

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077859.D
 Acq On : 24 May 2023 17:55
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 25 01:43:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

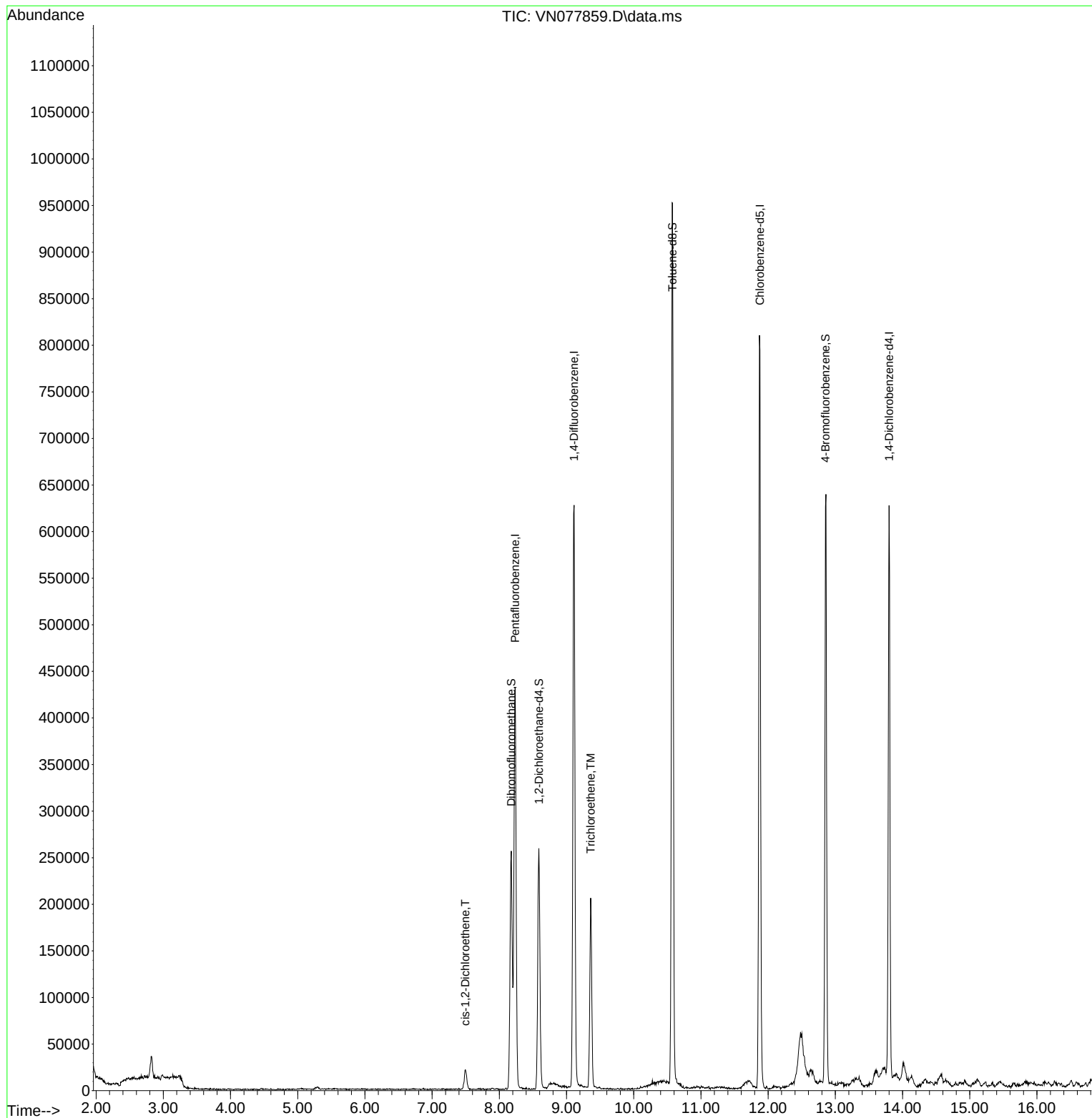
Internal Standards						
1) Pentafluorobenzene	8.236	168	314184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	567633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	492371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	162868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	213784	45.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.960%		
35) Dibromofluoromethane	8.177	113	183134	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.577	98	704728	49.464	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.853	95	228693	45.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.900%		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.494	96	12232	2.748	ug/l	97
44) Trichloroethene	9.359	130	70333	17.386	ug/l	97

