

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077160.D
 Acq On : 23 Mar 2023 19:32
 Operator : JC\MD
 Sample : 02048-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Mar 24 01:37:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

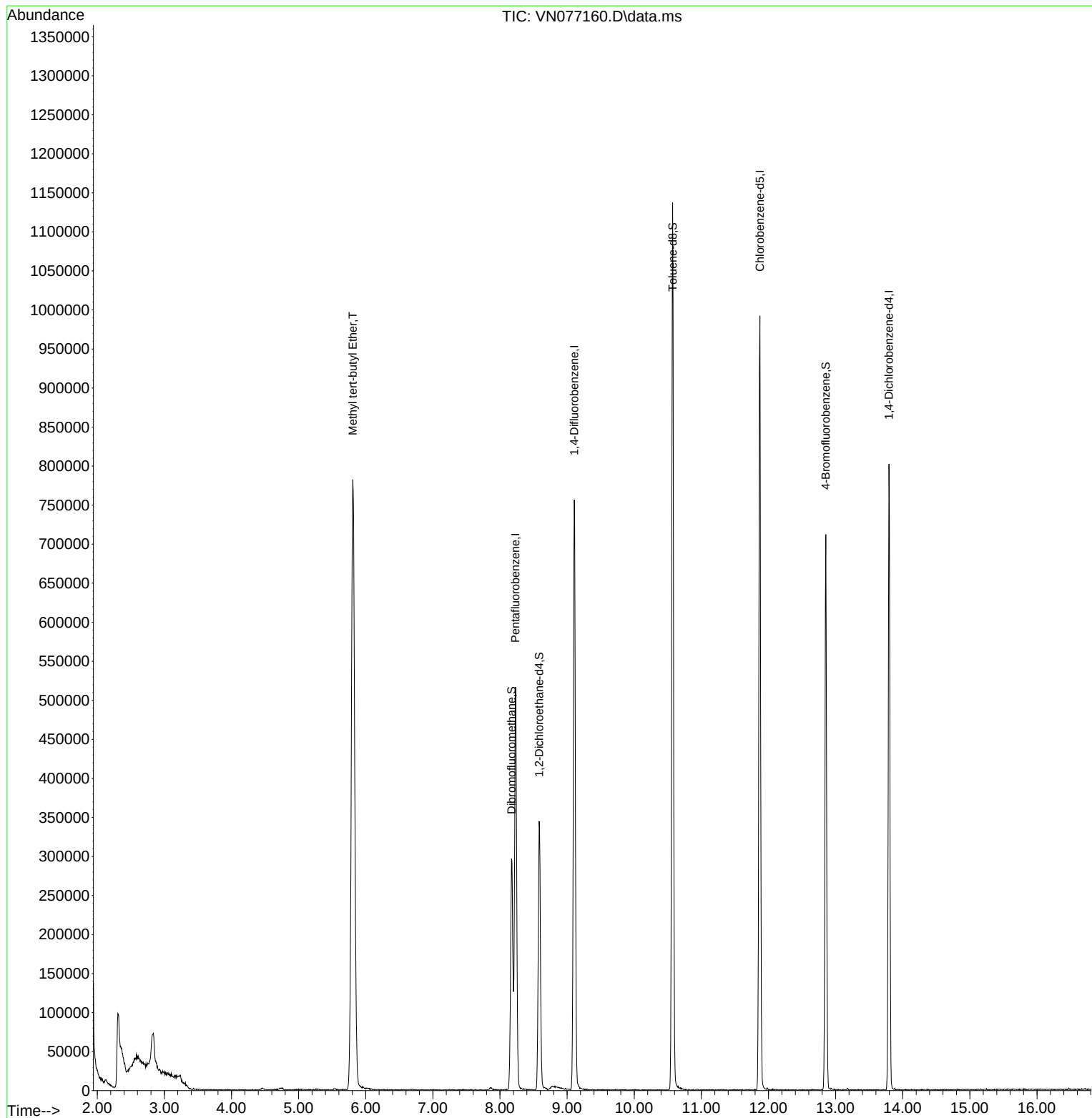
Internal Standards						
1) Pentafluorobenzene	8.231	168	354484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	614805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	542301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	198620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	277009	48.922	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.172	113	207615	48.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	10.572	98	753992	49.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.854	95	218472	40.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.400%#
Target Compounds						
19) Methyl tert-butyl Ether	5.807	73	1208536	78.243	ug/l	Qvalue 96

