

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084460.D
 Acq On : 22 Oct 2024 17:33
 Operator : JC\MD
 Sample : P4475-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-223-225

Quant Time: Oct 23 01:31:26 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)

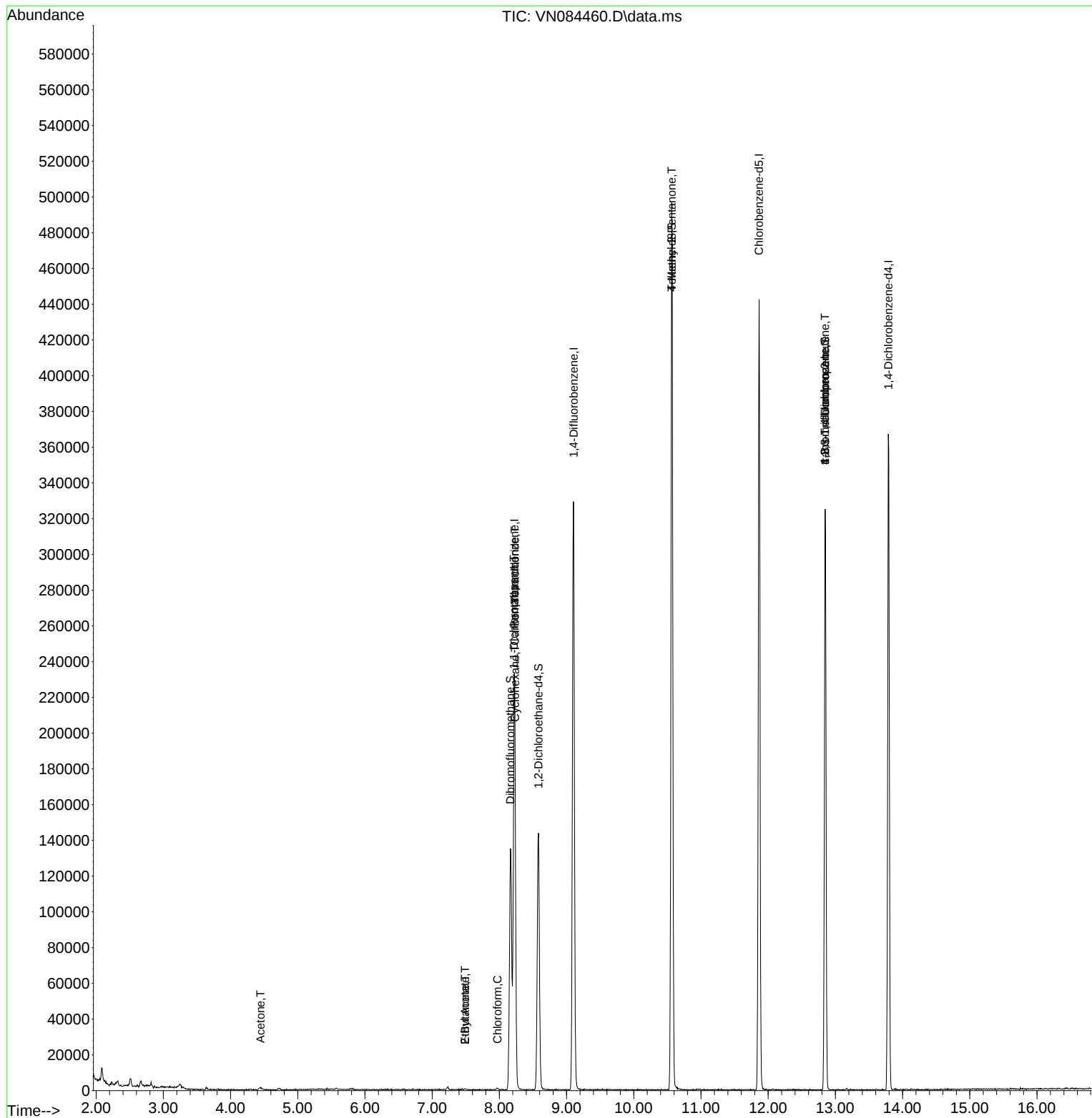
Internal Standards						
1) Pentafluorobenzene	8.224	168	166570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119785	48.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	8.165	113	97898	52.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.620%		
50) Toluene-d8	10.565	98	342529	49.746	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.847	95	115675	46.113	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.220%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	2737	2.580	ug/l #	84
25) 2-Butanone	7.488	43	772	0.534	ug/l #	48
30) Chloroform	7.971	83	1065	0.272	ug/l #	73
31) Cyclohexane	8.235	56	4266	1.166	ug/l #	47
36) 1,1-Dichloropropene	8.218	75	14204	5.225	ug/l #	50
37) Ethyl Acetate	7.488	43	772	0.277	ug/l #	69
38) Carbon Tetrachloride	8.230	117	17768	5.958	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1423	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59622	29.740	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59622	71.300	ug/l #	11