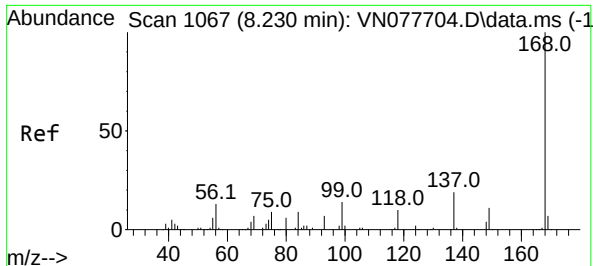
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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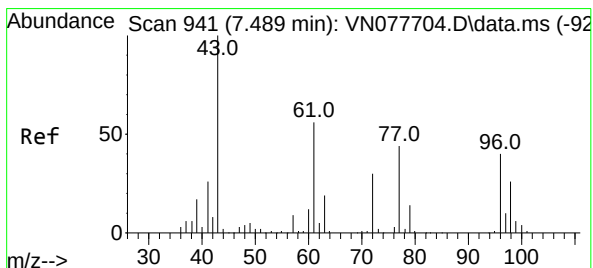
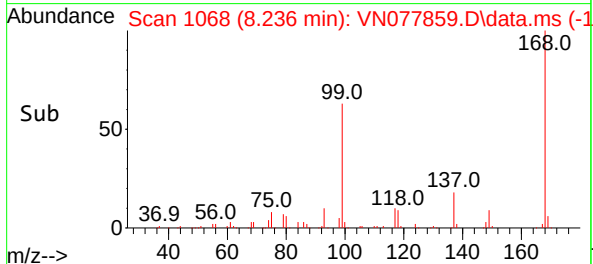
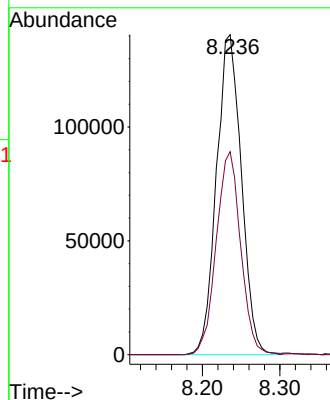
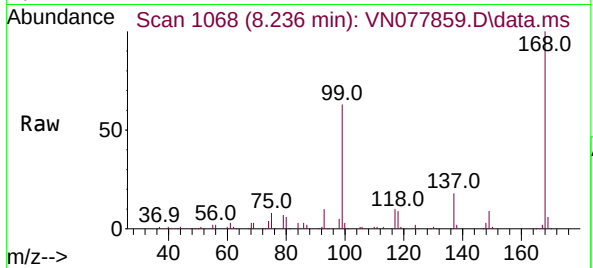




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

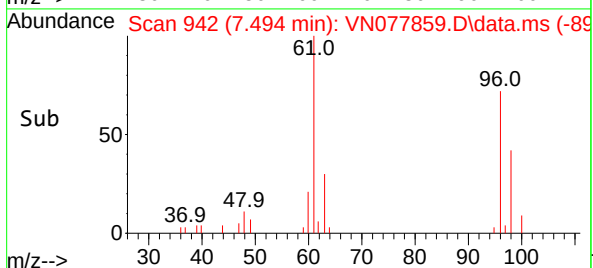
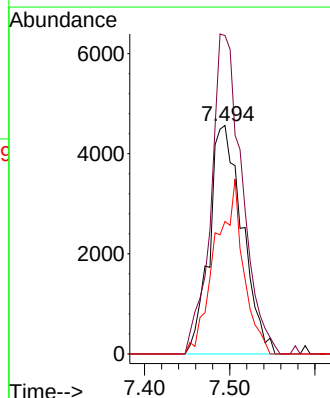
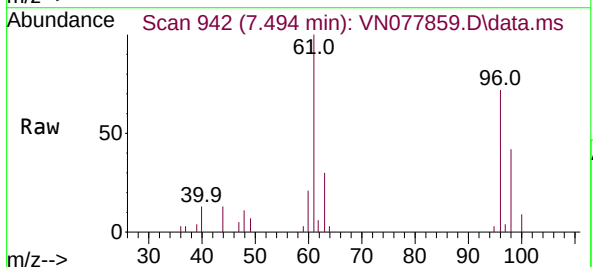
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

