

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084458.D
 Acq On : 22 Oct 2024 16:45
 Operator : JC\MD
 Sample : P4475-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-258-260

Quant Time: Oct 23 01:30:38 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	160725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116778	49.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	8.165	113	93750	51.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.565	98	335172	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.847	95	116709	47.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.300%

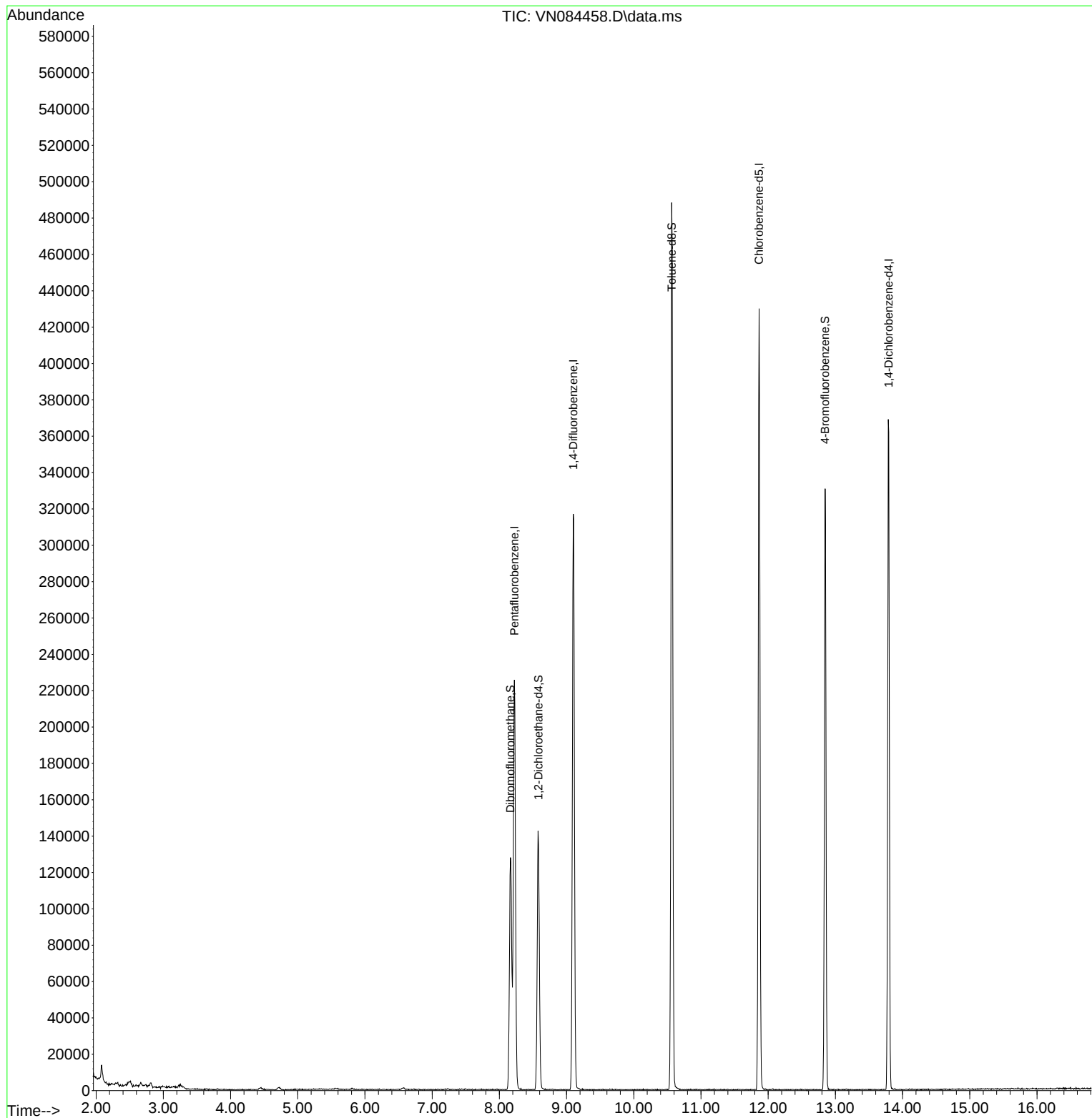
Target Compounds	Qvalue

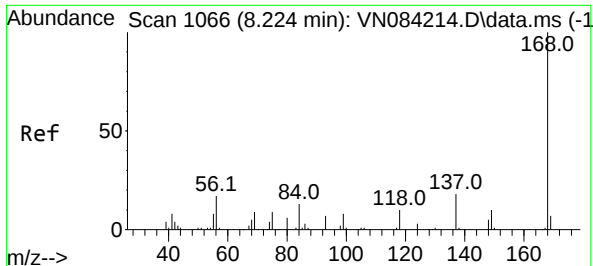
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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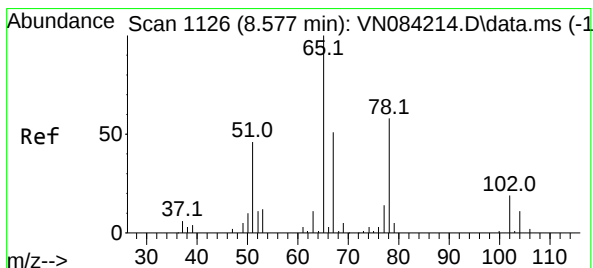
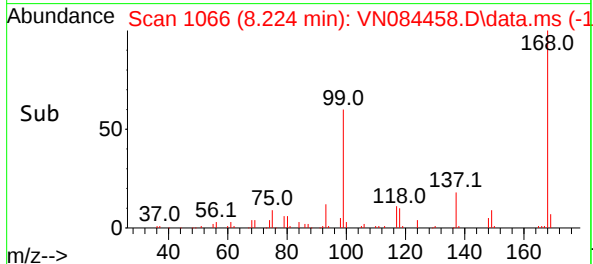
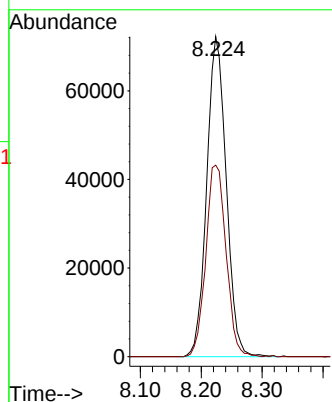
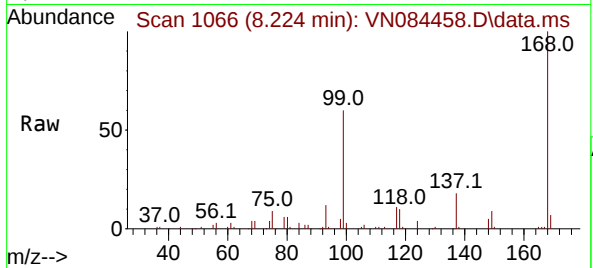




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

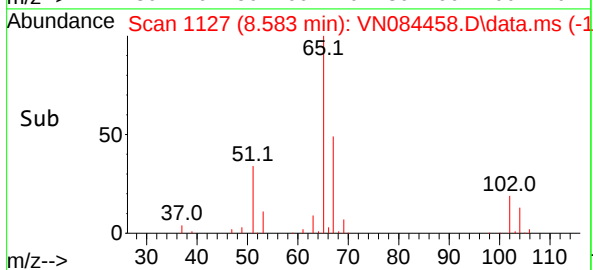
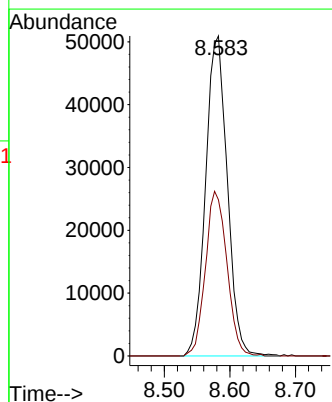
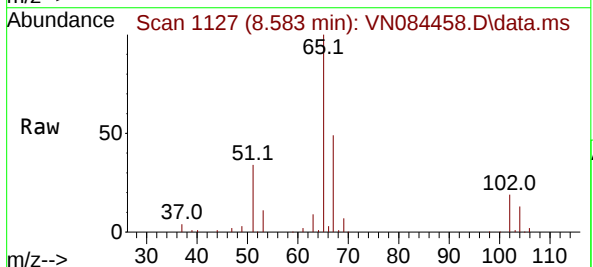
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-258-260