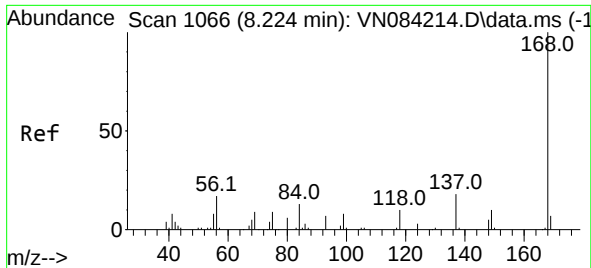
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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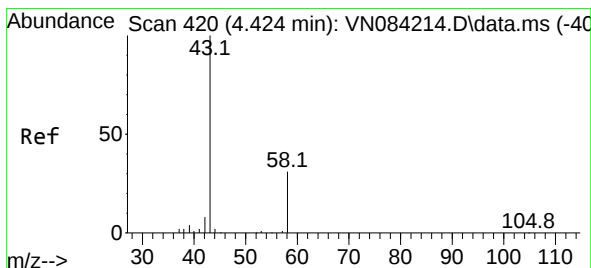
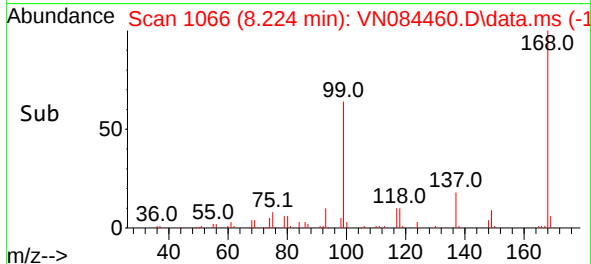
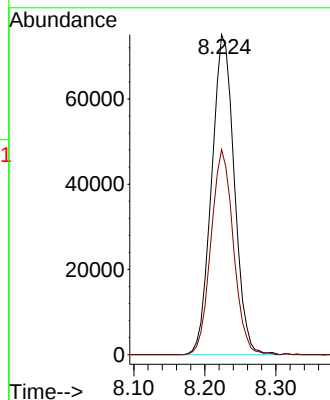
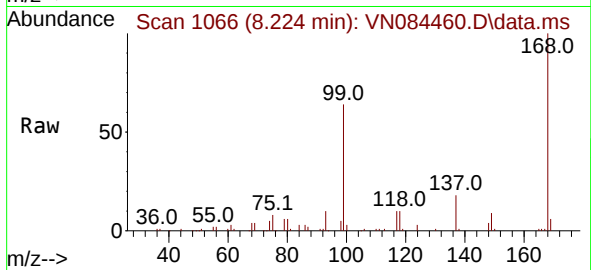




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

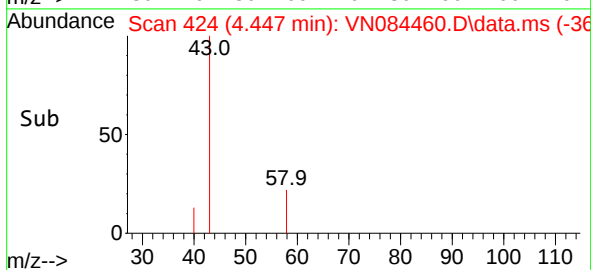
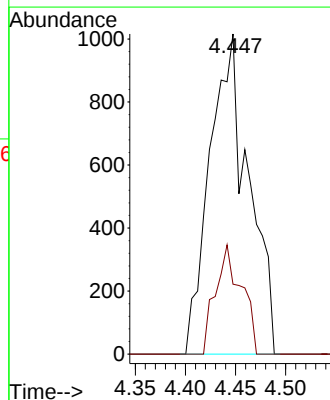
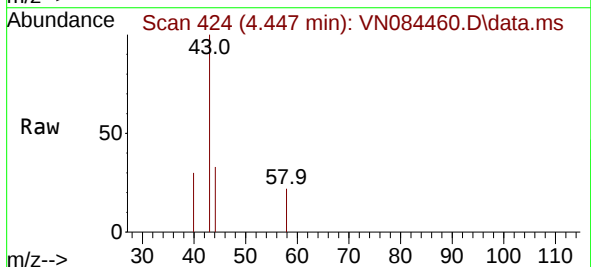
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-223-225

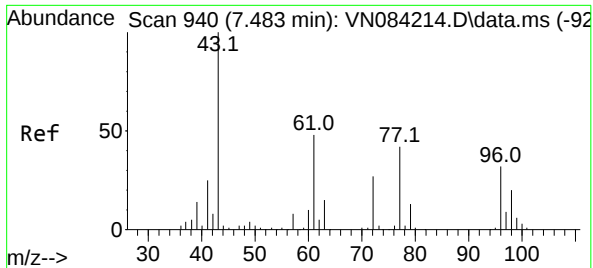
Tgt Ion:168 Resp: 166570
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#16
Acetone
Concen: 2.580 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 43 Resp: 2737
Ion Ratio Lower Upper
43 100
58 21.9 24.4 36.6#

