

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084539.D
 Acq On : 28 Oct 2024 15:05
 Operator : JC\MD
 Sample : P4550-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-338-340

Quant Time: Oct 28 18:34:45 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)

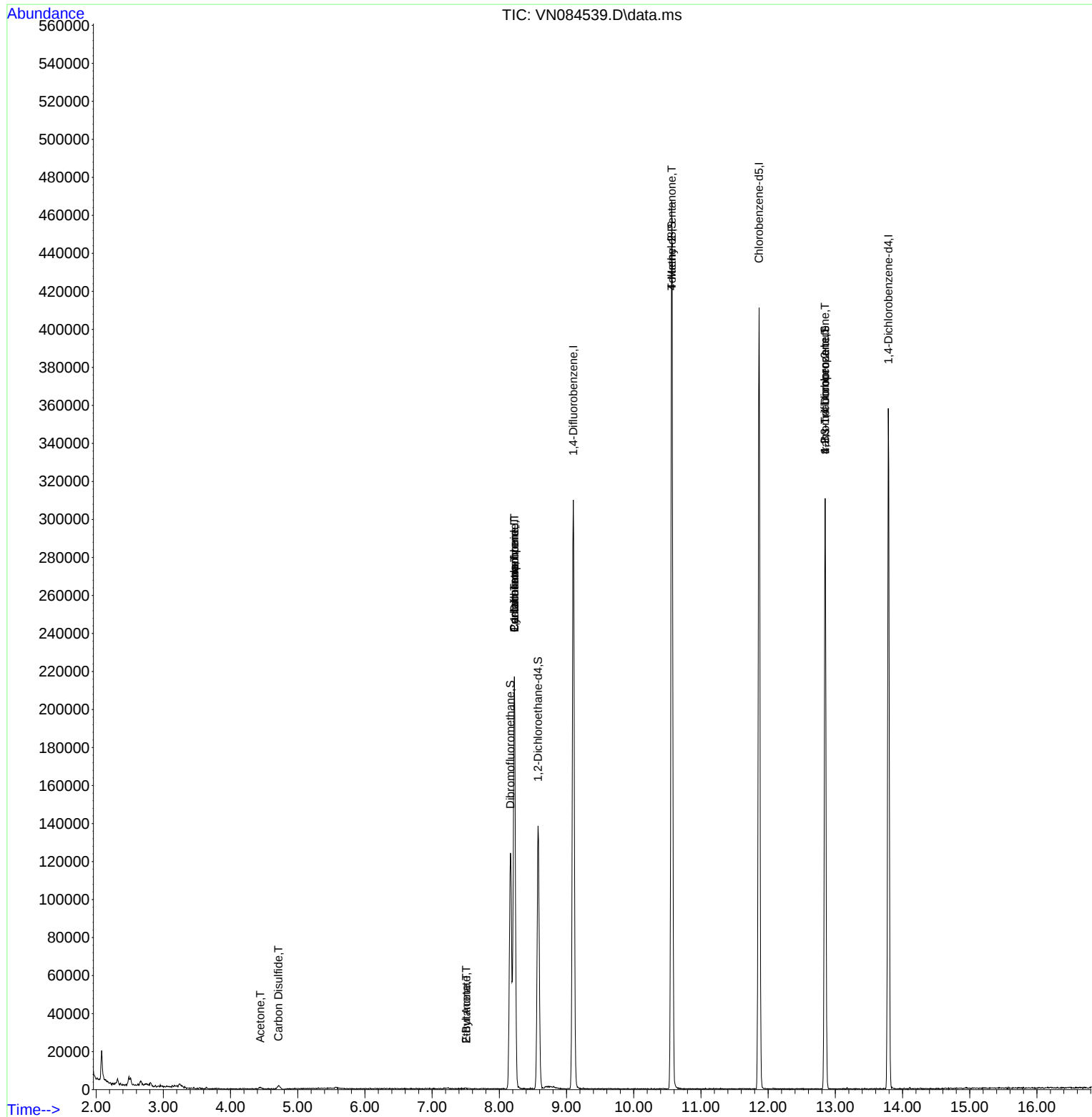
Internal Standards						
1) Pentafluorobenzene	8.224	168	150803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113726	50.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.720%			
35) Dibromofluoromethane	8.165	113	91484	51.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	10.565	98	319558	49.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.847	95	107270	45.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.760%			
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	1622	1.689	ug/l	89
17) Carbon Disulfide	4.712	76	3307	0.615	ug/l #	82
25) 2-Butanone	7.506	43	537	0.410	ug/l #	48
31) Cyclohexane	8.224	56	3446	1.040	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13019	5.083	ug/l #	50
37) Ethyl Acetate	7.506	43	537	0.204	ug/l #	69
38) Carbon Tetrachloride	8.224	117	16429	5.847	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1287	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56878	29.490	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56878	70.700	ug/l #	11