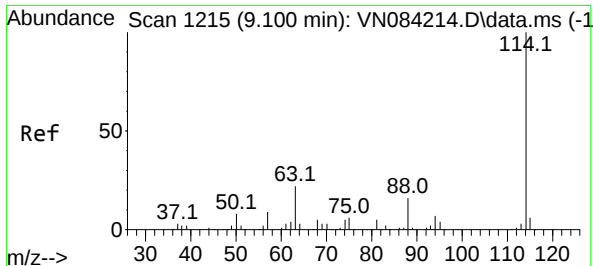
Tgt Ion:168 Resp: 160725
Ion Ratio Lower Upper
168 100
99 59.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.004 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion: 65 Resp: 116778
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-258-260

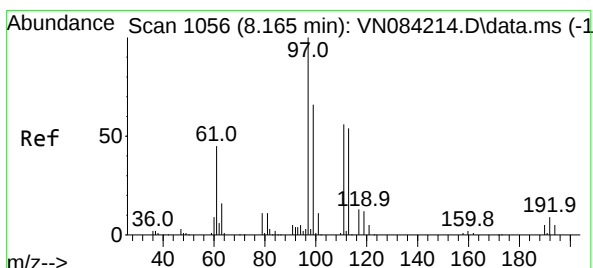
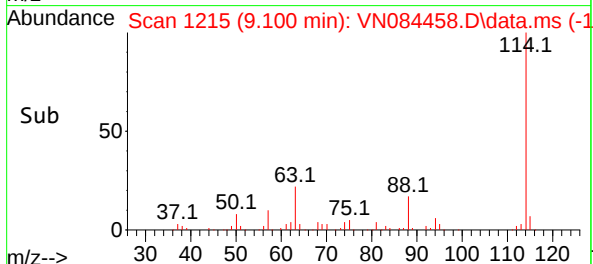
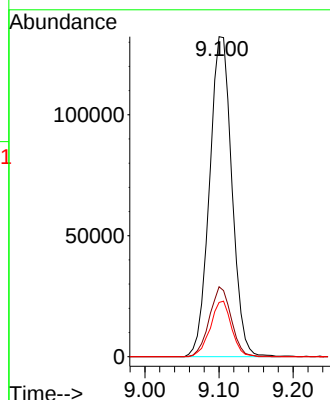
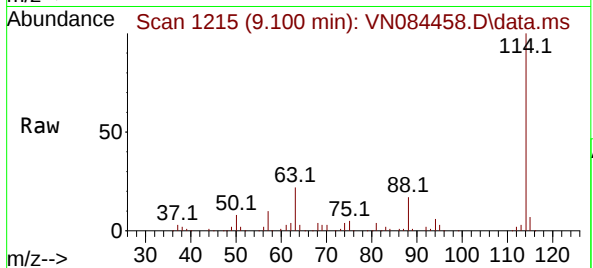
Tgt Ion:114 Resp: 277213

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.298 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

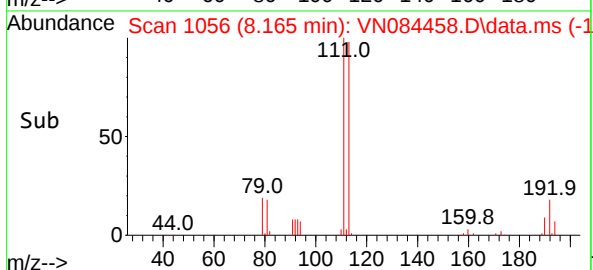
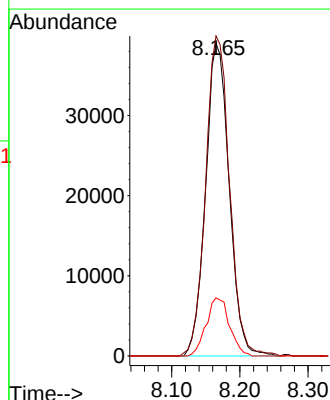
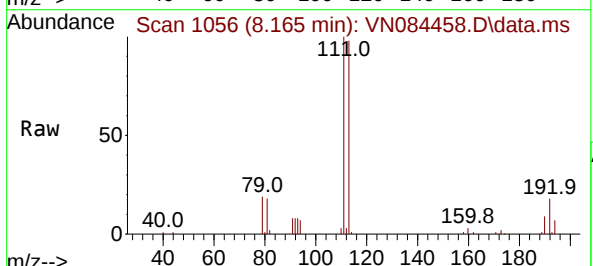
Tgt Ion:113 Resp: 93750

