

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079558.D
 Acq On : 12 Oct 2023 20:23
 Operator : JC\MD
 Sample : 04880-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17-1012

Quant Time: Oct 13 01:26:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	491606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	452319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205748	53.890	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.780%	
35) Dibromofluoromethane	8.171	113	179251	50.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	10.571	98	563249	44.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.120%	
62) 4-Bromofluorobenzene	12.853	95	182436	44.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.940%	

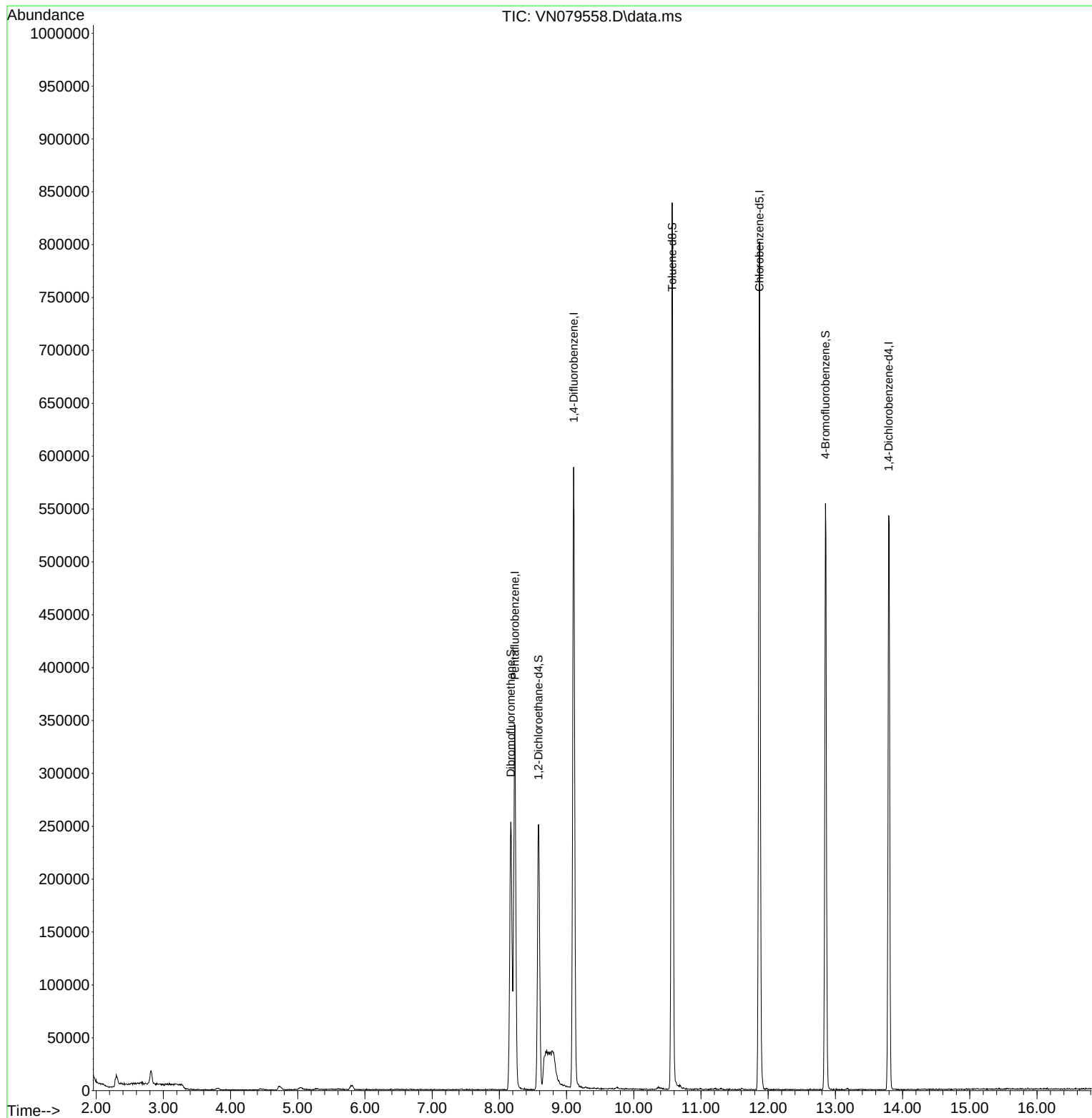
Target Compounds	Qvalue

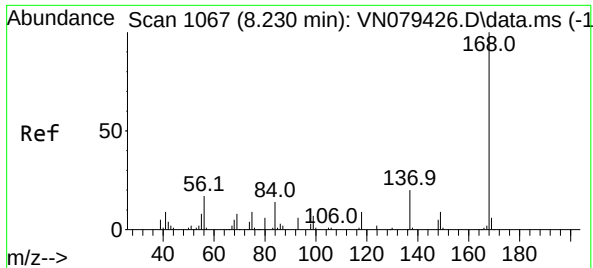
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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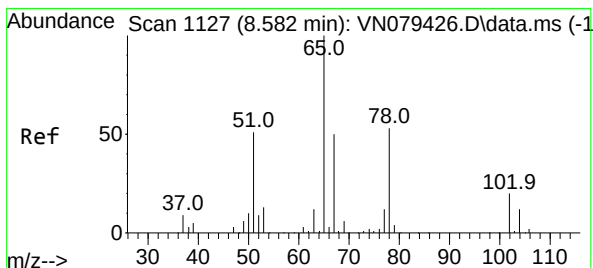
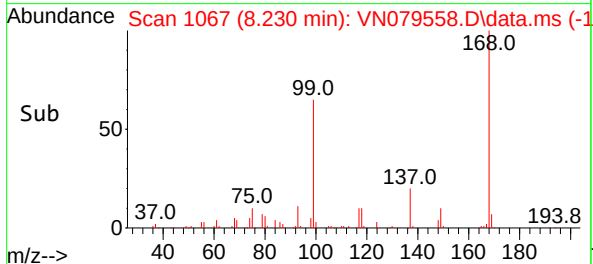
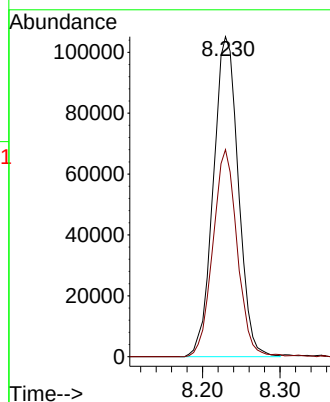
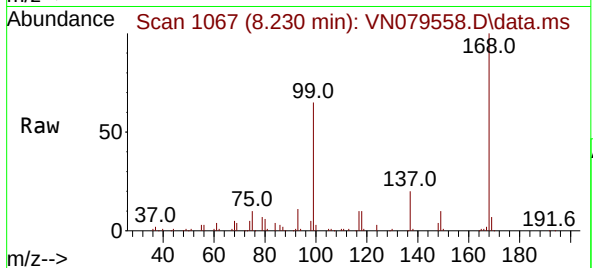




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

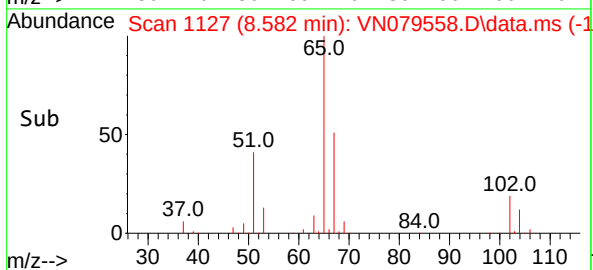
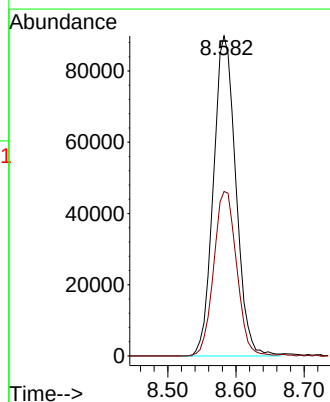
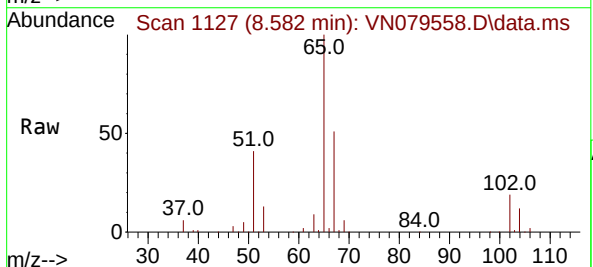
Instrument :
MSVOA_N
ClientSampleId :
MW-17-1012