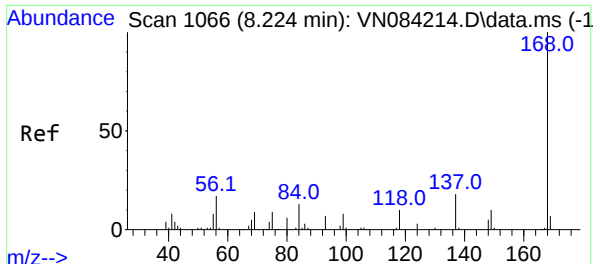
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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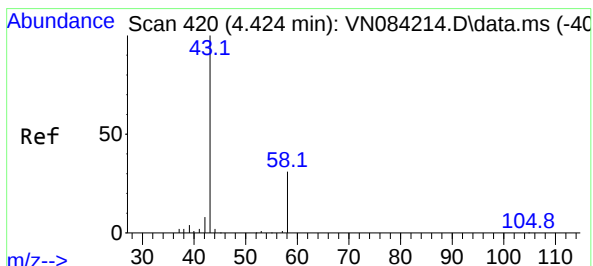
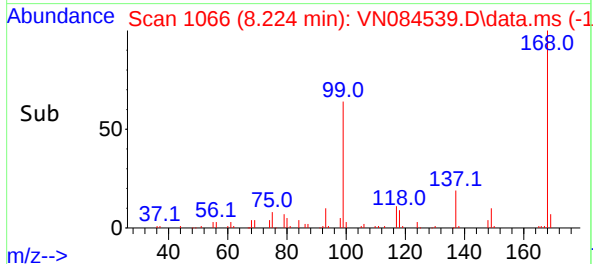
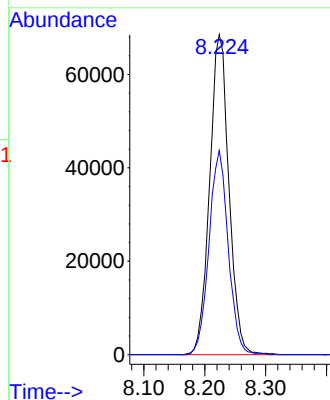
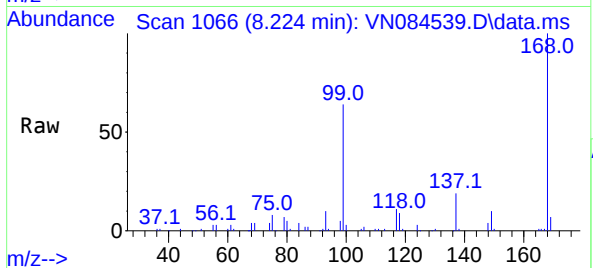




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

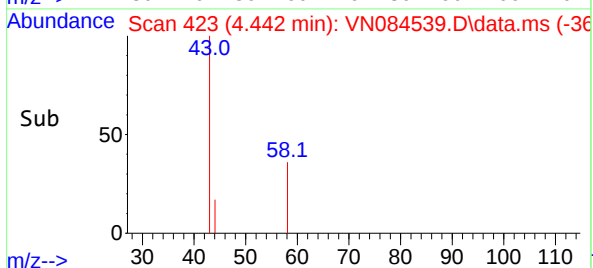
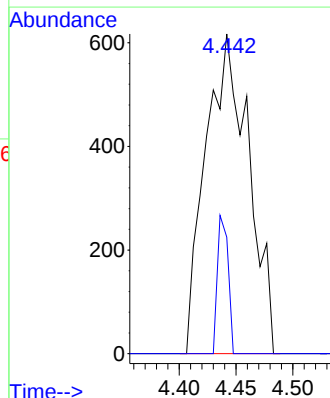
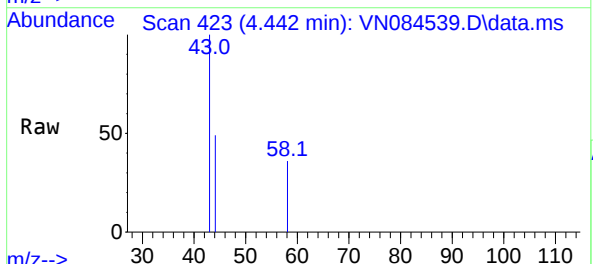
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-338-340

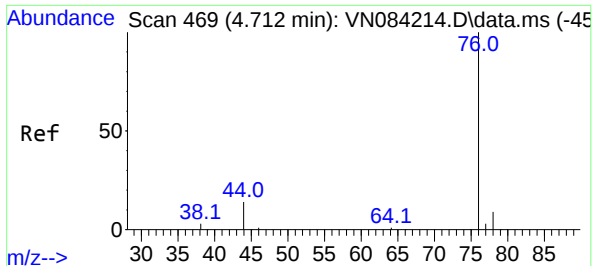
Tgt Ion:168 Resp: 150803
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2



#16
Acetone
Concen: 1.689 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 36.5 24.4 36.6