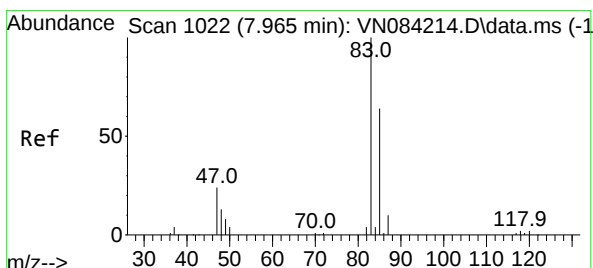
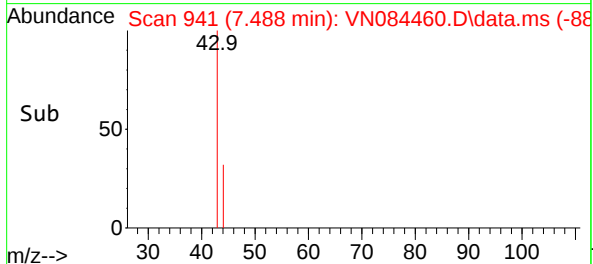
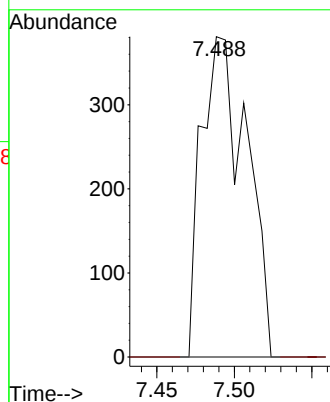
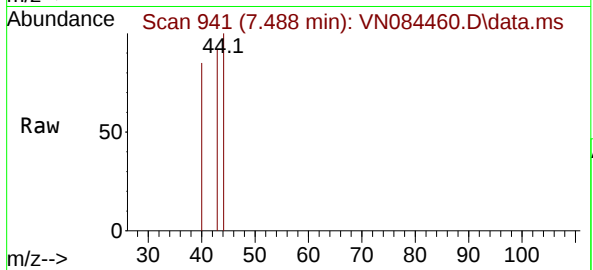




#25
2-Butanone
Concen: 0.534 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

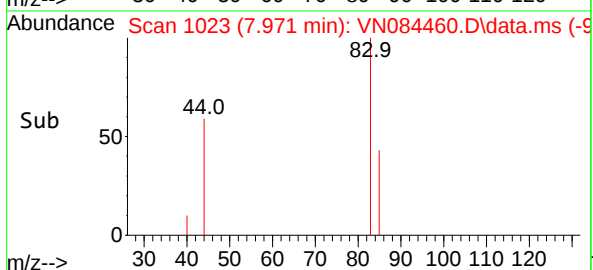
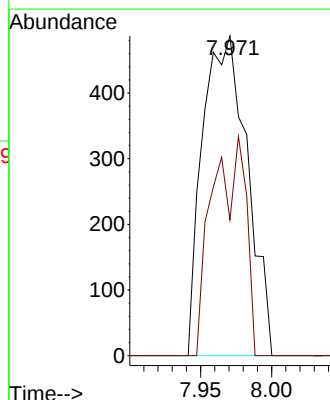
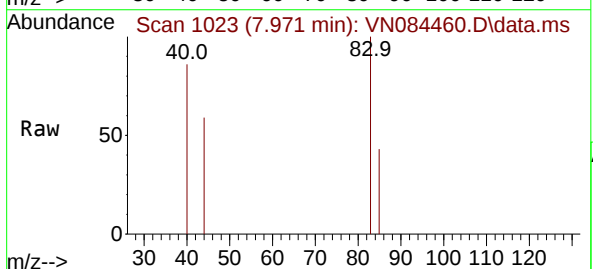
Instrument :
MSVOA_N
ClientSampleId :
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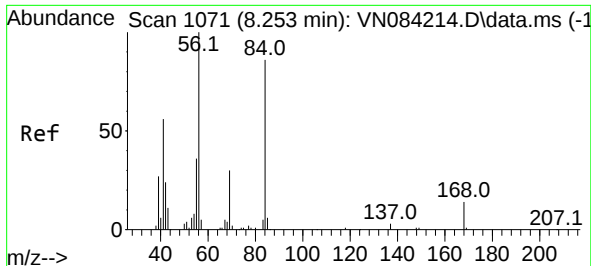
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#30
Chloroform
Concen: 0.272 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
85 42.5 51.0 76.4#

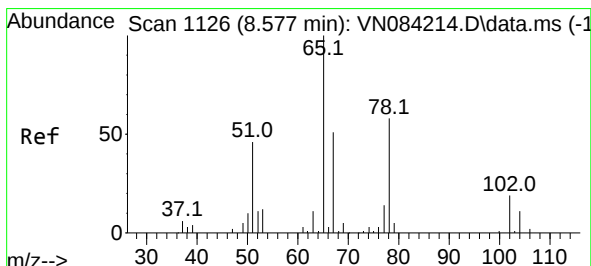
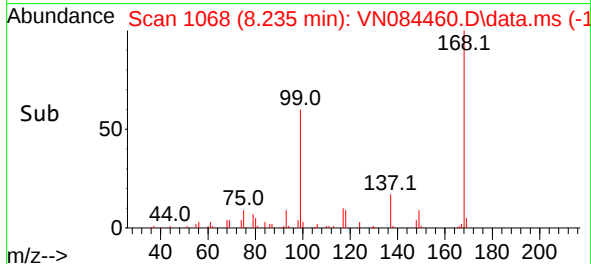
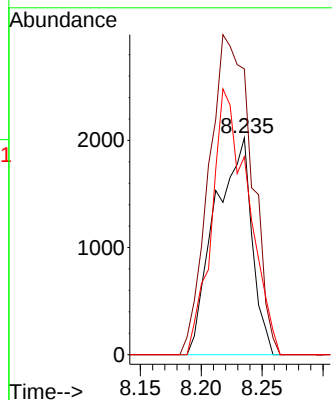
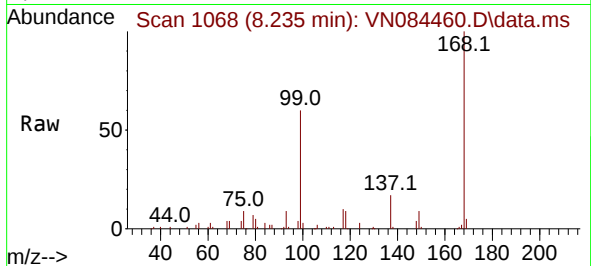




