

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087005.D
 Acq On : 13 Jun 2025 16:34
 Operator : JC\MD
 Sample : Q2314-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-880-882

Quant Time: Jun 14 00:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

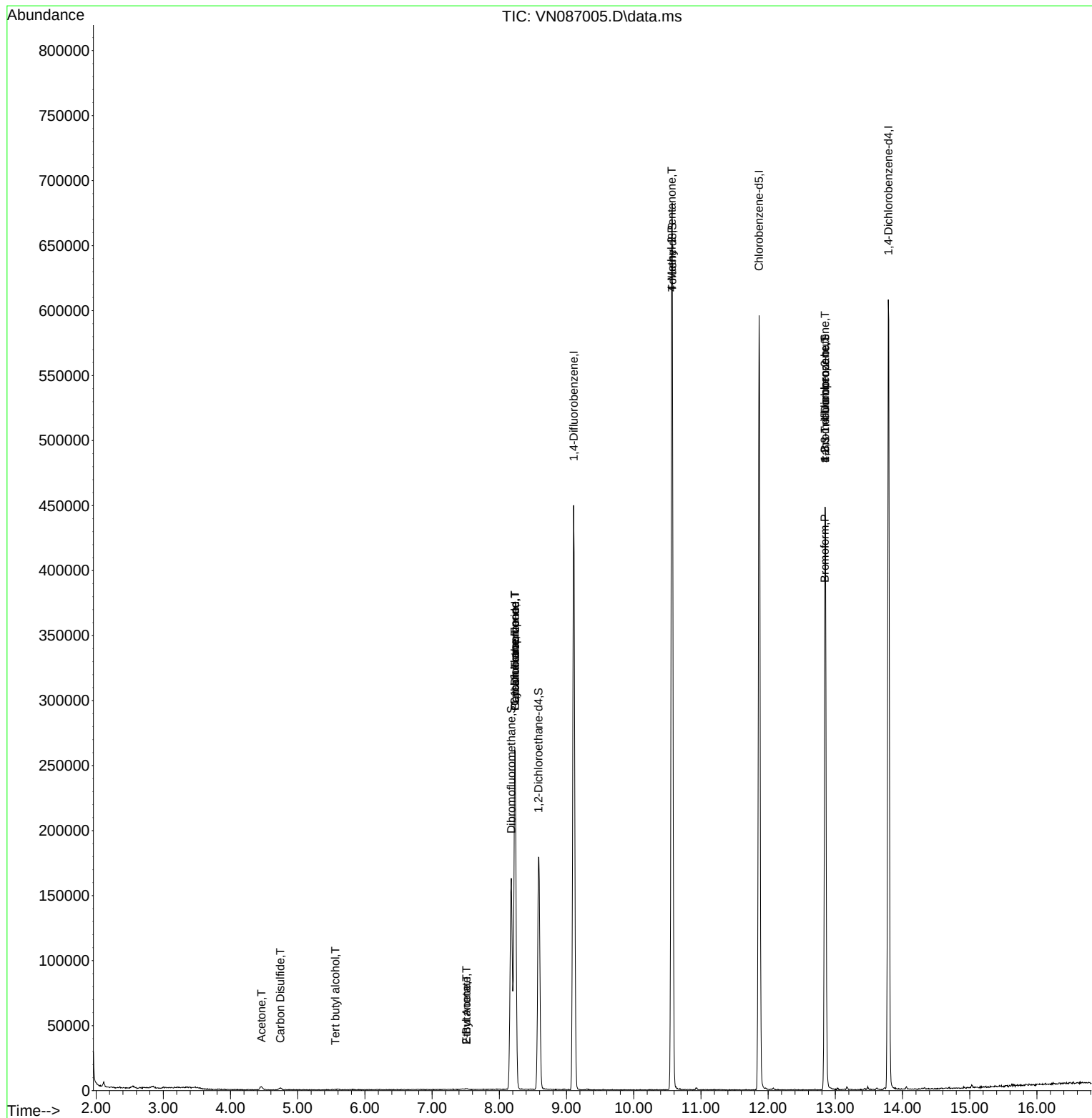
Internal Standards						
1) Pentafluorobenzene	8.236	168	207419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149117	53.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.400%		
35) Dibromofluoromethane	8.177	113	125324	50.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.060%		
50) Toluene-d8	10.571	98	507804	51.717	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 103.440%		
62) 4-Bromofluorobenzene	12.847	95	182551	50.041	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 100.080%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.559	59	282	0.374	ug/l #	73
16) Acetone	4.459	43	4987	3.386	ug/l #	78
17) Carbon Disulfide	4.742	76	1477	0.231	ug/l #	75
25) 2-Butanone	7.512	43	1515	0.633	ug/l #	46
31) Cyclohexane	8.230	56	3951	0.877	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15620	4.226	ug/l #	48
37) Ethyl Acetate	7.512	43	1515	0.322	ug/l #	66
38) Carbon Tetrachloride	8.236	117	20186	5.563	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1703	0.375	ug/l #	1
71) Bromoform	12.841	173	1095	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84445	20.029	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84445	46.105	ug/l #	16

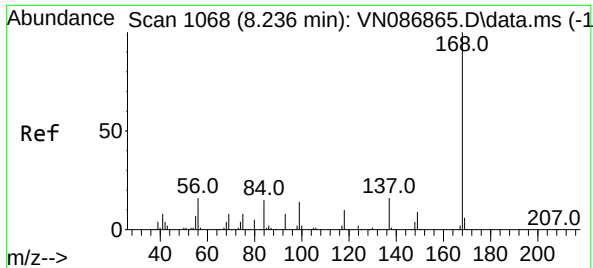
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
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BP-VPB-182-GW-880-882

