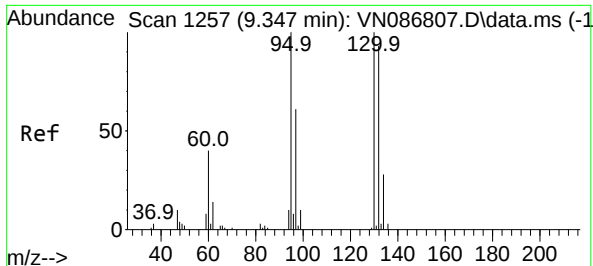


#36
1,2-Dichloroethane
Concen: 98.153 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



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# 11

Delta R.T. -0.000 min

Lab File: VN086809.D

Acq: 29 May 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 27482

Ion Ratio Lower Upper

130 100

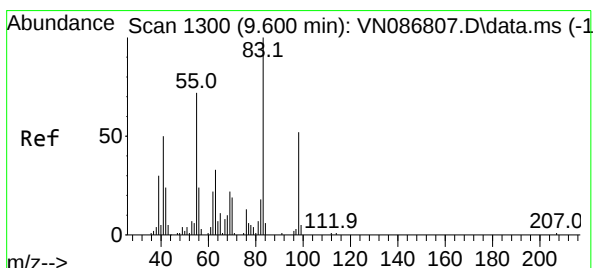
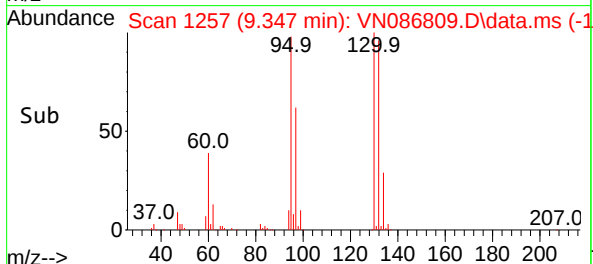
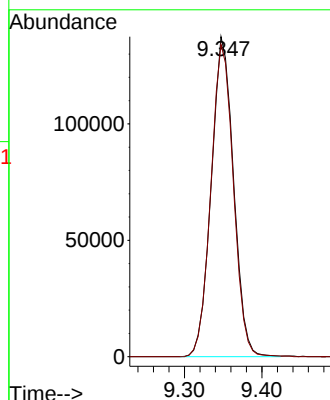
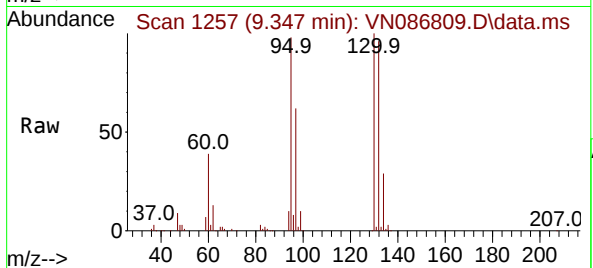
95 97.5 80.3 120.5

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

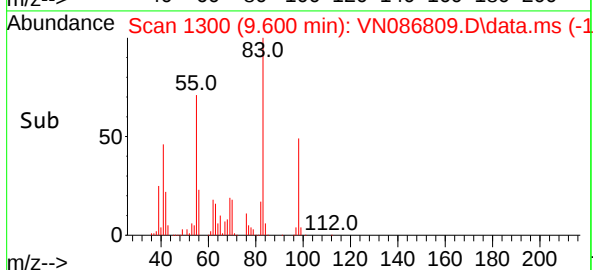
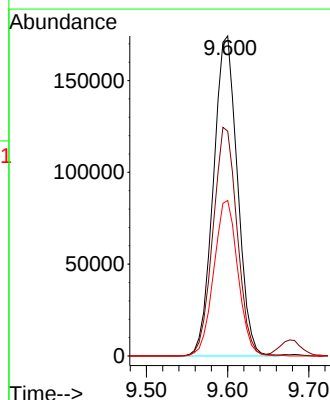
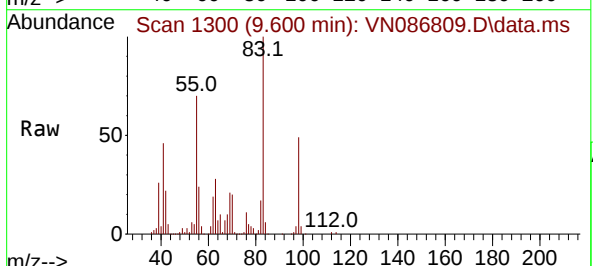
Tgt Ion: 83 Resp: 359086

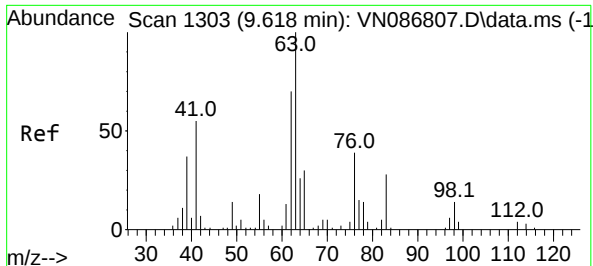
Ion Ratio Lower Upper

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# 1303

Delta R.T. -0.000 min

Lab File: VN086809.D

Acq: 29 May 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 243528

Ion Ratio Lower Upper

63 100

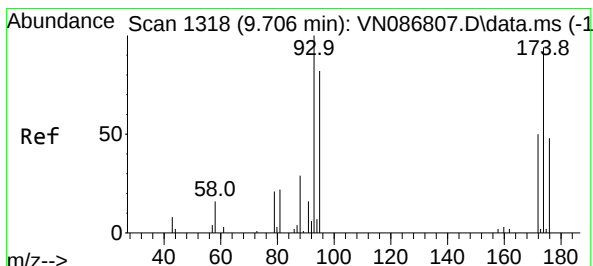
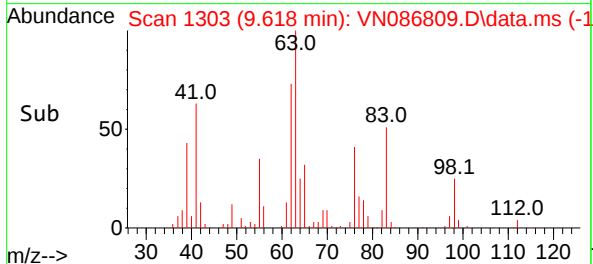
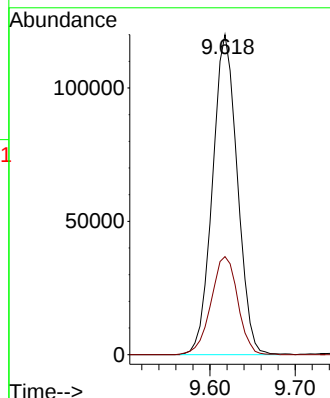
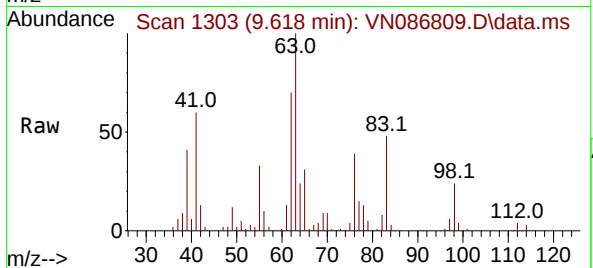
65 30.7 24.2 36.4

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

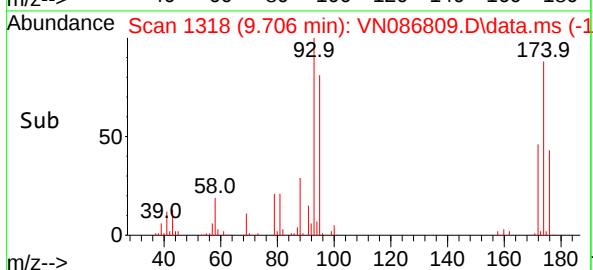
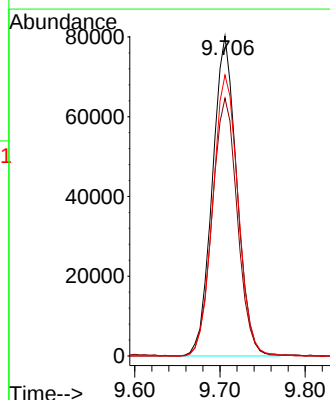
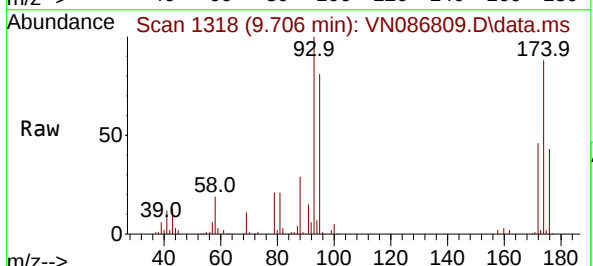
Tgt Ion: 93 Resp: 159966

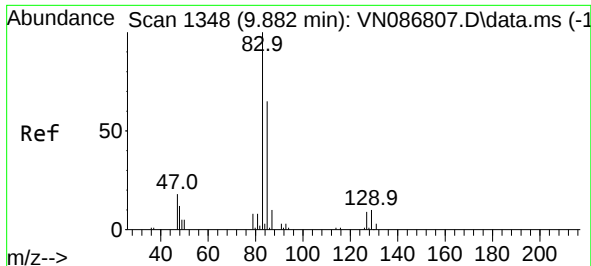
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.4

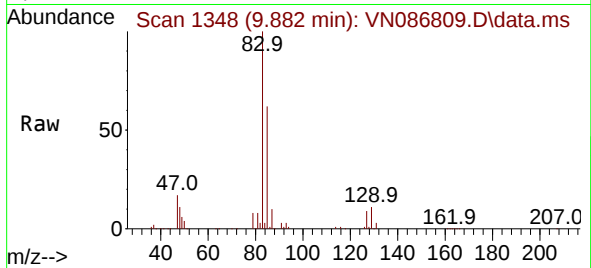
174 90.9 0.0 181.8





#41
Bromodichloromethane
Concen: 98.381 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

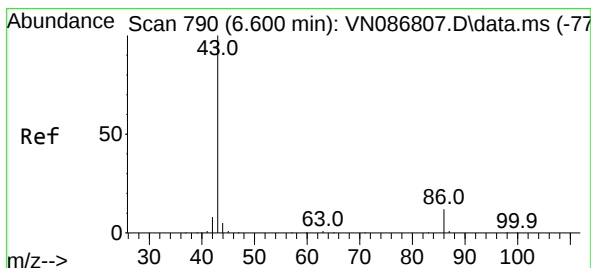
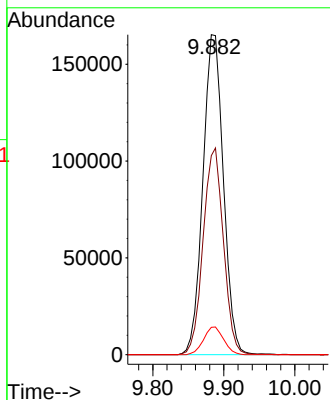
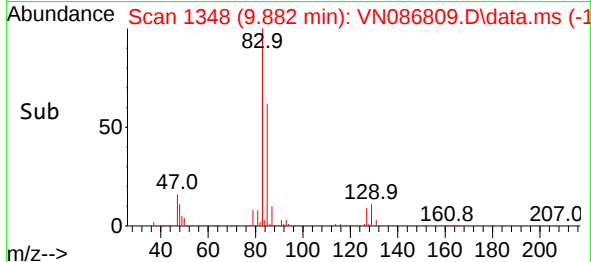
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



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

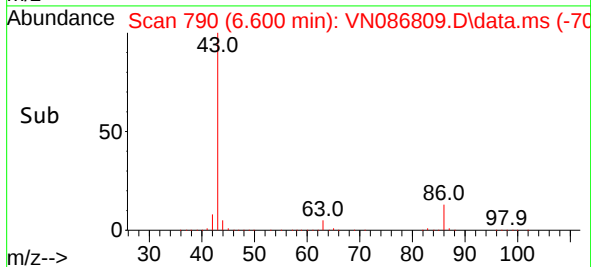
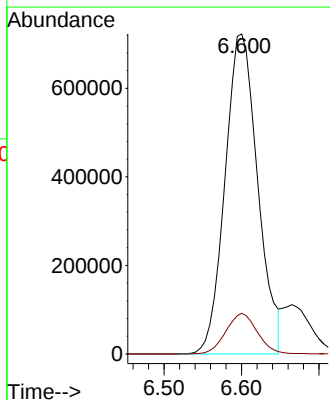
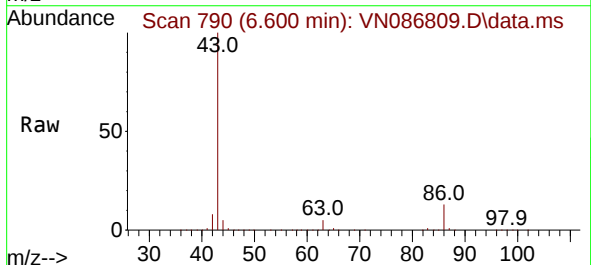
Manual Integrations
APPROVED

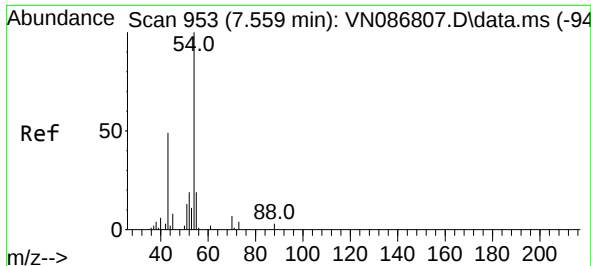
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

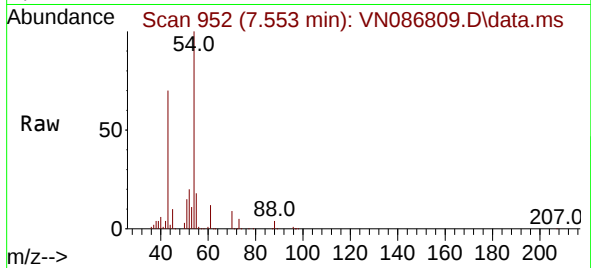
Tgt Ion: 43 Resp: 2122994
Ion Ratio Lower Upper
43 100
86 12.2 9.5 14.3





#43
Ethyl Acetate
Concen: 96.504 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

