

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084461.D
 Acq On : 22 Oct 2024 17:57
 Operator : JC\MD
 Sample : P4475-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-DUP-20241018

Quant Time: Oct 23 01:31:50 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	163076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	119877	49.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.165	113	96551	52.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.300%
50) Toluene-d8	10.565	98	339927	50.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.847	95	116722	47.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.960%

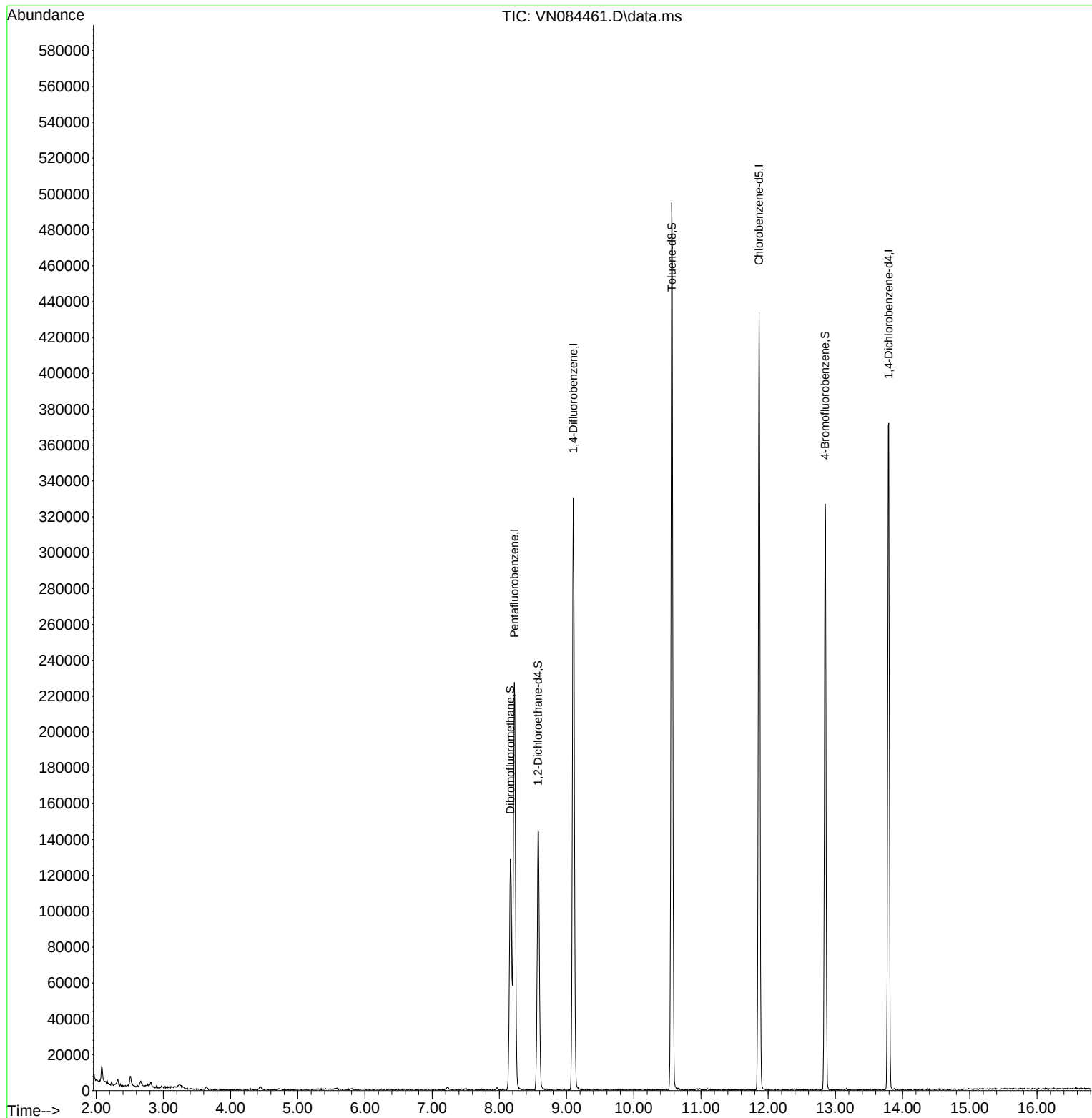
Target Compounds	Qvalue

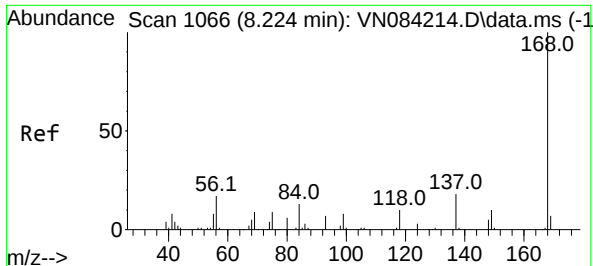
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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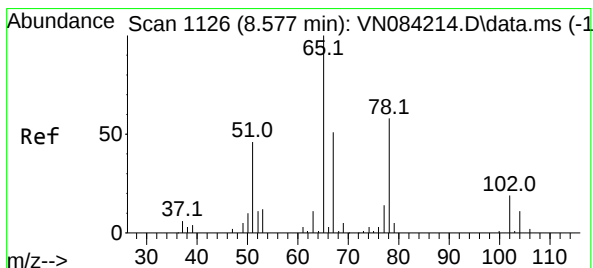
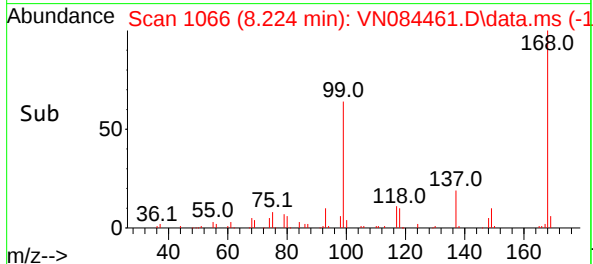
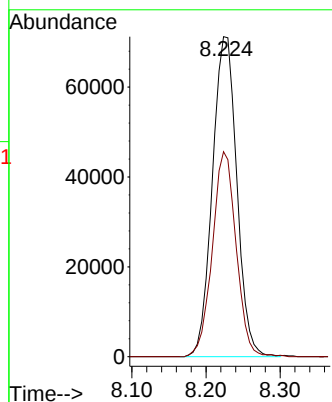
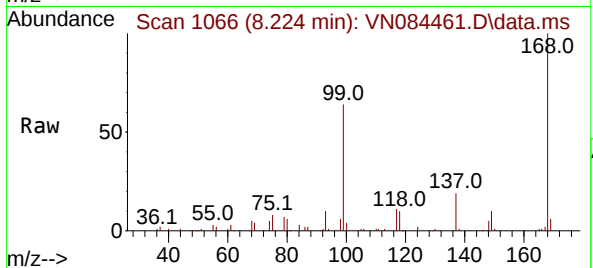




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

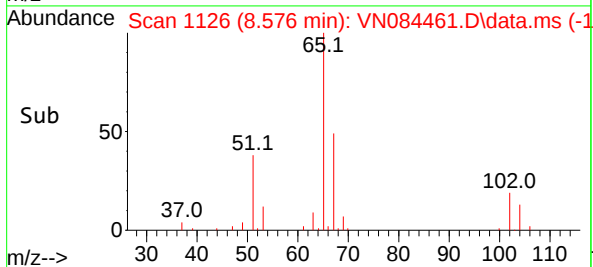
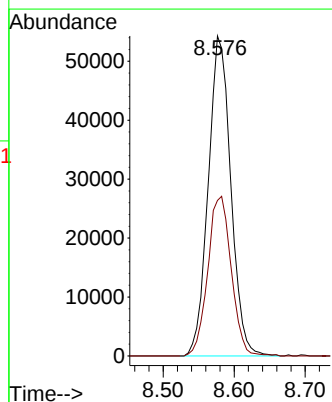
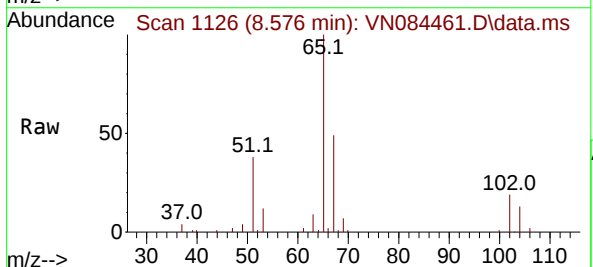
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

