

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078684.D
 Acq On : 28 Jul 2023 14:50
 Operator : JC\MD
 Sample : 03831-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17-20230727

Quant Time: Jul 29 00:48:53 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)

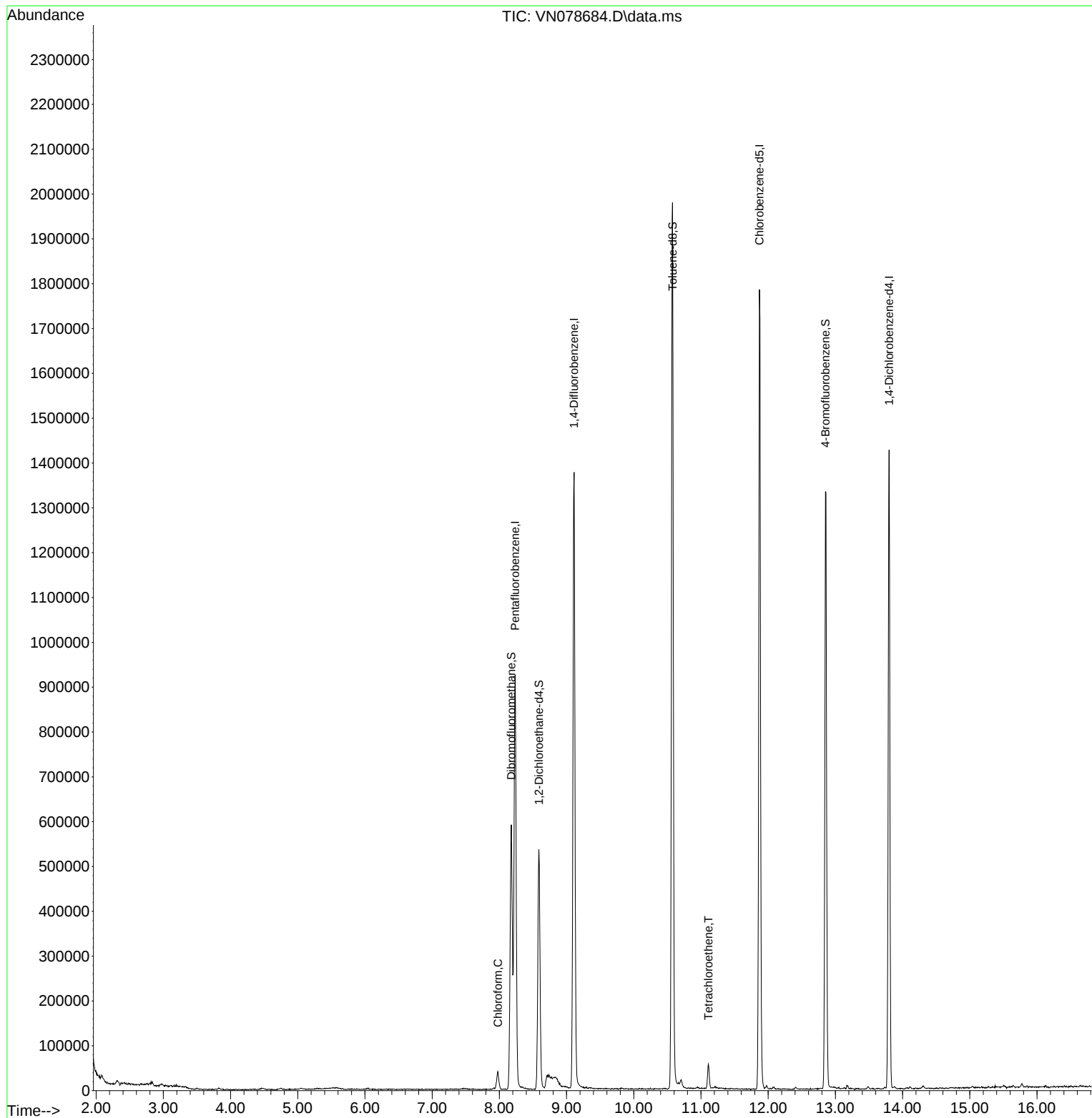
Internal Standards						
1) Pentafluorobenzene	8.235	168	694155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1233975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1111050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	404138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	443818	47.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	8.177	113	433497	51.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.500%
50) Toluene-d8	10.576	98	1494148	47.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.853	95	523085	53.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.340%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	36468	2.320	ug/l	100
64) Tetrachloroethene	11.112	164	11949	1.430	ug/l	88

