

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077156.D
 Acq On : 23 Mar 2023 17:55
 Operator : JC\MD
 Sample : 02048-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

Quant Time: Mar 24 01:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

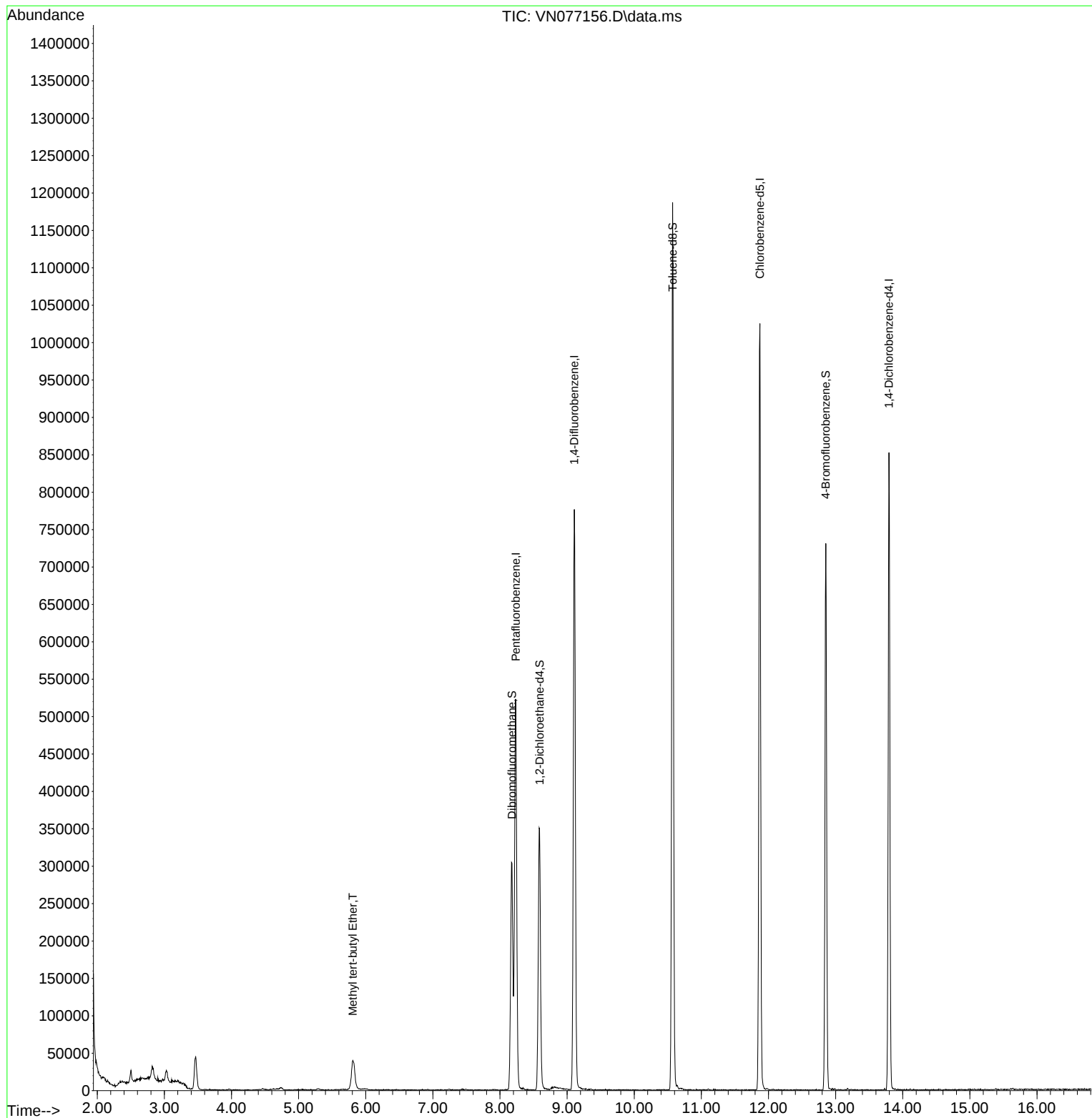
Internal Standards						
1) Pentafluorobenzene	8.236	168	364363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	642964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	568657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	288272	49.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.178	113	212832	47.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.572	98	797762	49.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.854	95	235056	41.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.720%#
Target Compounds						
19) Methyl tert-butyl Ether	5.807	73	58528	3.686	ug/l	Qvalue 94