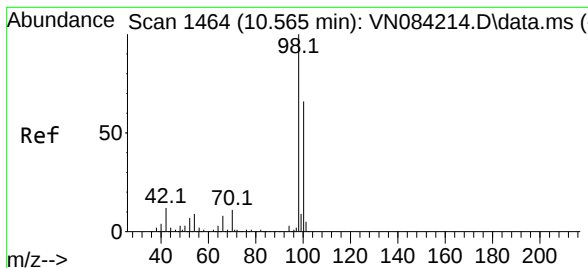
Ion Ratio Lower Upper

113 100

111 104.0 83.3 124.9

192 18.4 13.5 20.3





#50

Toluene-d8

Concen: 49.849 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

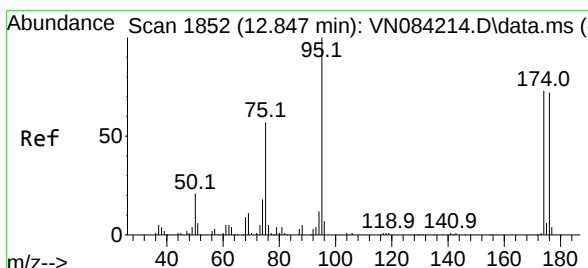
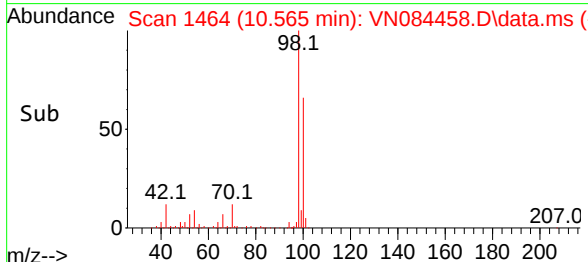
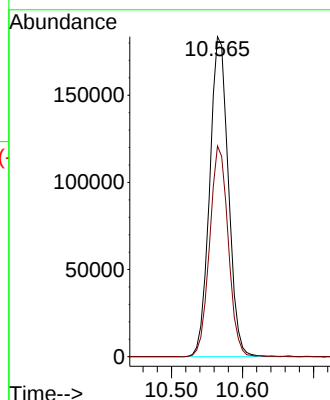
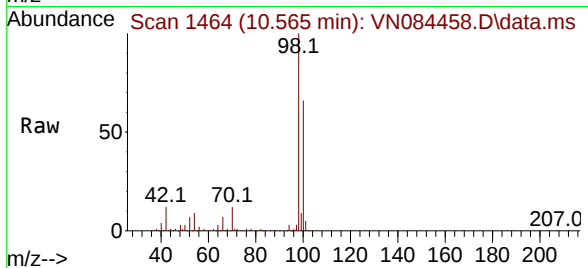
BP-VPB-190-GW-258-260

Tgt Ion: 98 Resp: 335172

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 47.645 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084458.D

