

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084437.D
 Acq On : 21 Oct 2024 15:41
 Operator : JC\MD
 Sample : P4440-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-11-TB-20241016

Quant Time: Oct 22 01:35:59 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	177910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125403	47.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.165	113	102688	50.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.565	98	364855	49.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.847	95	123415	45.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.260%

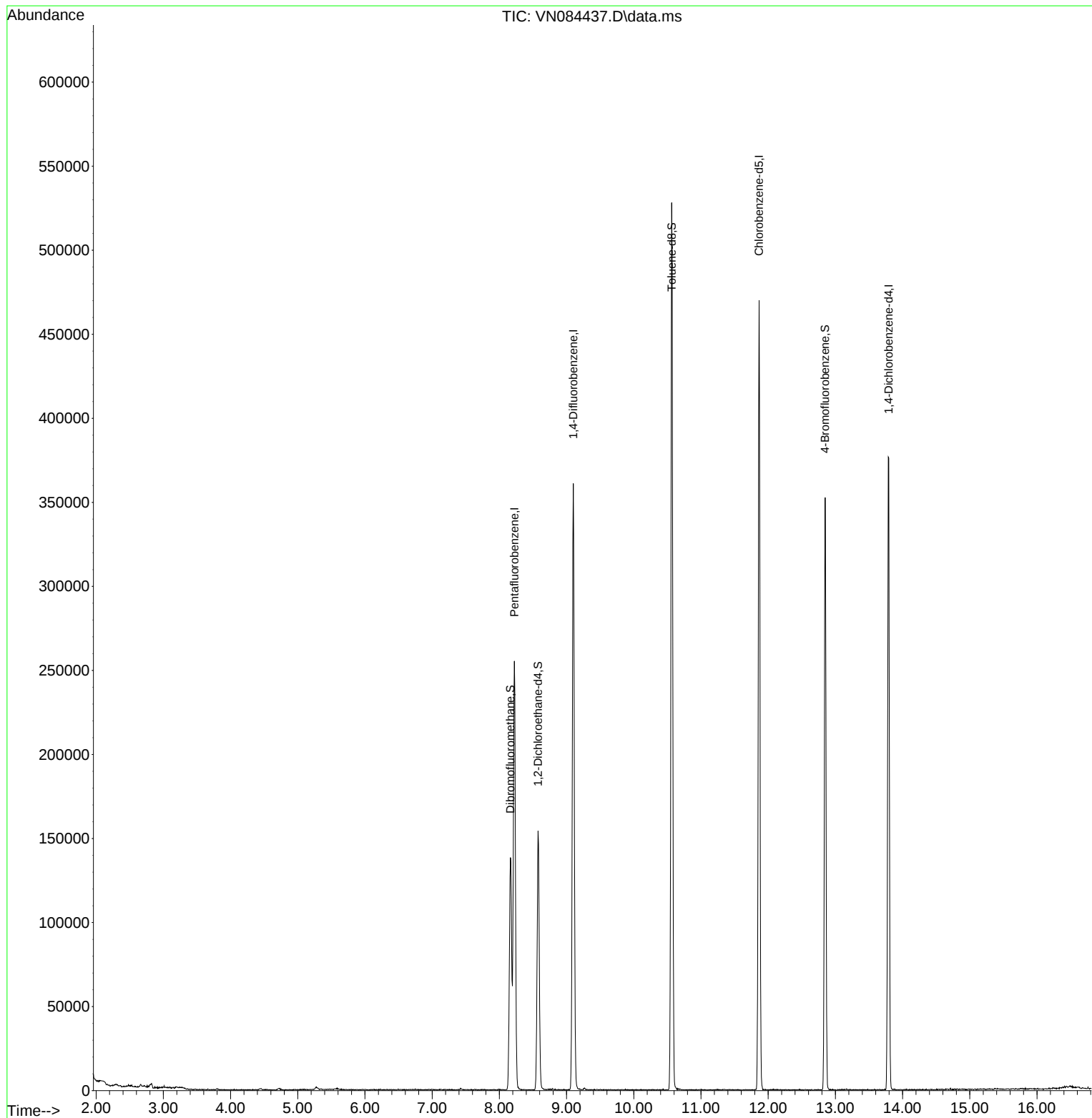
Target Compounds	Qvalue

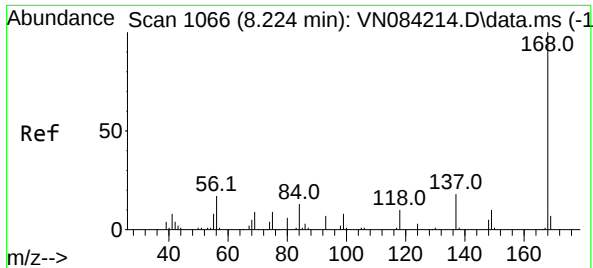
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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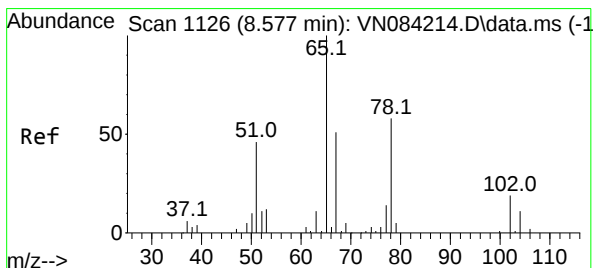
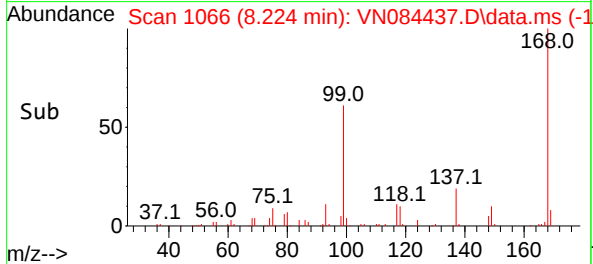
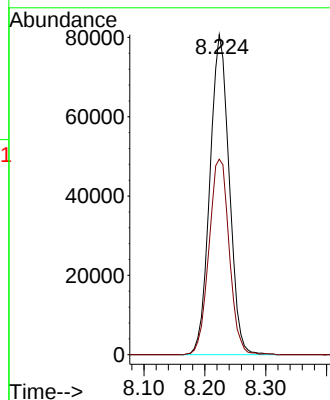
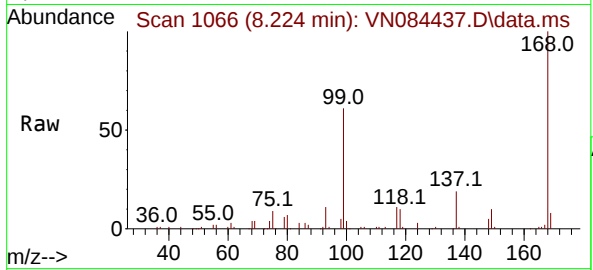




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

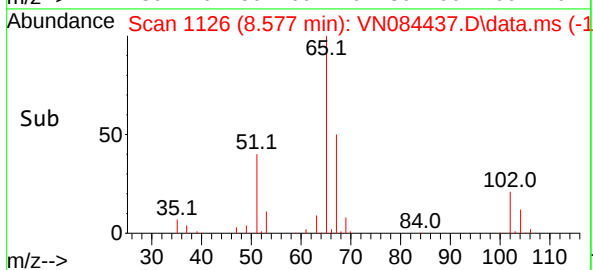
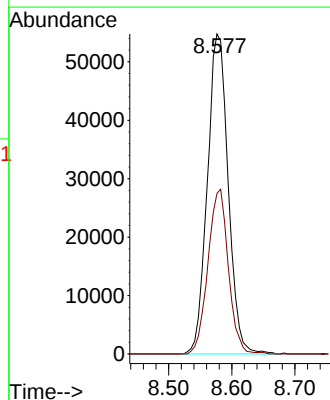
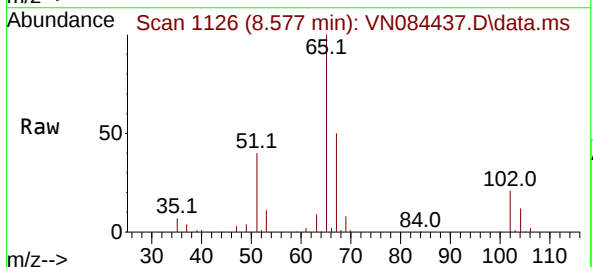
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-TB-20241016