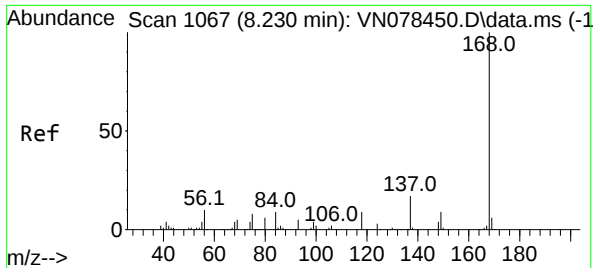
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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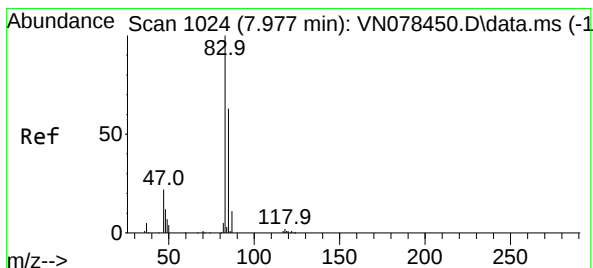
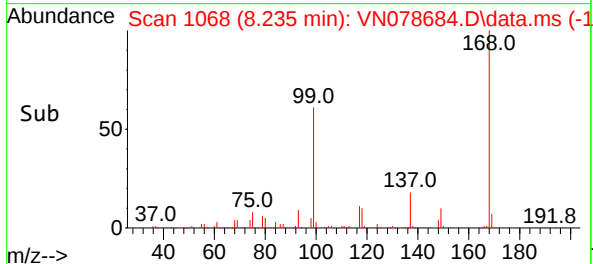
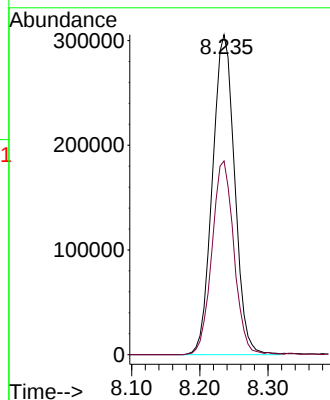
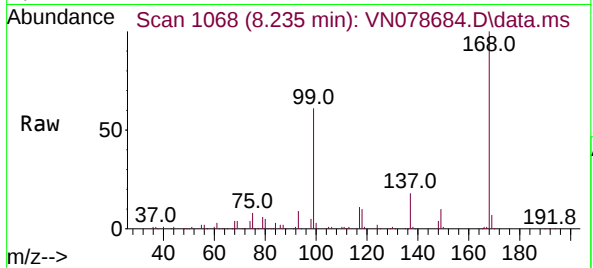




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078684.D
Acq: 28 Jul 2023 14:50

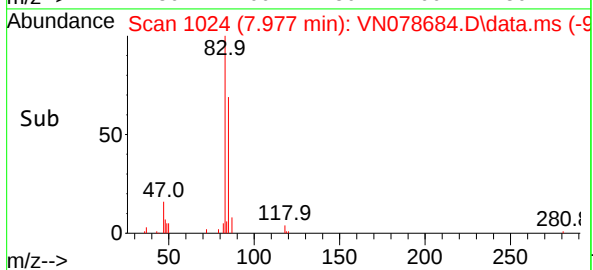
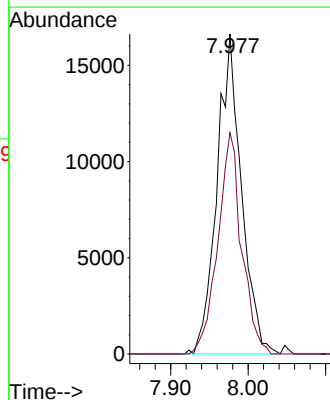
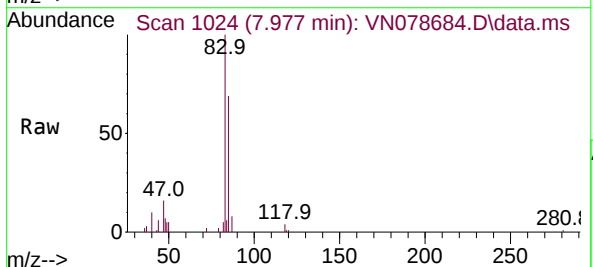
Instrument :
MSVOA_N
ClientSampleId :
MW-17-20230727