Quant Time: Jun 14 00:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

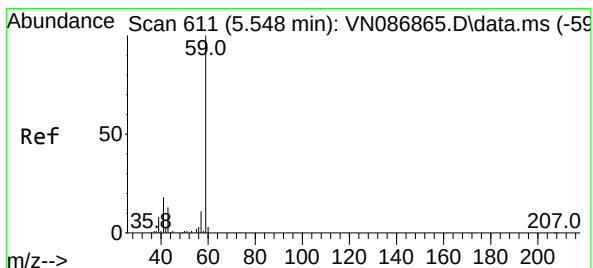
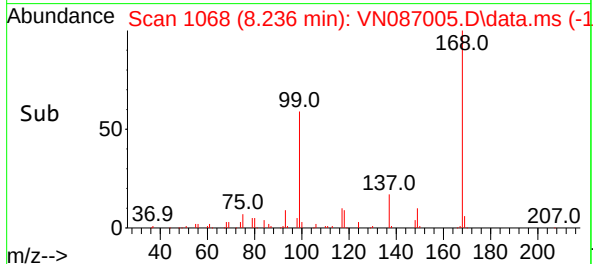
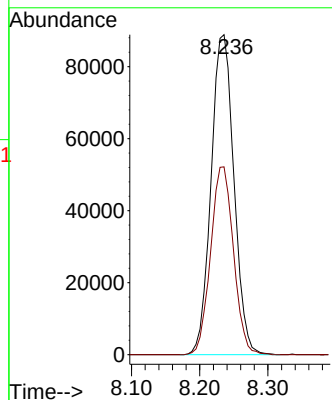
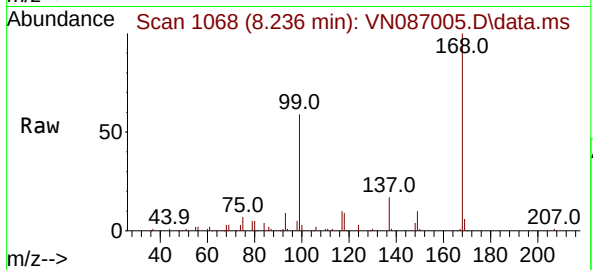




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

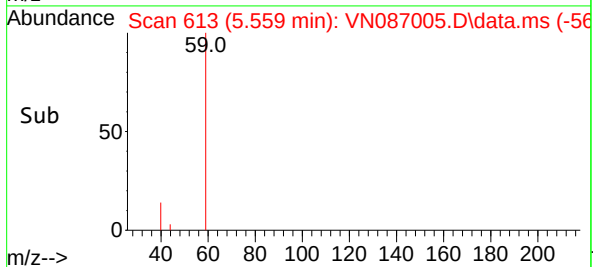
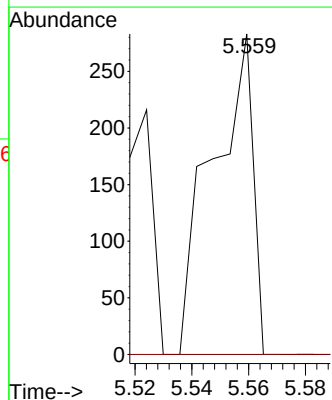
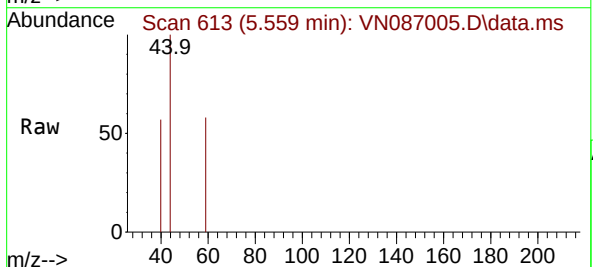
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

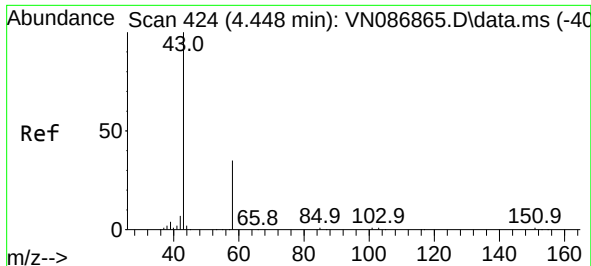
Tgt Ion:168 Resp: 207419
Ion Ratio Lower Upper
168 100
99 58.7 49.1 73.7



#11
Tert butyl alcohol
Concen: 0.374 ug/l
RT: 5.559 min Scan# 613
Delta R.T. 0.012 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

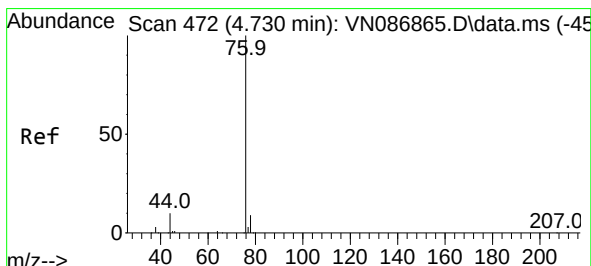
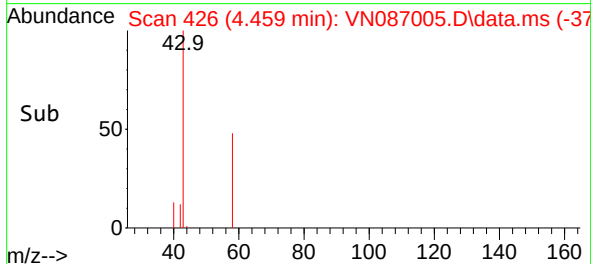
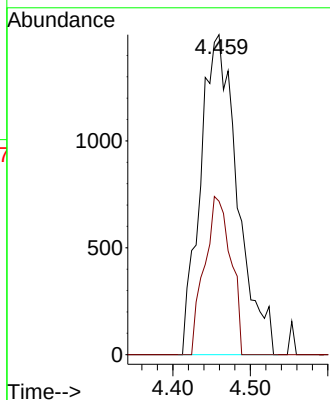
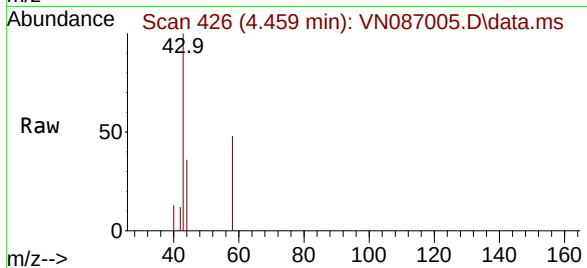