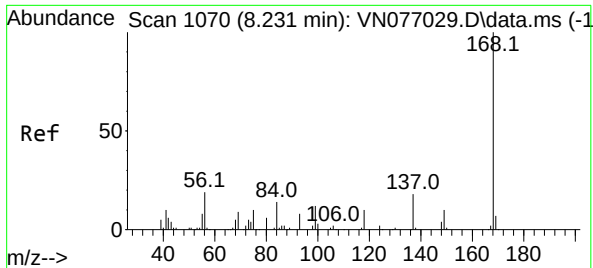
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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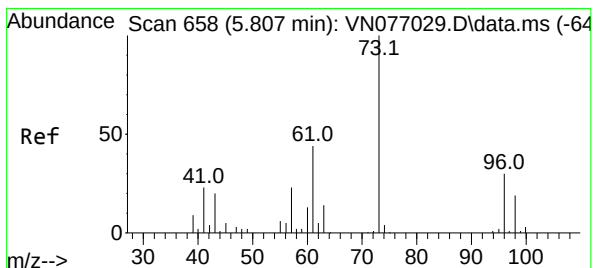
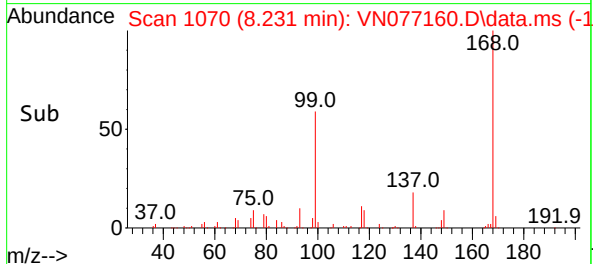
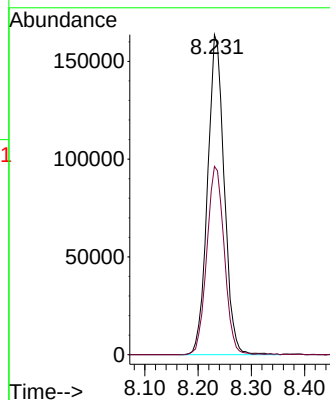
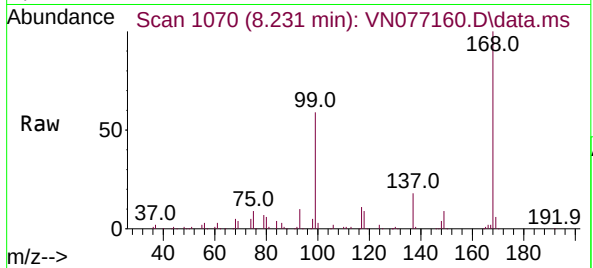




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077160.D
Acq: 23 Mar 2023 19:32

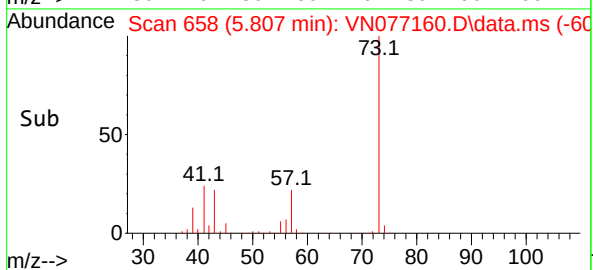
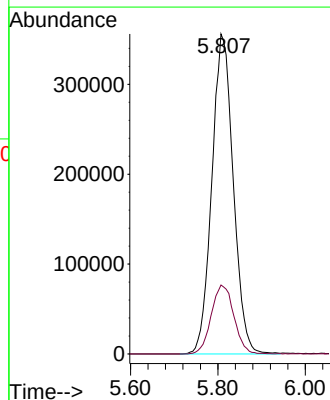
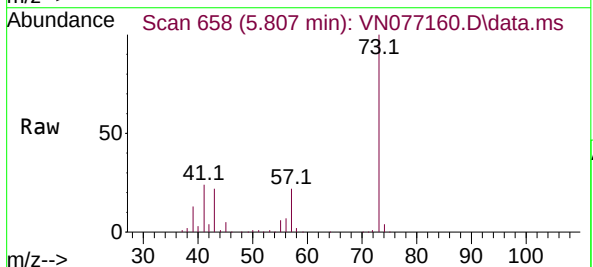
Instrument :
MSVOA_N
ClientSampleId :
MW-4

