

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091223\
 Data File : VN079240.D
 Acq On : 12 Sep 2023 17:11
 Operator : JC\MD
 Sample : 04352-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-01-170-090723

Quant Time: Sep 13 01:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	104723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	163577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	137932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	44058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	76168	53.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	8.177	113	58319	53.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.200%	
50) Toluene-d8	10.571	98	201115	50.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.853	95	57224	44.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.800%	

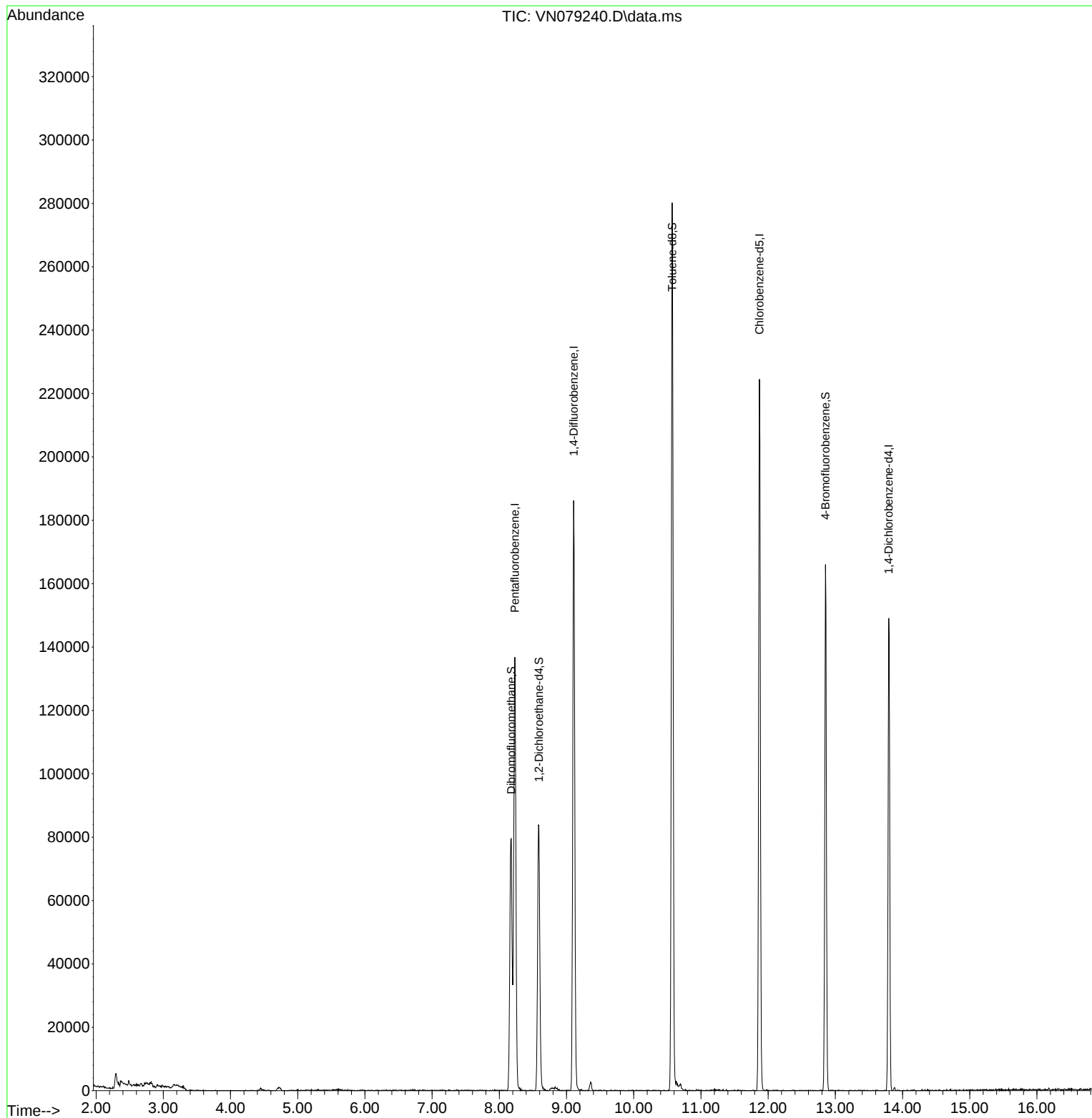
Target Compounds	Qvalue

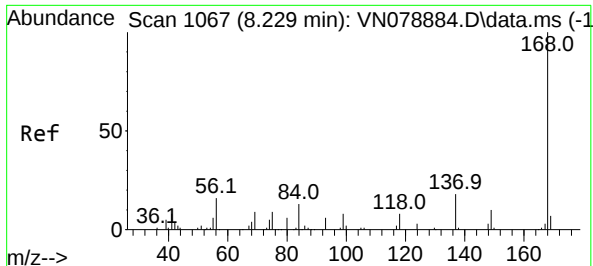
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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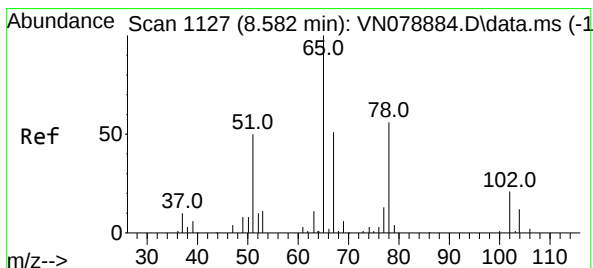
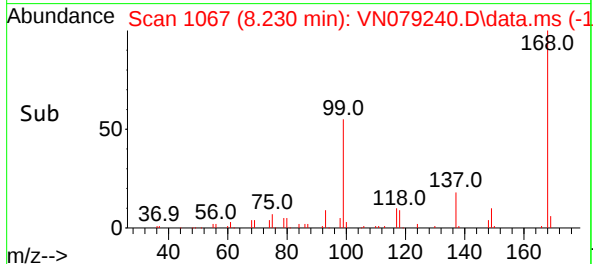
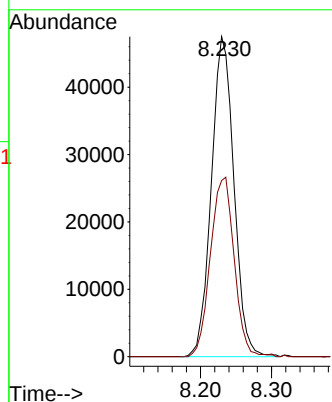
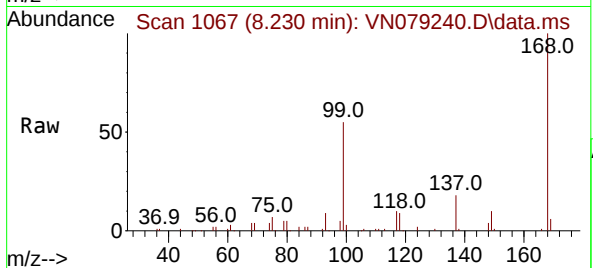




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN079240.D
Acq: 12 Sep 2023 17:11

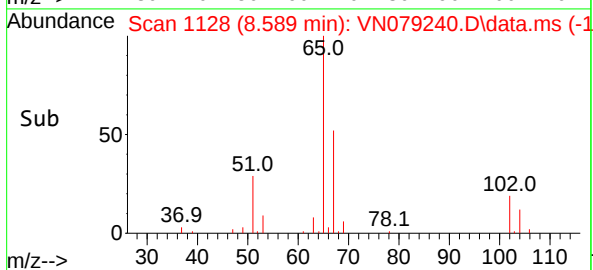
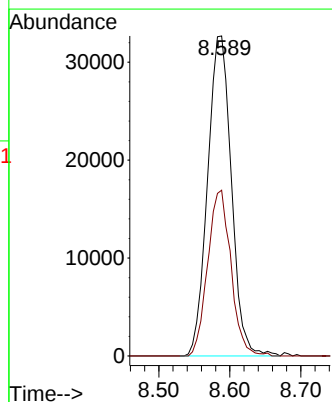
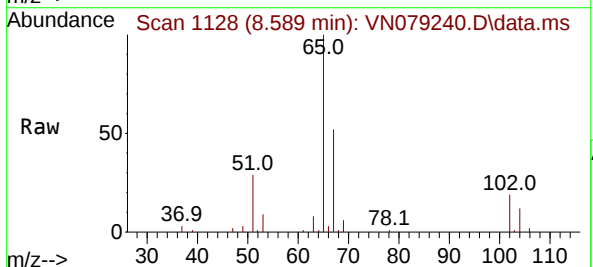
Instrument :
MSVOA_N
ClientSampleId :
OWBR-01-170-090723

