

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077157.D
 Acq On : 23 Mar 2023 18:19
 Operator : JC\MD
 Sample : 02048-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Quant Time: Mar 24 01:36:25 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)

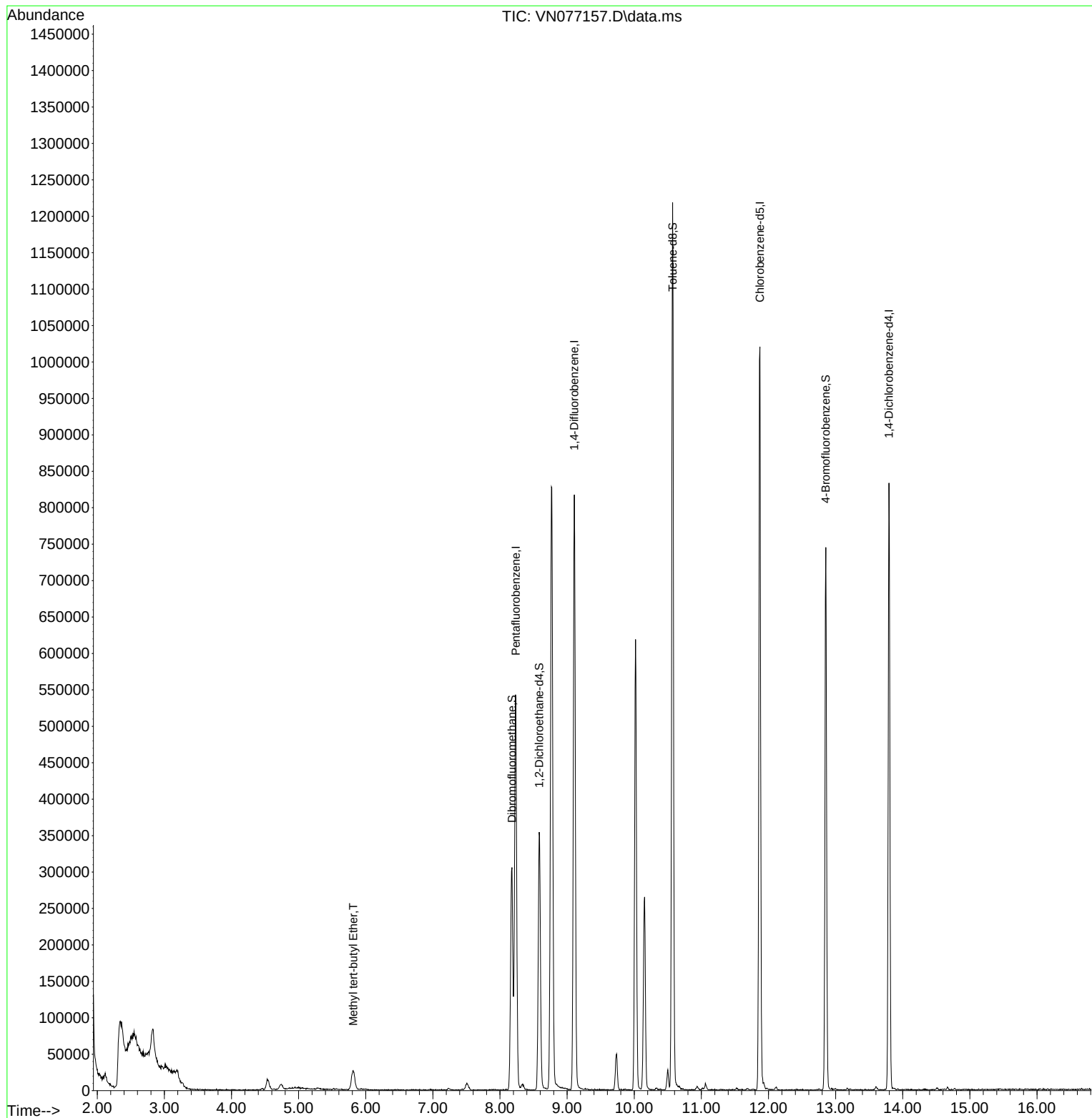
Internal Standards						
1) Pentafluorobenzene	8.236	168	374557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	672667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	560256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	291418	48.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	8.178	113	218160	46.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	10.572	98	818890	48.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.854	95	234345	39.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.820%#
Target Compounds						
19) Methyl tert-butyl Ether	5.813	73	38595	2.365	ug/l	Qvalue 96

