

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078686.D
 Acq On : 28 Jul 2023 15:39
 Operator : JC\MD
 Sample : 03831-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19-20230727

Quant Time: Jul 29 00:50:07 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)

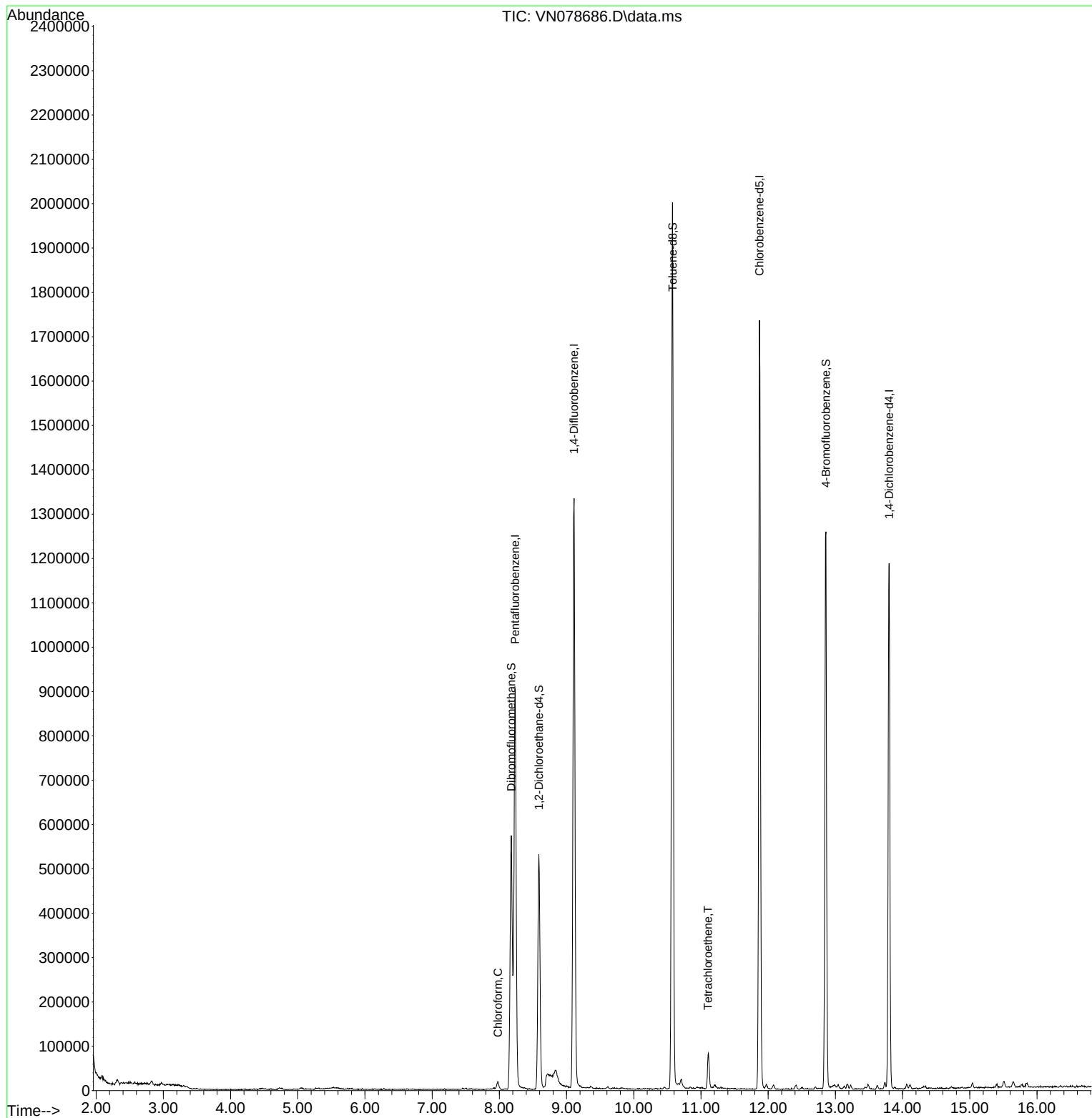
Internal Standards						
1) Pentafluorobenzene	8.235	168	671838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1204093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1082090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	340770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	426600	47.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	8.177	113	415734	50.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.576	98	1452928	47.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.859	95	480833	50.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.120%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	15590	1.025	ug/l	90
64) Tetrachloroethene	11.106	164	18648	2.292	ug/l #	84