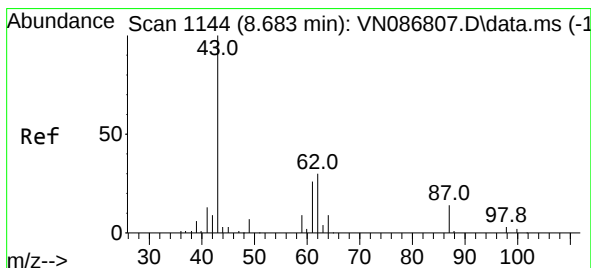
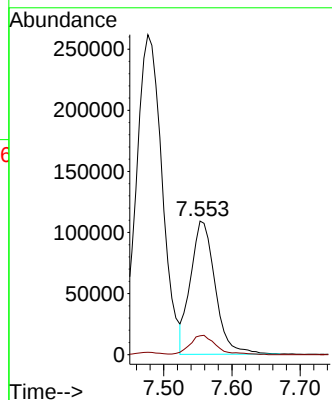
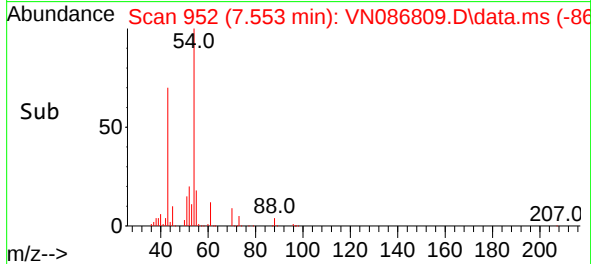
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 27262
Ion Ratio Lower Upper
43 100
45 15.5 11.1 16.7

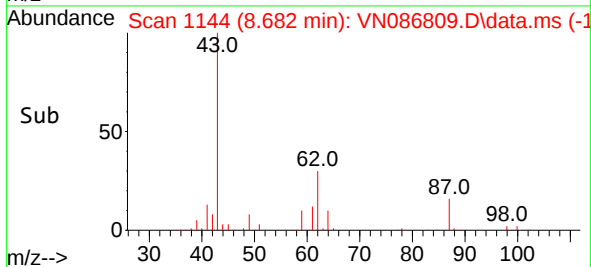
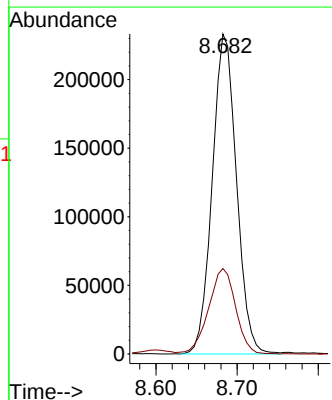
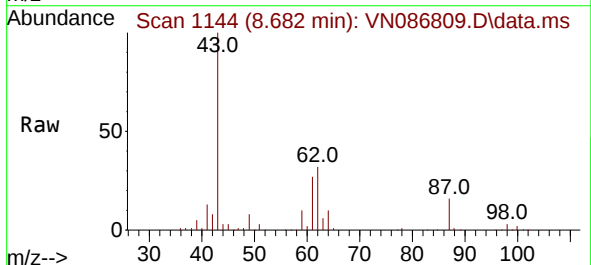
Manual Integrations
APPROVED

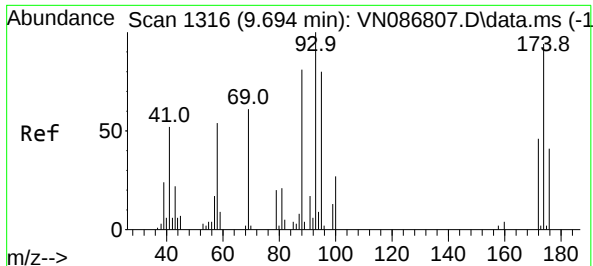
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

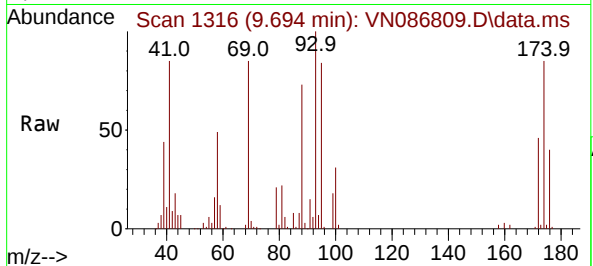
Tgt Ion: 43 Resp: 483974
Ion Ratio Lower Upper
43 100
61 29.8 23.8 35.6





#45
1,4-Dioxane
Concen: 1982.473 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

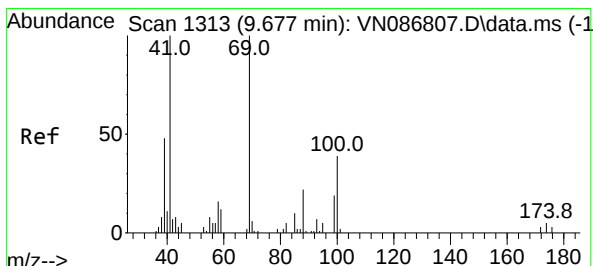
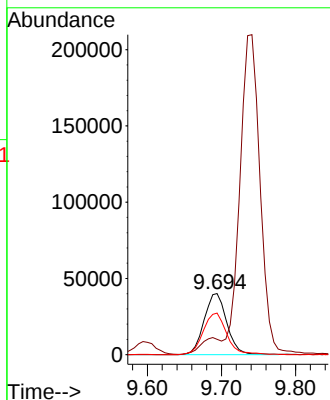
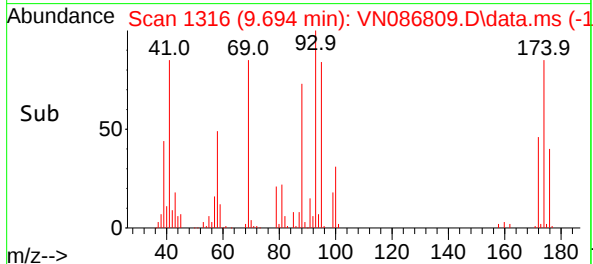
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



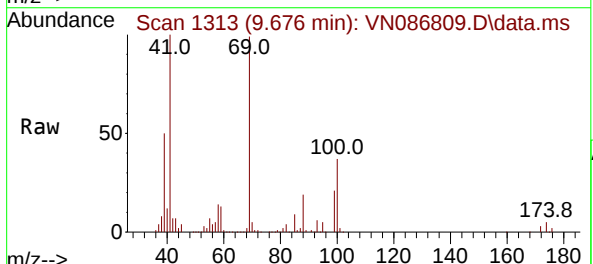
Tgt Ion: 88 Resp: 85390
Ion Ratio Lower Upper
88 100
43 24.2 23.0 34.6
58 70.7 57.6 86.4

Manual Integrations
APPROVED

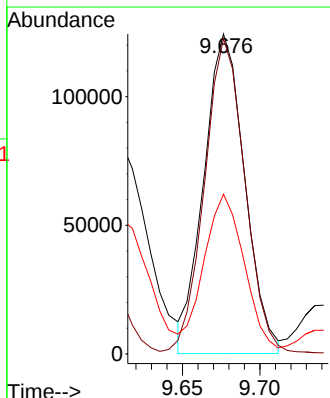
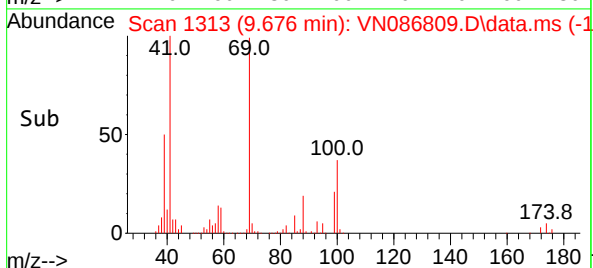
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

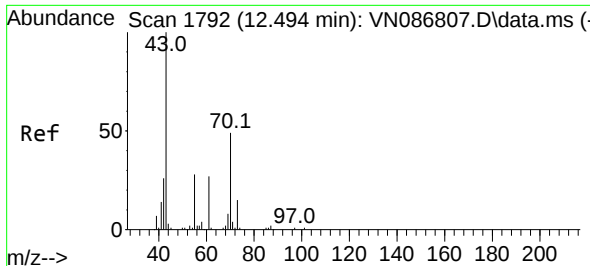


#46
Methyl methacrylate
Concen: 101.704 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



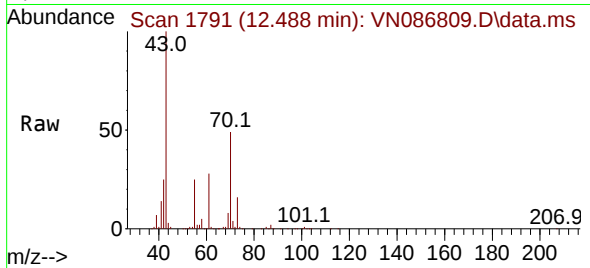
Tgt Ion: 41 Resp: 227258
Ion Ratio Lower Upper
41 100
69 100.0 48.0 144.2
39 50.1 23.8 71.2





#47
n-amy1 Acetate
Concen: 103.366 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

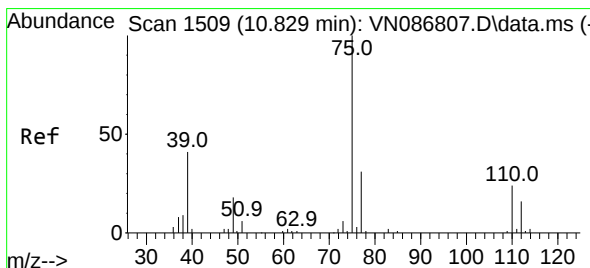
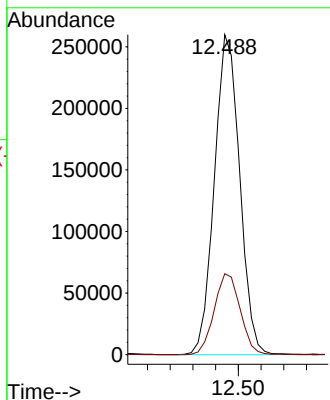
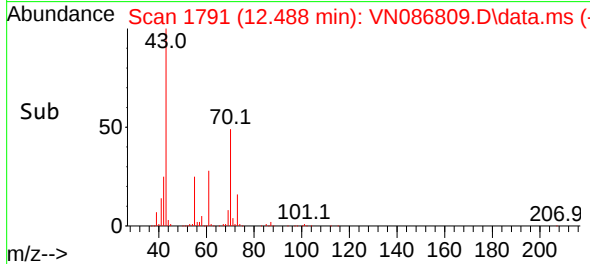
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 402140
Ion Ratio Lower Upper
43 100
55 26.0 21.7 32.5

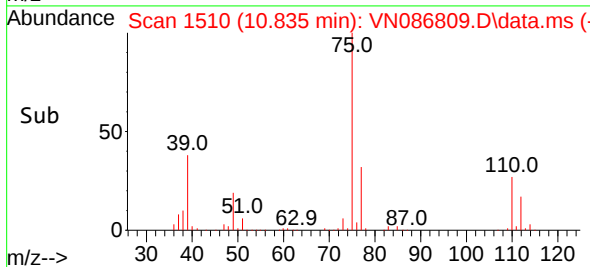
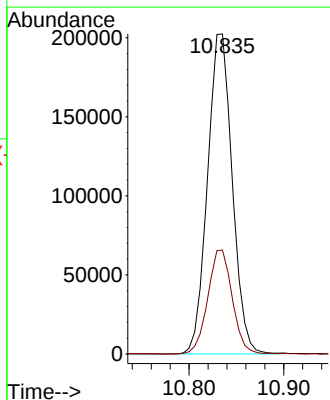
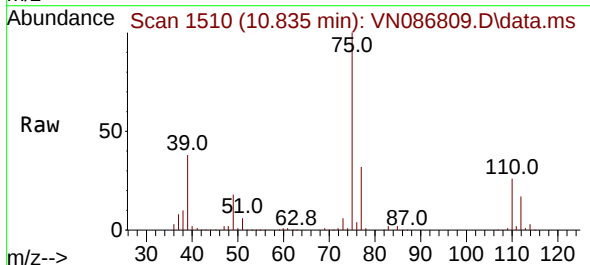
Manual Integrations
APPROVED

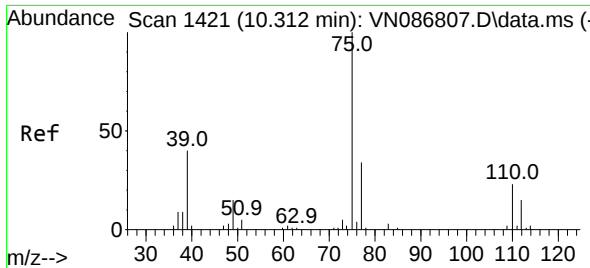
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

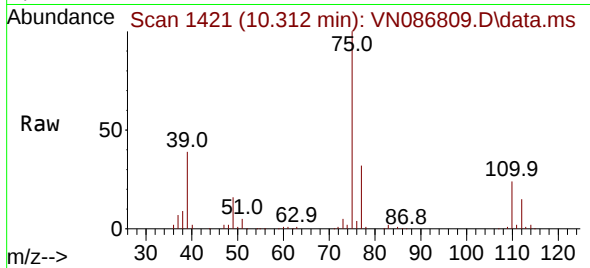
Tgt Ion: 75 Resp: 367895
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 100.110 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086809.D
 Acq: 29 May 2025 12:08

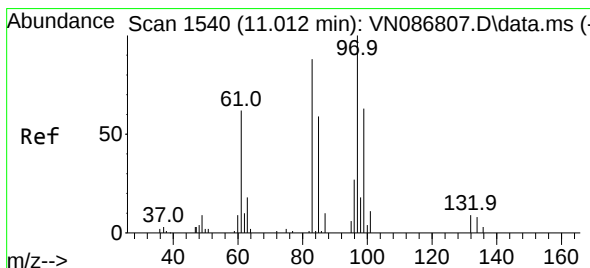
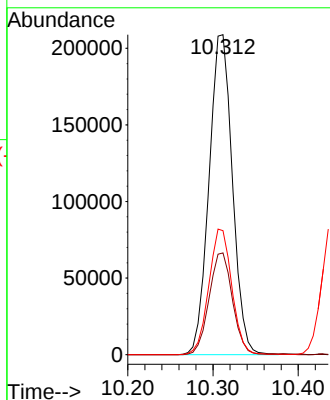
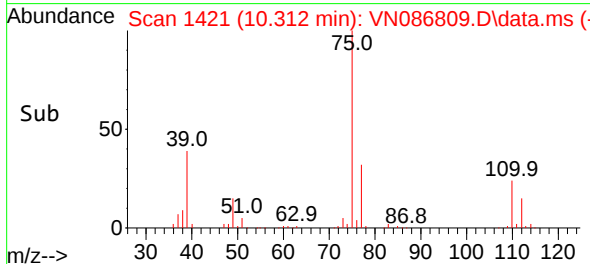
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



