

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072454.D
 Acq On : 12 May 2022 15:44
 Operator : JC\MD
 Sample : N2800-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: May 13 02:45:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

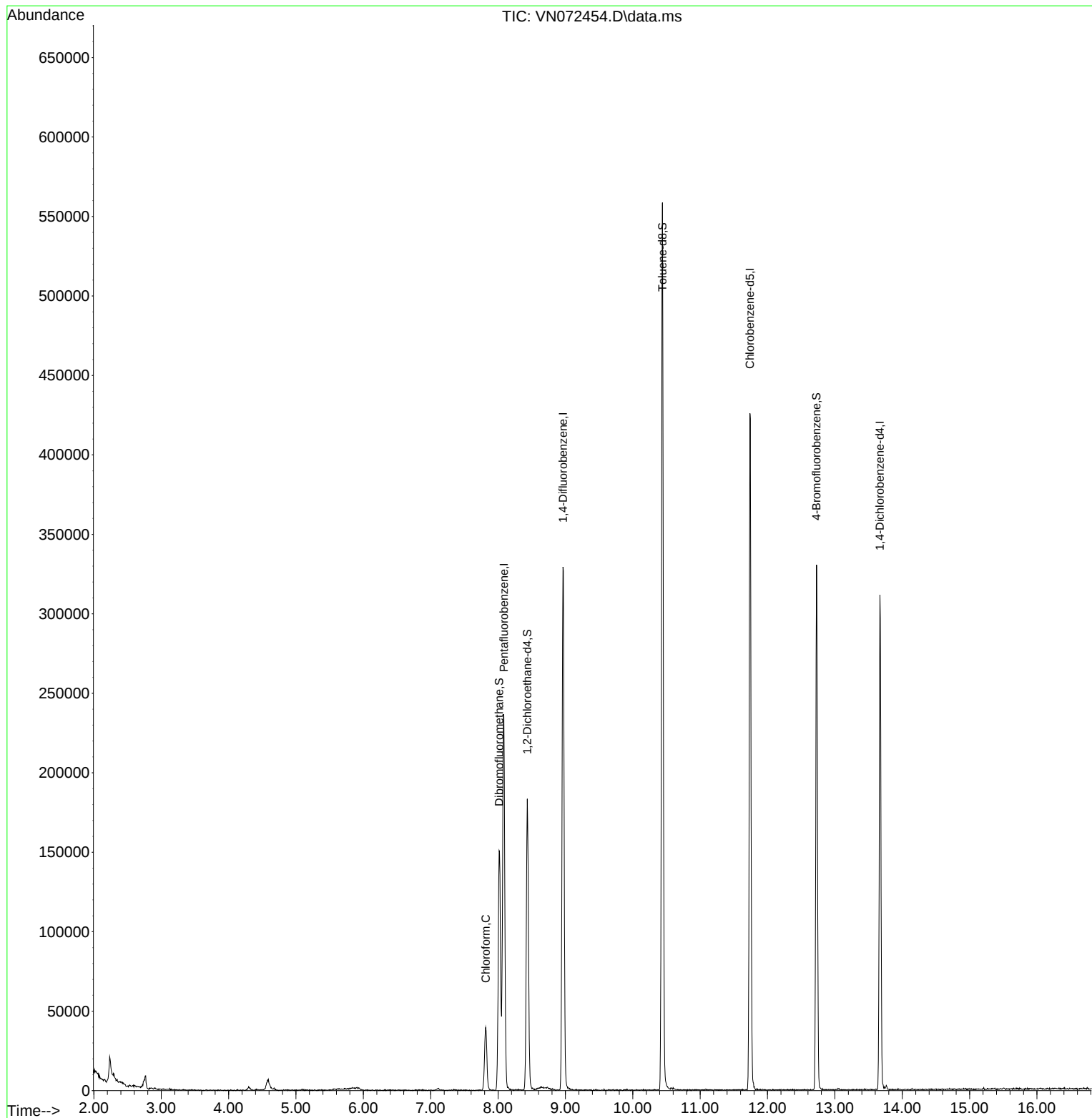
Internal Standards						
1) Pentafluorobenzene	8.086	168	172678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	283412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	242703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	84286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	164600	62.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.460%	
35) Dibromofluoromethane	8.016	113	109902	58.287	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 116.580%	
50) Toluene-d8	10.439	98	376519	52.432	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.727	95	110819	46.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.940%	
Target Compounds						
30) Chloroform	7.816	83	39191	10.384	ug/l	Qvalue 99

