

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072453.D
 Acq On : 12 May 2022 15:19
 Operator : JC\MD
 Sample : N2800-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: May 13 02:45:15 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)

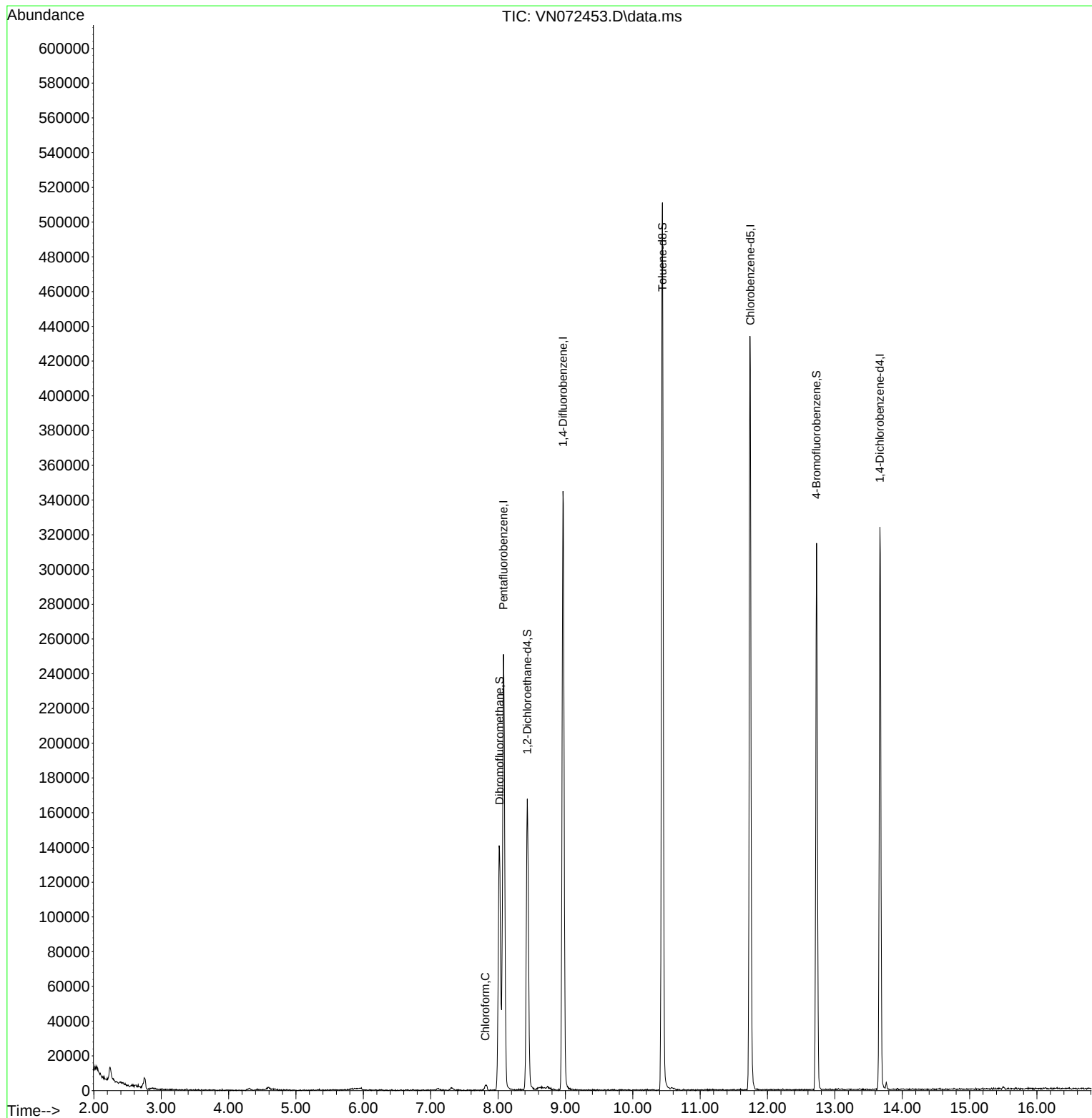
Internal Standards						
1) Pentafluorobenzene	8.081	168	181111	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	291812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	249322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	86899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	151293	54.539	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.080%	
35) Dibromofluoromethane	8.022	113	102522	52.808	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.620%	
50) Toluene-d8	10.439	98	350370	47.386	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	12.727	95	103520	42.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 84.320%	
Target Compounds						
					Qvalue	
30) Chloroform	7.810	83	3540	0.894	ug/l	97

