

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079800.D
 Acq On : 02 Nov 2023 16:22
 Operator : JC\MD
 Sample : 05224-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-240-242

Quant Time: Nov 03 04:02:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	435217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	440299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193290	58.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.880%
35) Dibromofluoromethane	8.171	113	163581	53.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.220%
50) Toluene-d8	10.571	98	571657	50.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.853	95	183933	48.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%

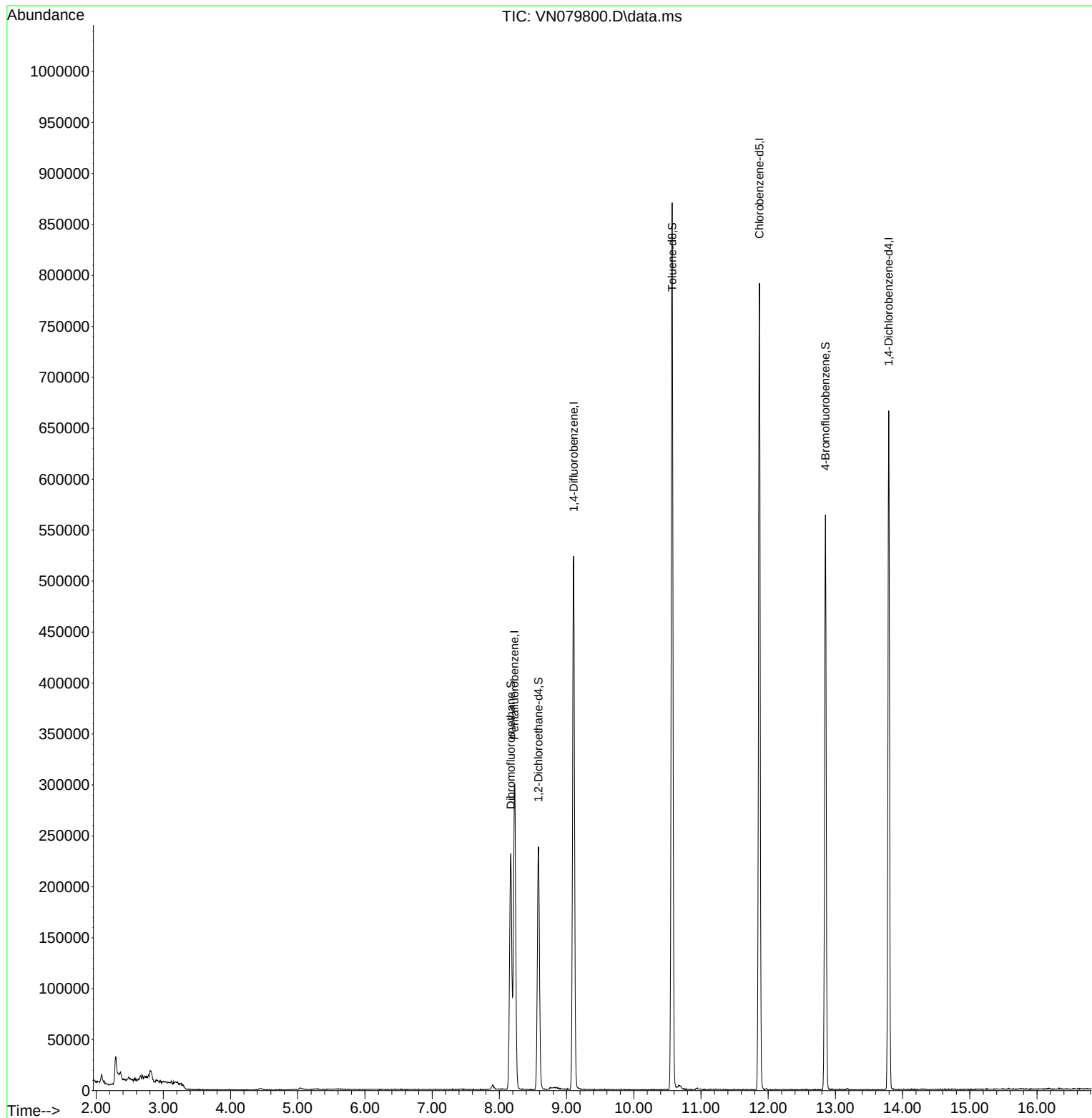
Target Compounds	Qvalue

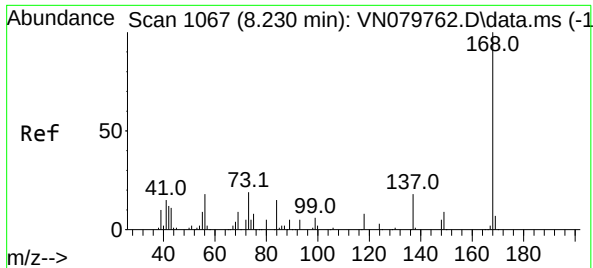
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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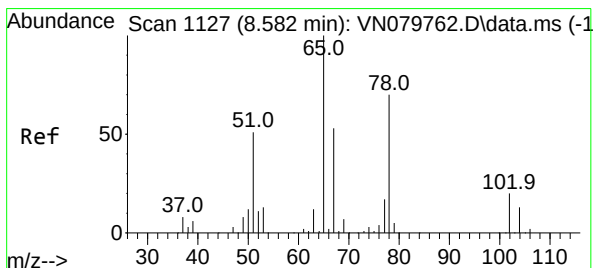
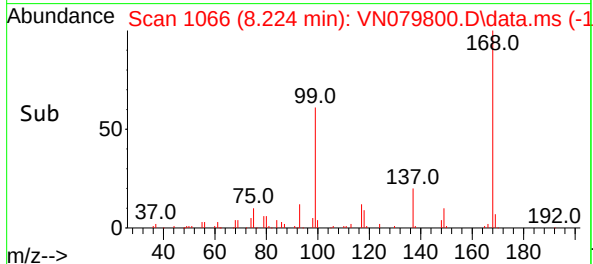
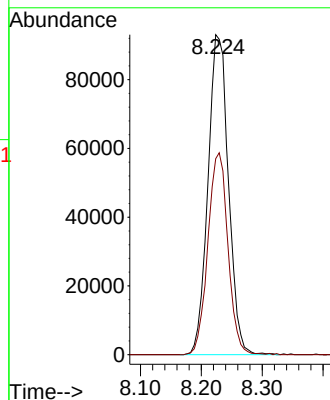
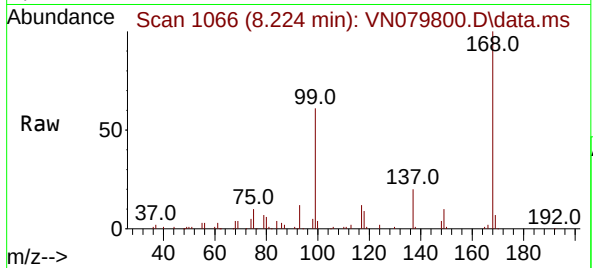




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

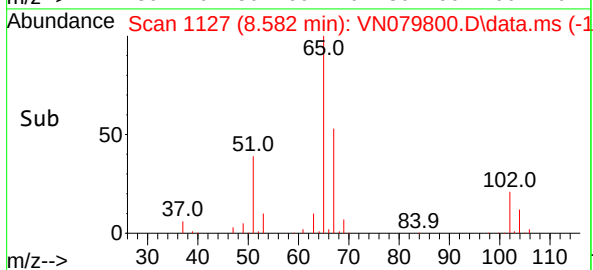
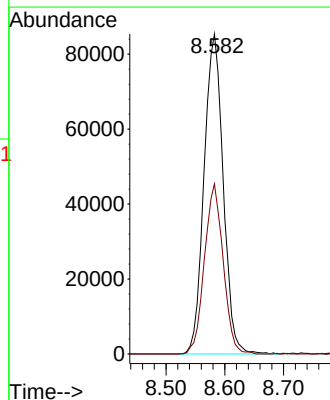
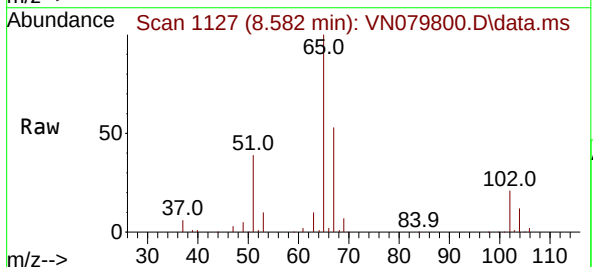
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-240-242

