

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085535.D
 Acq On : 28 Jan 2025 13:49
 Operator : JC\MD
 Sample : Q1199-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-EB-20250124

Quant Time: Jan 29 00:38:47 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)

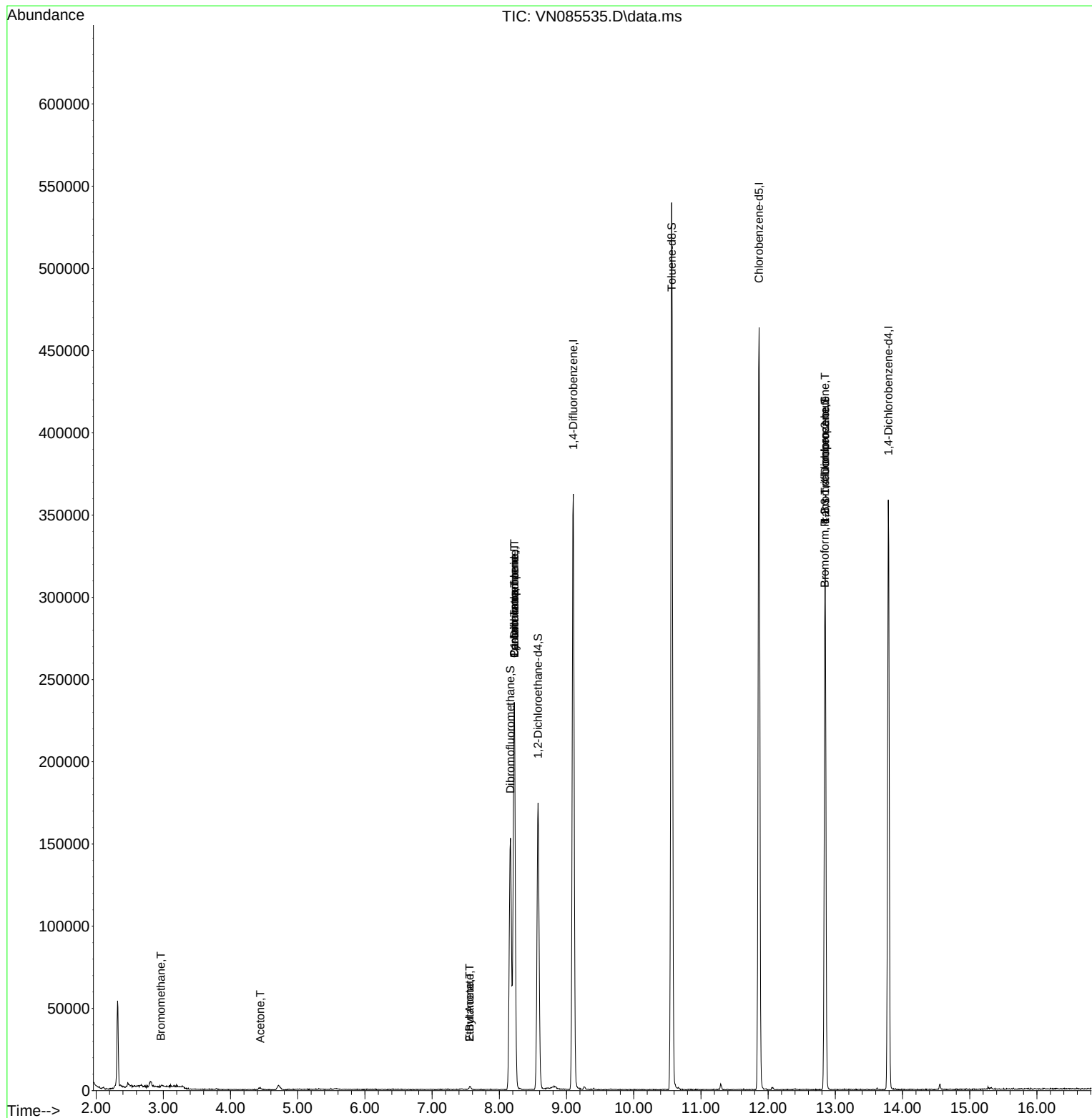
Internal Standards						
1) Pentafluorobenzene	8.224	168	158329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144816	56.663	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.320%			
35) Dibromofluoromethane	8.165	113	109419	53.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	10.565	98	357973	49.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.940%			
62) 4-Bromofluorobenzene	12.847	95	107196	43.305	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.620%			
Target Compounds						Qvalue
5) Bromomethane	2.965	94	643	0.456	ug/l #	76
16) Acetone	4.442	43	2230	2.700	ug/l	93
25) 2-Butanone	7.559	43	3260	2.683	ug/l #	50
31) Cyclohexane	8.224	56	4493	1.385	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	15602	5.458	ug/l #	52
37) Ethyl Acetate	7.559	43	3260	1.130	ug/l #	83
38) Carbon Tetrachloride	8.224	117	17354	5.303	ug/l #	18
71) Bromoform	12.841	173	575	0.398	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58072	30.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58072	83.416	ug/l #	3

