

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075727.D
 Acq On : 12 Dec 2022 20:53
 Operator : JC\MD
 Sample : N5989-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26

Quant Time: Dec 13 01:35:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

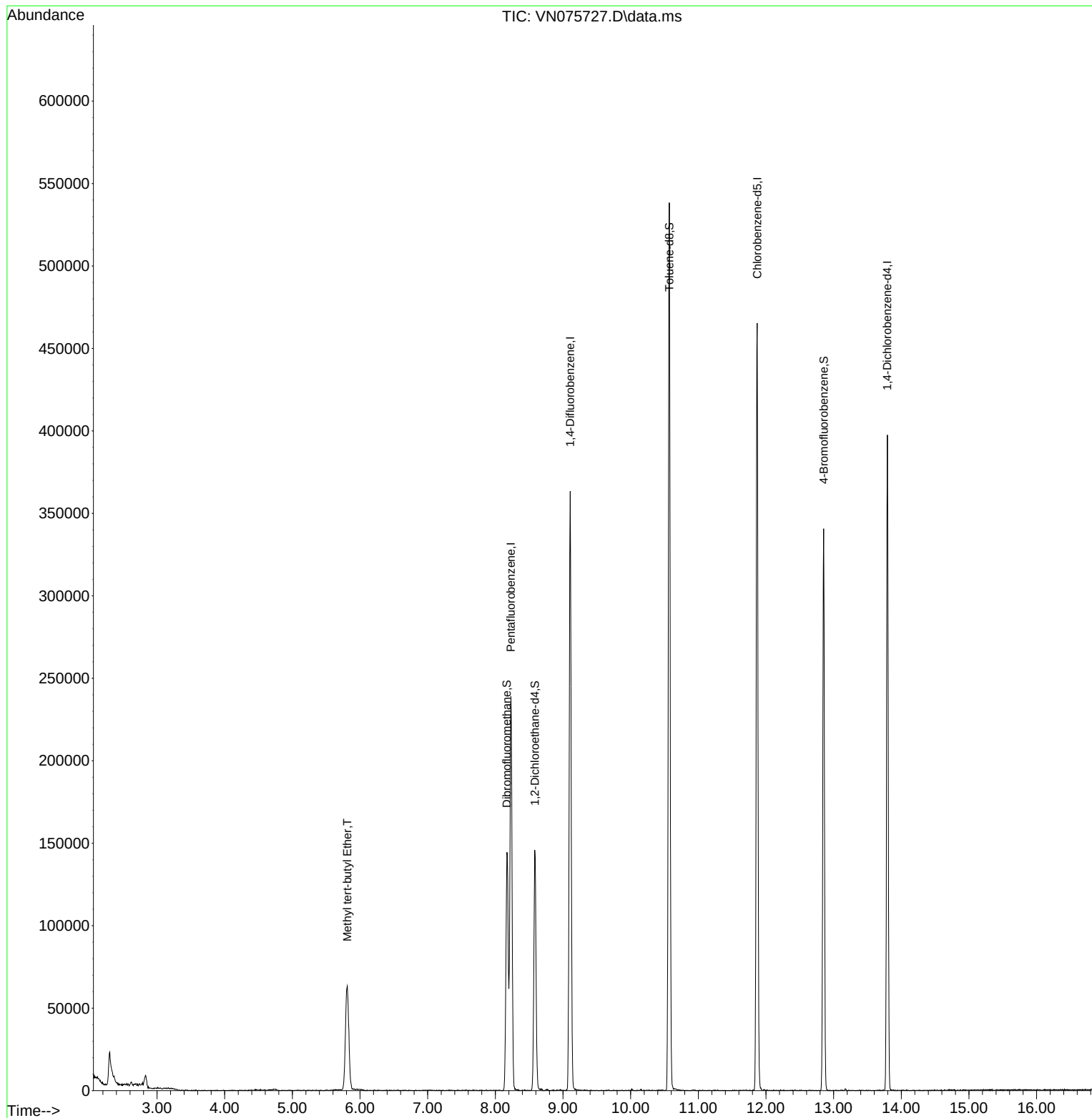
Internal Standards						
1) Pentafluorobenzene	8.230	168	185274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116792	59.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.820%	
35) Dibromofluoromethane	8.171	113	103916	51.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.571	98	382738	50.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.853	95	113866	43.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.560%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.812	73	113239	21.209	ug/l	99