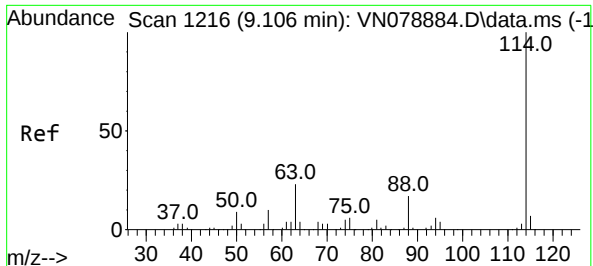
Tgt Ion:168 Resp: 104723
Ion Ratio Lower Upper
168 100
99 55.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.880 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079240.D
Acq: 12 Sep 2023 17:11

Tgt Ion: 65 Resp: 76168
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079240.D

Acq: 12 Sep 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

OWBR-01-170-090723

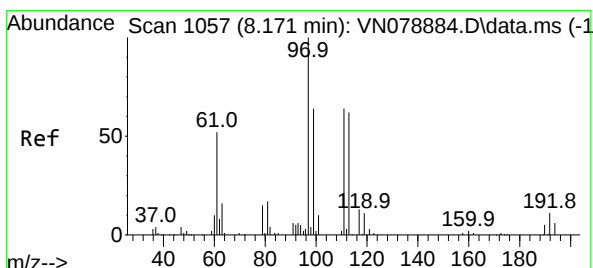
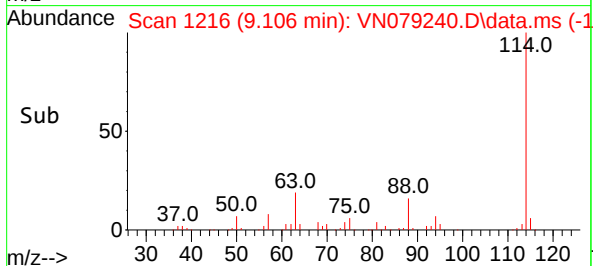
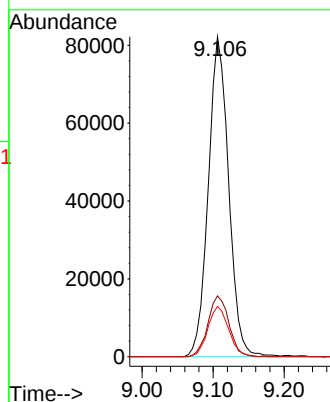
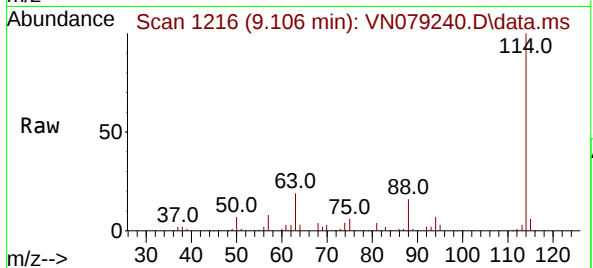
Tgt Ion:114 Resp: 163577

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.598 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079240.D

Acq: 12 Sep 2023 17:11

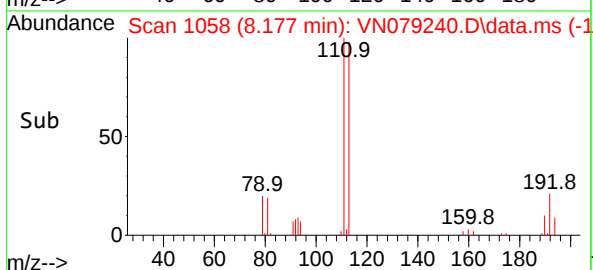
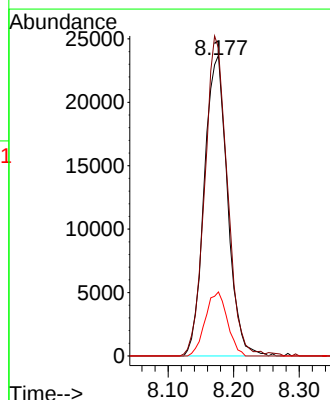
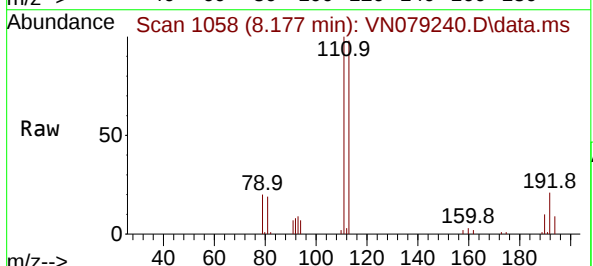
Tgt Ion:113 Resp: 58319

