

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078687.D
 Acq On : 28 Jul 2023 16:04
 Operator : JC\MD
 Sample : 03831-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20-20230727

Quant Time: Jul 29 00:50:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

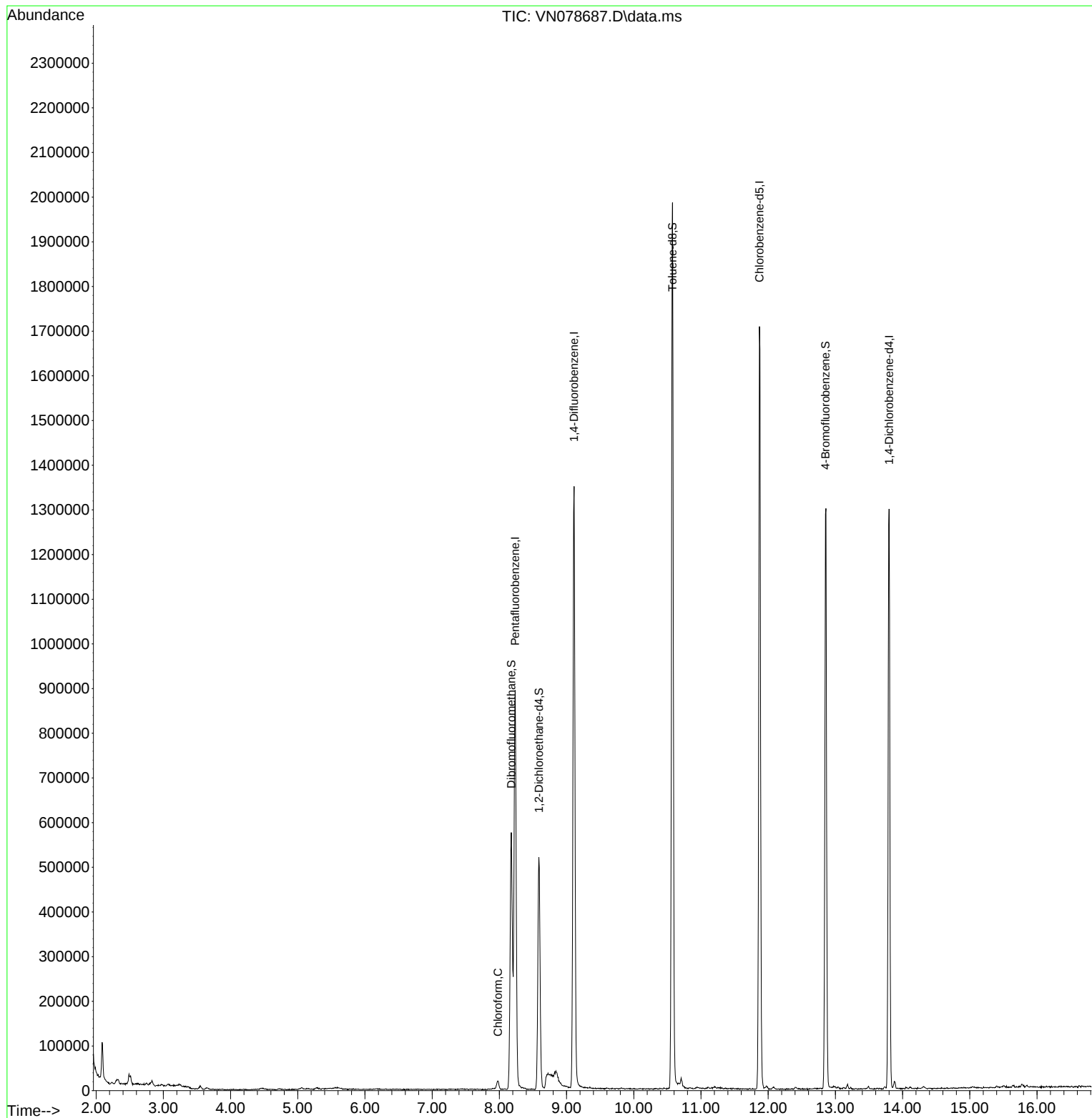
Internal Standards						
1) Pentafluorobenzene	8.235	168	680926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1210520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1085134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	382069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	437407	47.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.840%
35) Dibromofluoromethane	8.177	113	426317	51.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.576	98	1464119	47.164	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.853	95	497065	51.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.960%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	19923	1.292	ug/l	94