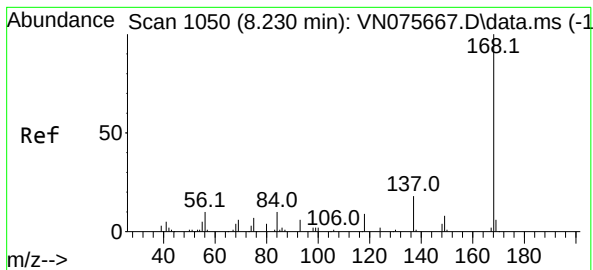
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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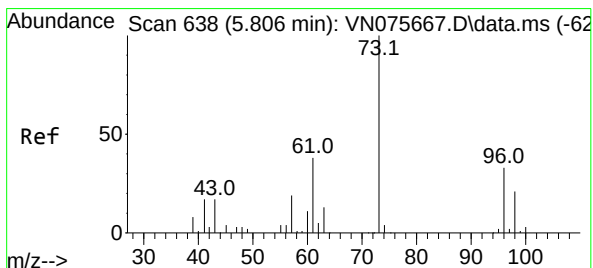
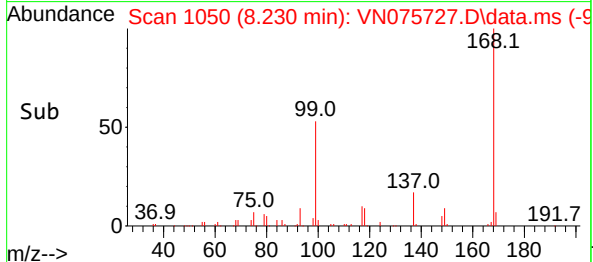
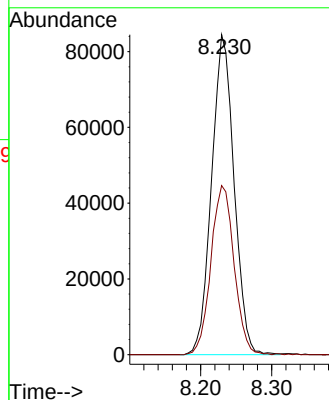
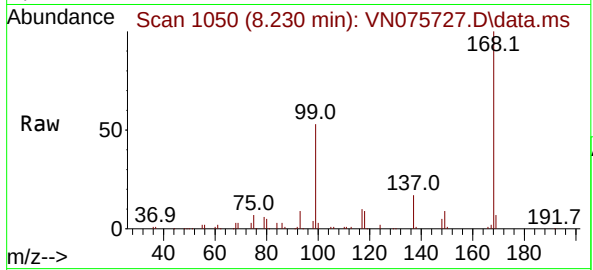




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

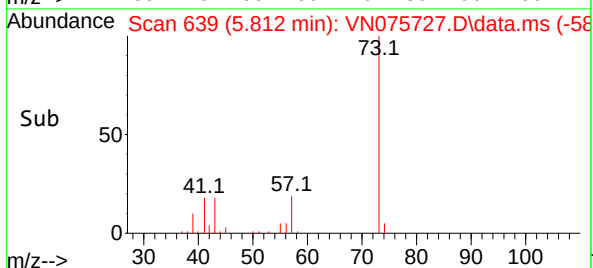
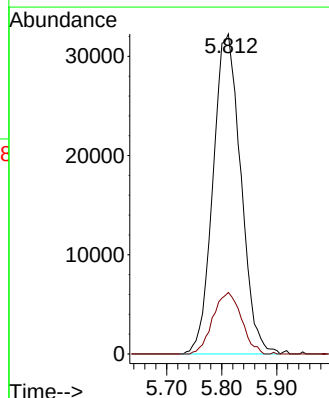
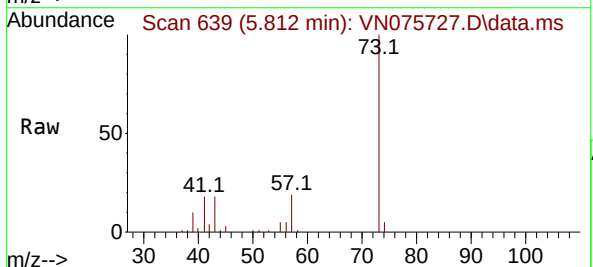
Instrument :
MSVOA_N
ClientSampleId :
MW-26