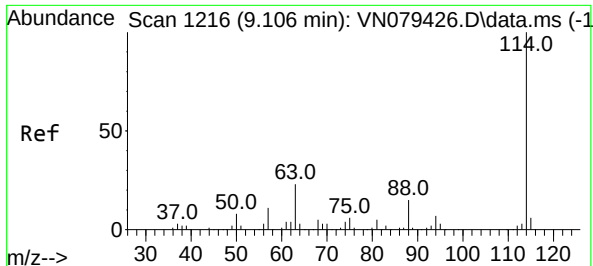
Tgt Ion:168 Resp: 235467
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.890 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 65 Resp: 205748
Ion Ratio Lower Upper
65 100
67 52.5 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: VN079558.D

Acq: 12 Oct 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

MW-17-1012

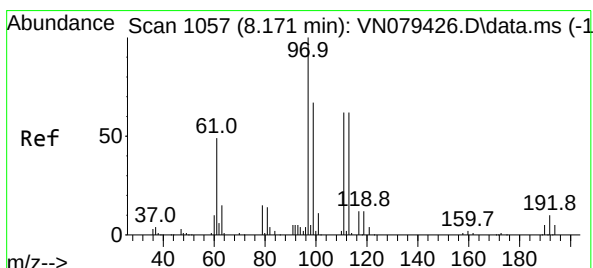
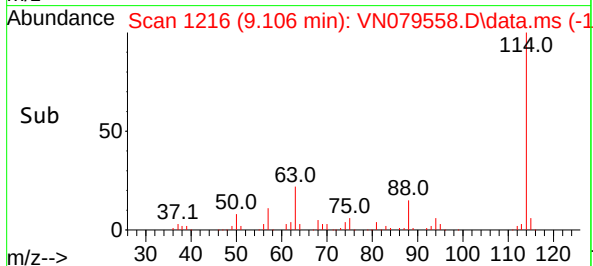
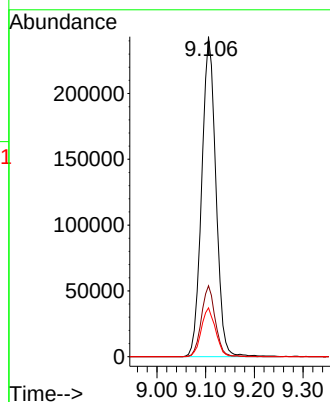
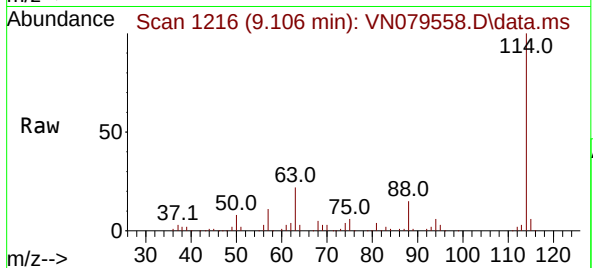
Tgt Ion:114 Resp: 491606

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.738 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079558.D