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

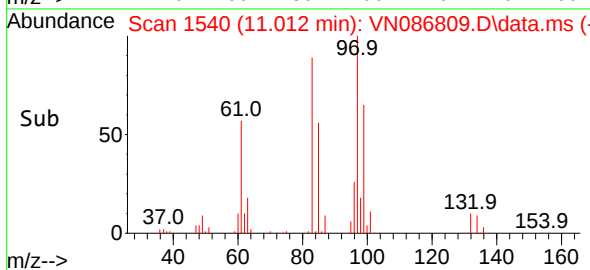
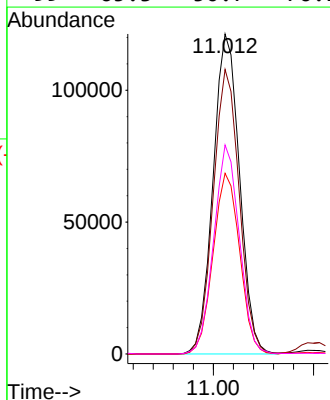
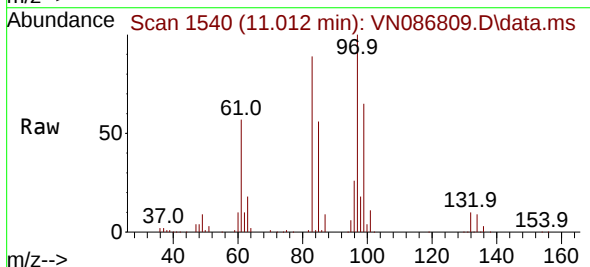
Manual Integrations
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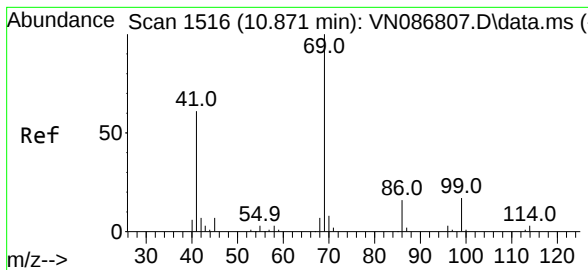
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 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

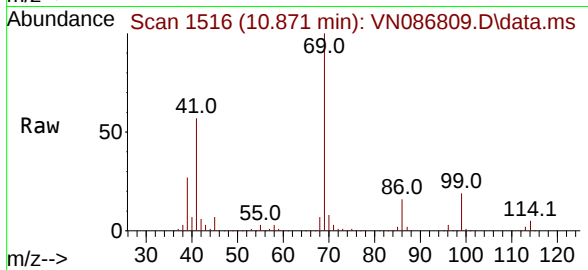
Tgt Ion: 97 Resp: 222150
 Ion Ratio Lower Upper
 97 100
 83 88.9 70.6 105.8
 85 56.4 46.8 70.2
 99 65.3 50.7 76.1





#51
Ethyl methacrylate
Concen: 103.617 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

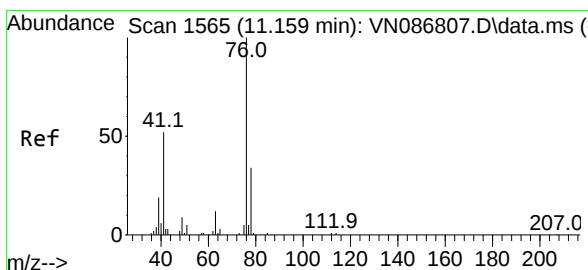
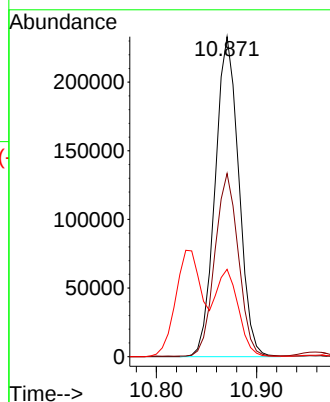
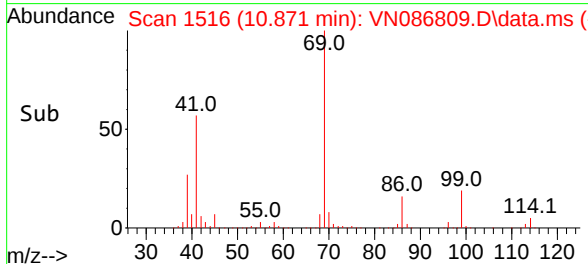
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



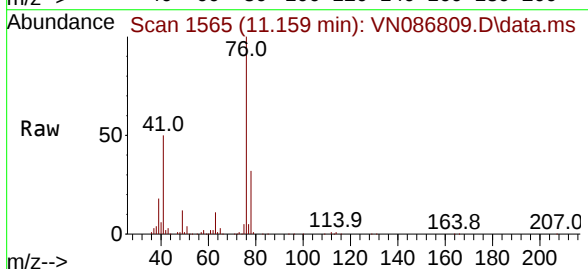
Tgt Ion: 69 Resp: 381540
Ion Ratio Lower Upper
69 100
41 57.1 30.5 91.5
39 27.1 14.3 42.9

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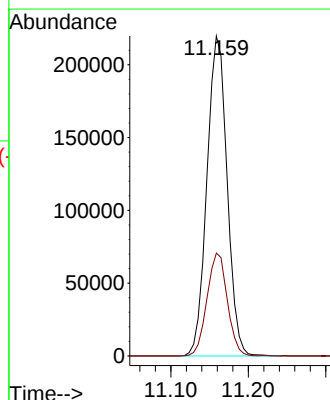
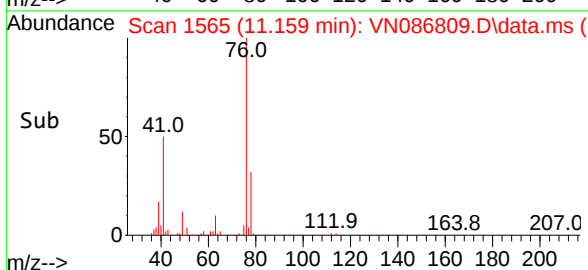
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

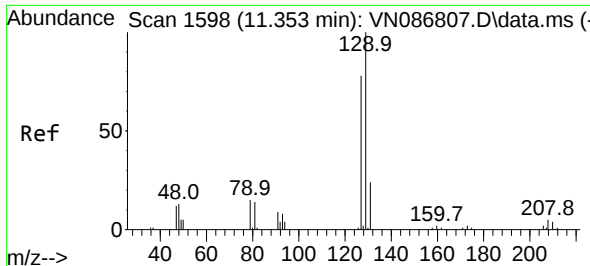


#52
1,3-Dichloropropane
Concen: 98.473 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



Tgt Ion: 76 Resp: 397338
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





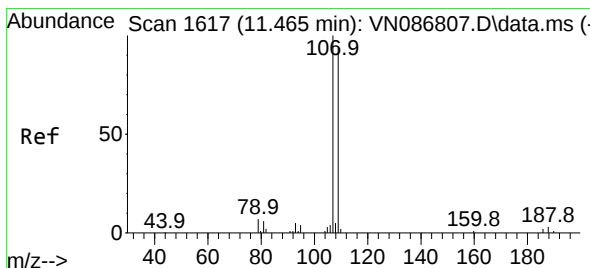
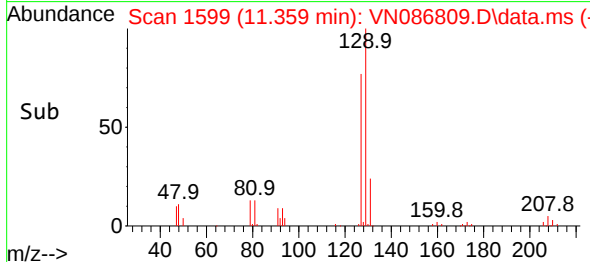
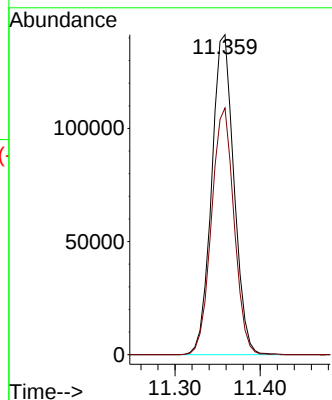
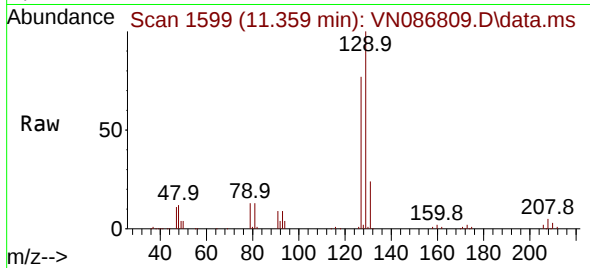
#53
Dibromochloromethane
Concen: 100.288 ug/l
RT: 11.359 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 25767
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

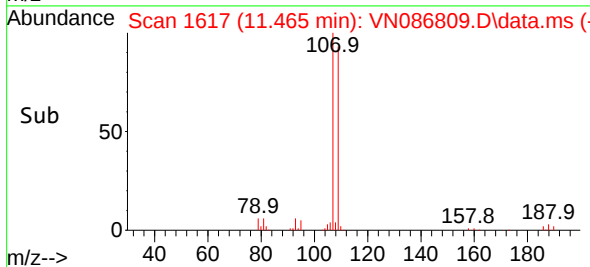
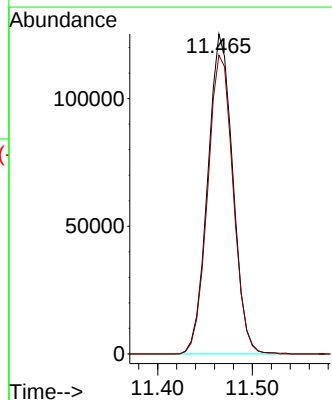
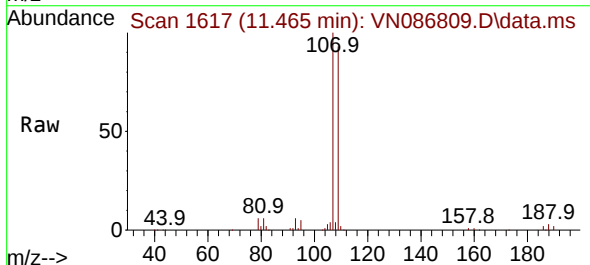
Manual Integrations
APPROVED

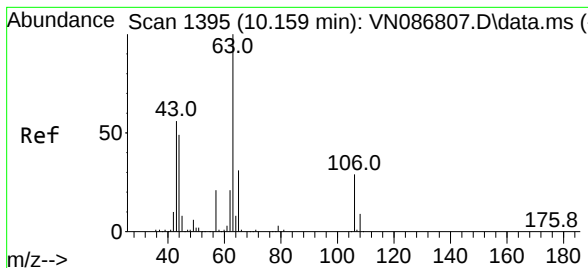
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

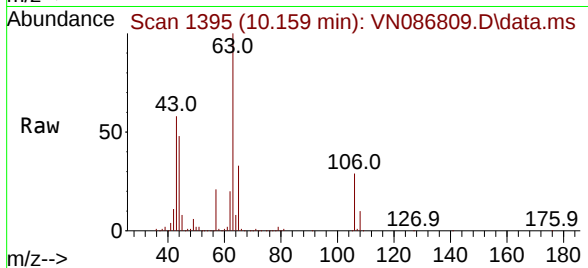
Tgt Ion:107 Resp: 230134
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 527.263 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

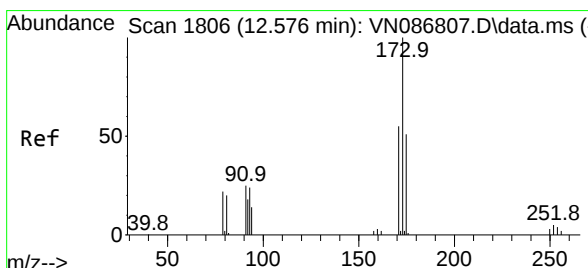
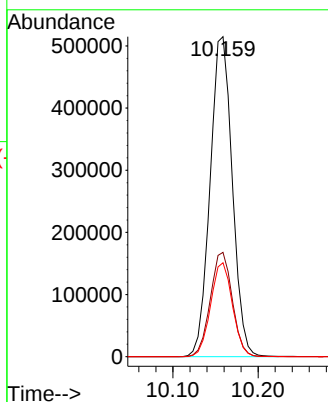
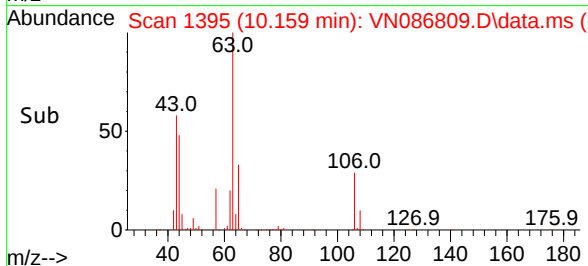
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



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

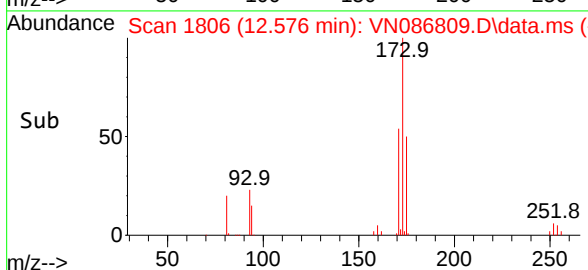
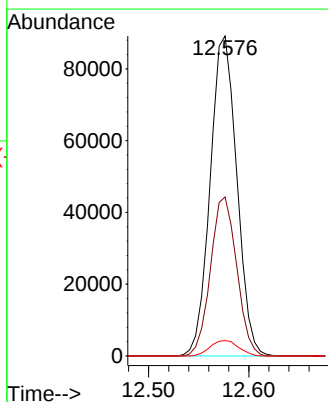
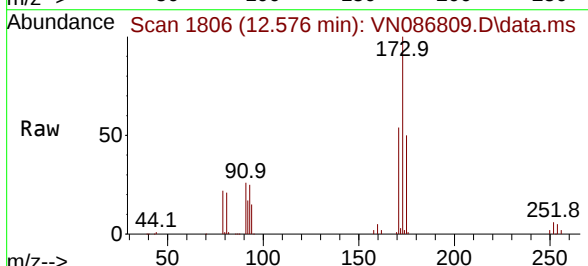
Manual Integrations
APPROVED

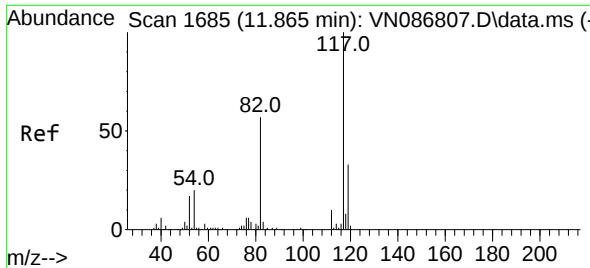
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

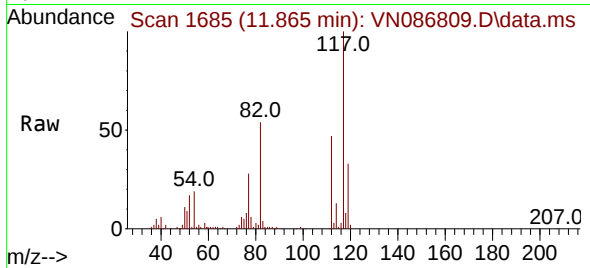
Tgt Ion:173 Resp: 164734
Ion Ratio Lower Upper
173 100
175 48.8 39.7 59.5
254 5.1 3.5 5.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

