

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084538.D
 Acq On : 28 Oct 2024 14:41
 Operator : JC\MD
 Sample : P4550-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-418-420

Quant Time: Oct 28 18:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

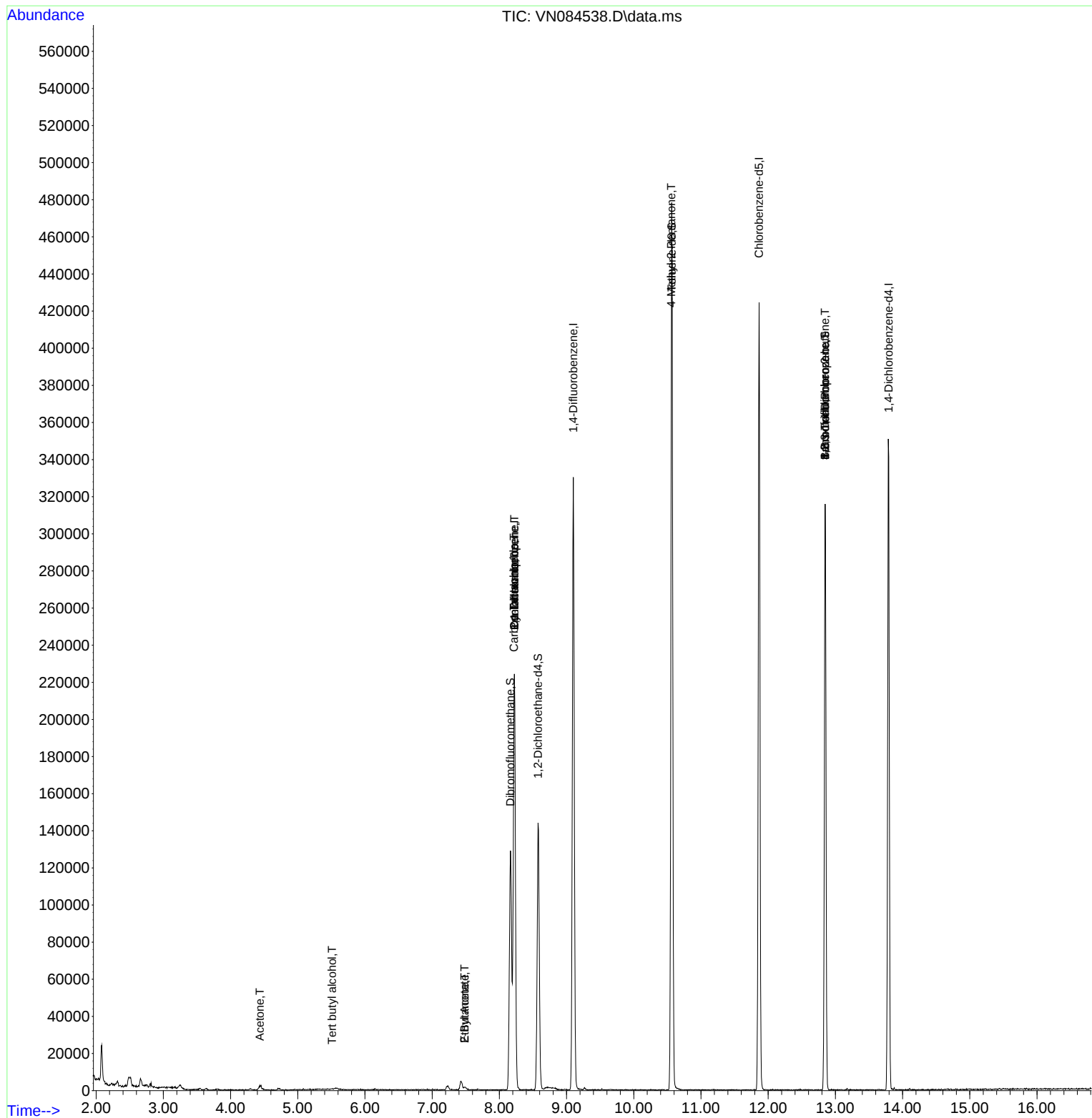
Internal Standards						
1) Pentafluorobenzene	8.224	168	158931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	115590	49.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	8.165	113	93090	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	10.565	98	330849	49.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.120%		
62) 4-Bromofluorobenzene	12.847	95	110647	45.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.000%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.512	59	450	1.158	ug/l #	73
16) Acetone	4.436	43	2878	2.843	ug/l	95
25) 2-Butanone	7.482	43	2697	1.956	ug/l	99
31) Cyclohexane	8.224	56	3797	1.088	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	12634	4.794	ug/l #	52
37) Ethyl Acetate	7.482	43	2697	0.997	ug/l #	69
38) Carbon Tetrachloride	8.218	117	18039	6.240	ug/l #	18
51) 4-Methyl-2-Pentanone	10.559	43	1360	0.528	ug/l #	1
71) Bromoform	12.847	173	302	0.224	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57194	29.747	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57194	71.317	ug/l #	11

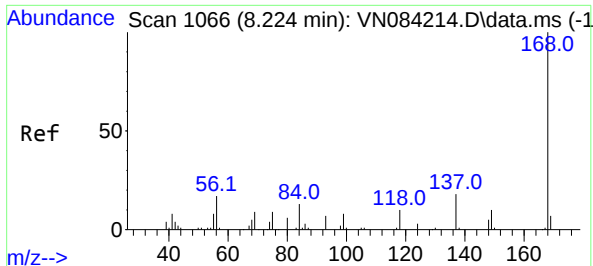
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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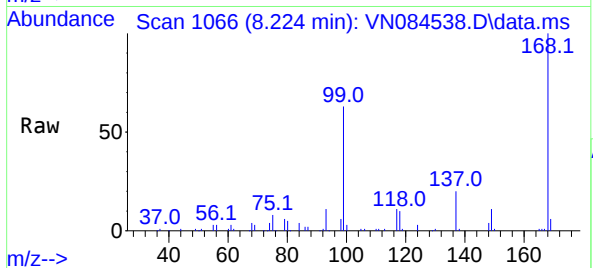
Quant Time: Oct 28 18:34:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