#16
Acetone
Concen: 3.386 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

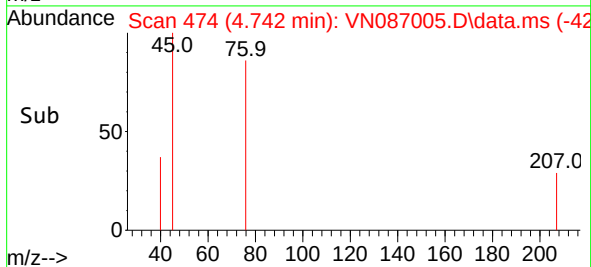
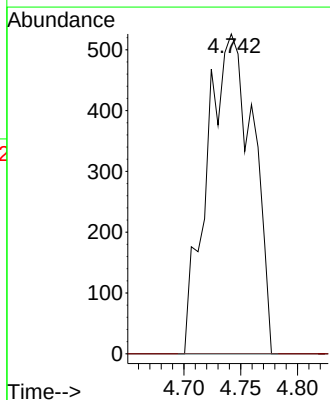
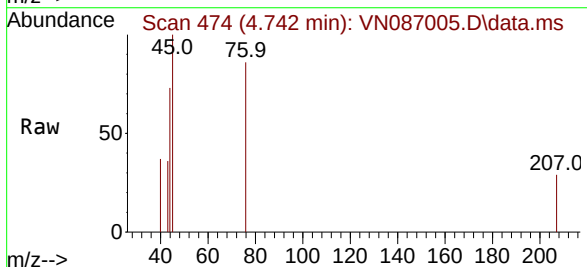
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

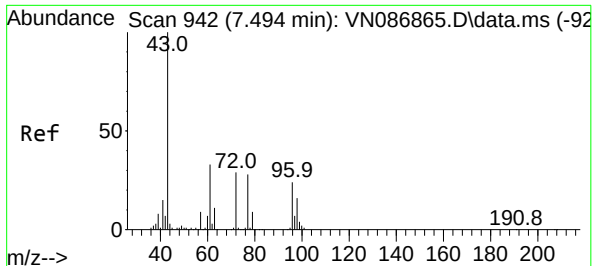
Tgt Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
58 48.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 76 Resp: 1477
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

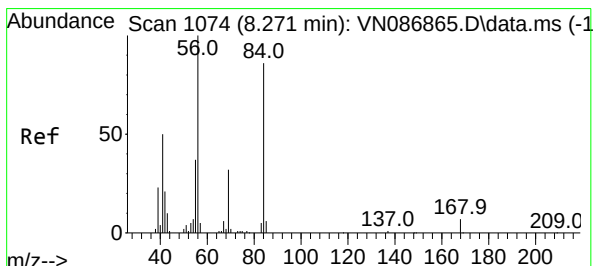
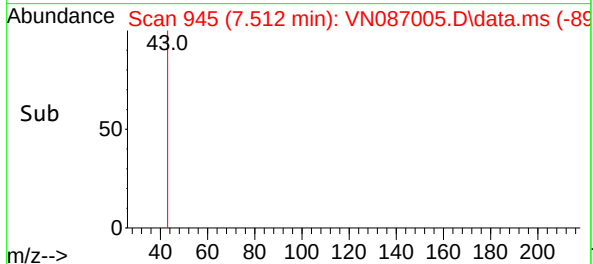
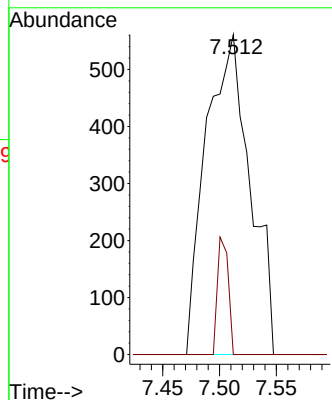
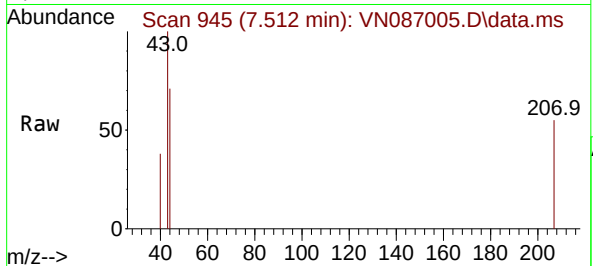




#25
2-Butanone
Concen: 0.633 ug/l
RT: 7.512 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

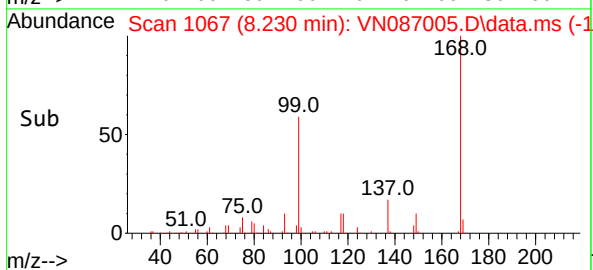
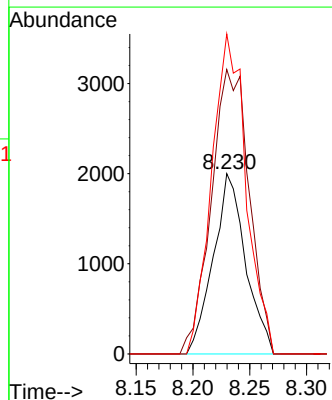
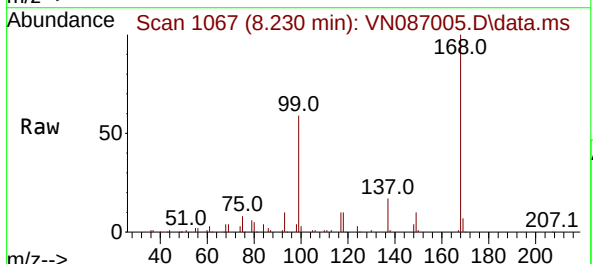
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