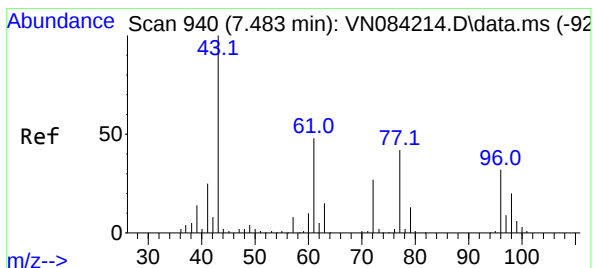
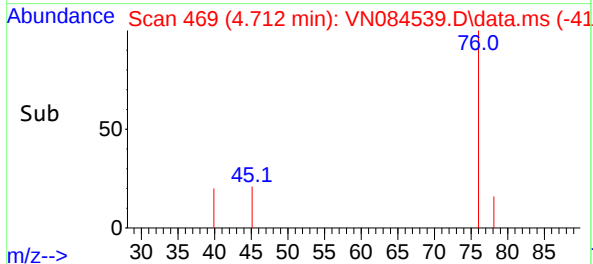
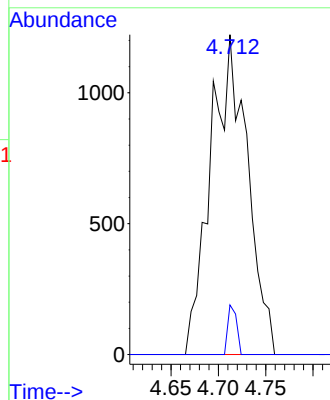
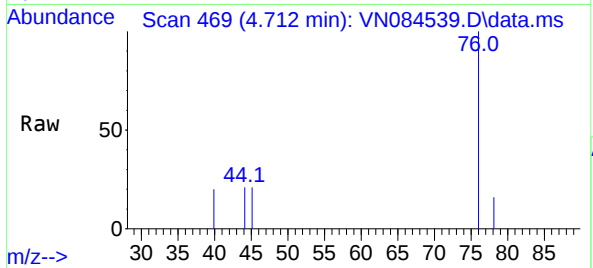




#17
Carbon Disulfide
Concen: 0.615 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

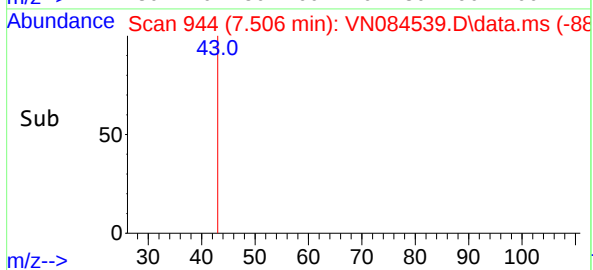
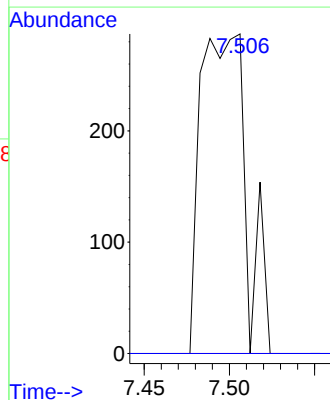
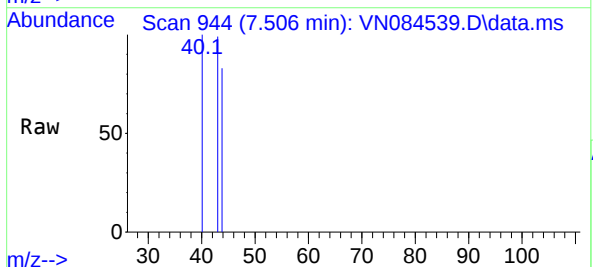
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-338-340

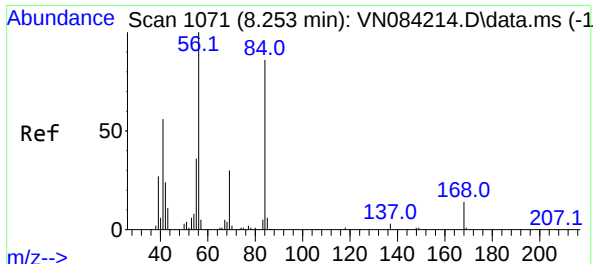
Tgt Ion: 76 Resp: 3307
Ion Ratio Lower Upper
76 100
78 15.5 7.3 10.9#



#25
2-Butanone
Concen: 0.410 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.024 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#





#31

Cyclohexane

Concen: 1.040 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084539.D

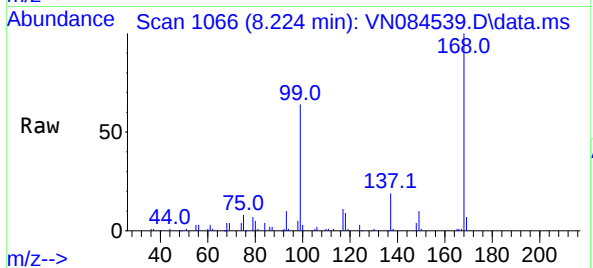
Acq: 28 Oct 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-338-340



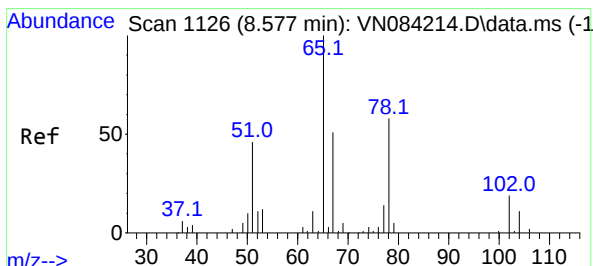
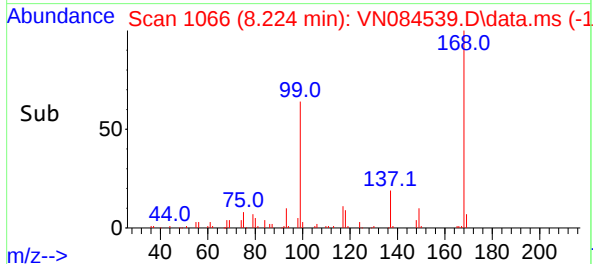
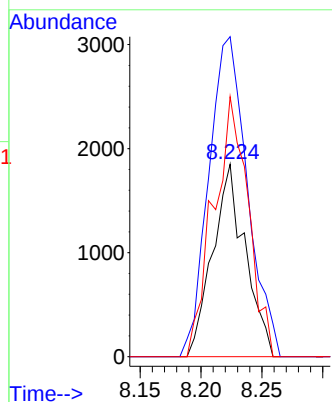
Tgt Ion: 56 Resp: 3446