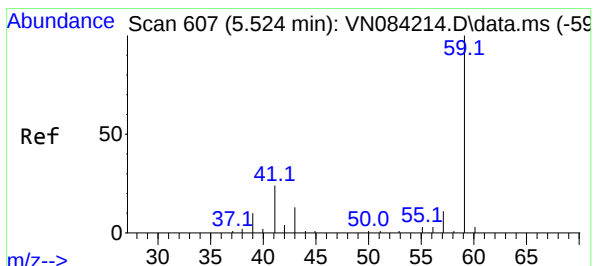
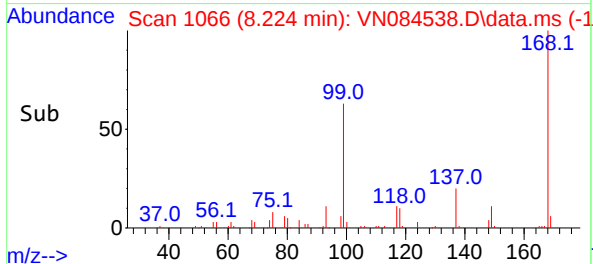
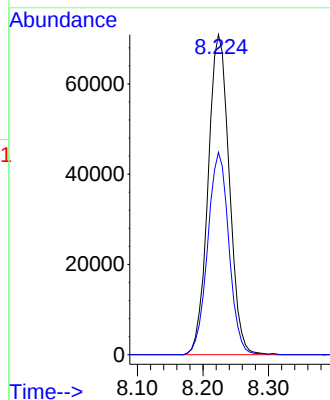


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

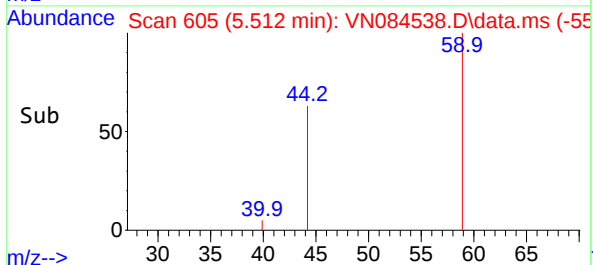
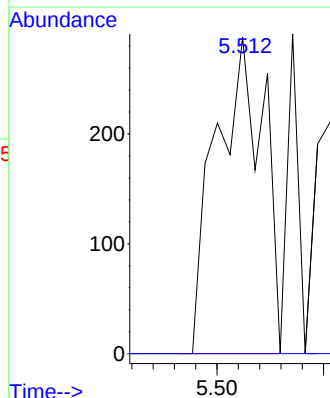
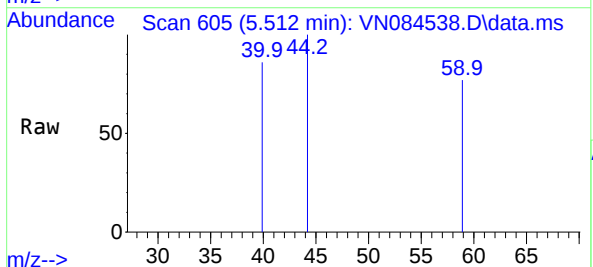


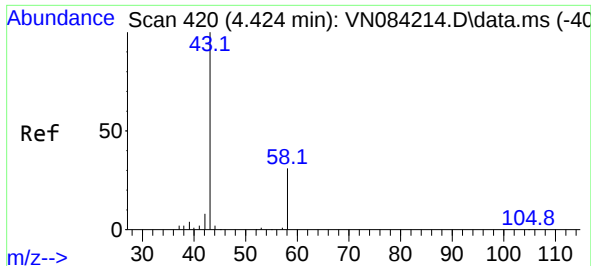
Tgt Ion:168 Resp: 158931
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2



#11
Tert butyl alcohol
Concen: 1.158 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

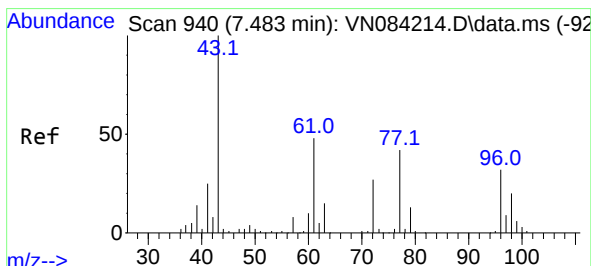
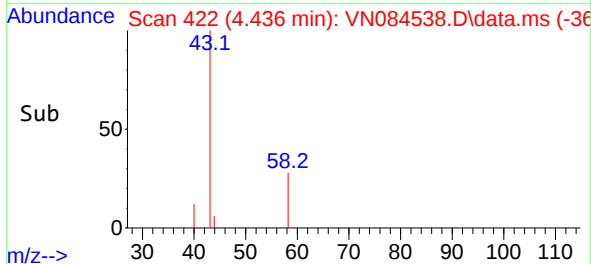
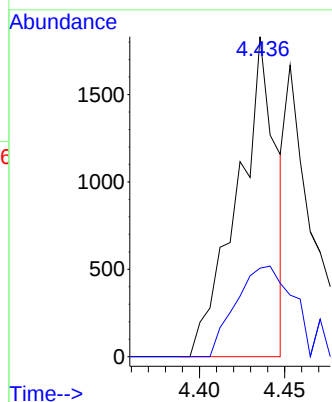
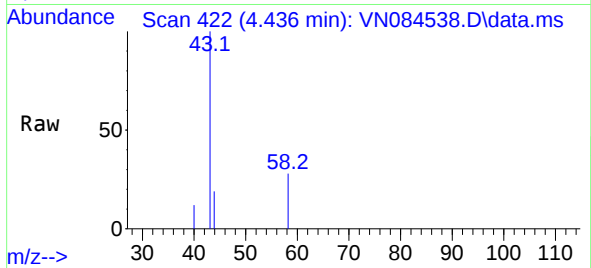