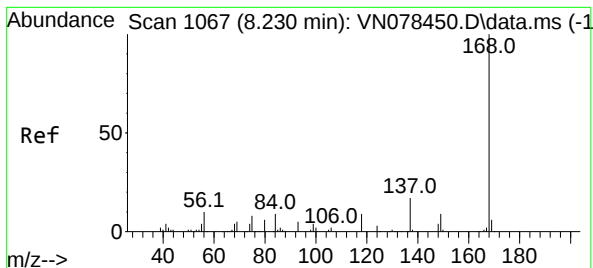
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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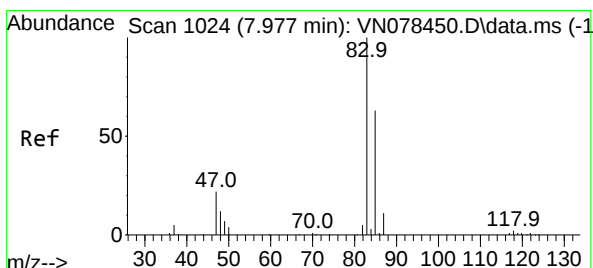
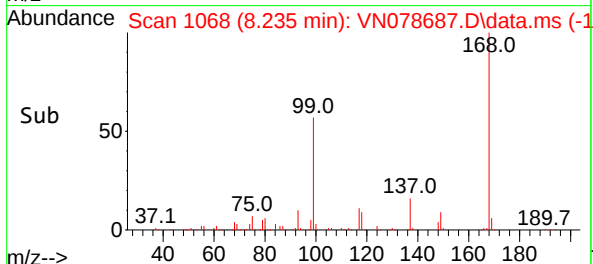
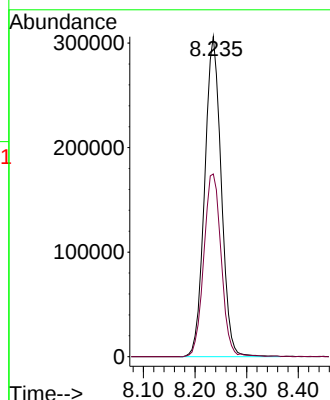
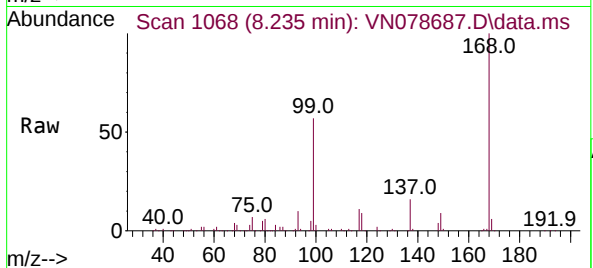




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078687.D
Acq: 28 Jul 2023 16:04