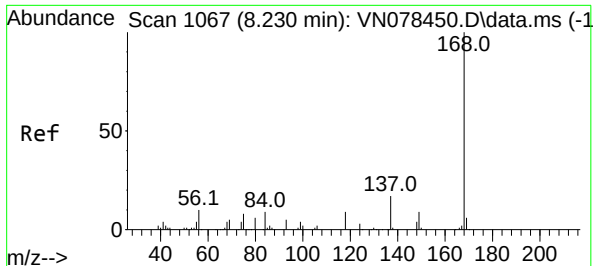
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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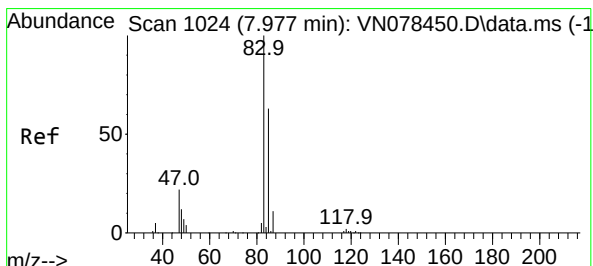
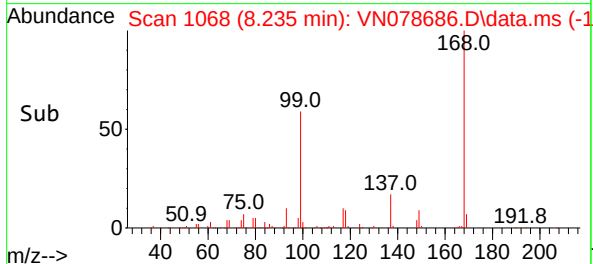
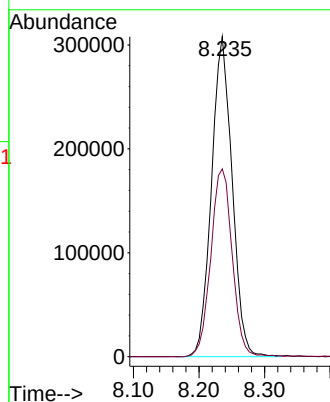
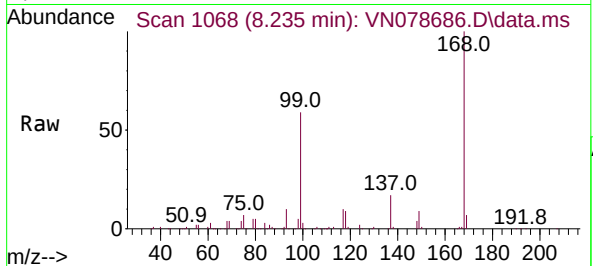




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

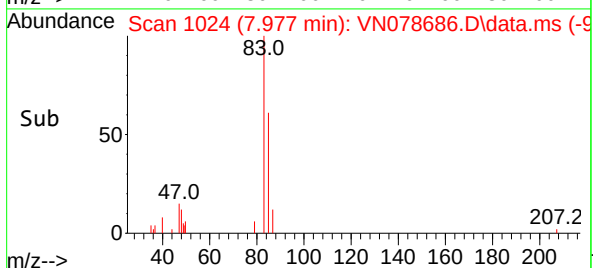
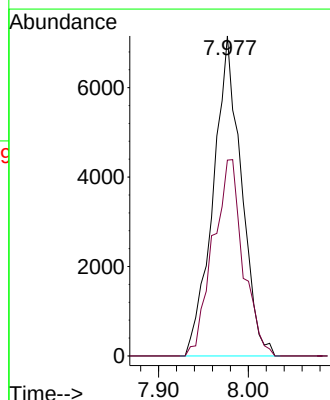
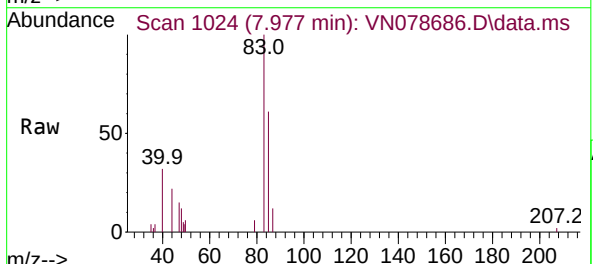
Instrument :
MSVOA_N
ClientSampleId :
MW-19-20230727

