

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084440.D
 Acq On : 21 Oct 2024 16:53
 Operator : JC\MD
 Sample : P4438-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-98-100

Quant Time: Oct 22 01:37:41 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	170565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122760	48.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.080%
35) Dibromofluoromethane	8.171	113	98709	50.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	10.565	98	360459	50.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.847	95	121102	46.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.740%

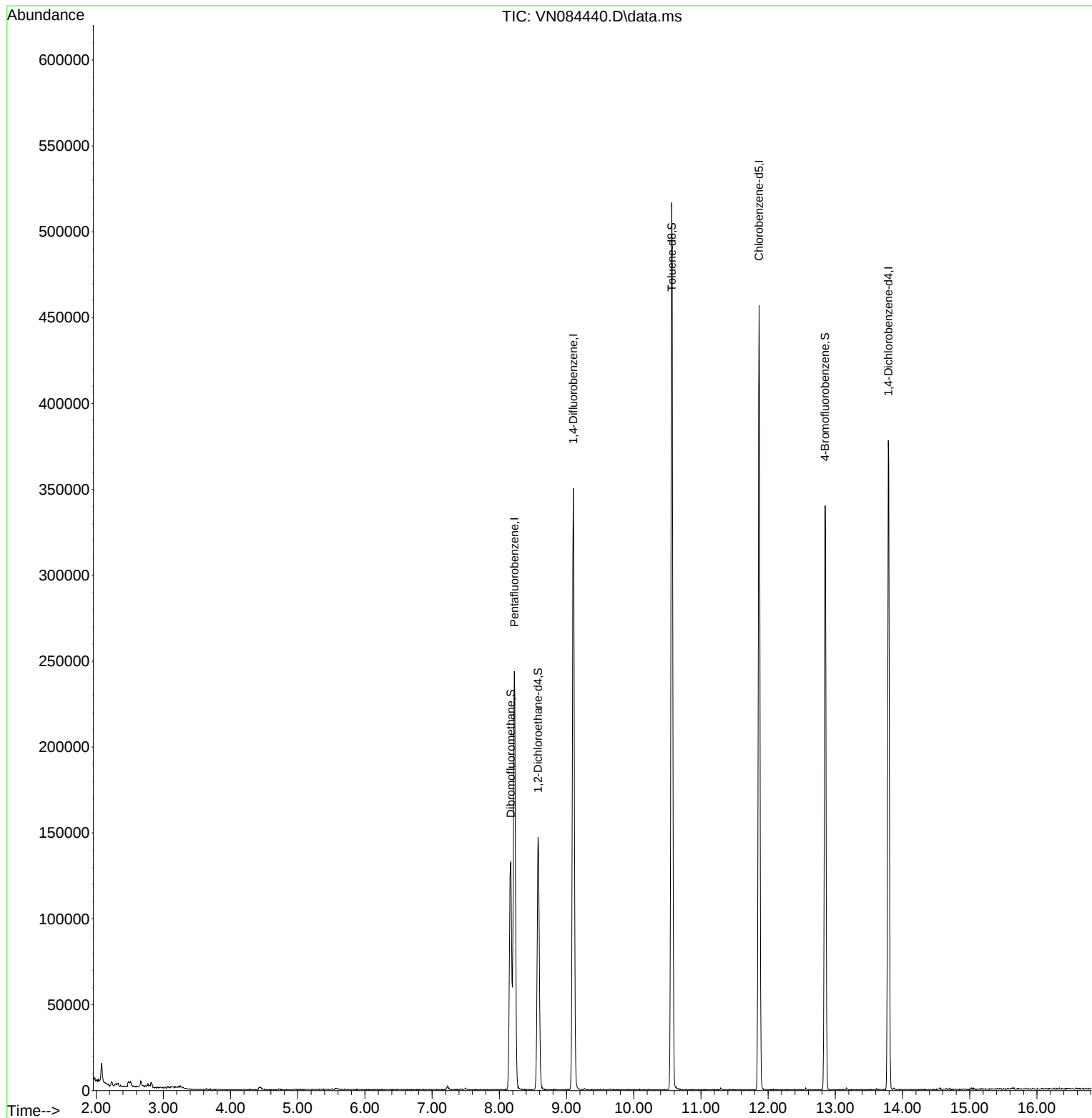
Target Compounds	Qvalue

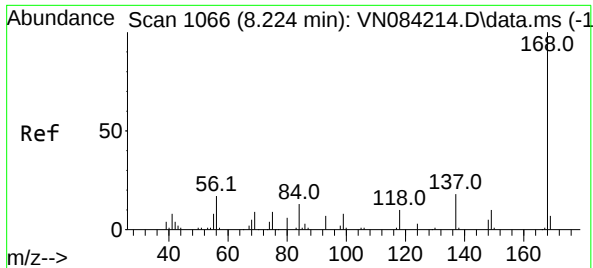
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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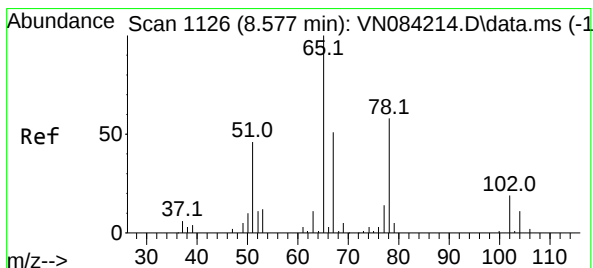
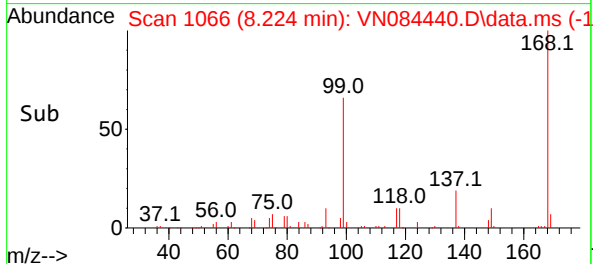
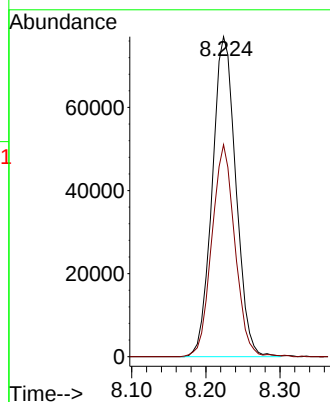
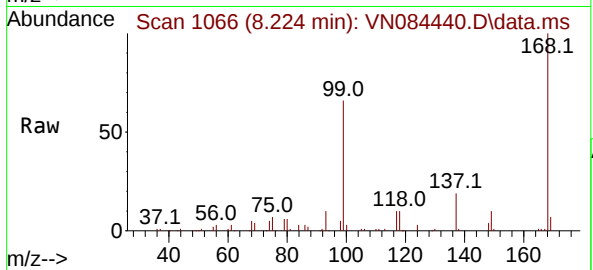




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

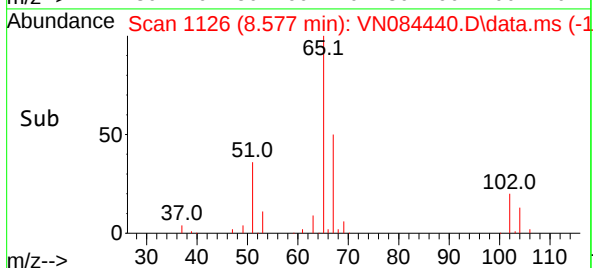
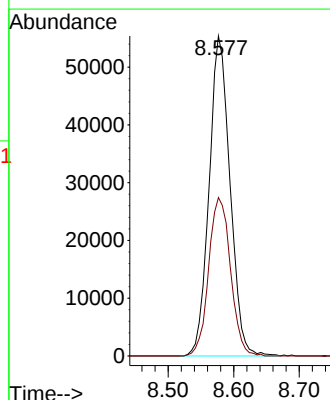
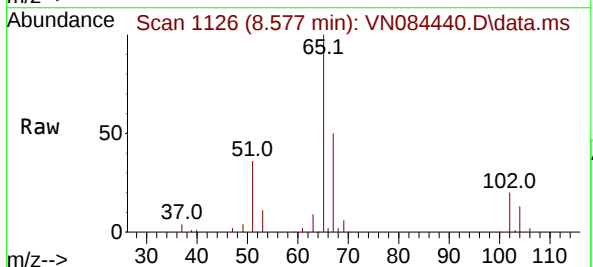
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

