

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079560.D
 Acq On : 12 Oct 2023 21:11
 Operator : JC\MD
 Sample : 04880-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-1012

Quant Time: Oct 13 01:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

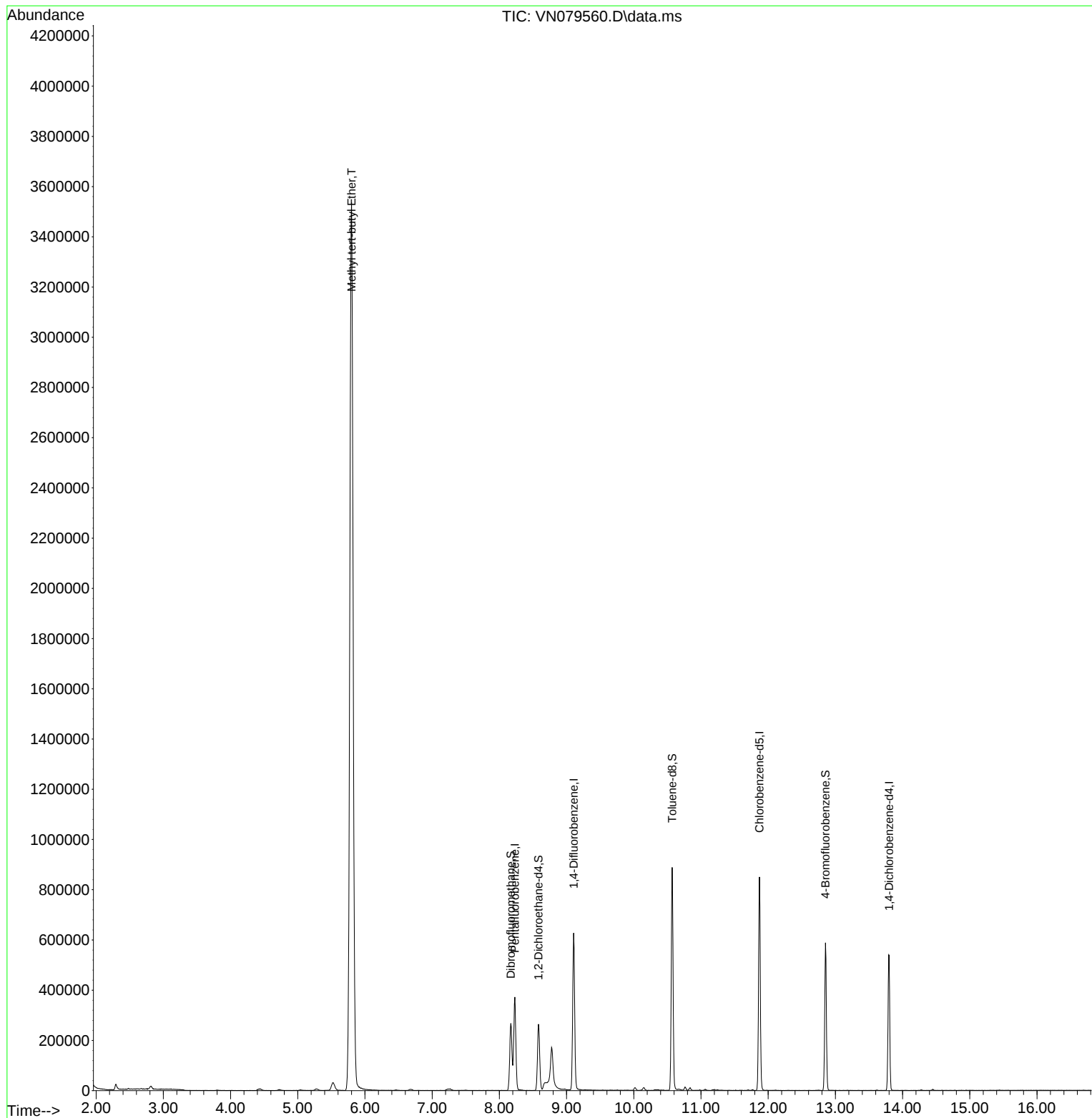
Internal Standards						
1) Pentafluorobenzene	8.230	168	256182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	472713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	145948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214818	51.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.440%	
35) Dibromofluoromethane	8.171	113	187700	50.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	10.571	98	594398	44.498	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.000%	
62) 4-Bromofluorobenzene	12.853	95	193188	45.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.140%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.800	73	5662099	575.727	ug/l	93