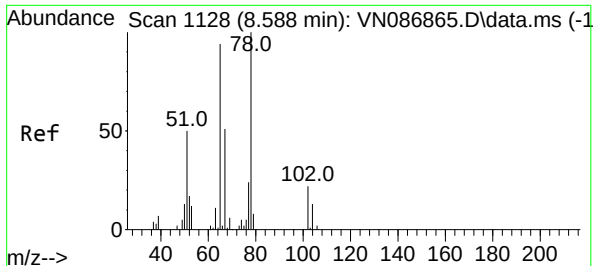
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



#31
Cyclohexane
Concen: 0.877 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 157.7 25.4 38.0#
84 177.4 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 53.695 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087005.D

Acq: 13 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

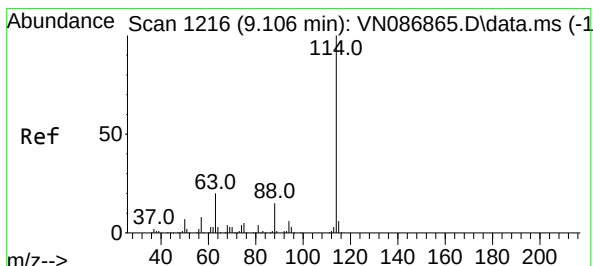
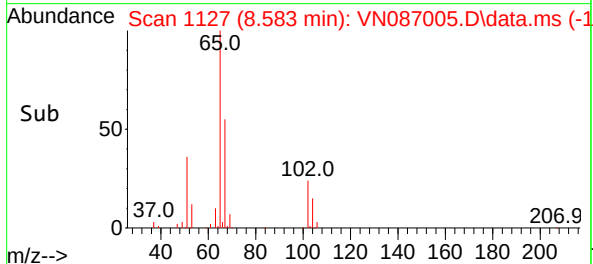
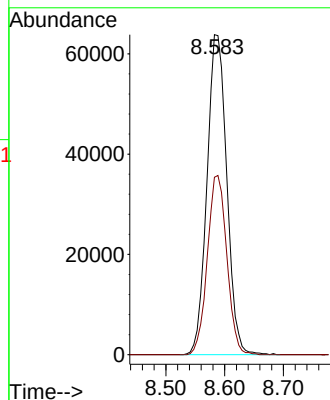
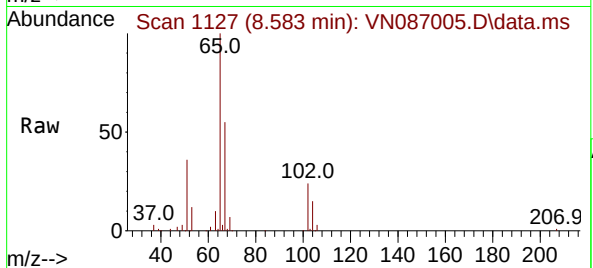
BP-VPB-182-GW-880-882

Tgt Ion: 65 Resp: 149117

Ion Ratio Lower Upper

65 100

67 55.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087005.D

Acq: 13 Jun 2025 16:34

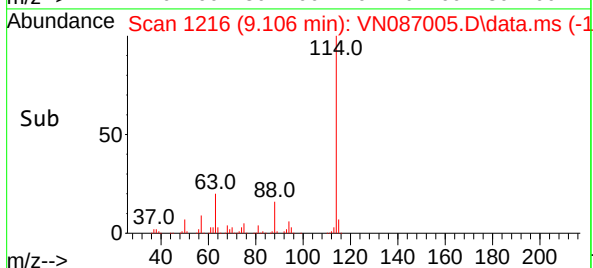
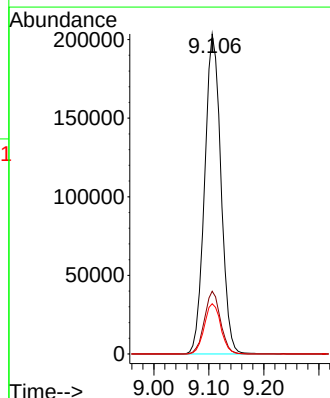
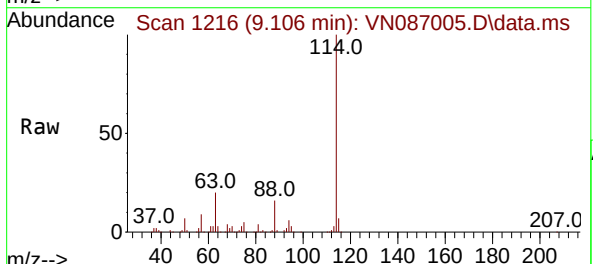
Tgt Ion:114 Resp: 418529

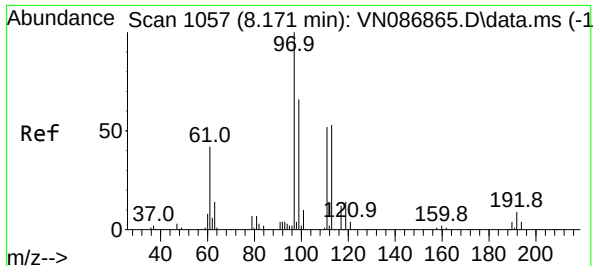
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.7 0.0 30.2