Acq: 12 Oct 2023 20:23

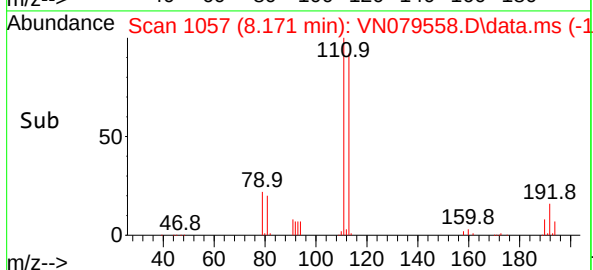
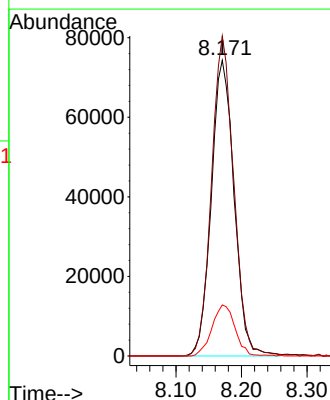
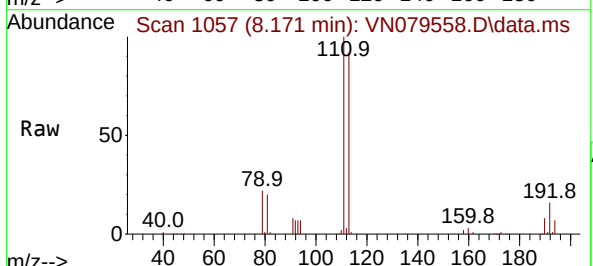
Tgt Ion:113 Resp: 179251

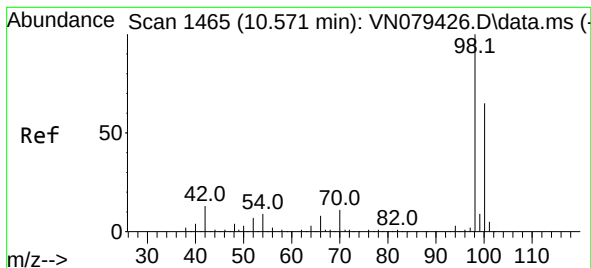
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 17.6 12.7 19.1

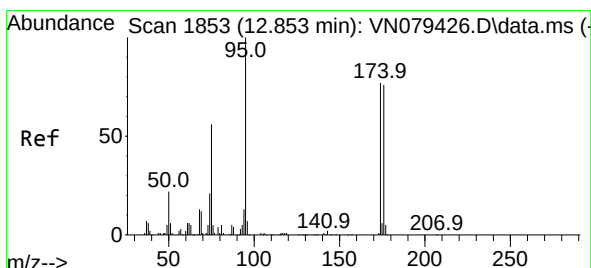
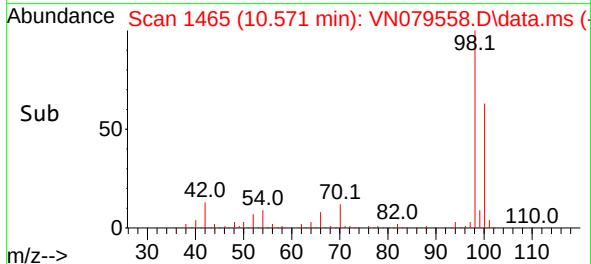
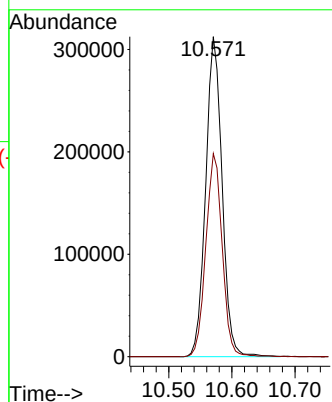
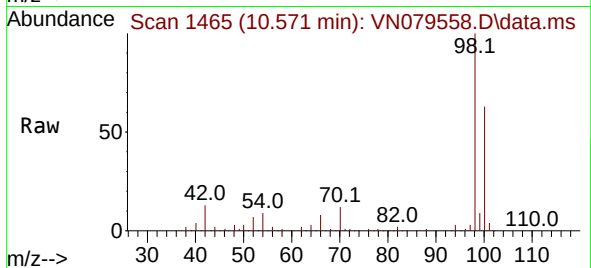