#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.235 min Scan# 1071
Delta R.T. -0.018 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

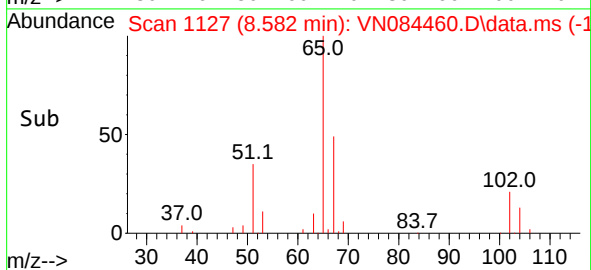
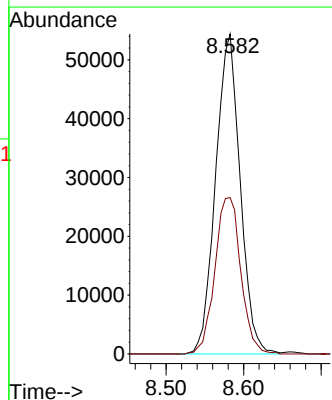
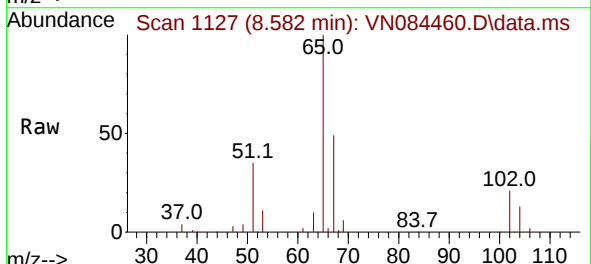
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-223-225

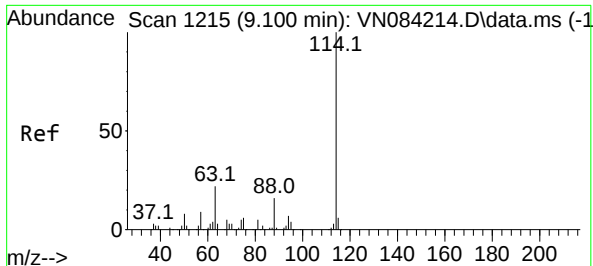
Tgt Ion: 56 Resp: 4266
Ion Ratio Lower Upper
56 100
69 131.8 23.8 35.6#
84 91.3 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 48.502 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 65 Resp: 119785
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084460.D

Acq: 22 Oct 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-223-225

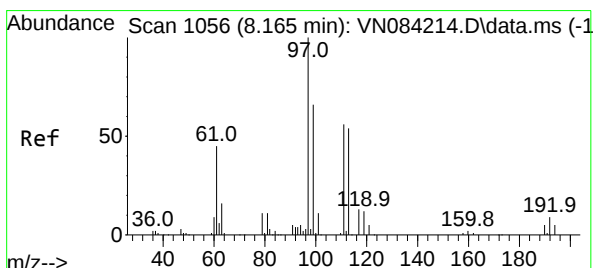
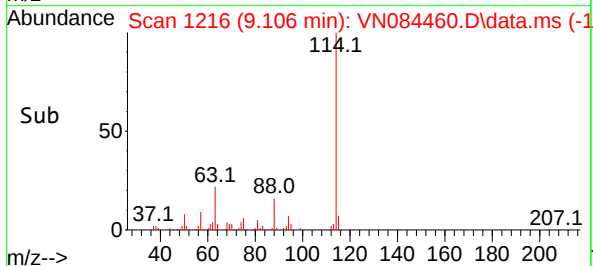
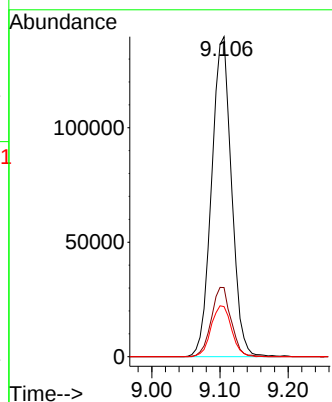
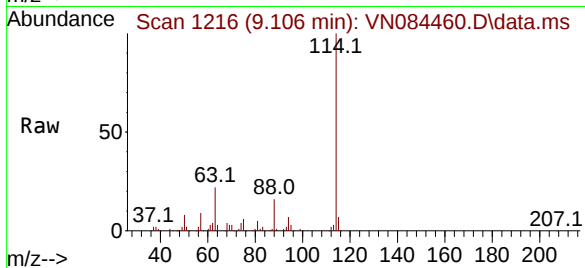
Tgt Ion:114 Resp: 283884

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 15.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.309 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084460.D