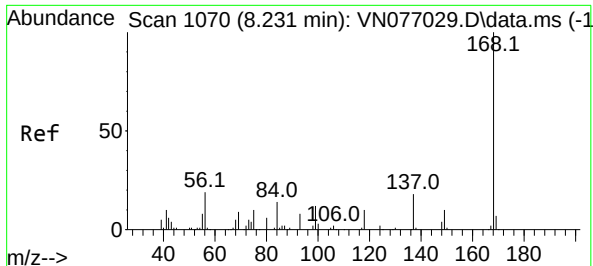
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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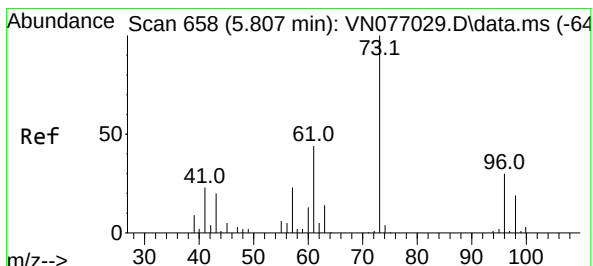
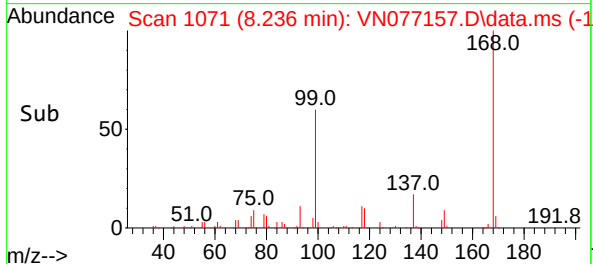
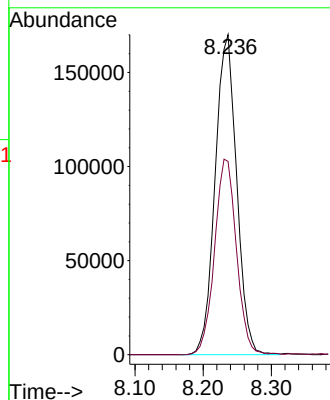
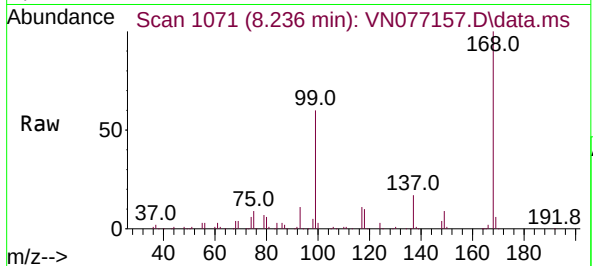




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077157.D
Acq: 23 Mar 2023 18:19

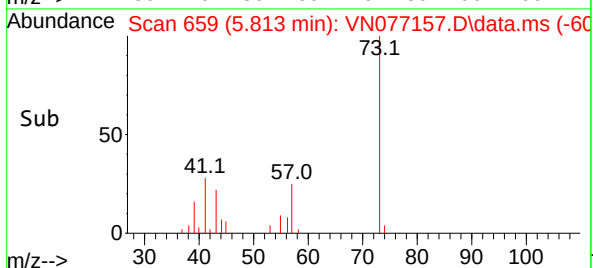
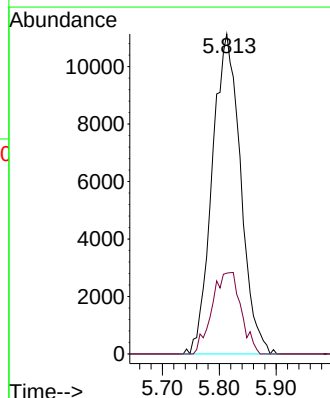
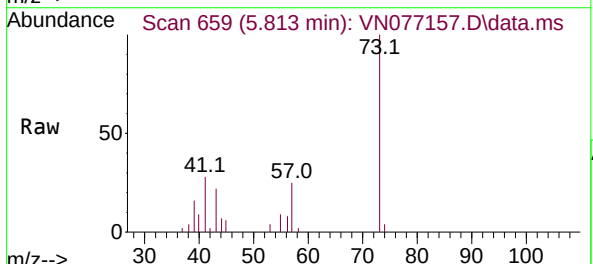
Instrument :
MSVOA_N
ClientSampleId :
MW-2R

