

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075877.D
 Acq On : 19 Dec 2022 17:34
 Operator : JC\MD
 Sample : N6102-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Dec 20 01:30:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

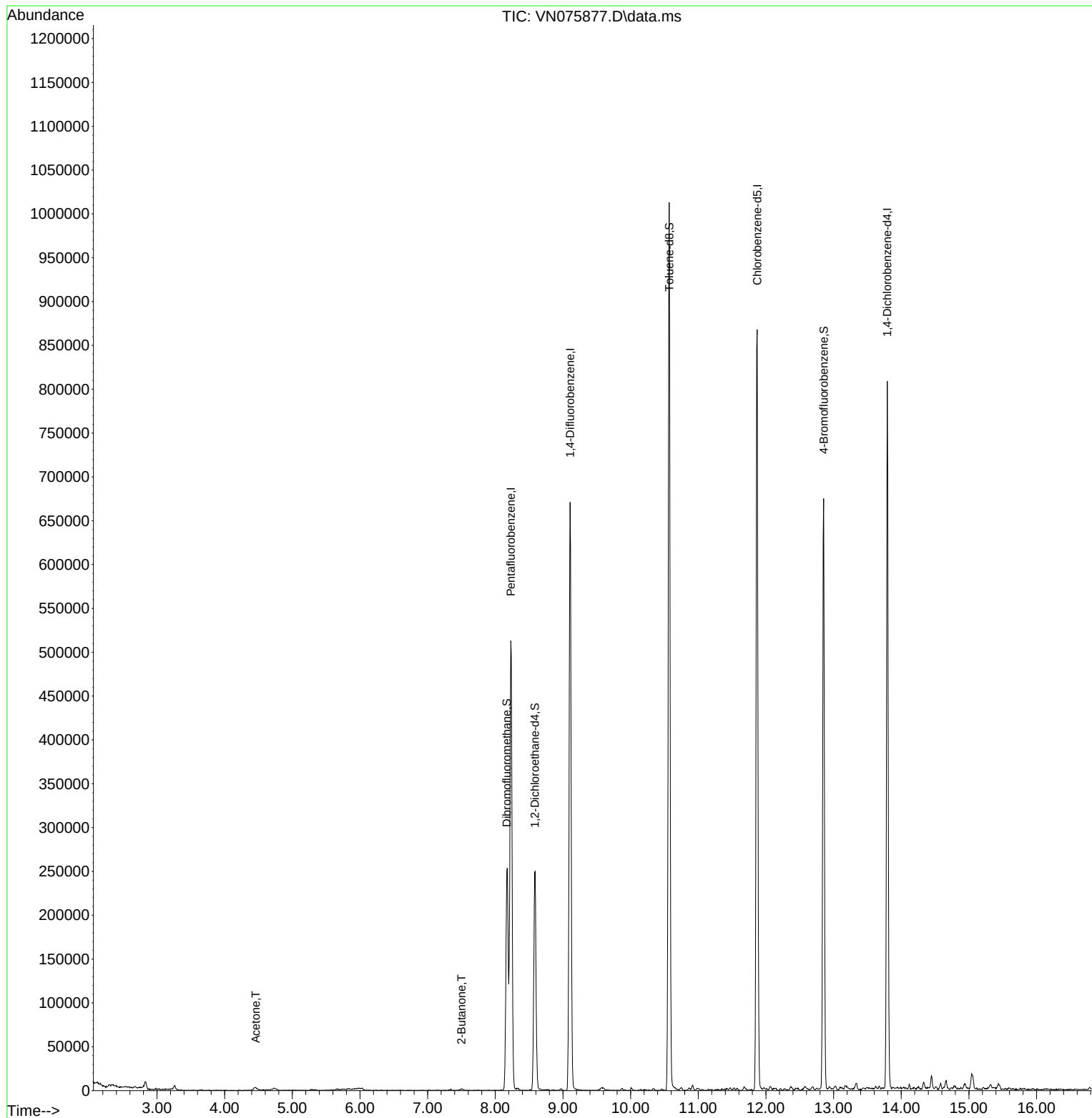
Internal Standards						
1) Pentafluorobenzene	8.230	168	405515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	543159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202831	45.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.960%
35) Dibromofluoromethane	8.171	113	185592	47.966	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	10.571	98	718834	49.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.853	95	228025	47.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	6402	4.210	ug/l #	82
25) 2-Butanone	7.500	43	2464	1.157	ug/l	95