Acq: 22 Oct 2024 17:33

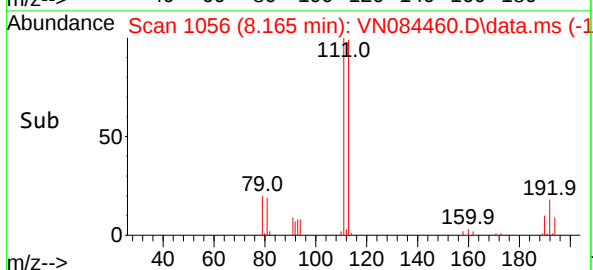
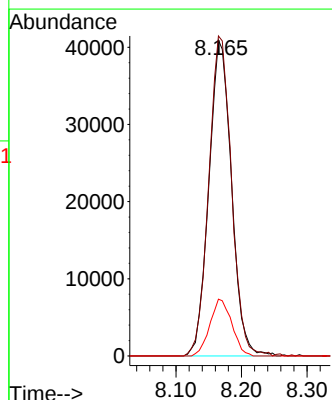
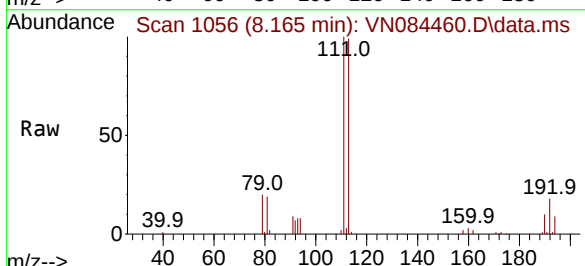
Tgt Ion:113 Resp: 97898

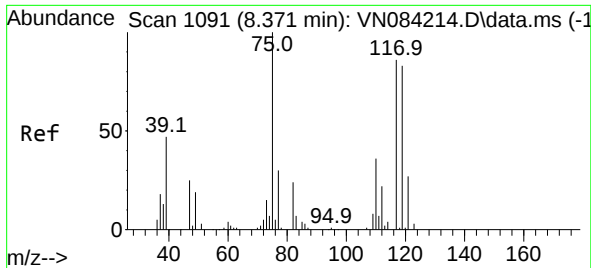
Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

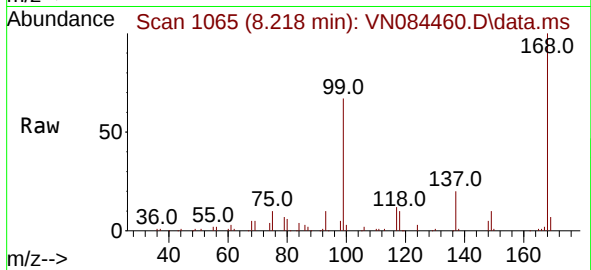
192 17.4 13.5 20.3



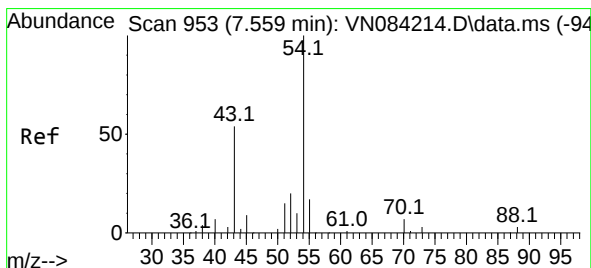
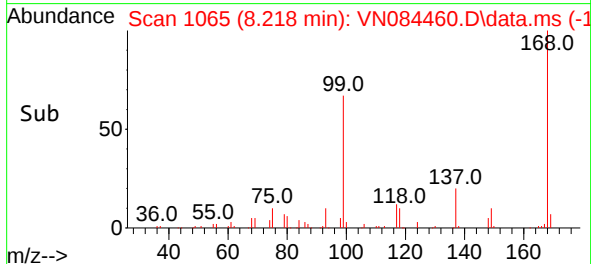
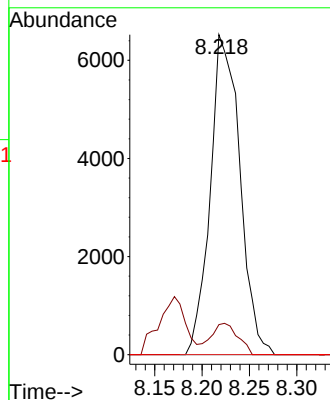


#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-223-225

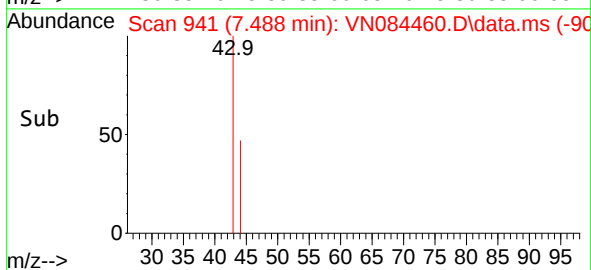
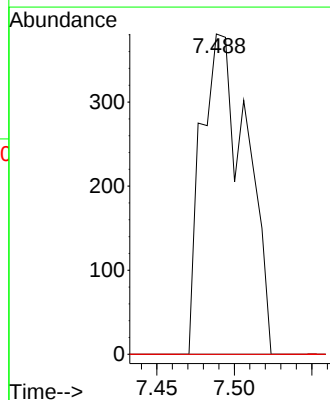
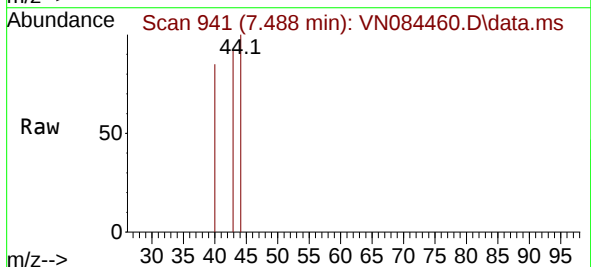