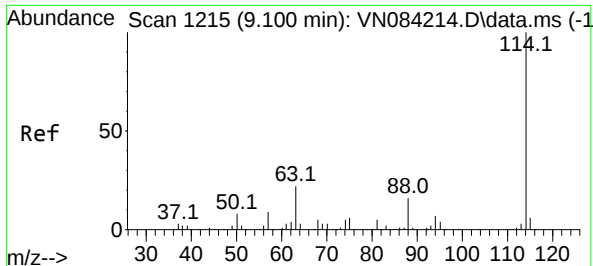
Tgt Ion:168 Resp: 177910
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.540 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Tgt Ion: 65 Resp: 125403
Ion Ratio Lower Upper
65 100
67 50.4 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: VN084437.D

Acq: 21 Oct 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-11-TB-20241016

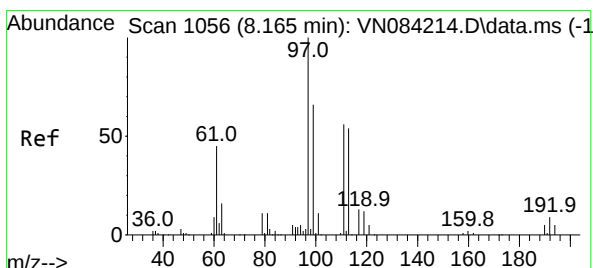
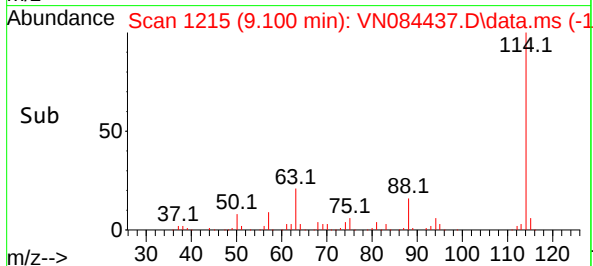
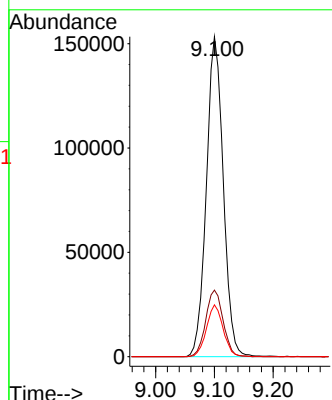
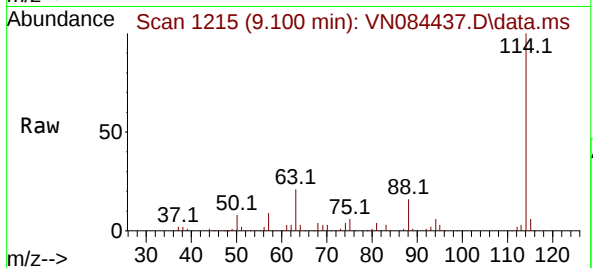
Tgt Ion:114 Resp: 306096

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084437.D

Acq: 21 Oct 2024 15:41

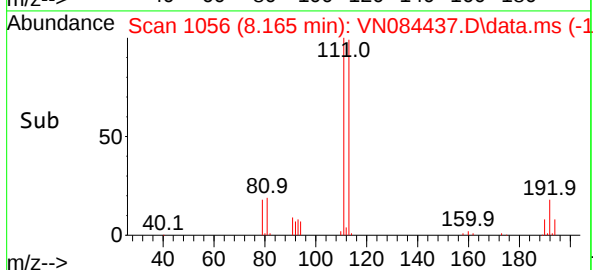
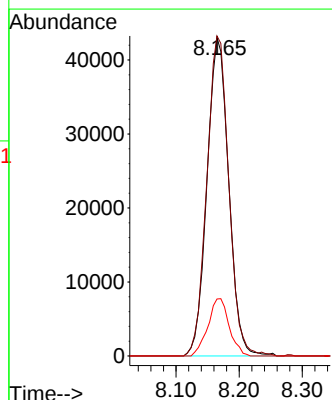
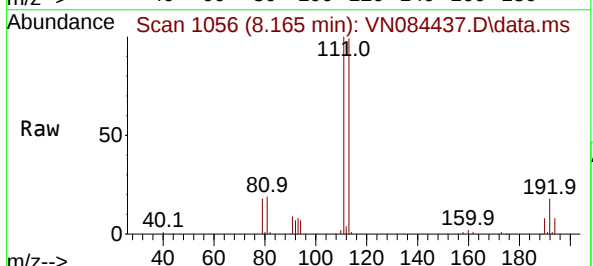
Tgt Ion:113 Resp: 102688