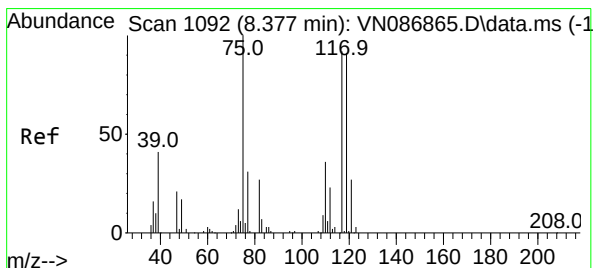
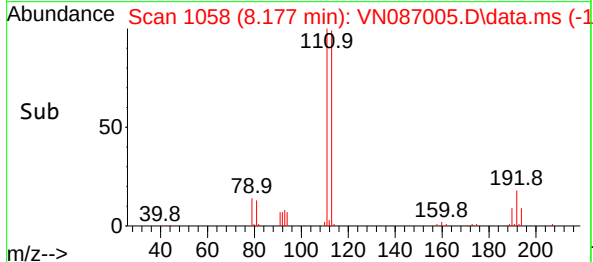
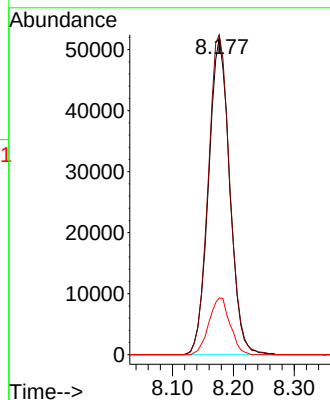
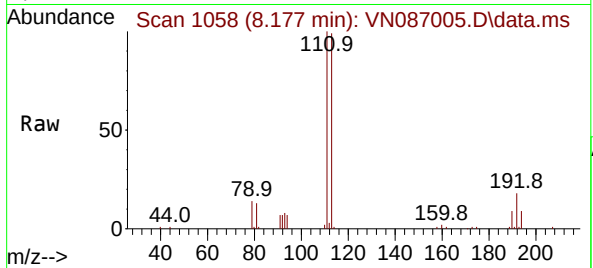




#35
Dibromofluoromethane
Concen: 50.528 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

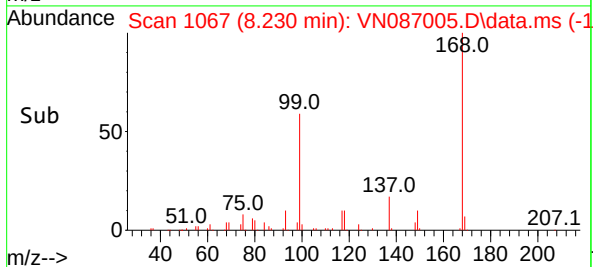
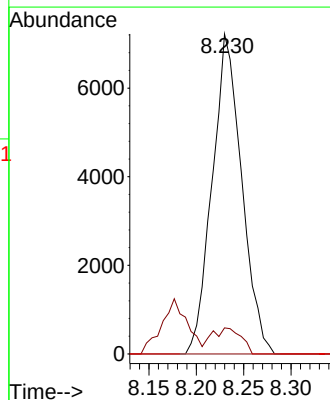
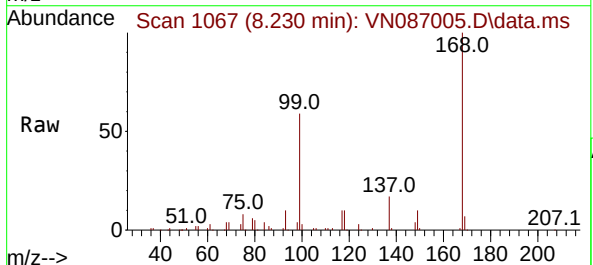
Instrument :
MSVOA_N
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BP-VPB-182-GW-880-882

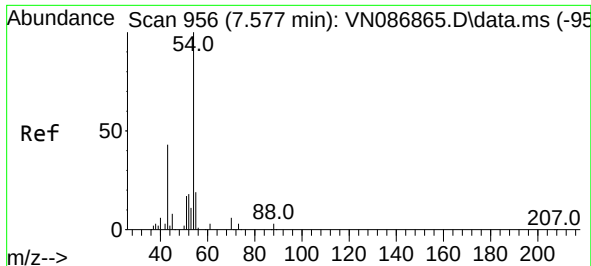
Tgt Ion:113 Resp: 125324
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.226 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 75 Resp: 15620
Ion Ratio Lower Upper
75 100
110 8.1 17.6 52.9#
77 0.0 25.3 37.9#

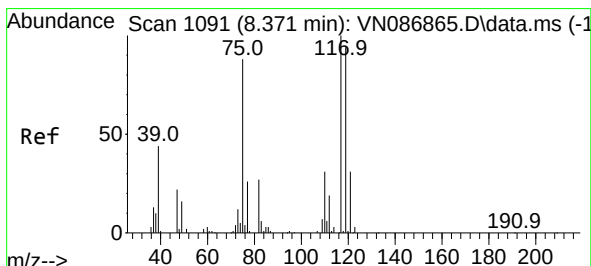
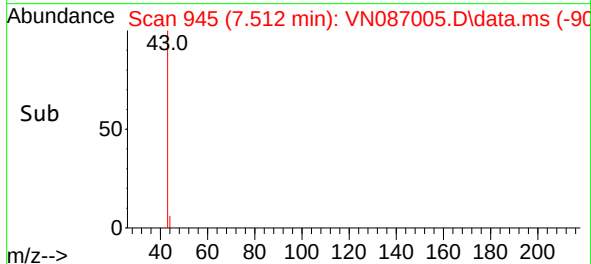
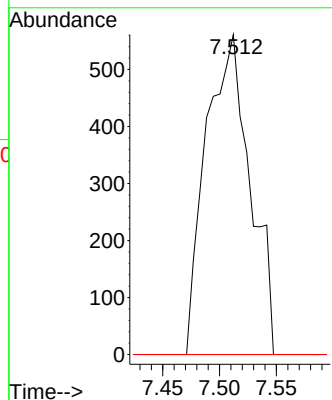
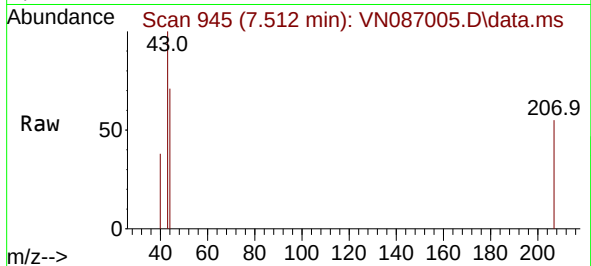




