

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075686.D
 Acq On : 10 Dec 2022 03:35
 Operator : JC\MD
 Sample : N5989-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: Dec 12 04:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

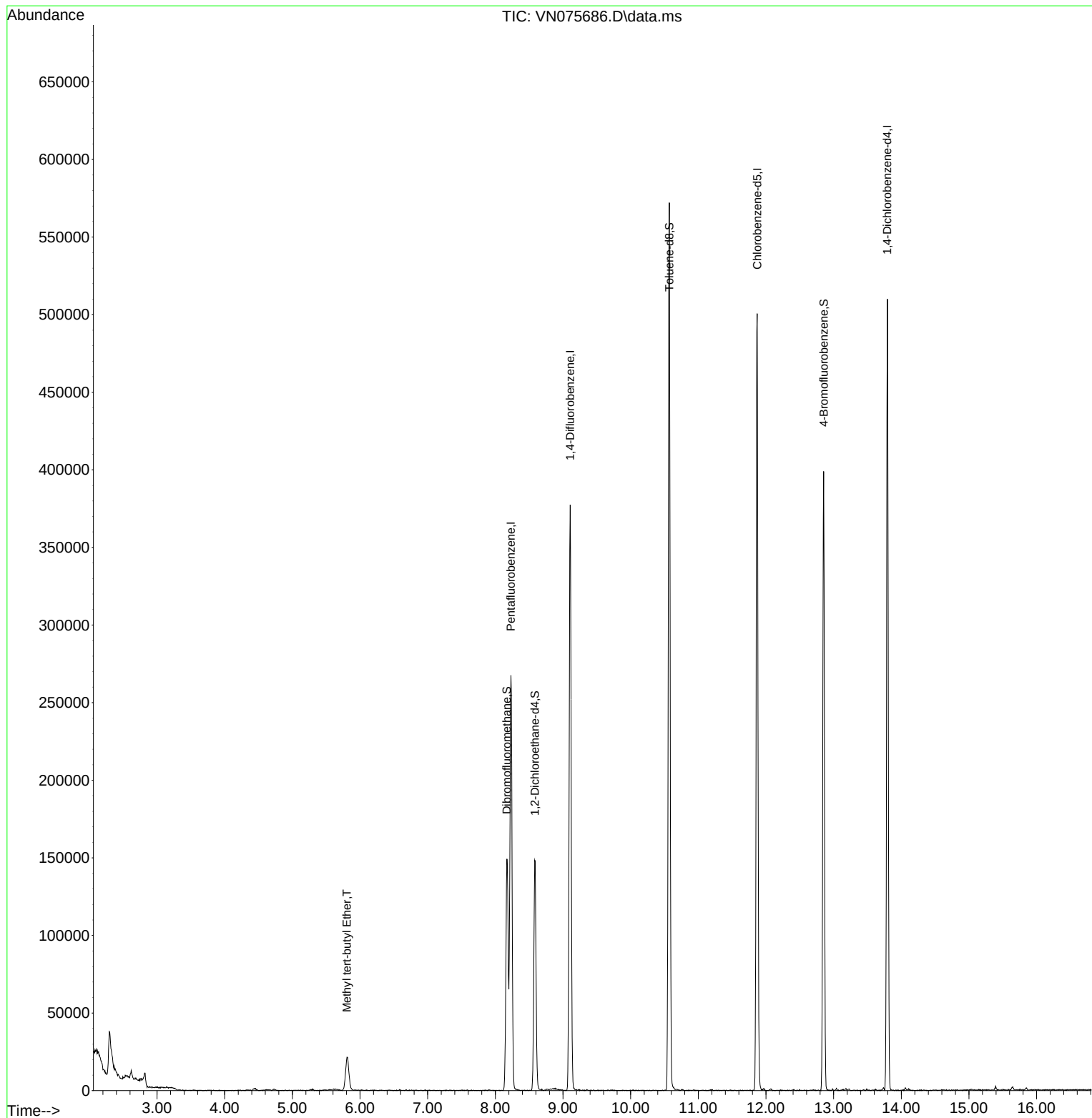
Internal Standards						
1) Pentafluorobenzene	8.230	168	212387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	318328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121376	53.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	8.171	113	110078	50.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.460%	
50) Toluene-d8	10.571	98	409598	50.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.853	95	134218	48.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.340%	
Target Compounds						
19) Methyl tert-butyl Ether	5.806	73	37288	6.092	ug/l	98

