

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085499.D
 Acq On : 17 Jan 2025 17:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FILTER CAKE

Quant Time: Jan 17 22:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

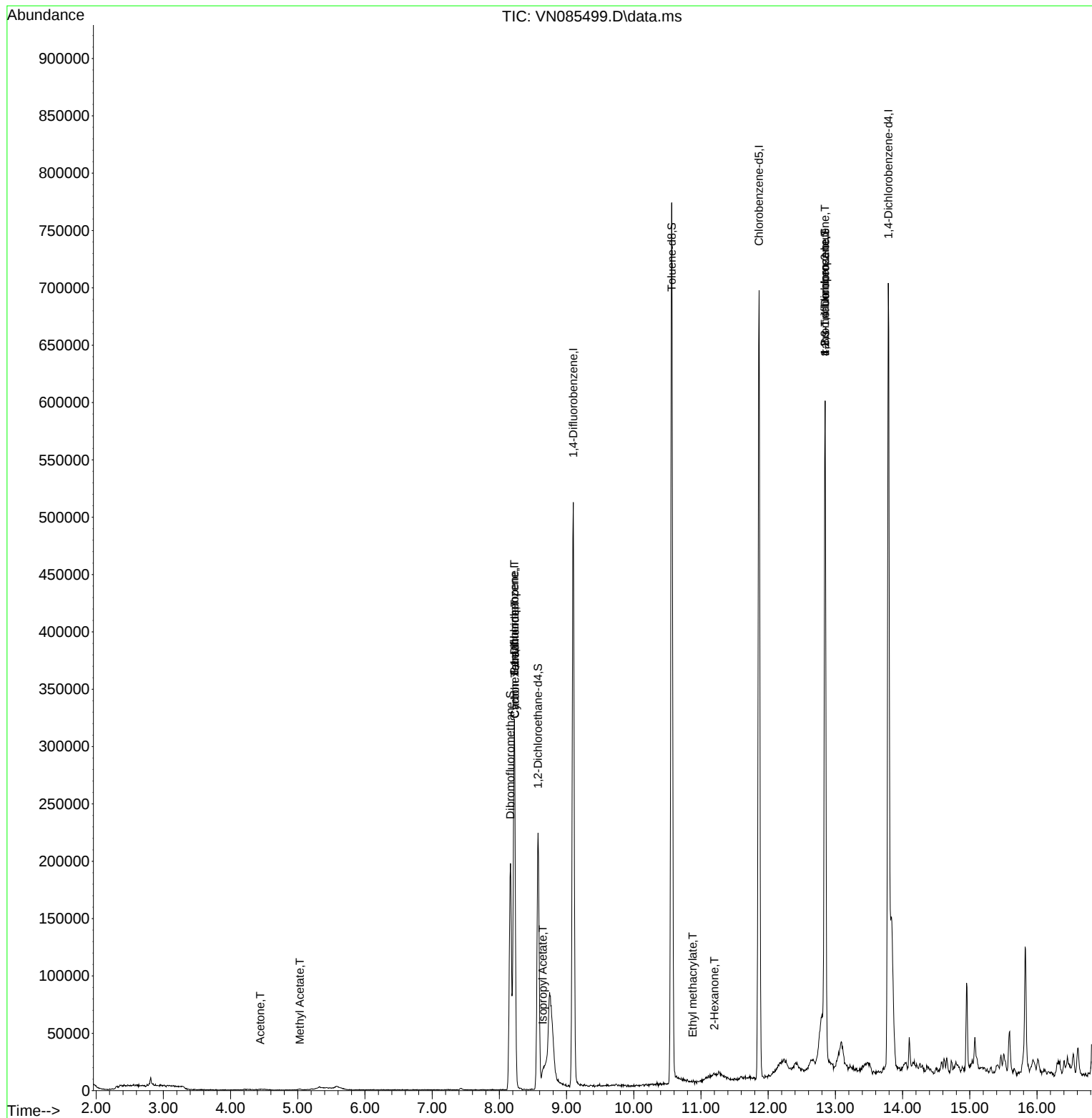
Internal Standards						
1) Pentafluorobenzene	8.224	168	211244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	188174	55.184	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.360%		
35) Dibromofluoromethane	8.165	113	137814	48.381	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.760%		
50) Toluene-d8	10.565	98	510524	50.443	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.880%		
62) 4-Bromofluorobenzene	12.847	95	191495	55.312	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 110.620%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	1138	1.033	ug/l #	45
18) Methyl Acetate	5.030	43	1688	0.504	ug/l #	59
31) Cyclohexane	8.230	56	6436	1.487	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	19820	4.958	ug/l #	50
38) Carbon Tetrachloride	8.230	117	23466	5.127	ug/l #	17
43) Isopropyl Acetate	8.647	43	12385	1.915	ug/l #	57
56) Ethyl methacrylate	10.877	69	332	2.000	ug/l #	1
59) 2-Hexanone	11.200	43	1088	0.412	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	104736	30.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	104736	82.775	ug/l #	3