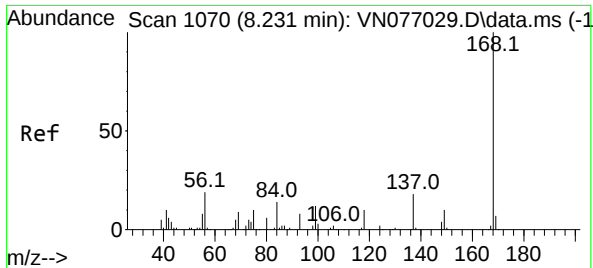
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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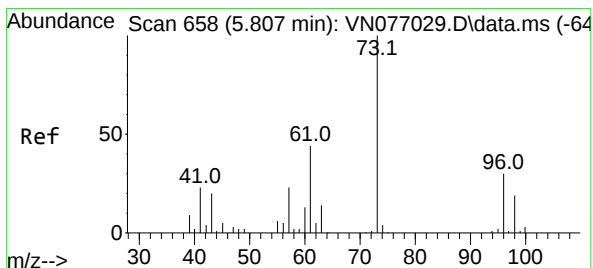
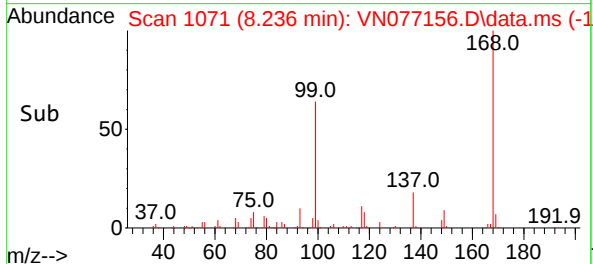
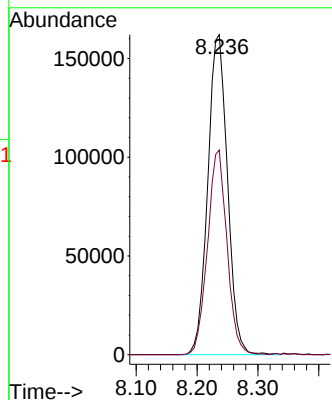
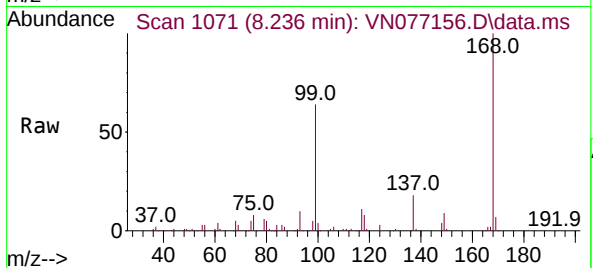




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077156.D
Acq: 23 Mar 2023 17:55