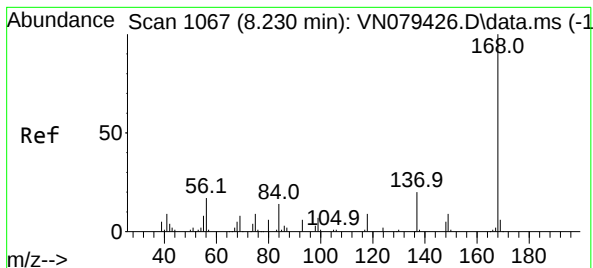
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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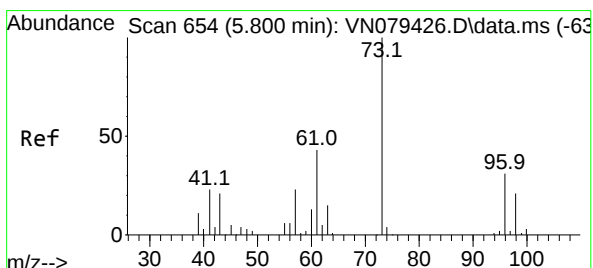
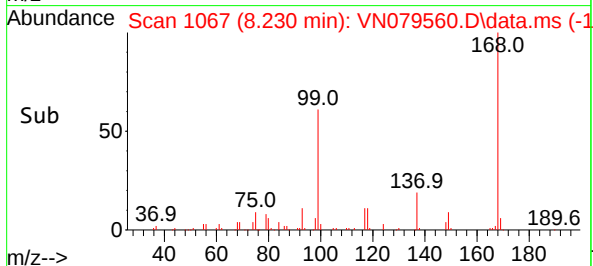
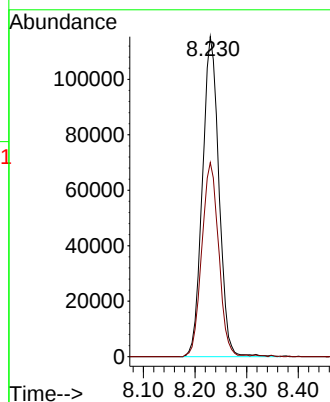
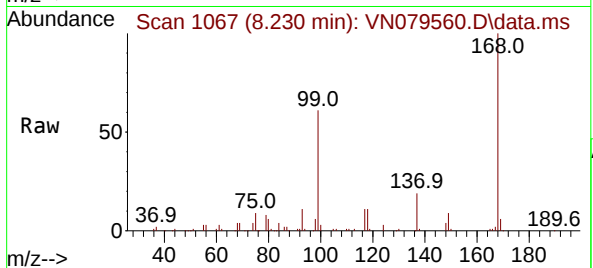




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

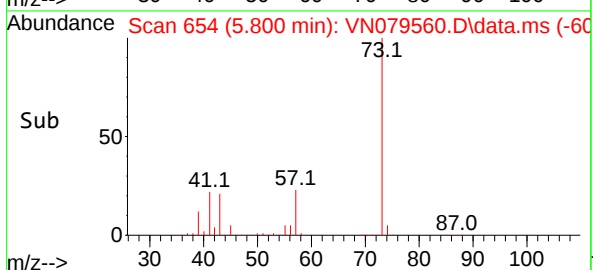
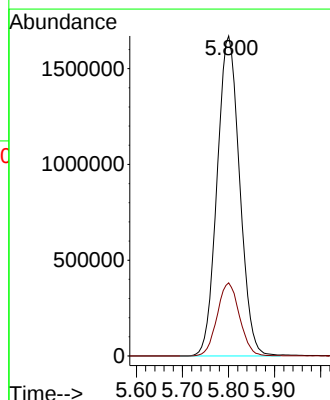
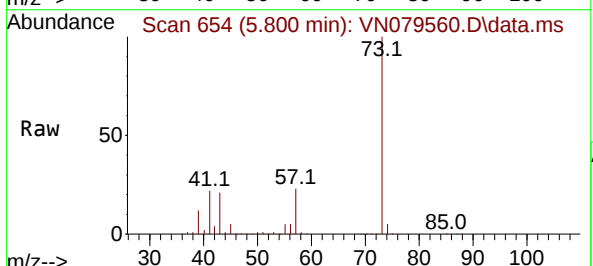
Instrument :
MSVOA_N
ClientSampleId :
MW-13-1012

