

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075652.D
 Acq On : 08 Dec 2022 16:56
 Operator : JC\MD
 Sample : N5879-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 09 02:09:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	164035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	226844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	46733	53.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.140%	
35) Dibromofluoromethane	8.177	113	60592	58.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.660%	
50) Toluene-d8	10.571	98	121171	52.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.853	95	87677	51.208	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.420%	

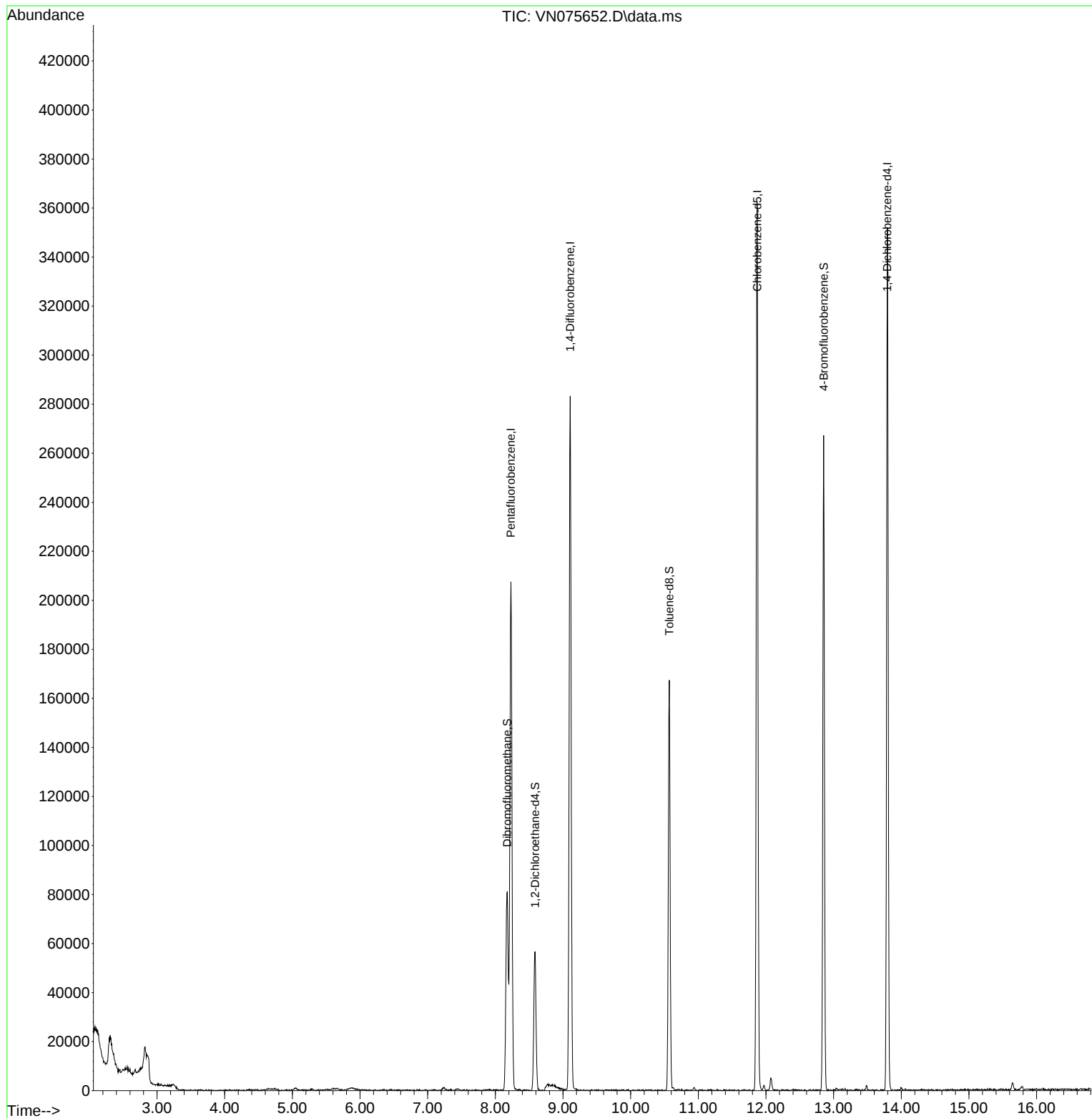
Target Compounds	Qvalue

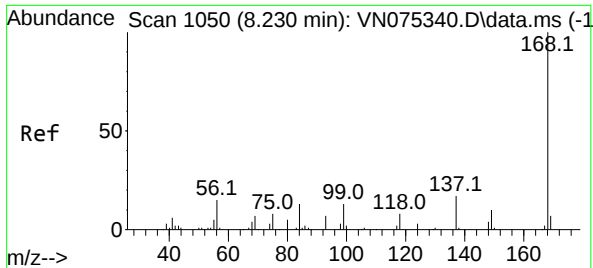
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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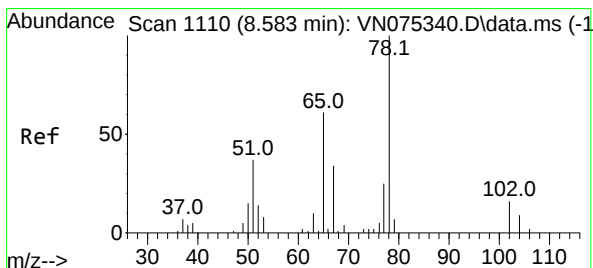
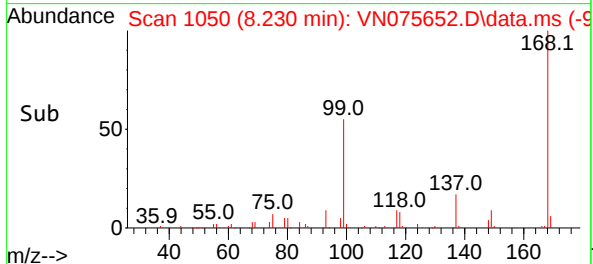
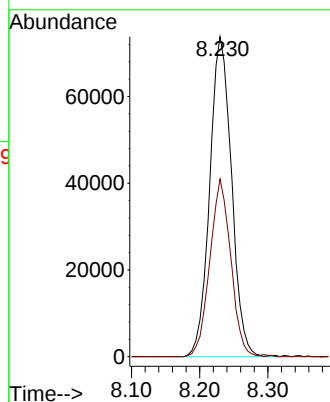
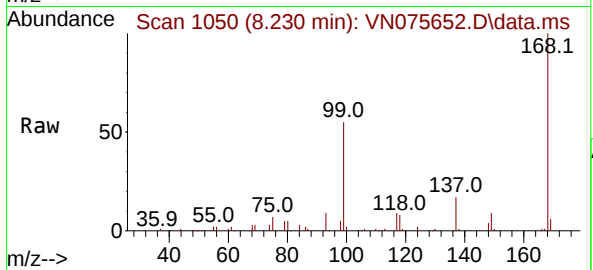




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11050
Delta R.T. -0.000 min
Lab File: VN075652.D
Acq: 08 Dec 2022 16:56

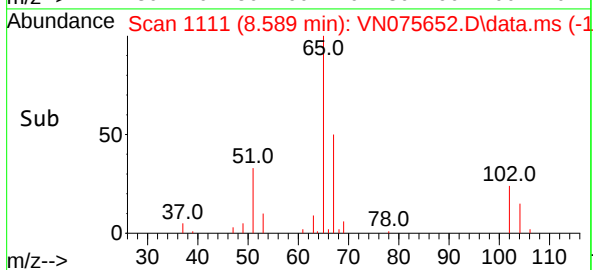
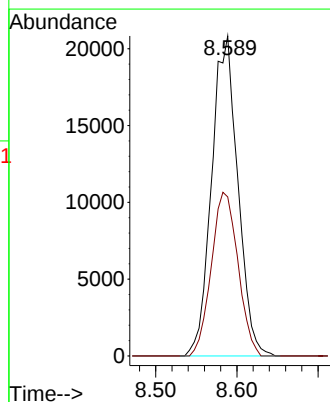
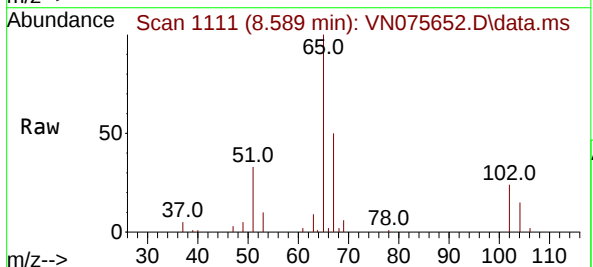
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

