

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%

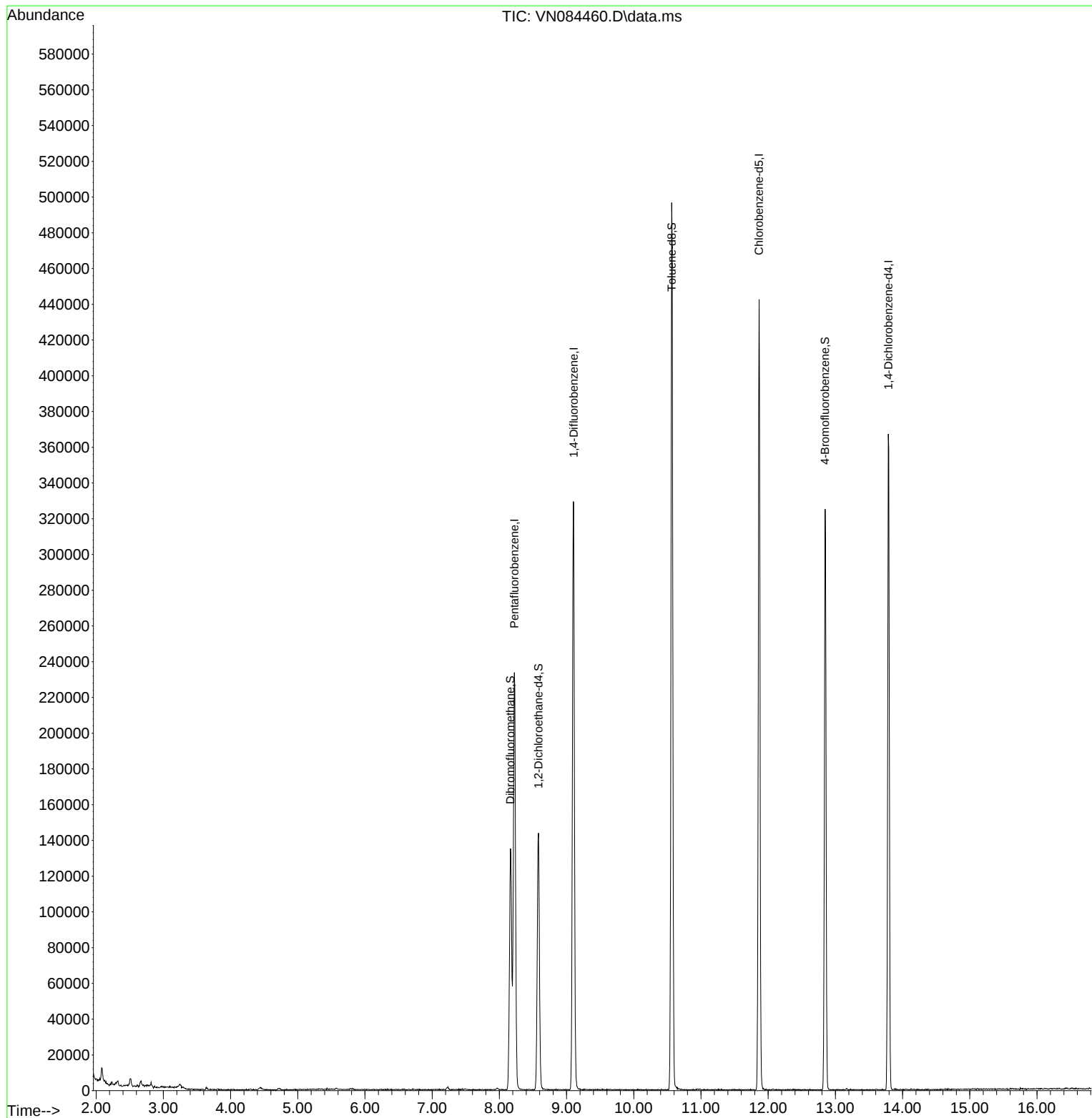
Target Compounds	Qvalue

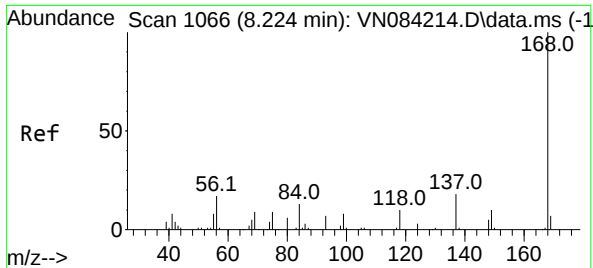
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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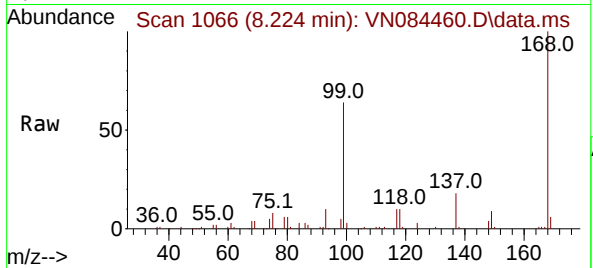
Quant Time: Oct 23 01:31:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