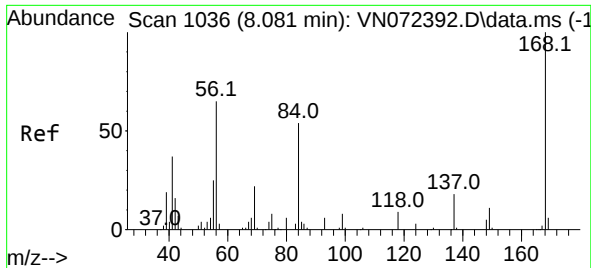
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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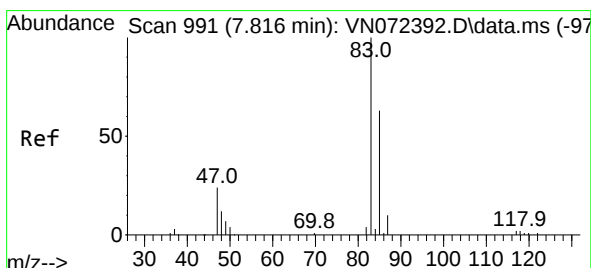
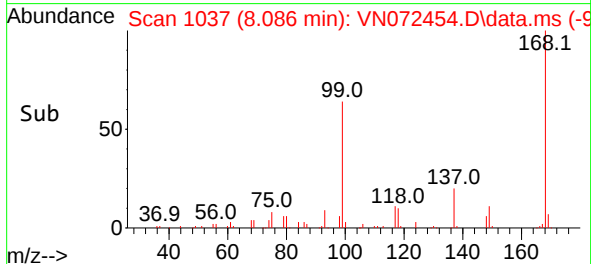
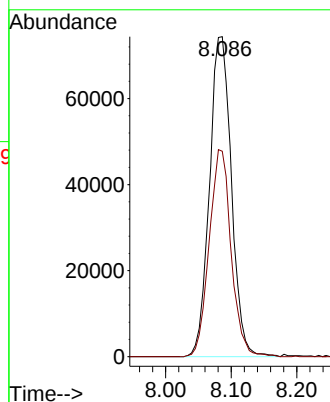
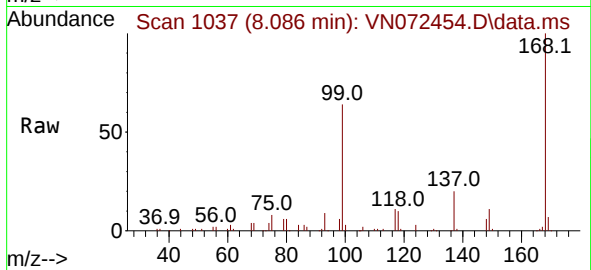