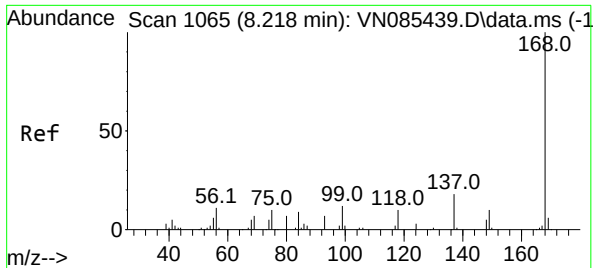
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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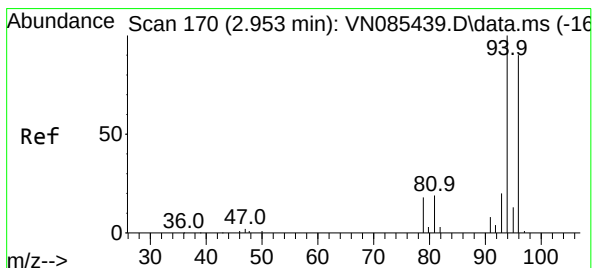
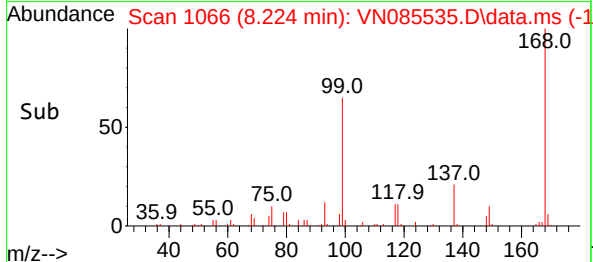
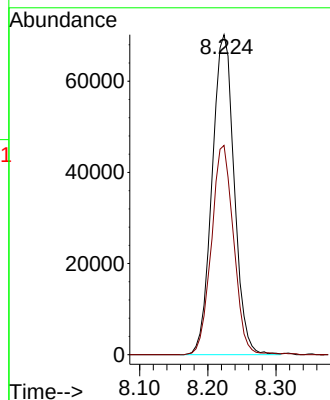
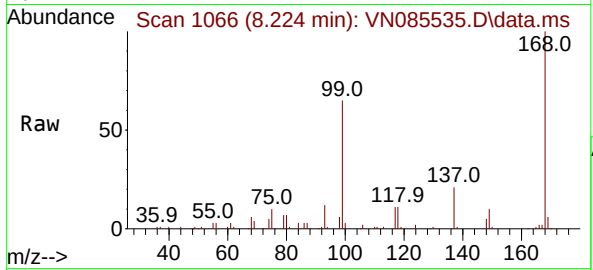




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

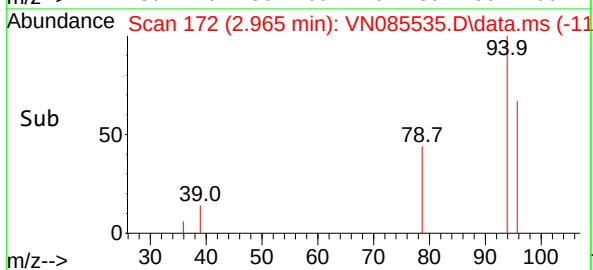
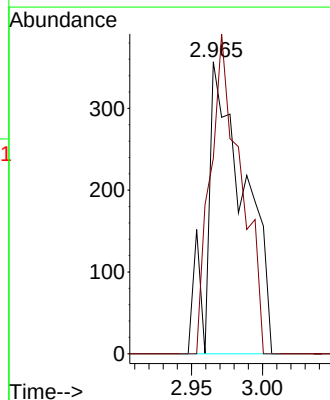
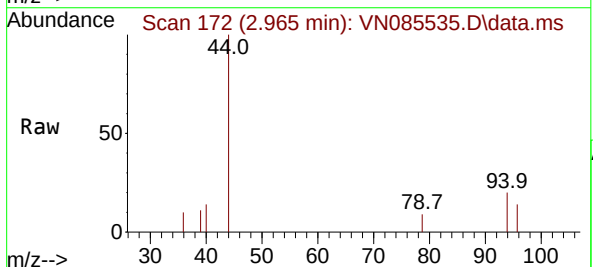
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-EB-20250124

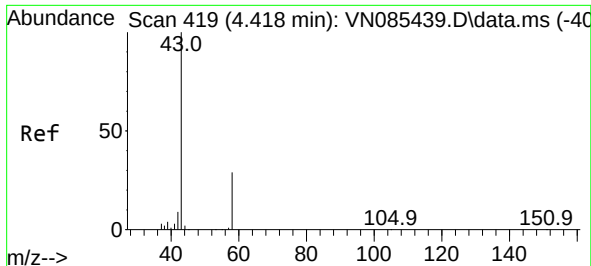
Tgt Ion:168 Resp: 158329
Ion Ratio Lower Upper
168 100
99 65.4 53.6 80.4



#5
Bromomethane
Concen: 0.456 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 66.9 71.8 107.6#