Ion Ratio Lower Upper

56 100

69 166.3 23.8 35.6#

84 135.1 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 50.863 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084539.D

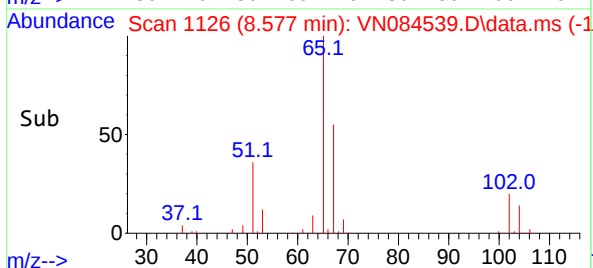
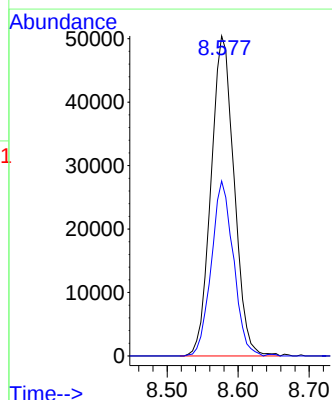
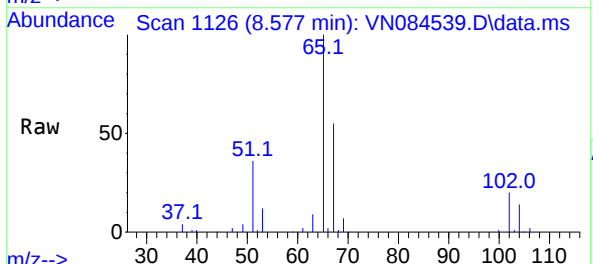
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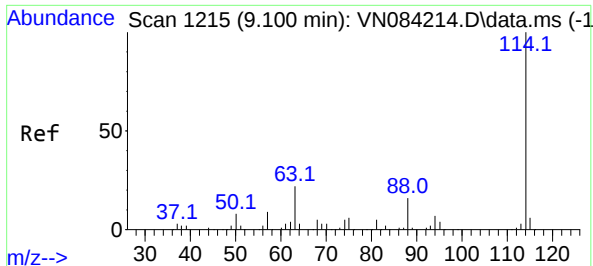
Tgt Ion: 65 Resp: 113726

Ion Ratio Lower Upper

65 100

67 52.3 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: VN084539.D

Acq: 28 Oct 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-338-340

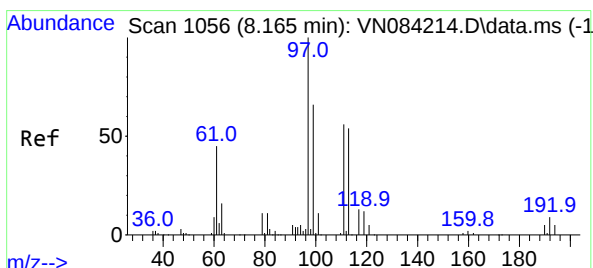
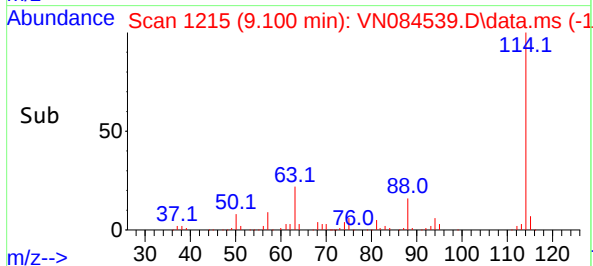
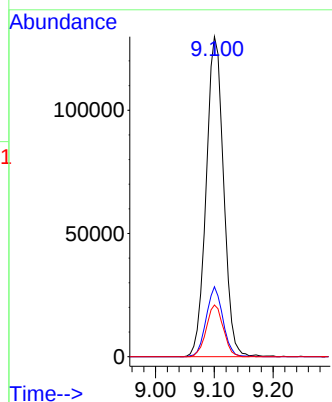
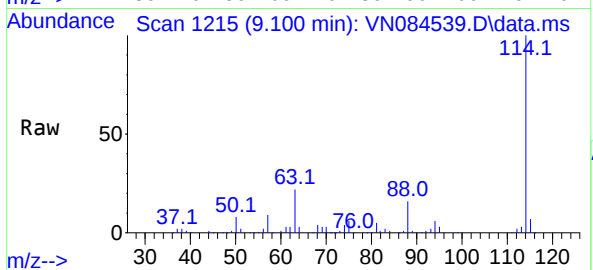
Tgt Ion:114 Resp: 267490

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 16.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.878 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084539.D