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

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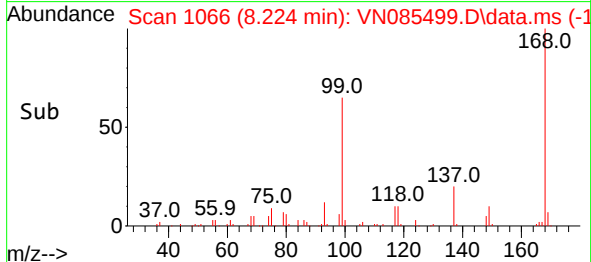
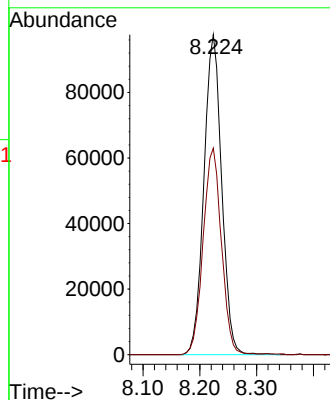
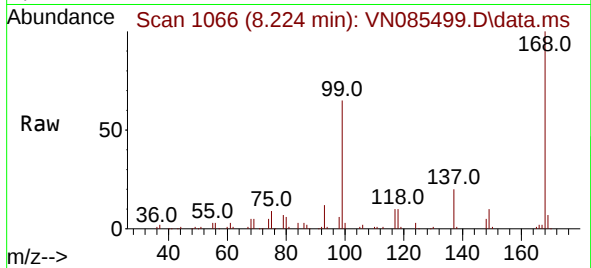




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

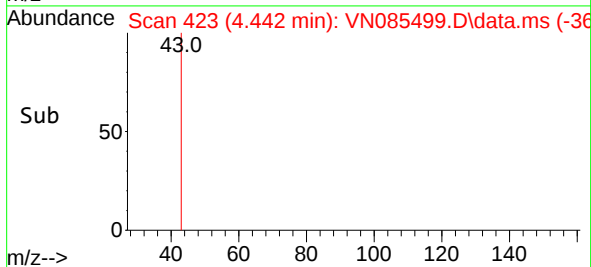
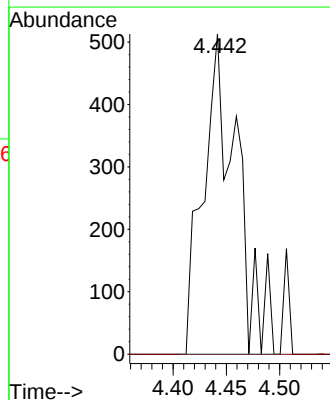
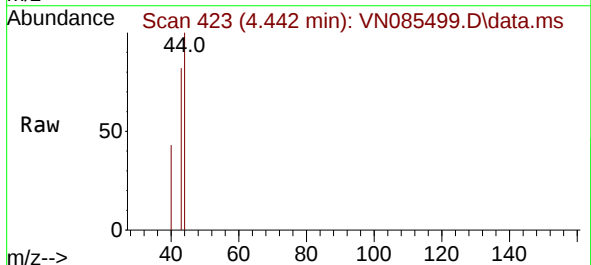
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Tgt Ion:168 Resp: 211244
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#16
Acetone
Concen: 1.033 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

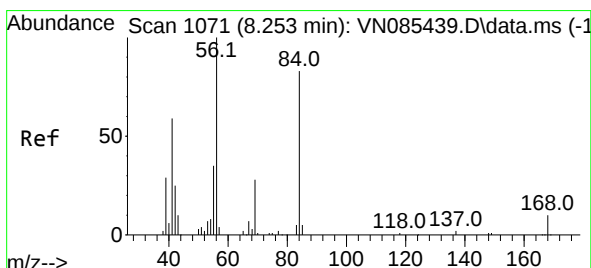
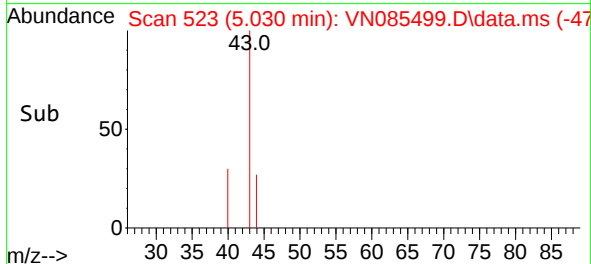
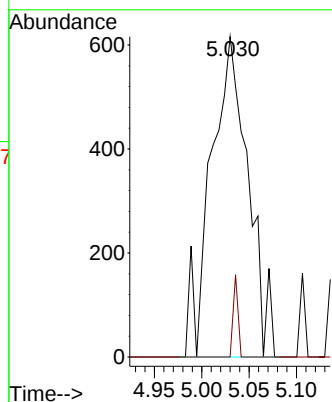
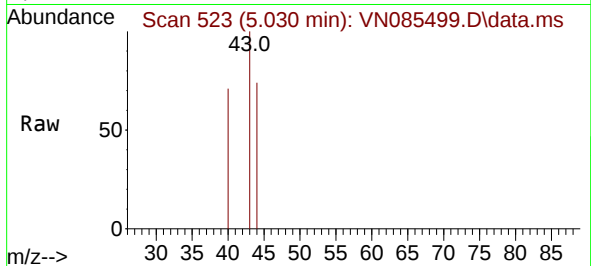