#16
Acetone
Concen: 2.843 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

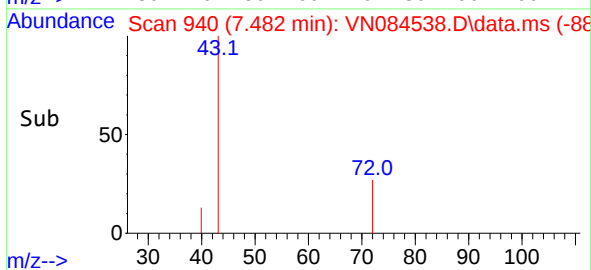
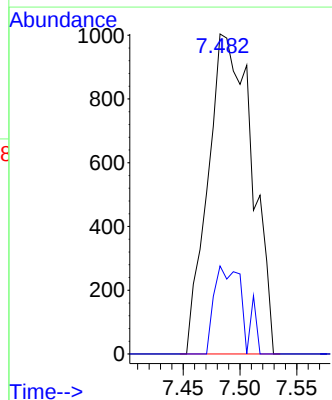
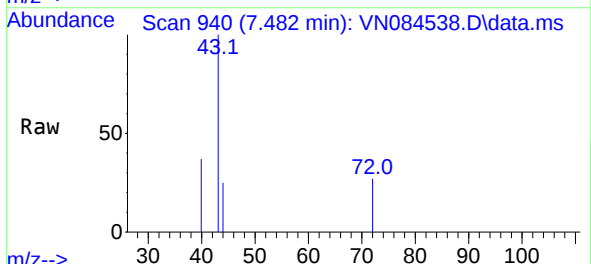
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

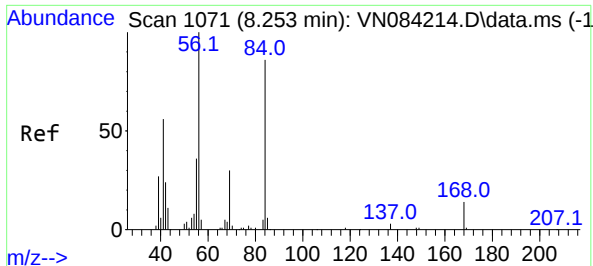
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 27.6 24.4 36.6



#25
2-Butanone
Concen: 1.956 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2





#31

Cyclohexane

Concen: 1.088 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN084538.D

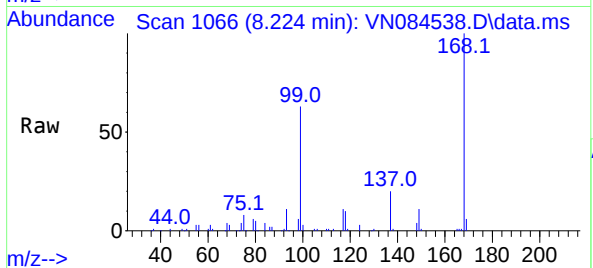
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-418-420



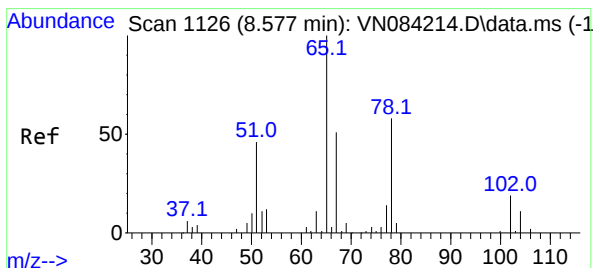
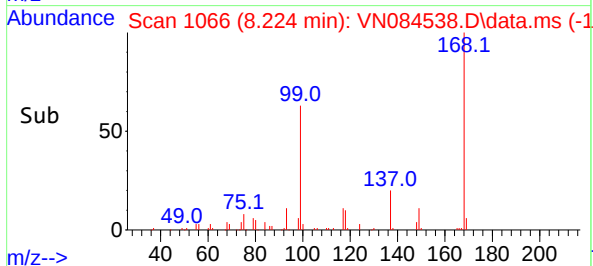
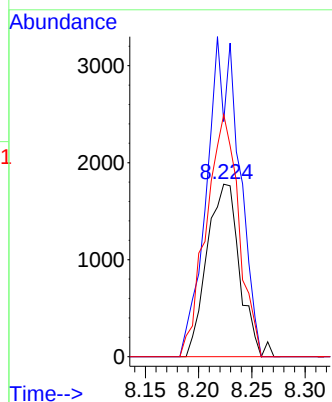
Tgt Ion: 56 Resp: 3797