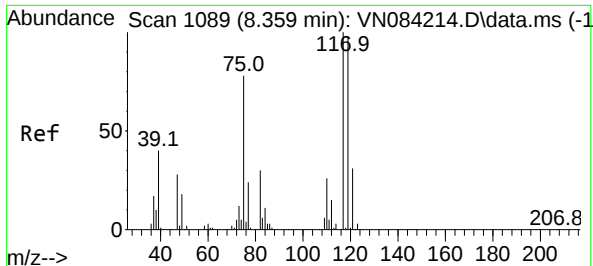
Tgt Ion: 75 Resp: 14204
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.277 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#

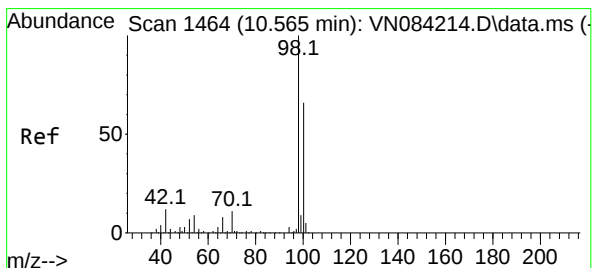
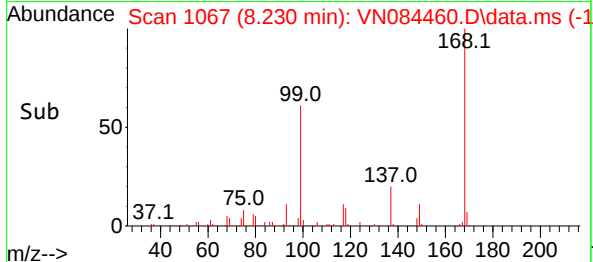
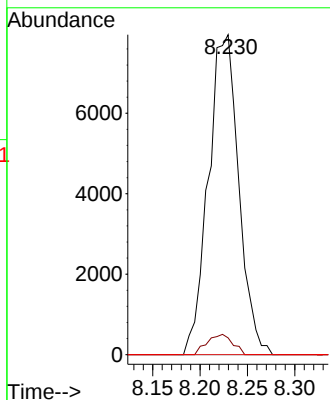
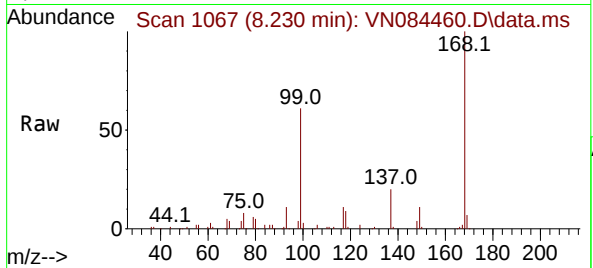




#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

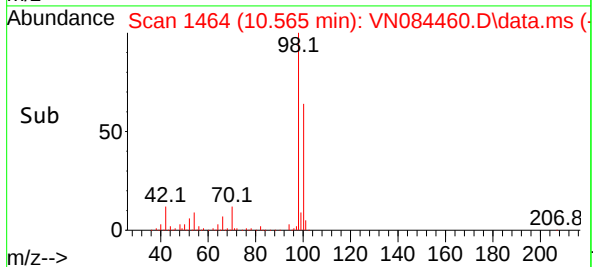
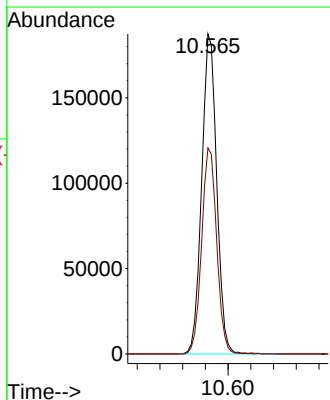
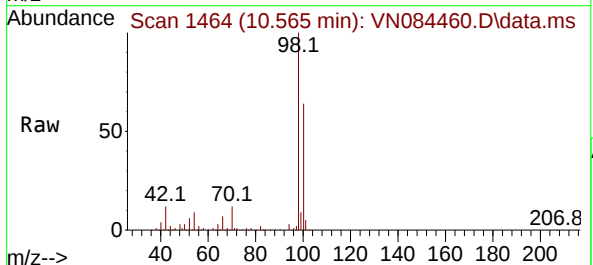
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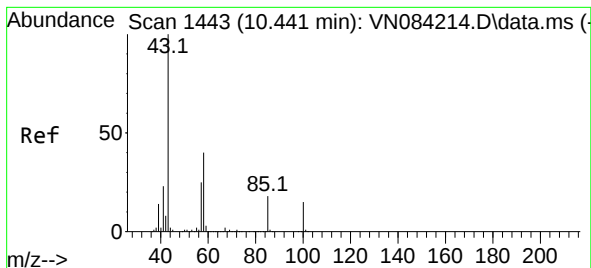
Tgt Ion:117 Resp: 17768
Ion Ratio Lower Upper
117 100
119 5.3 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 98 Resp: 342529
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