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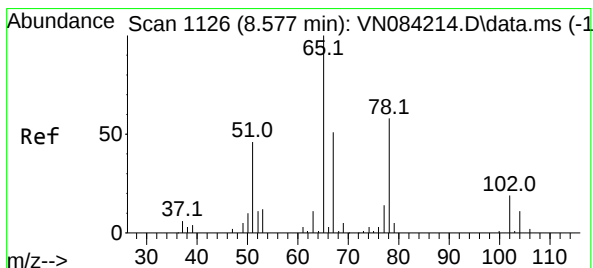
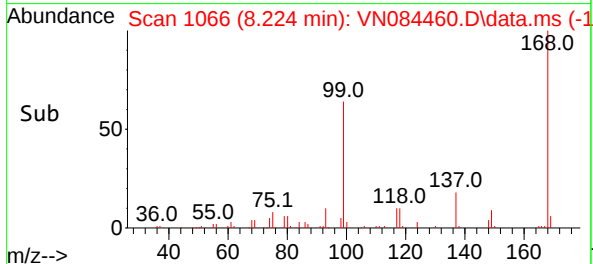
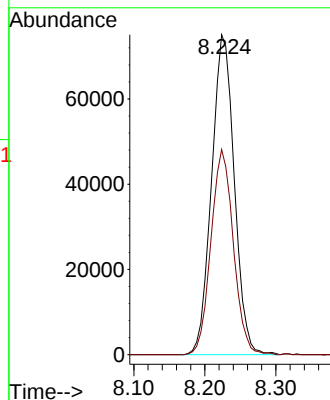


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084460.D
Acq: 22 Oct 2024 17:33

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

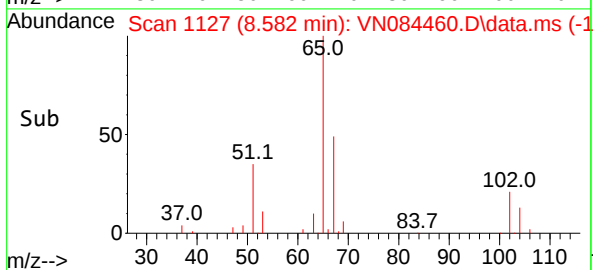
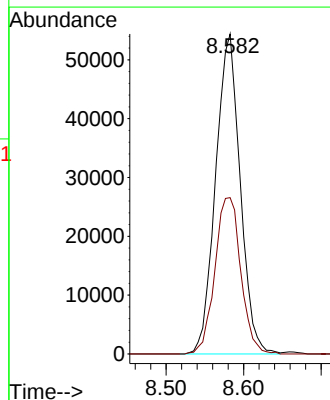
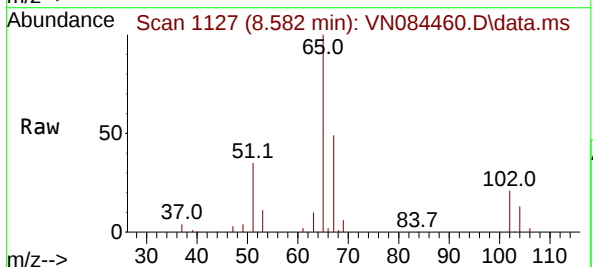