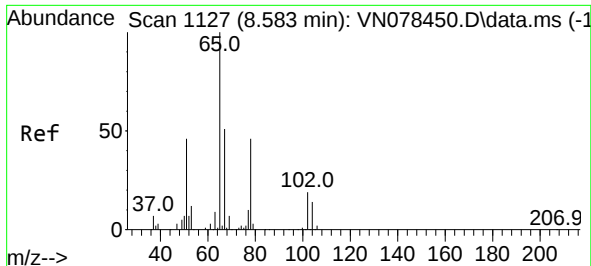
Tgt Ion:168 Resp: 694155
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#30
Chloroform
Concen: 2.320 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078684.D
Acq: 28 Jul 2023 14:50

Tgt Ion: 83 Resp: 36468
Ion Ratio Lower Upper
83 100
85 69.1 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078684.D

Acq: 28 Jul 2023 14:50

Instrument :

MSVOA_N

ClientSampleId :

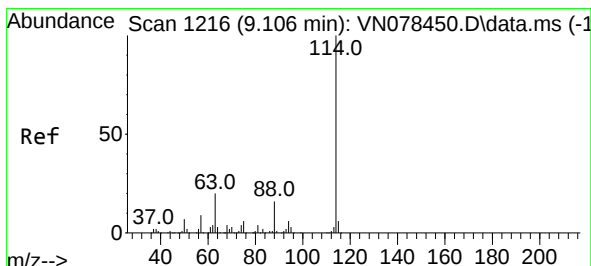
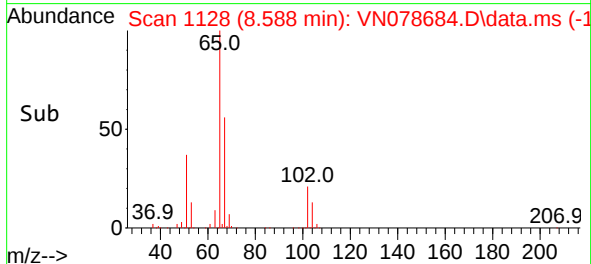
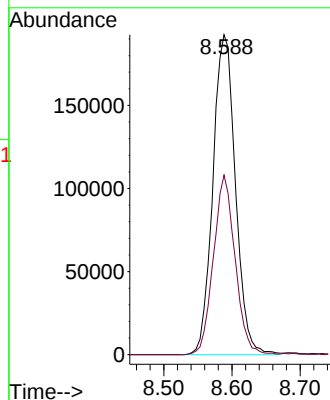
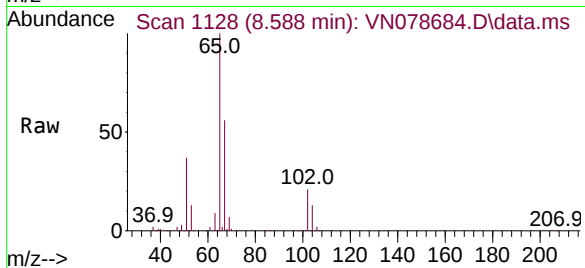
MW-17-20230727

Tgt Ion: 65 Resp: 443818

Ion Ratio Lower Upper

65 100

67 53.8 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: VN078684.D

Acq: 28 Jul 2023 14:50

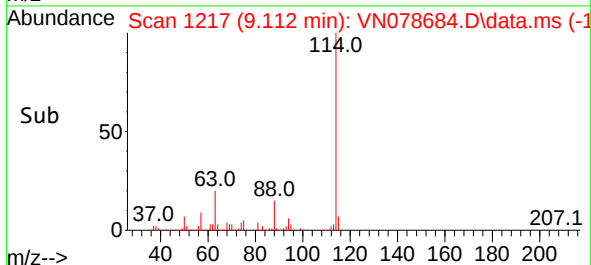
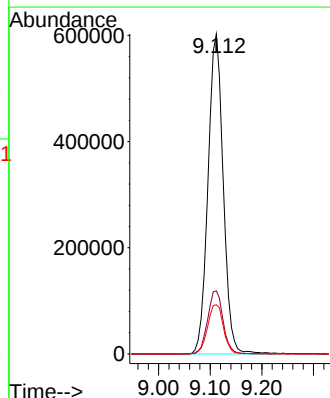
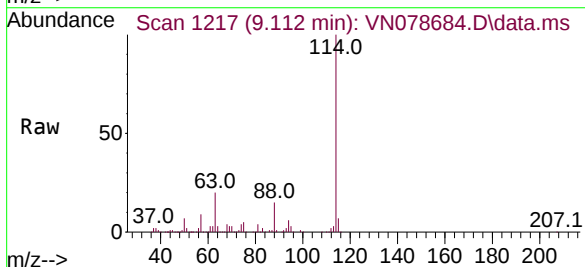
Tgt Ion: 114 Resp: 1233975

