

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080812.D
 Acq On : 30 Jan 2024 14:01
 Operator : JC\MD
 Sample : P1290-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-TB-20240125

Quant Time: Jan 31 02:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	93536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	75630	46.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.480%
35) Dibromofluoromethane	8.165	113	60235	43.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.020%
50) Toluene-d8	10.571	98	249825	46.104	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.853	95	92591	49.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.060%

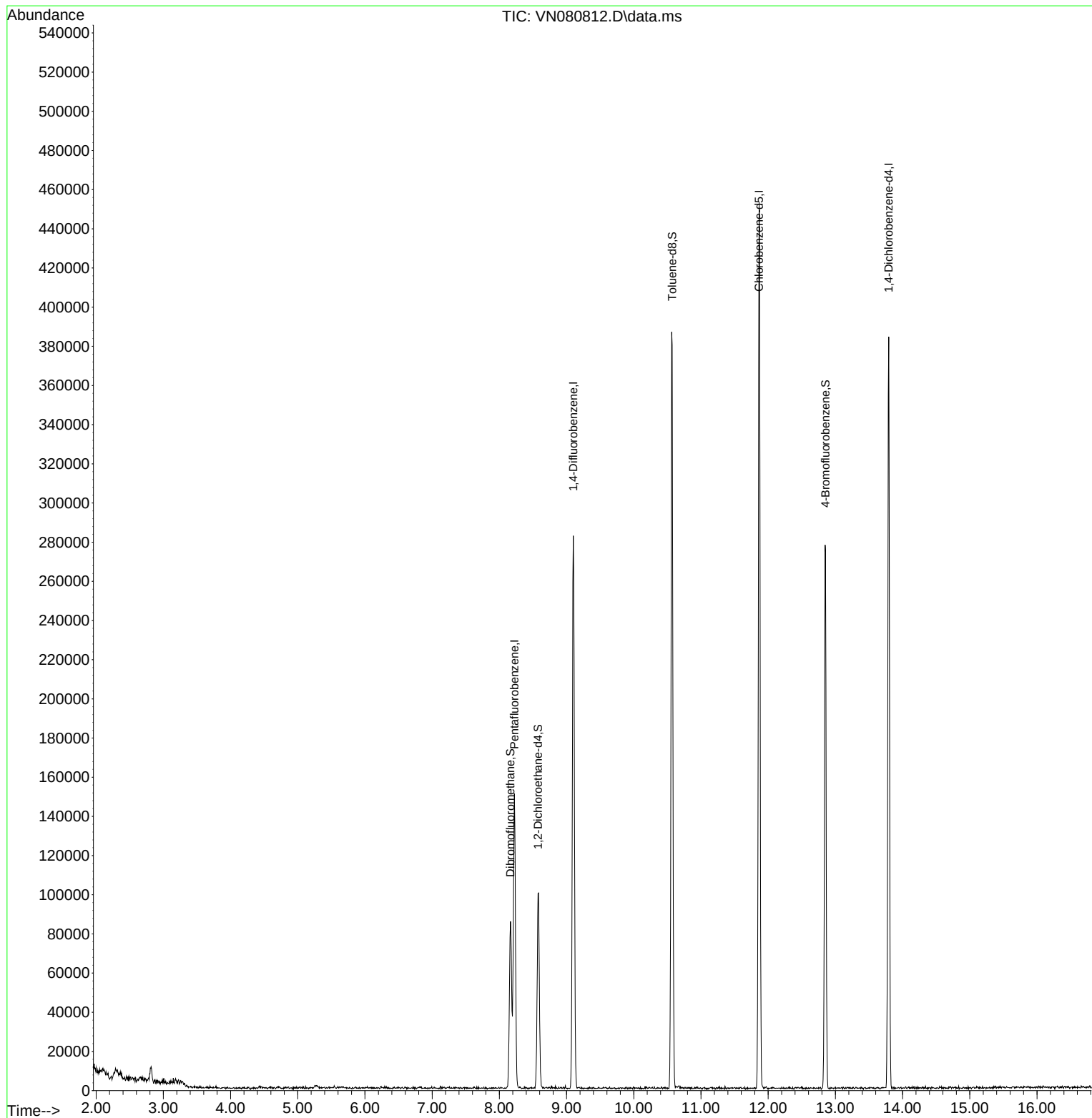
Target Compounds	Qvalue

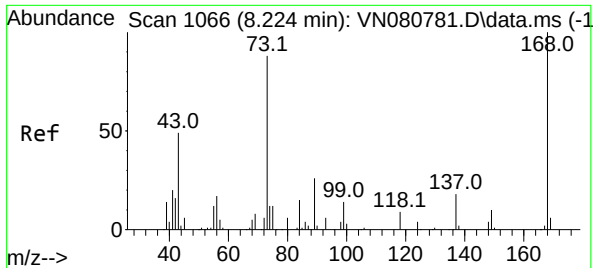
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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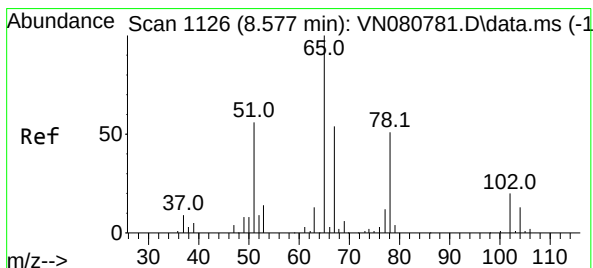
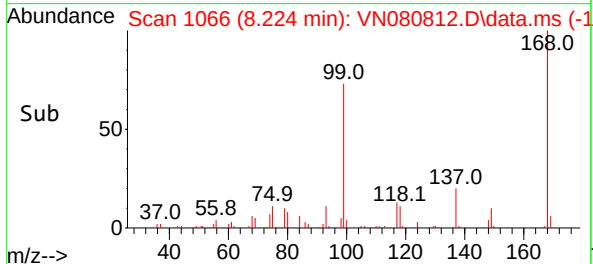
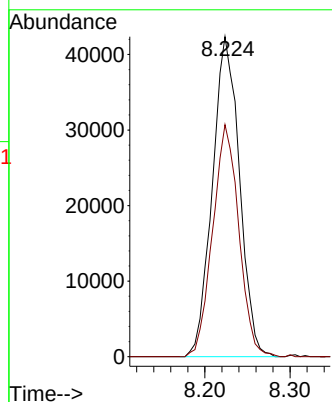
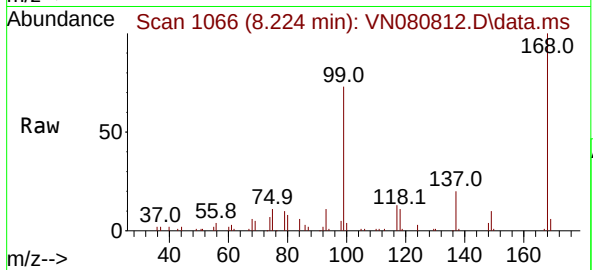




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

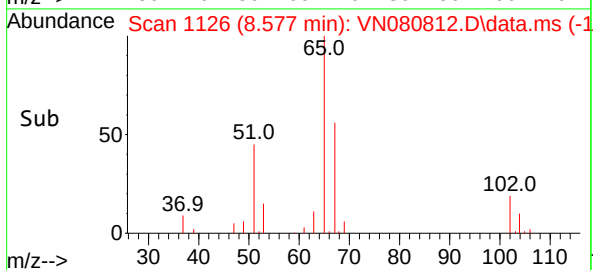
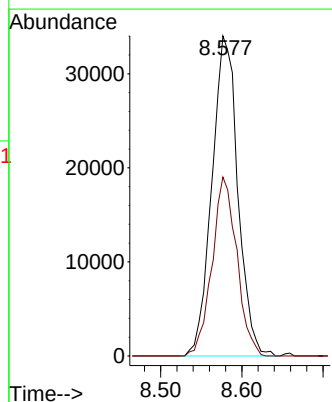
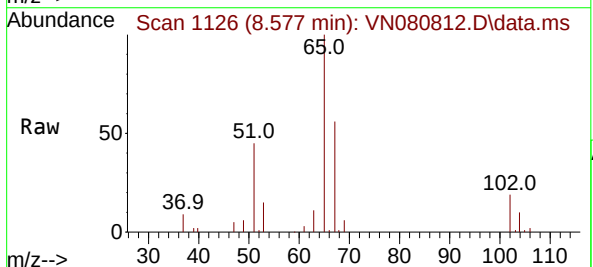
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