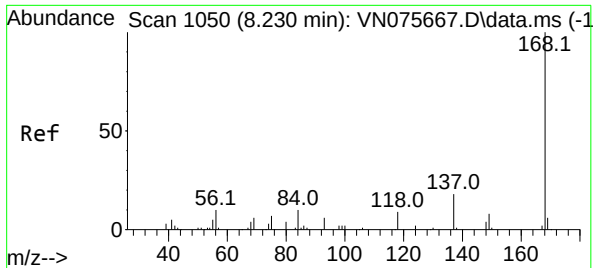
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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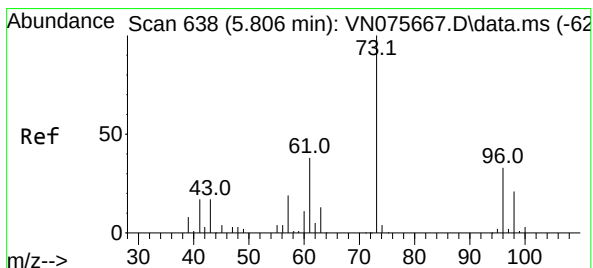
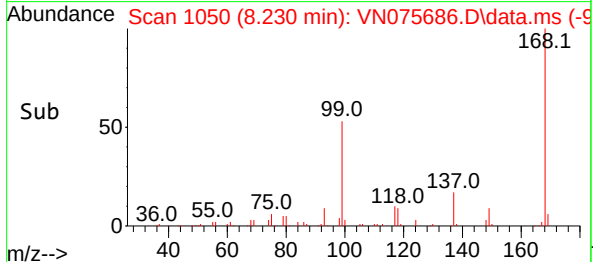
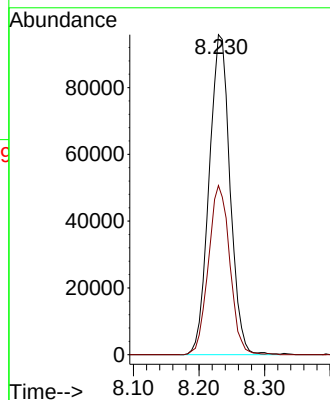
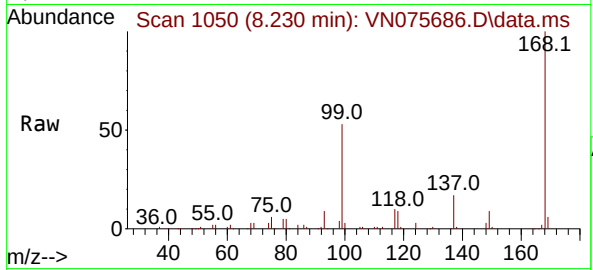




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075686.D
Acq: 10 Dec 2022 03:35