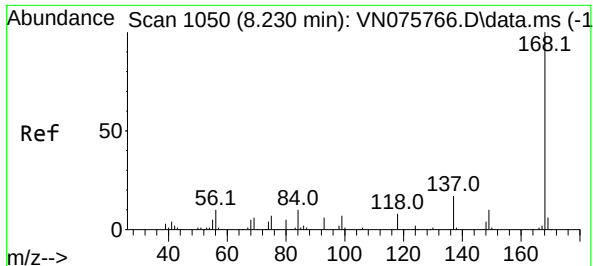
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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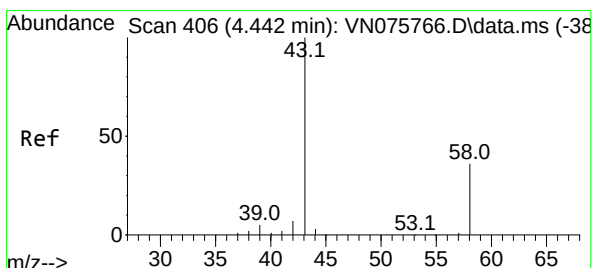
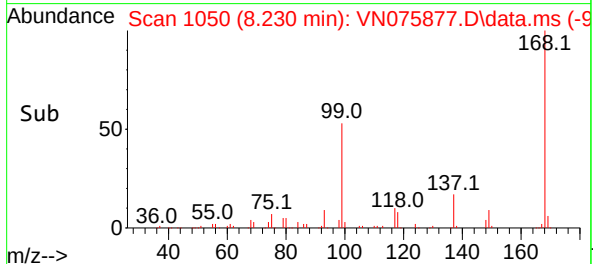
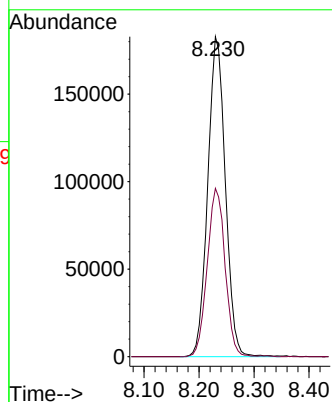
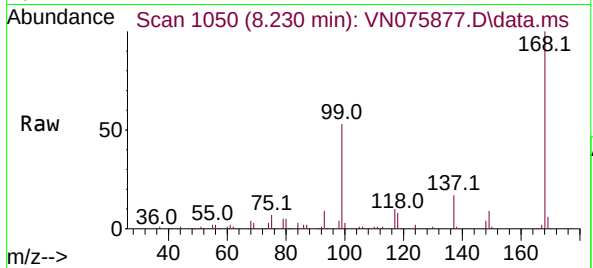




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

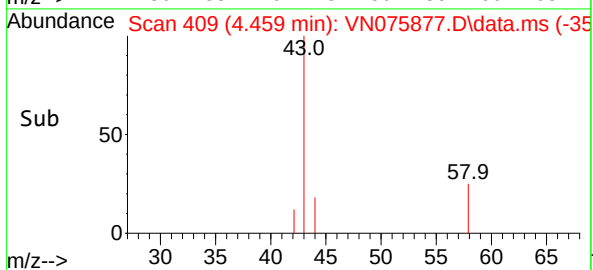
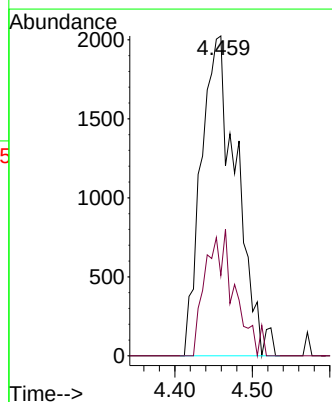
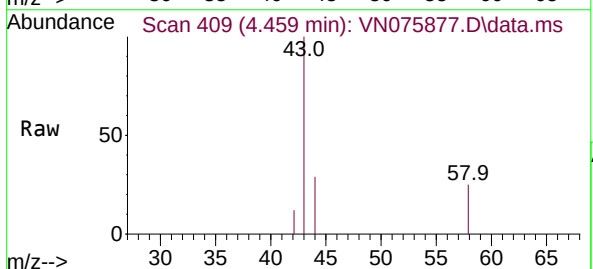
Instrument :
MSVOA_N
ClientSampleId :
MW-2