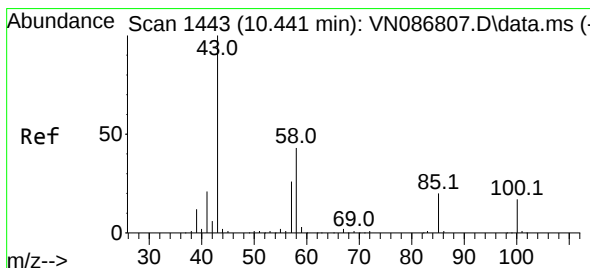
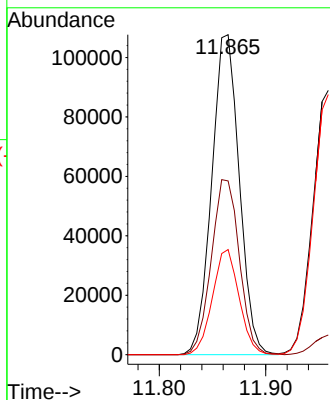
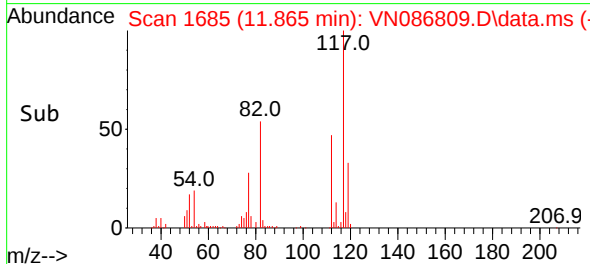
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



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

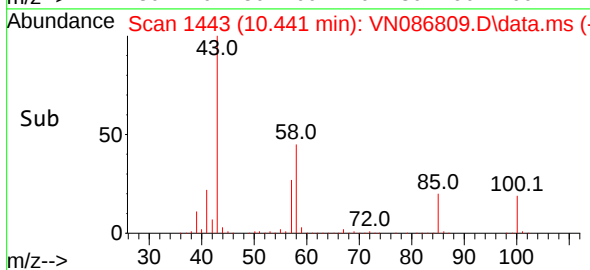
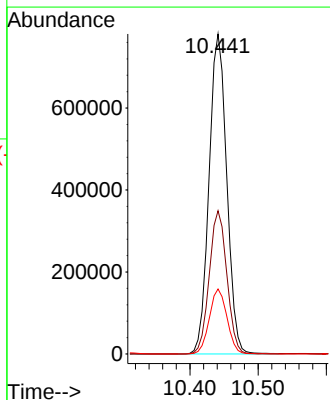
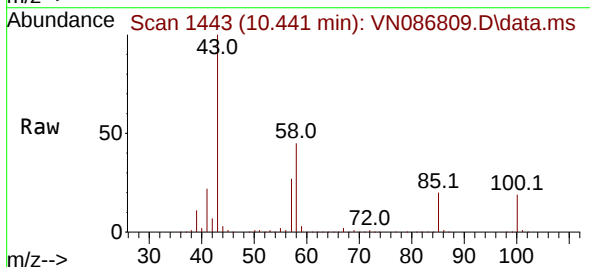
Manual Integrations
APPROVED

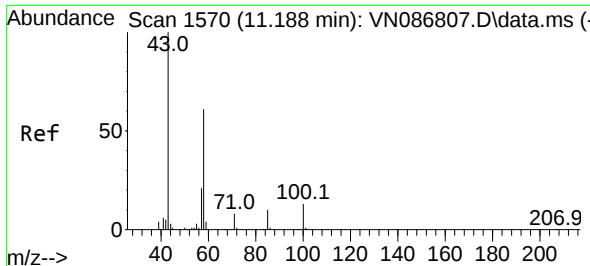
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

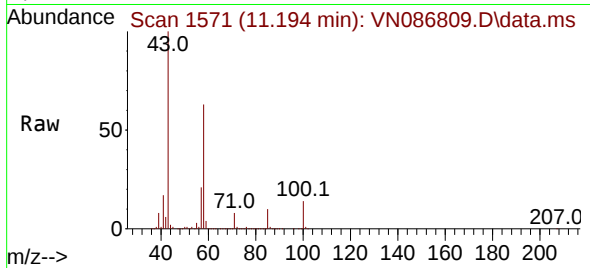
Tgt Ion: 43 Resp: 1409635
Ion Ratio Lower Upper
43 100
58 44.6 34.5 51.7
85 20.3 15.8 23.8





#59
2-Hexanone
Concen: 506.357 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

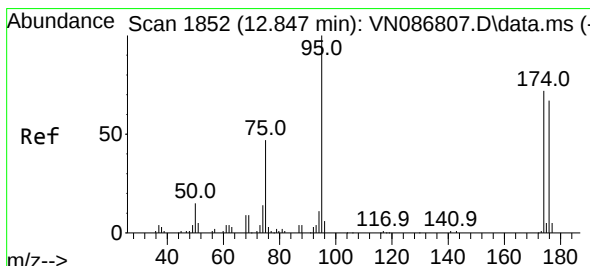
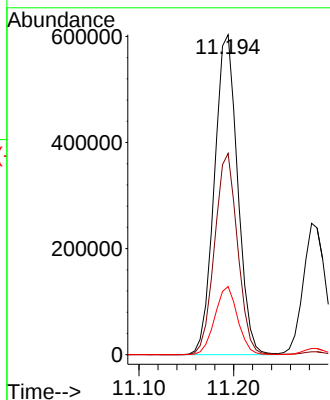
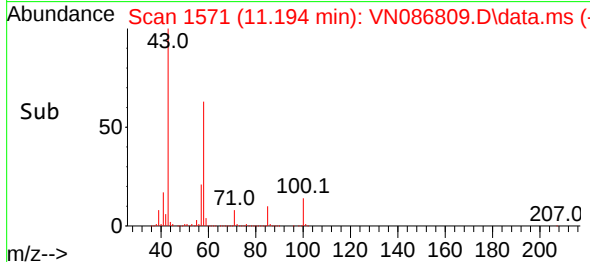
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1029492
Ion Ratio Lower Upper
43 100
58 62.0 49.1 73.7
57 20.9 16.6 25.0

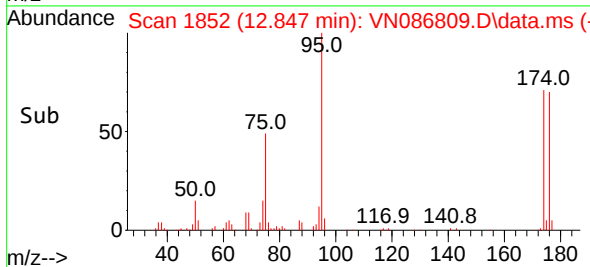
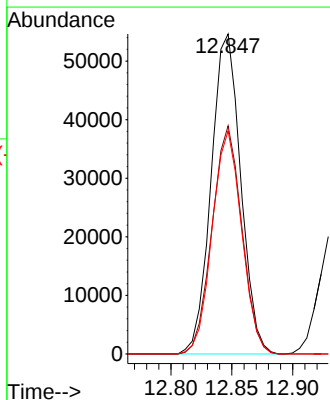
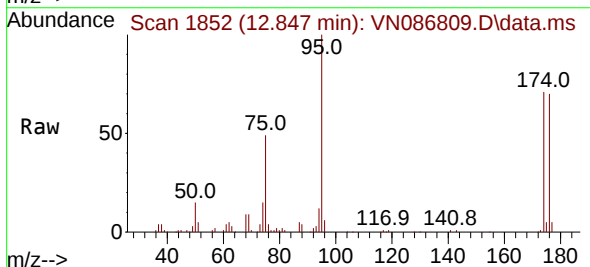
Manual Integrations
APPROVED

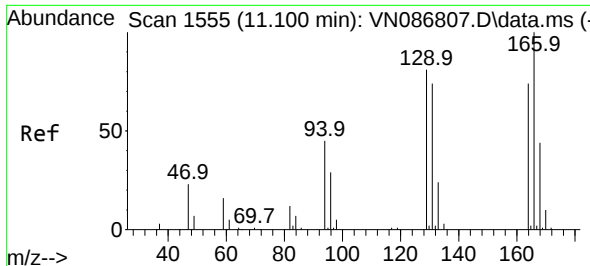
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

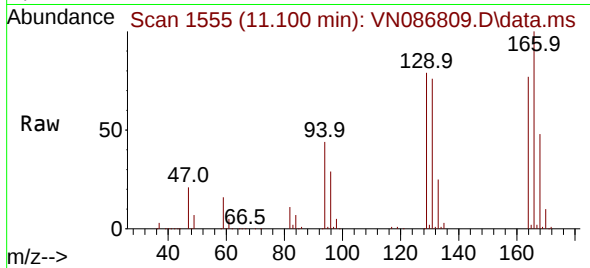
Tgt Ion: 95 Resp: 92260
Ion Ratio Lower Upper
95 100
174 71.5 56.2 84.4
176 69.3 53.4 80.0





#61
Tetrachloroethene
Concen: 95.819 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

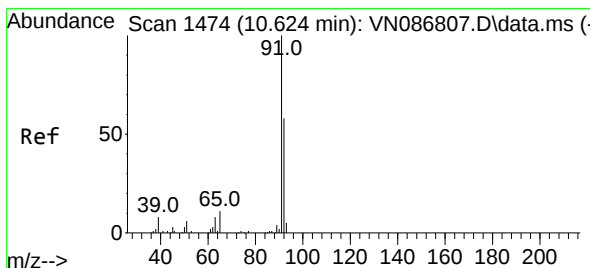
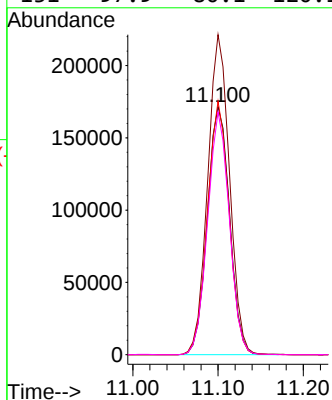
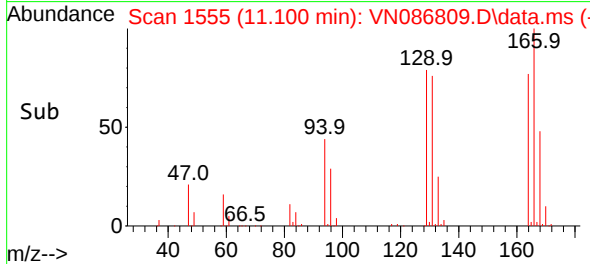
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



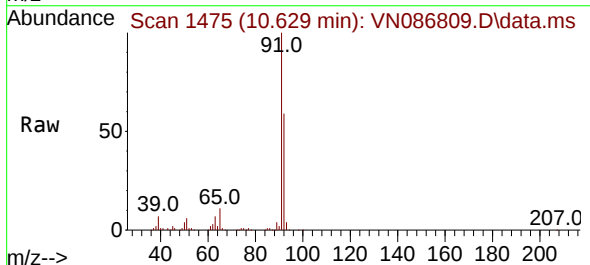
Tgt Ion:164 Resp: 31156
Ion Ratio Lower Upper
164 100
166 129.1 107.5 161.3
129 102.1 87.4 131.2
131 97.9 80.1 120.1

Manual Integrations
APPROVED

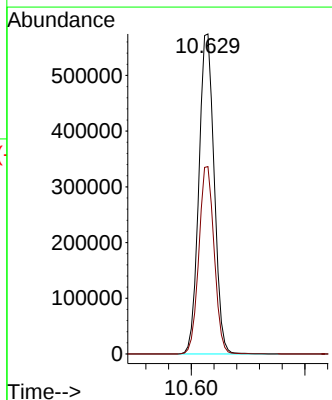
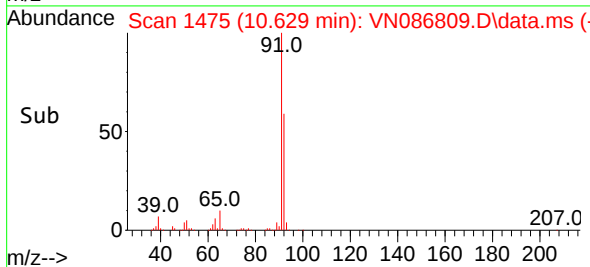
Reviewed By :John Carbone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

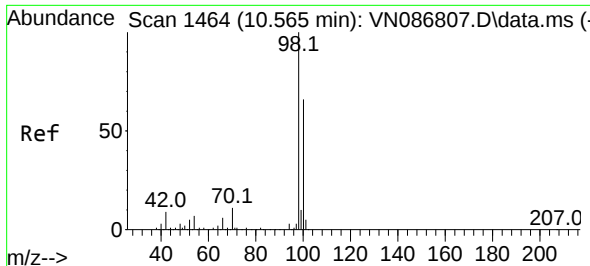


#62
Toluene
Concen: 98.623 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



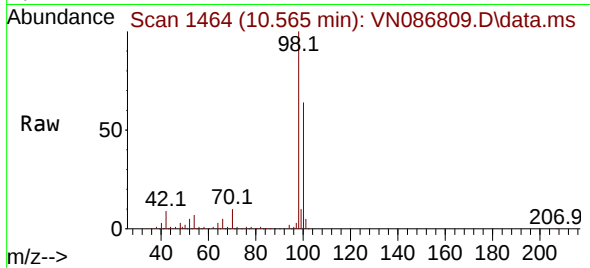
Tgt Ion: 91 Resp: 1074429
Ion Ratio Lower Upper
91 100
92 58.5 46.6 70.0





#63
Toluene-d8
Concen: 29.881 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

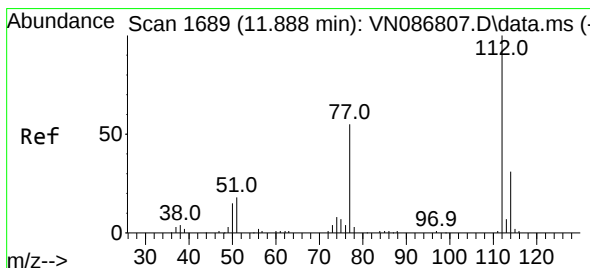
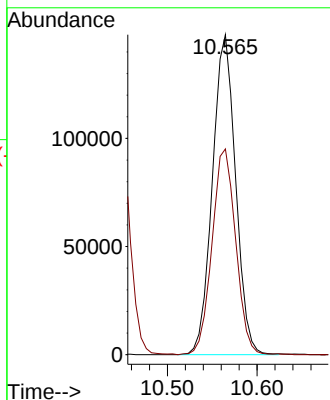
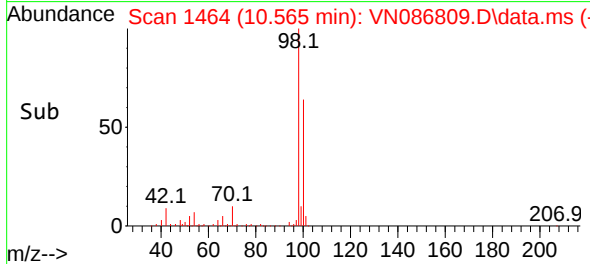
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 265294
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