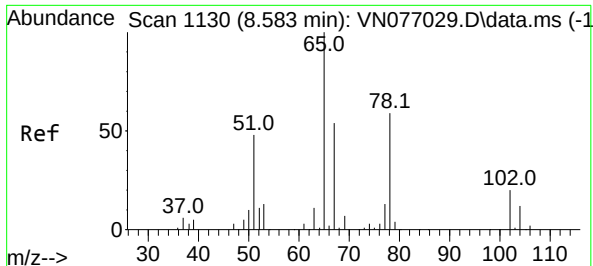
Tgt Ion:168 Resp: 374557
Ion Ratio Lower Upper
168 100
99 60.4 53.9 80.9



#19
Methyl tert-butyl Ether
Concen: 2.365 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN077157.D
Acq: 23 Mar 2023 18:19

Tgt Ion: 73 Resp: 38595
Ion Ratio Lower Upper
73 100
57 25.3 18.7 28.1





#33

1,2-Dichloroethane-d4

Concen: 48.709 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077157.D

Acq: 23 Mar 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

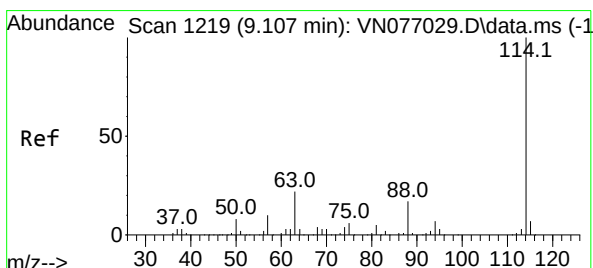
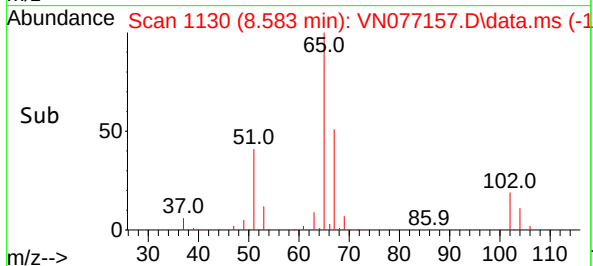
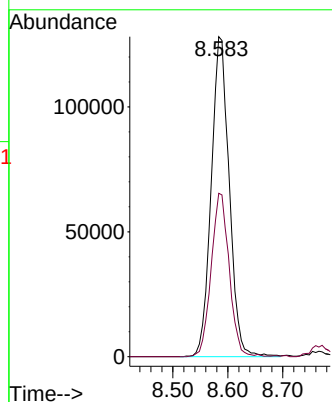
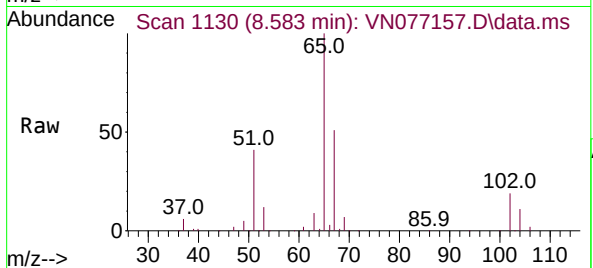
MW-2R