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

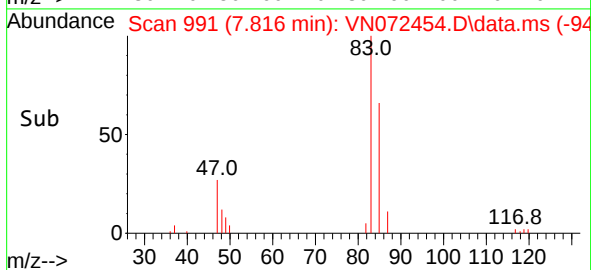
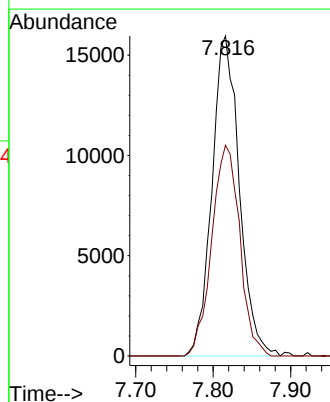
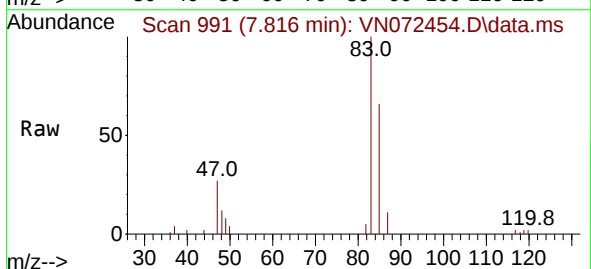
Instrument :
MSVOA_N
ClientSampleId :
MW-14

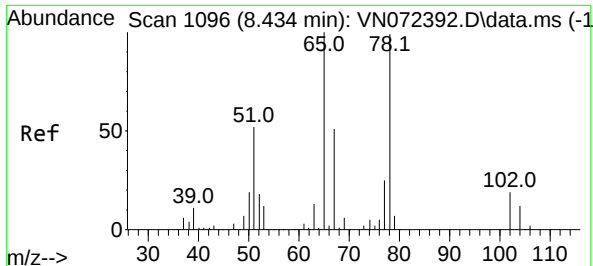
Tgt Ion:168 Resp: 172678
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#30
Chloroform
Concen: 10.384 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 83 Resp: 39191
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 62.234 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072454.D

Acq: 12 May 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

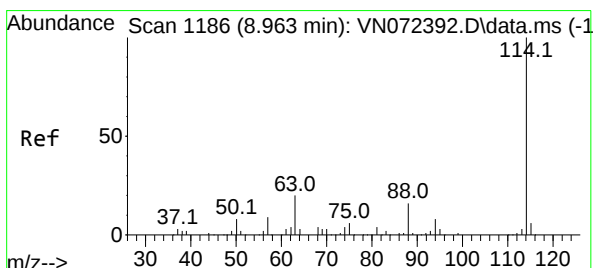
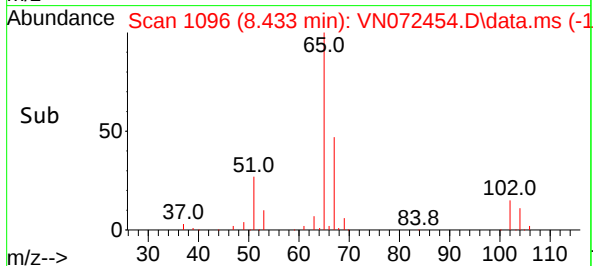
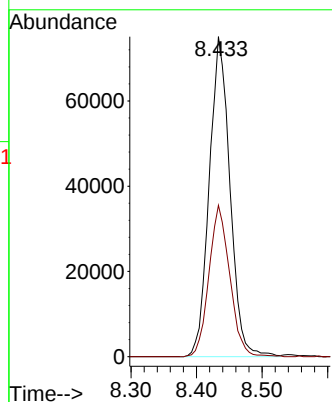
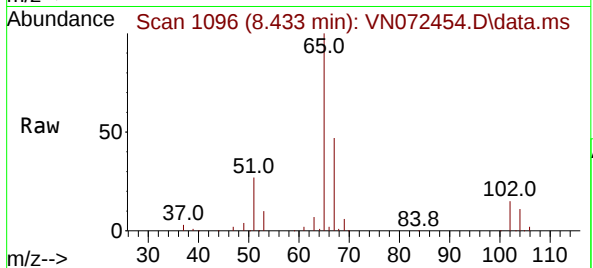
MW-14