Ion Ratio Lower Upper

56 100

69 136.3 23.8 35.6#

84 140.2 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084538.D

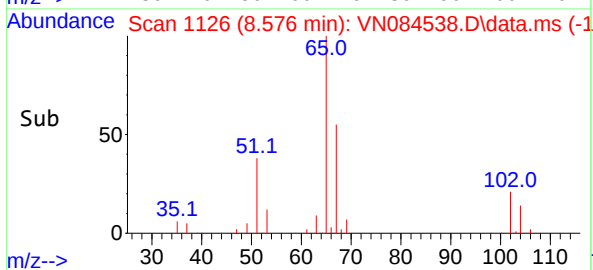
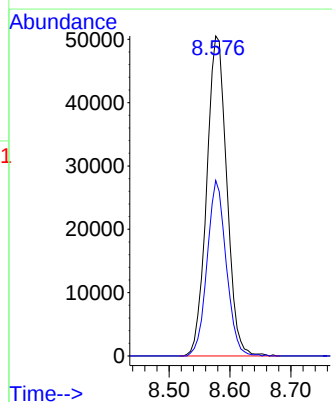
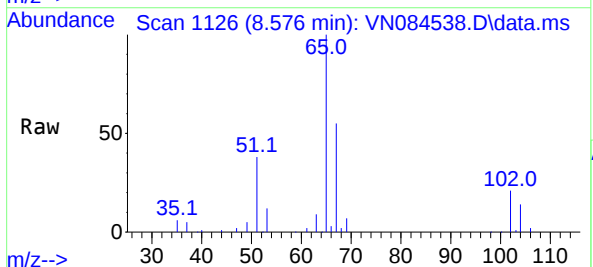
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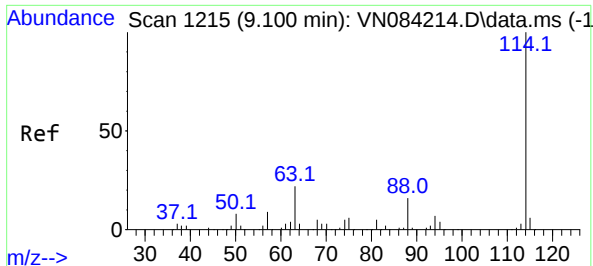
Tgt Ion: 65 Resp: 115590

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.0

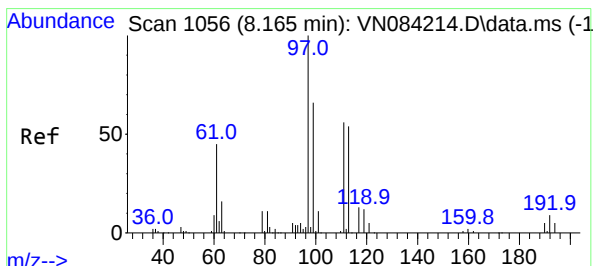
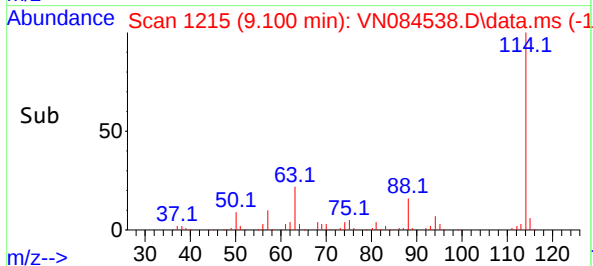
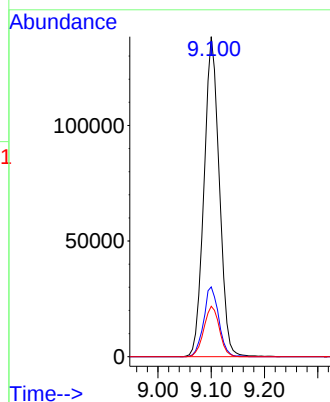
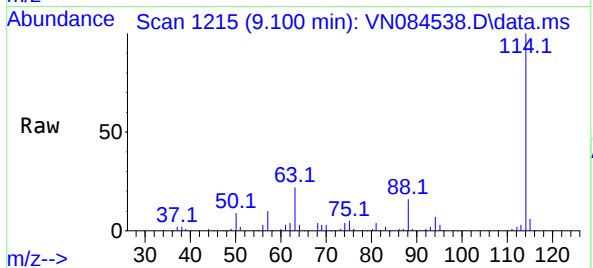




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

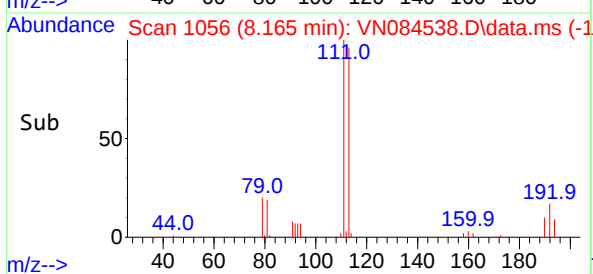
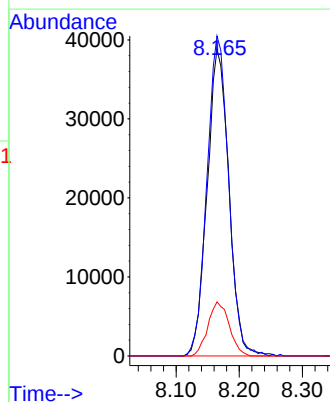
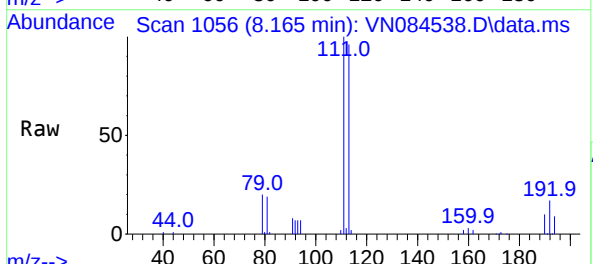
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