Tgt Ion: 65 Resp: 291418

Ion Ratio Lower Upper

65 100

67 51.2 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: VN077157.D

Acq: 23 Mar 2023 18:19

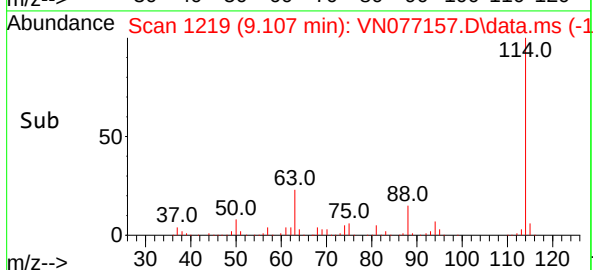
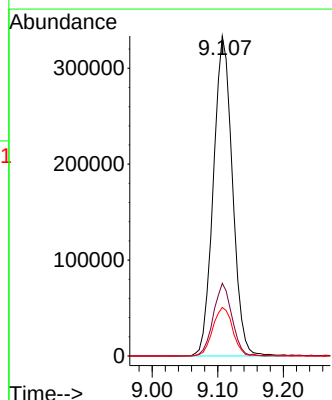
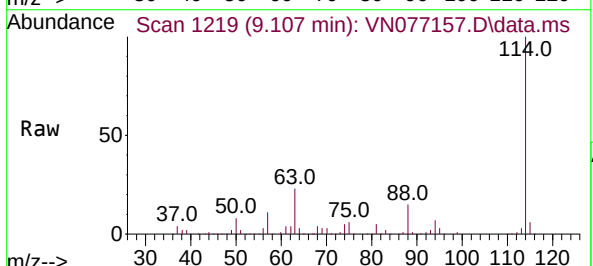
Tgt Ion: 114 Resp: 672667

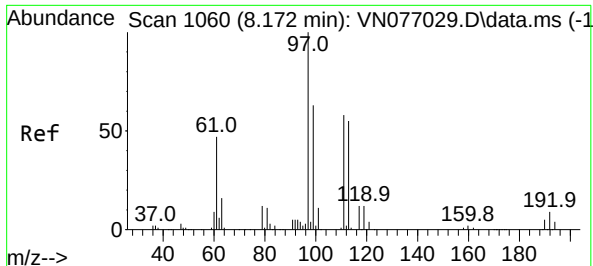
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 15.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.311 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077157.D

Acq: 23 Mar 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

MW-2R

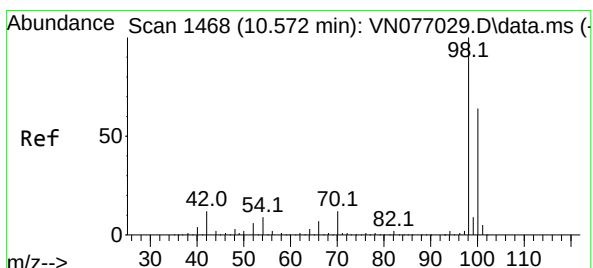
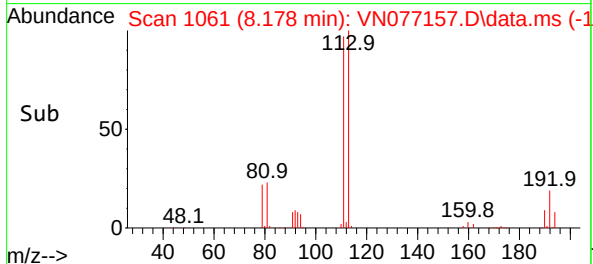
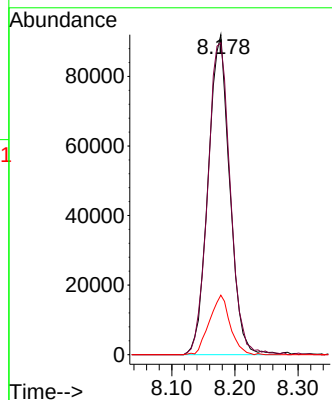
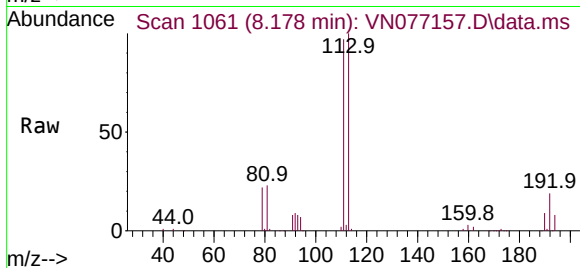
Tgt Ion:113 Resp: 218160