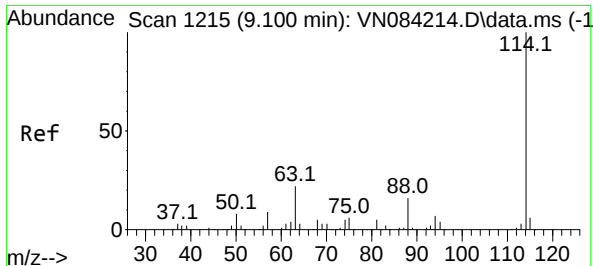
Tgt Ion:168 Resp: 163076
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 49.579 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 65 Resp: 119877
Ion Ratio Lower Upper
65 100
67 51.9 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: VN084461.D

Acq: 22 Oct 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-DUP-20241018

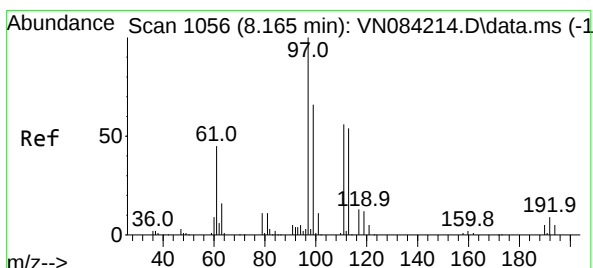
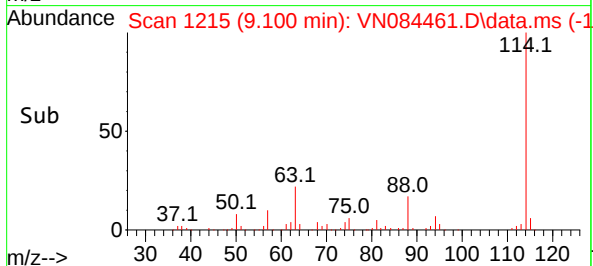
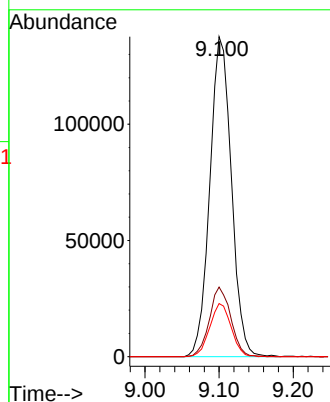
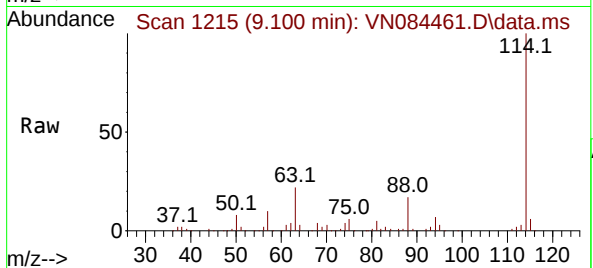
Tgt Ion:114 Resp: 278181

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.647 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