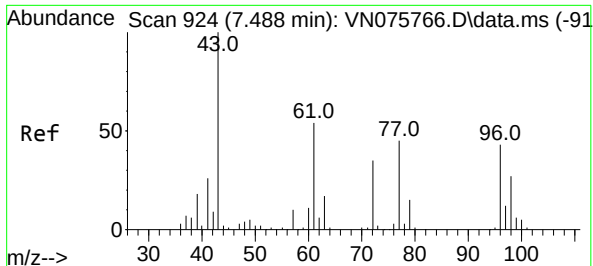
Tgt Ion:168 Resp: 405515
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#16
Acetone
Concen: 4.210 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Tgt Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
58 25.1 28.6 43.0#

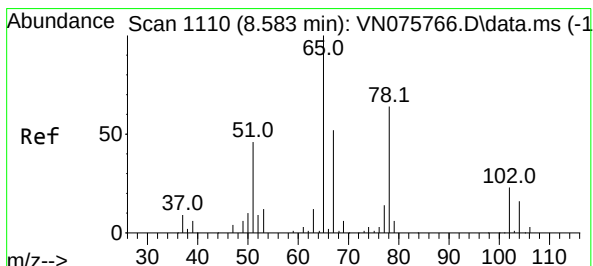
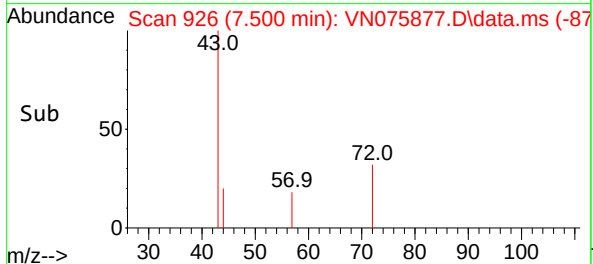
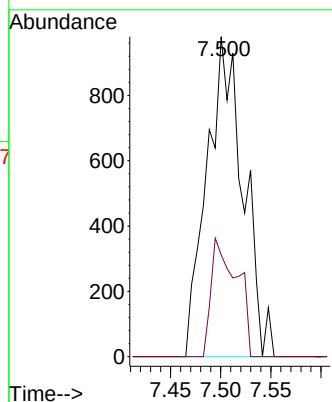
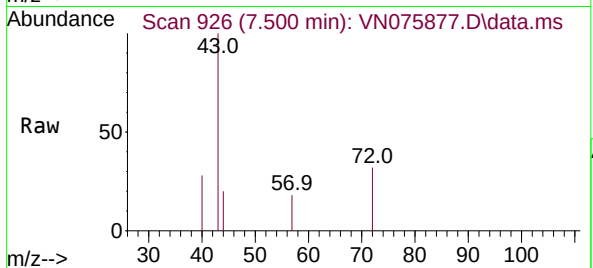




#25
2-Butanone
Concen: 1.157 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

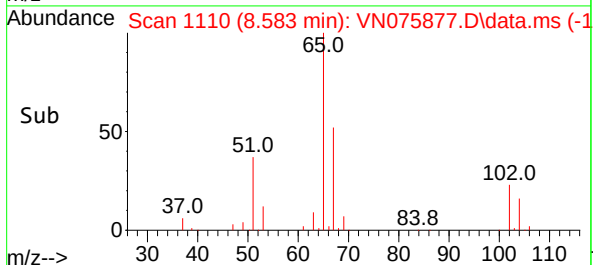
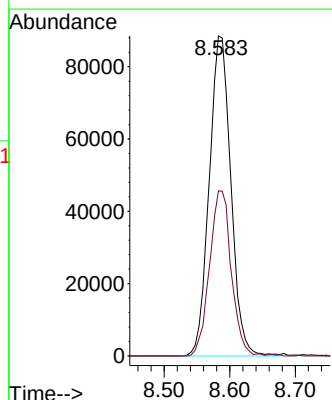
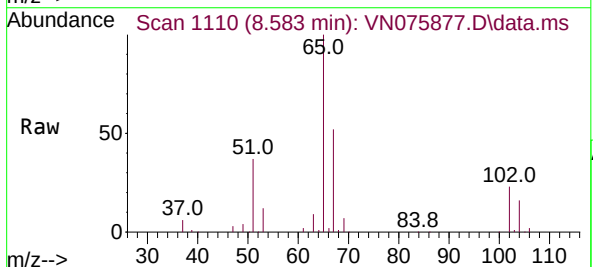
Instrument :
MSVOA_N
ClientSampleId :
MW-2