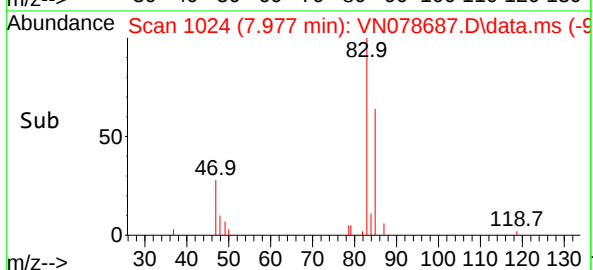
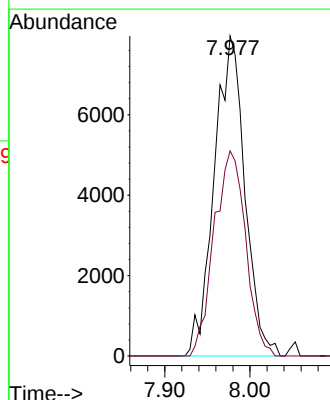
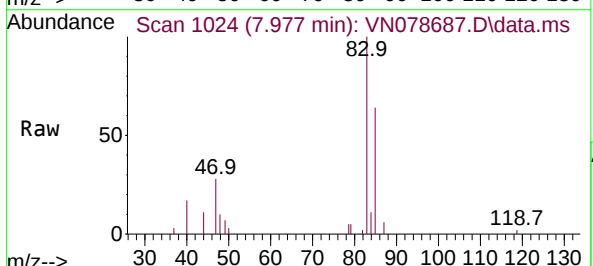
Instrument :
MSVOA_N
ClientSampleId :
MW-20-20230727

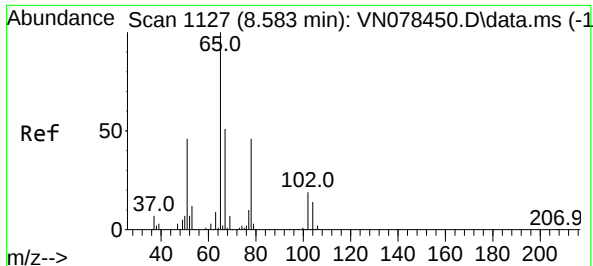
Tgt Ion:168 Resp: 680926
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#30
Chloroform
Concen: 1.292 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078687.D
Acq: 28 Jul 2023 16:04

Tgt Ion: 83 Resp: 19923
Ion Ratio Lower Upper
83 100
85 64.1 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 47.916 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078687.D

Acq: 28 Jul 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

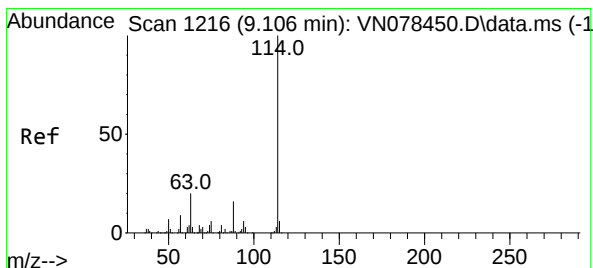
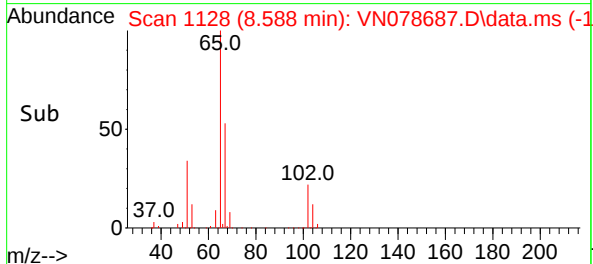
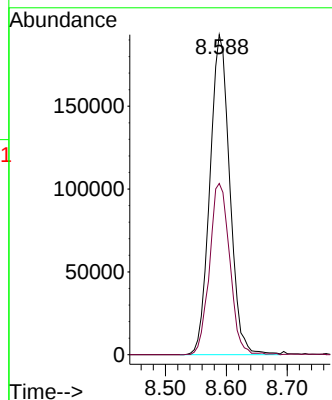
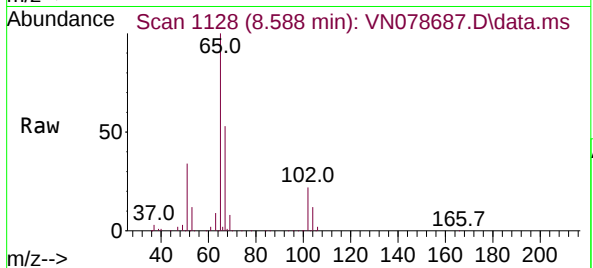
MW-20-20230727