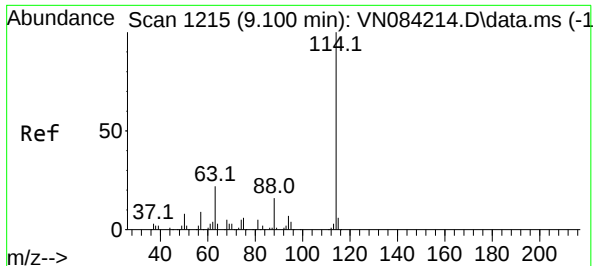
Tgt Ion:168 Resp: 166570
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#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

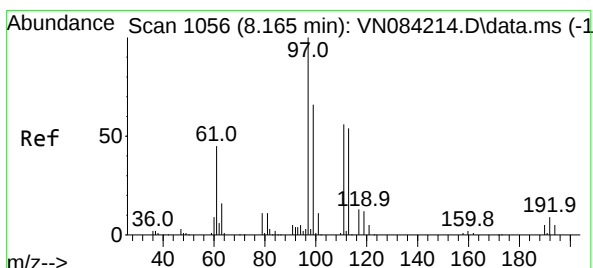
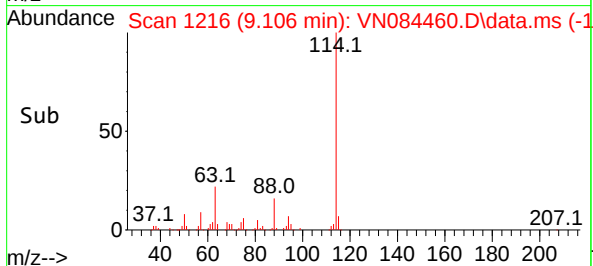
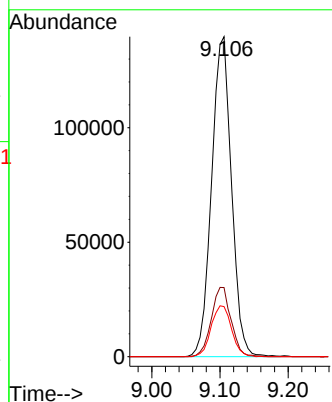
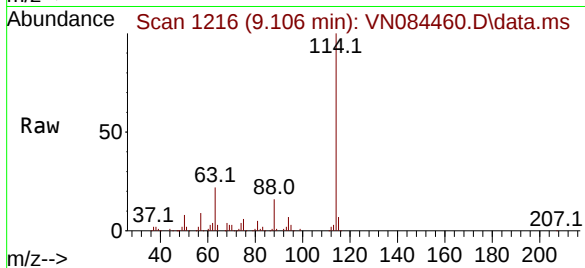
Tgt Ion:114 Resp: 283884

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

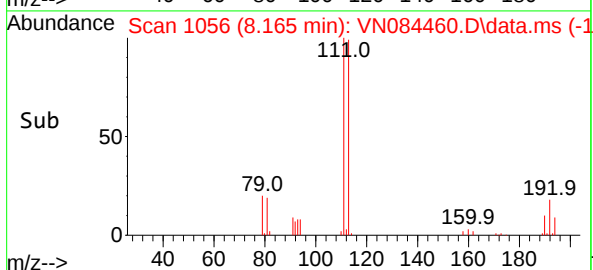
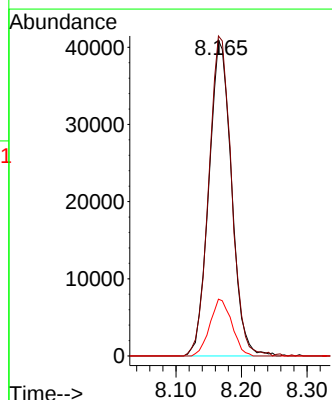
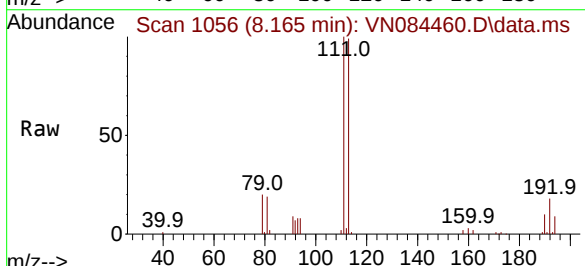
Tgt Ion:113 Resp: 97898