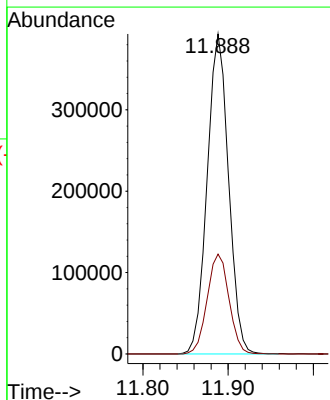
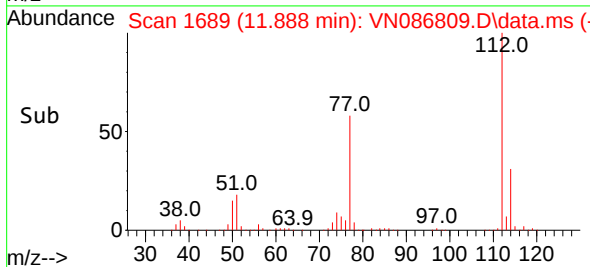
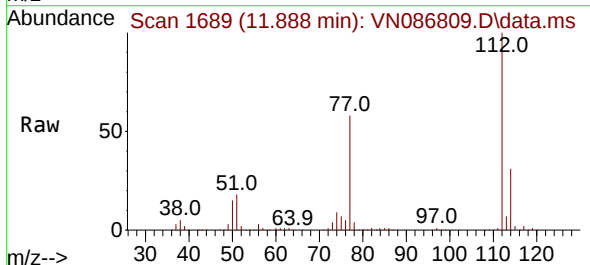
Manual Integrations
APPROVED

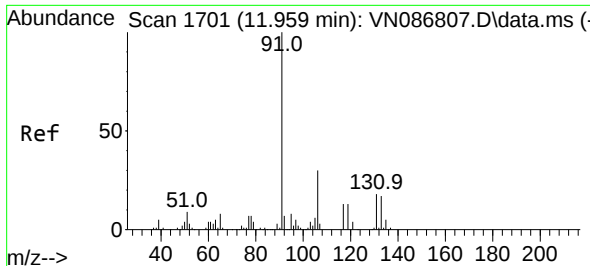
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

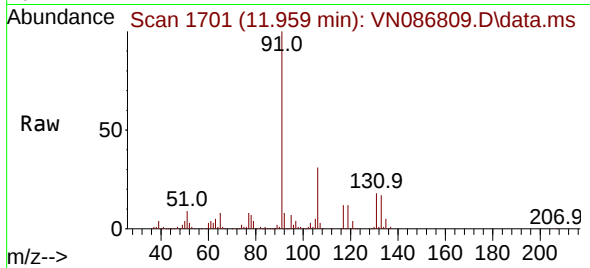
Tgt Ion:112 Resp: 684904
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 99.763 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

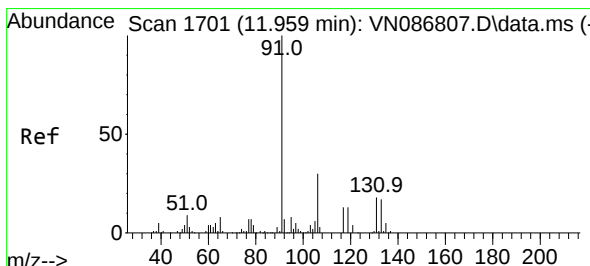
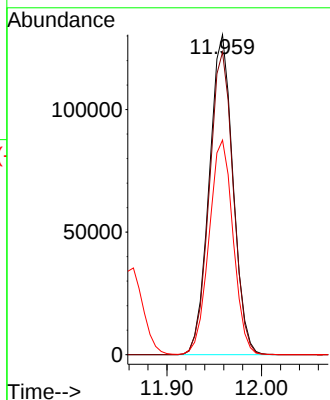
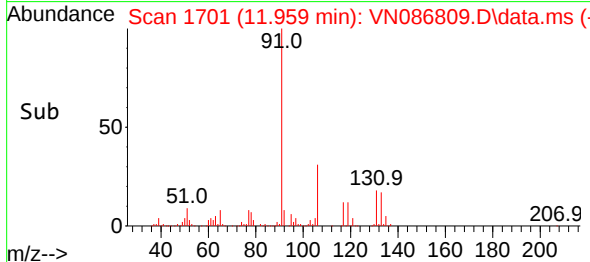
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



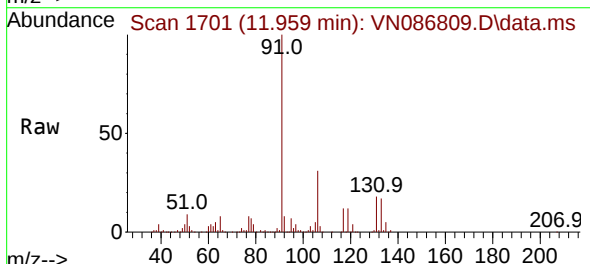
Tgt Ion:131 Resp: 227708
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.0
119 67.9 0.0 140.8

Manual Integrations
APPROVED

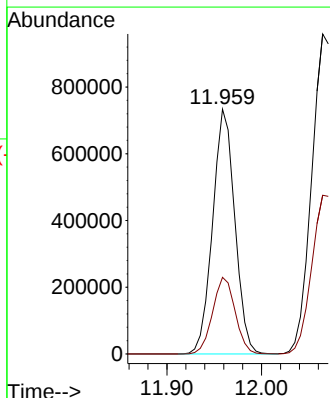
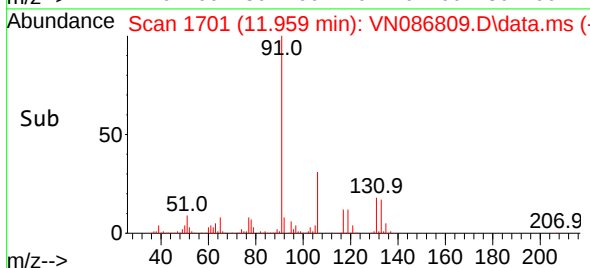
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

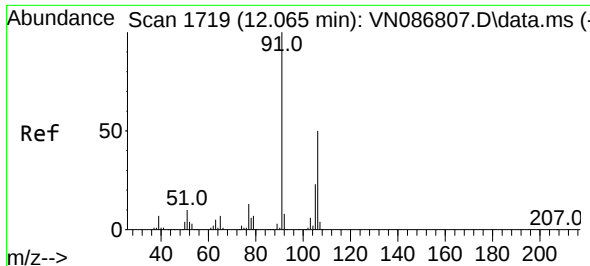


#66
Ethyl Benzene
Concen: 101.419 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



Tgt Ion: 91 Resp: 1195080
Ion Ratio Lower Upper
91 100
106 31.3 23.6 35.4





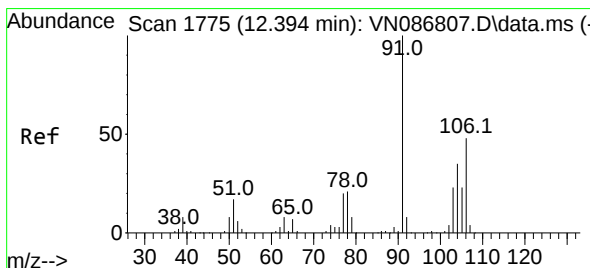
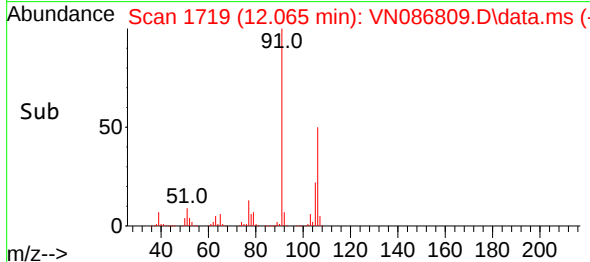
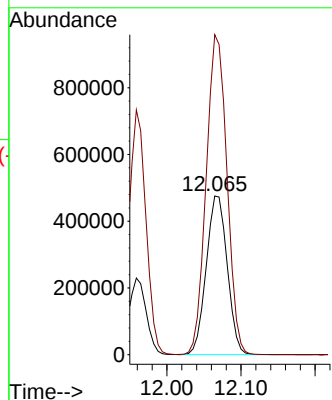
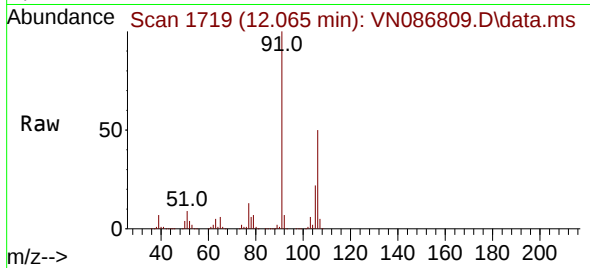
#67
m/p-Xylenes
Concen: 202.455 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 93616
Ion Ratio Lower Upper
106 100
91 199.6 160.7 241.1

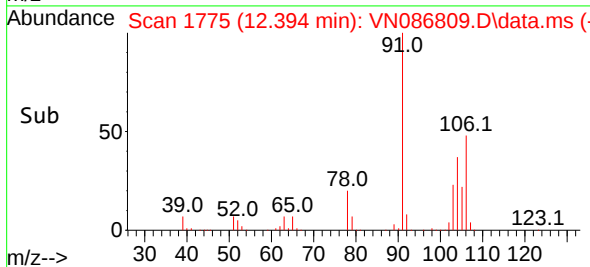
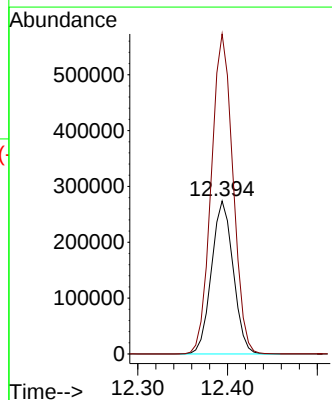
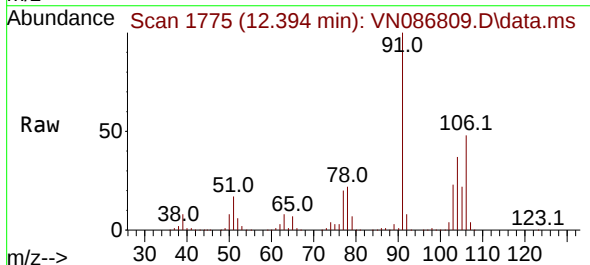
Manual Integrations
APPROVED

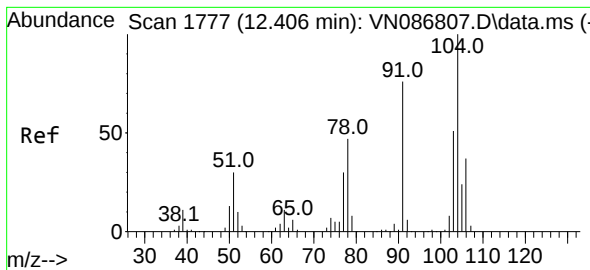
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





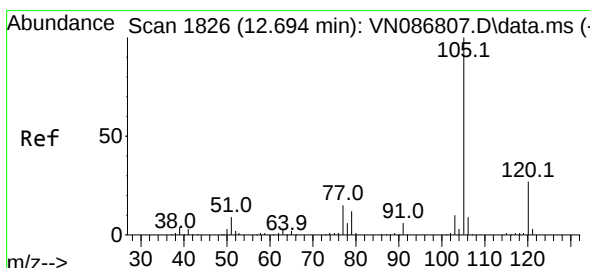
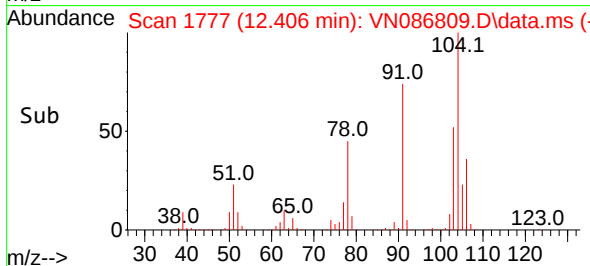
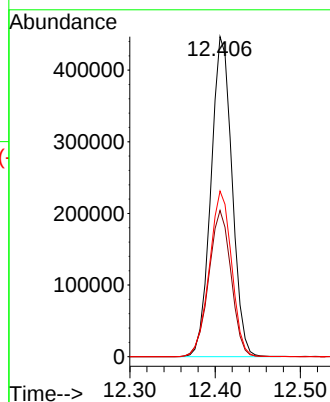
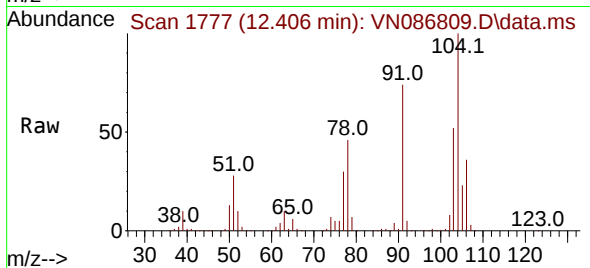
#69
Styrene
Concen: 102.976 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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

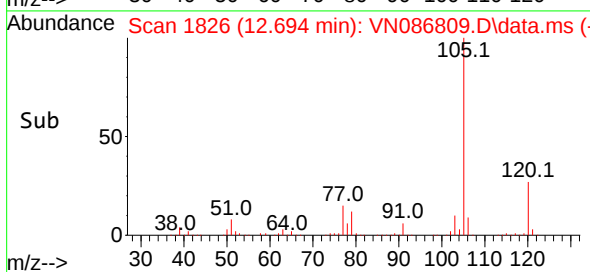
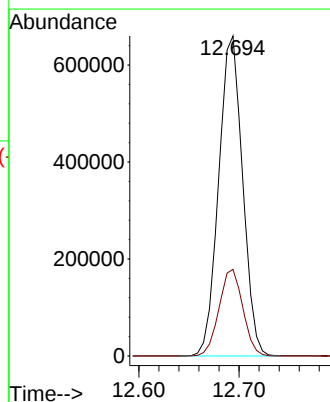
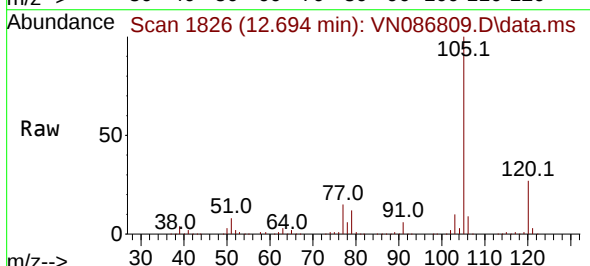
Manual Integrations
APPROVED

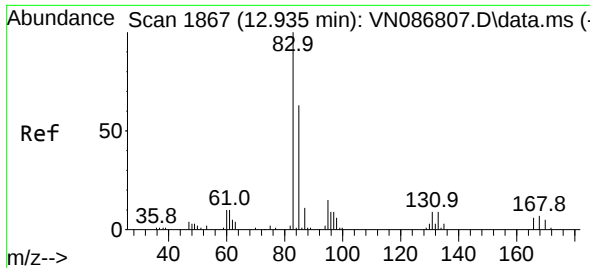
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

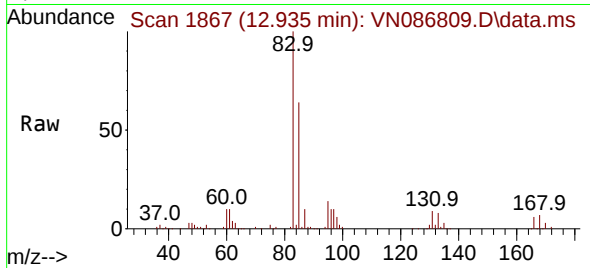
Tgt Ion:105 Resp: 1090941
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 103.643 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