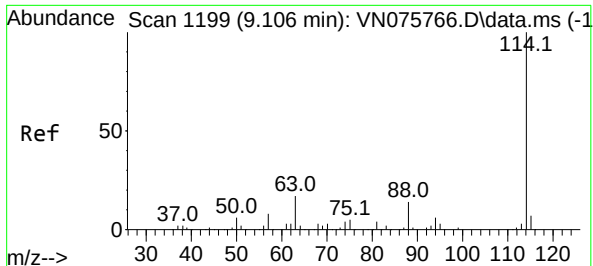
Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
72 31.8 28.0 42.0



#33
1,2-Dichloroethane-d4
Concen: 45.976 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Tgt Ion: 65 Resp: 202831
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-2

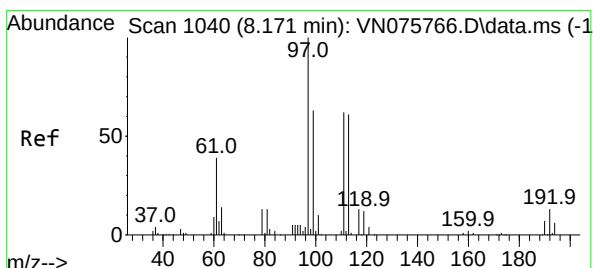
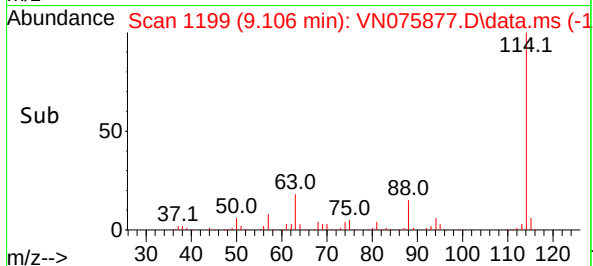
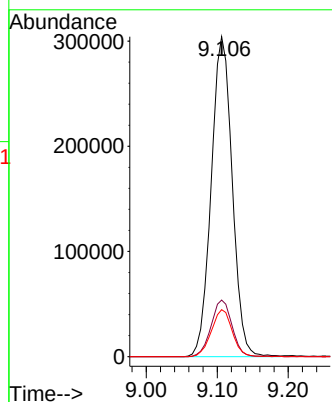
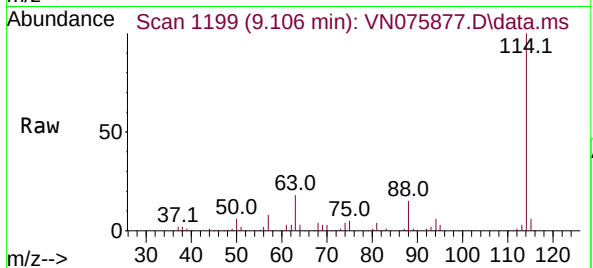
Tgt Ion:114 Resp: 624792

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.966 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

