

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077773.D
 Acq On : 19 May 2023 18:46
 Operator : JC\MD
 Sample : 02862-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-258-260

Quant Time: May 19 23:57:04 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)

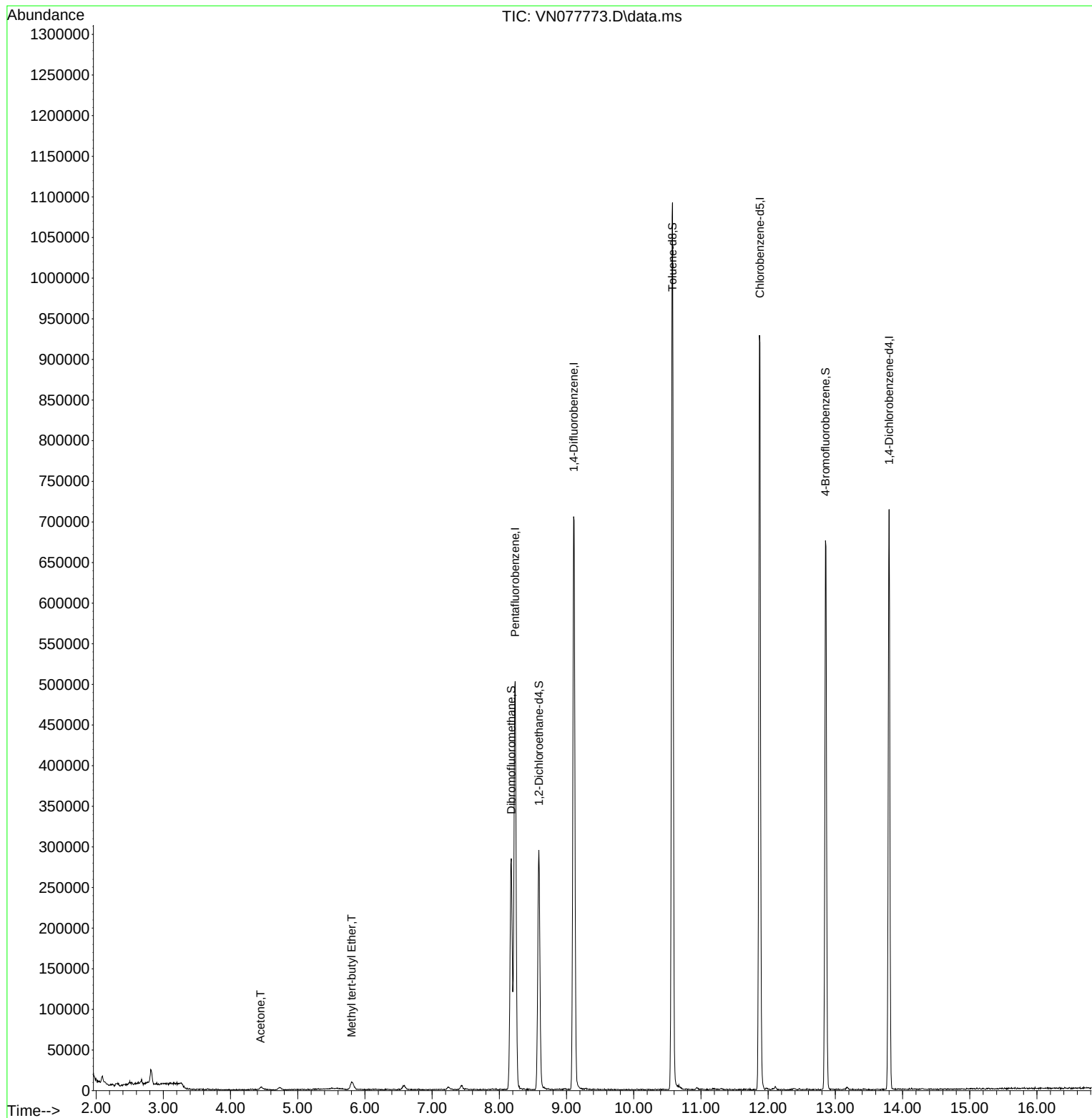
Internal Standards						
1) Pentafluorobenzene	8.236	168	368310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	565904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	191088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	241580	43.837	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.680%
35) Dibromofluoromethane	8.177	113	205358	47.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	10.577	98	794474	48.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.853	95	251835	43.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.560%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	4682	2.700	ug/l #	72
19) Methyl tert-butyl Ether	5.800	73	15334	1.094	ug/l	98