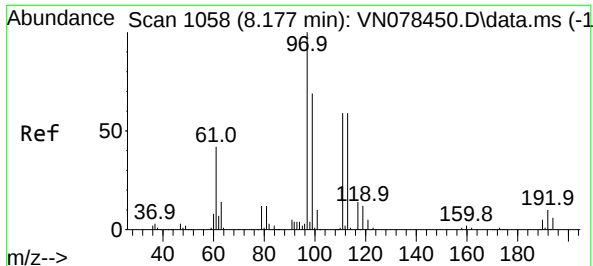
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.751 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078684.D

Acq: 28 Jul 2023 14:50

Instrument :

MSVOA_N

ClientSampleId :

MW-17-20230727

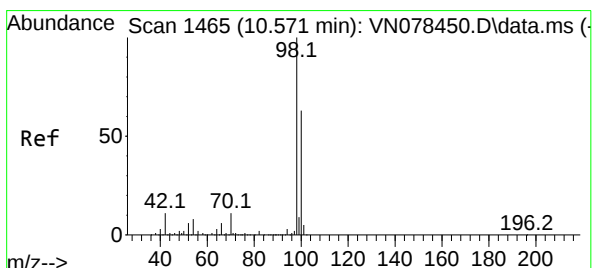
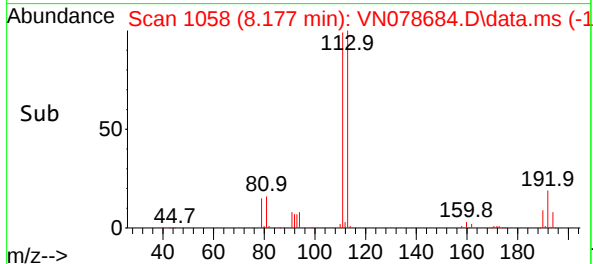
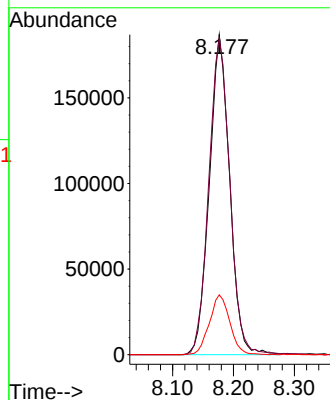
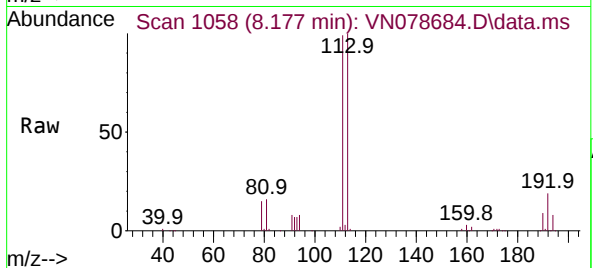
Tgt Ion:113 Resp: 433497