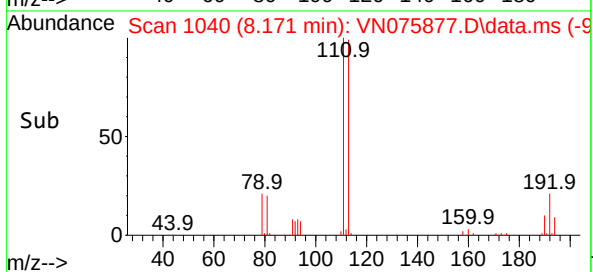
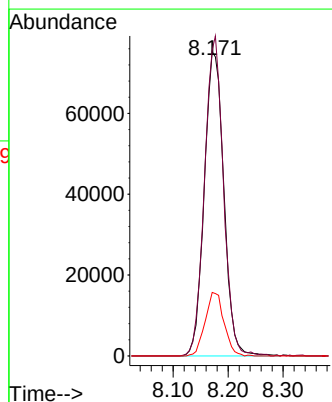
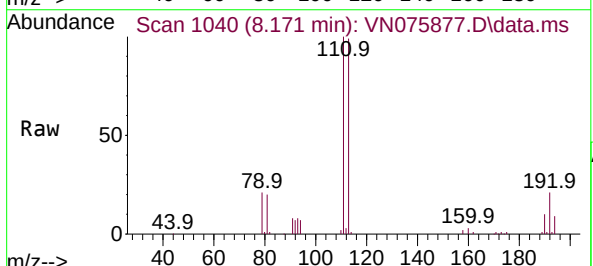
Tgt Ion:113 Resp: 185592

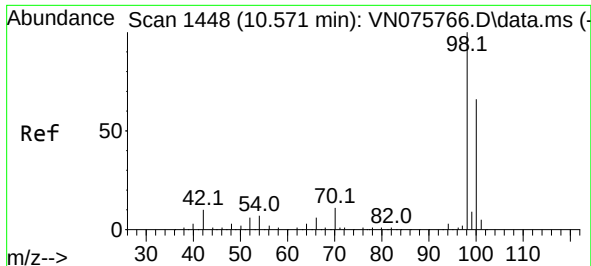
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.1 16.1 24.1





#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

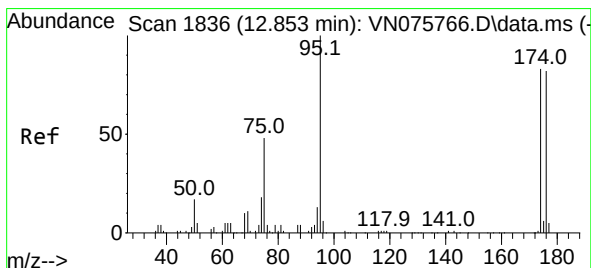
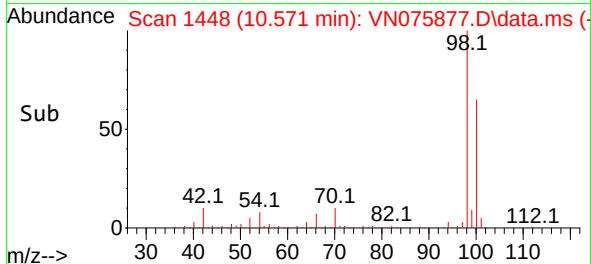
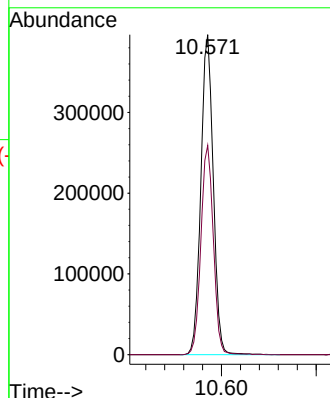
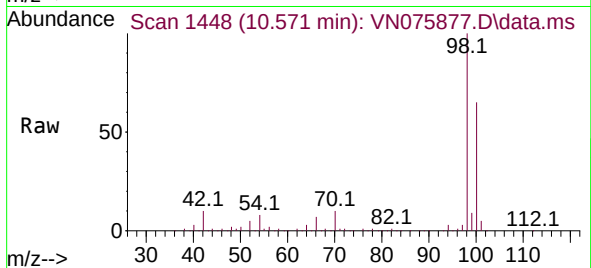
MW-2

Tgt Ion: 98 Resp: 718834

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.589 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