#50
Toluene-d8
Concen: 44.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

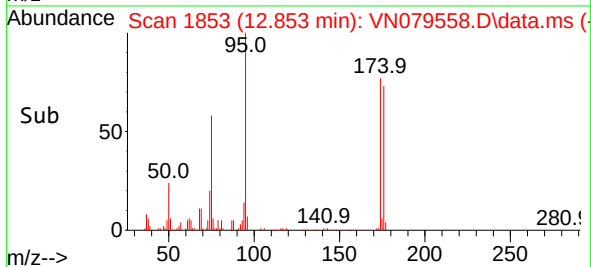
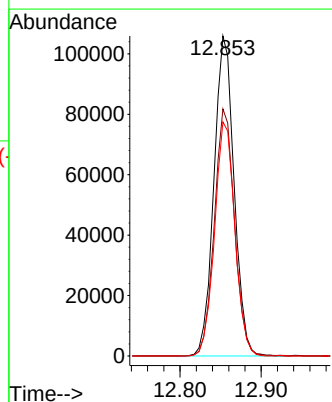
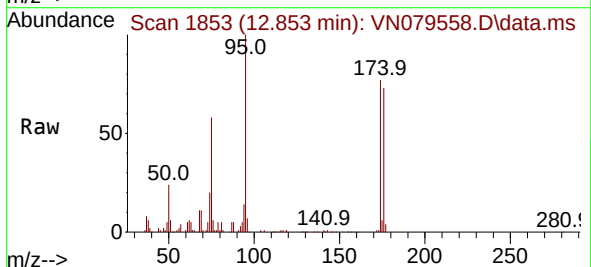
Instrument :
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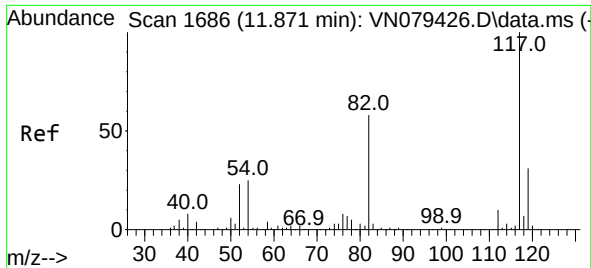
Tgt Ion: 98 Resp: 563249
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.472 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion: 95 Resp: 182436
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.5 0.0 135.8

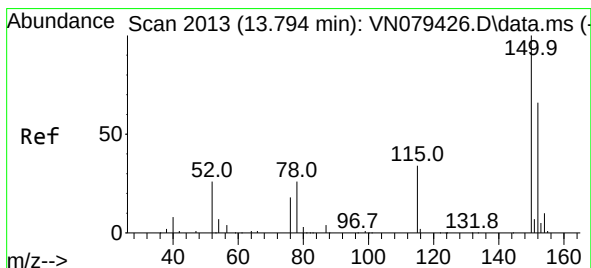
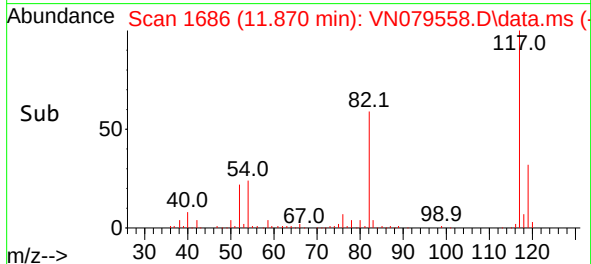
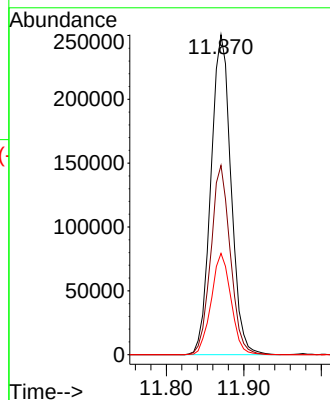
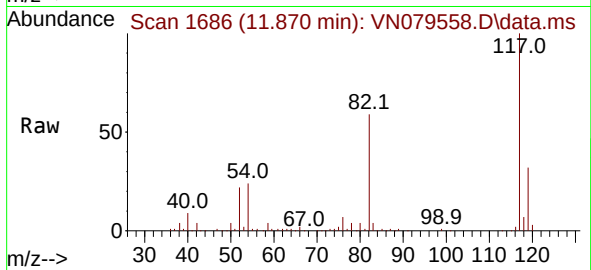




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079558.D
Acq: 12 Oct 2023 20:23

Instrument :
MSVOA_N
ClientSampleId :
MW-17-1012

Tgt Ion:117 Resp: 452319
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.6 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: VN079558.D
Acq: 12 Oct 2023 20:23

Tgt Ion:152 Resp: 143298
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 155.9 0.0 355.8