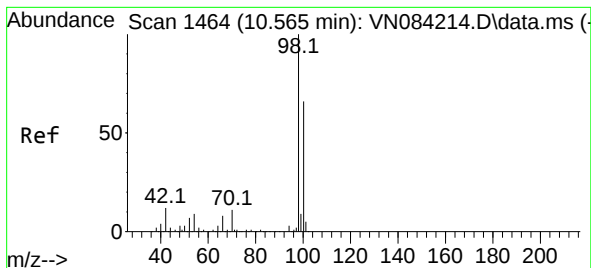
Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.4 13.5 20.3





#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

Instrument :

MSVOA_N

ClientSampleId :

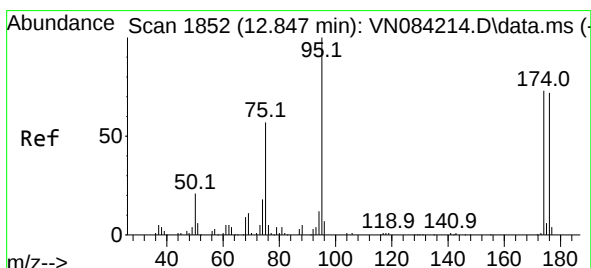
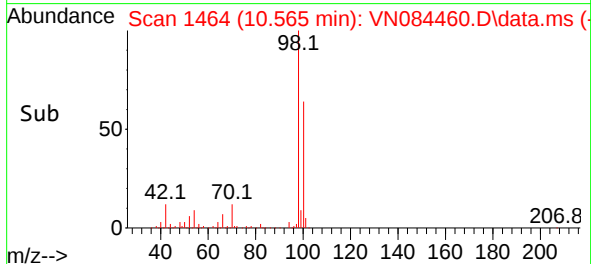
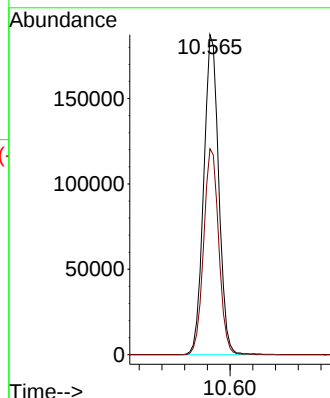
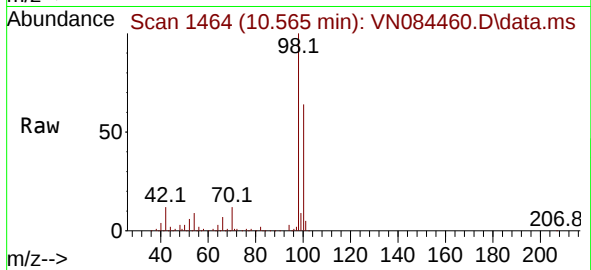
BP-VPB-190-GW-223-225

Tgt Ion: 98 Resp: 342529

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#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