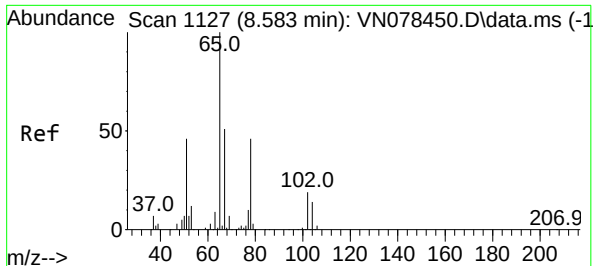
Tgt Ion:168 Resp: 671838
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6



#30
Chloroform
Concen: 1.025 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 83 Resp: 15590
Ion Ratio Lower Upper
83 100
85 61.2 55.4 83.0





#33

1,2-Dichloroethane-d4

Concen: 47.365 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

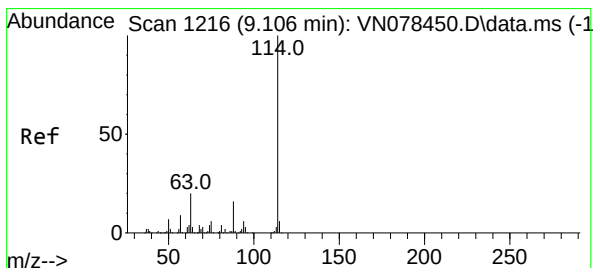
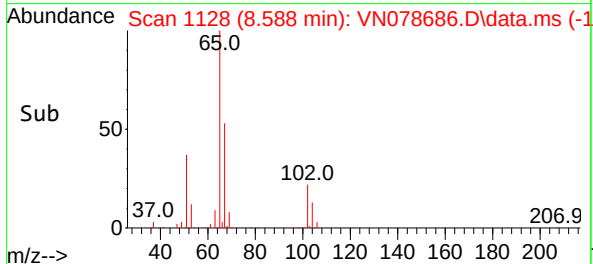
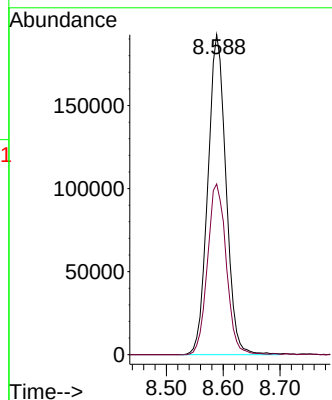
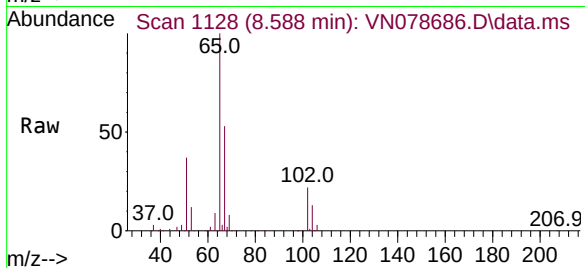
MW-19-20230727

Tgt Ion: 65 Resp: 426600

Ion Ratio Lower Upper

65 100

67 55.2 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: VN078686.D

Acq: 28 Jul 2023 15:39

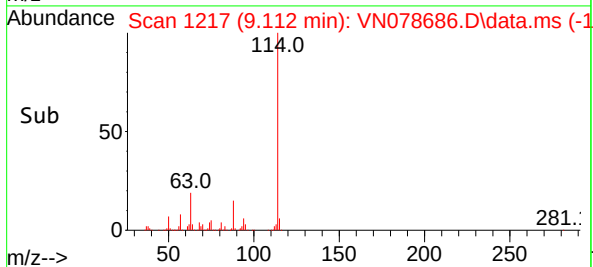
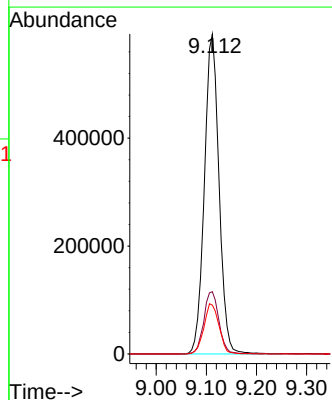
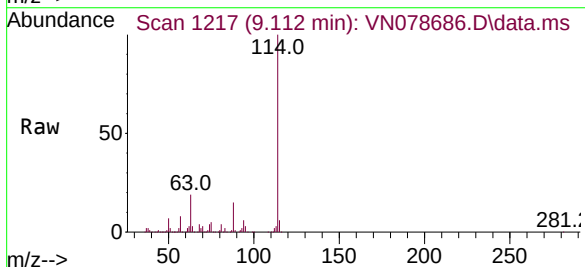
Tgt Ion: 114 Resp: 1204093