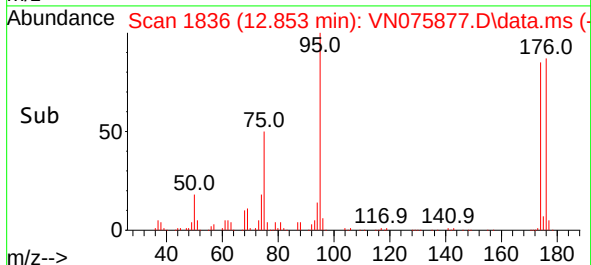
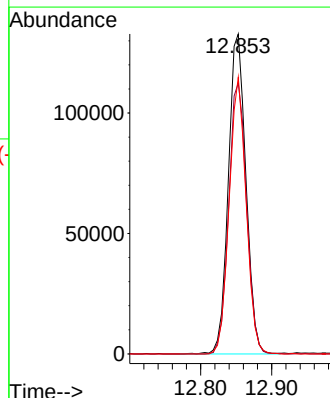
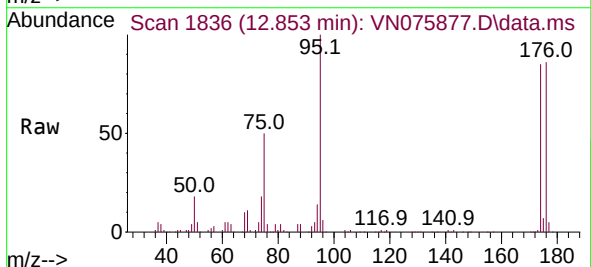
Tgt Ion: 95 Resp: 228025

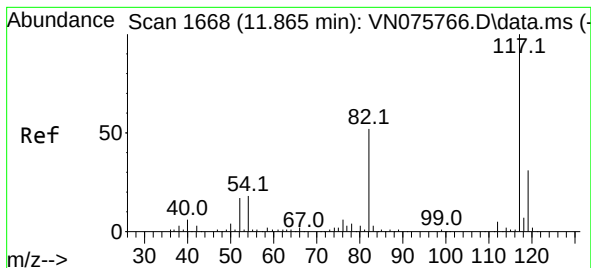
Ion Ratio Lower Upper

95 100

174 86.0 0.0 171.6

176 83.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-2

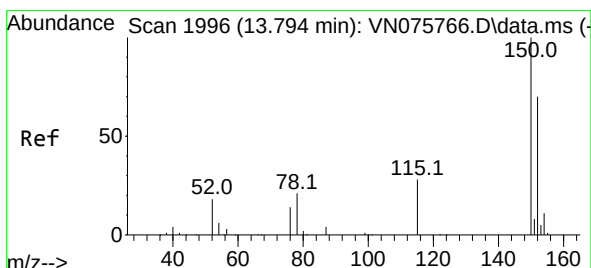
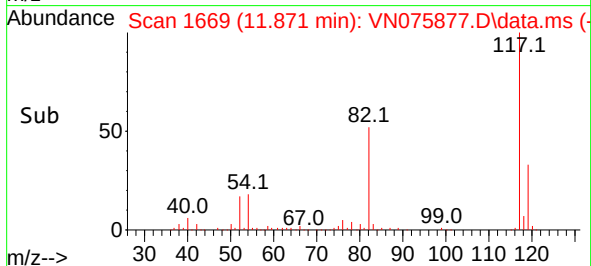
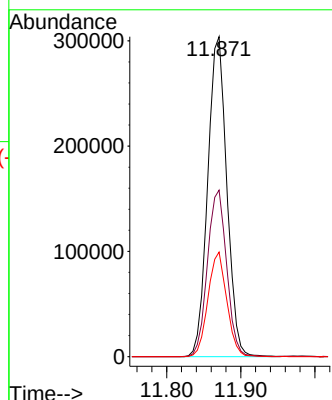
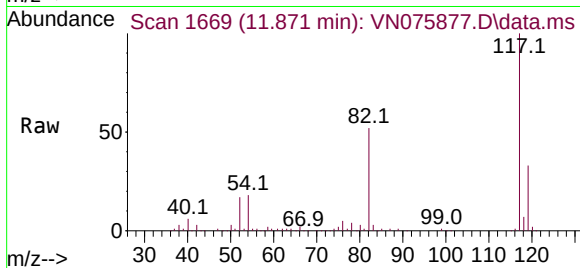
Tgt Ion:117 Resp: 543159

Ion Ratio Lower Upper

117 100

82 52.0 41.3 61.9

119 32.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Tgt Ion:152 Resp: 225587

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 157.8 0.0 347.0