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

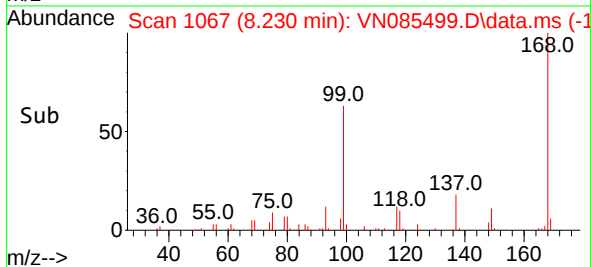
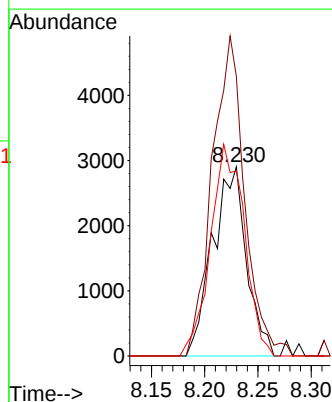
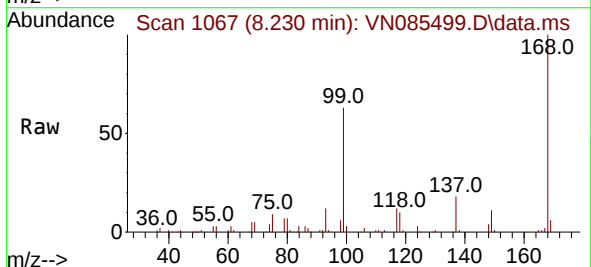
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

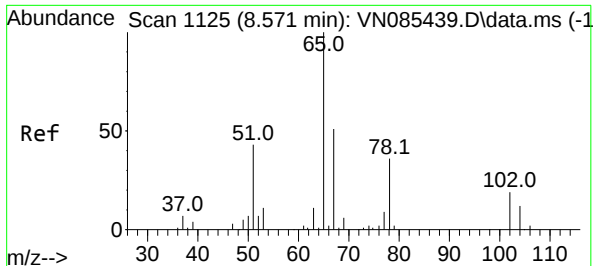
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
74 3.3 18.6 28.0#



#31
Cyclohexane
Concen: 1.487 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 56 Resp: 6436
Ion Ratio Lower Upper
56 100
69 147.8 22.2 33.4#
84 97.8 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 55.184 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

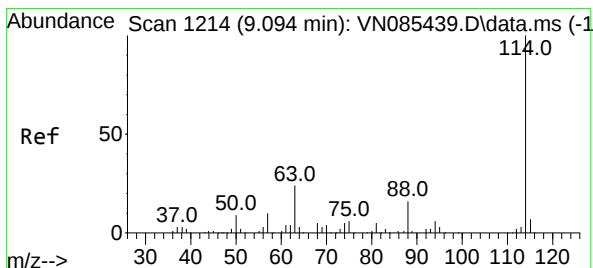
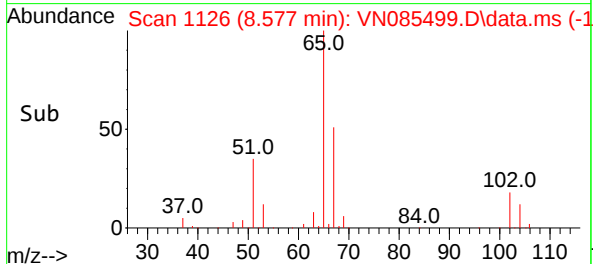
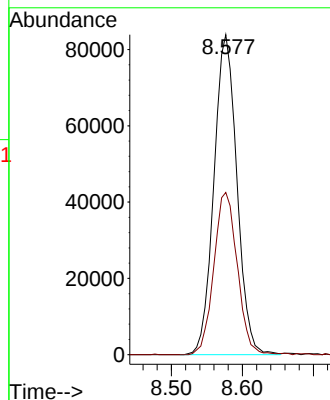
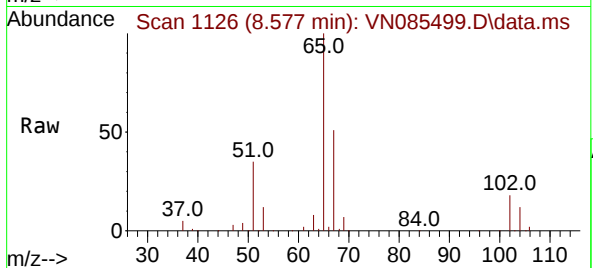
FILTER CAKE

Tgt Ion: 65 Resp: 188174

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

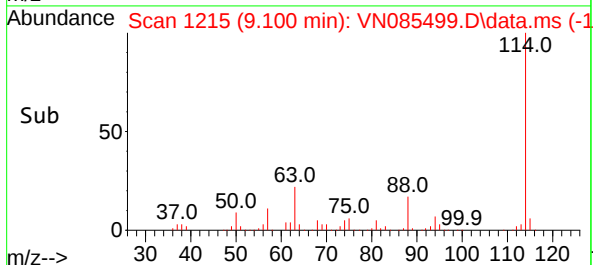
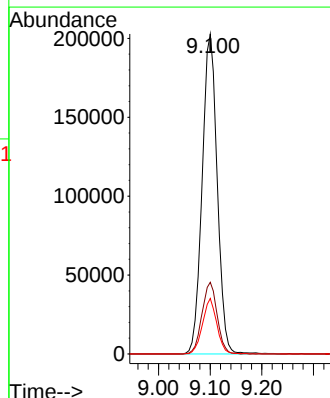
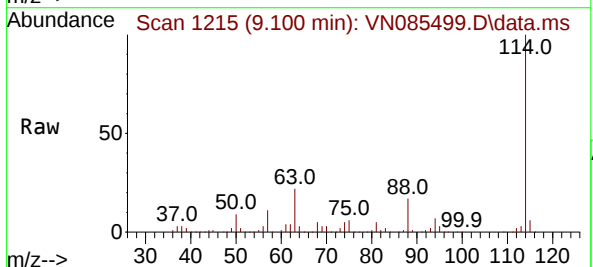
Tgt Ion: 114 Resp: 410596