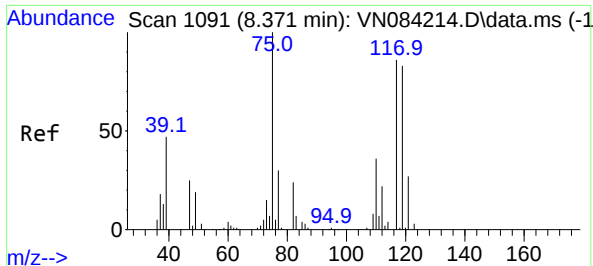
Tgt Ion:114 Resp: 275224
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion:113 Resp: 93090
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 17.2 13.5 20.3

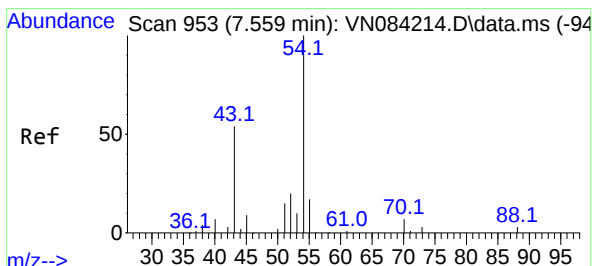
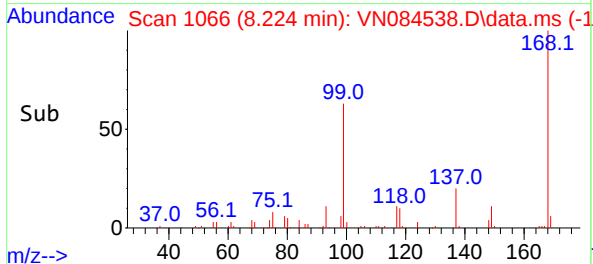
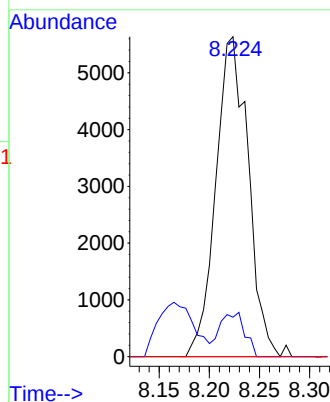
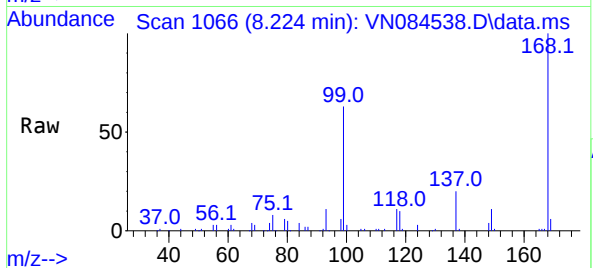




#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

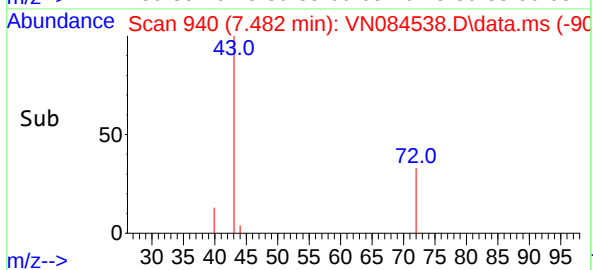
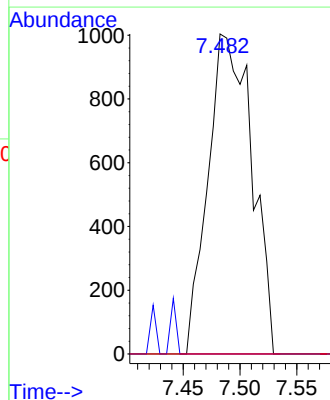
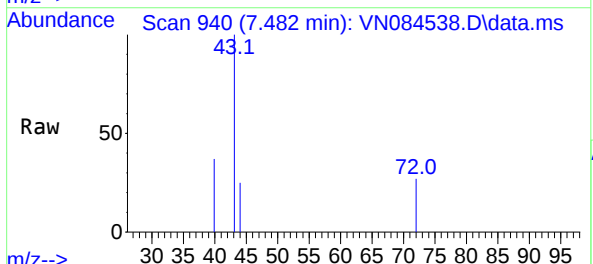
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-GW-418-420

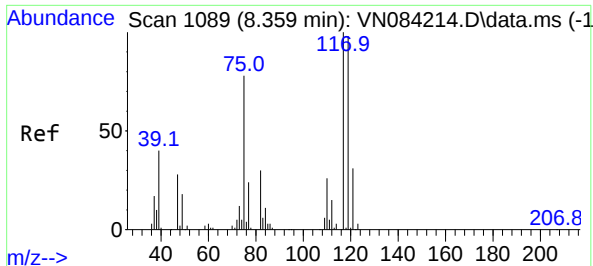
Tgt Ion: 75 Resp: 12634
Ion Ratio Lower Upper
75 100
110 10.7 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.997 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.077 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

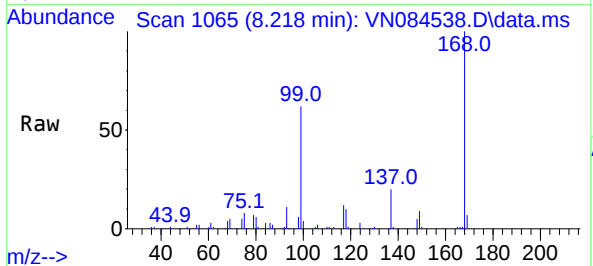
Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#