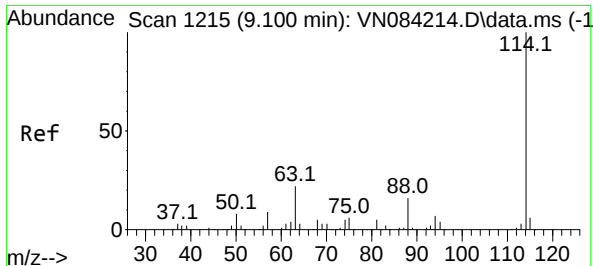
Tgt Ion:168 Resp: 170565
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 48.542 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 65 Resp: 122760
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

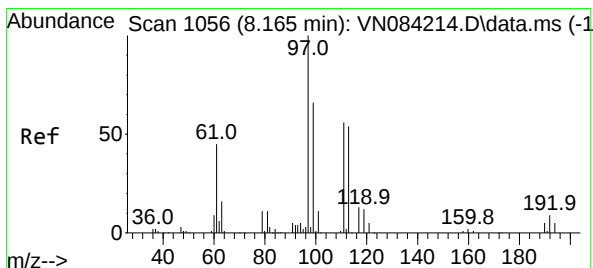
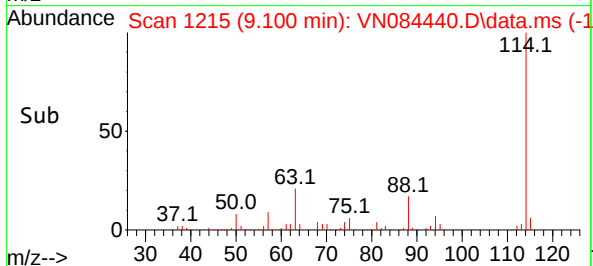
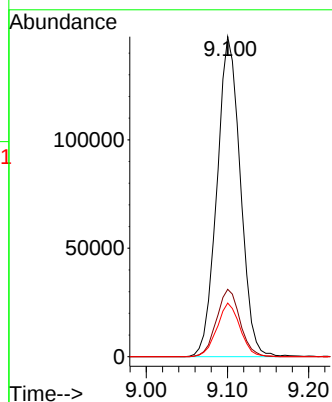
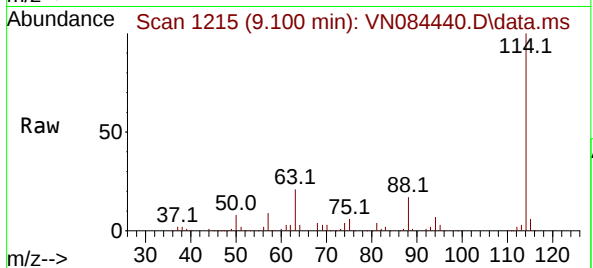




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

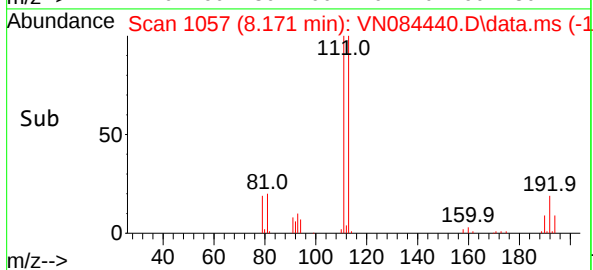
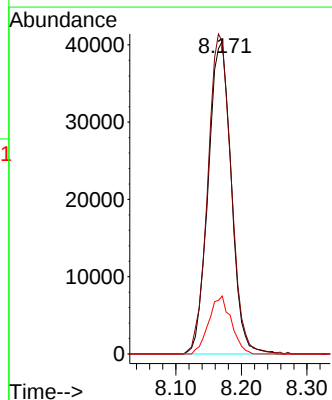
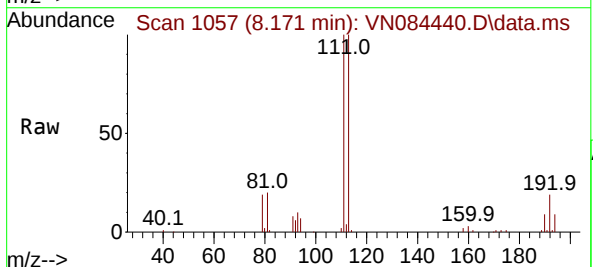
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