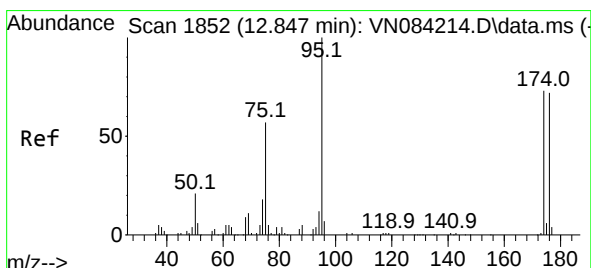
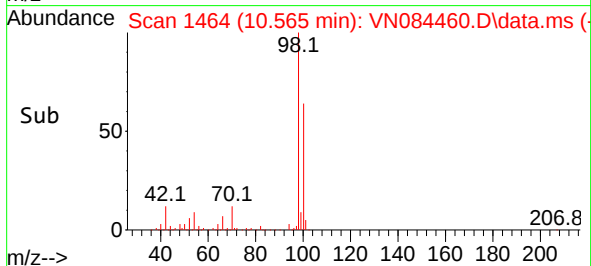
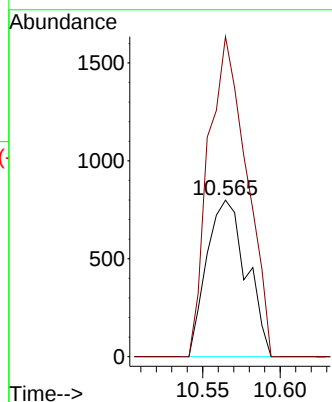
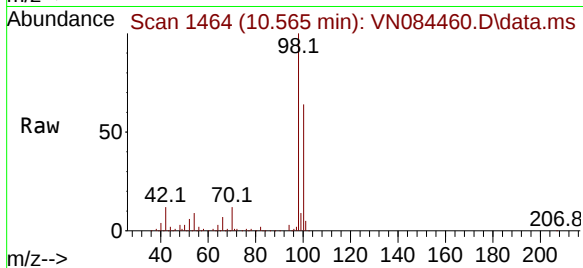




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

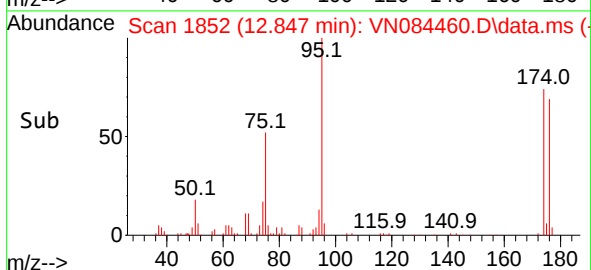
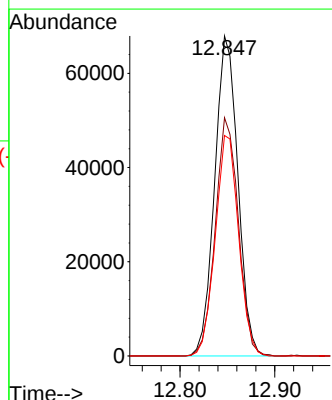
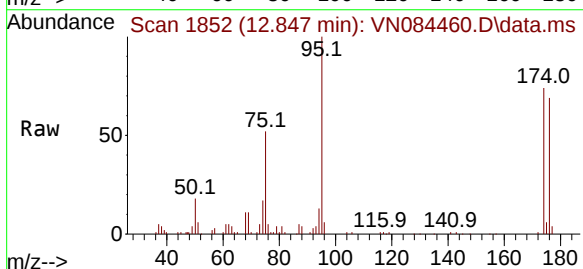
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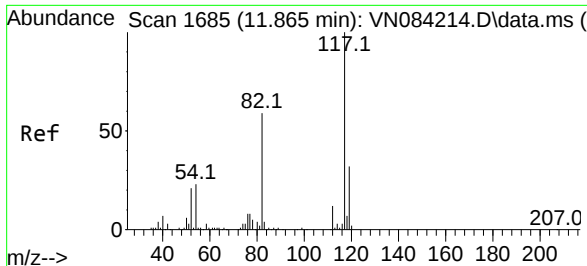
Tgt Ion: 43 Resp: 1423
Ion Ratio Lower Upper
43 100
58 196.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 95 Resp: 115675
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 69.5 0.0 140.0

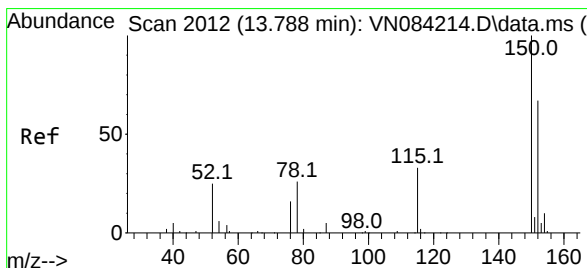
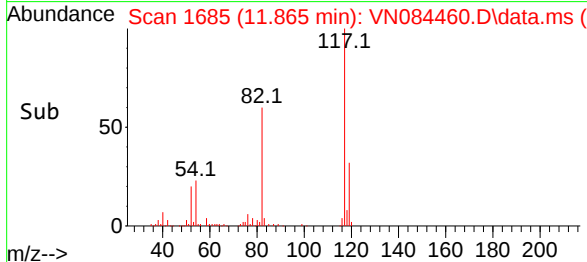
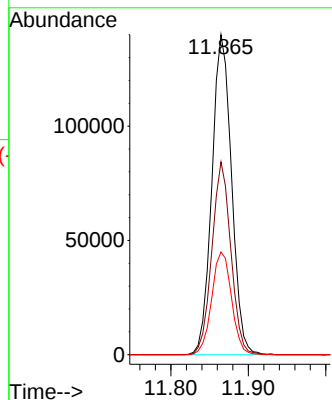
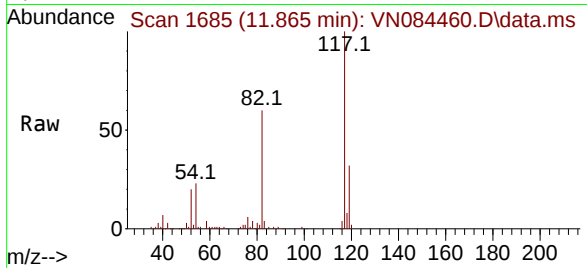