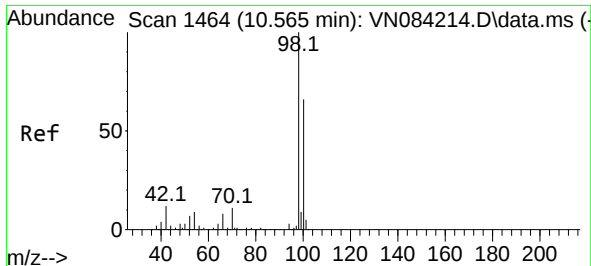
Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.6 13.5 20.3

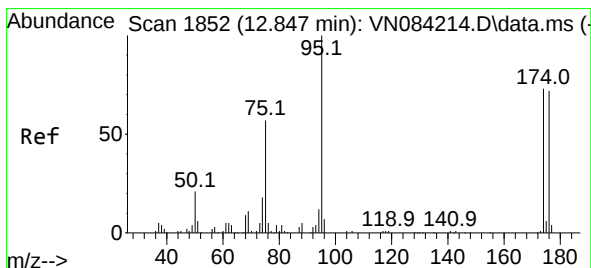
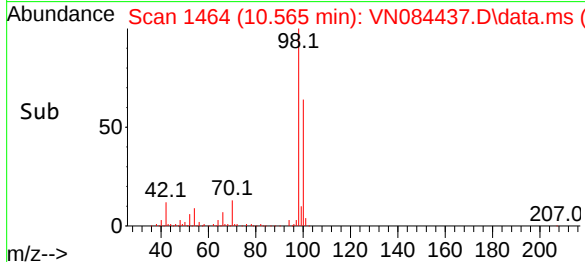
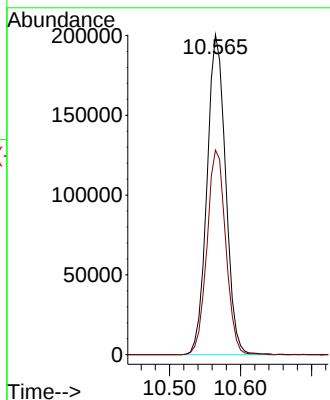
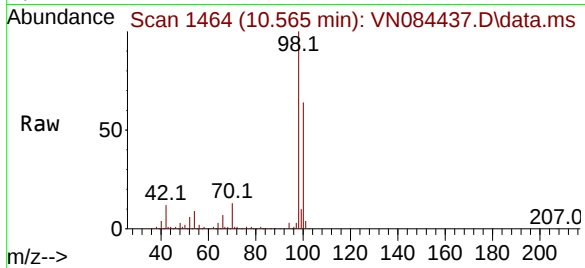




#50
Toluene-d8
Concen: 49.143 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