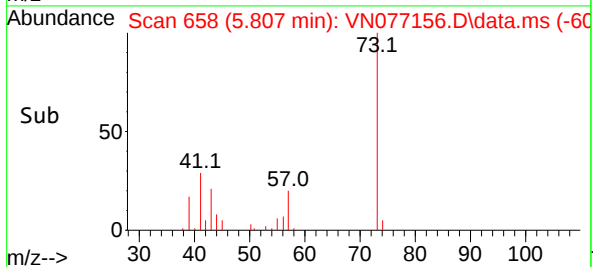
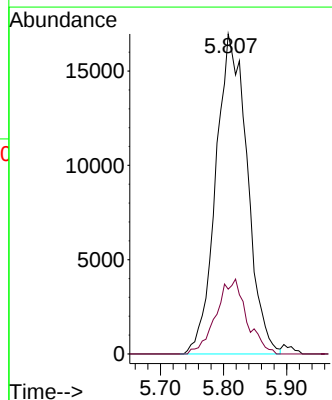
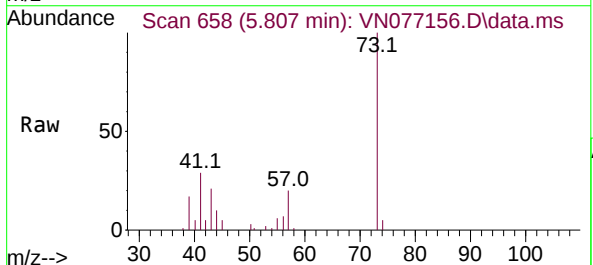
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

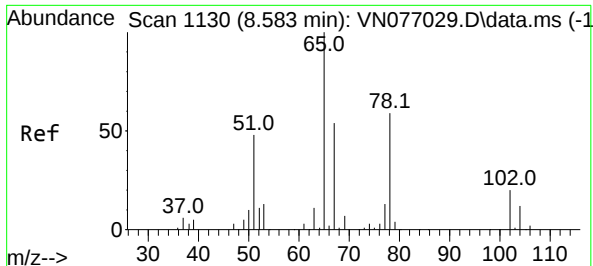
Tgt Ion:168 Resp: 364363
Ion Ratio Lower Upper
168 100
99 64.0 53.9 80.9



#19
Methyl tert-butyl Ether
Concen: 3.686 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077156.D
Acq: 23 Mar 2023 17:55

Tgt Ion: 73 Resp: 58528
Ion Ratio Lower Upper
73 100
57 20.3 18.7 28.1





#33

1,2-Dichloroethane-d4

Concen: 49.531 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN077156.D

Acq: 23 Mar 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

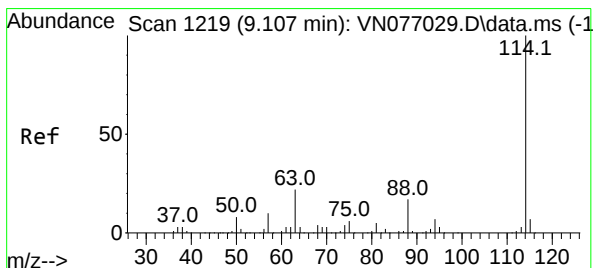
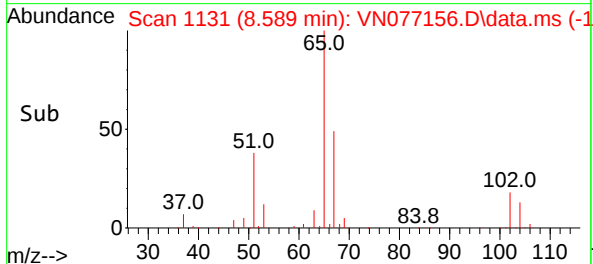
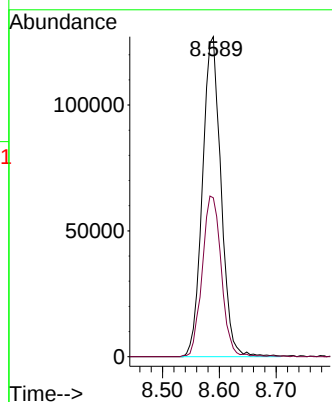
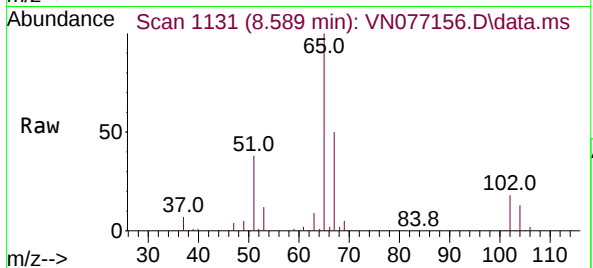
MW-1R