#37
Ethyl Acetate
Concen: 0.322 ug/l
RT: 7.512 min Scan# 945
Delta R.T. -0.065 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

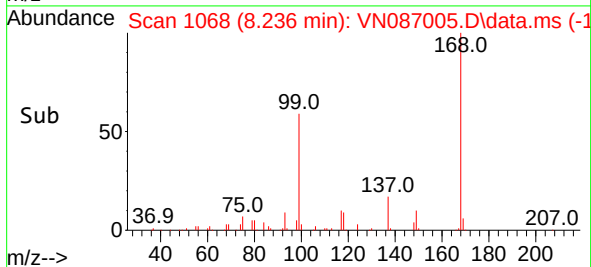
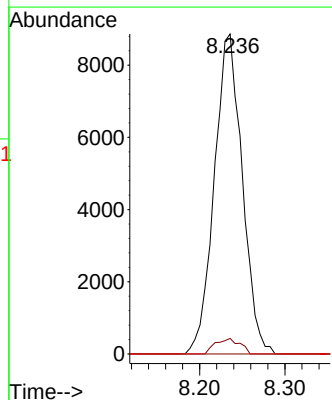
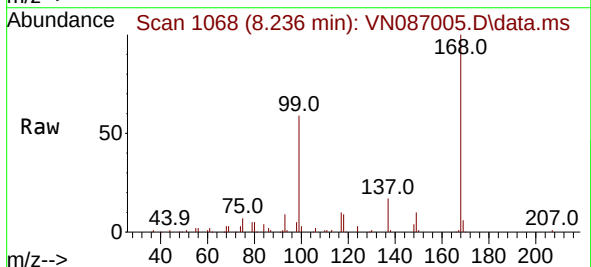
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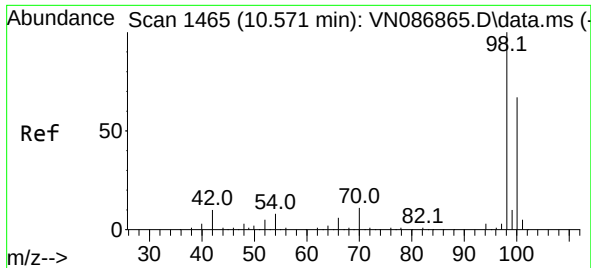
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 5.563 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 117 Resp: 20186
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.9 37.3#

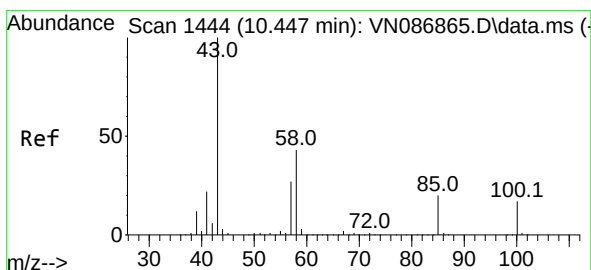
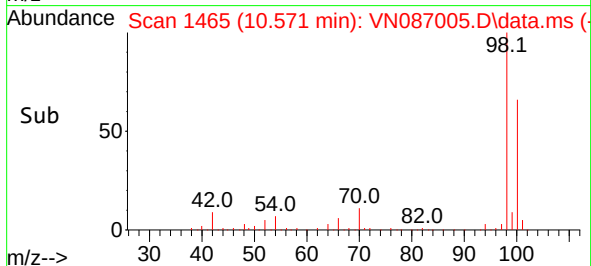
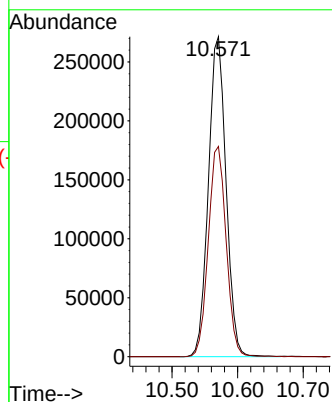
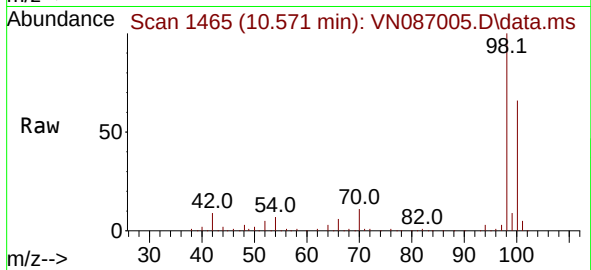




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

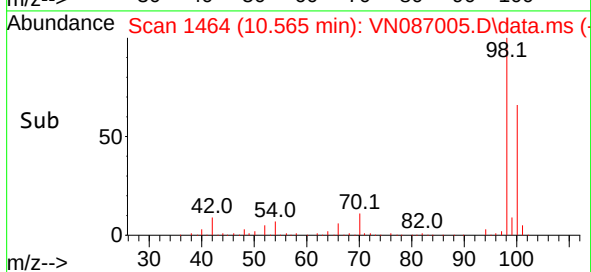
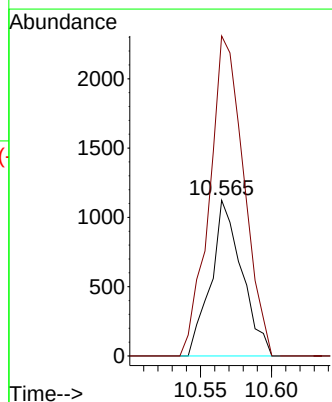
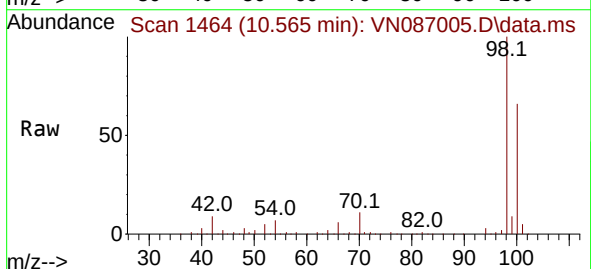
Instrument :
MSVOA_N
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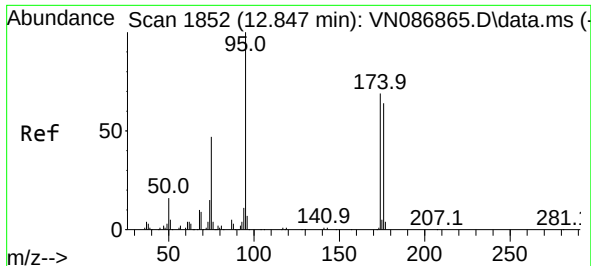
Tgt Ion: 98 Resp: 507804
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.375 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 228.4 34.2 51.4#