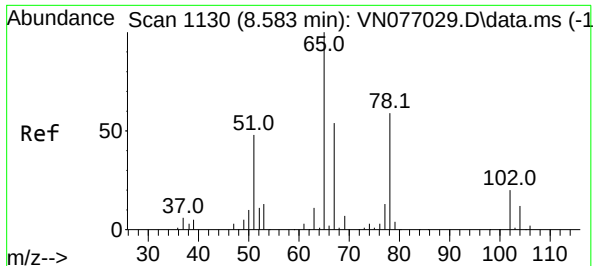
Tgt Ion:168 Resp: 354484
Ion Ratio Lower Upper
168 100
99 58.8 53.9 80.9



#19
Methyl tert-butyl Ether
Concen: 78.243 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077160.D
Acq: 23 Mar 2023 19:32

Tgt Ion: 73 Resp: 1208536
Ion Ratio Lower Upper
73 100
57 21.5 18.7 28.1





#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077160.D

Acq: 23 Mar 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

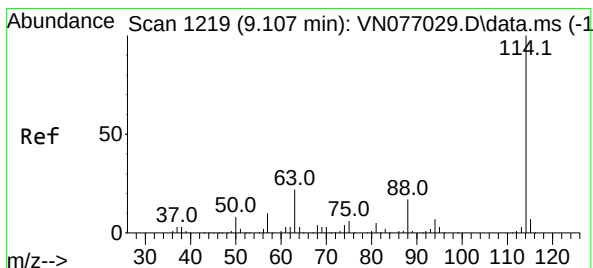
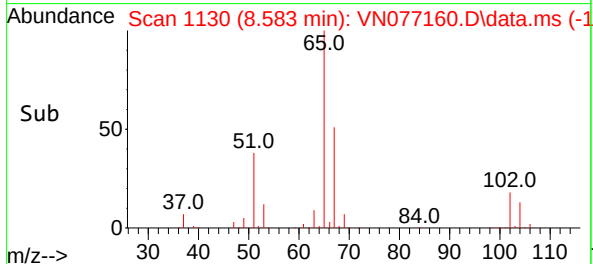
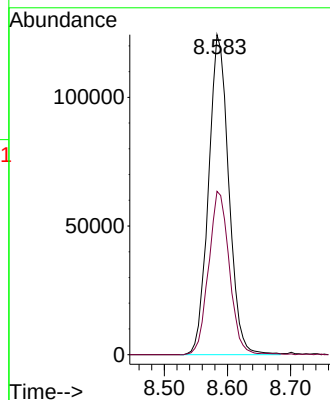
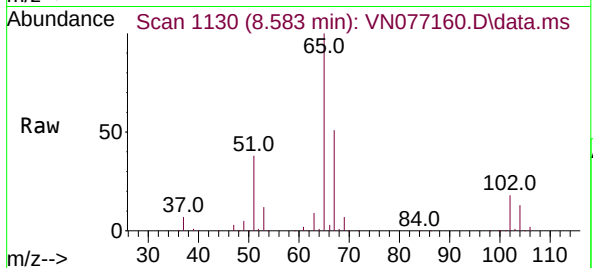
MW-4