Tgt Ion: 65 Resp: 437407

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078687.D

Acq: 28 Jul 2023 16:04

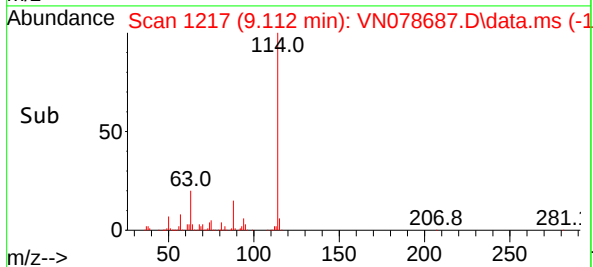
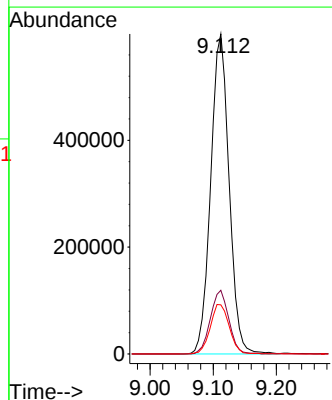
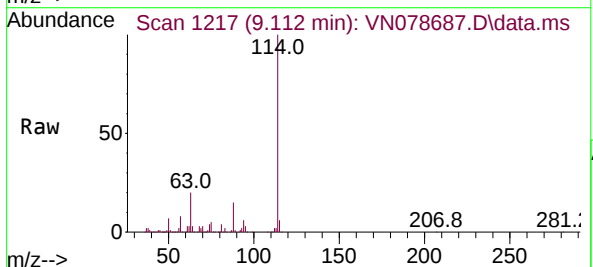
Tgt Ion: 114 Resp: 1210520

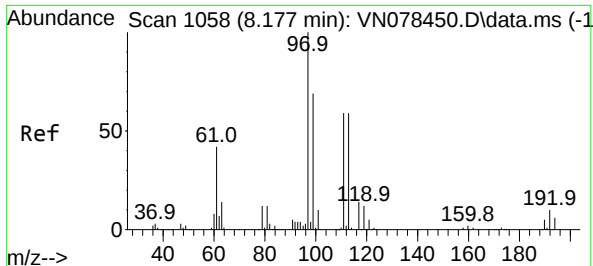
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.880 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078687.D

Acq: 28 Jul 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

MW-20-20230727

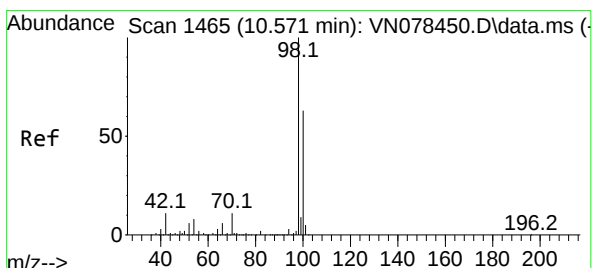
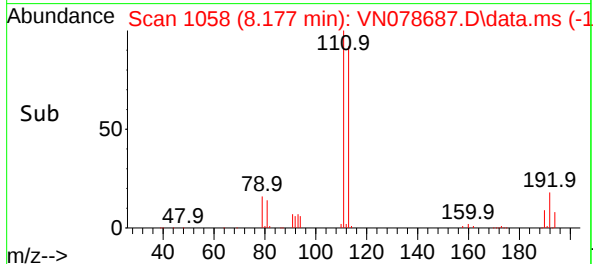
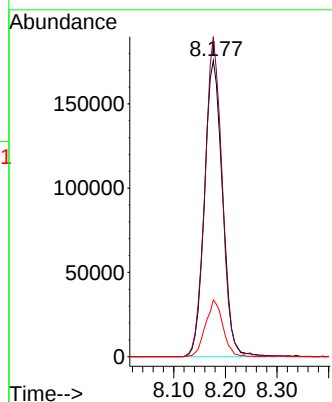
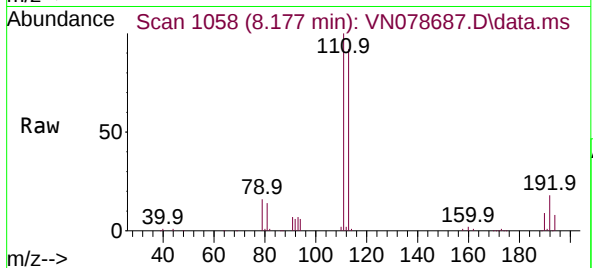
Tgt Ion:113 Resp: 426317