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 17.8 13.0 19.6



#50

Toluene-d8

Concen: 48.664 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077157.D

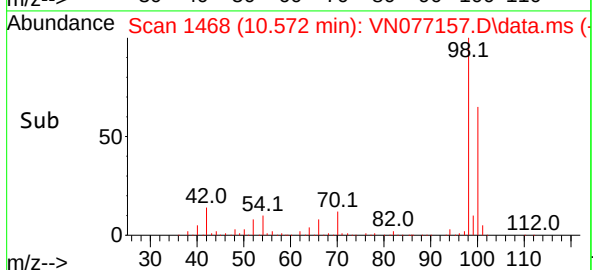
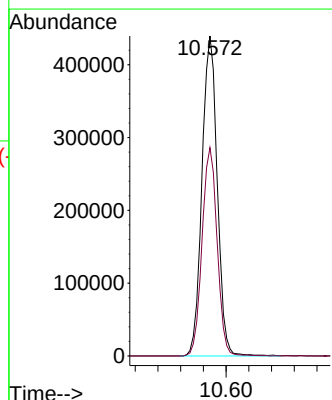
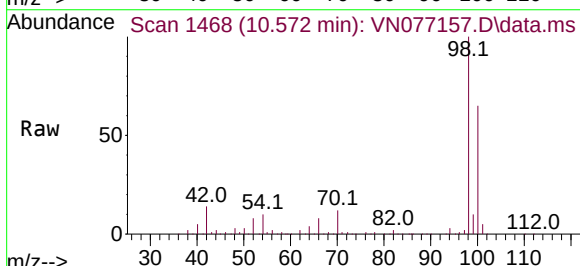
Acq: 23 Mar 2023 18:19

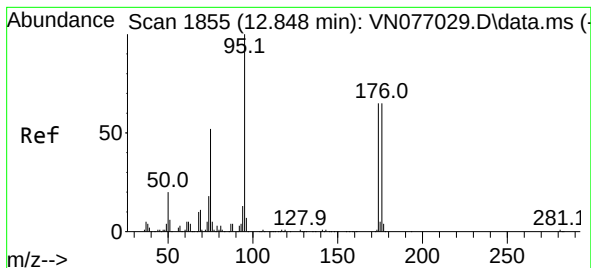
Tgt Ion: 98 Resp: 818890

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

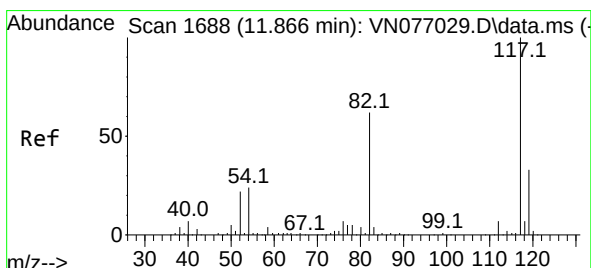
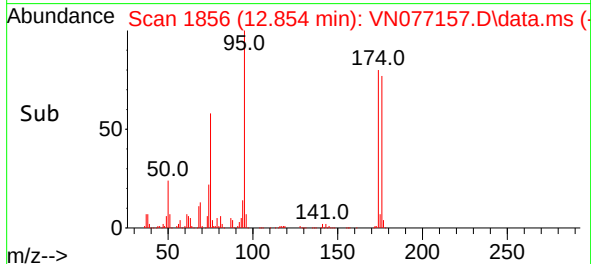
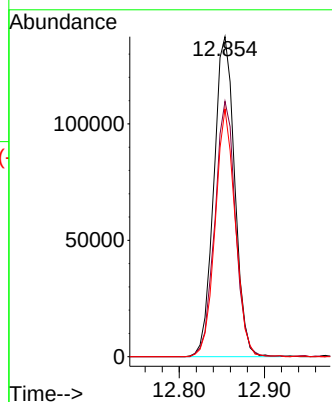
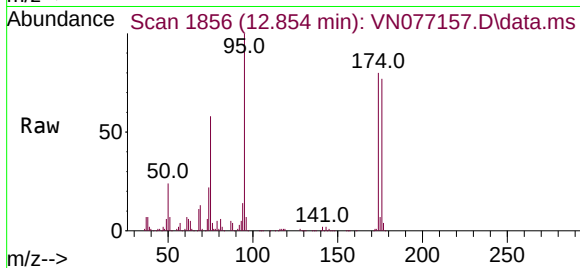