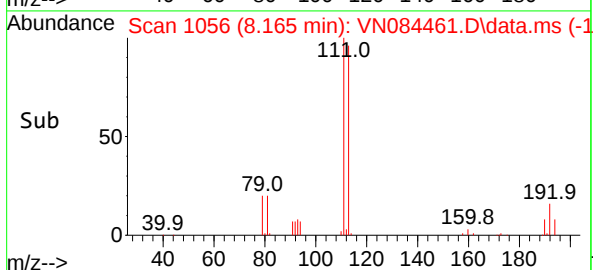
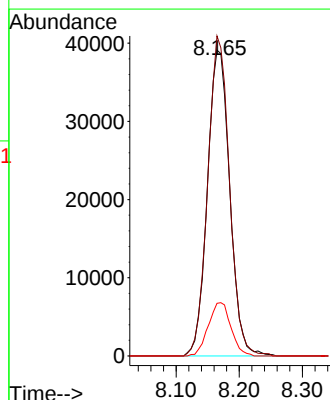
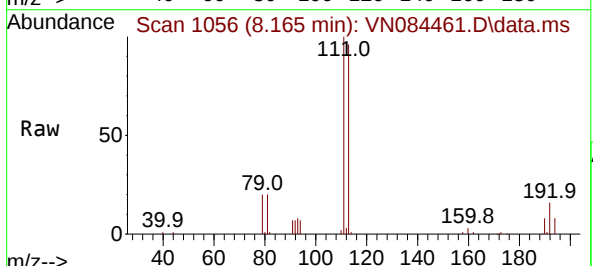
Tgt Ion:113 Resp: 96551

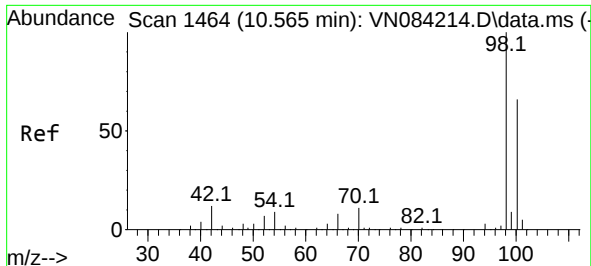
Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

192 17.6 13.5 20.3

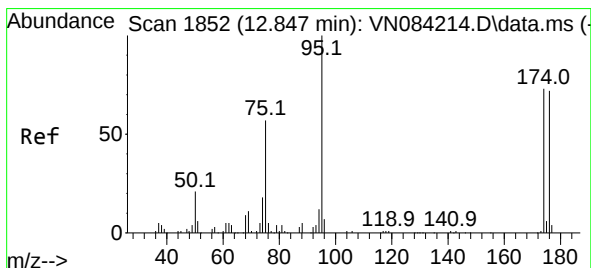
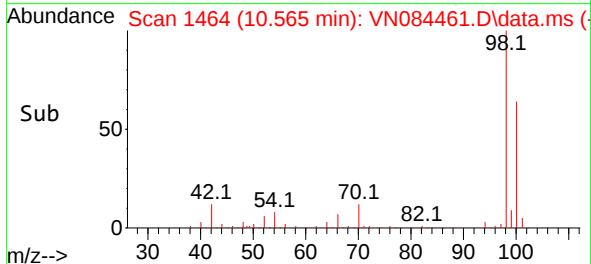
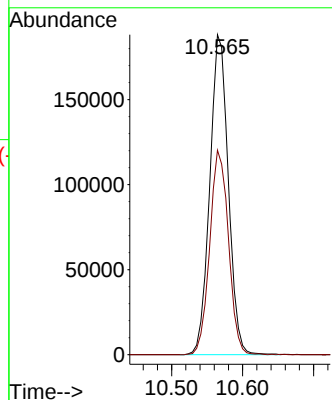
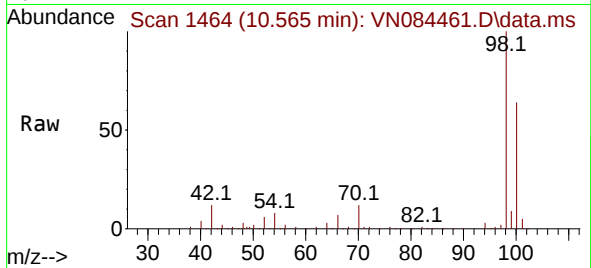




#50
Toluene-d8
Concen: 50.380 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