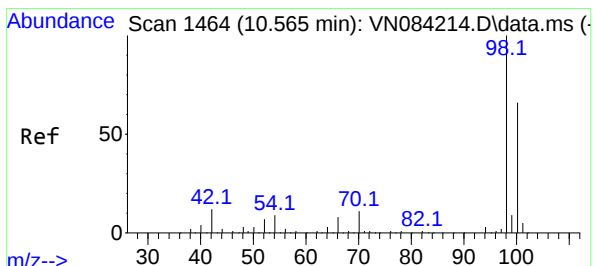
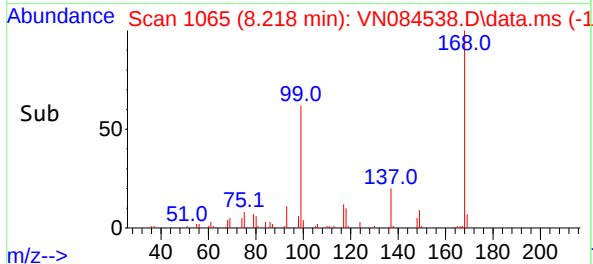
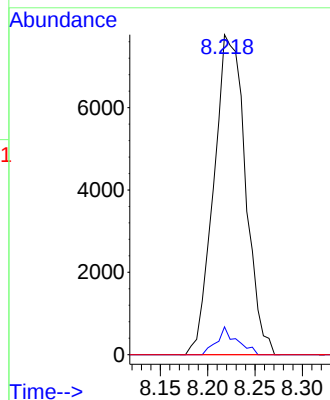


#38
Carbon Tetrachloride
Concen: 6.240 ug/l
RT: 8.218 min Scan# 1089
Delta R.T. -0.141 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Instrument :
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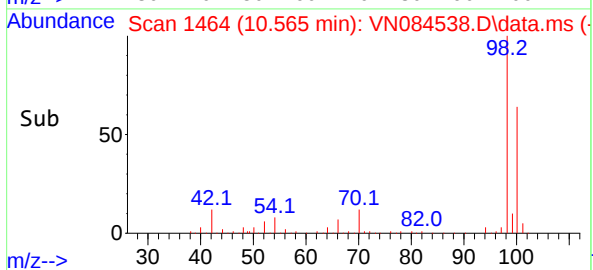
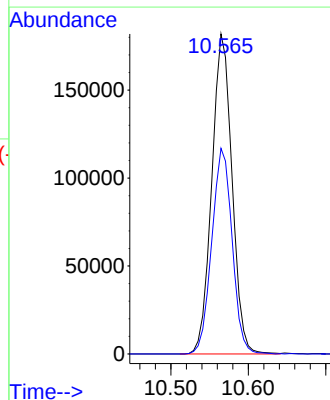
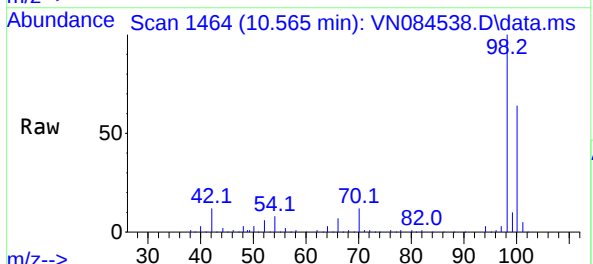


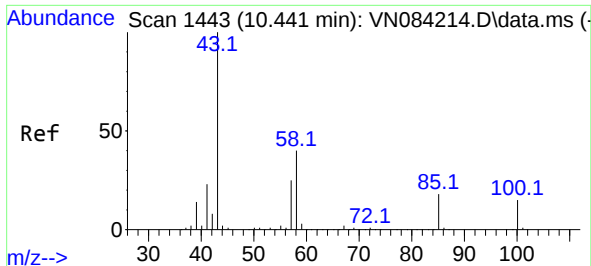
Tgt Ion:117 Resp: 18039
Ion Ratio Lower Upper
117 100
119 8.7 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion: 98 Resp: 330849
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

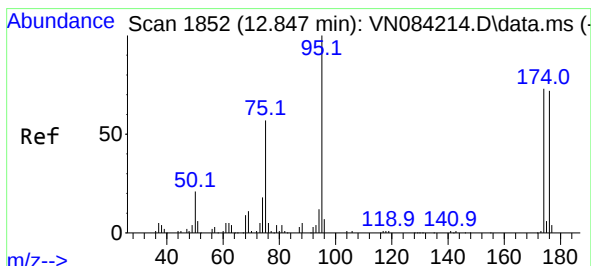
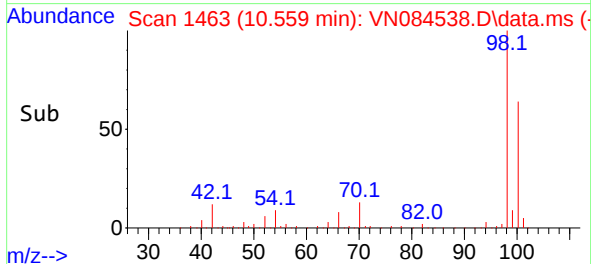
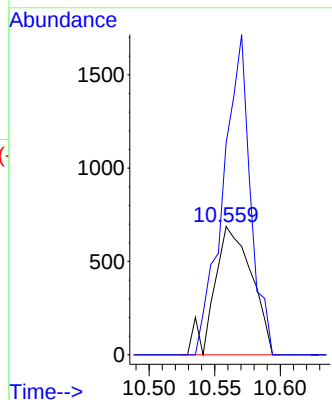
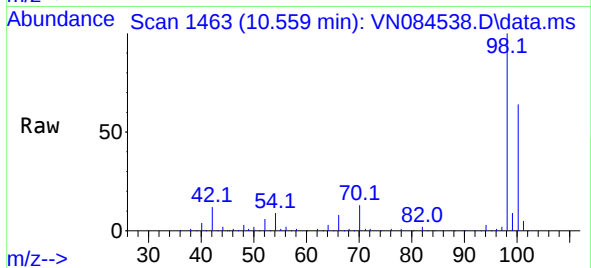