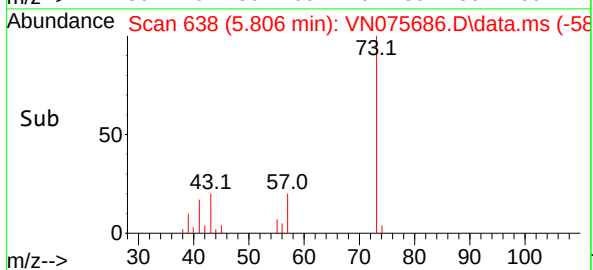
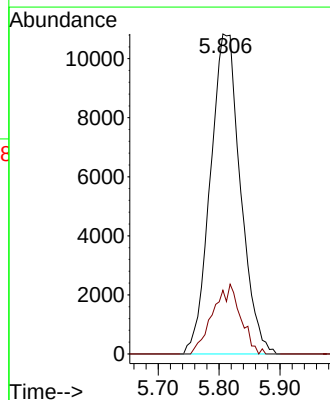
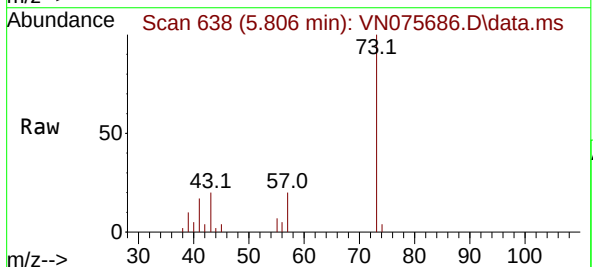
Instrument :
MSVOA_N
ClientSampleId :
MW-15

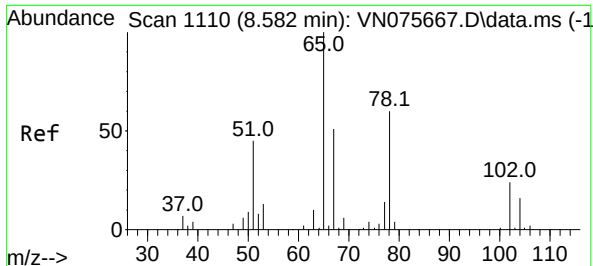
Tgt Ion:168 Resp: 212387
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8



#19
Methyl tert-butyl Ether
Concen: 6.092 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075686.D
Acq: 10 Dec 2022 03:35

Tgt Ion: 73 Resp: 37288
Ion Ratio Lower Upper
73 100
57 19.9 15.1 22.7





#33

1,2-Dichloroethane-d4

Concen: 53.862 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075686.D

Acq: 10 Dec 2022 03:35

Instrument :

MSVOA_N

ClientSampleId :

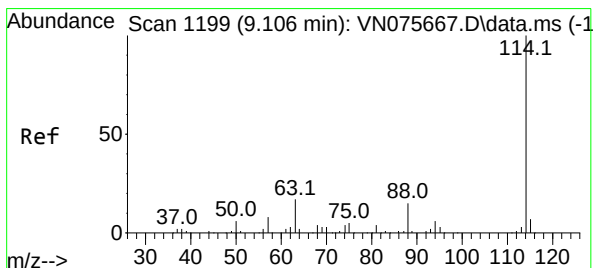
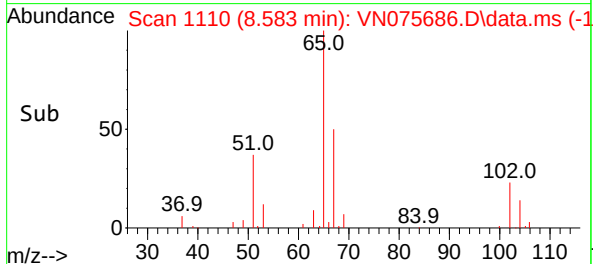
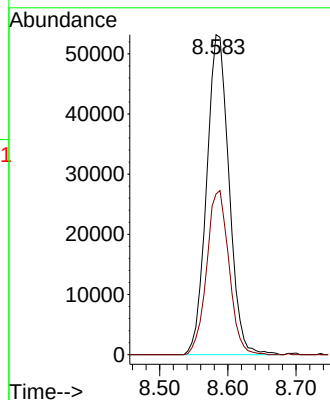
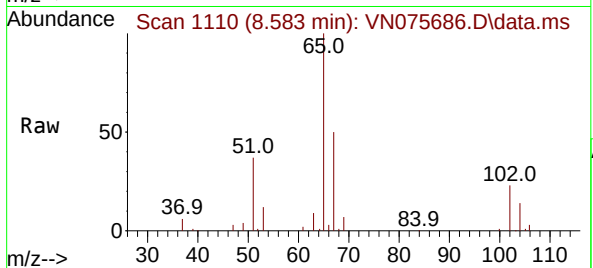
MW-15