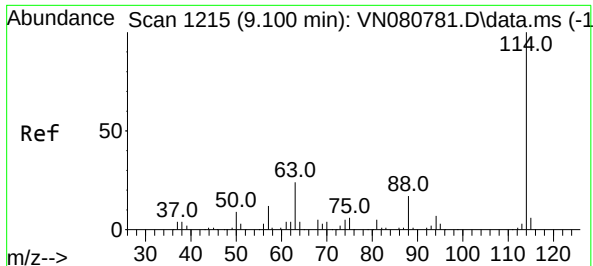
Tgt Ion:168 Resp: 93536
Ion Ratio Lower Upper
168 100
99 72.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 46.739 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion: 65 Resp: 75630
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-TB-20240125

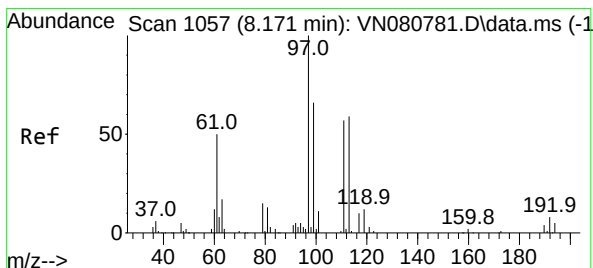
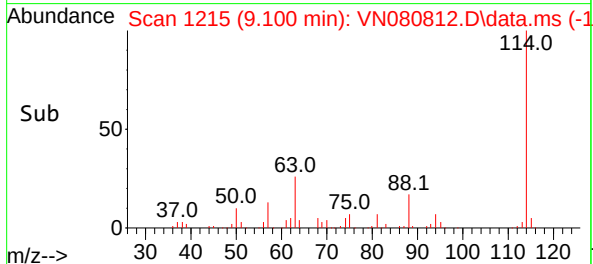
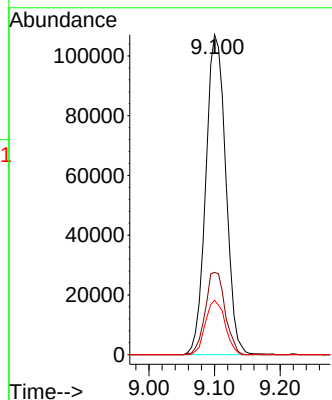
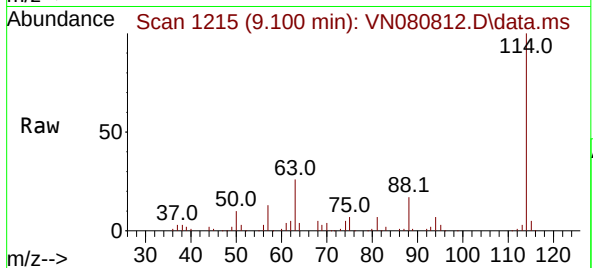
Tgt Ion:114 Resp: 226295

Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 17.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.507 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

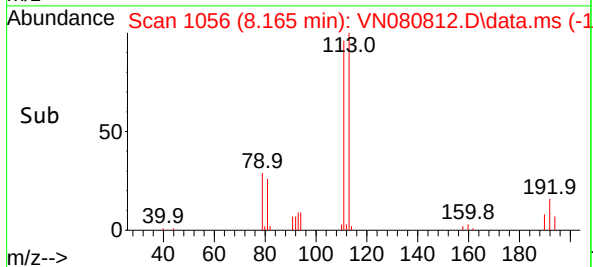
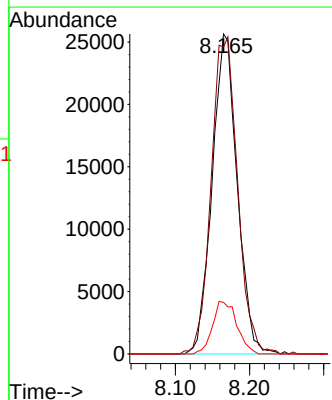
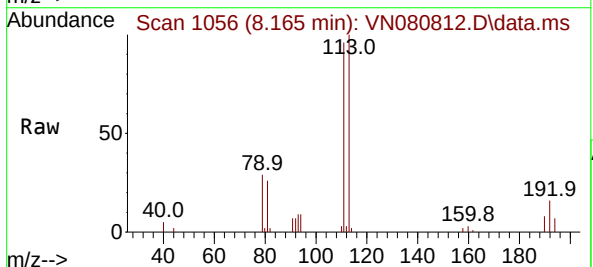
Tgt Ion:113 Resp: 60235