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 18.5 12.7 19.1



#50

Toluene-d8

Concen: 47.164 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078687.D

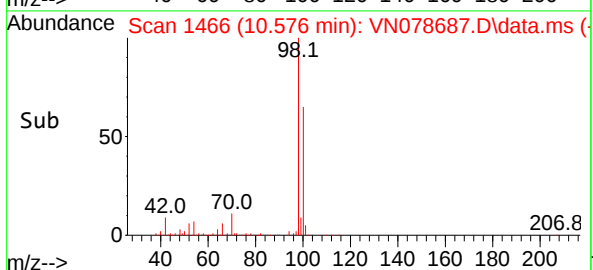
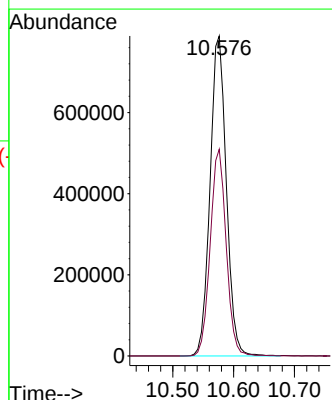
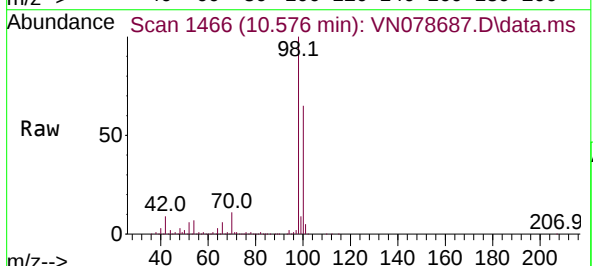
Acq: 28 Jul 2023 16:04