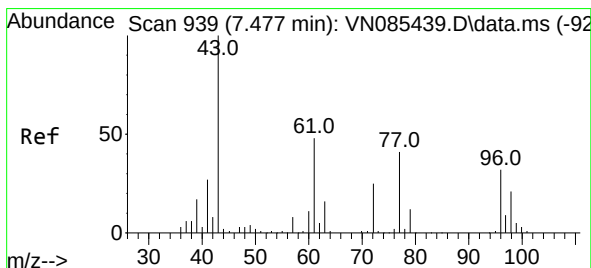
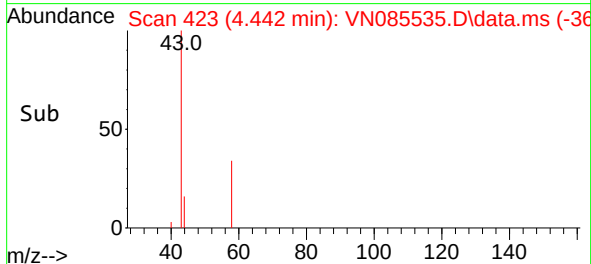
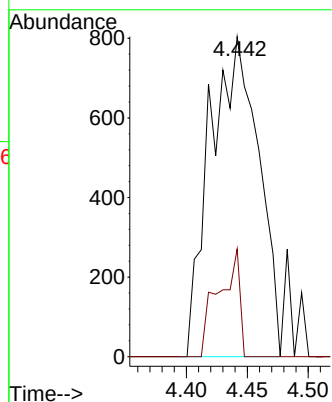
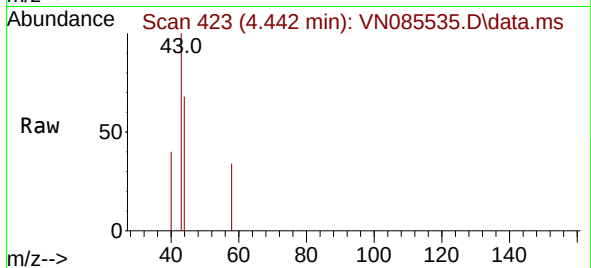




#16
Acetone
Concen: 2.700 ug/l
RT: 4.442 min Scan# 419
Delta R.T. 0.024 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

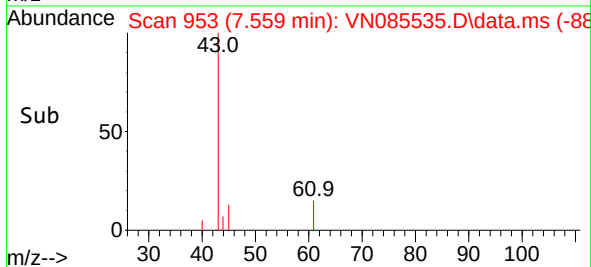
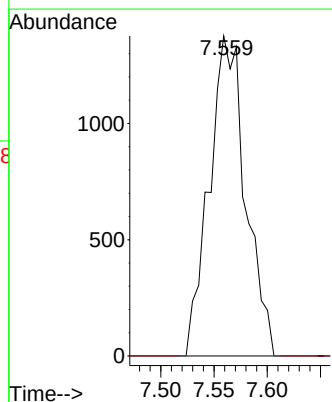
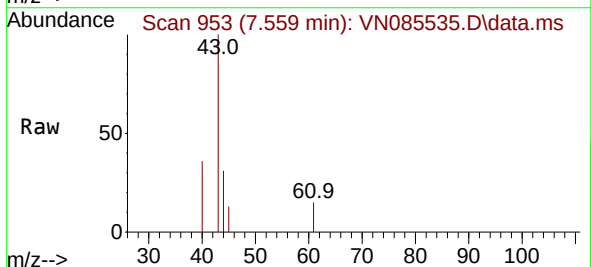
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-EB-20250124

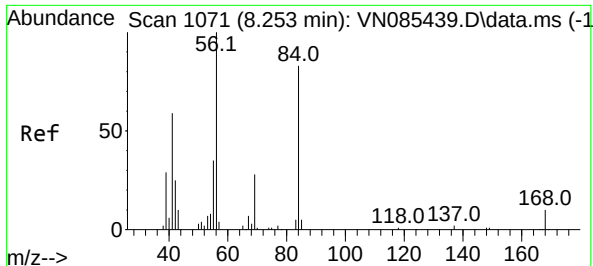
Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
58 33.7 23.8 35.6



#25
2-Butanone
Concen: 2.683 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.082 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

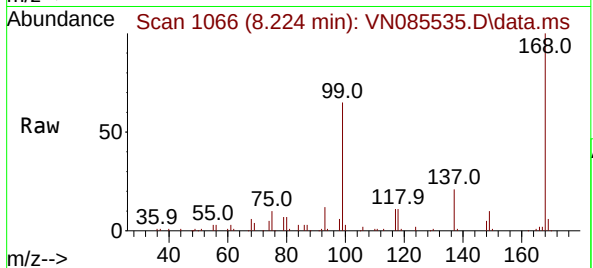
Tgt Ion: 43 Resp: 3260
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#



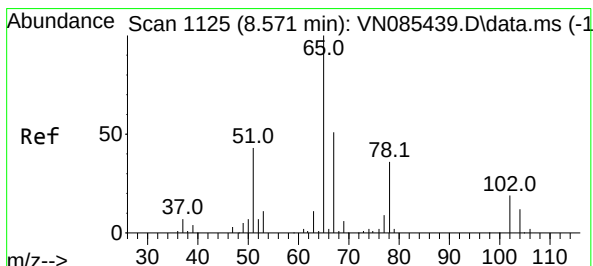
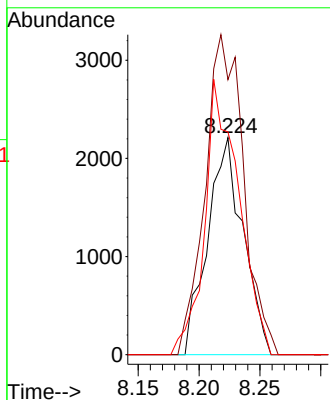
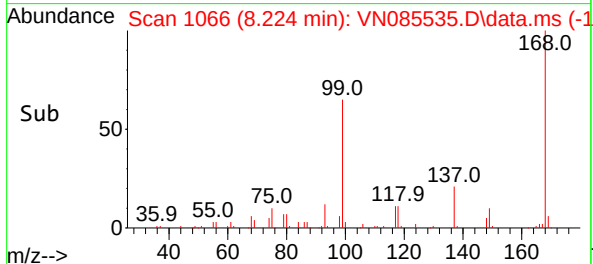