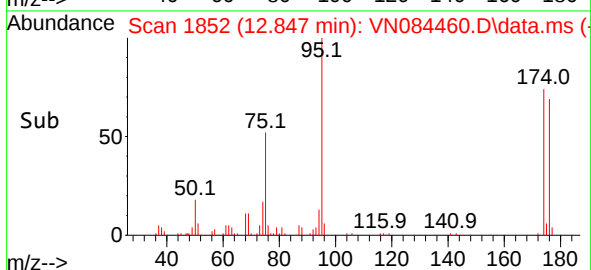
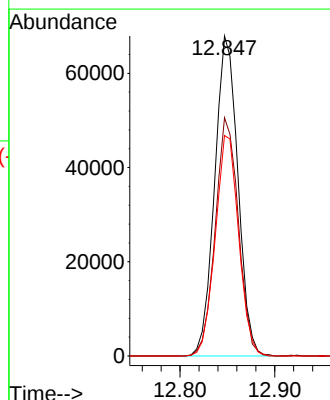
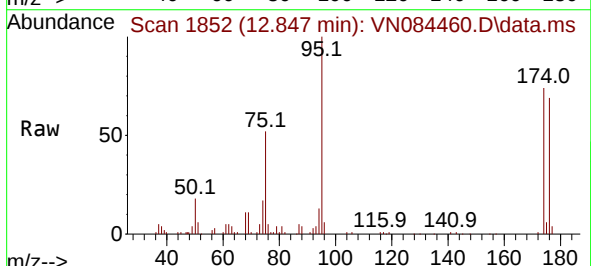
Tgt Ion: 95 Resp: 115675

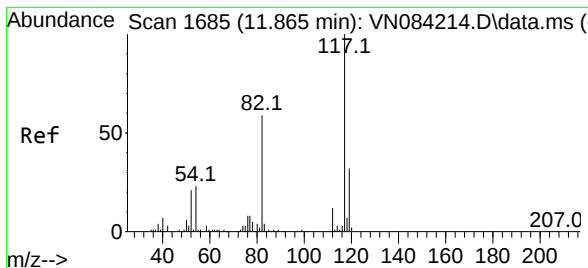
Ion Ratio Lower Upper

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

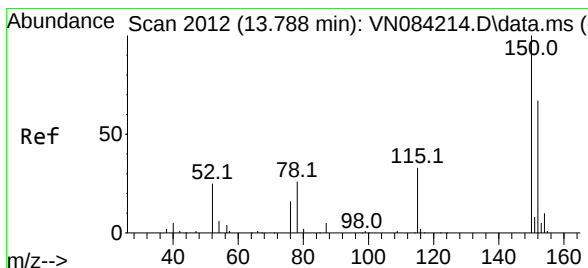
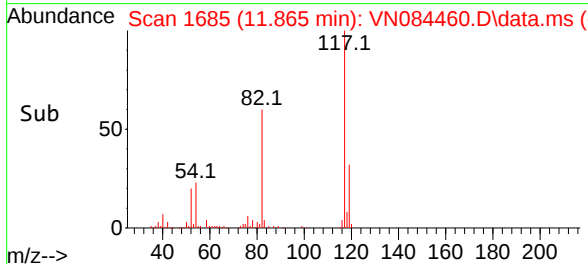
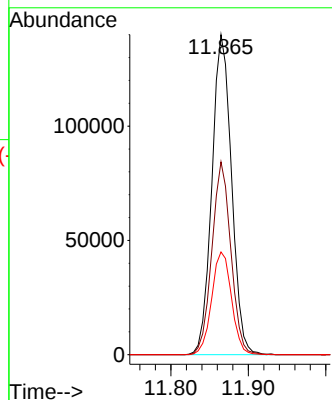
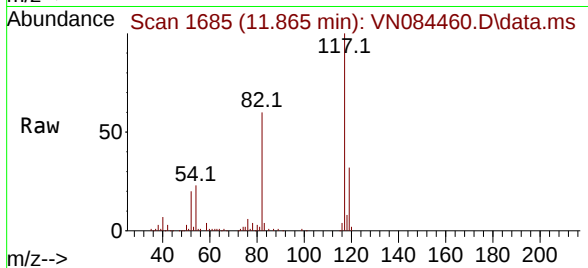
Tgt Ion:117 Resp: 246455

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