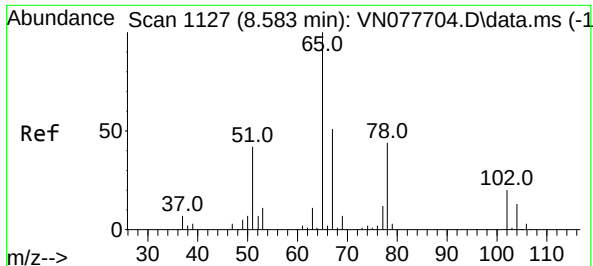
Tgt Ion:168 Resp: 314184
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 2.748 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 96 Resp: 12232
Ion Ratio Lower Upper
96 100
61 132.4 0.0 255.2
98 65.5 0.0 128.8

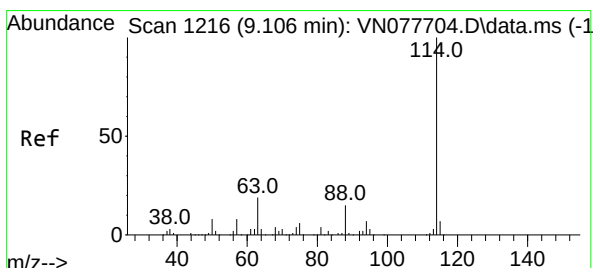
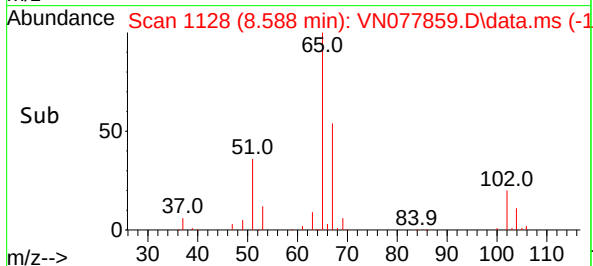
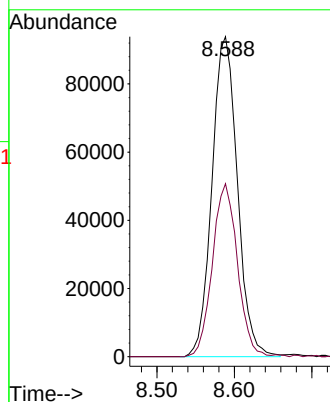
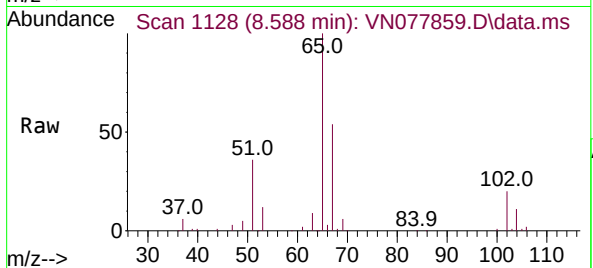




#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

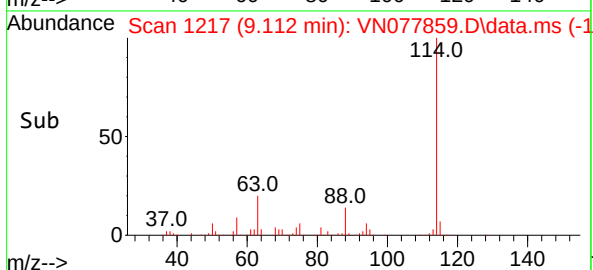
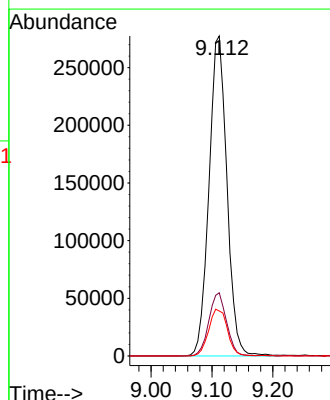
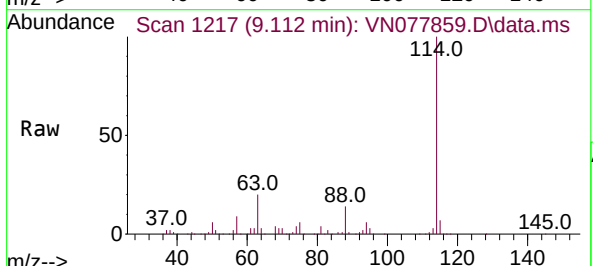
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