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-EB-20250124

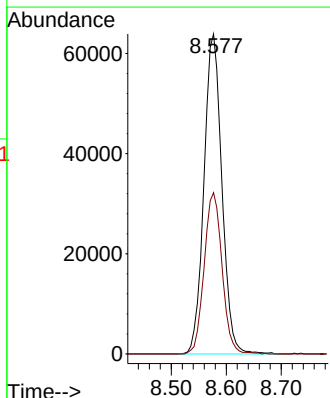
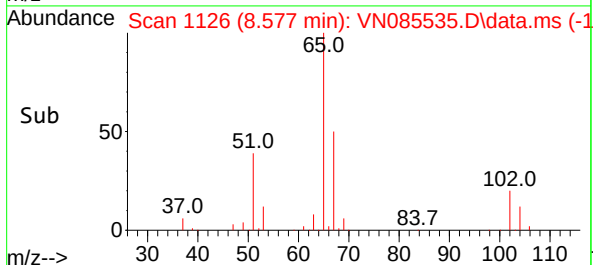
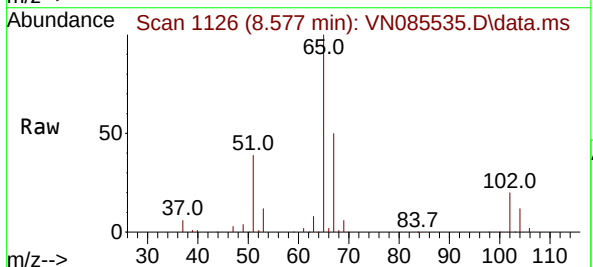


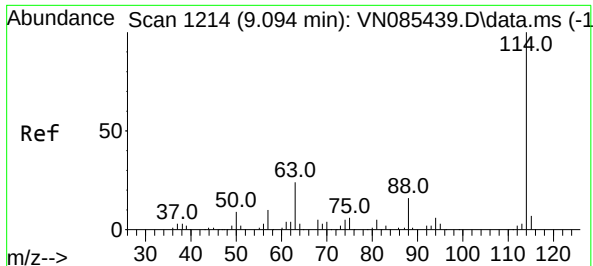
Tgt Ion: 56 Resp: 4493
Ion Ratio Lower Upper
56 100
69 126.7 22.2 33.4#
84 102.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.663 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Tgt Ion: 65 Resp: 144816
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-EB-20250124

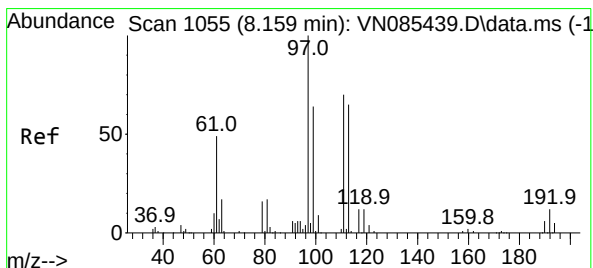
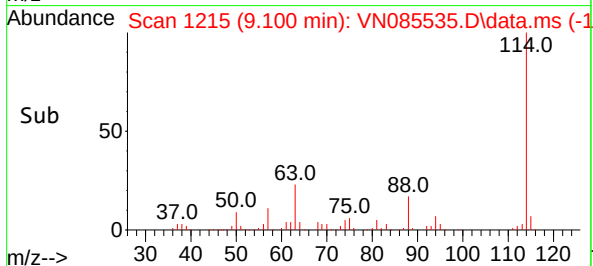
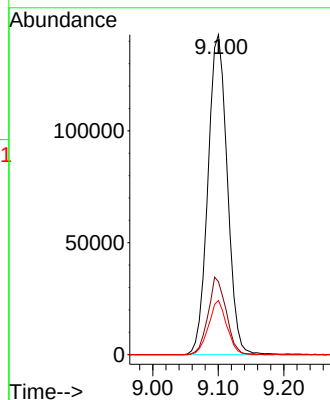
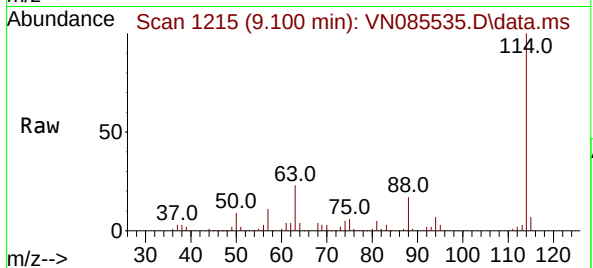
Tgt Ion:114 Resp: 293573

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.724 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

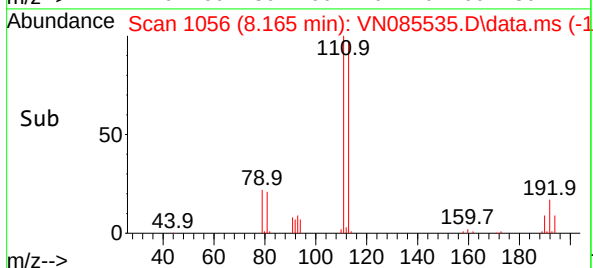
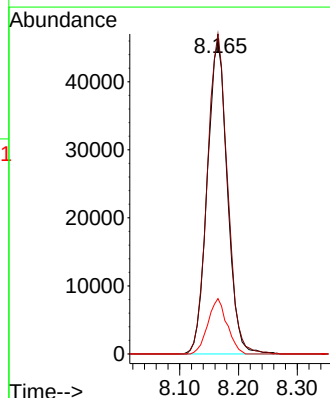
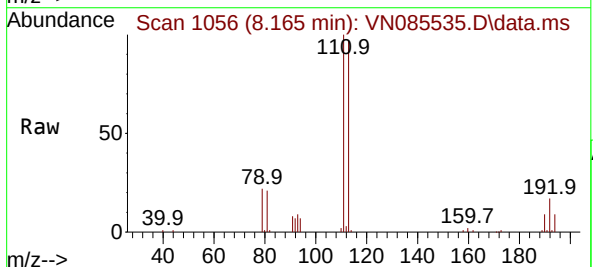
Tgt Ion:113 Resp: 109419