Acq: 28 Oct 2024 15:05

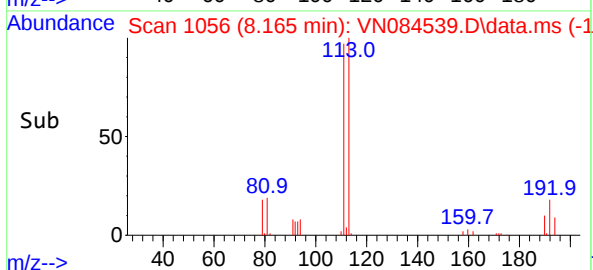
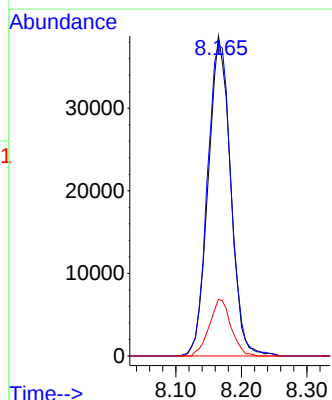
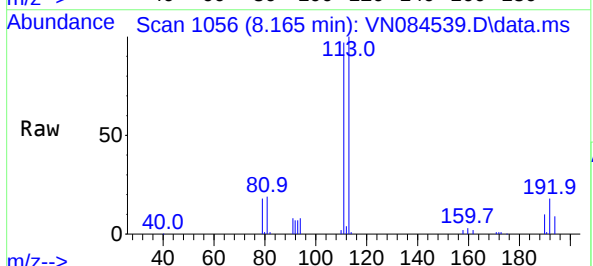
Tgt Ion:113 Resp: 91484

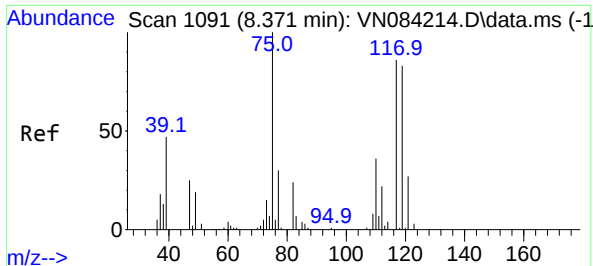
Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

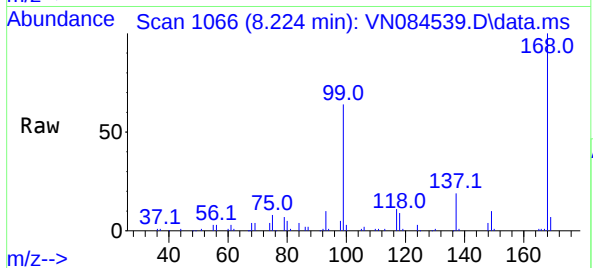
192 17.2 13.5 20.3



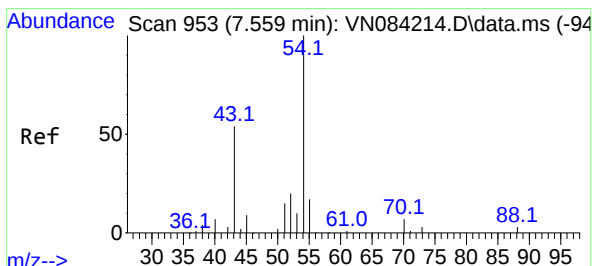
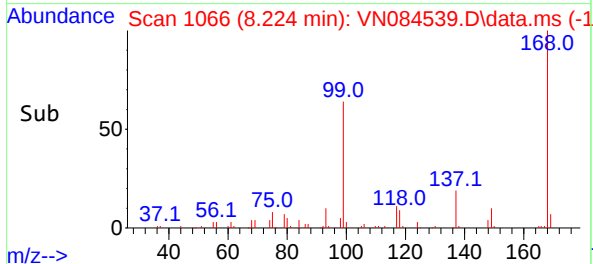
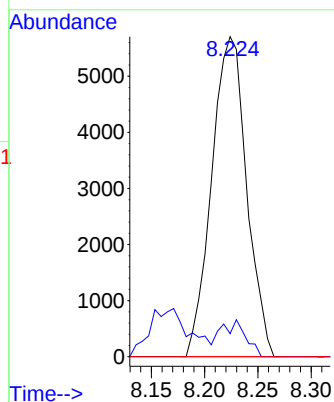


#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-338-340

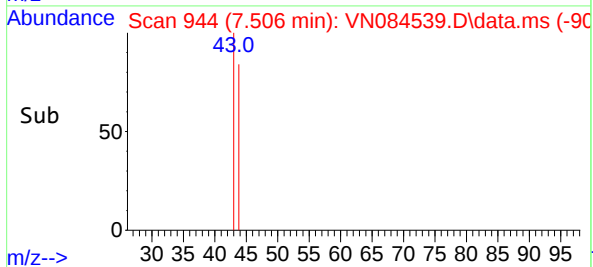
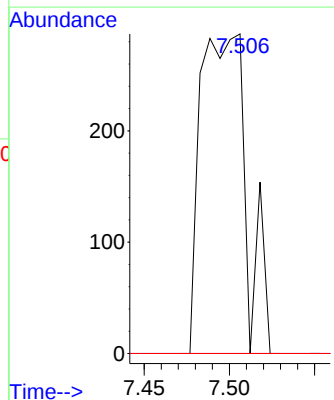
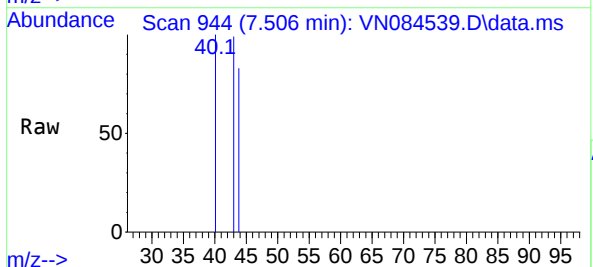