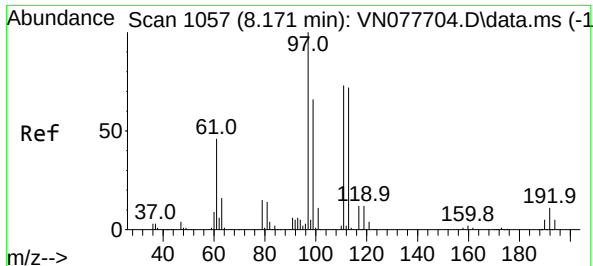
Tgt Ion: 65 Resp: 213784
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 114 Resp: 567633
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.476 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077859.D

Acq: 24 May 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

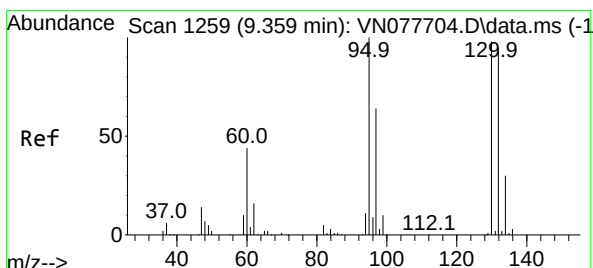
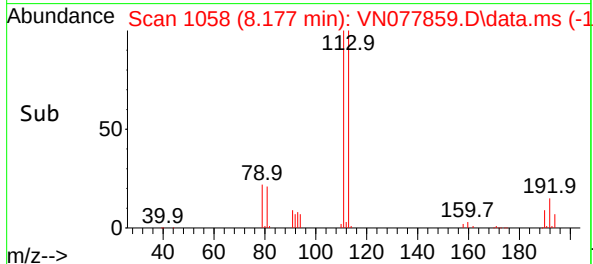
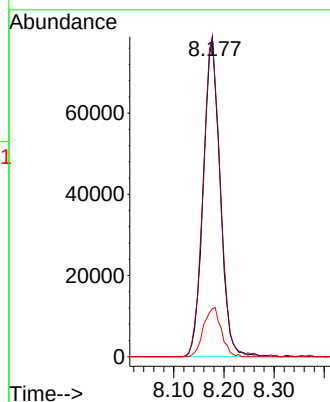
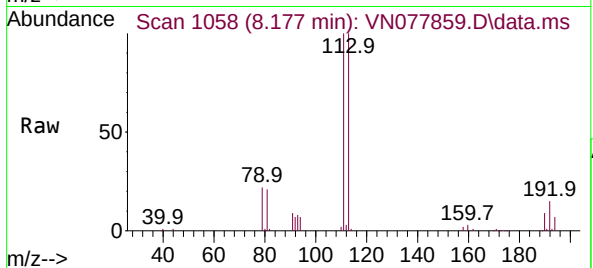
Tgt Ion:113 Resp: 183134