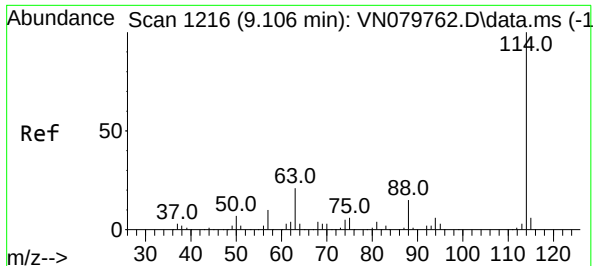
Tgt Ion:168 Resp: 217087
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.442 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 65 Resp: 193290
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-240-242

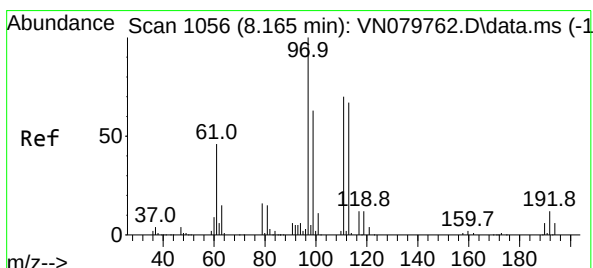
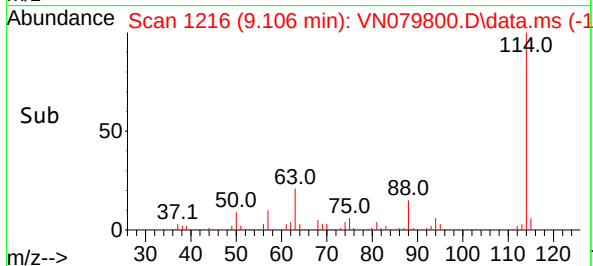
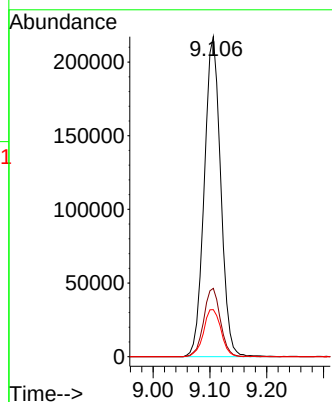
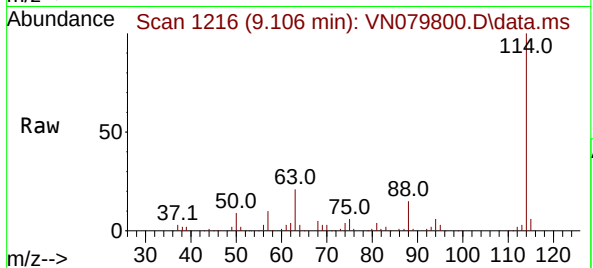
Tgt Ion:114 Resp: 435217

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.106 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079800.D

Acq: 02 Nov 2023 16:22

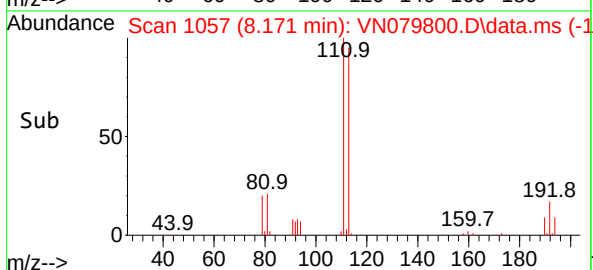
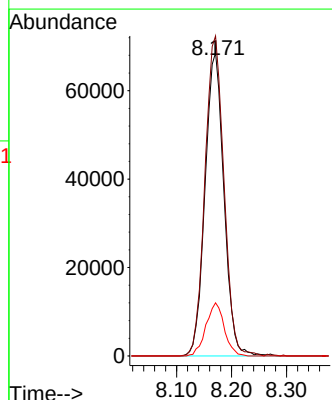
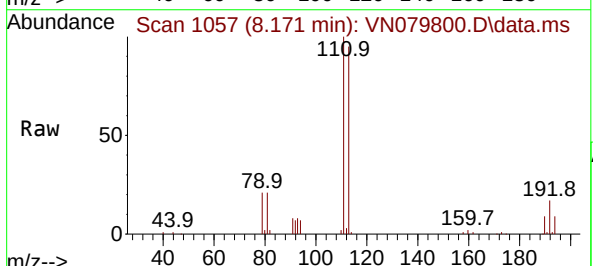
Tgt Ion:113 Resp: 163581