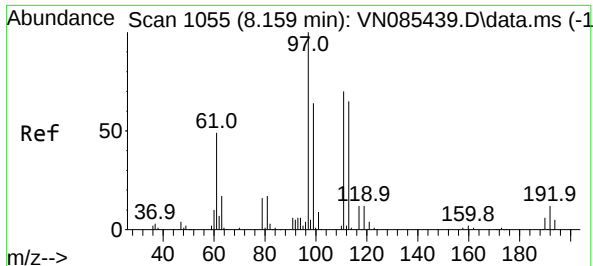
Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.6

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.381 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

FILTER CAKE

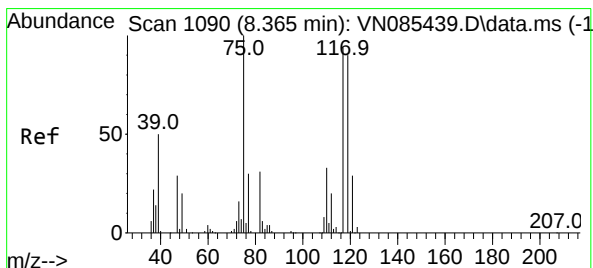
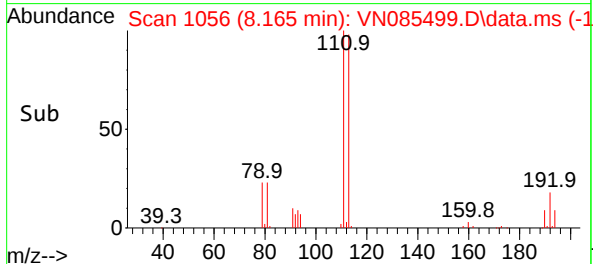
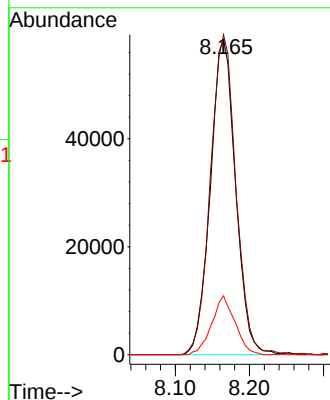
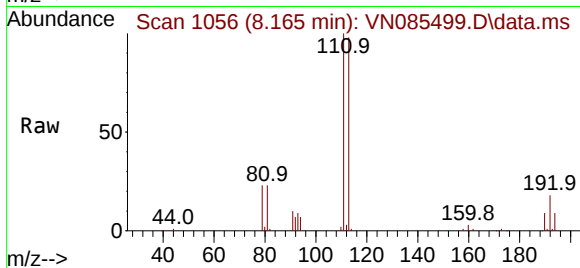
Tgt Ion:113 Resp: 137814

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

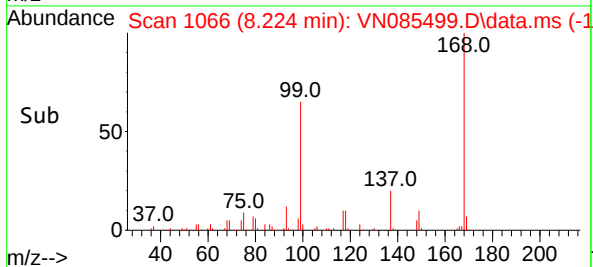
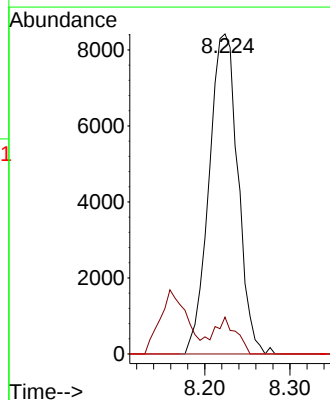
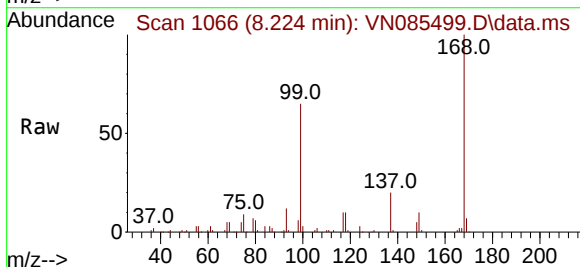
Tgt Ion: 75 Resp: 19820