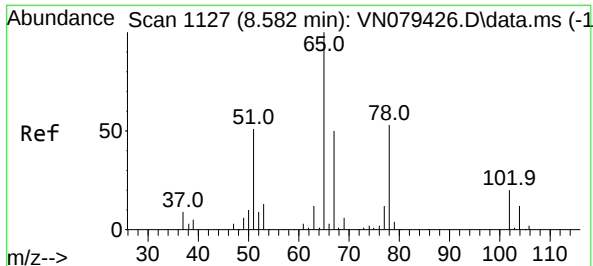
Tgt Ion:168 Resp: 256182
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#19
Methyl tert-butyl Ether
Concen: 575.727 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

Tgt Ion: 73 Resp: 5662099
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079560.D

Acq: 12 Oct 2023 21:11

Instrument :

MSVOA_N

ClientSampleId :

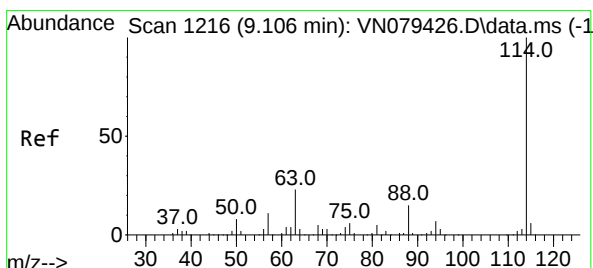
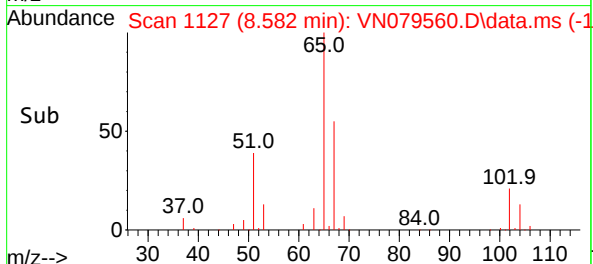
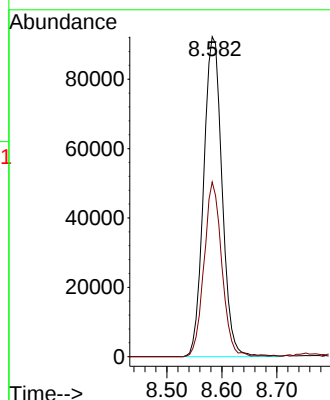
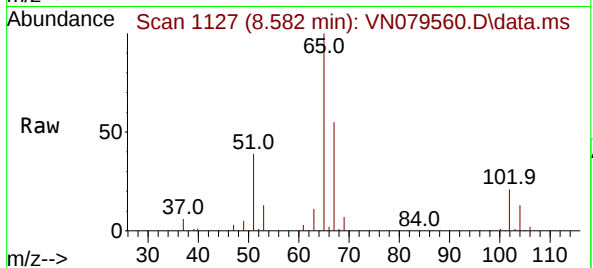
MW-13-1012