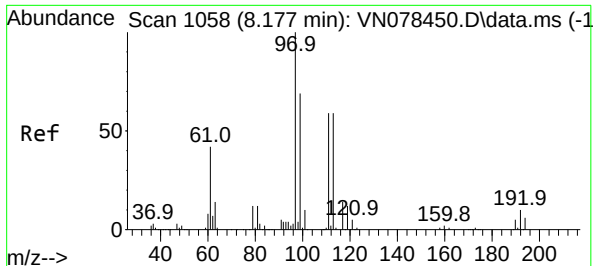
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.862 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078686.D

Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727

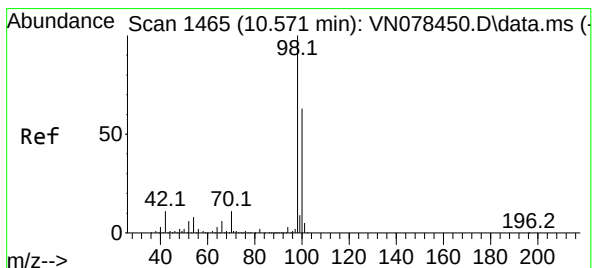
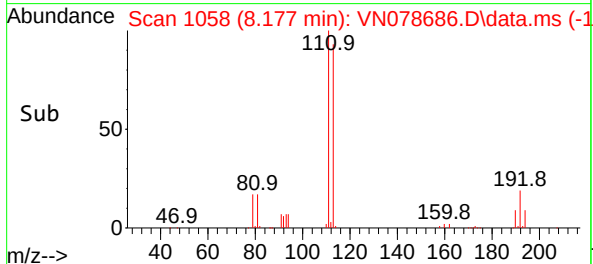
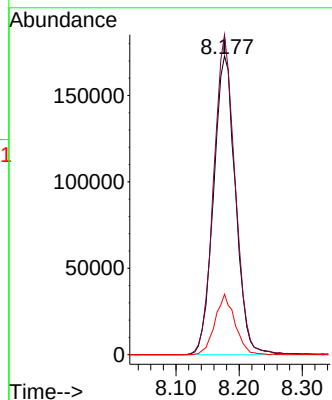
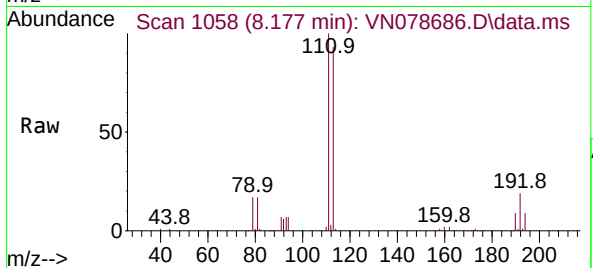
Tgt Ion:113 Resp: 415734

Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 18.5 12.7 19.1



#50

Toluene-d8

Concen: 47.054 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078686.D

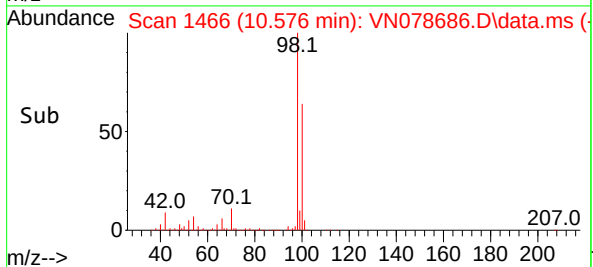
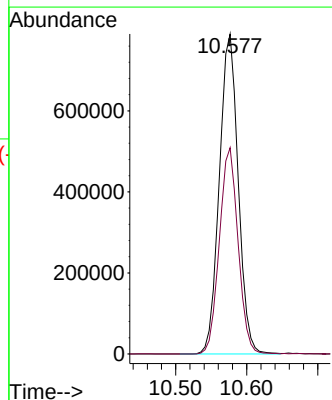
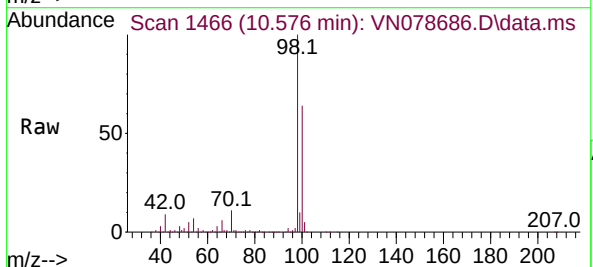
Acq: 28 Jul 2023 15:39

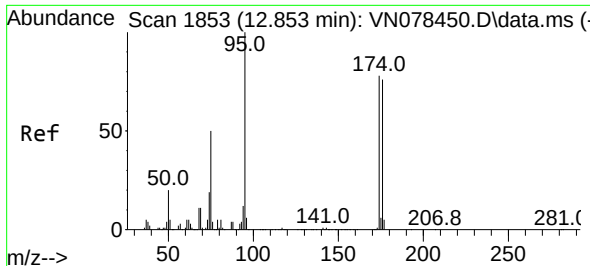
Tgt Ion: 98 Resp: 1452928

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

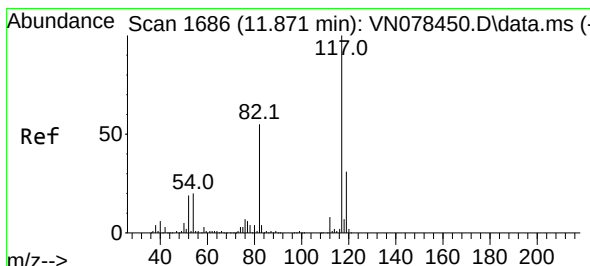
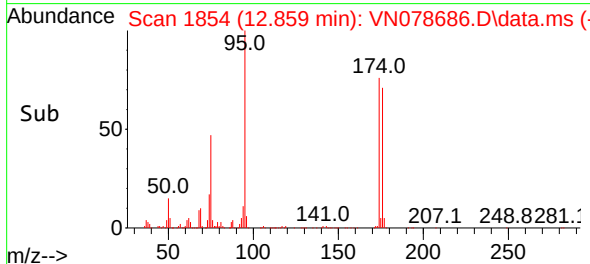
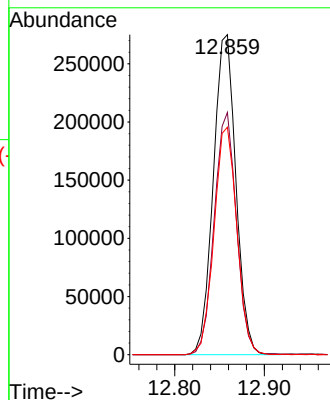
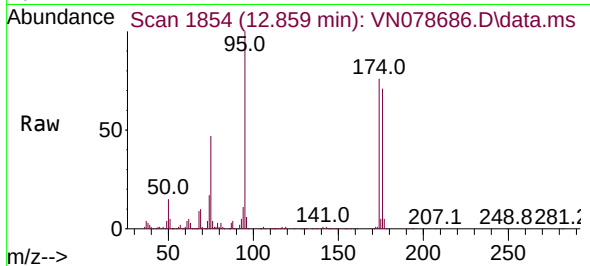




#62
4-Bromofluorobenzene
Concen: 50.555 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