Tgt Ion: 65 Resp: 277009

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077160.D

Acq: 23 Mar 2023 19:32

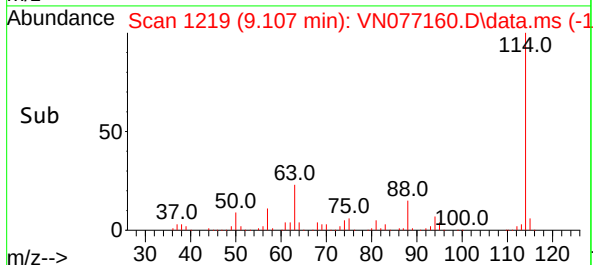
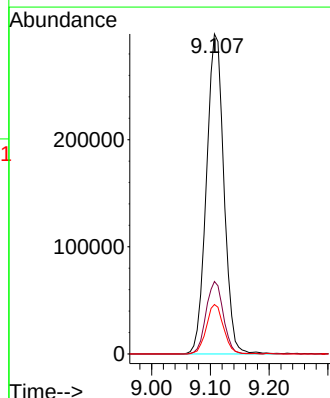
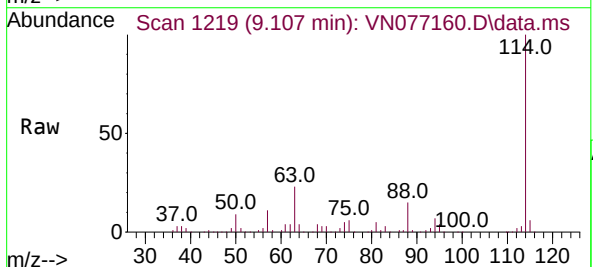
Tgt Ion: 114 Resp: 614805

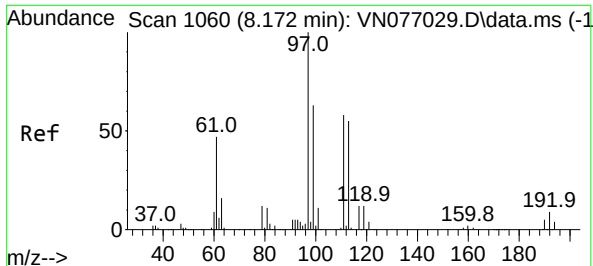
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 15.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.220 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077160.D

Acq: 23 Mar 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

MW-4

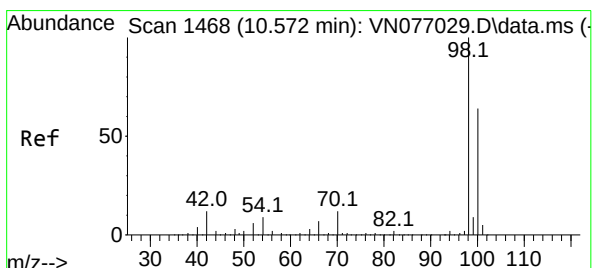
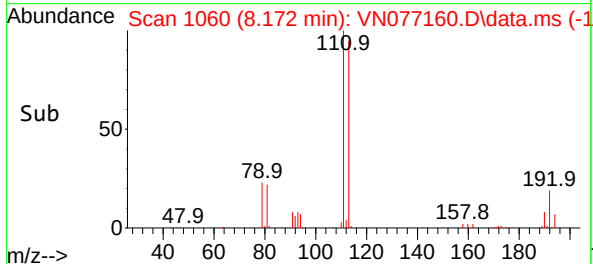
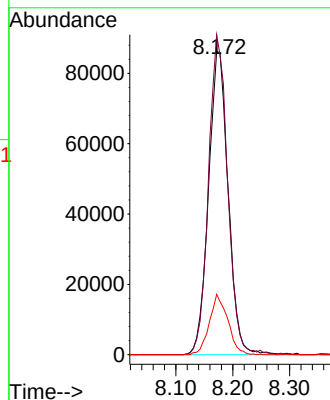
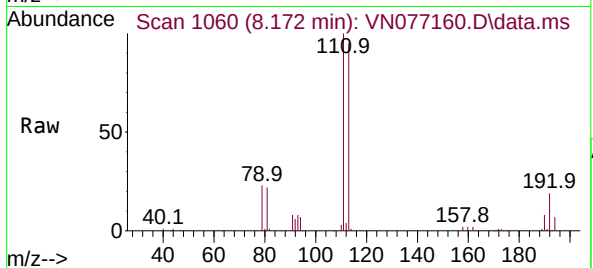
Tgt Ion:113 Resp: 207615