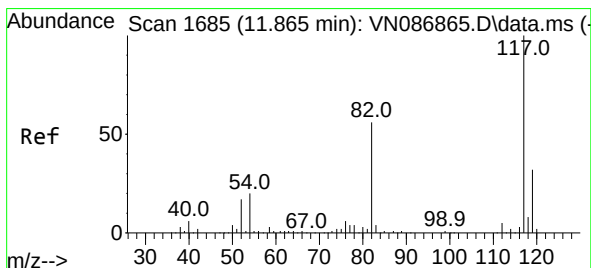
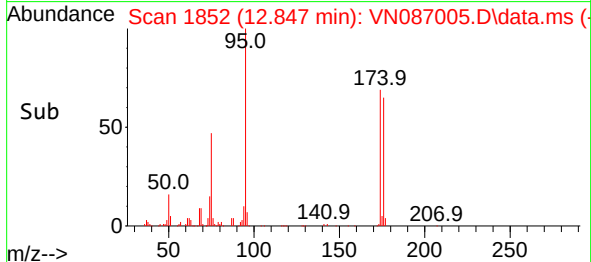
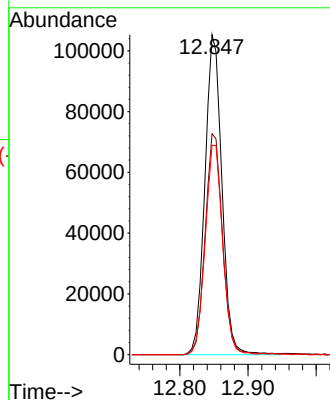
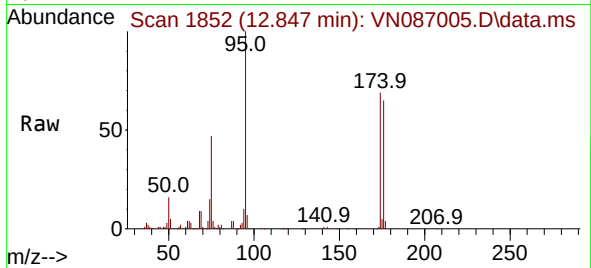




#62
4-Bromofluorobenzene
Concen: 50.041 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

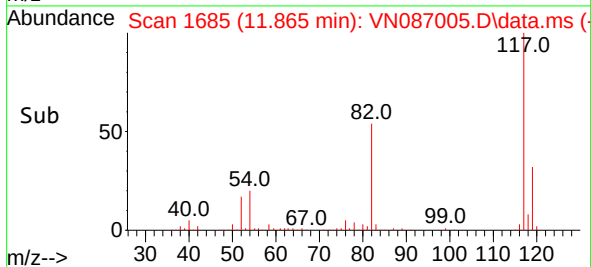
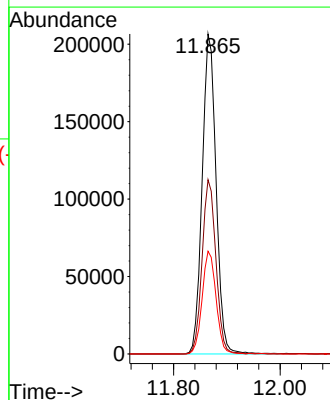
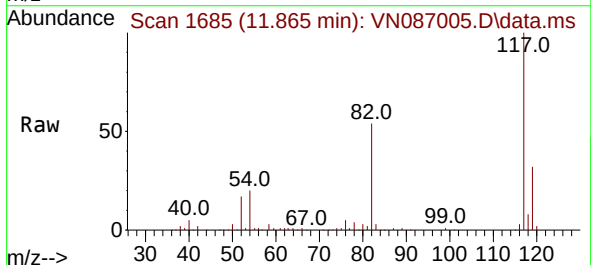
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

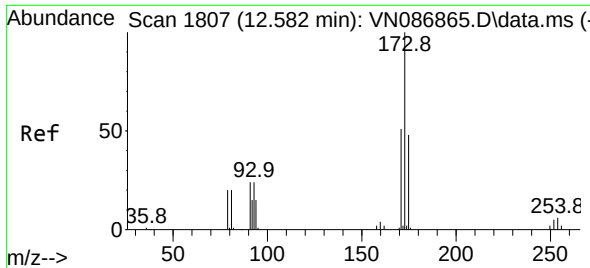
Tgt Ion: 95 Resp: 182551
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 67.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 117 Resp: 374011
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.1 25.5 38.3