Tgt Ion: 65 Resp: 288272

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077156.D

Acq: 23 Mar 2023 17:55

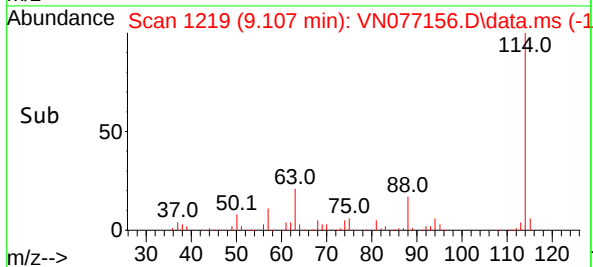
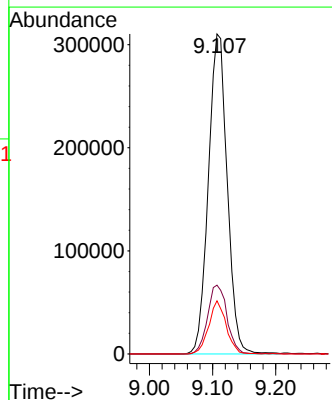
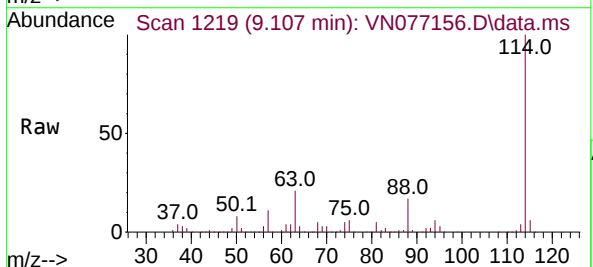
Tgt Ion: 114 Resp: 642964

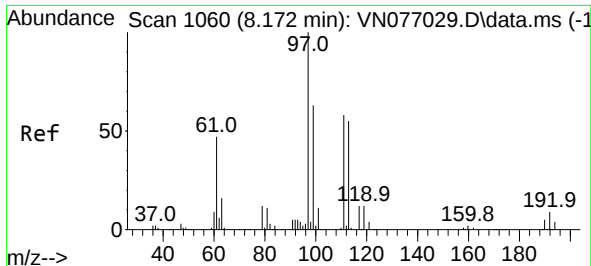
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.267 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077156.D

Acq: 23 Mar 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

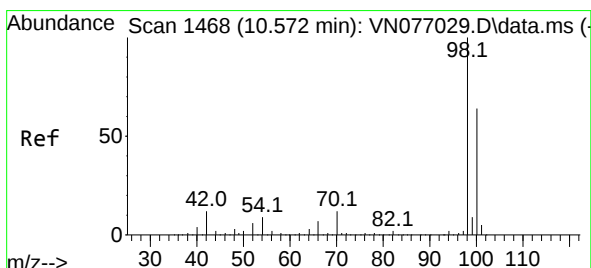
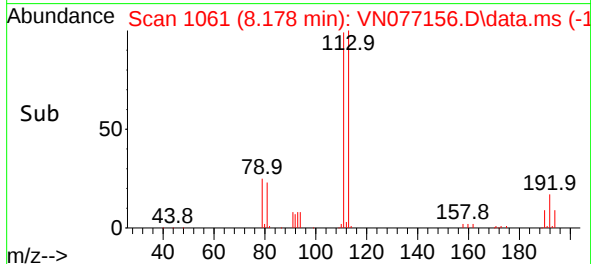
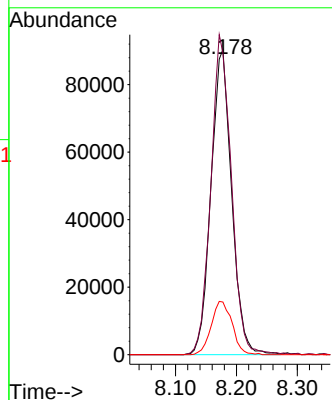
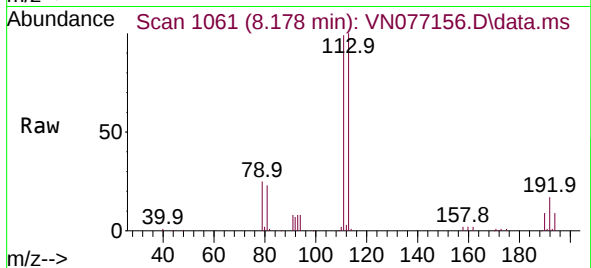
Tgt Ion:113 Resp: 212832