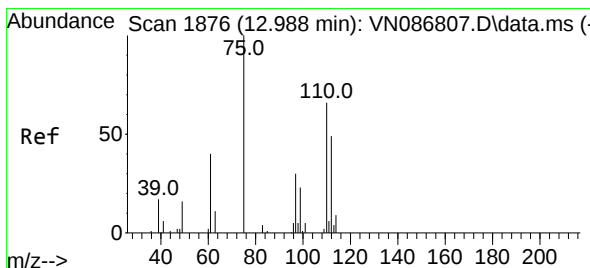
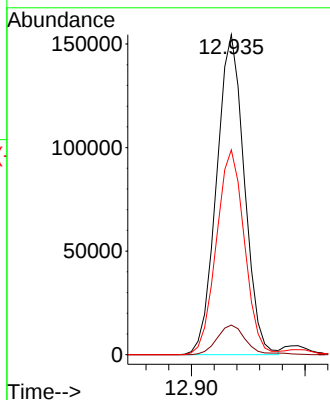
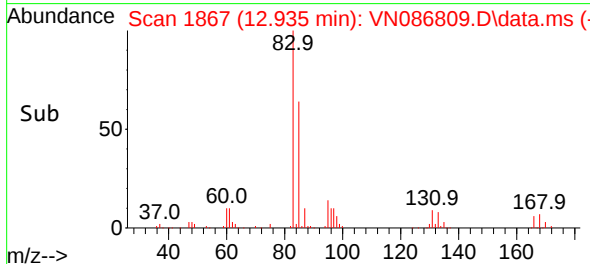
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



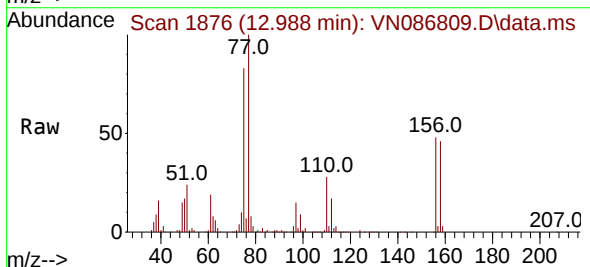
Tgt Ion: 83 Resp: 262640
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 64.5 32.6 97.7

Manual Integrations
APPROVED

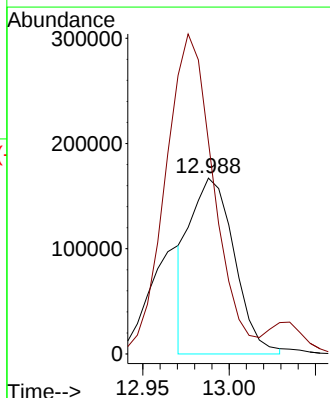
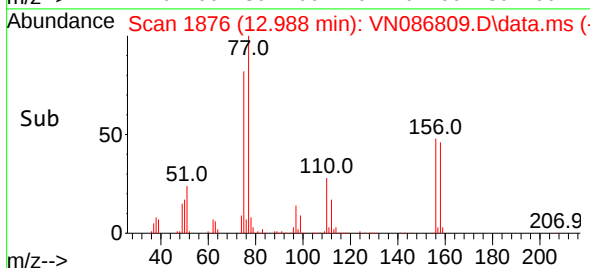
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

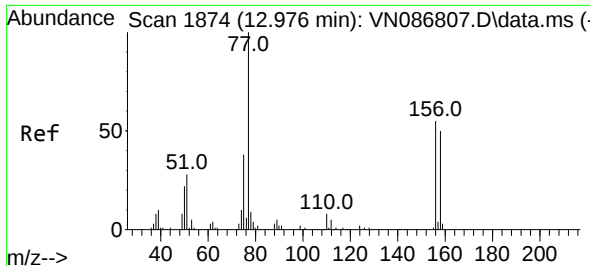


#72
1,2,3-Trichloropropane
Concen: 95.286 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



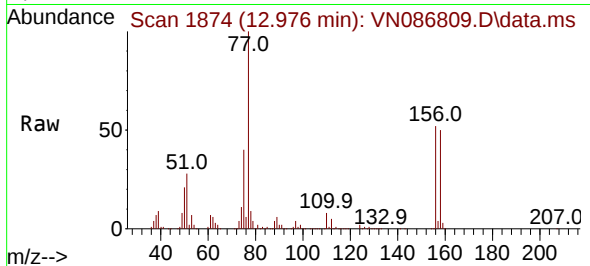
Tgt Ion: 75 Resp: 297483
Ion Ratio Lower Upper
75 100
77 199.1 0.0 390.6





#73
Bromobenzene
Concen: 100.850 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

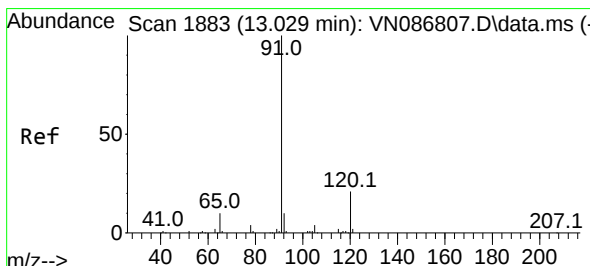
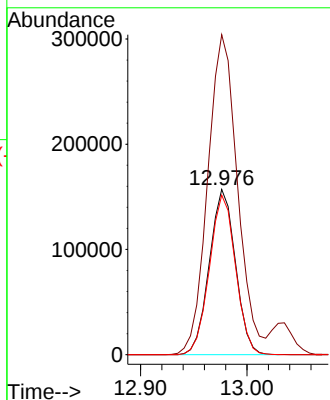
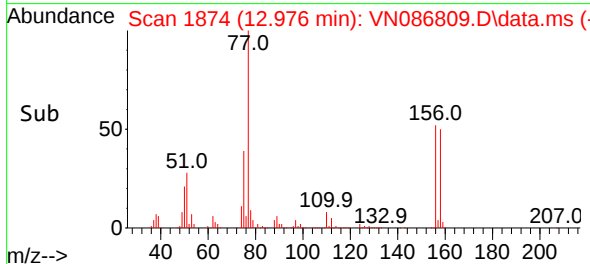
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



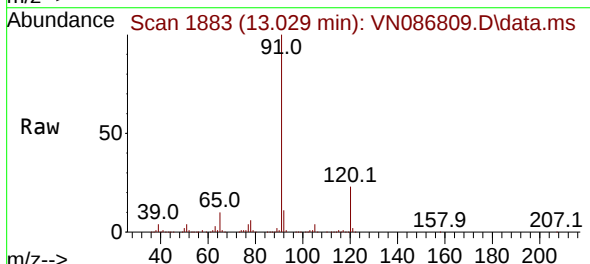
Tgt Ion:156 Resp: 267174
Ion Ratio Lower Upper
156 100
77 221.7 0.0 442.0
158 96.5 0.0 191.8

Manual Integrations
APPROVED

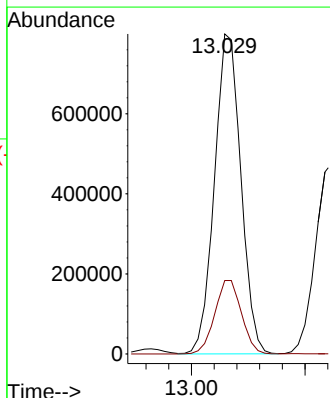
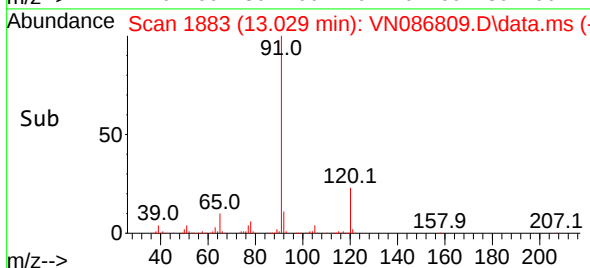
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

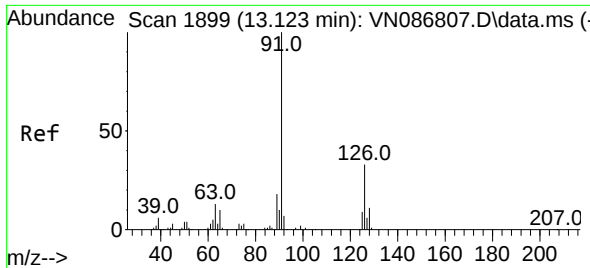


#74
n-propylbenzene
Concen: 102.310 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



Tgt Ion: 91 Resp: 1291676
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6





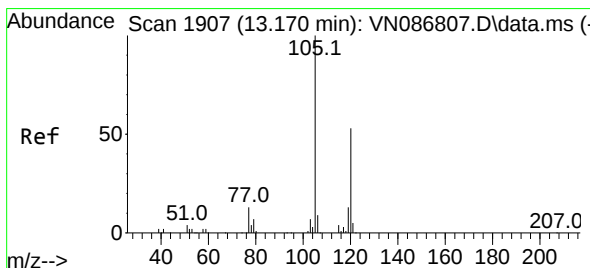
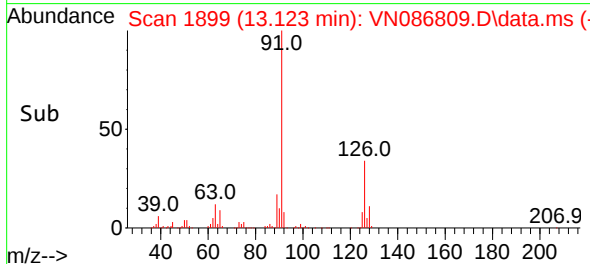
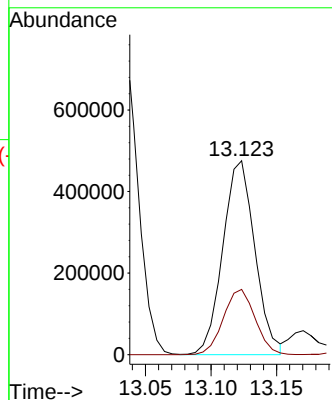
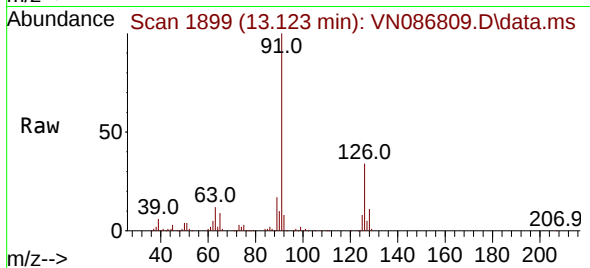
#75
2-Chlorotoluene
Concen: 99.974 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 81013
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.4

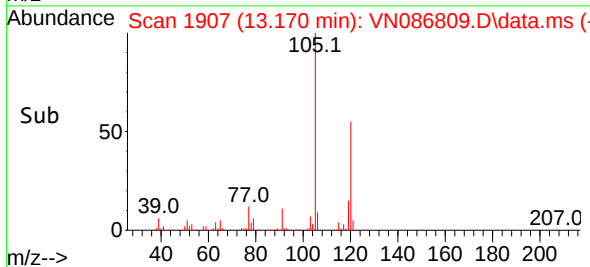
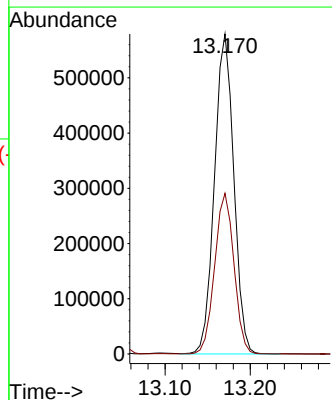
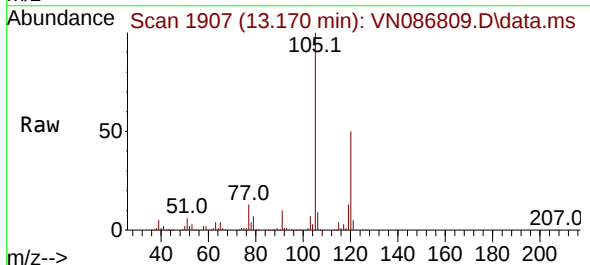
Manual Integrations
APPROVED

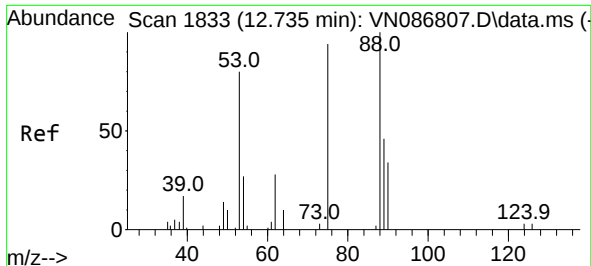
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





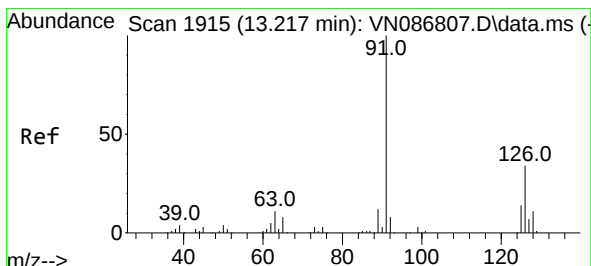
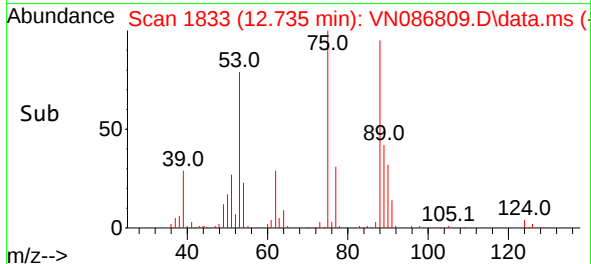
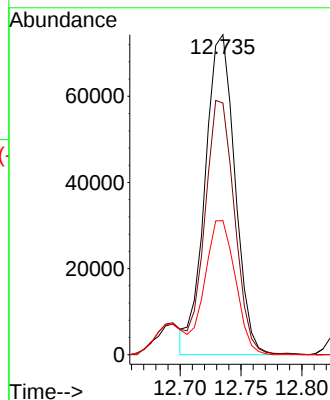
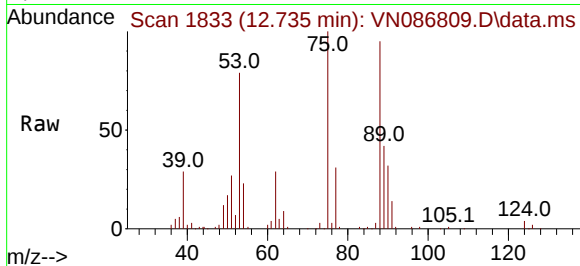
#77
 t-1,4-Dichloro-2-butene
 Concen: 105.004 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086809.D
 Acq: 29 May 2025 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 127629
 Ion Ratio Lower Upper
 75 100
 53 78.6 43.0 128.8
 89 42.0 25.4 76.2