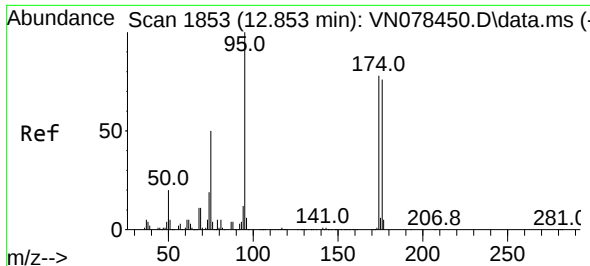
Tgt Ion: 98 Resp: 1464119

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

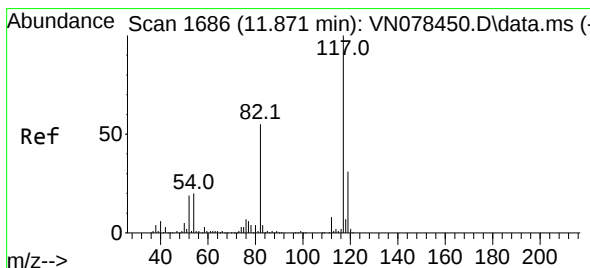
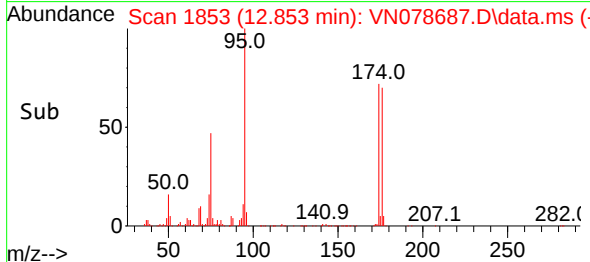
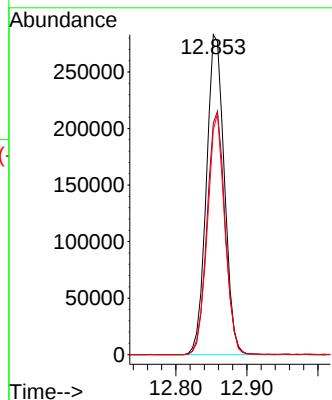
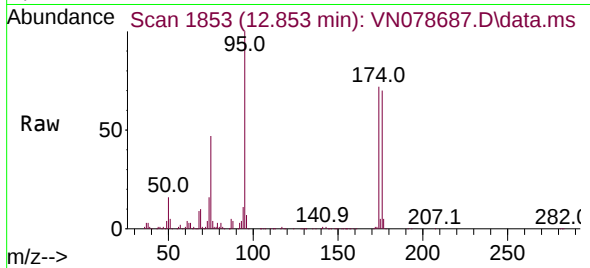




#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078687.D
Acq: 28 Jul 2023 16:04

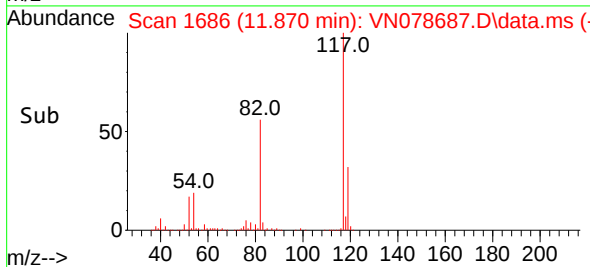
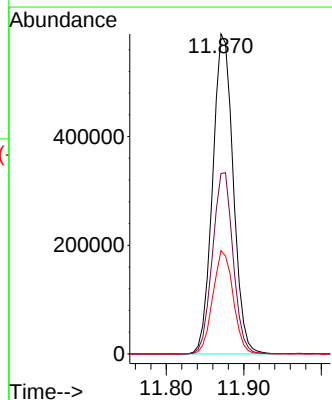
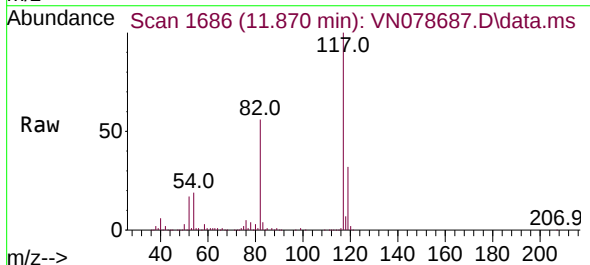
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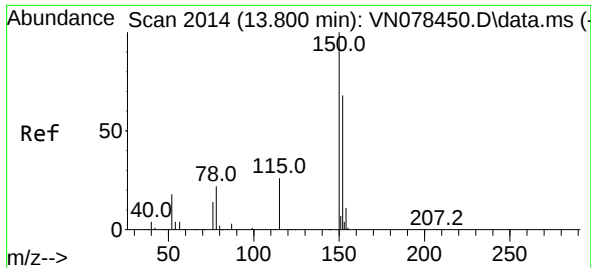
Tgt Ion: 95 Resp: 497065
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078687.D
Acq: 28 Jul 2023 16:04

Tgt Ion: 117 Resp: 1085134
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078687.D
 Acq: 28 Jul 2023 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20-20230727

Tgt Ion:152 Resp: 382069
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 156.0 0.0 355.8