Tgt Ion: 65 Resp: 214818

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079560.D

Acq: 12 Oct 2023 21:11

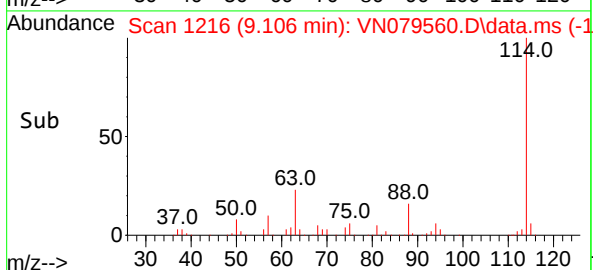
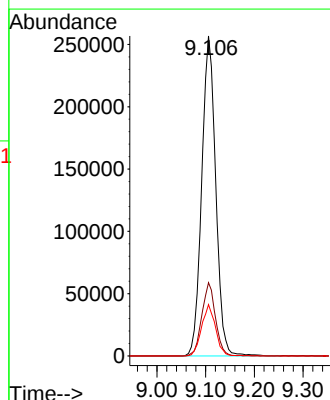
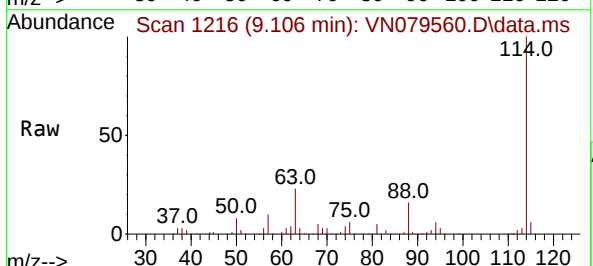
Tgt Ion: 114 Resp: 513714

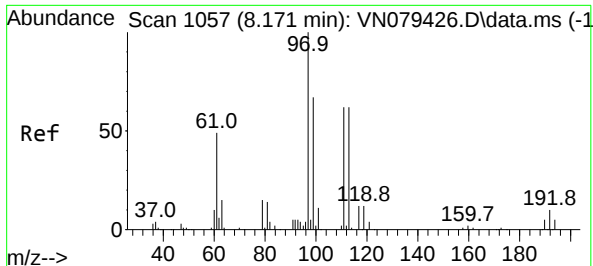
Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 16.1 0.0 30.6

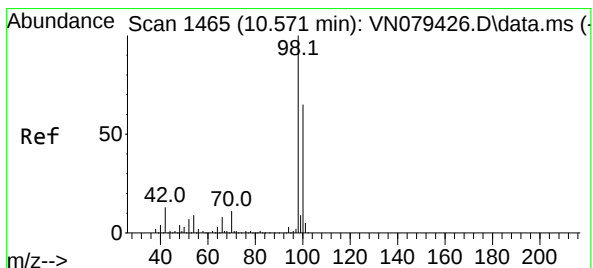
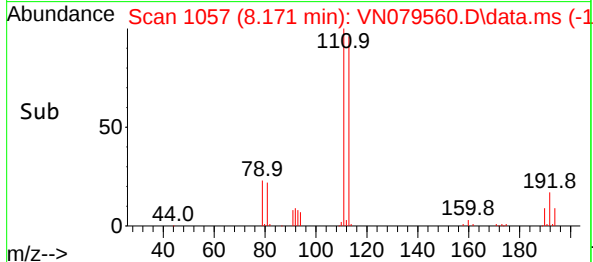
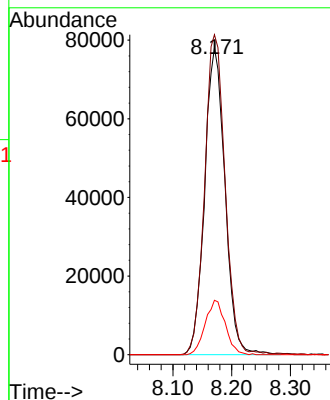
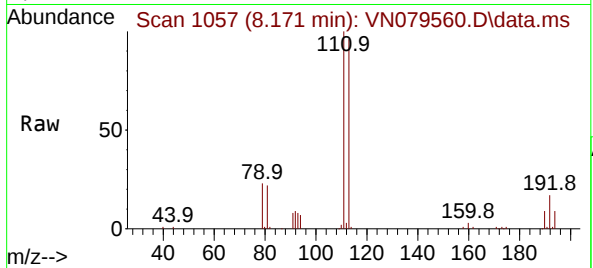