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.8 12.7 19.1



#50

Toluene-d8

Concen: 47.217 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078684.D

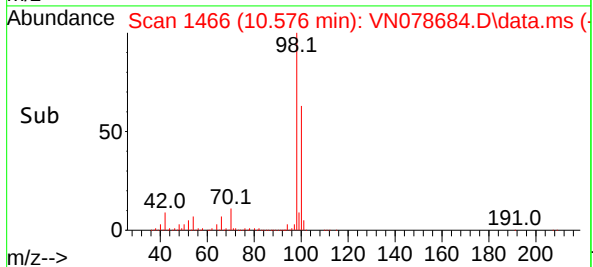
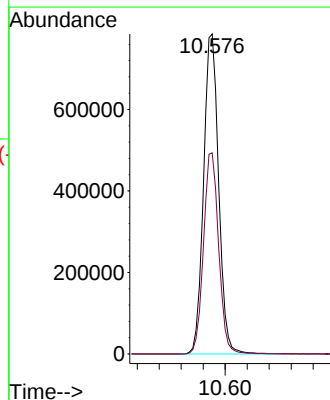
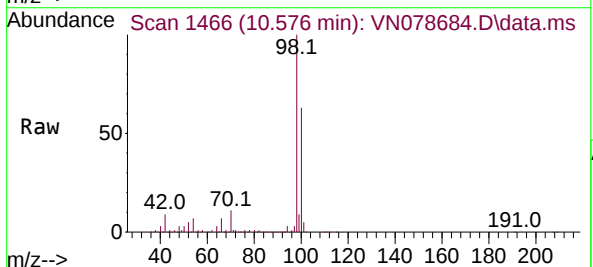
Acq: 28 Jul 2023 14:50

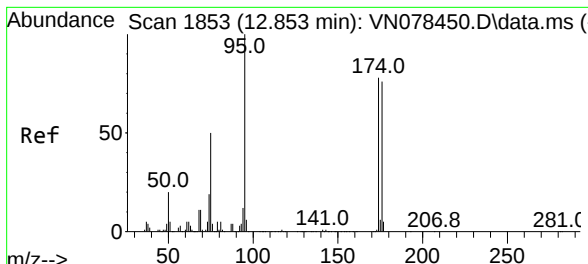
Tgt Ion: 98 Resp: 1494148

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

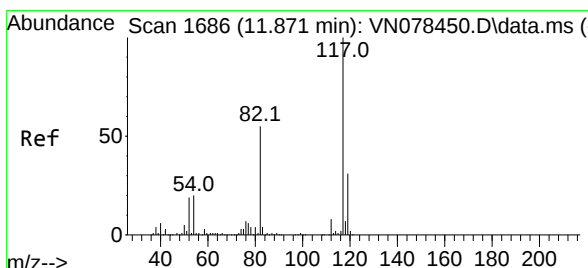
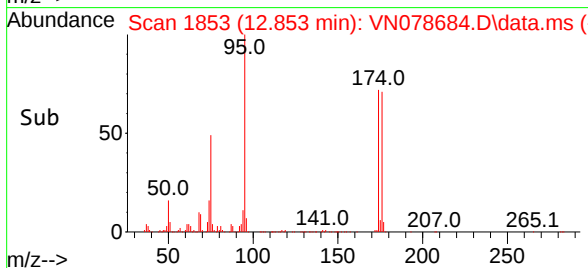
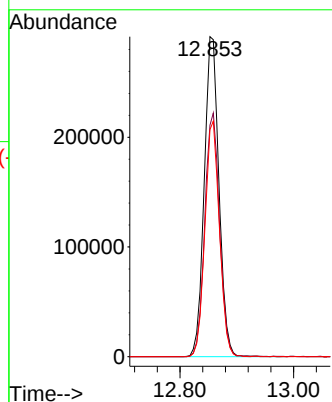
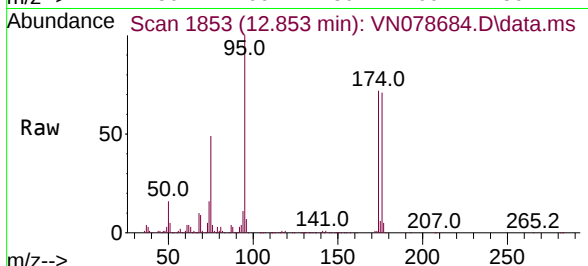




#62
4-Bromofluorobenzene
Concen: 53.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078684.D
Acq: 28 Jul 2023 14:50