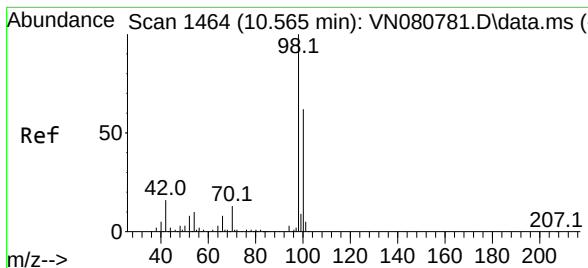
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 15.9 12.5 18.7





#50

Toluene-d8

Concen: 46.104 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

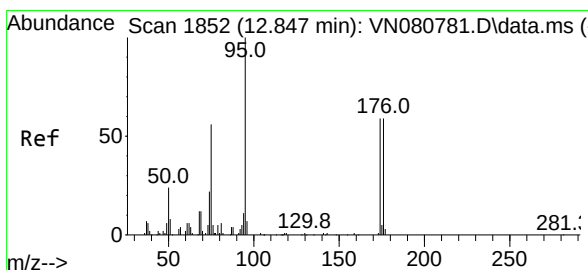
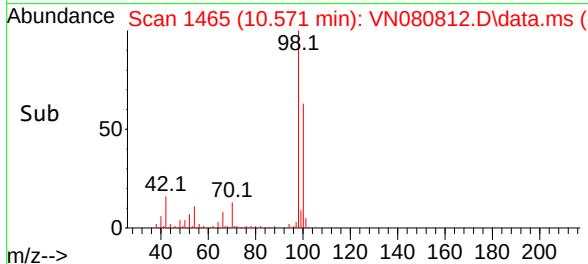
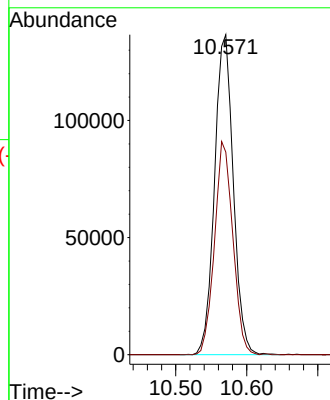
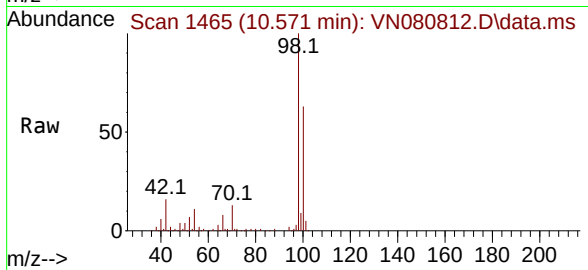
BP-VPB-195-TB-20240125

Tgt Ion: 98 Resp: 249825

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.034 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