#62
4-Bromofluorobenzene
Concen: 39.411 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077157.D
Acq: 23 Mar 2023 18:19

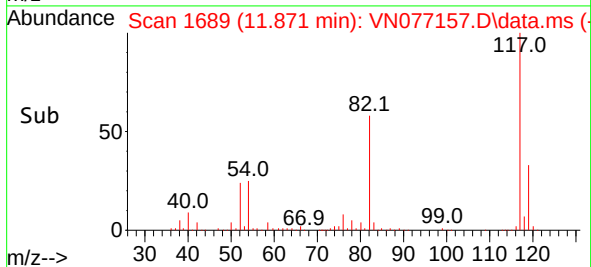
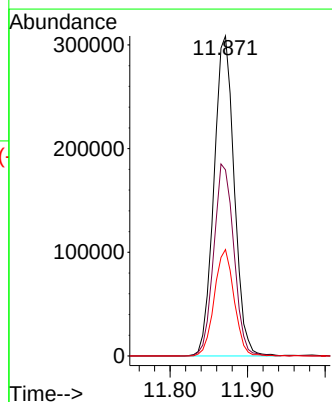
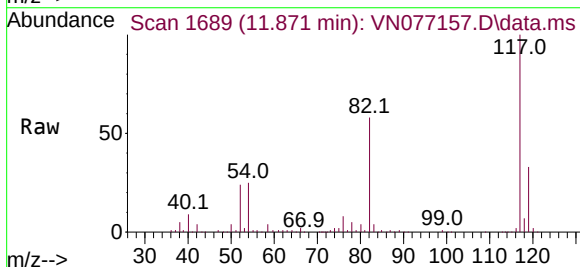
Instrument :
MSVOA_N
ClientSampleId :
MW-2R

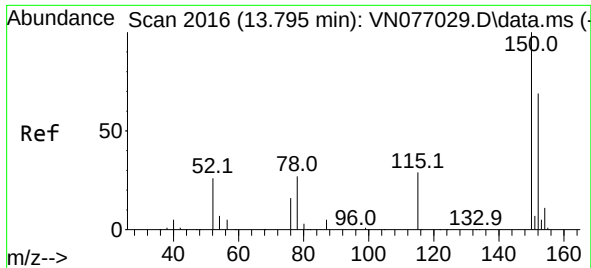
Tgt Ion: 95 Resp: 234345
Ion Ratio Lower Upper
95 100
174 78.8 0.0 136.6
176 74.3 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077157.D
Acq: 23 Mar 2023 18:19

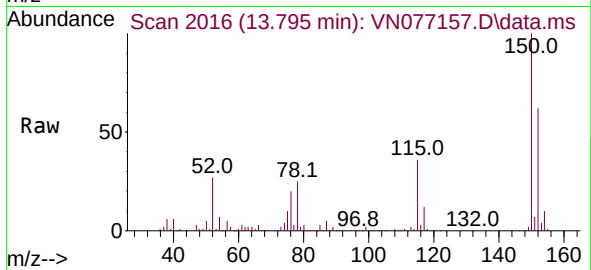
Tgt Ion: 117 Resp: 560256
Ion Ratio Lower Upper
117 100
82 58.2 49.4 74.0
119 33.2 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077157.D
Acq: 23 Mar 2023 18:19

Instrument :
MSVOA_N
ClientSampleId :
MW-2R



Tgt Ion:152 Resp: 211786
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.7
150 157.8 0.0 348.0