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 16.3 12.7 19.1



#44

Trichloroethene

Concen: 17.386 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN077859.D

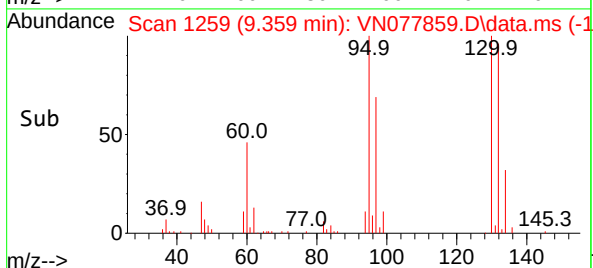
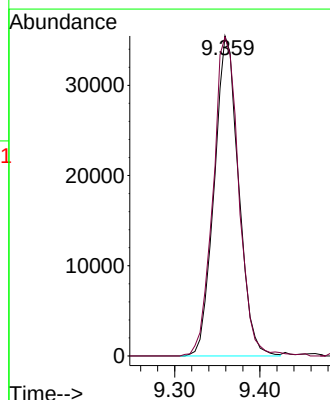
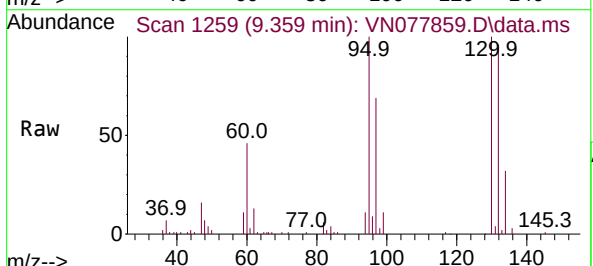
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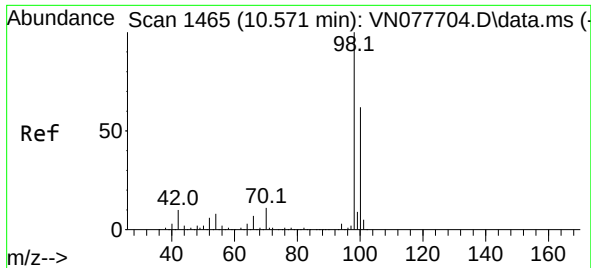
Tgt Ion:130 Resp: 70333

Ion Ratio Lower Upper

130 100

95 99.7 0.0 204.6

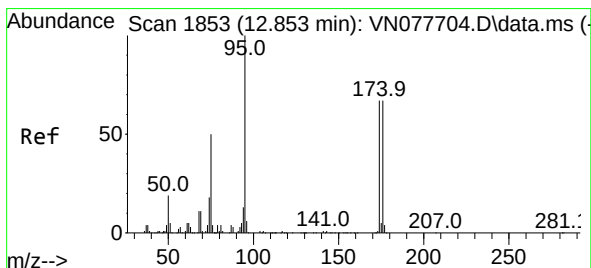
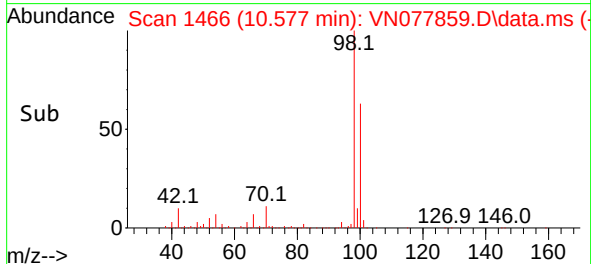
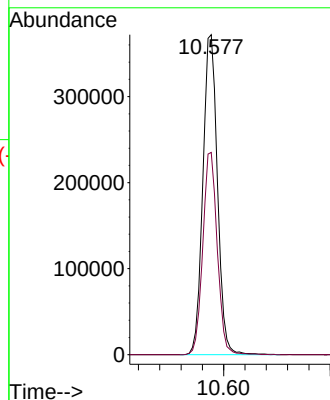
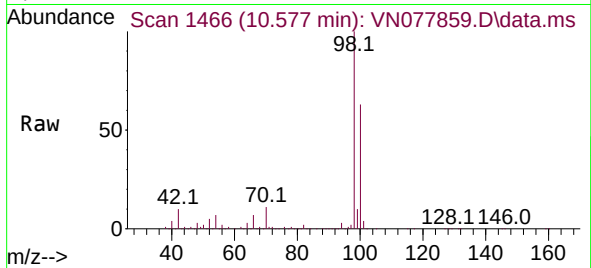