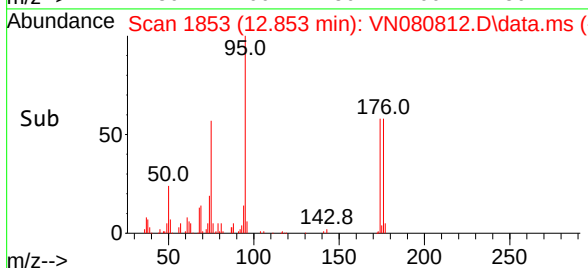
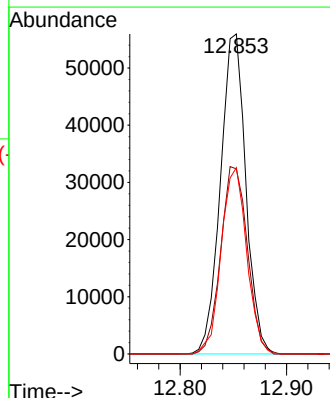
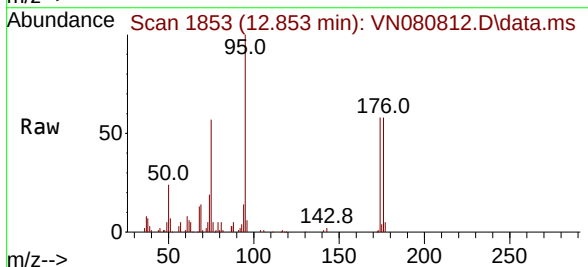
Tgt Ion: 95 Resp: 92591

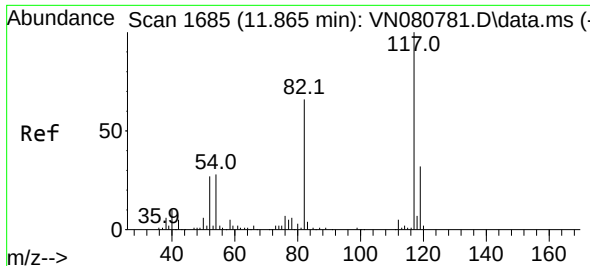
Ion Ratio Lower Upper

95 100

174 61.7 0.0 120.4

176 58.4 0.0 121.0

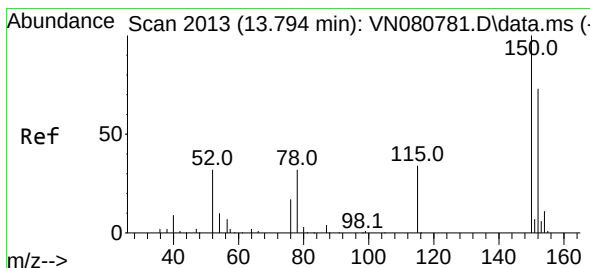
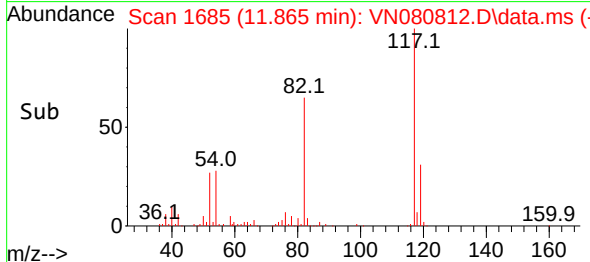
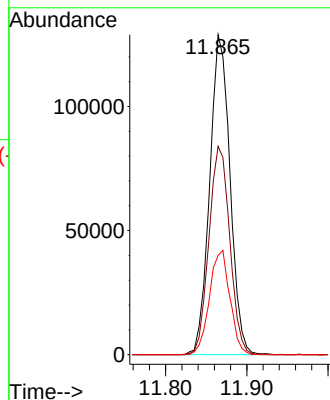
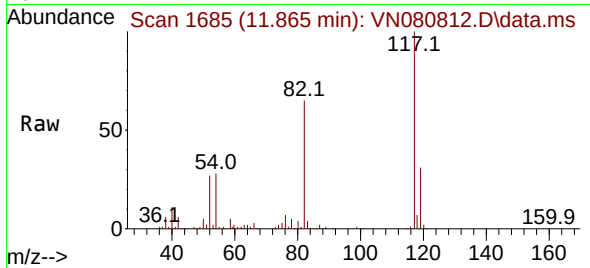




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

Tgt Ion:117 Resp: 224050
Ion Ratio Lower Upper
117 100
82 65.1 52.7 79.1
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion:152 Resp: 87187
Ion Ratio Lower Upper
152 100
115 68.3 32.3 96.8
150 161.0 0.0 339.8