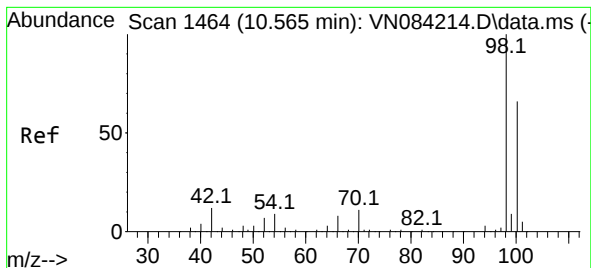
Tgt Ion:114 Resp: 295549
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 16.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion:113 Resp: 98709
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 18.0 13.5 20.3

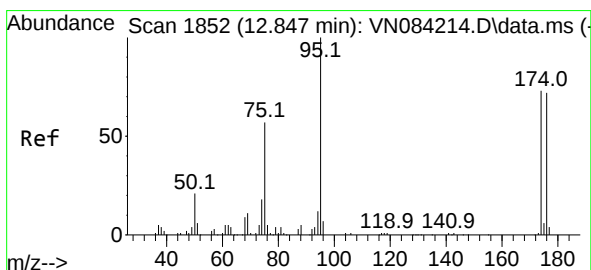
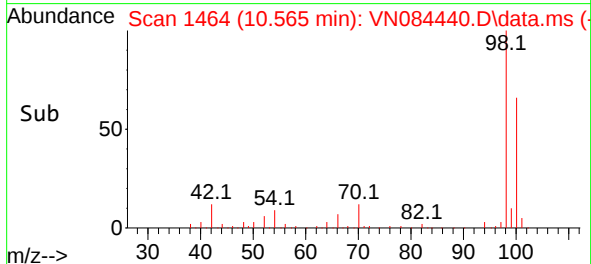
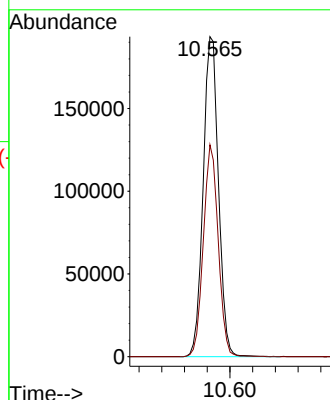
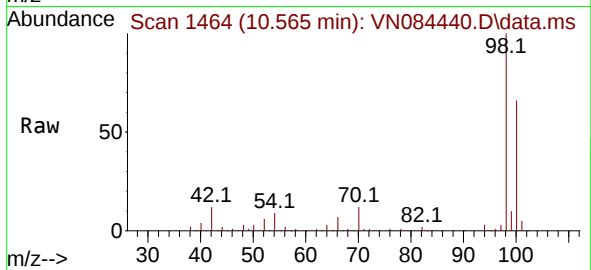