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.117 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

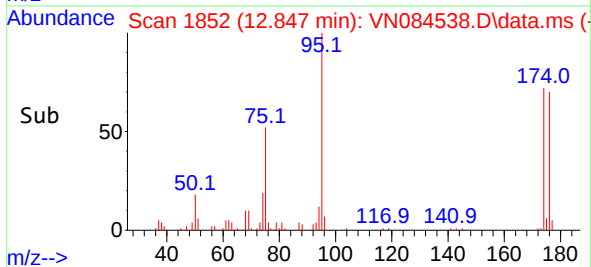
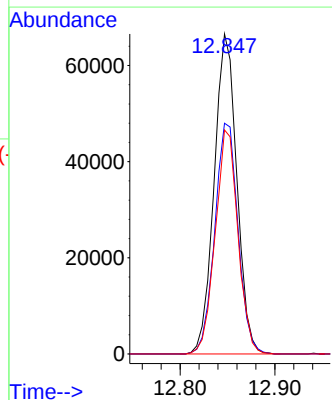
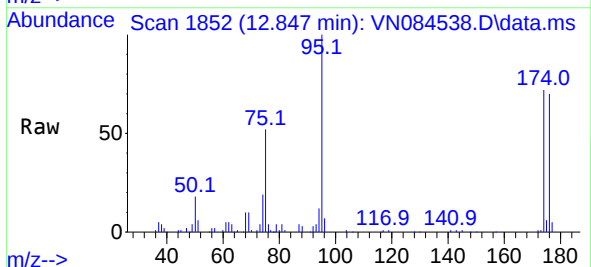
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-GW-418-420

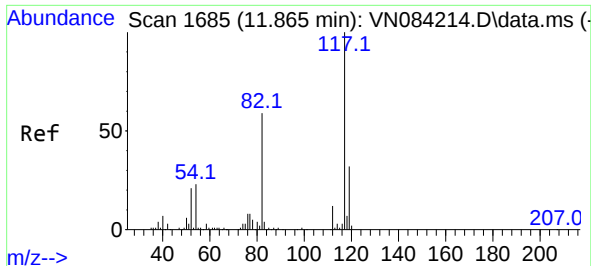
Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 183.5 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.497 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion: 95 Resp: 110647
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.0 0.0 140.0

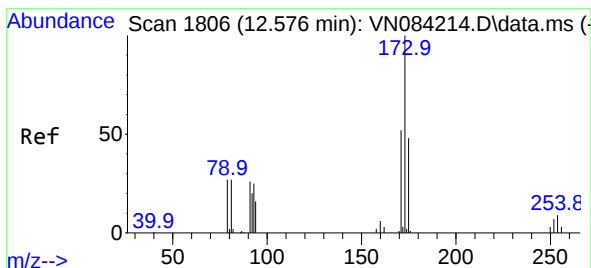
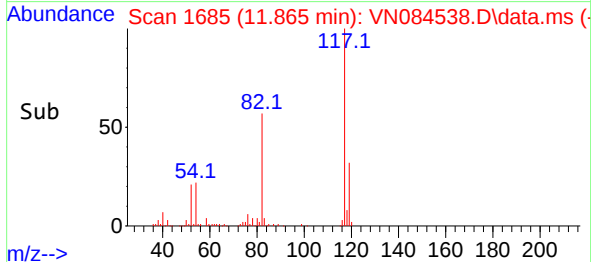
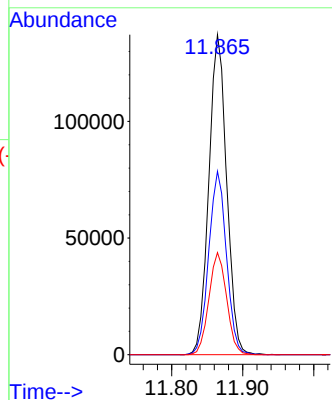
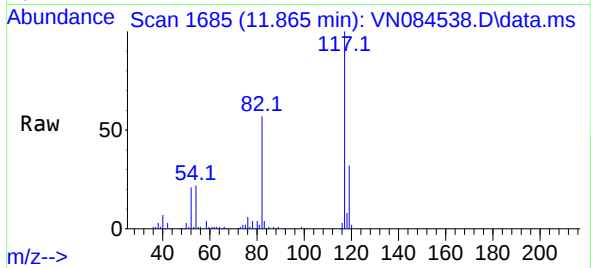




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

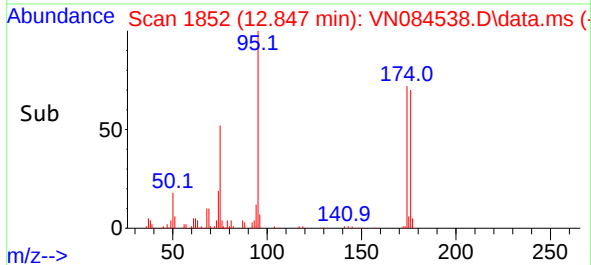
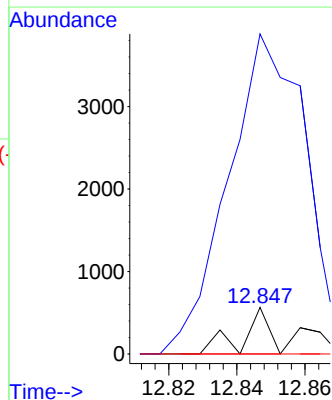
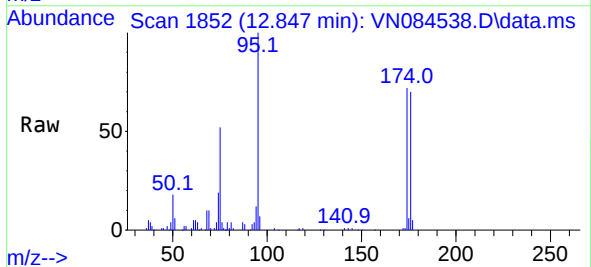
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