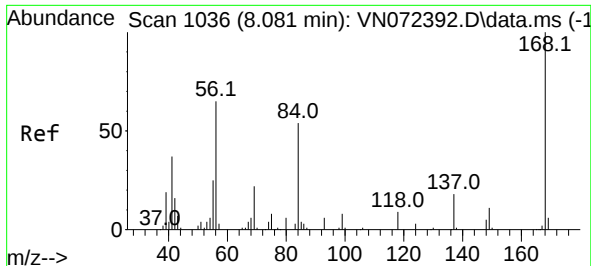
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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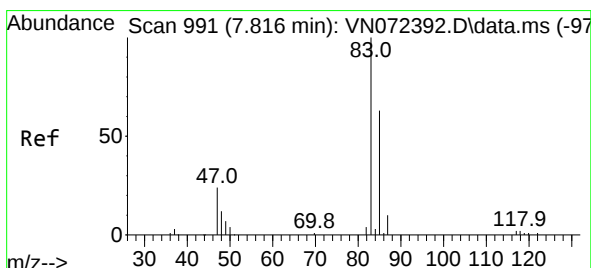
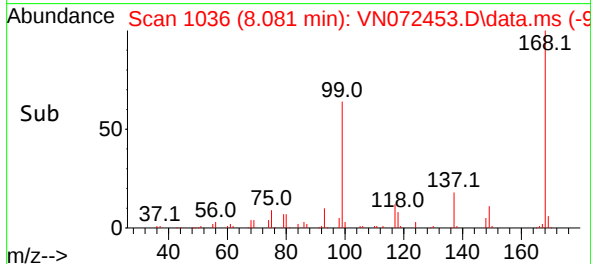
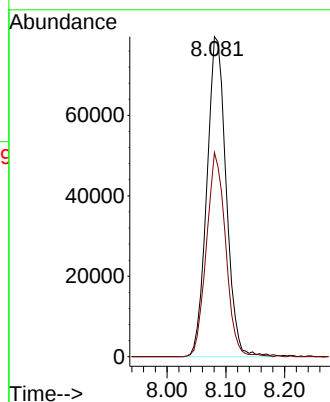
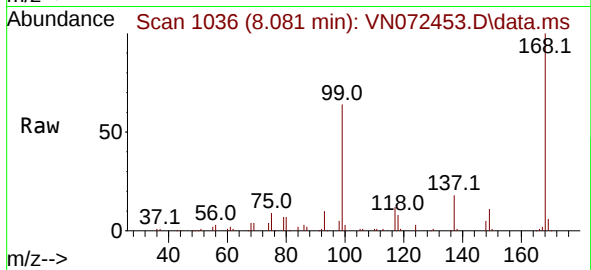




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

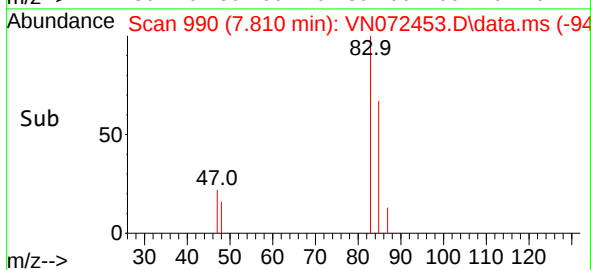
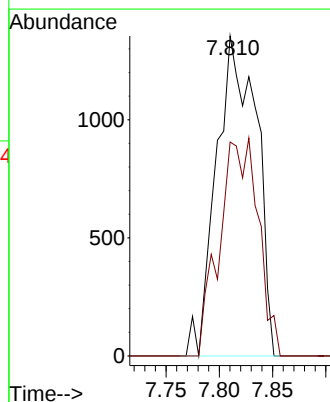
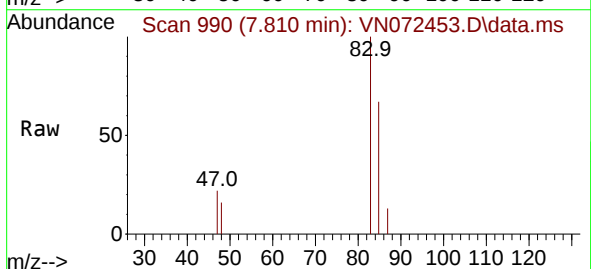
Instrument :
MSVOA_N
ClientSampleId :
MW-12