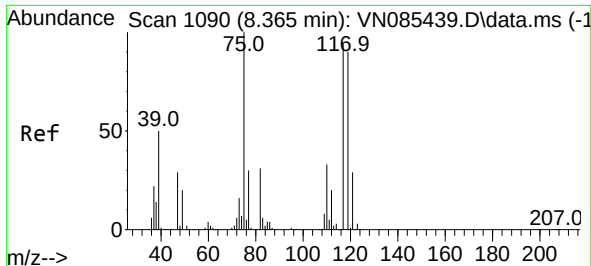
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 16.8 14.3 21.5

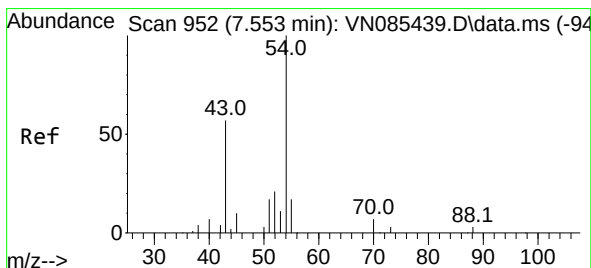
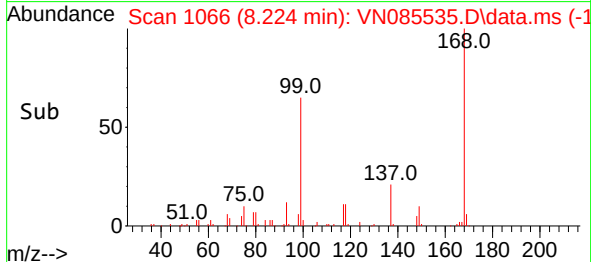
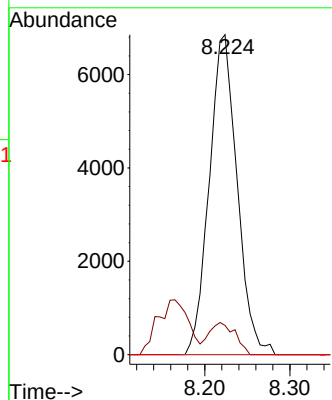
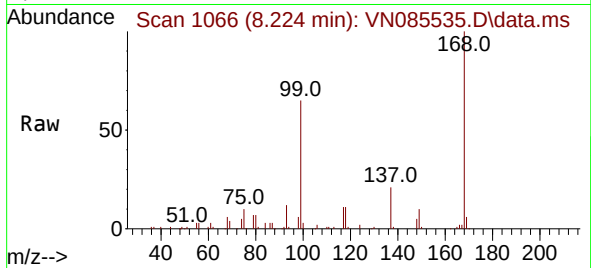




#36
1,1-Dichloropropene
Concen: 5.458 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

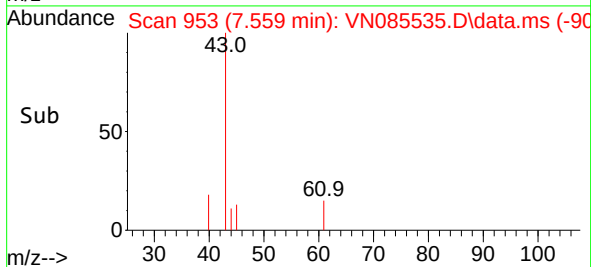
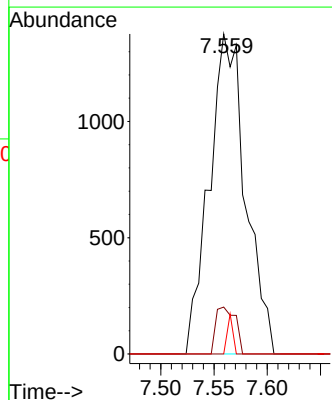
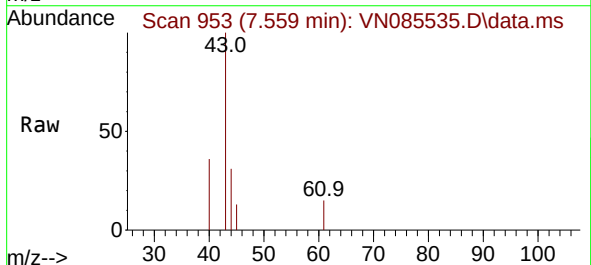
Instrument :
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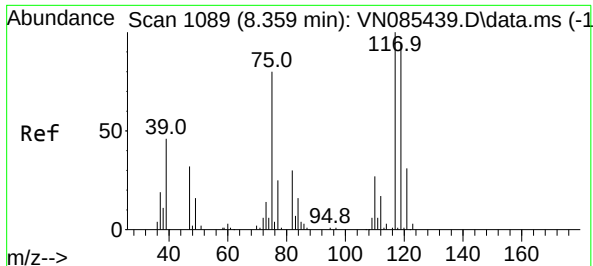
Tgt Ion: 75 Resp: 15602
Ion Ratio Lower Upper
75 100
110 9.5 16.5 49.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.130 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