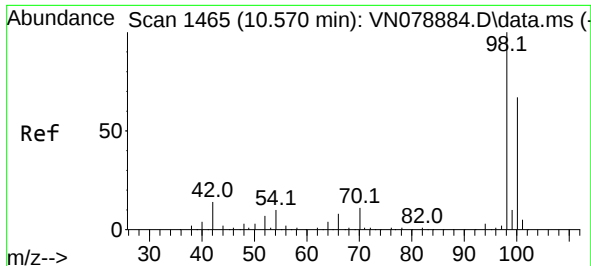
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 20.2 12.7 19.1#

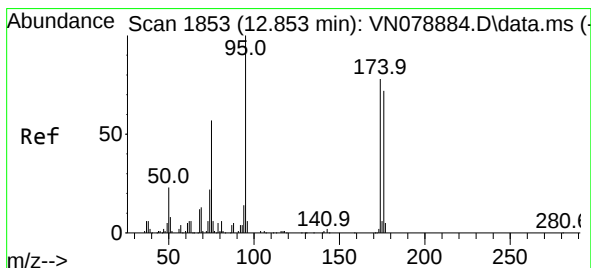
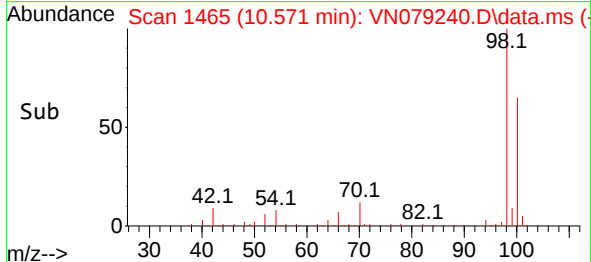
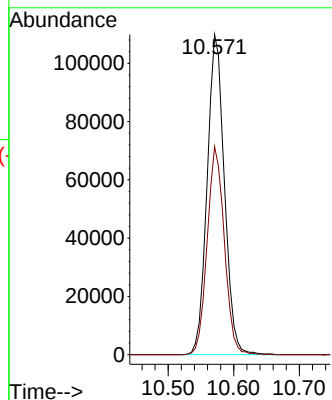
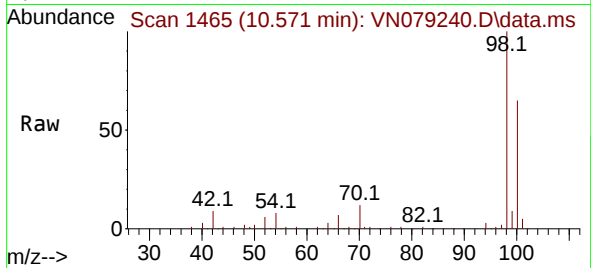




#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079240.D
Acq: 12 Sep 2023 17:11