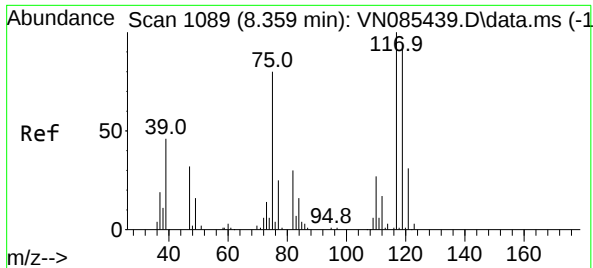
Ion Ratio Lower Upper

75 100

110 7.7 16.5 49.5#

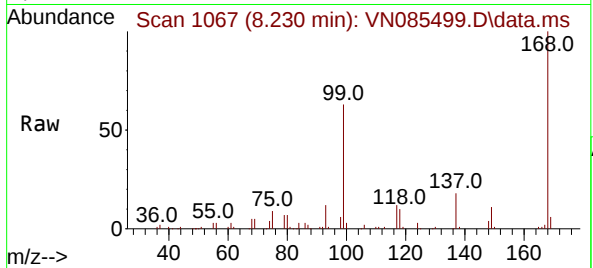
77 0.0 24.4 36.6#



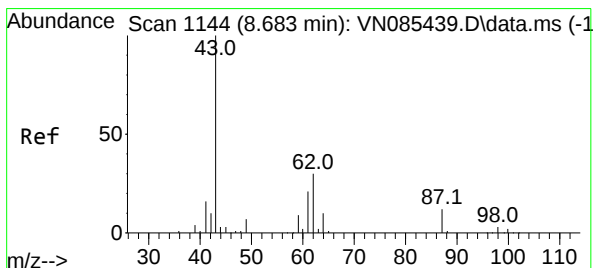
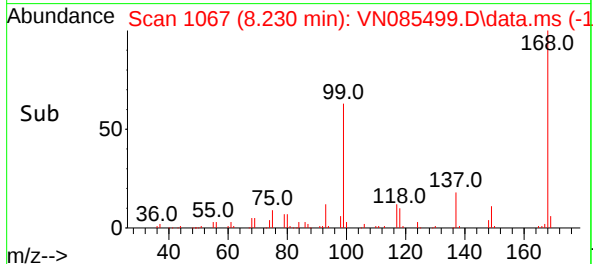
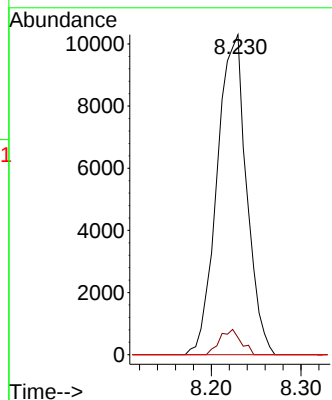


#38
Carbon Tetrachloride
Concen: 5.127 ug/l
RT: 8.230 min Scan# 1138
Delta R.T. -0.129 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

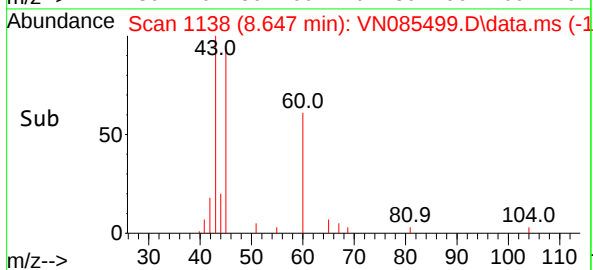
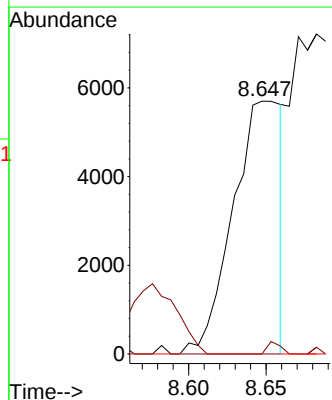
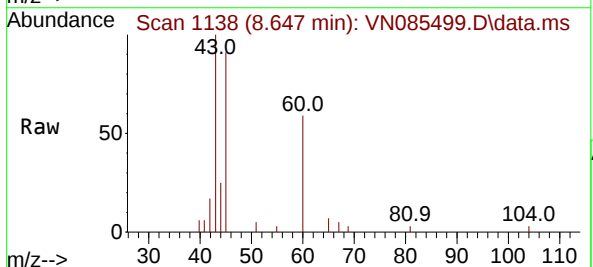


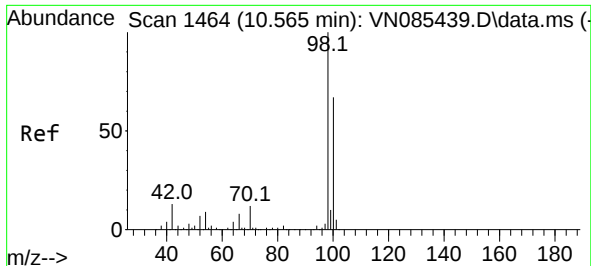
Tgt Ion:117 Resp: 23466
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.915 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.035 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 43 Resp: 12385
Ion Ratio Lower Upper
43 100
61 1.3 20.7 31.1#
87 0.0 9.8 14.8#