#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

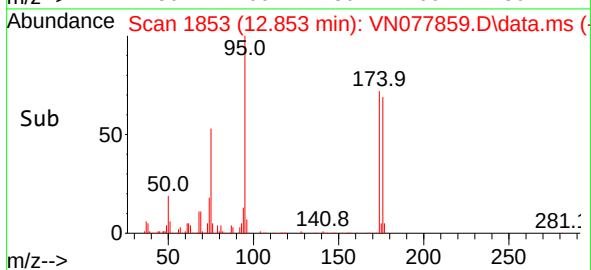
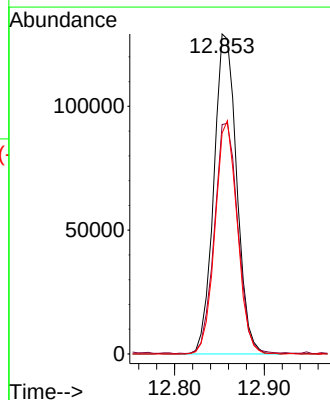
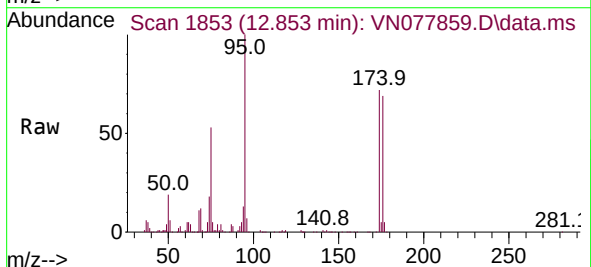
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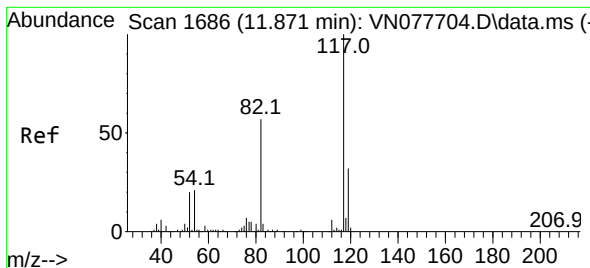
Tgt Ion: 98 Resp: 704728
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.449 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 95 Resp: 228693
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 70.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.877 min Scan# 1

Delta R.T. 0.007 min

Lab File: VN077859.D

Acq: 24 May 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

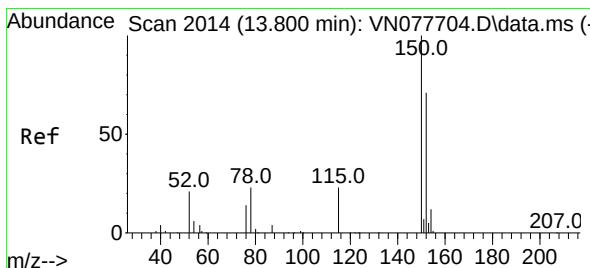
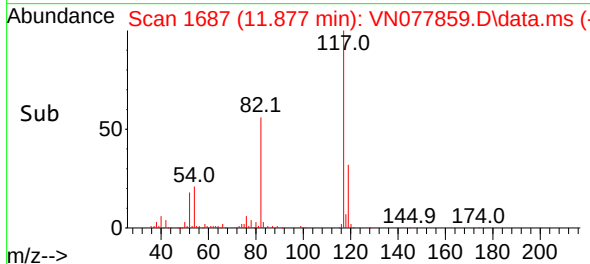
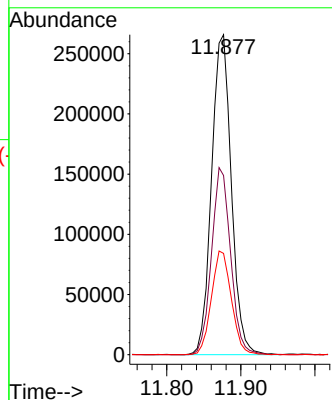
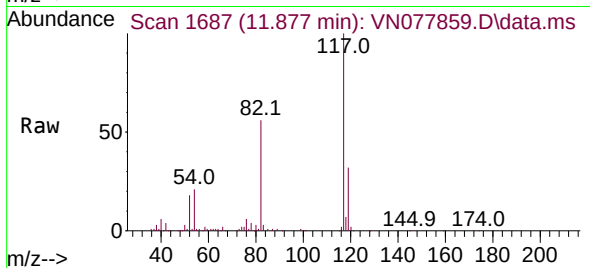
Tgt Ion:117 Resp: 492371

Ion Ratio Lower Upper

117 100

82 56.0 44.0 66.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077859.D

Acq: 24 May 2023 17:55

Tgt Ion:152 Resp: 162868

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.8 0.0 355.8