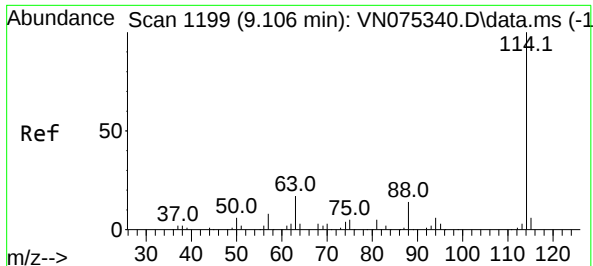
Tgt Ion:168 Resp: 164035
Ion Ratio Lower Upper
168 100
99 55.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 53.075 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075652.D
Acq: 08 Dec 2022 16:56

Tgt Ion: 65 Resp: 46733
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075652.D

Acq: 08 Dec 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

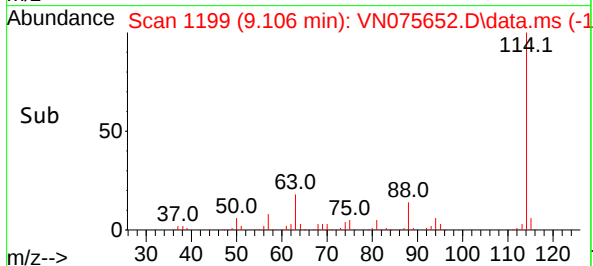
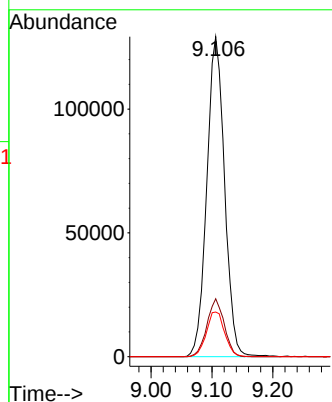
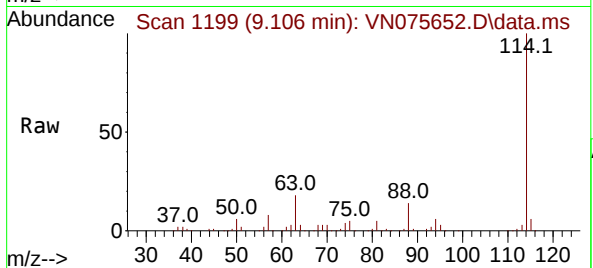
Tgt Ion:114 Resp: 262181

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 58.831 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075652.D

Acq: 08 Dec 2022 16:56

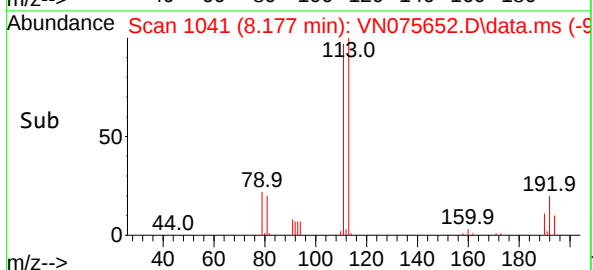
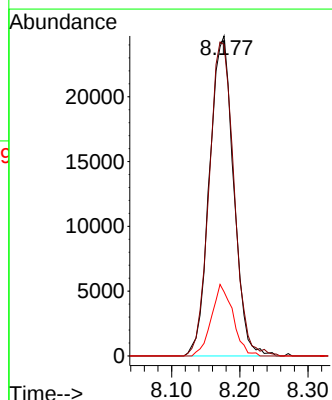
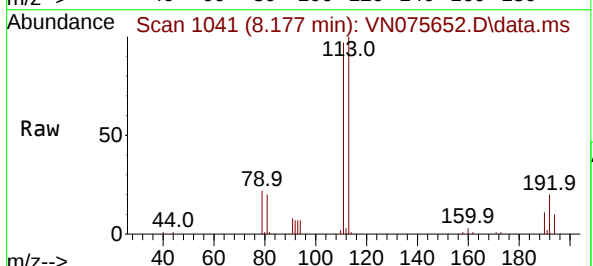
Tgt Ion:113 Resp: 60592