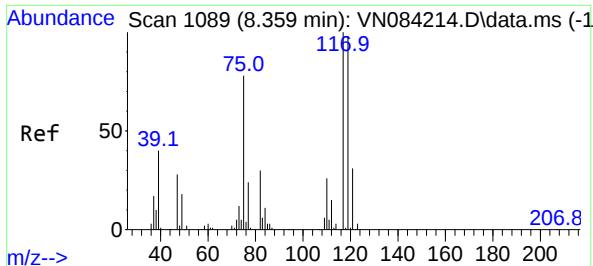
Tgt Ion: 75 Resp: 13019
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.204 ug/l
RT: 7.506 min Scan# 944
Delta R.T. -0.053 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#

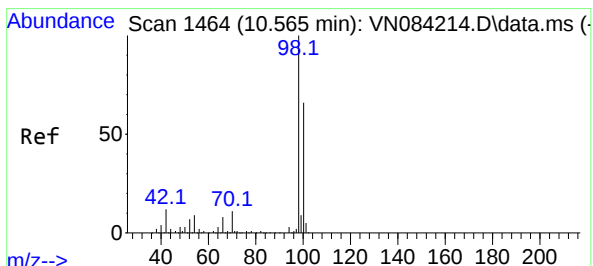
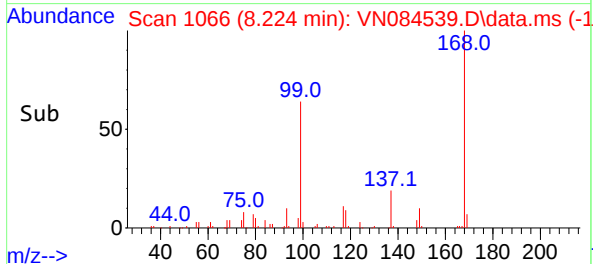
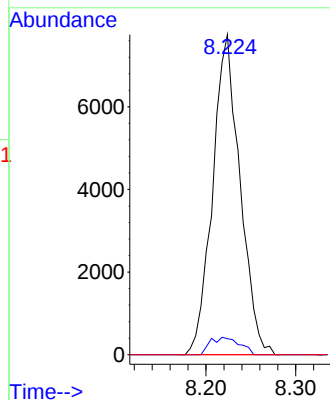
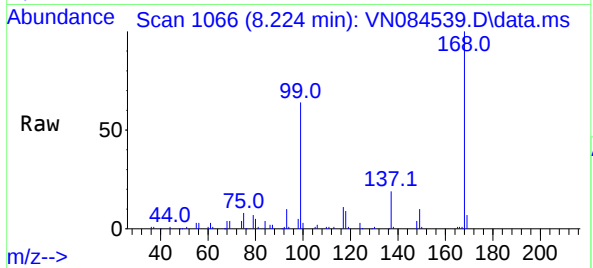




#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

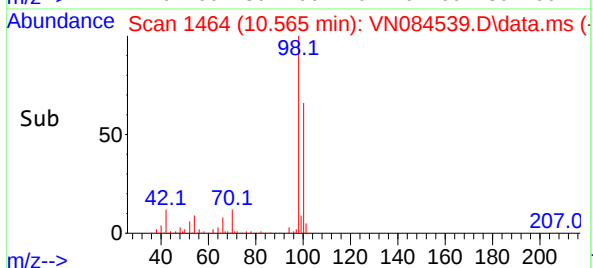
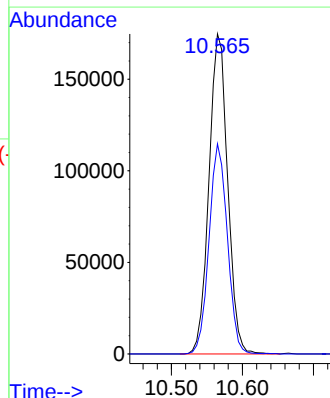
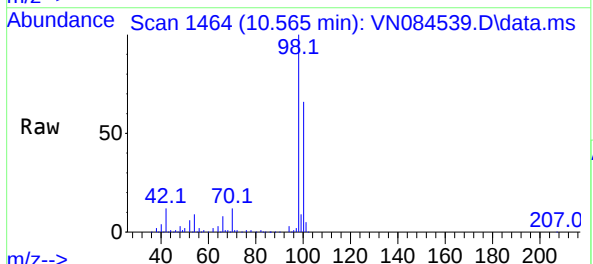
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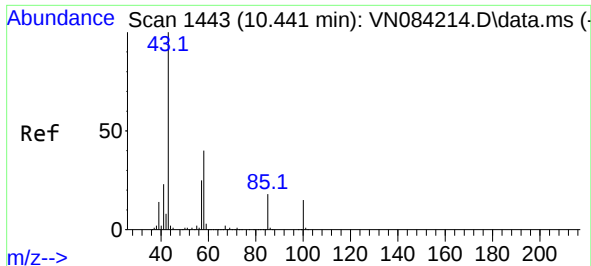
Tgt Ion:117 Resp: 16429
Ion Ratio Lower Upper
117 100
119 5.0 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 98 Resp: 319558
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