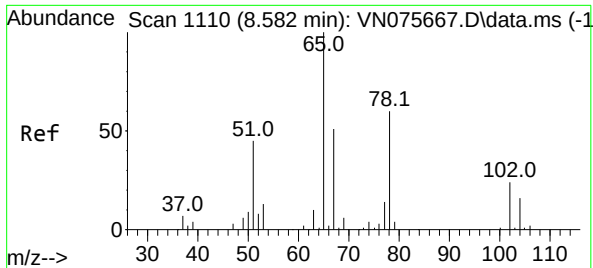
Tgt Ion:168 Resp: 185274
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#19
Methyl tert-butyl Ether
Concen: 21.209 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 73 Resp: 113239
Ion Ratio Lower Upper
73 100
57 19.2 15.1 22.7





#33

1,2-Dichloroethane-d4

Concen: 59.412 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075727.D

Acq: 12 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

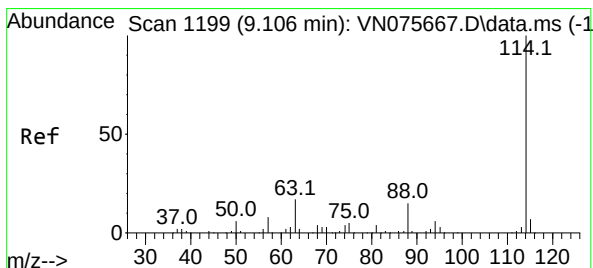
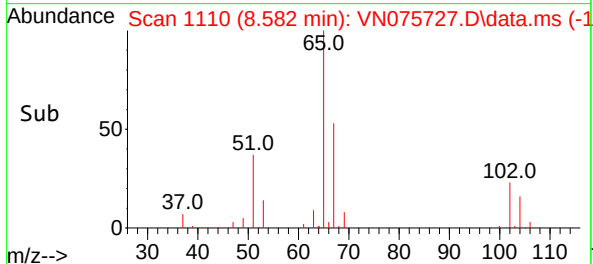
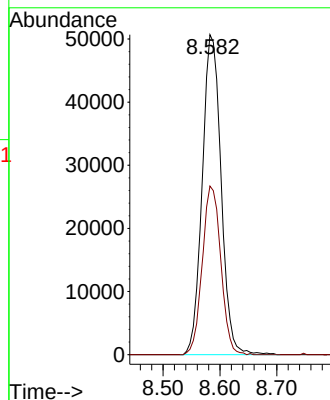
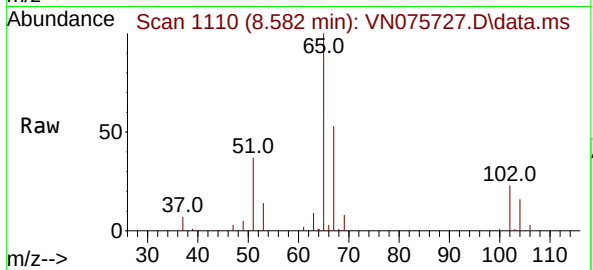
MW-26