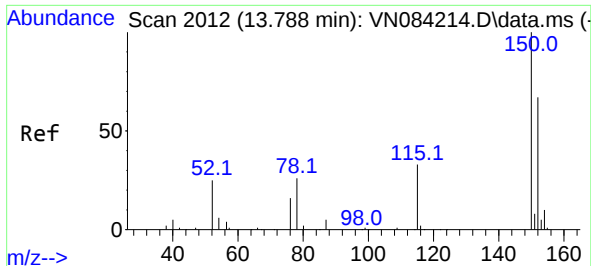
Tgt Ion:117 Resp: 239281
Ion Ratio Lower Upper
117 100
82 57.3 47.2 70.8
119 31.9 25.4 38.0



#71
Bromoform
Concen: 0.224 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion:173 Resp: 302
Ion Ratio Lower Upper
173 100
175 1474.2 23.5 70.6#
254 0.0 0.0 0.0

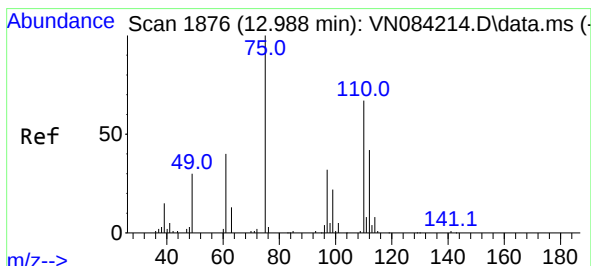
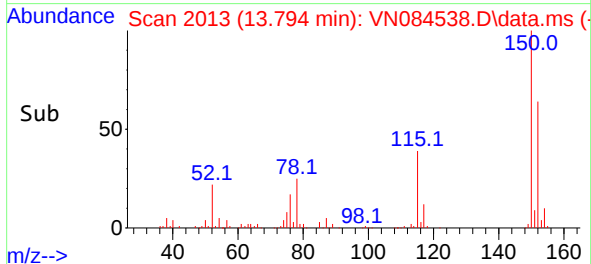
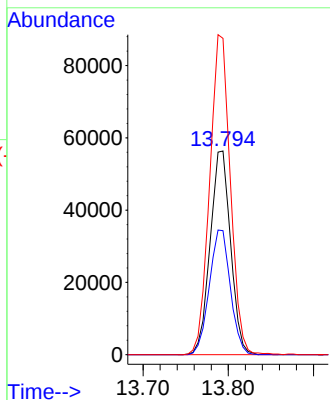
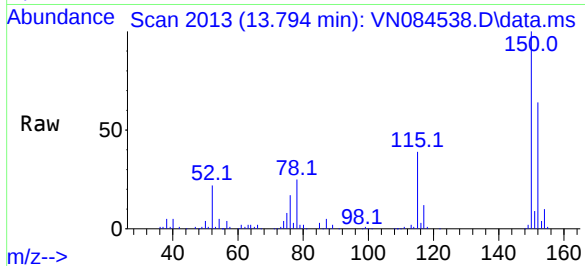




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

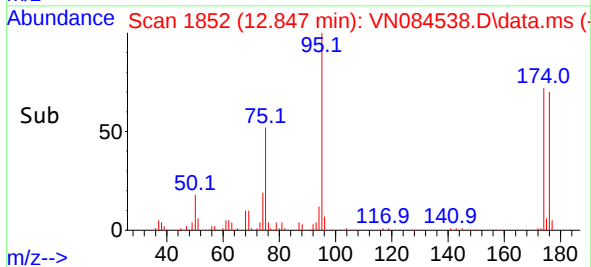
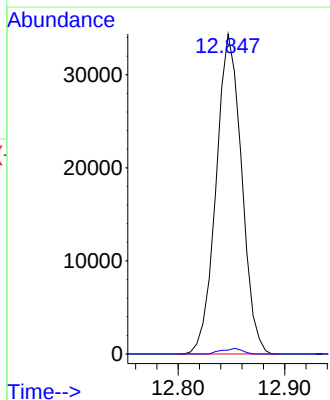
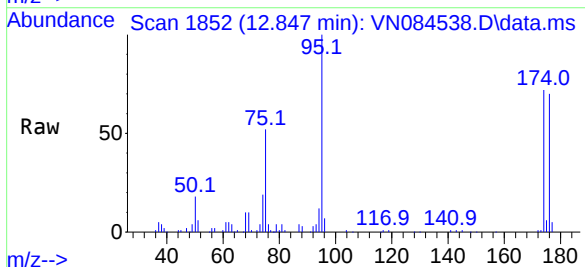
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

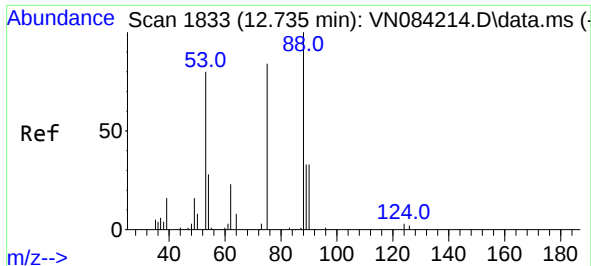
Tgt Ion:152 Resp: 94178
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.9
150 158.1 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 29.747 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Tgt Ion: 75 Resp: 57194
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.317 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084538.D
Acq: 28 Oct 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-418-420

Tgt Ion: 75 Resp: 57194
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