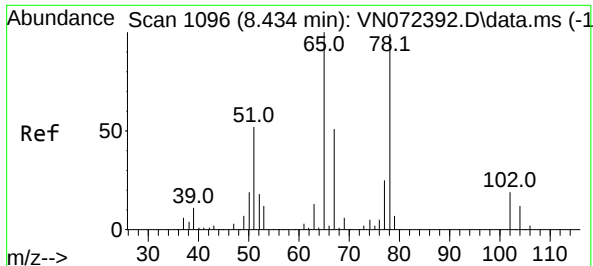
Tgt Ion:168 Resp: 181111
Ion Ratio Lower Upper
168 100
99 63.8 42.3 63.5#



#30
Chloroform
Concen: 0.894 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

Tgt Ion: 83 Resp: 3540
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 54.539 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072453.D

Acq: 12 May 2022 15:19

Instrument :

MSVOA_N

ClientSampleId :

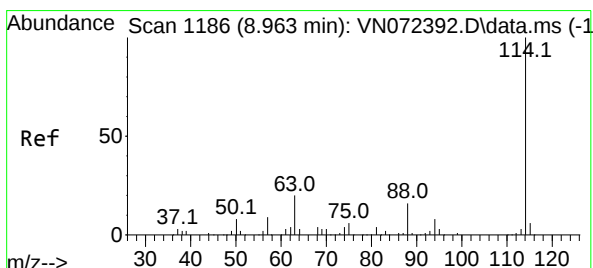
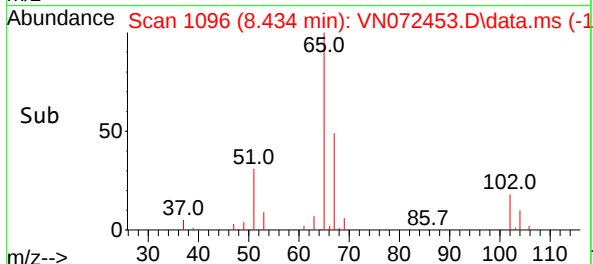
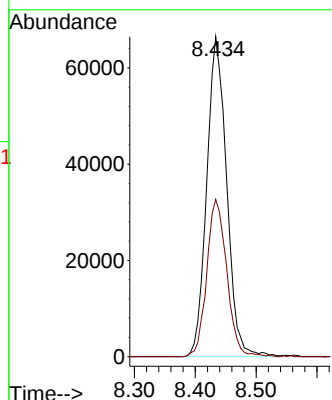
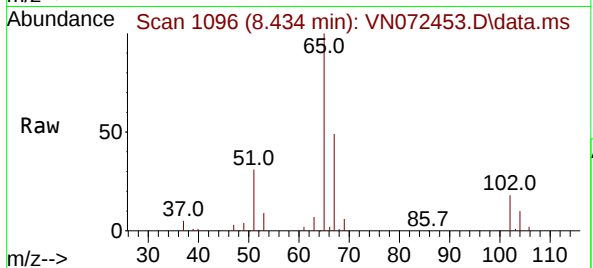
MW-12