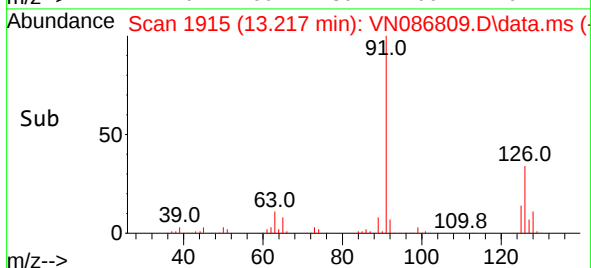
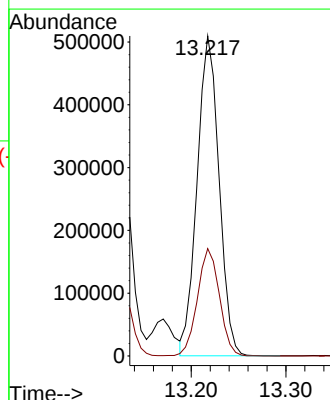
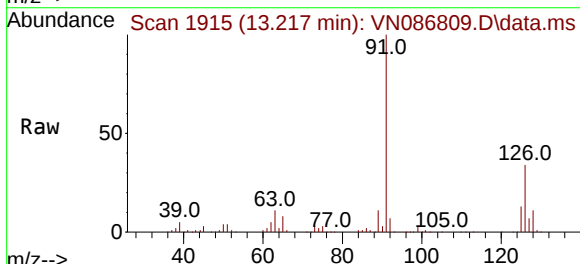
Manual Integrations
 APPROVED

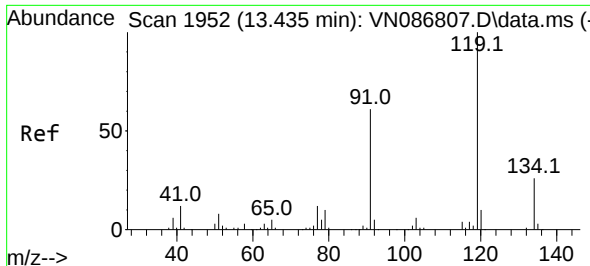
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#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





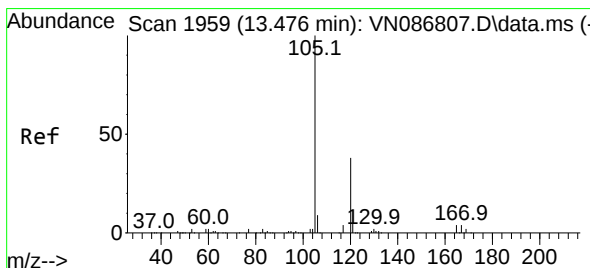
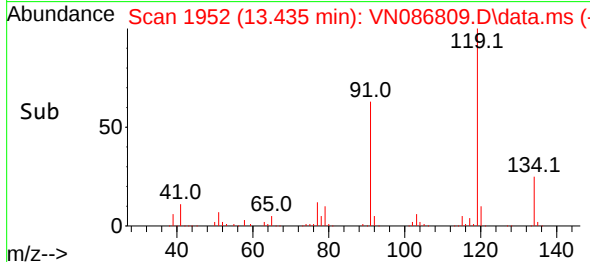
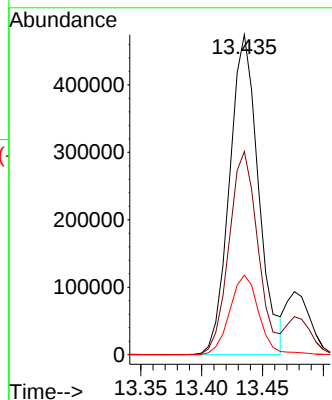
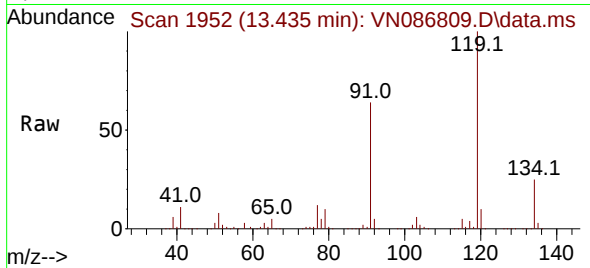
#79
tert-butylbenzene
Concen: 102.722 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 787502
Ion Ratio Lower Upper
119 100
91 63.5 0.0 130.4
134 25.0 0.0 50.6

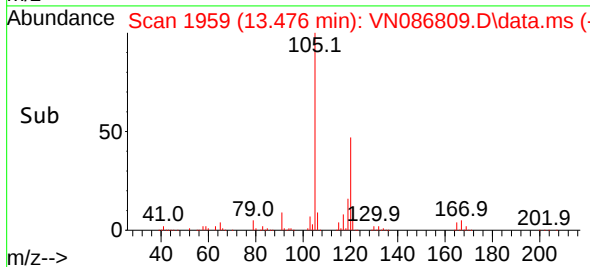
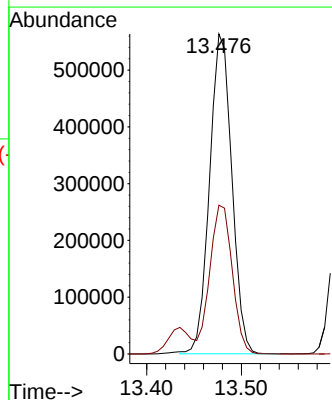
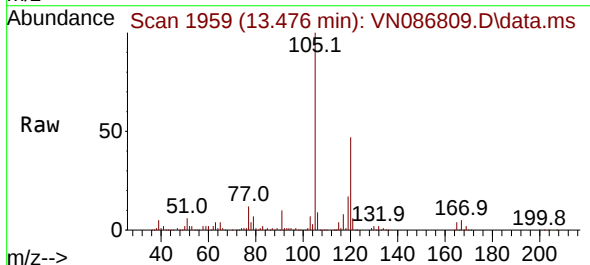
Manual Integrations
APPROVED

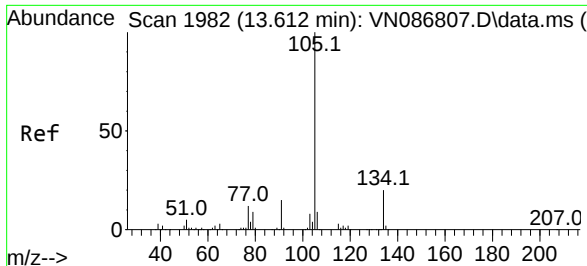
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





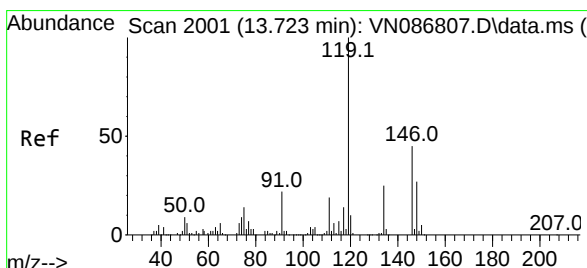
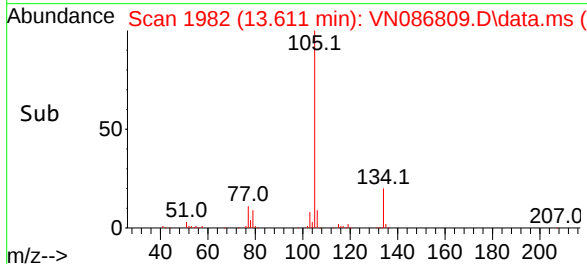
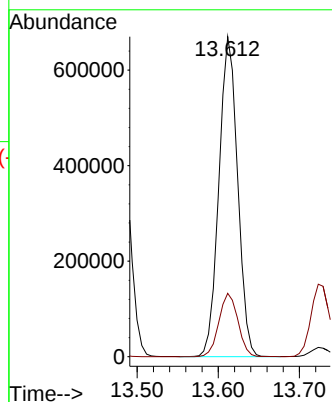
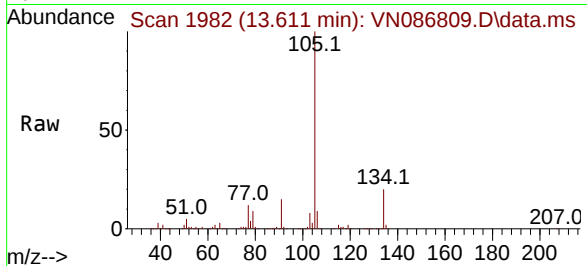
#81
 sec-Butylbenzene
 Concen: 102.776 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086809.D
 Acq: 29 May 2025 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 107341
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.0

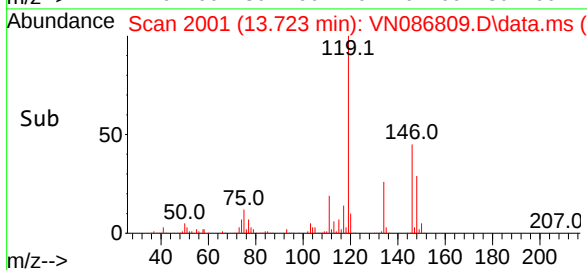
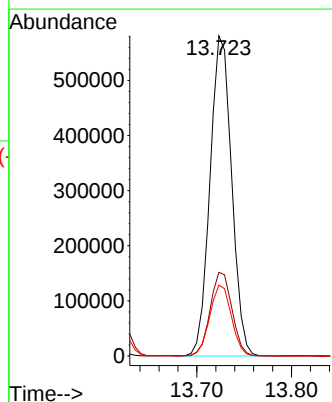
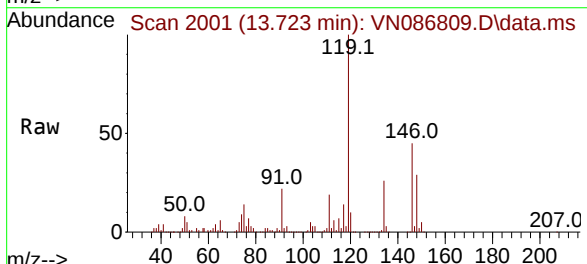
Manual Integrations
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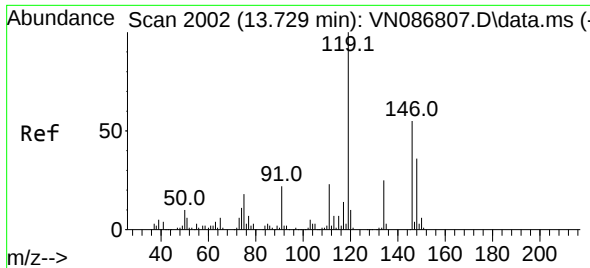
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#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





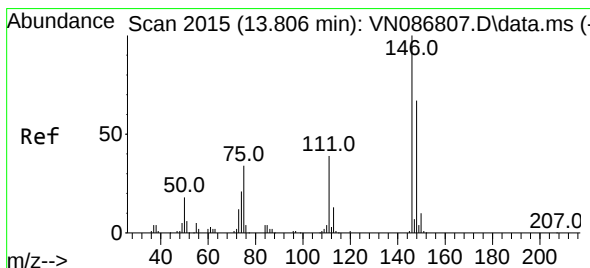
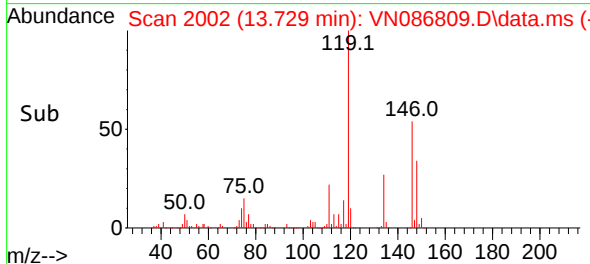
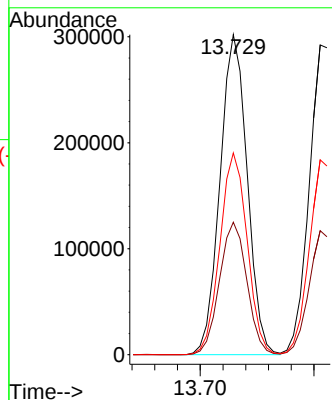
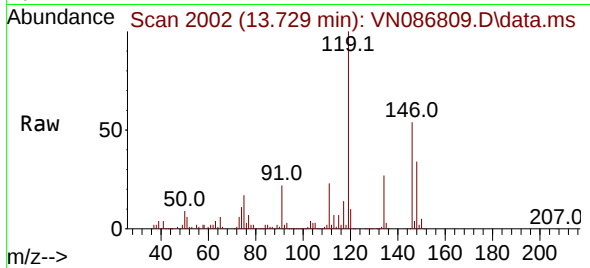
#83
1,3-Dichlorobenzene
Concen: 103.406 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 502564
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 63.2 32.1 96.5

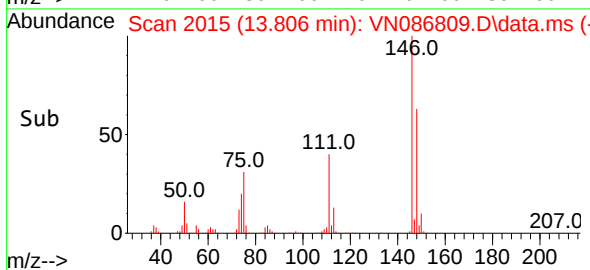
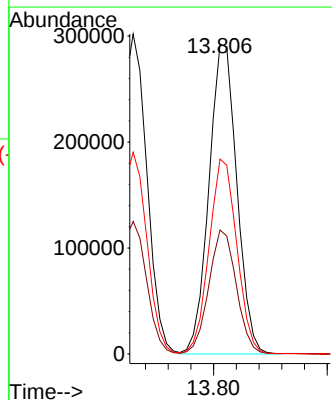
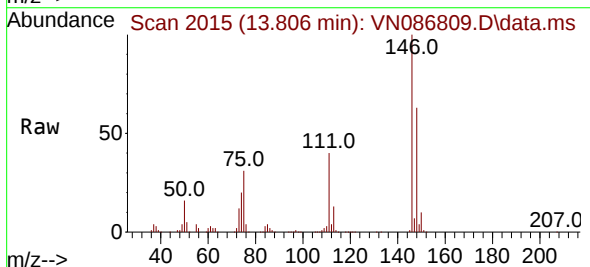
Manual Integrations
APPROVED

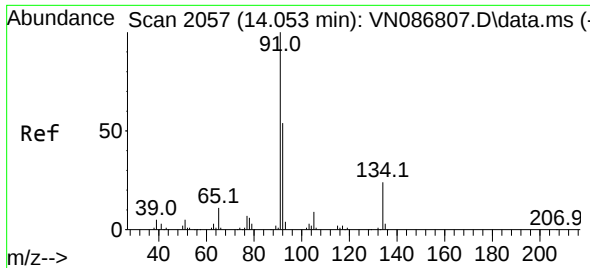
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

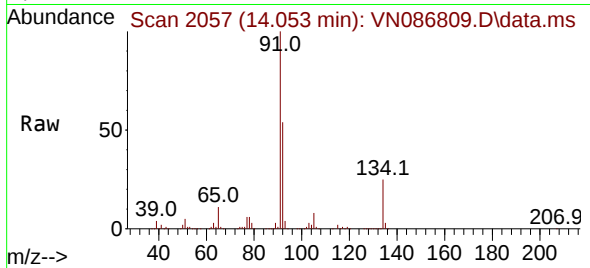
Tgt Ion:146 Resp: 499113
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 62.4 31.9 95.5