Tgt Ion: 65 Resp: 116792

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075727.D

Acq: 12 Dec 2022 20:53

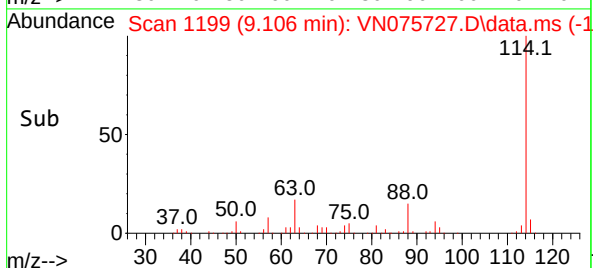
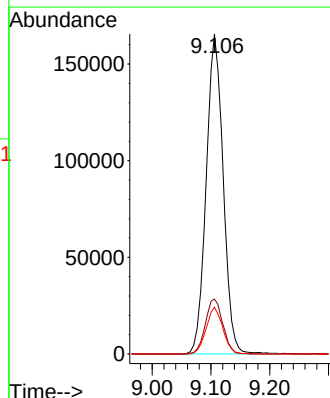
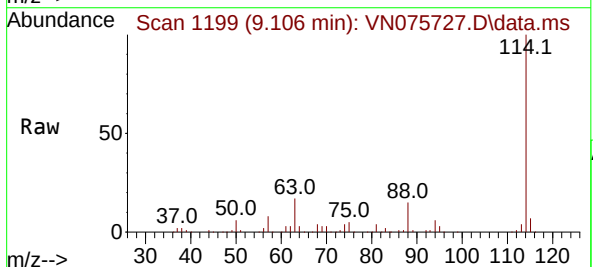
Tgt Ion: 114 Resp: 331964

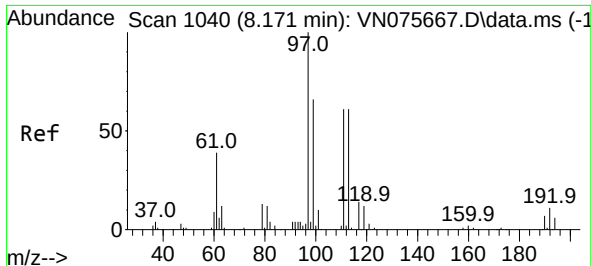
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 29.2

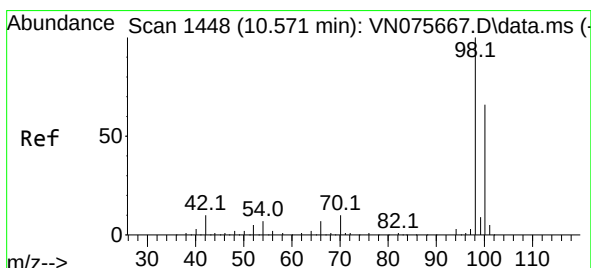
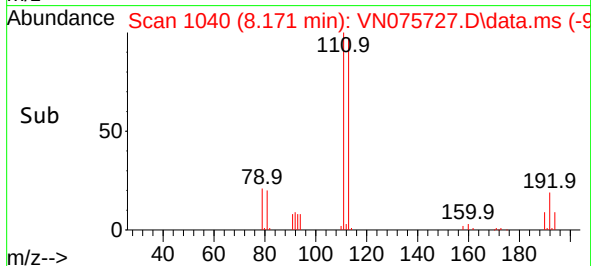
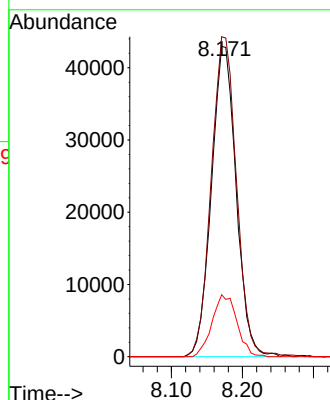
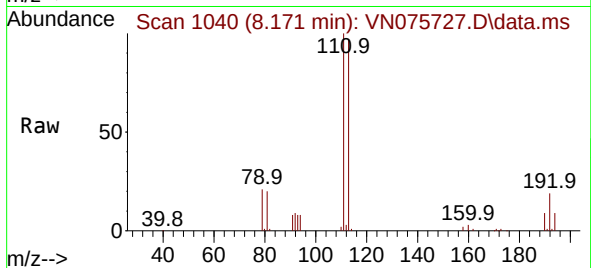