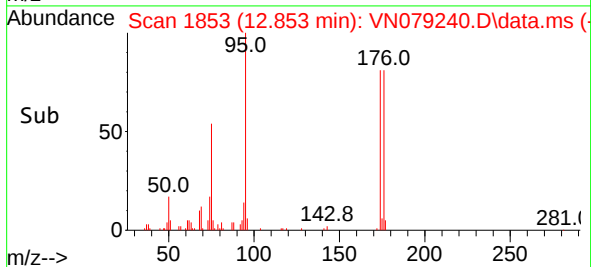
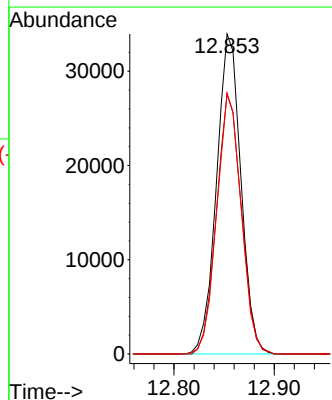
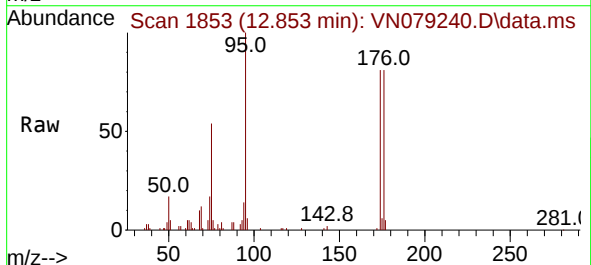
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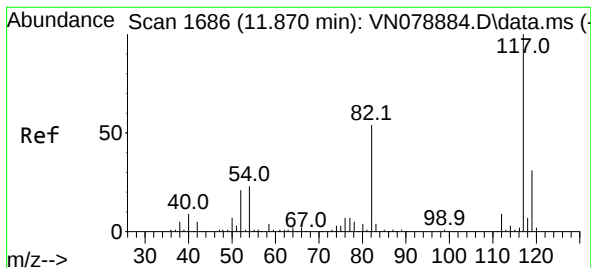
Tgt Ion: 98 Resp: 201115
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.902 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079240.D
Acq: 12 Sep 2023 17:11

Tgt Ion: 95 Resp: 57224
Ion Ratio Lower Upper
95 100
174 82.8 0.0 143.8
176 81.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079240.D

Acq: 12 Sep 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

OWBR-01-170-090723

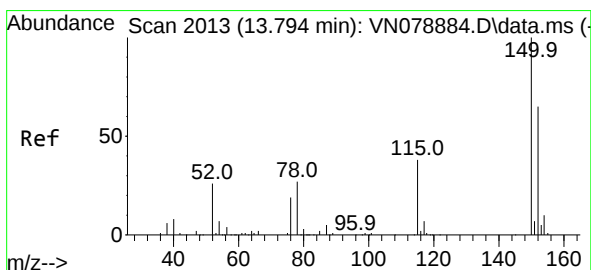
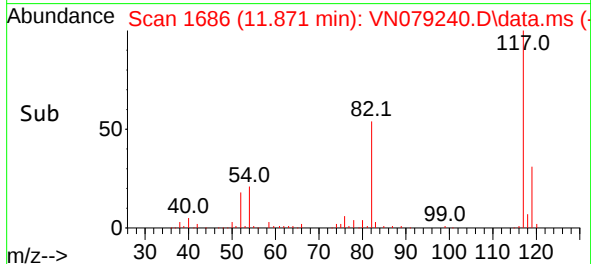
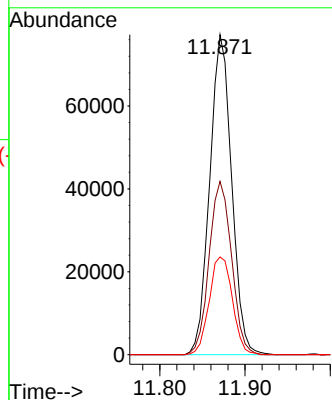
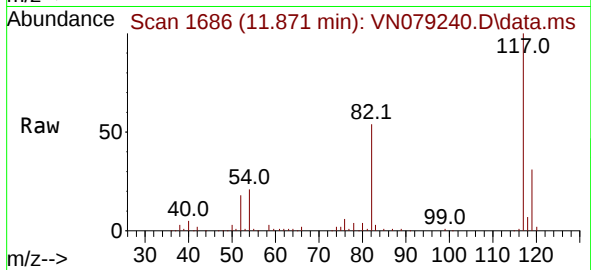
Tgt Ion:117 Resp: 137932

Ion Ratio Lower Upper

117 100

82 54.1 44.0 66.0

119 30.6 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: VN079240.D

Acq: 12 Sep 2023 17:11

Tgt Ion:152 Resp: 44058

Ion Ratio Lower Upper

152 100

115 59.4 32.3 96.8

150 154.7 0.0 355.8