Tgt Ion: 65 Resp: 151293

Ion Ratio Lower Upper

65 100

67 49.3 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: VN072453.D

Acq: 12 May 2022 15:19

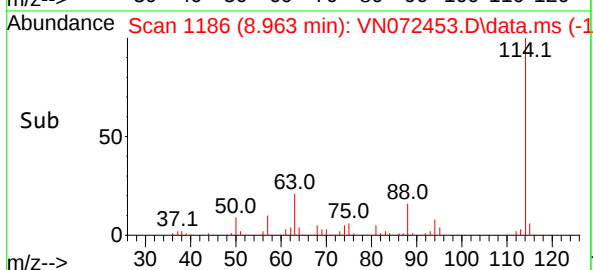
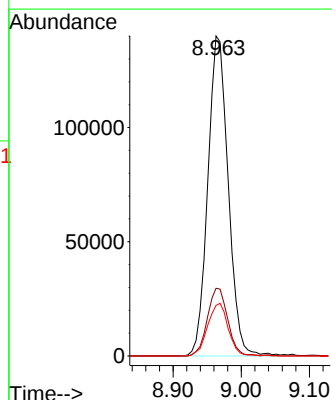
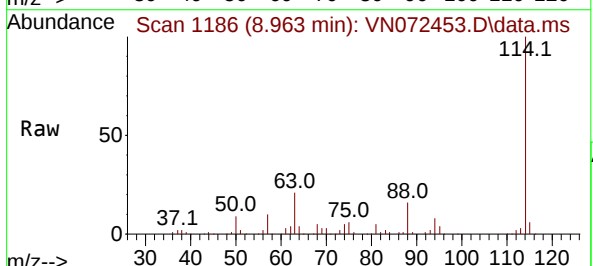
Tgt Ion: 114 Resp: 291812

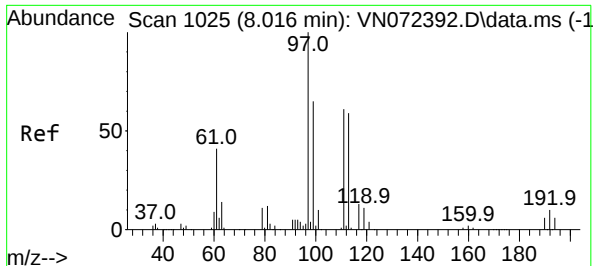
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.8 0.0 32.6

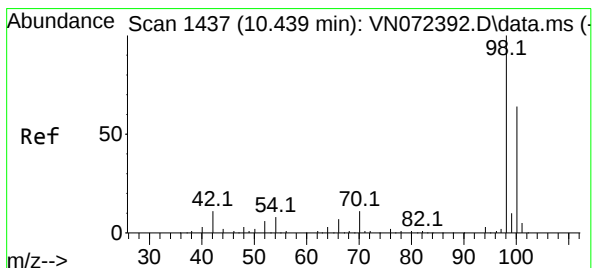
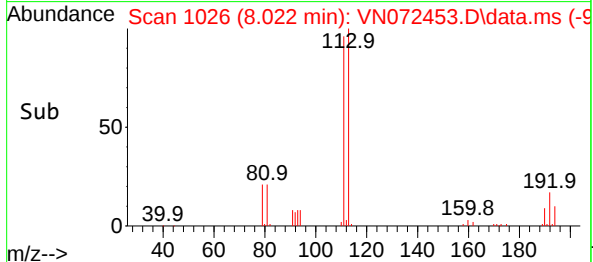
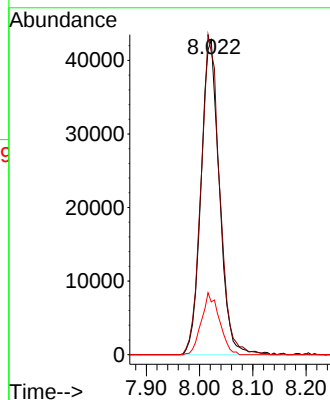
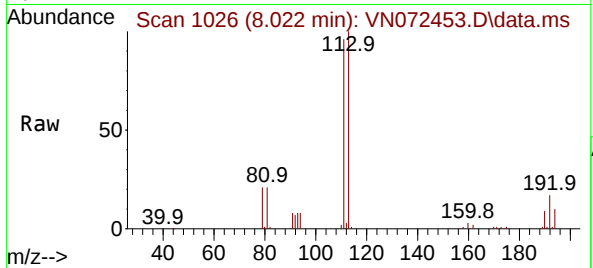