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

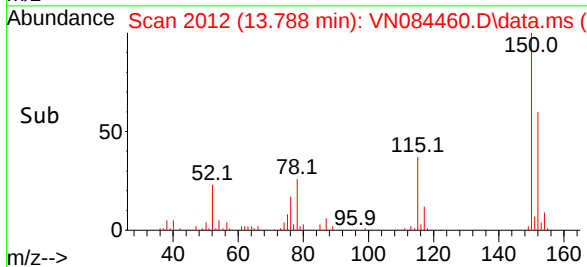
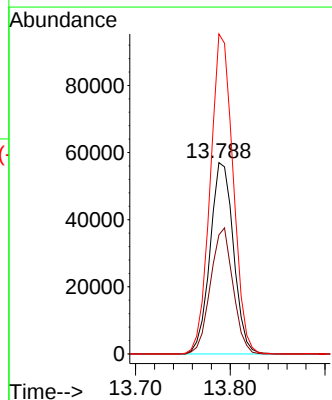
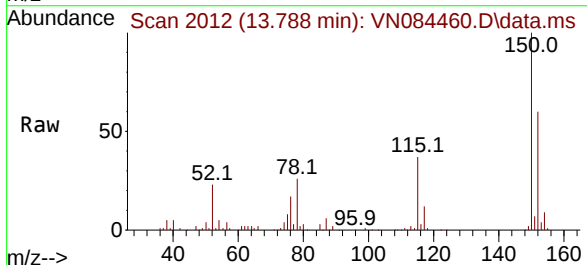
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-223-225

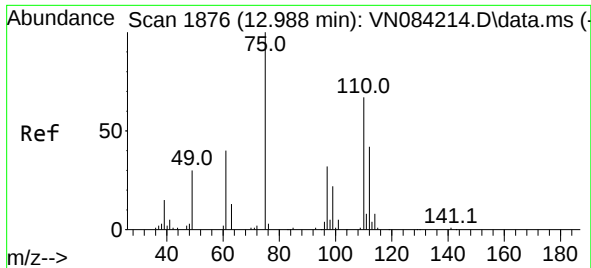
Tgt Ion:117 Resp: 246455
Ion Ratio Lower Upper
117 100
82 60.3 47.2 70.8
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion:152 Resp: 98200
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.9
150 162.9 0.0 349.8

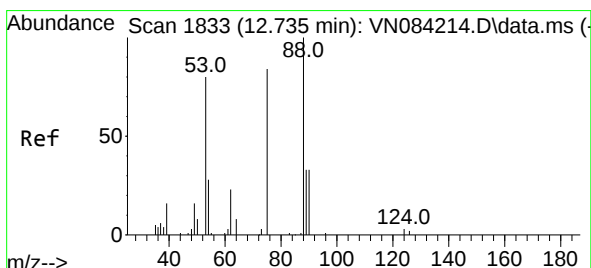
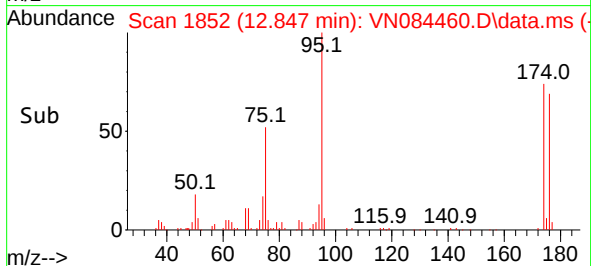
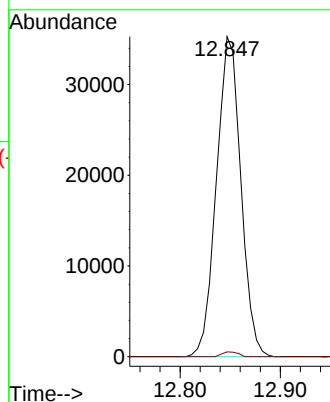
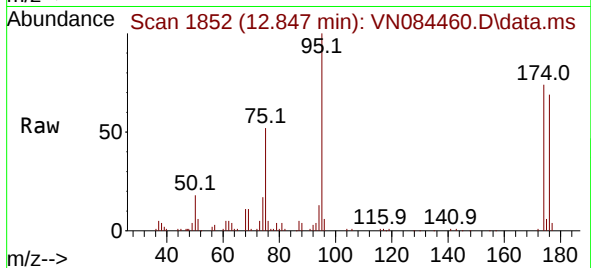




#76
1,2,3-Trichloropropane
Concen: 29.740 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-223-225

Tgt Ion: 75 Resp: 59622
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.300 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

Tgt Ion: 75 Resp: 59622
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