#85
n-Butylbenzene
Concen: 106.922 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

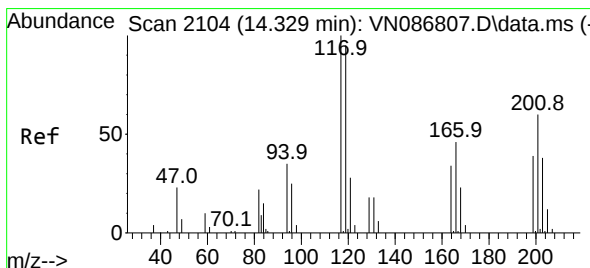
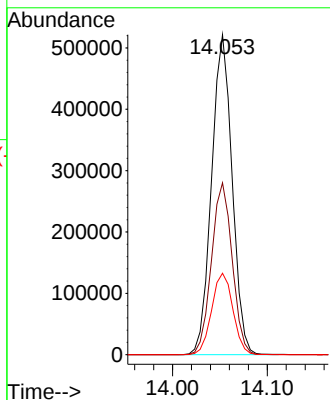
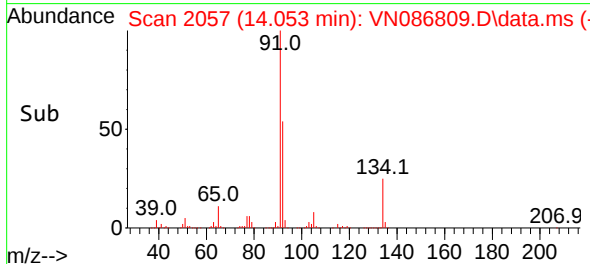
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 785009
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.6
134 26.4 0.0 50.0

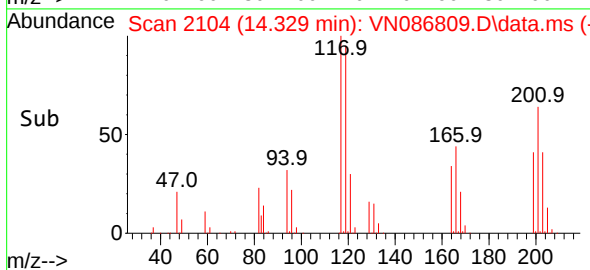
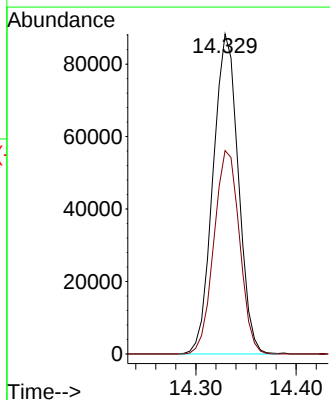
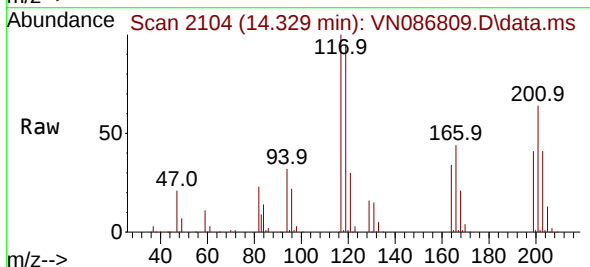
Manual Integrations
APPROVED

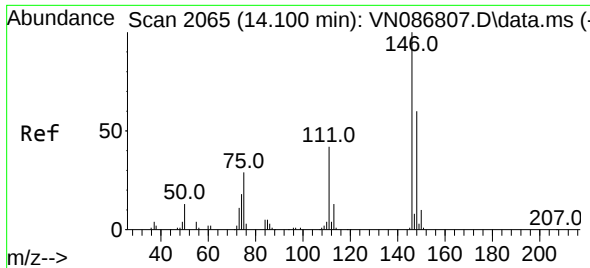
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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





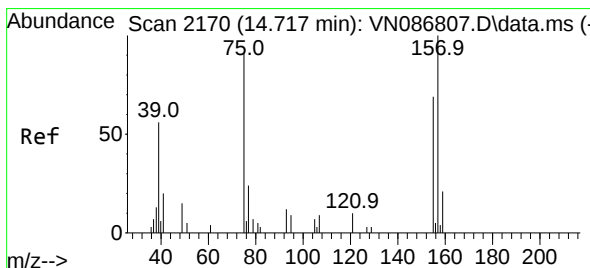
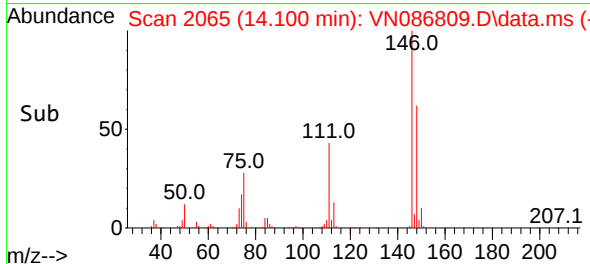
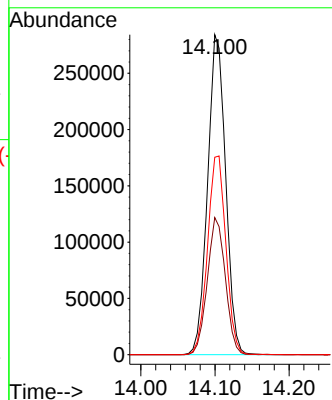
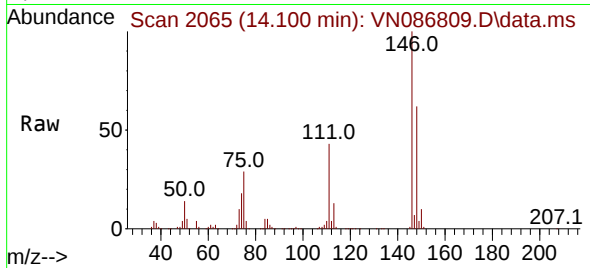
#87
1,2-Dichlorobenzene
Concen: 102.658 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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

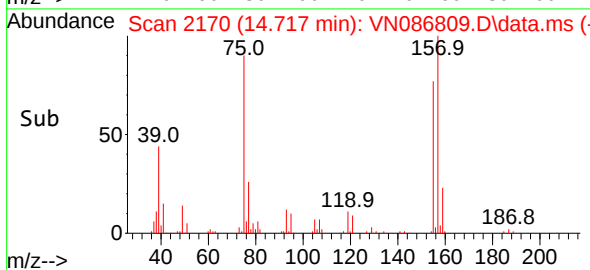
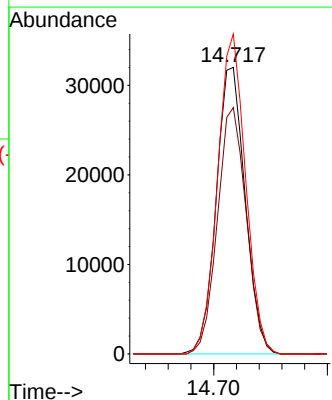
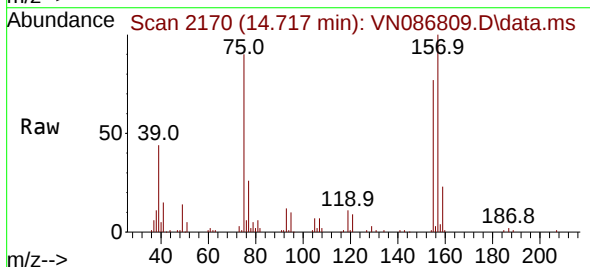
Manual Integrations
APPROVED

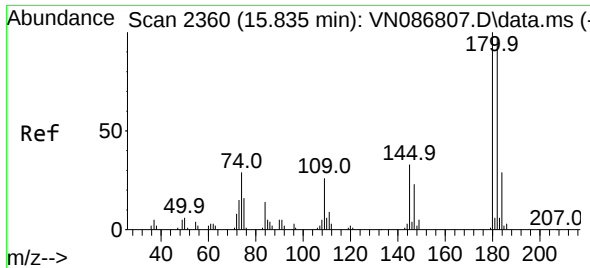
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#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

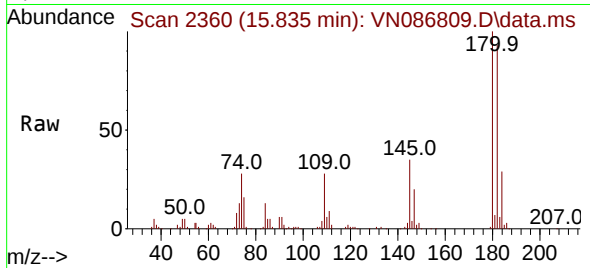
Tgt Ion: 75 Resp: 56473
Ion Ratio Lower Upper
75 100
155 85.9 62.9 94.3
157 108.4 84.0 126.0





#89
1,2,4-Trichlorobenzene
Concen: 107.328 ug/l
RT: 15.835 min Scan# 21058
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

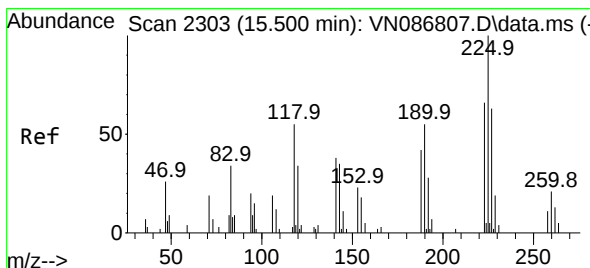
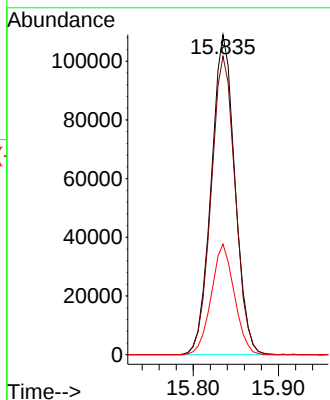
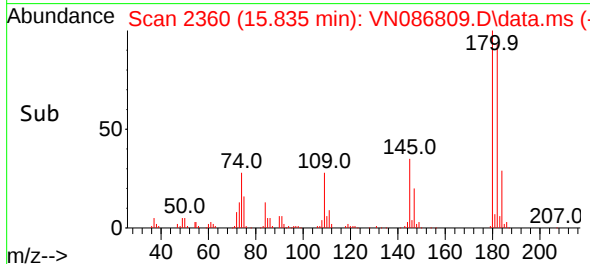
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



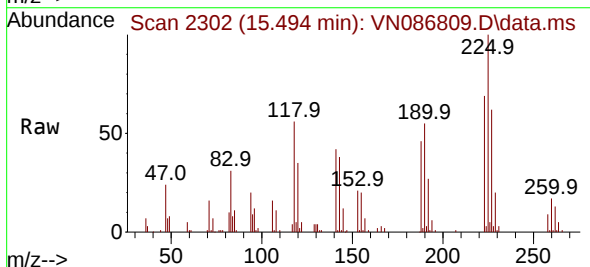
Tgt Ion:180 Resp: 21058
Ion Ratio Lower Upper
180 100
182 94.7 78.2 117.2
145 33.6 28.0 42.0

Manual Integrations
APPROVED

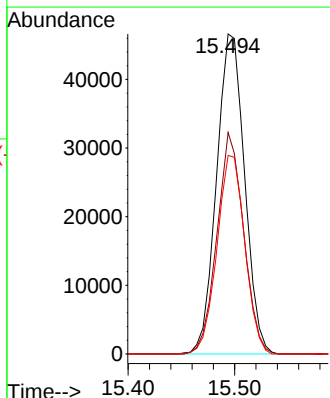
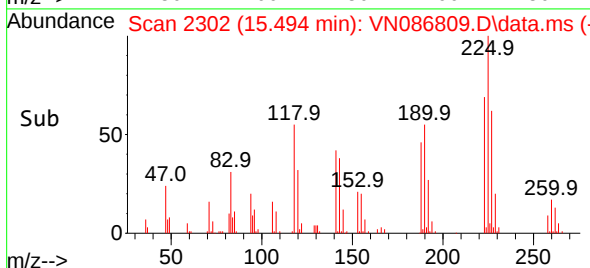
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

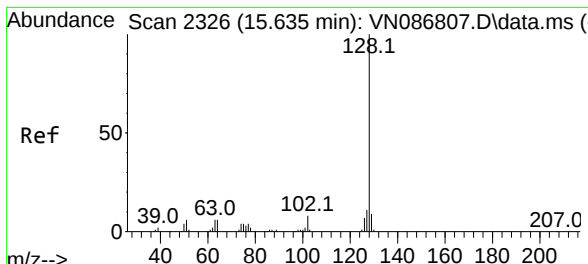


#90
Hexachlorobutadiene
Concen: 101.380 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08



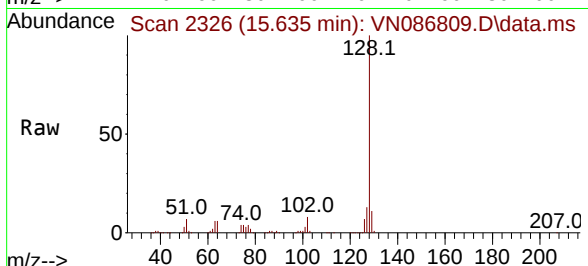
Tgt Ion:225 Resp: 85255
Ion Ratio Lower Upper
225 100
223 65.7 0.0 135.8
227 61.5 0.0 125.0





#91
Naphthalene
Concen: 111.627 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086809.D
Acq: 29 May 2025 12:08

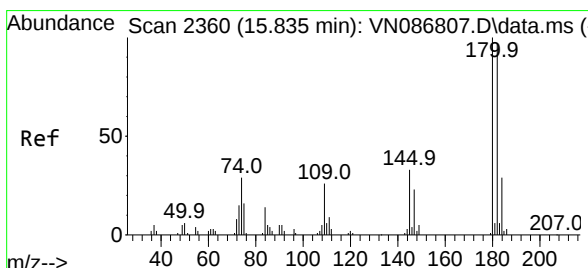
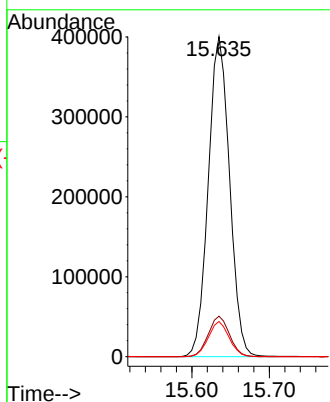
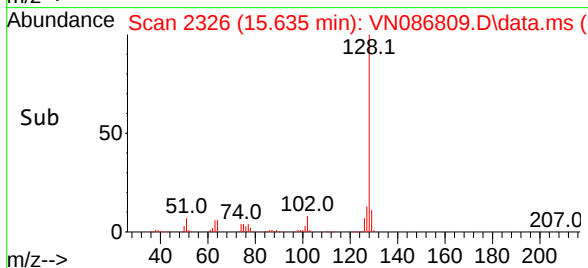
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



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

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