#35
Dibromofluoromethane
Concen: 52.808 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

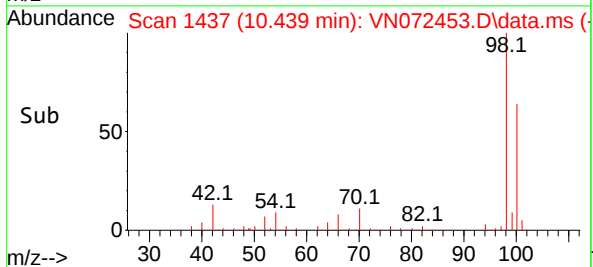
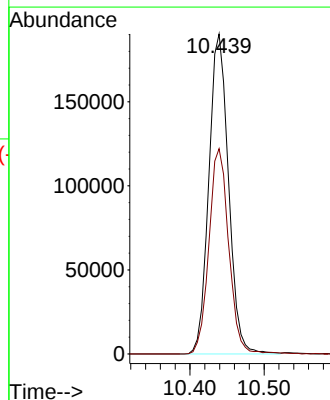
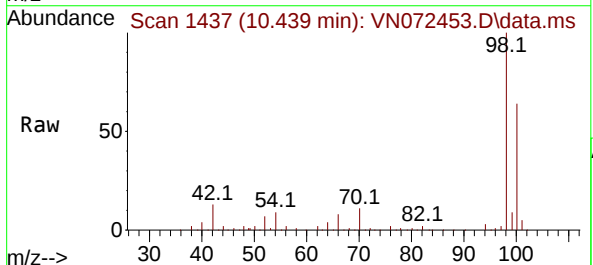
Instrument :
MSVOA_N
ClientSampleId :
MW-12

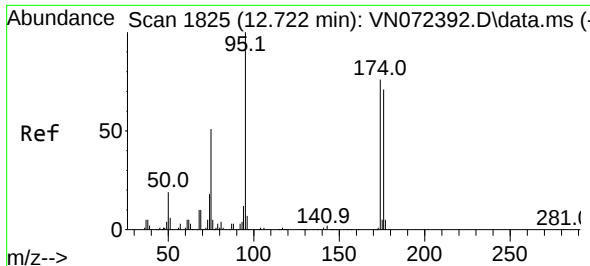
Tgt Ion:113 Resp: 102522
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 19.2 17.0 25.6



#50
Toluene-d8
Concen: 47.386 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

Tgt Ion: 98 Resp: 350370
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

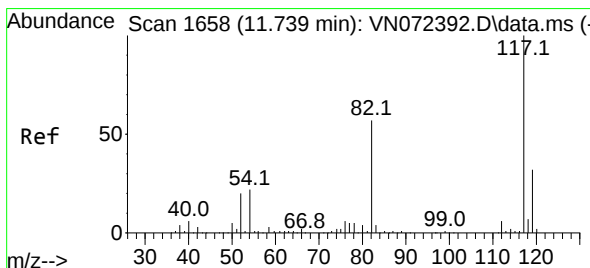
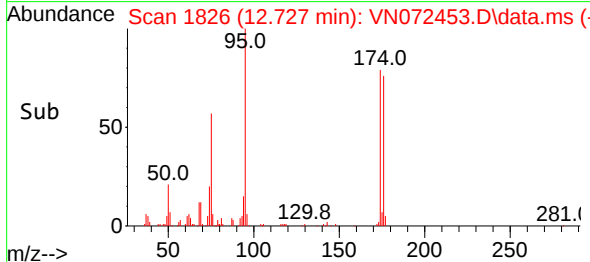
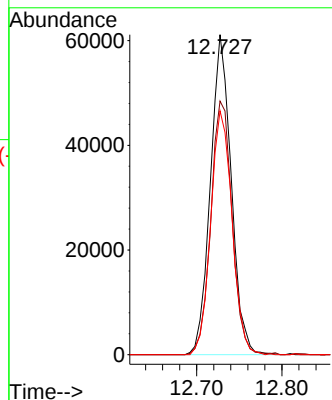
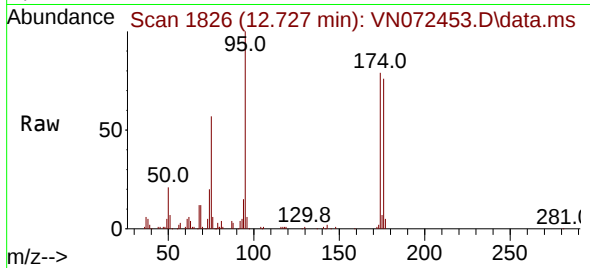