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 17.7 13.0 19.6



#50

Toluene-d8

Concen: 49.598 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077156.D

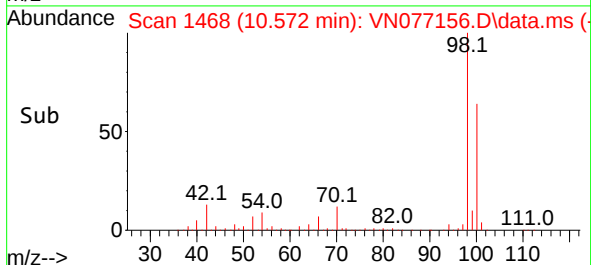
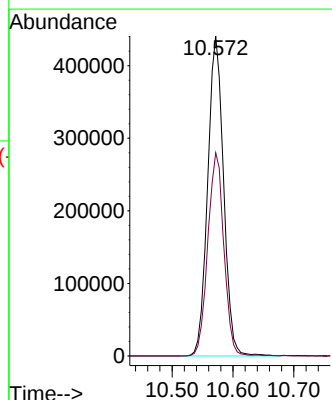
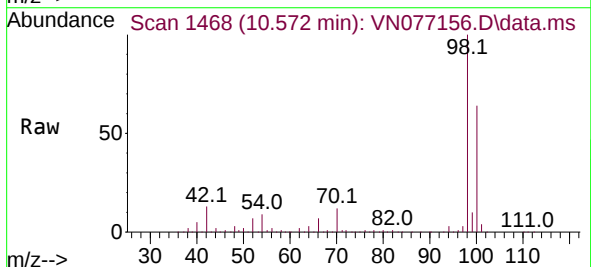
Acq: 23 Mar 2023 17:55