#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

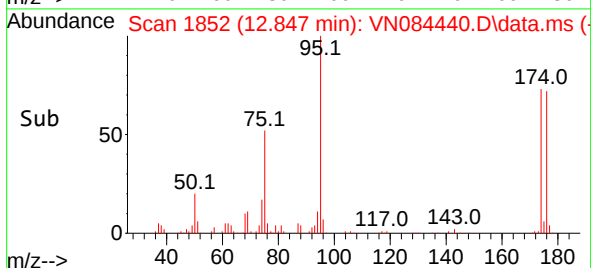
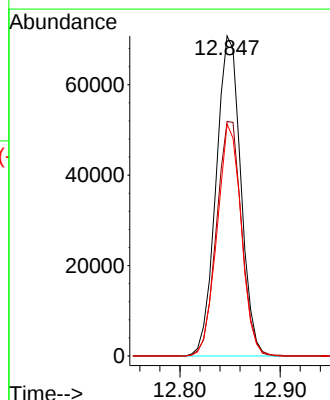
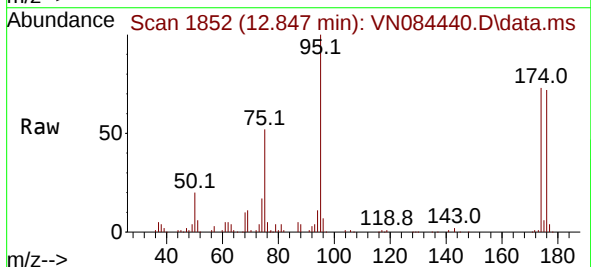
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

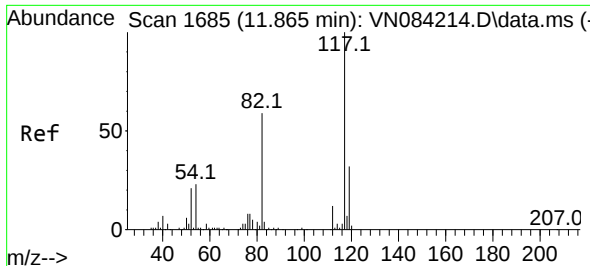
Tgt Ion: 98 Resp: 360459
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion: 95 Resp: 121102
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.2
176 71.0 0.0 140.0

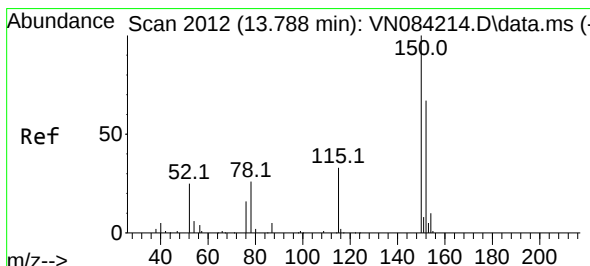
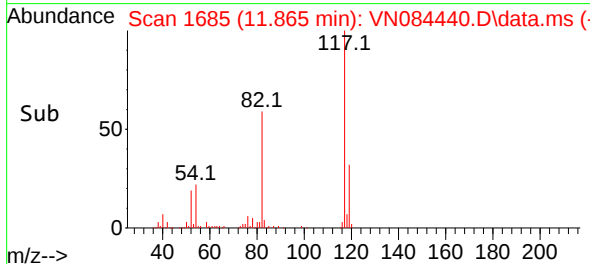
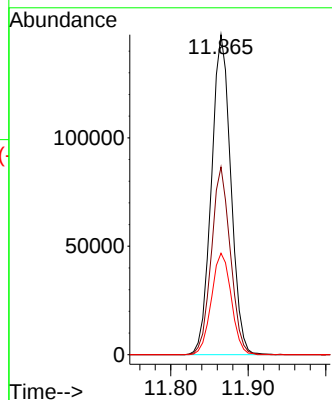
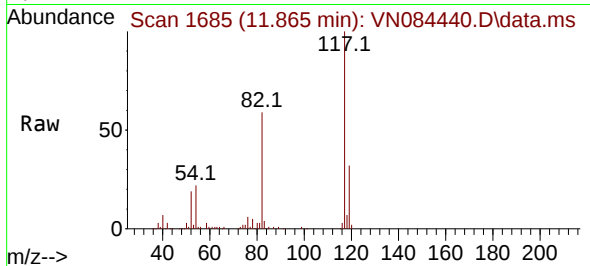




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084440.D
Acq: 21 Oct 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-98-100

Tgt Ion:117 Resp: 256680
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.7 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: VN084440.D
Acq: 21 Oct 2024 16:53

Tgt Ion:152 Resp: 102361
Ion Ratio Lower Upper
152 100
115 63.7 31.3 93.9
150 158.1 0.0 349.8