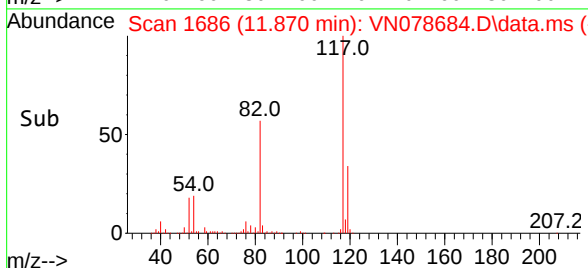
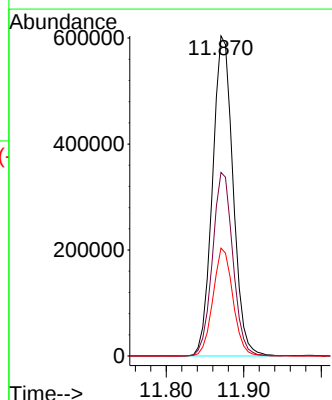
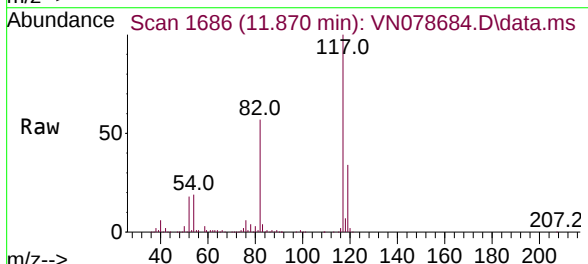
Instrument :
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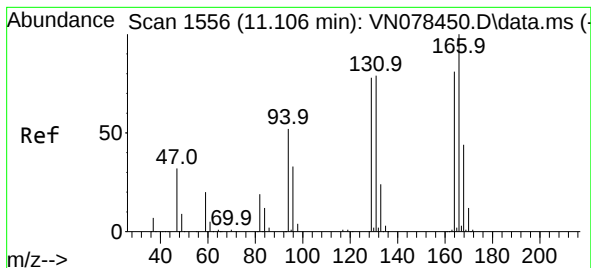
Tgt Ion:	95	Resp:	523085
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	143.8
176	72.4	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078684.D
Acq: 28 Jul 2023 14:50

Tgt Ion:	117	Resp:	1111050
Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.0	66.0
119	33.7	25.6	38.4





#64

Tetrachloroethene

Concen: 1.430 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078684.D

Acq: 28 Jul 2023 14:50

Instrument :

MSVOA_N

ClientSampleId :

MW-17-20230727

Tgt Ion:164 Resp: 11949

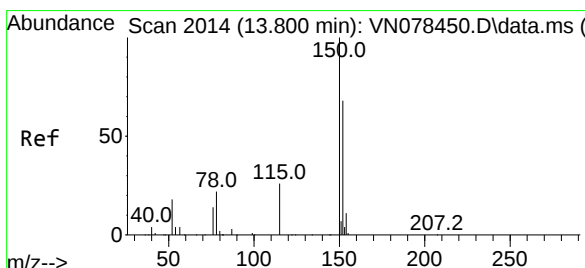
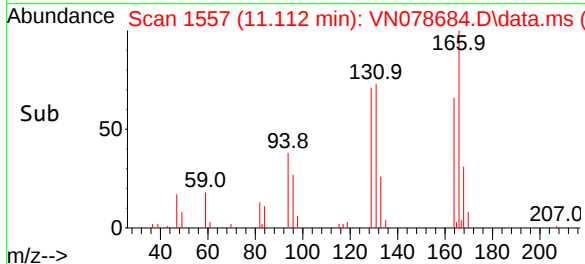
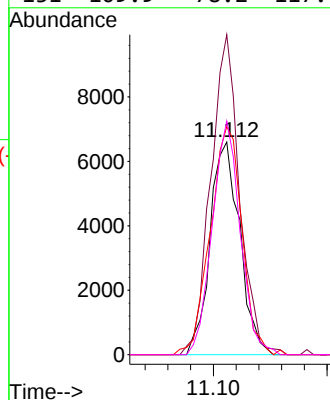
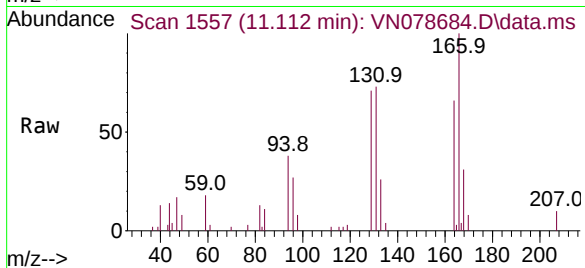
Ion Ratio Lower Upper

164 100

166 150.5 101.4 152.0

129 105.0 82.4 123.6

131 109.9 78.2 117.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078684.D

Acq: 28 Jul 2023 14:50

Tgt Ion:152 Resp: 404138

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 156.3 0.0 355.8