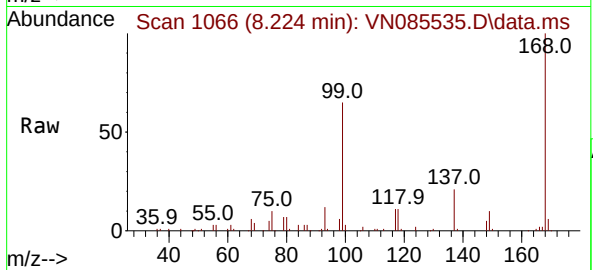
Tgt Ion: 43 Resp: 3260
Ion Ratio Lower Upper
43 100
61 7.9 10.9 16.3#
70 1.9 7.5 11.3#



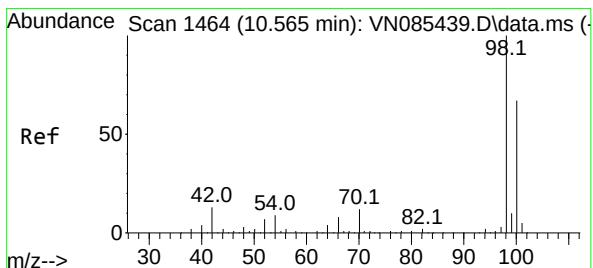
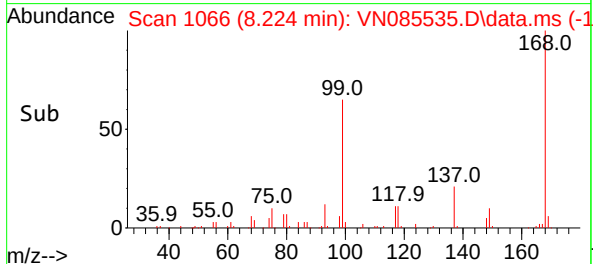
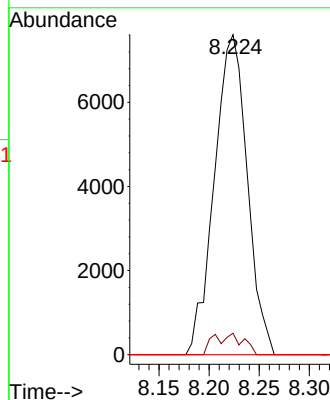


#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Instrument :
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ClientSampleId :
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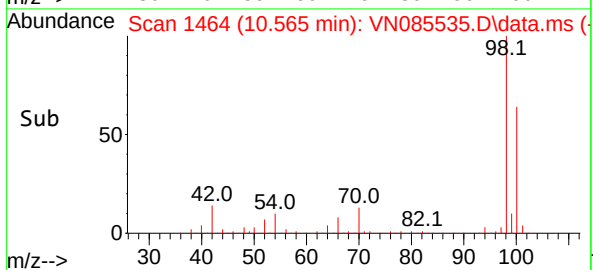
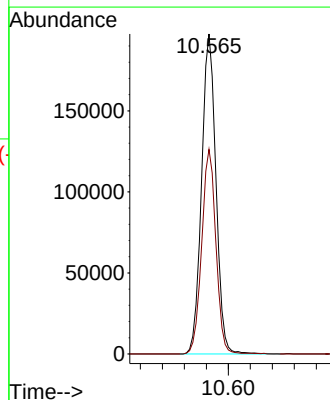
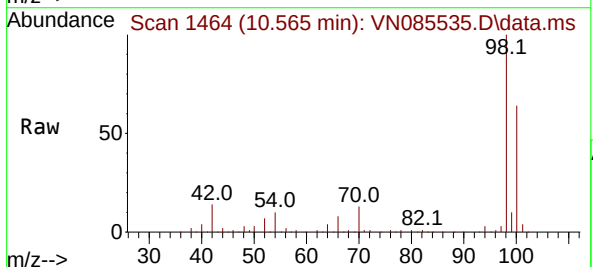


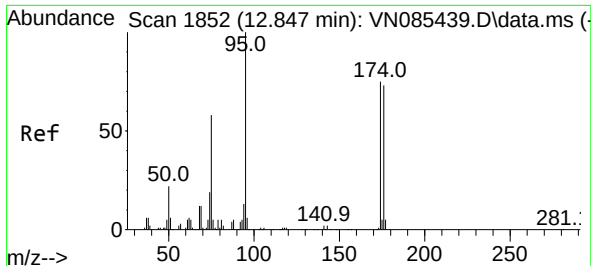
Tgt Ion:117 Resp: 17354
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.469 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Tgt Ion: 98 Resp: 357973
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 43.305 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-EB-20250124