Tgt Ion: 65 Resp: 164600

Ion Ratio Lower Upper

65 100

67 47.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072454.D

Acq: 12 May 2022 15:44

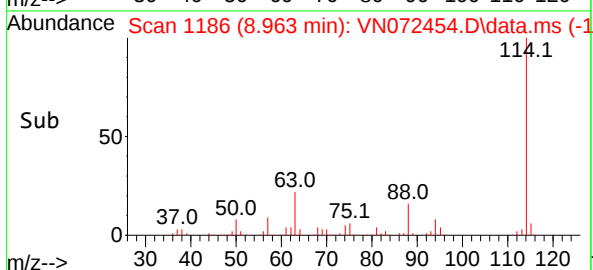
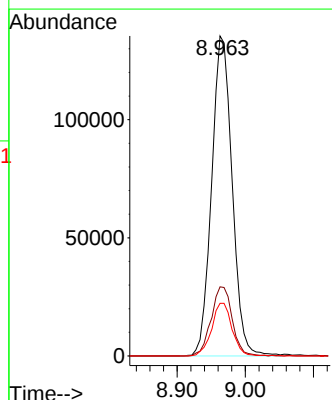
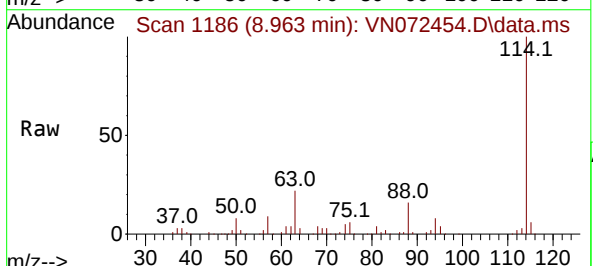
Tgt Ion: 114 Resp: 283412

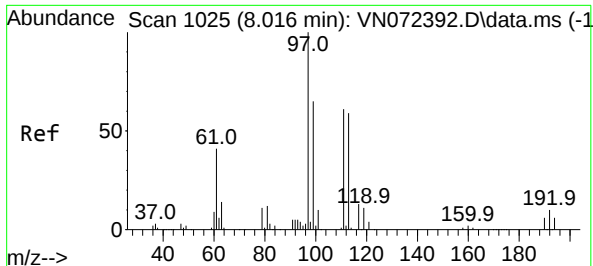
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.287 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072454.D

Acq: 12 May 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

MW-14

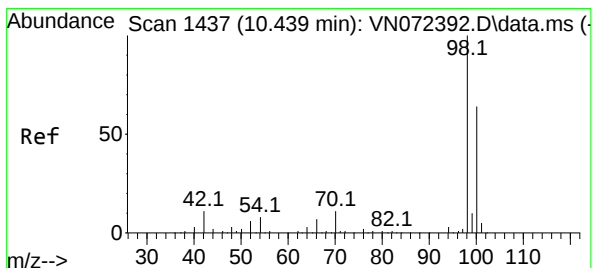
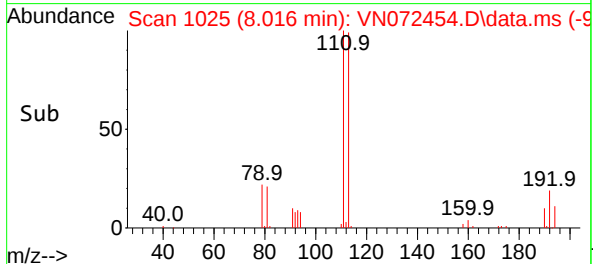
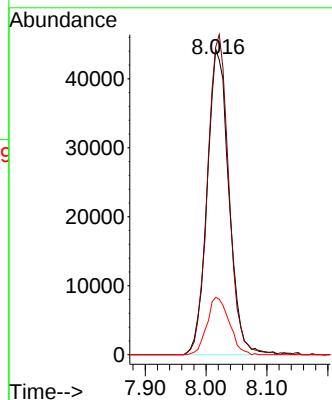
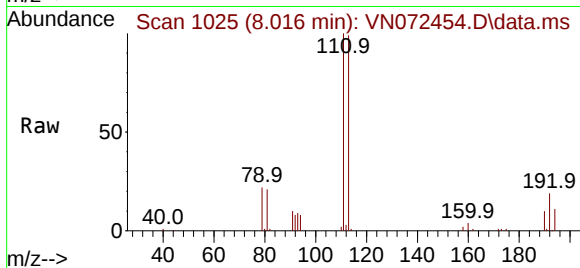
Tgt Ion:113 Resp: 109902