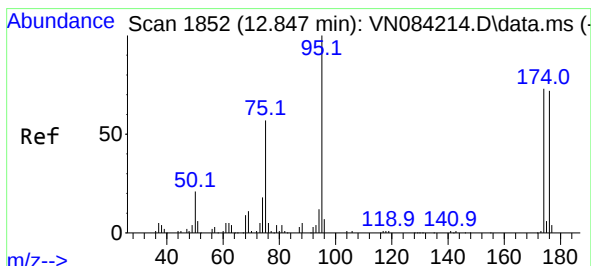
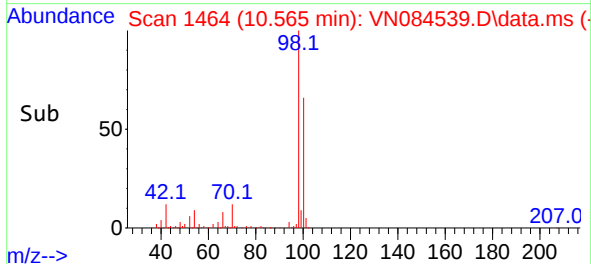
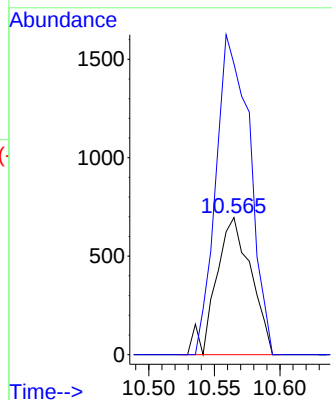
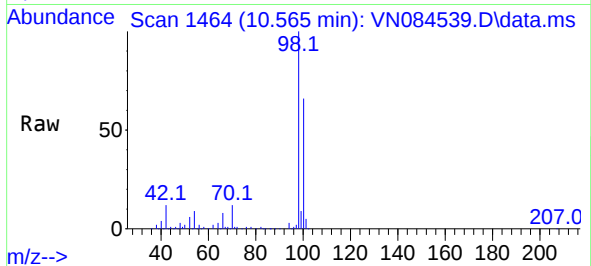




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

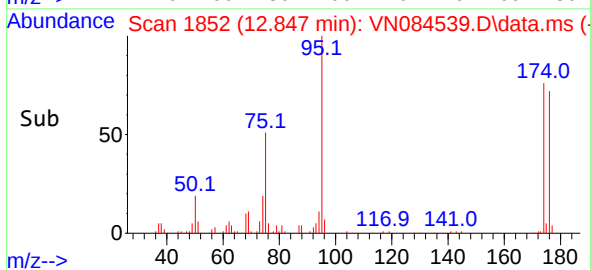
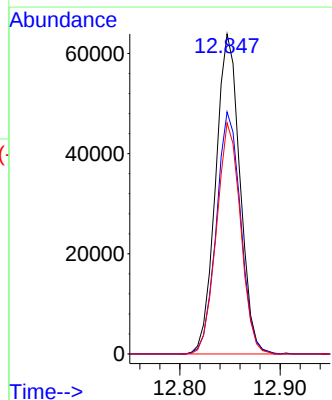
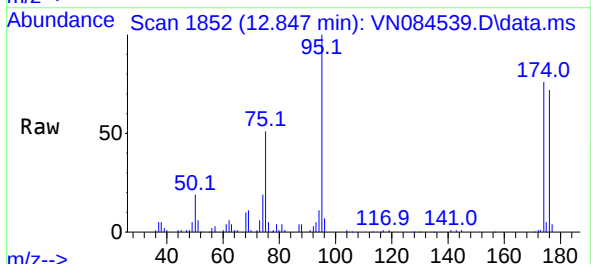
Instrument :
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BP-VPB-190-GW-338-340

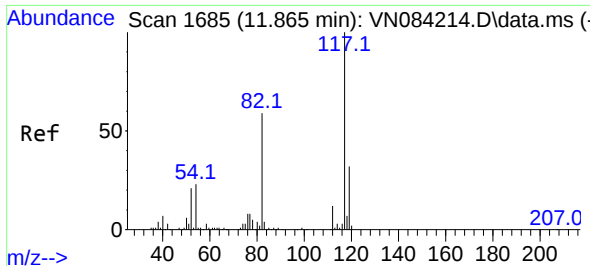
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 226.0 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 95 Resp: 107270
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.2
176 71.6 0.0 140.0

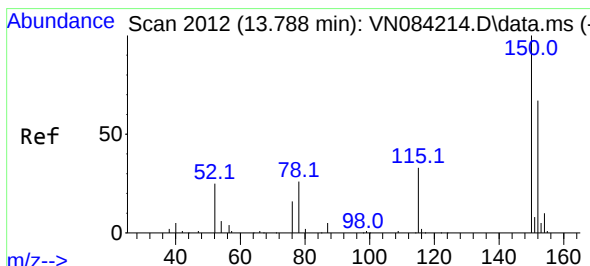
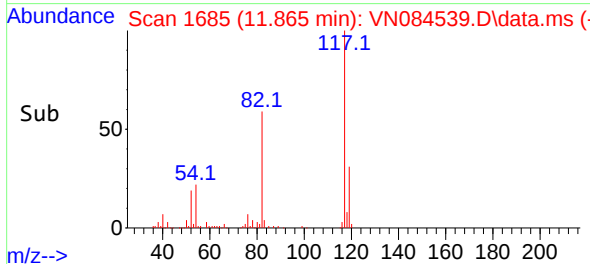
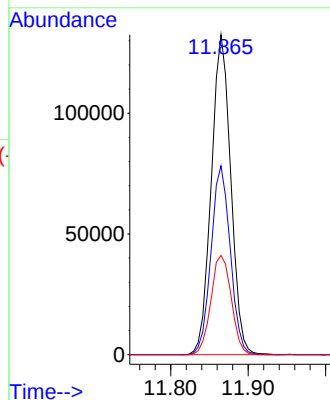
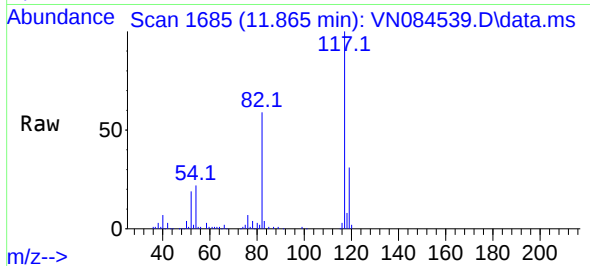