#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

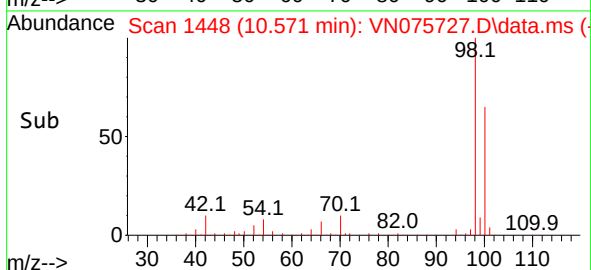
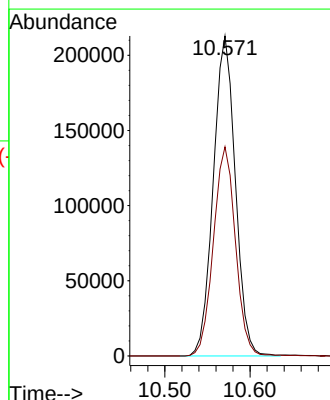
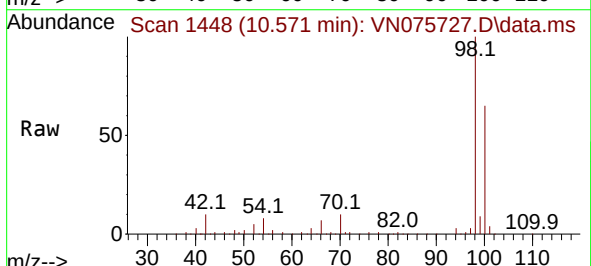
Instrument :
MSVOA_N
ClientSampleId :
MW-26

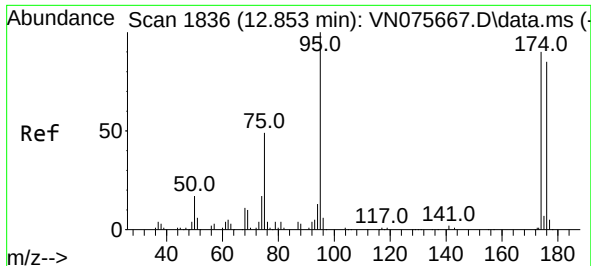
Tgt Ion:113 Resp: 103916
Ion Ratio Lower Upper
113 100
111 105.3 81.0 121.6
192 20.1 16.2 24.2



#50
Toluene-d8
Concen: 50.320 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075727.D
Acq: 12 Dec 2022 20:53

Tgt Ion: 98 Resp: 382738
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 43.785 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075727.D

Acq: 12 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

MW-26

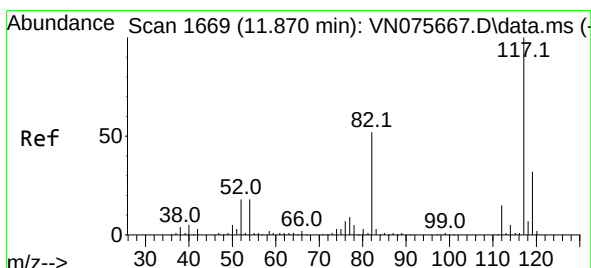
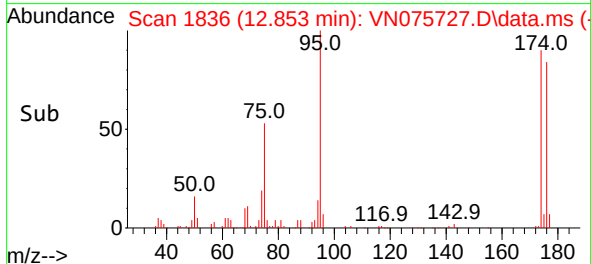
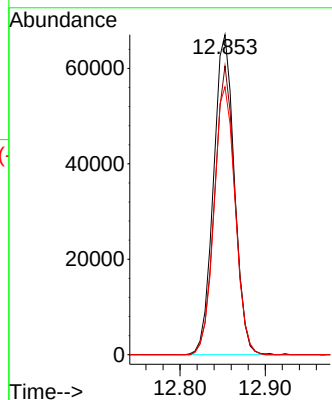
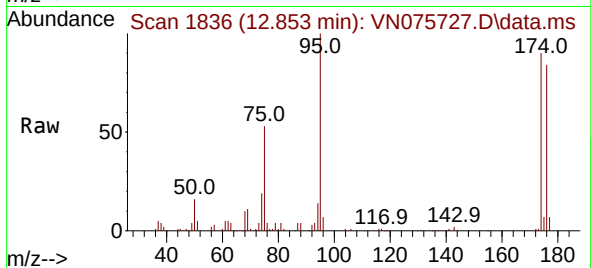
Tgt Ion: 95 Resp: 113866