#35
Dibromofluoromethane
Concen: 50.843 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

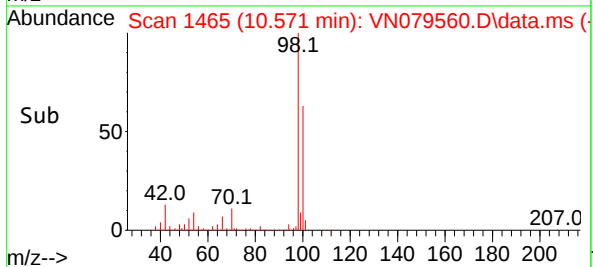
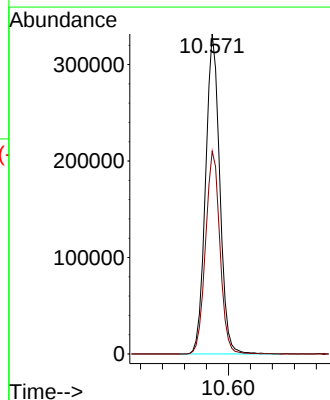
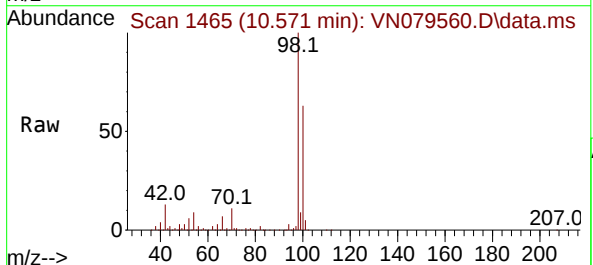
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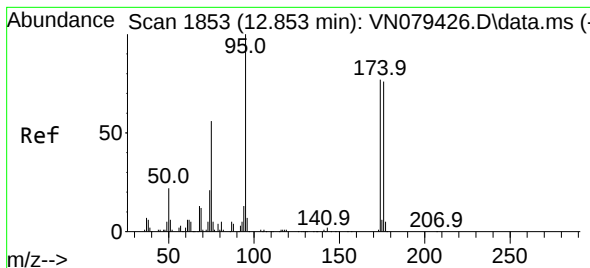
Tgt Ion:113 Resp: 187700
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 17.6 12.7 19.1



#50
Toluene-d8
Concen: 44.498 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

Tgt Ion: 98 Resp: 594398
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

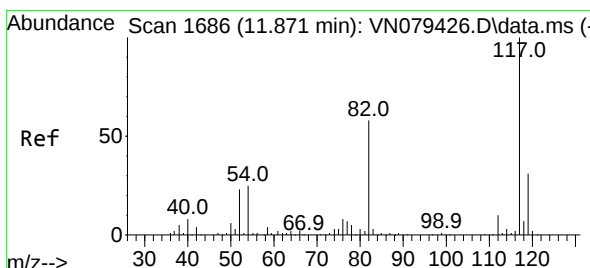
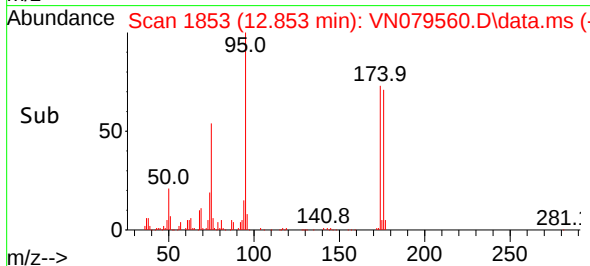
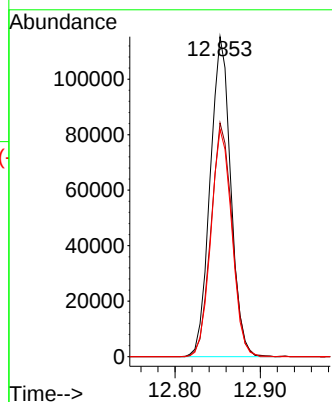
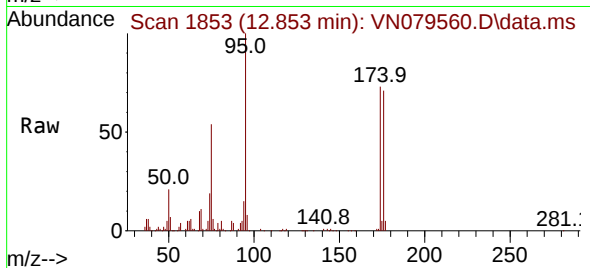