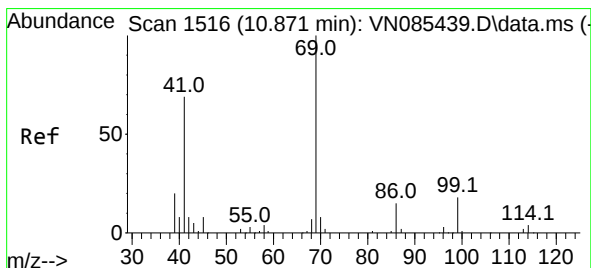
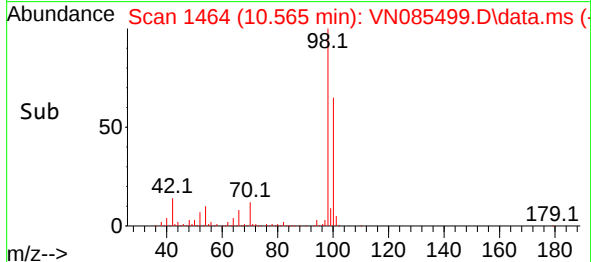
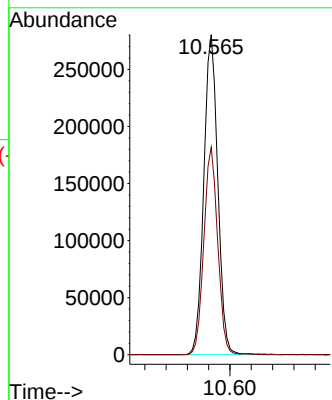
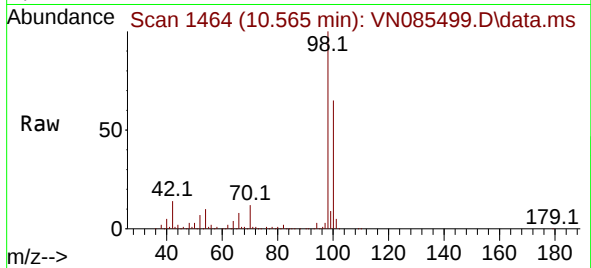




#50
Toluene-d8
Concen: 50.443 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

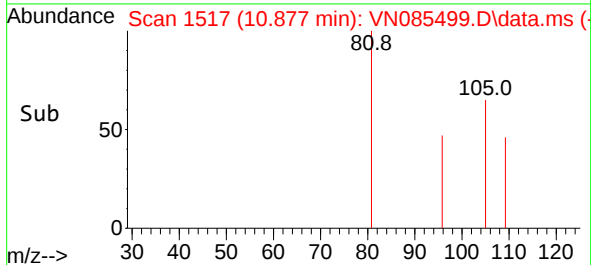
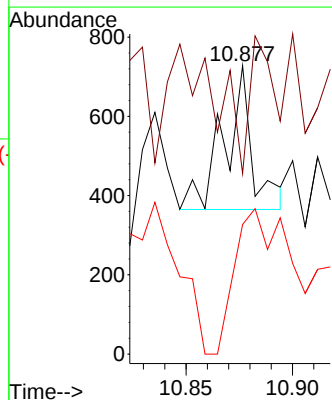
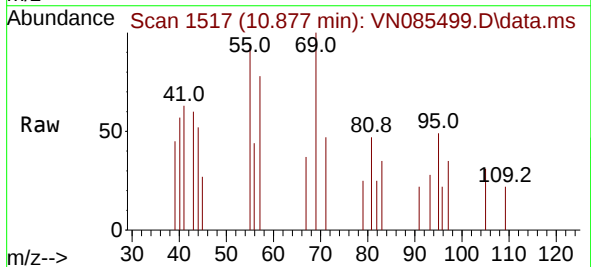
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

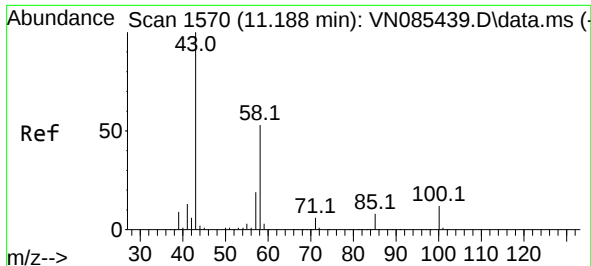
Tgt Ion: 98 Resp: 510524
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 2.000 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 69 Resp: 332
Ion Ratio Lower Upper
69 100
41 80.7 54.6 82.0
39 196.4 32.4 48.6#