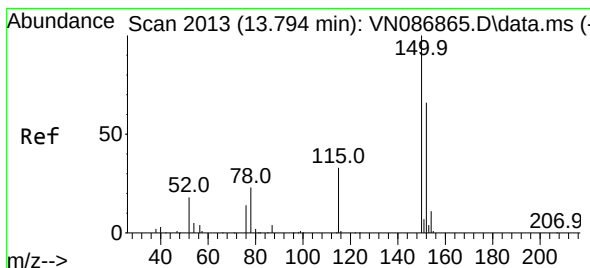
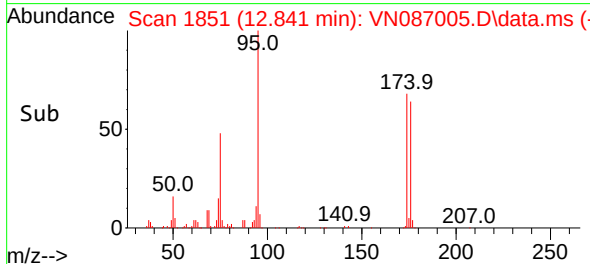
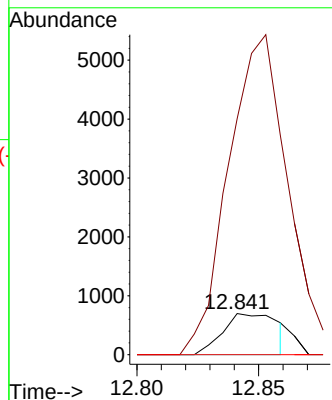
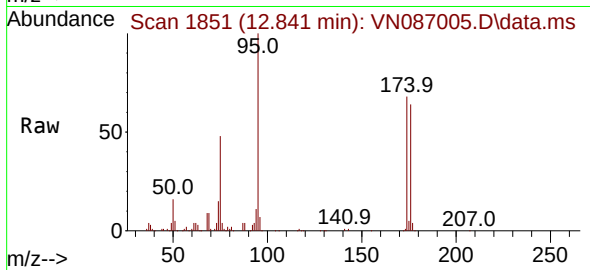




#71
Bromoform
Concen: 0.557 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

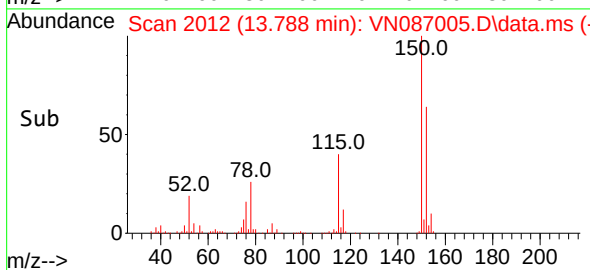
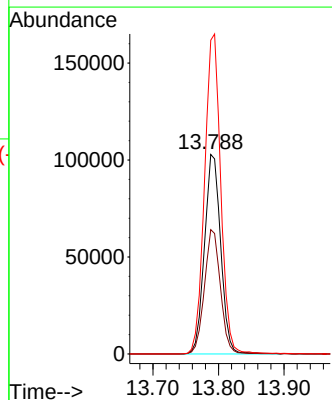
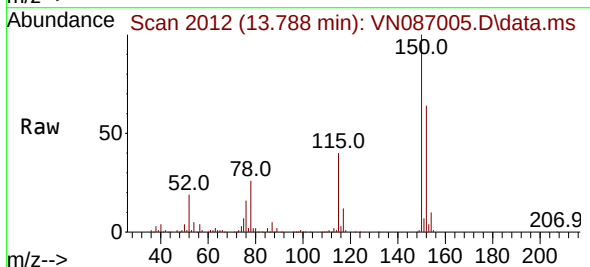
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

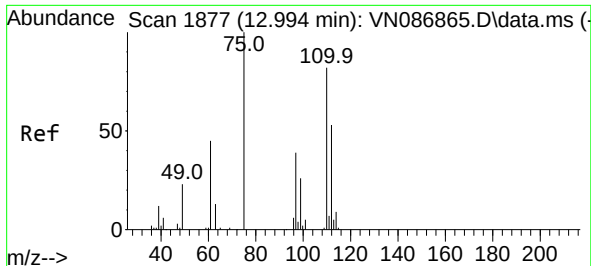
Tgt Ion:173 Resp: 1095
Ion Ratio Lower Upper
173 100
175 716.4 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion:152 Resp: 177372
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.5
150 160.1 0.0 345.0

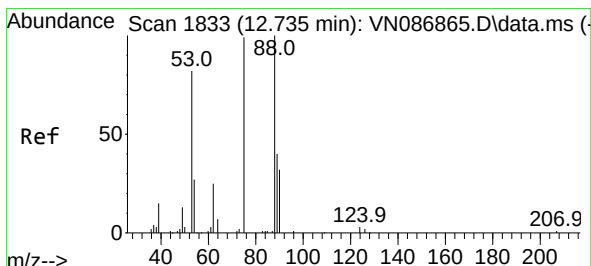
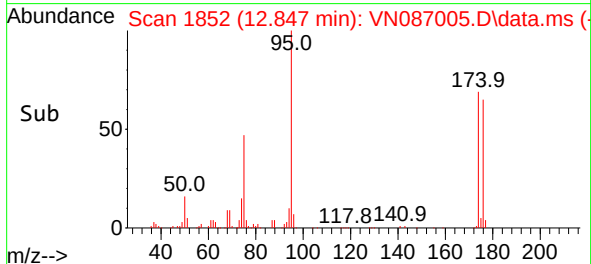
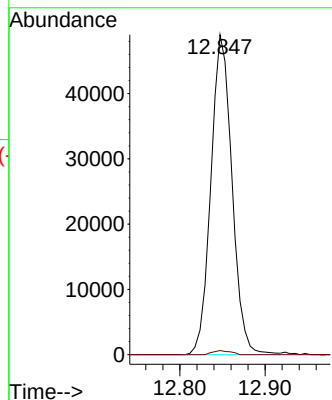
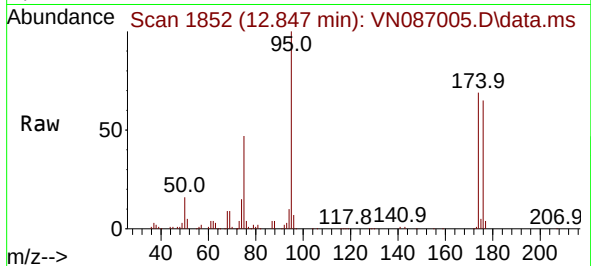




#76
1,2,3-Trichloropropane
Concen: 20.029 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-880-882

Tgt Ion: 75 Resp: 84445
Ion Ratio Lower Upper
75 100
77 1.1 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.105 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087005.D
Acq: 13 Jun 2025 16:34

Tgt Ion: 75 Resp: 84445
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