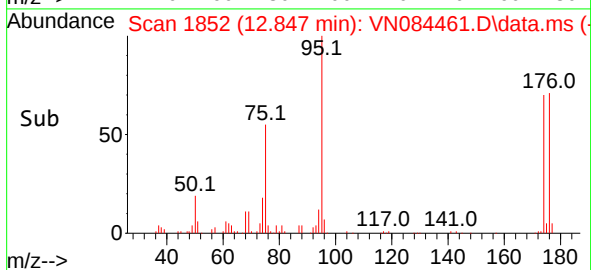
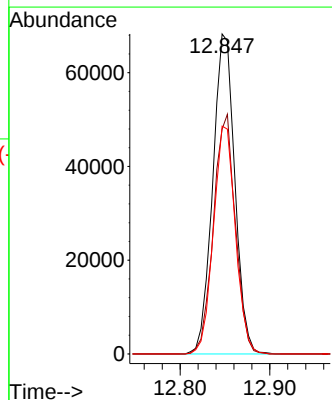
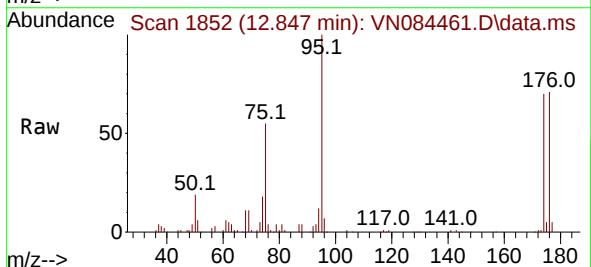
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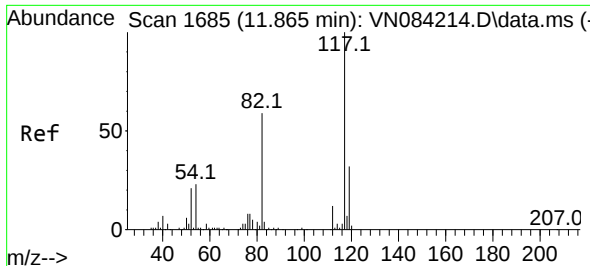
Tgt Ion: 98 Resp: 339927
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 95 Resp: 116722
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 70.8 0.0 140.0

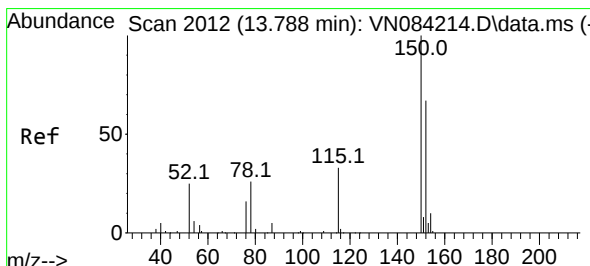
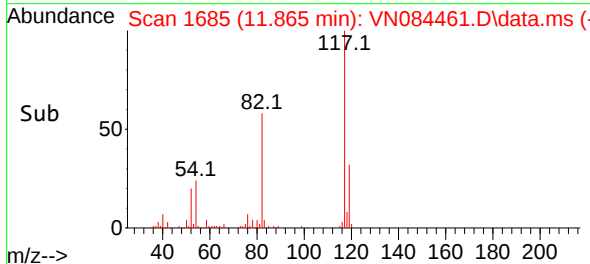
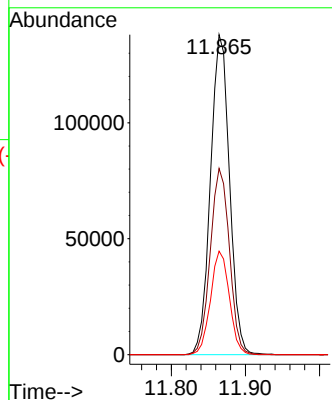
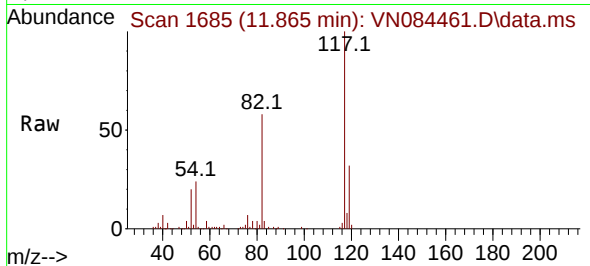




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

Tgt Ion:117 Resp: 246196
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 32.3 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: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion:152 Resp: 100139
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 160.3 0.0 349.8