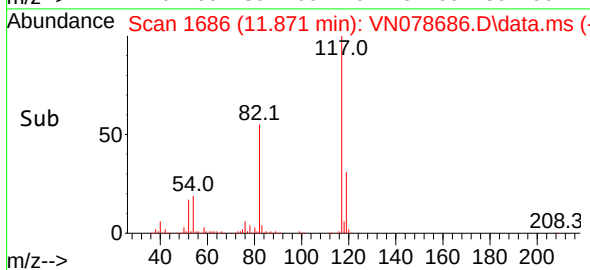
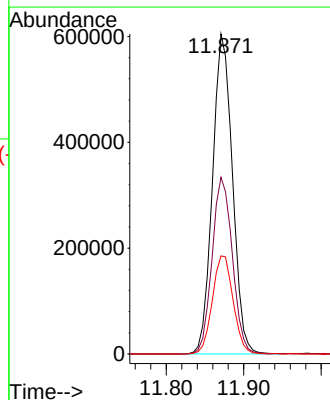
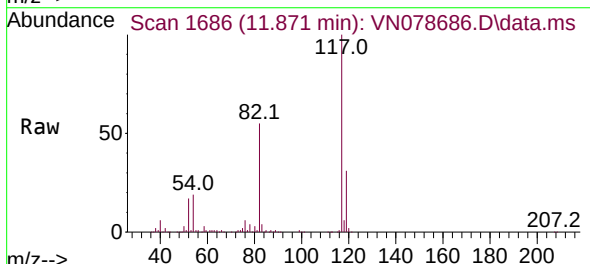
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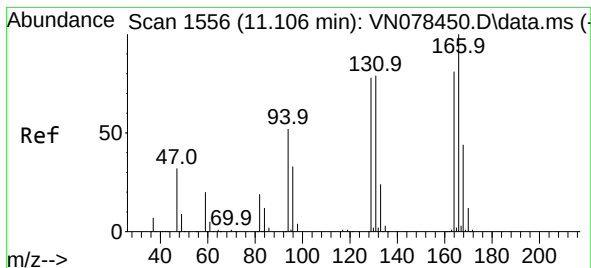
Tgt Ion: 95 Resp: 480833
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078686.D
Acq: 28 Jul 2023 15:39

Tgt Ion: 117 Resp: 1082090
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 30.7 25.6 38.4





#64

Tetrachloroethene

Concen: 2.292 ug/l

RT: 11.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078686.D

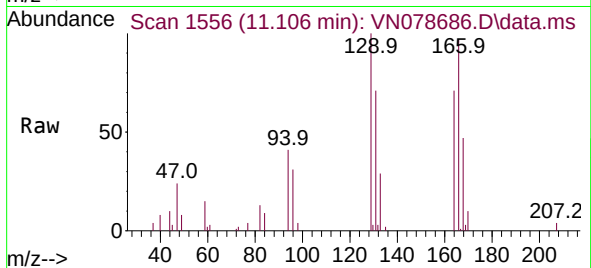
Acq: 28 Jul 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

MW-19-20230727



Tgt Ion:164 Resp: 18648

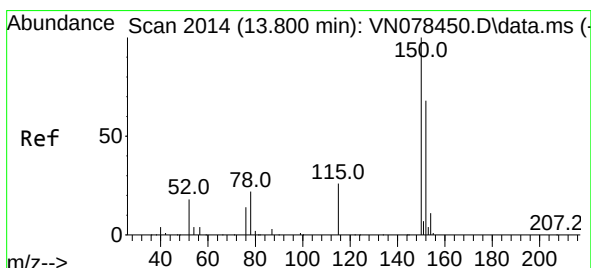
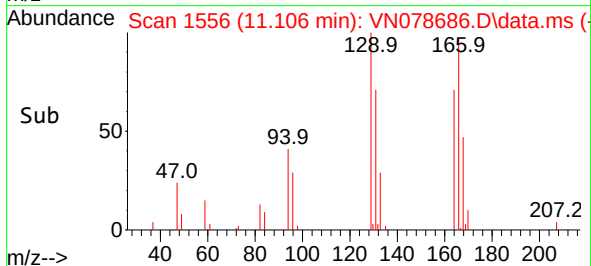
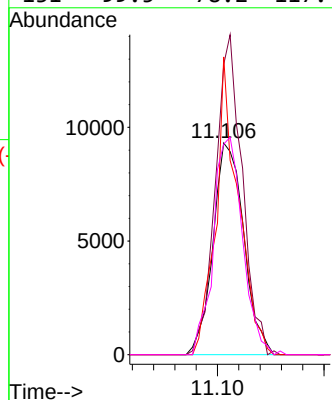
Ion Ratio Lower Upper

164 100

166 137.1 101.4 152.0

129 140.7 82.4 123.6#

131 99.5 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: VN078686.D

Acq: 28 Jul 2023 15:39

Tgt Ion:152 Resp: 340770

Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 158.5 0.0 355.8