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.2 17.0 25.6



#50

Toluene-d8

Concen: 52.432 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072454.D

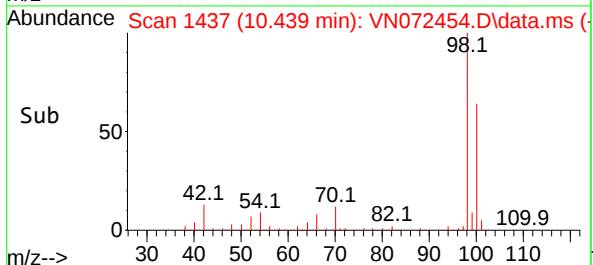
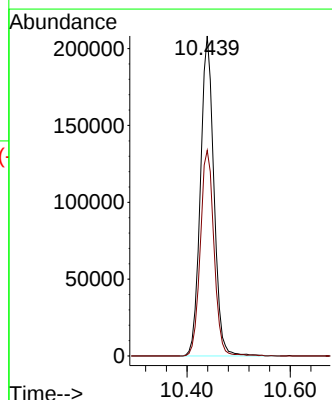
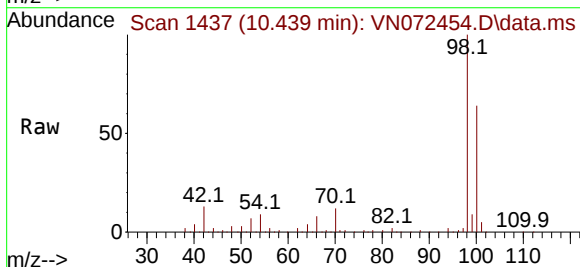
Acq: 12 May 2022 15:44

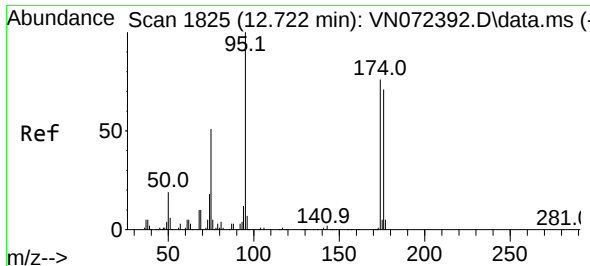
Tgt Ion: 98 Resp: 376519

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

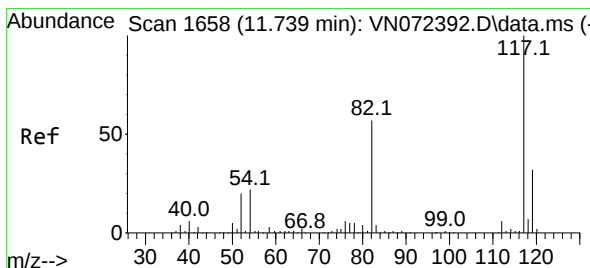
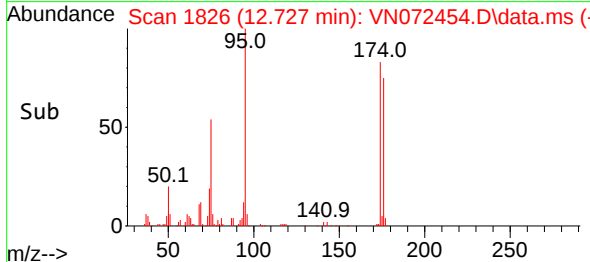
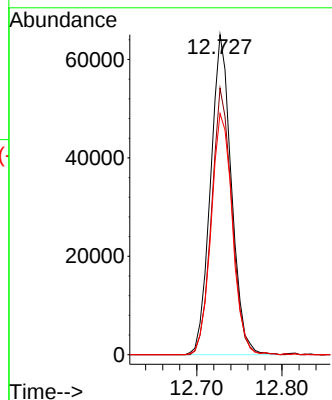
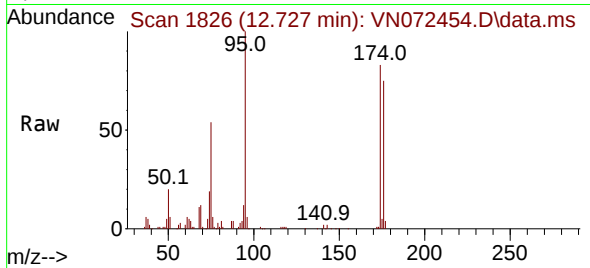