Ion Ratio Lower Upper

95 100

174 88.1 0.0 178.6

176 85.1 0.0 170.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN075727.D

Acq: 12 Dec 2022 20:53

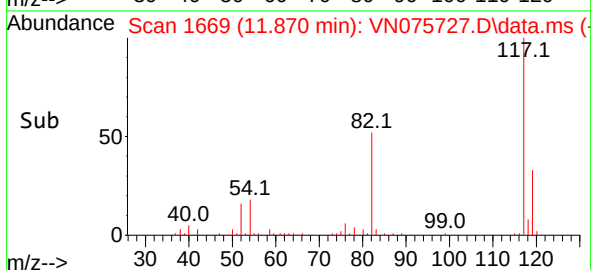
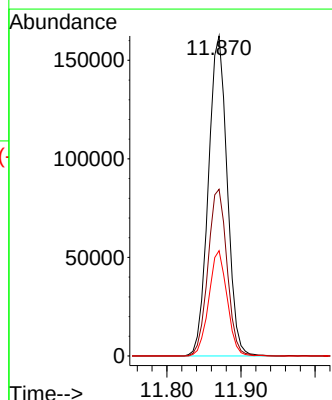
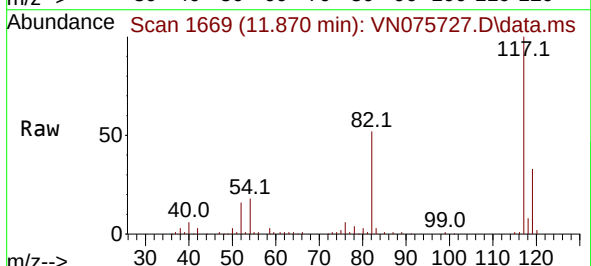
Tgt Ion: 117 Resp: 285921

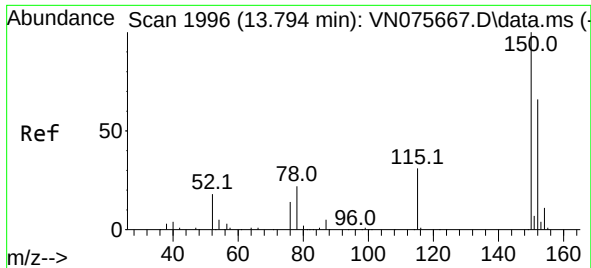
Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075727.D

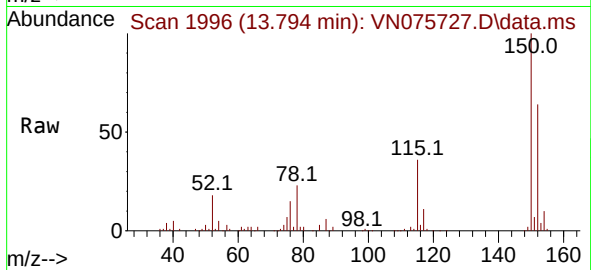
Acq: 12 Dec 2022 20:53

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 113619

Ion Ratio Lower Upper

152 100

115 57.3 28.4 85.2

150 157.5 0.0 347.6