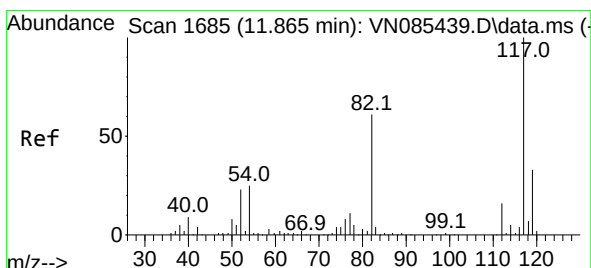
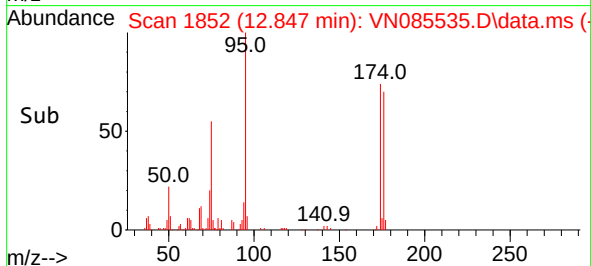
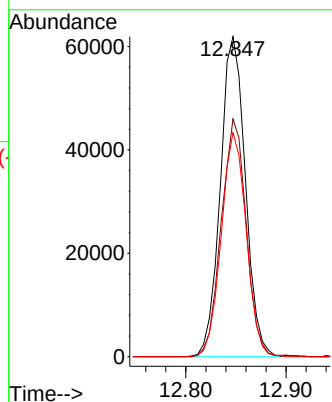
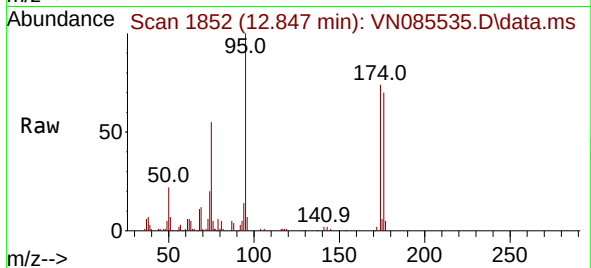
Tgt Ion: 95 Resp: 107196

Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.0

176 69.7 0.0 142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

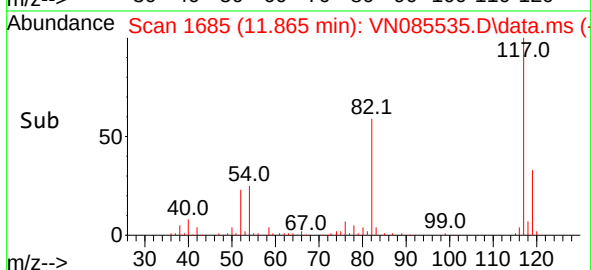
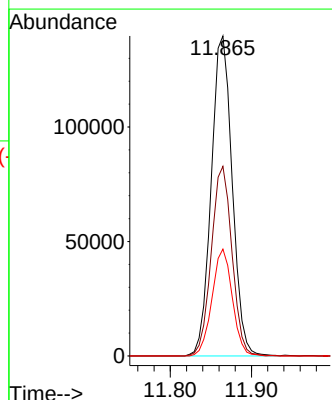
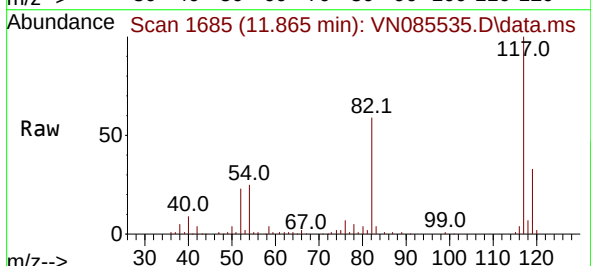
Tgt Ion: 117 Resp: 250987

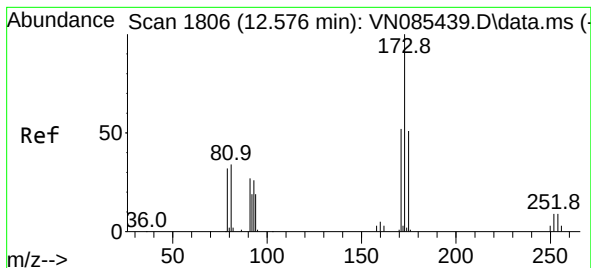
Ion Ratio Lower Upper

117 100

82 59.3 48.6 72.8

119 33.4 26.6 39.8





#71

Bromoform

Concen: 0.398 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

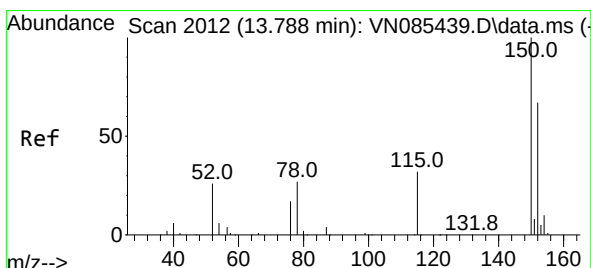
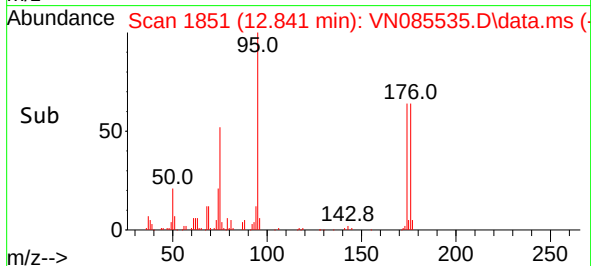
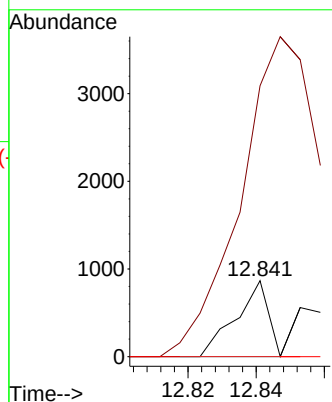
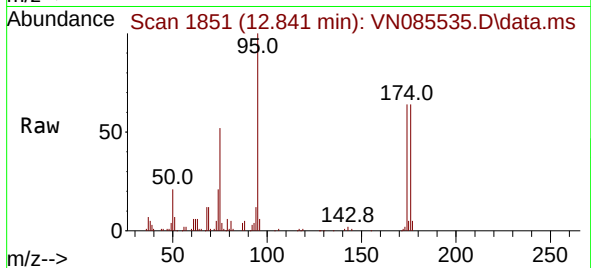
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-EB-20250124