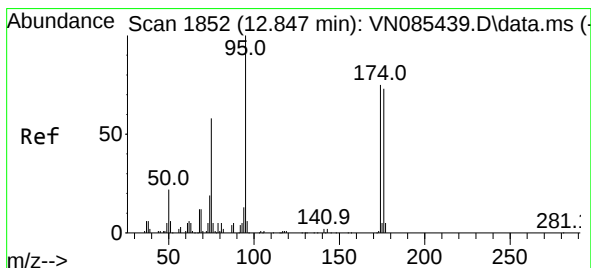
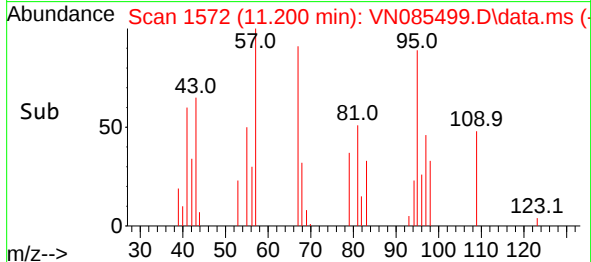
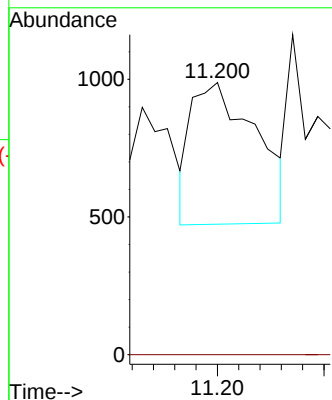
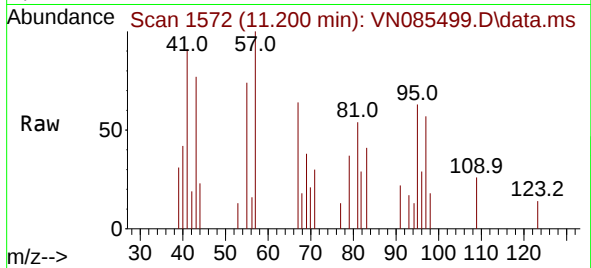




#59
2-Hexanone
Concen: 0.412 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

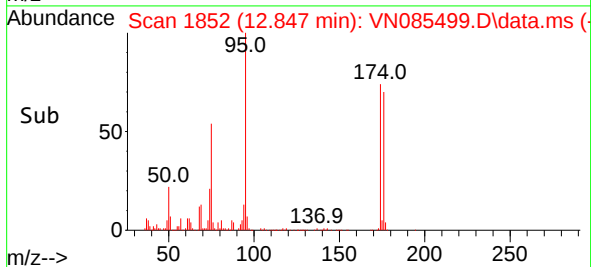
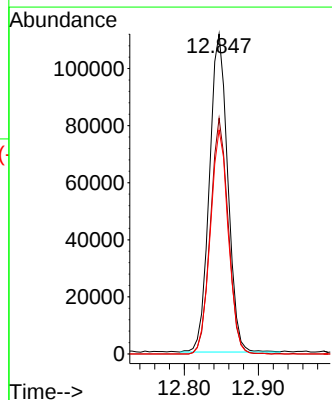
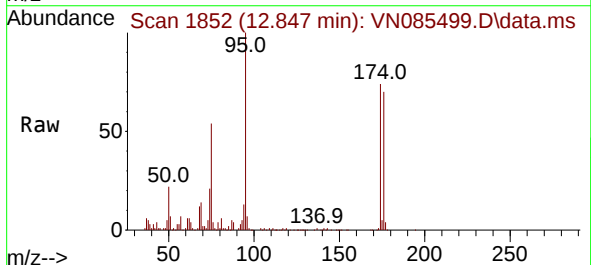
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

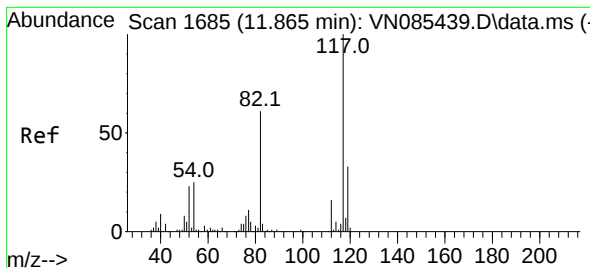
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 55.312 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 95 Resp: 191495
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 69.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

FILTER CAKE

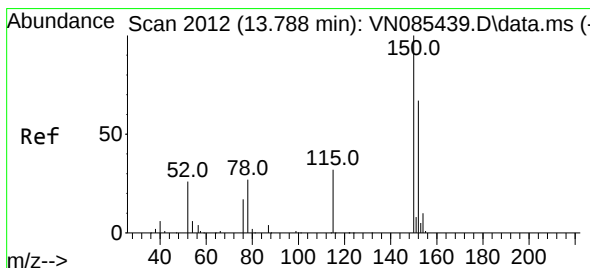
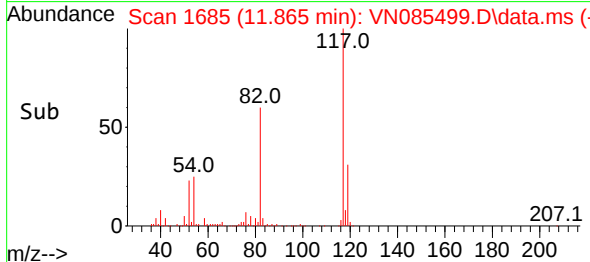
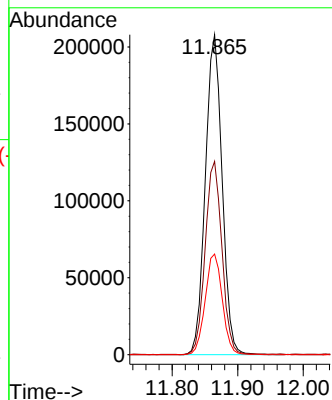
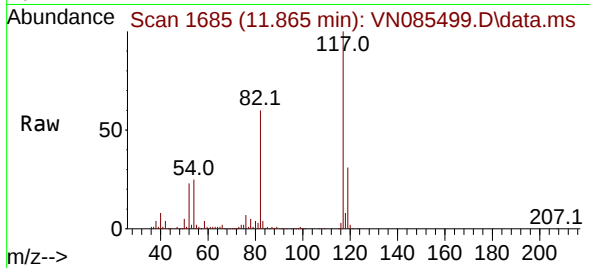
Tgt Ion:117 Resp: 370082