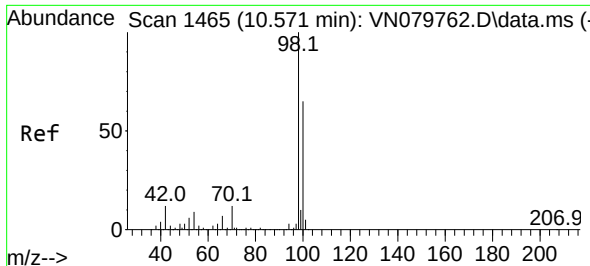
Ion Ratio Lower Upper

113 100

111 106.2 82.6 123.8

192 17.0 12.7 19.1

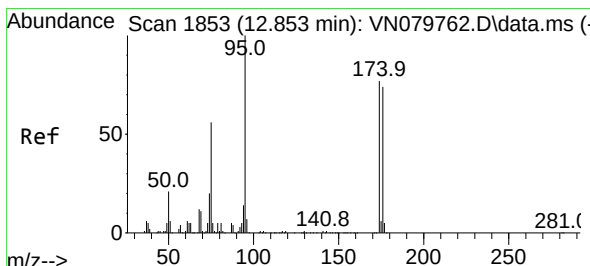
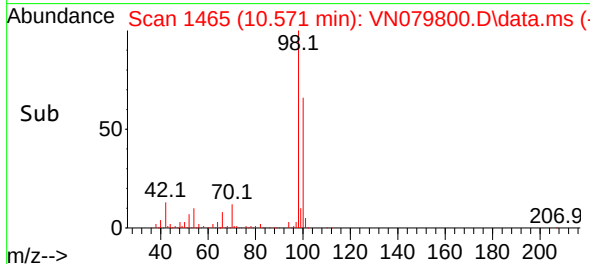
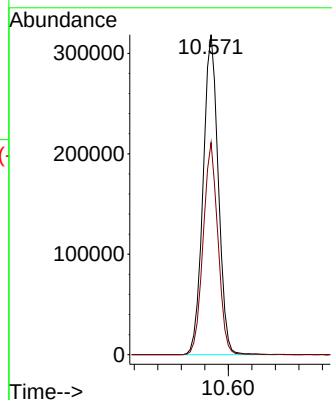
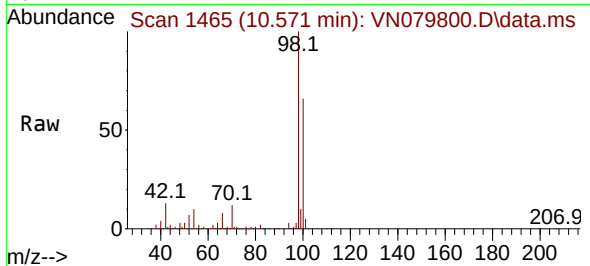




#50
Toluene-d8
Concen: 50.412 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