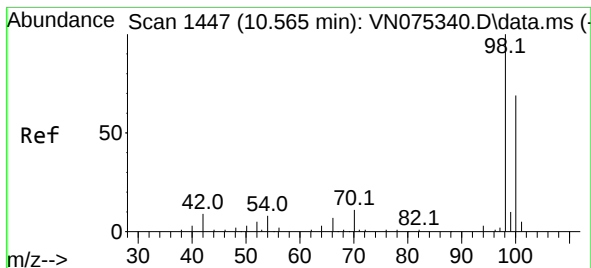
Ion Ratio Lower Upper

113 100

111 101.0 80.5 120.7

192 20.1 13.2 19.8#





#50

Toluene-d8

Concen: 52.236 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075652.D

Acq: 08 Dec 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

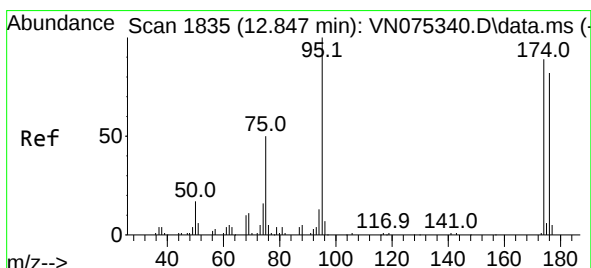
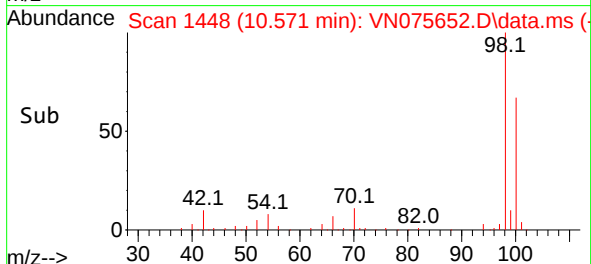
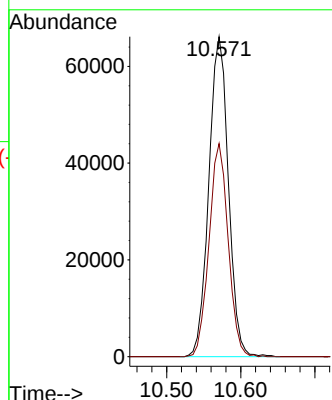
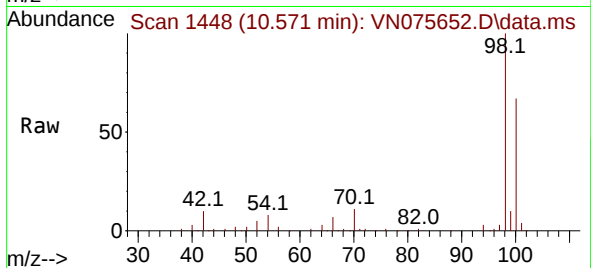
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 121171

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.208 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075652.D