Tgt Ion:	173	Resp:	575
Ion Ratio	Lower	Upper	
173	100		
175	826.8	24.4	73.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

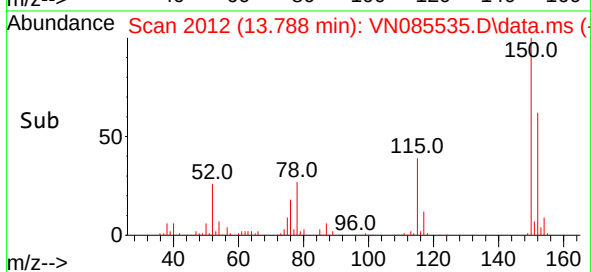
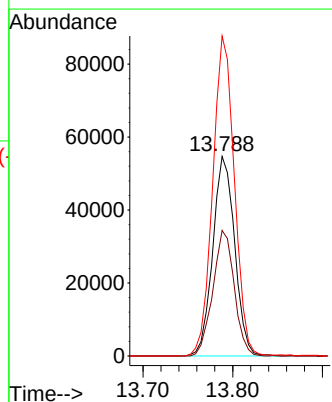
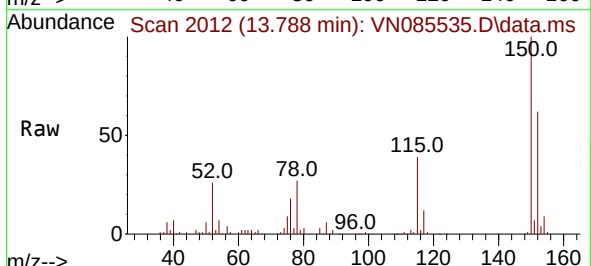
RT: 13.788 min Scan# 1212

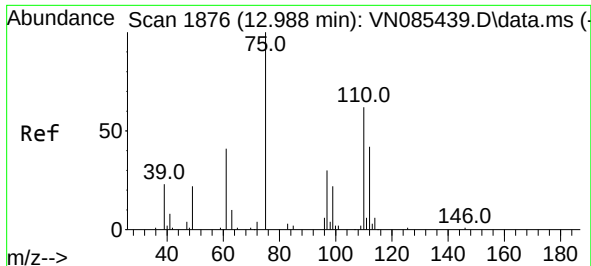
Delta R.T. 0.000 min

Lab File: VN085535.D

Acq: 28 Jan 2025 13:49

Tgt Ion:	152	Resp:	92670
Ion Ratio	Lower	Upper	
152	100		
115	61.4	31.1	93.3
150	158.3	0.0	343.6

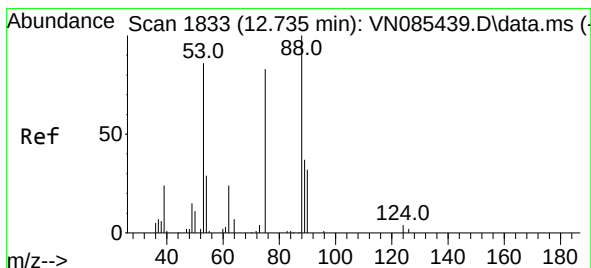
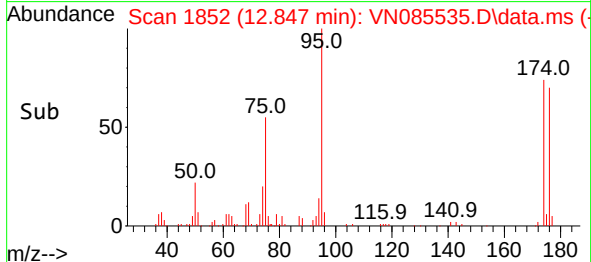
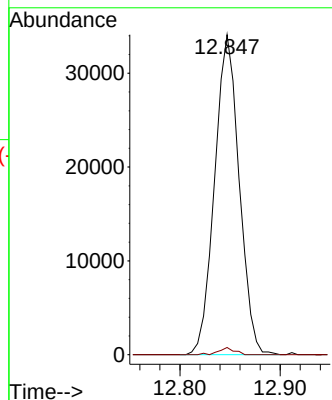
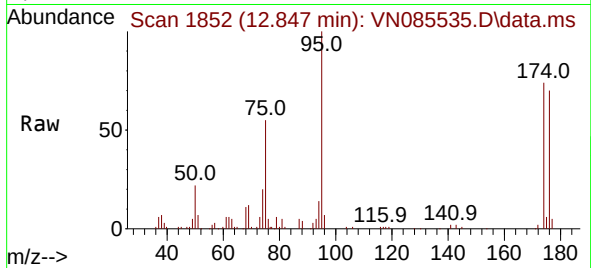




#76
1,2,3-Trichloropropane
Concen: 30.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Instrument : MSVOA_N
ClientSampleId : BP-VPB-192-EB-20250124

Tgt Ion: 75 Resp: 58072
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085535.D
Acq: 28 Jan 2025 13:49

Tgt Ion: 75 Resp: 58072
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#