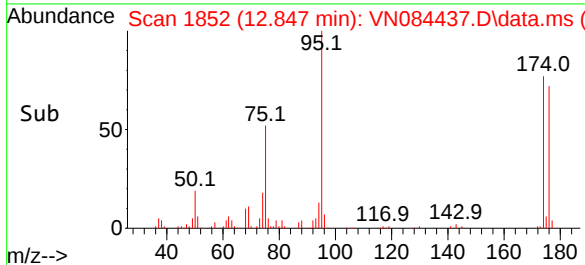
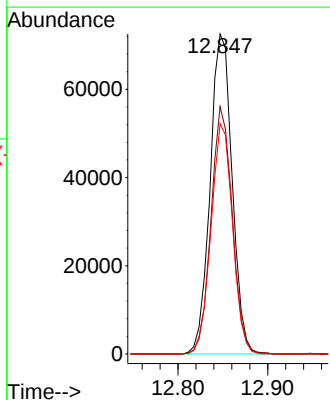
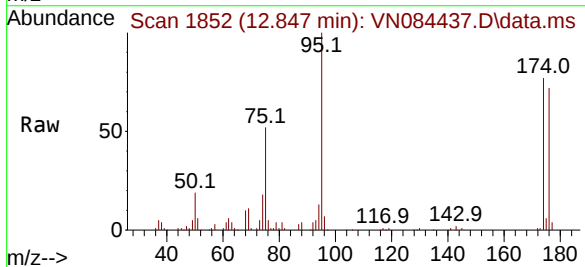
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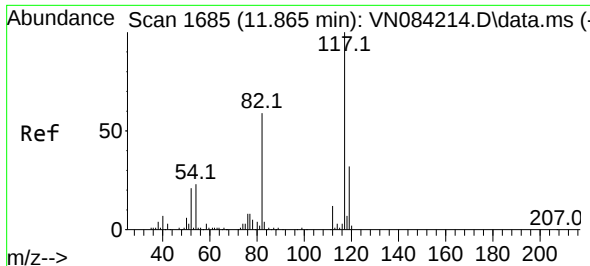
Tgt Ion: 98 Resp: 364855
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.629 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Tgt Ion: 95 Resp: 123415
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 70.5 0.0 140.0

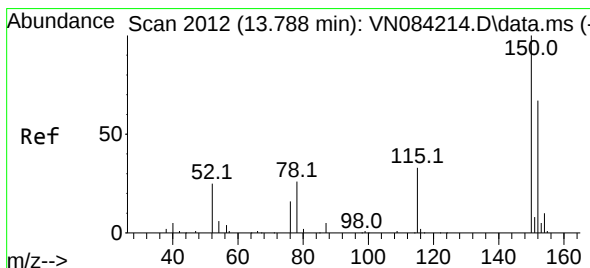
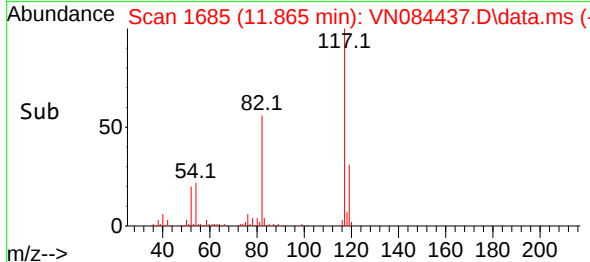
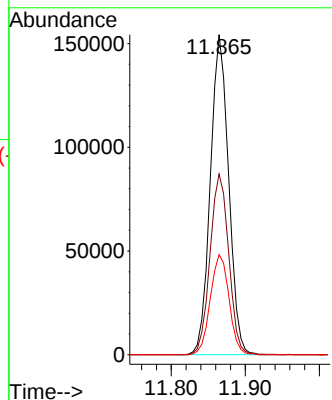
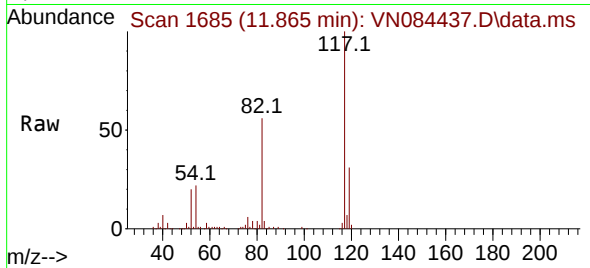




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084437.D
Acq: 21 Oct 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-11-TB-20241016

Tgt Ion:	117	Resp:	264394
Ion Ratio	Lower	Upper	
117	100		
82	56.5	47.2	70.8
119	31.3	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: VN084437.D
Acq: 21 Oct 2024 15:41

Tgt Ion:	152	Resp:	103232
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.3	93.9
150	159.8	0.0	349.8