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 18.6 13.0 19.6



#50

Toluene-d8

Concen: 49.024 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077160.D

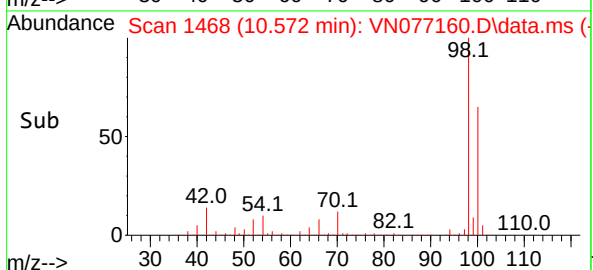
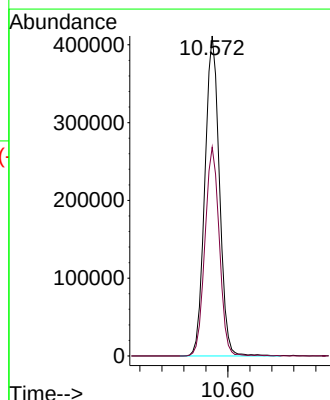
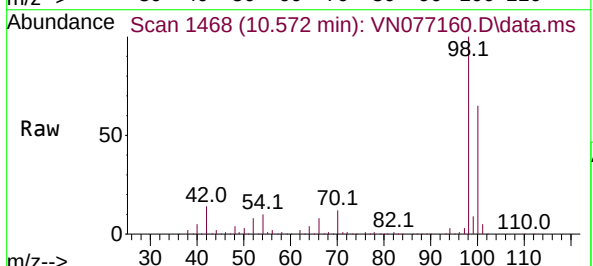
Acq: 23 Mar 2023 19:32

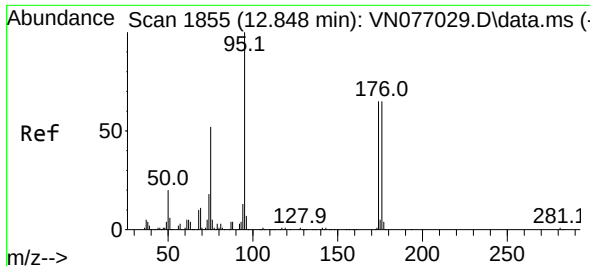
Tgt Ion: 98 Resp: 753992

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

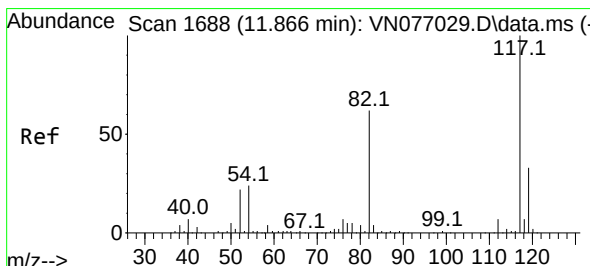
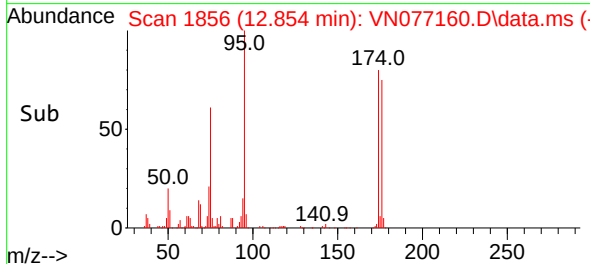
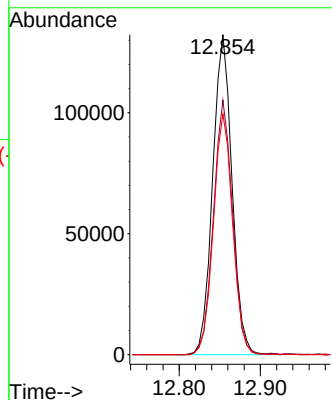
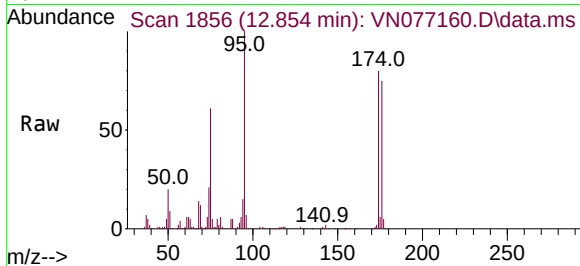