#62
4-Bromofluorobenzene
Concen: 46.468 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

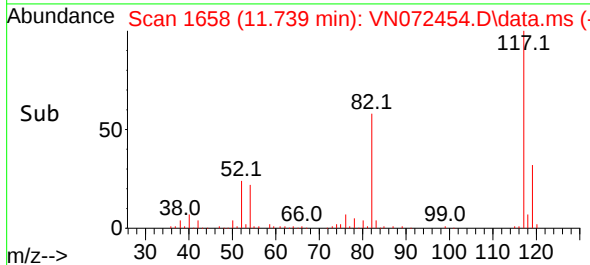
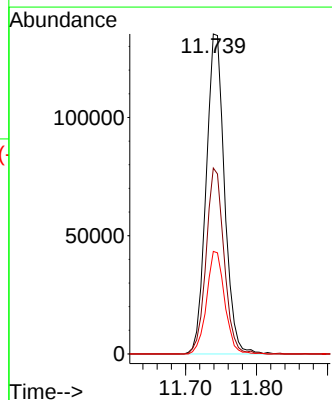
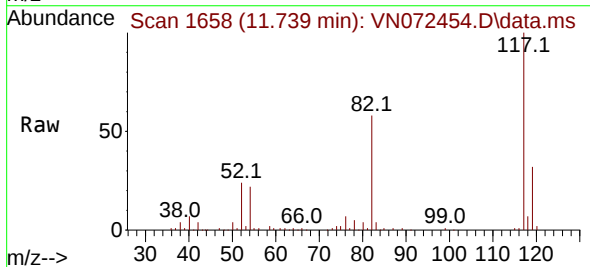
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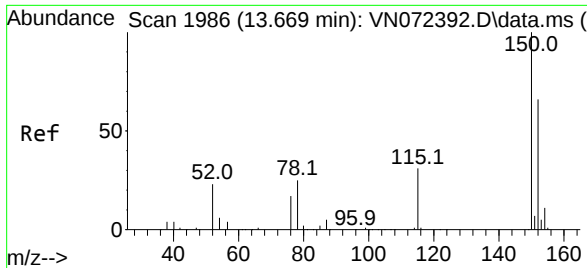
Tgt Ion: 95 Resp: 110819
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 76.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072454.D
Acq: 12 May 2022 15:44

Tgt Ion: 117 Resp: 242703
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072454.D

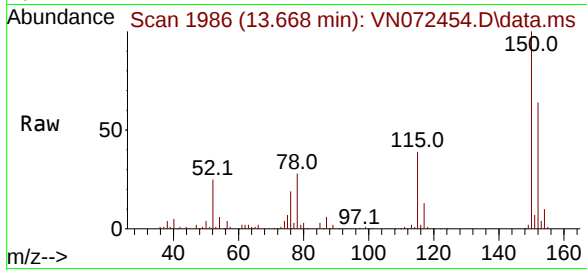
Acq: 12 May 2022 15:44

Instrument :

MSVOA_N

ClientSampleId :

MW-14



Tgt Ion:152 Resp: 84286

Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

150 155.7 0.0 356.2