Acq: 08 Dec 2022 16:56

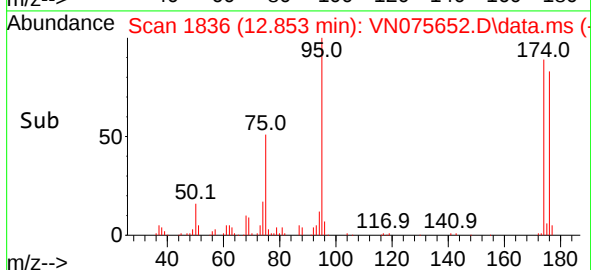
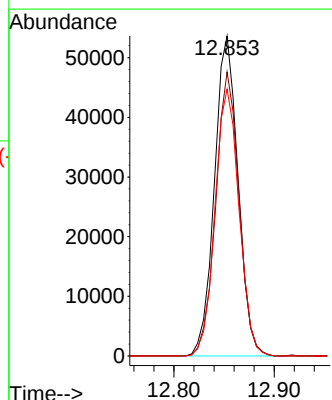
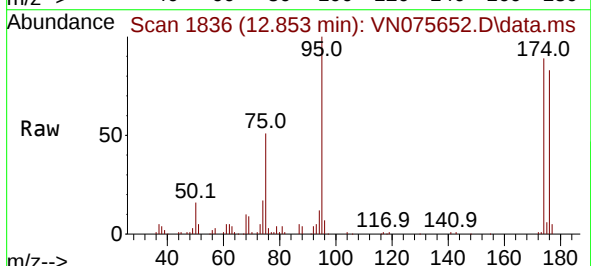
Tgt Ion: 95 Resp: 87677

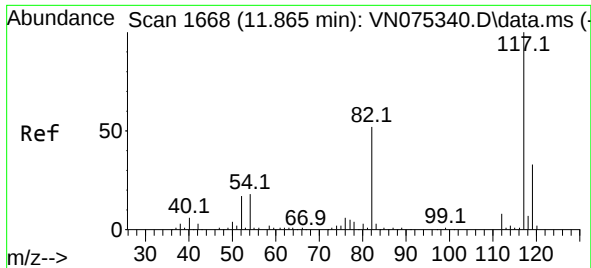
Ion Ratio Lower Upper

95 100

174 87.4 0.0 147.4

176 85.0 0.0 142.2

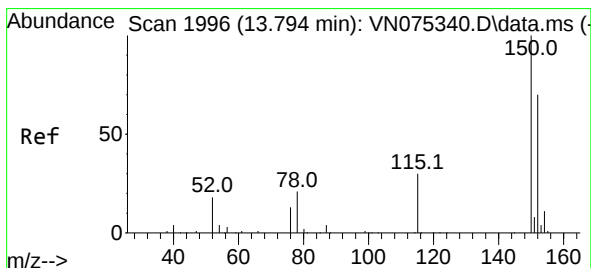
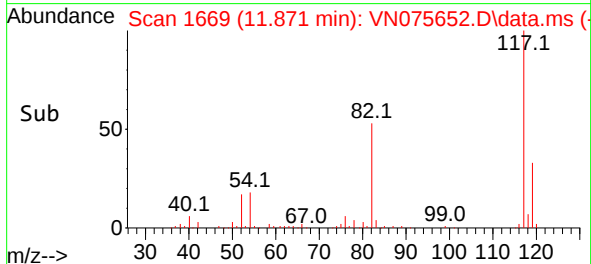
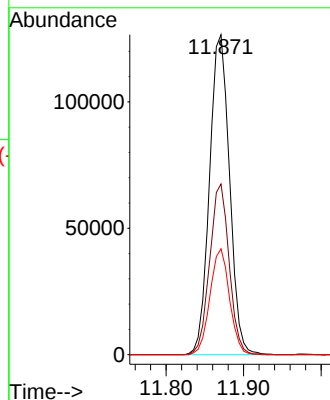
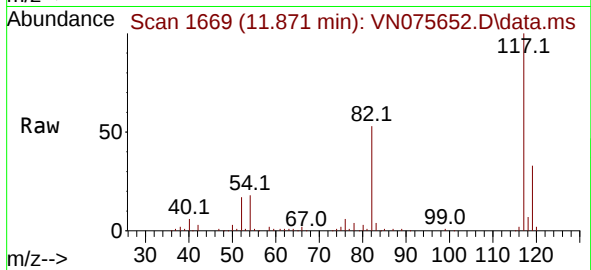




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075652.D
Acq: 08 Dec 2022 16:56

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 226844
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075652.D
Acq: 08 Dec 2022 16:56

Tgt Ion:152 Resp: 100543
Ion Ratio Lower Upper
152 100
115 56.8 30.2 90.6
150 155.6 0.0 348.4