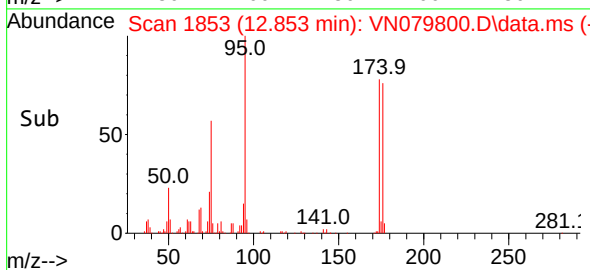
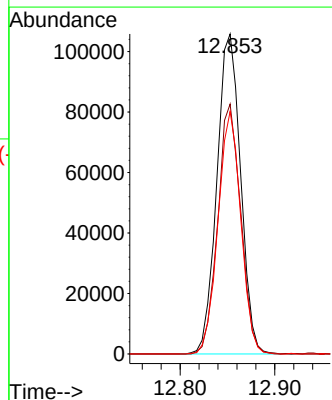
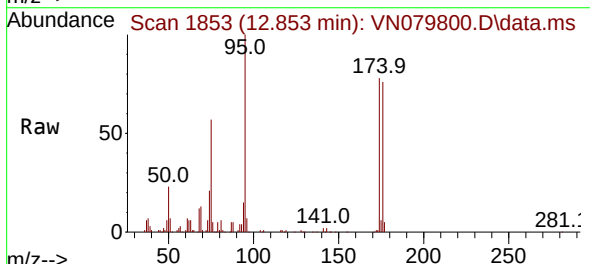
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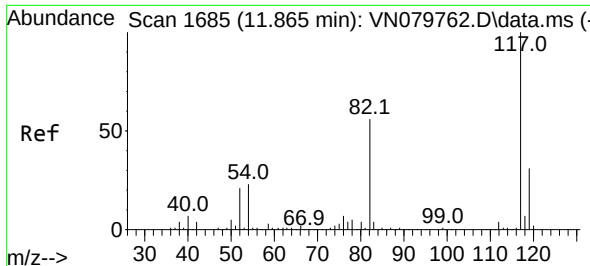
Tgt Ion: 98 Resp: 571657
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion: 95 Resp: 183933
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.8 0.0 135.8

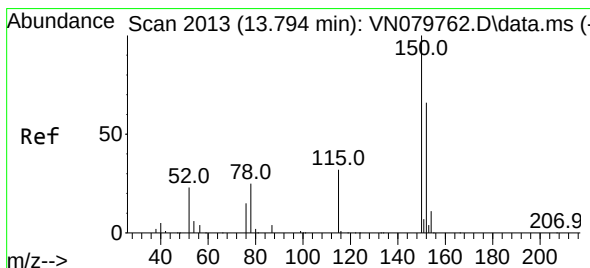
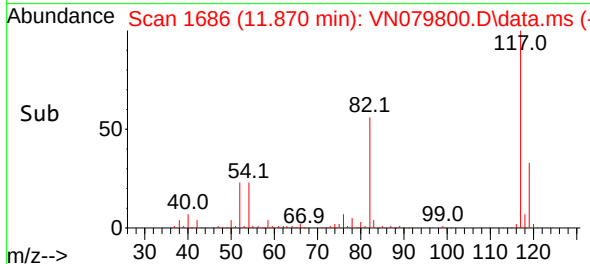
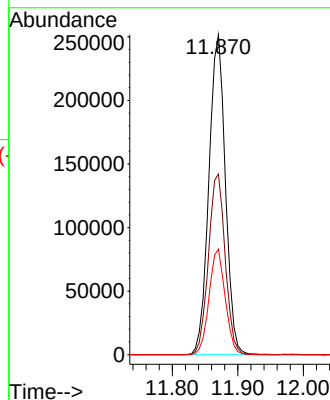
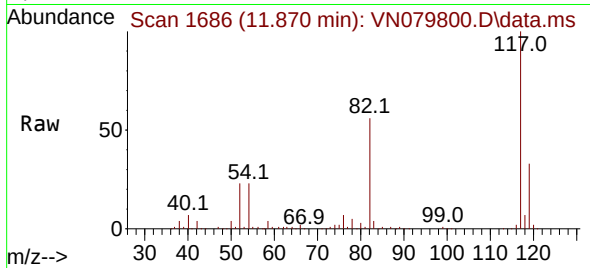




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-240-242

Tgt Ion:117 Resp: 440299
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079800.D
Acq: 02 Nov 2023 16:22

Tgt Ion:152 Resp: 168284
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 157.9 0.0 355.8