Tgt Ion: 65 Resp: 121376

Ion Ratio Lower Upper

65 100

67 51.0 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: VN075686.D

Acq: 10 Dec 2022 03:35

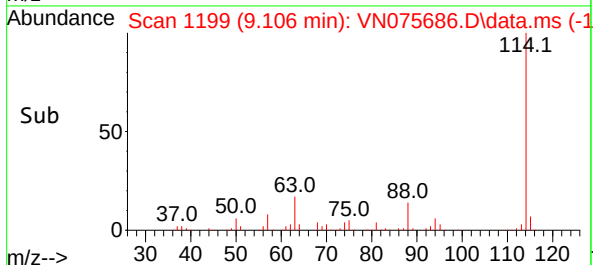
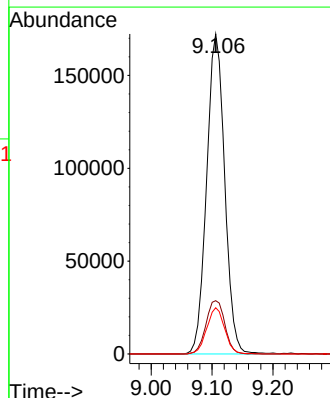
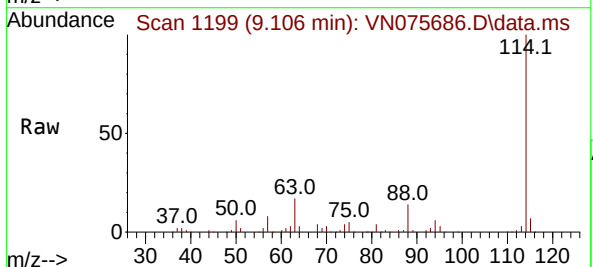
Tgt Ion: 114 Resp: 355643

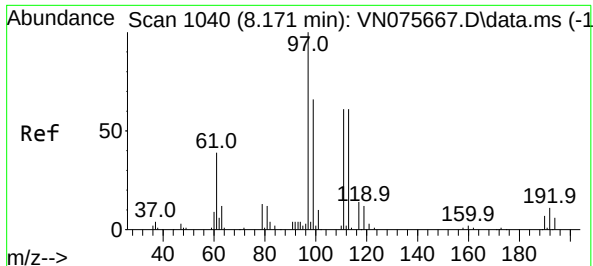
Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.4

88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.731 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075686.D

Acq: 10 Dec 2022 03:35

Instrument :

MSVOA_N

ClientSampleId :

MW-15

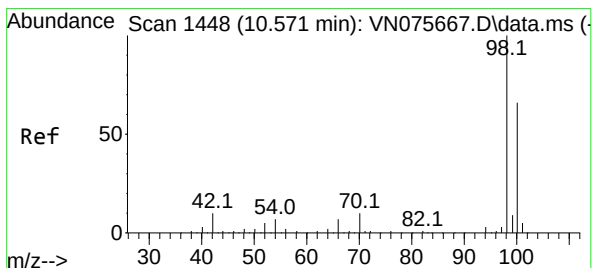
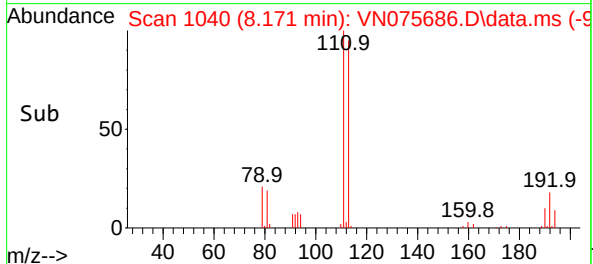
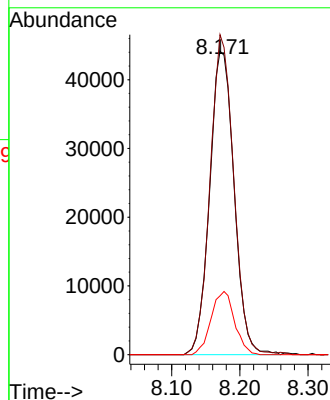
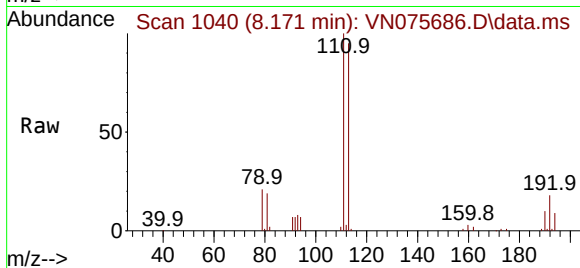
Tgt Ion:113 Resp: 110078