Ion Ratio Lower Upper

117 100

82 60.4 48.6 72.8

119 31.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085499.D

Acq: 17 Jan 2025 17:36

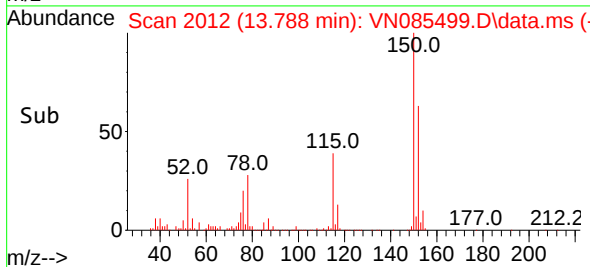
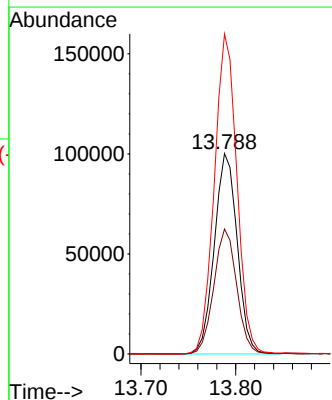
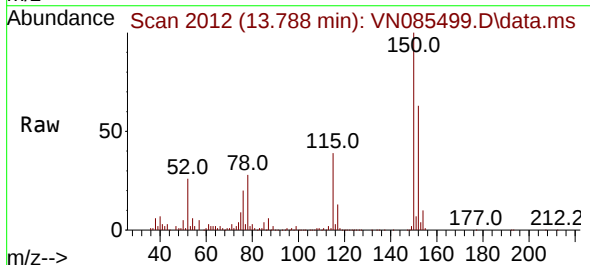
Tgt Ion:152 Resp: 168430

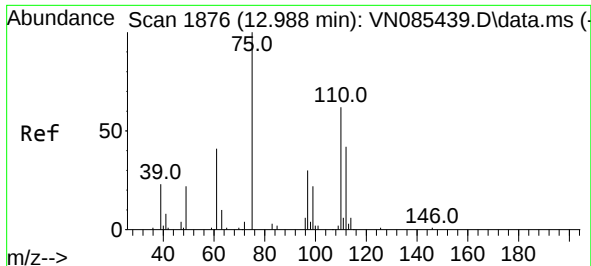
Ion Ratio Lower Upper

152 100

115 62.4 31.1 93.3

150 157.3 0.0 343.6

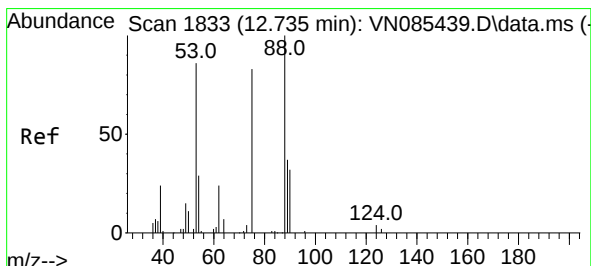
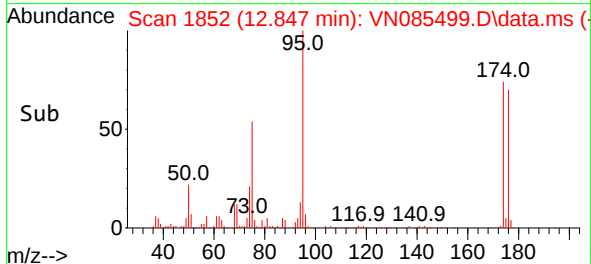
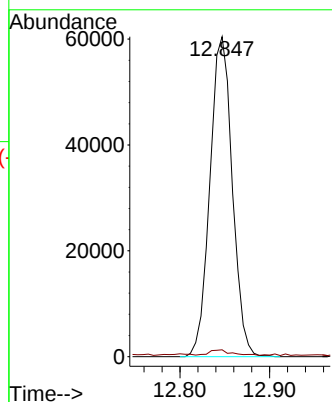
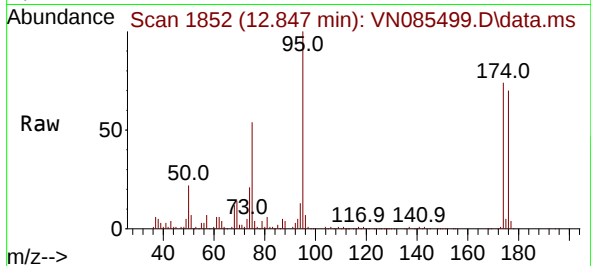




#76
1,2,3-Trichloropropane
Concen: 30.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Tgt Ion: 75 Resp: 104736
Ion Ratio Lower Upper
75 100
77 1.8 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.775 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:36

Tgt Ion: 75 Resp: 104736
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