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

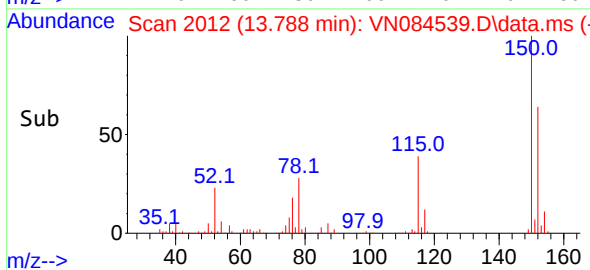
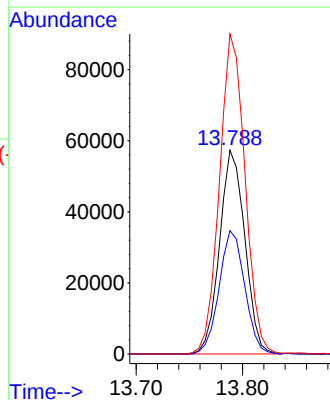
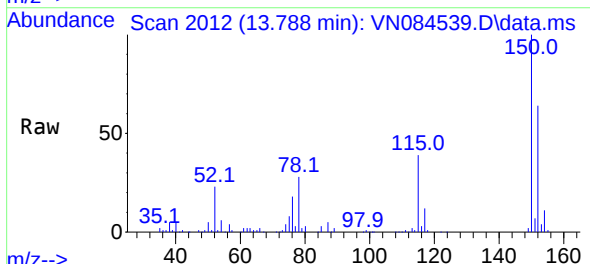
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-338-340

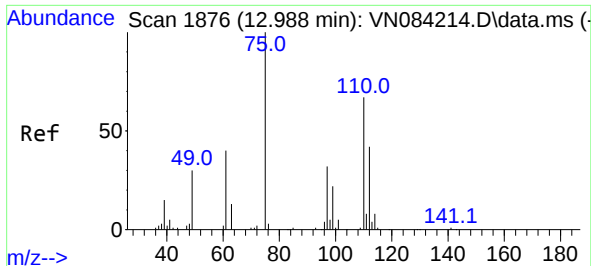
Tgt Ion:117 Resp: 231312
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion:152 Resp: 94475
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.9
150 158.7 0.0 349.8

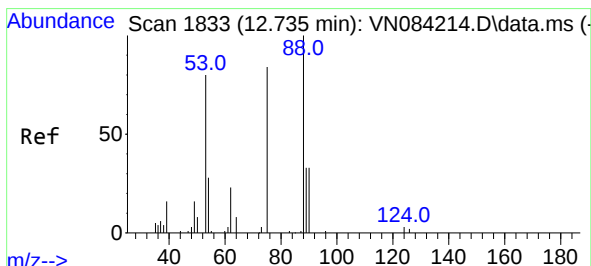
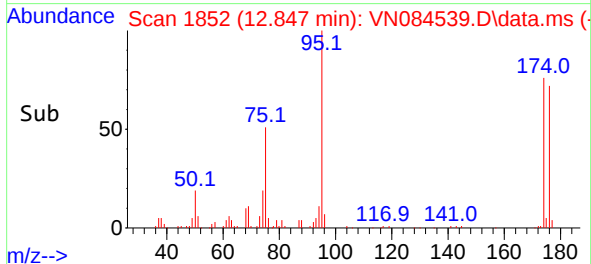
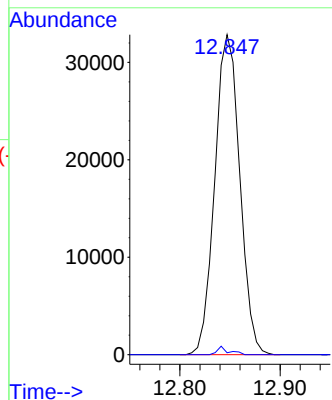
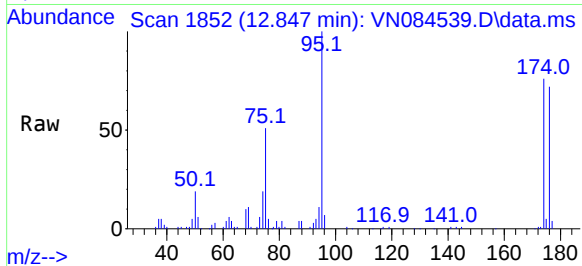




#76
1,2,3-Trichloropropane
Concen: 29.490 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-338-340

Tgt Ion: 75 Resp: 56878
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084539.D
Acq: 28 Oct 2024 15:05

Tgt Ion: 75 Resp: 56878
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