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.6

192 20.0 16.2 24.2



#50

Toluene-d8

Concen: 50.266 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075686.D

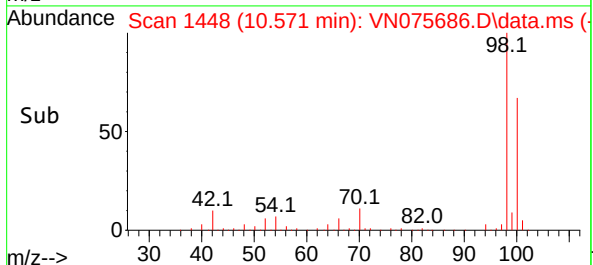
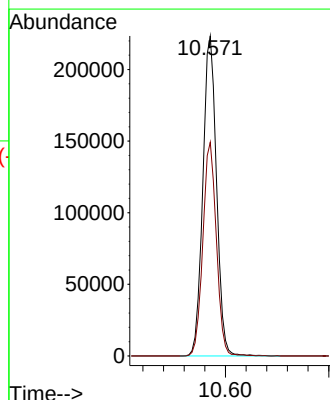
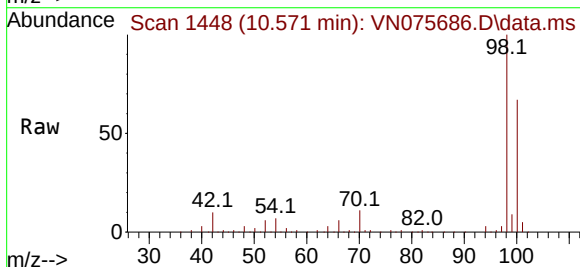
Acq: 10 Dec 2022 03:35

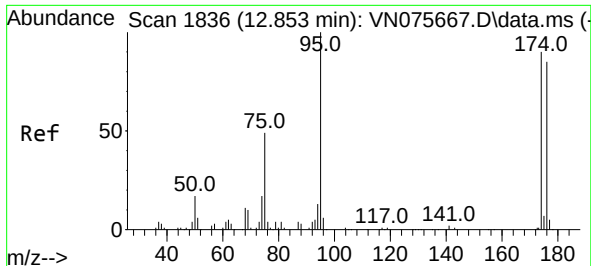
Tgt Ion: 98 Resp: 409598

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 48.174 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075686.D

Acq: 10 Dec 2022 03:35

Instrument :

MSVOA_N

ClientSampleId :