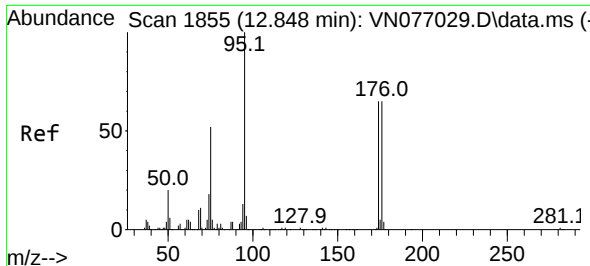
Tgt Ion: 98 Resp: 797762

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

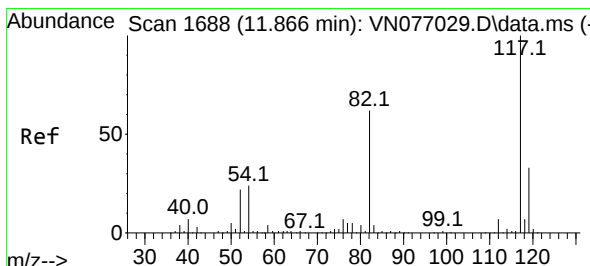
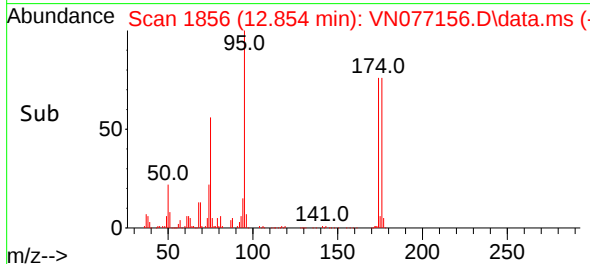
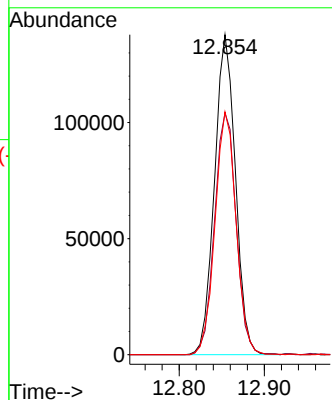
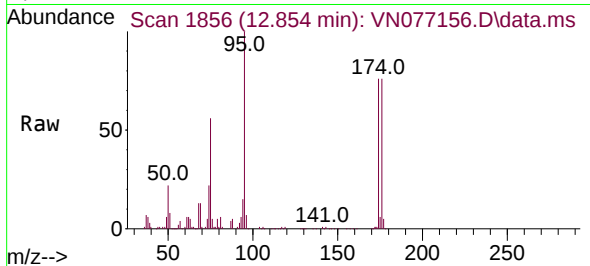




#62
4-Bromofluorobenzene
Concen: 41.356 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077156.D
Acq: 23 Mar 2023 17:55

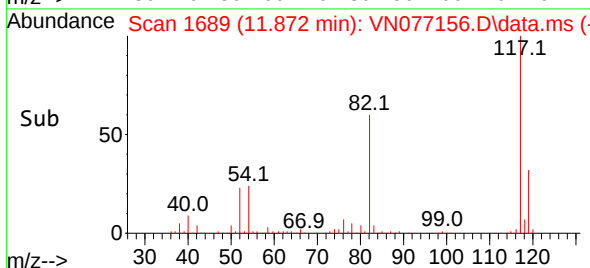
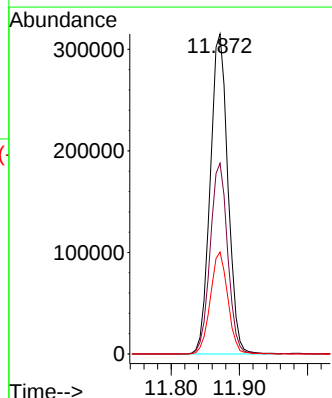
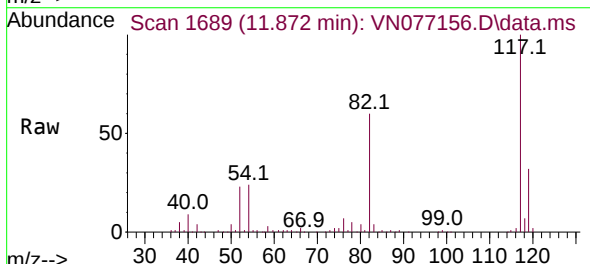
Instrument :
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MW-1R

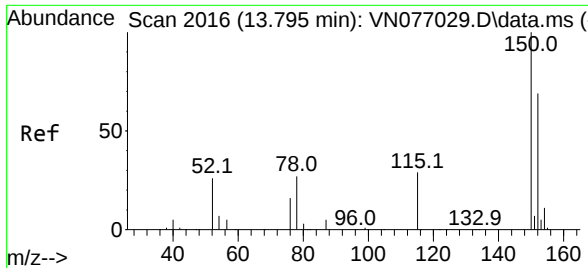
Tgt Ion: 95 Resp: 235056
Ion Ratio Lower Upper
95 100
174 77.9 0.0 136.6
176 76.4 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077156.D
Acq: 23 Mar 2023 17:55

Tgt Ion: 117 Resp: 568657
Ion Ratio Lower Upper
117 100
82 59.6 49.4 74.0
119 31.8 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077156.D
 Acq: 23 Mar 2023 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

Tgt Ion:152	Resp:	216113
Ion	Ratio	Lower Upper
152	100	
115	60.9	31.9 95.7
150	156.0	0.0 348.0