#62
4-Bromofluorobenzene
Concen: 42.158 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

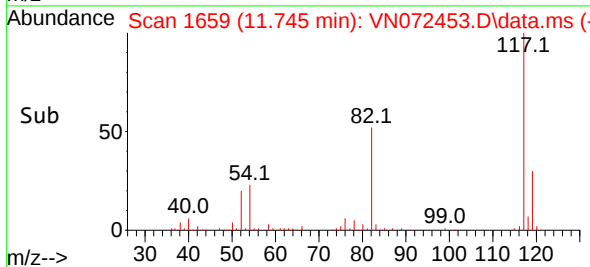
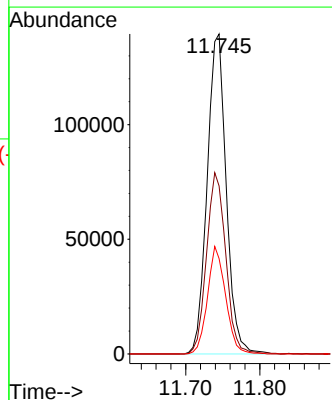
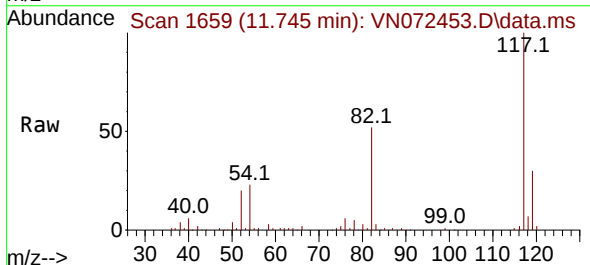
Instrument :
MSVOA_N
ClientSampleId :
MW-12

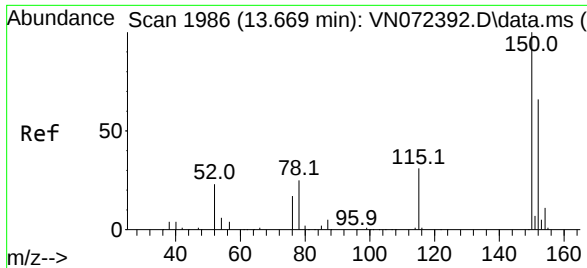
Tgt Ion: 95 Resp: 103520
Ion Ratio Lower Upper
95 100
174 81.1 0.0 167.6
176 78.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072453.D
Acq: 12 May 2022 15:19

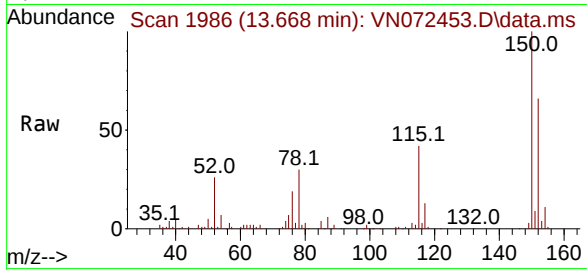
Tgt Ion: 117 Resp: 249322
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 29.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072453.D
 Acq: 12 May 2022 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12



Tgt Ion:152 Resp: 86899
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.9 86.7
 150 157.9 0.0 356.2