MW-15

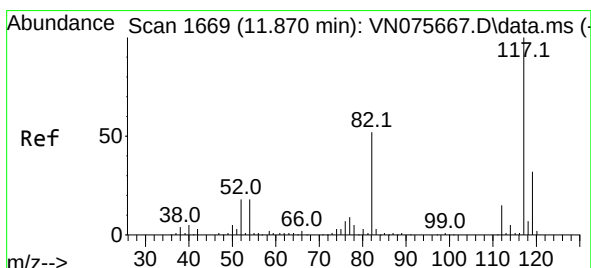
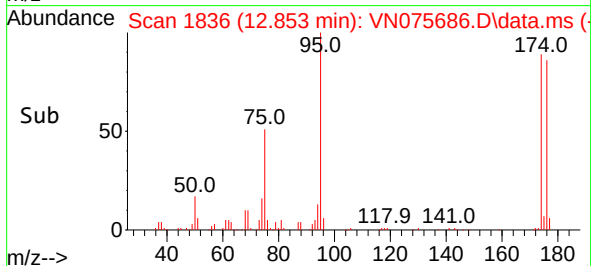
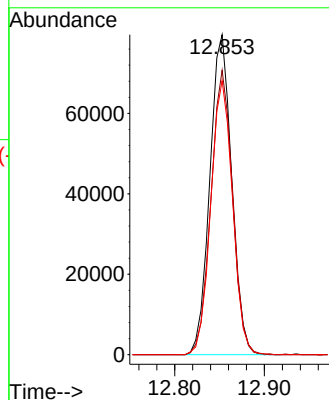
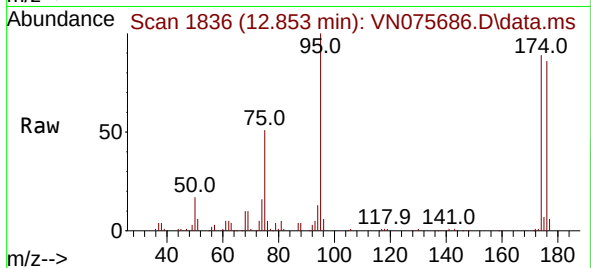
Tgt Ion: 95 Resp: 134218

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.6

176 85.3 0.0 170.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VN075686.D

Acq: 10 Dec 2022 03:35

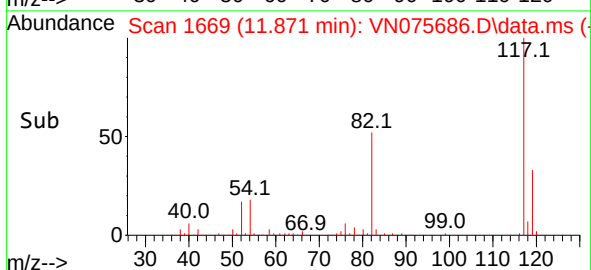
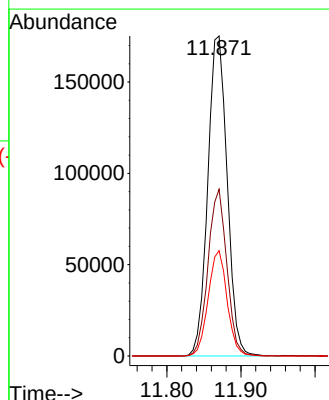
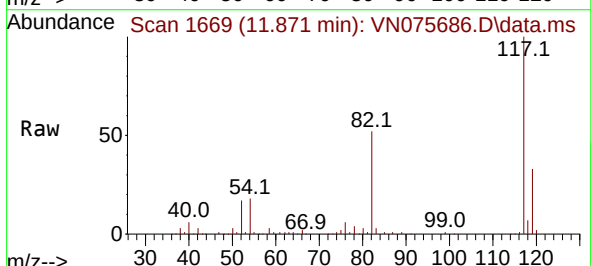
Tgt Ion: 117 Resp: 318328

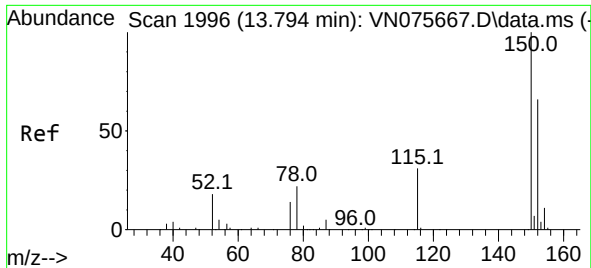
Ion Ratio Lower Upper

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: VN075686.D

Acq: 10 Dec 2022 03:35

Instrument :

MSVOA_N

ClientSampleId :

MW-15

Tgt Ion:152 Resp: 145372

Ion Ratio Lower Upper

152 100

115 56.6 28.4 85.2

150 157.1 0.0 347.6