Acq: 22 Oct 2024 16:45

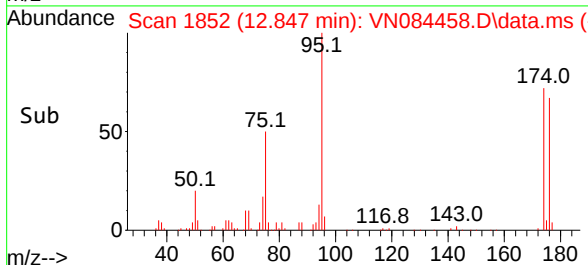
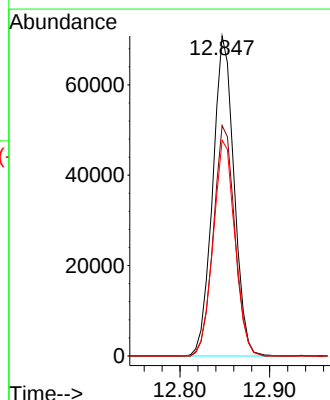
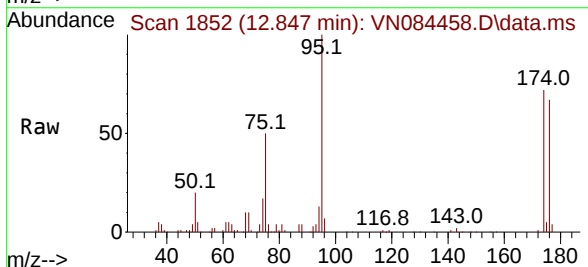
Tgt Ion: 95 Resp: 116709

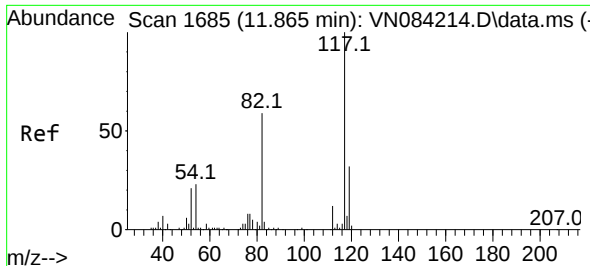
Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.2

176 69.0 0.0 140.0

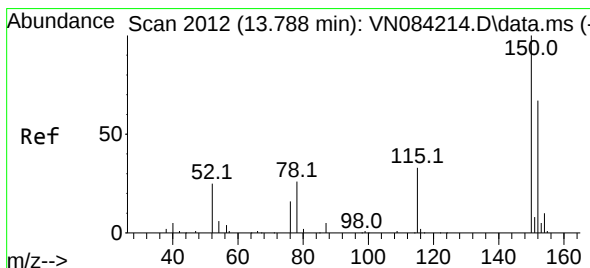
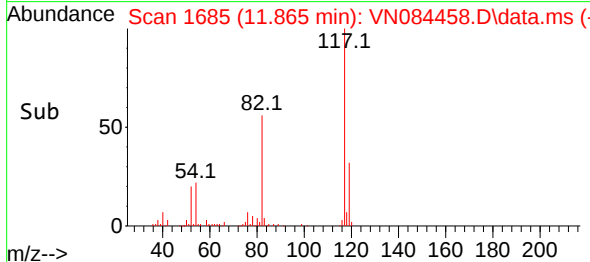
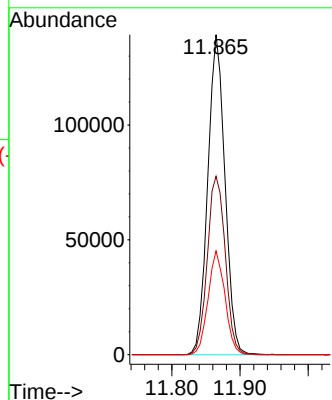
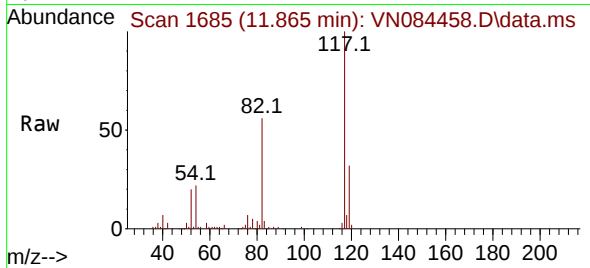




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-258-260

Tgt Ion:117 Resp: 244441
Ion Ratio Lower Upper
117 100
82 55.8 47.2 70.8
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084458.D
Acq: 22 Oct 2024 16:45

Tgt Ion:152 Resp: 99804
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.9
150 158.4 0.0 349.8