#62
4-Bromofluorobenzene
Concen: 40.199 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077160.D
Acq: 23 Mar 2023 19:32

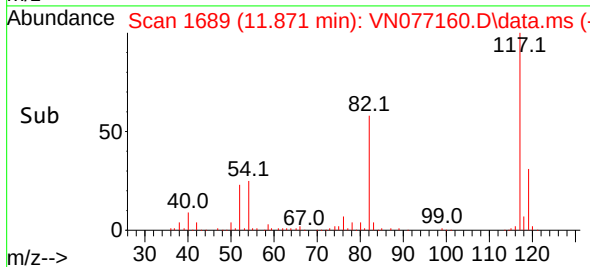
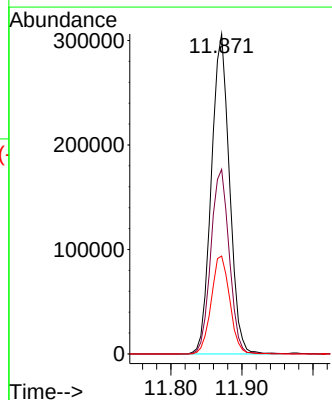
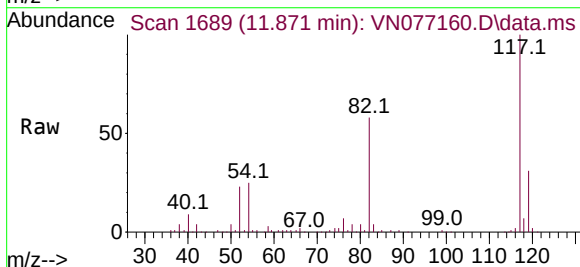
Instrument :
MSVOA_N
ClientSampleId :
MW-4

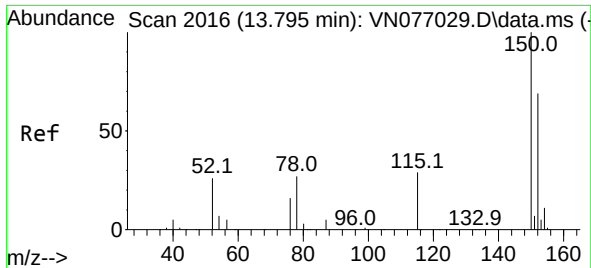
Tgt Ion: 95 Resp: 218472
Ion Ratio Lower Upper
95 100
174 78.9 0.0 136.6
176 75.0 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077160.D
Acq: 23 Mar 2023 19:32

Tgt Ion: 117 Resp: 542301
Ion Ratio Lower Upper
117 100
82 57.7 49.4 74.0
119 30.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077160.D

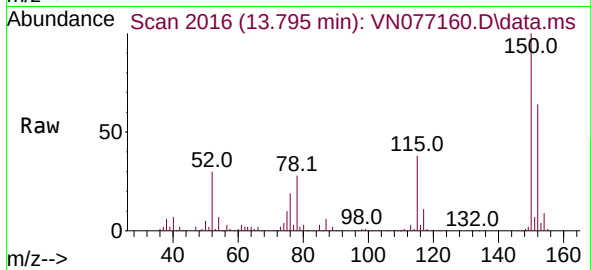
Acq: 23 Mar 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

MW-4



Tgt Ion:152 Resp: 198620

Ion Ratio Lower Upper

152 100

115 61.4 31.9 95.7

150 157.2 0.0 348.0