#62
4-Bromofluorobenzene
Concen: 45.066 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

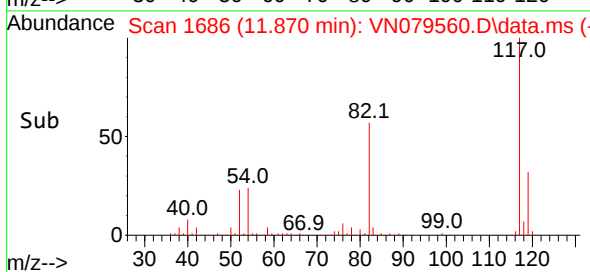
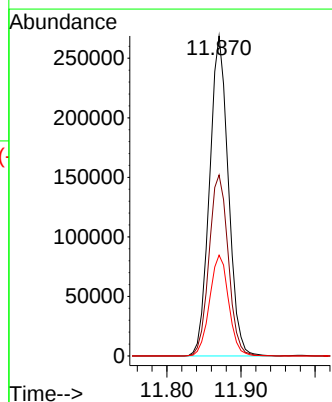
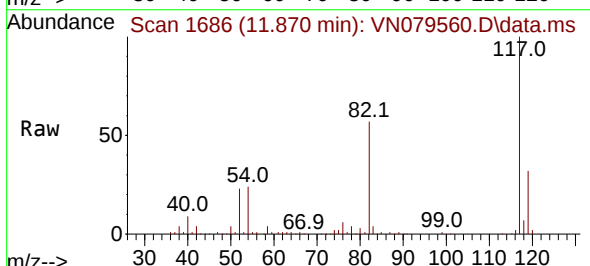
Instrument :
MSVOA_N
ClientSampleId :
MW-13-1012

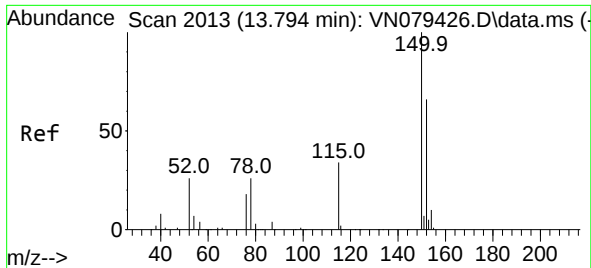
Tgt Ion: 95 Resp: 193188
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079560.D
Acq: 12 Oct 2023 21:11

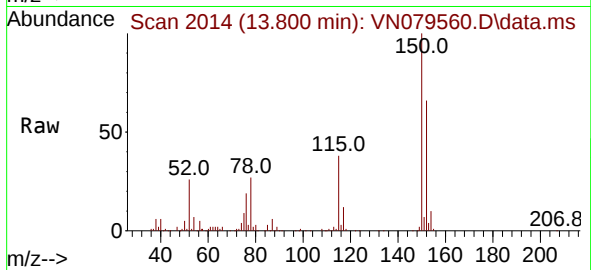
Tgt Ion: 117 Resp: 472713
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079560.D
 Acq: 12 Oct 2023 21:11

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-1012



Tgt Ion:152 Resp: 145948
 Ion Ratio Lower Upper
 152 100
 115 61.0 32.3 96.8
 150 155.1 0.0 355.8