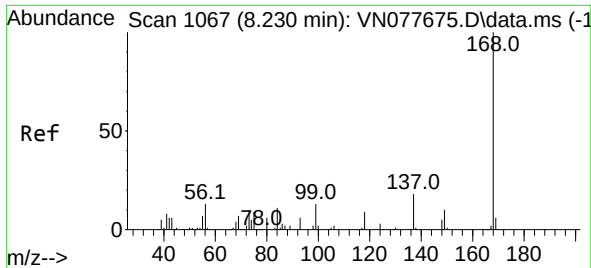
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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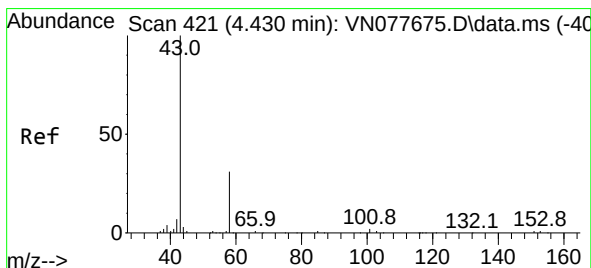
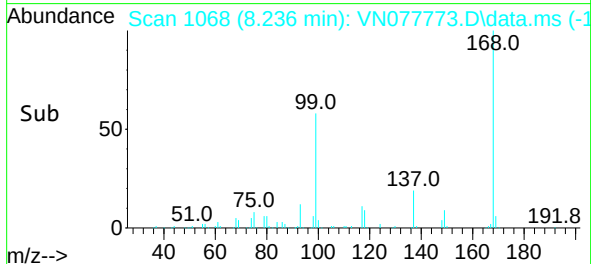
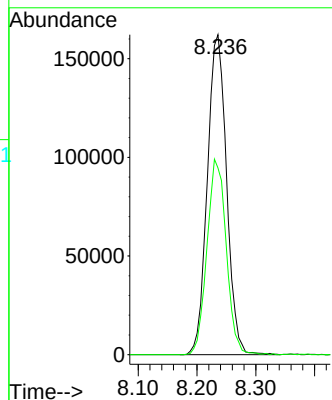
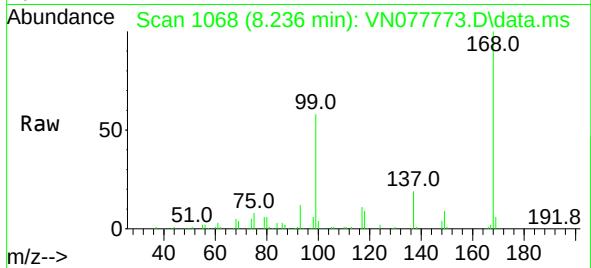




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

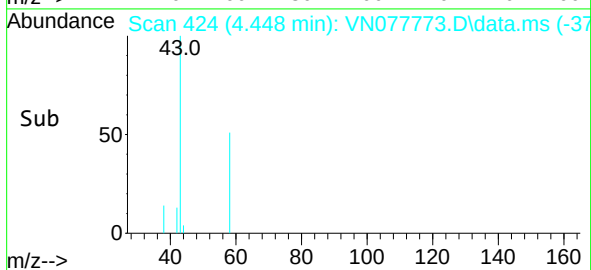
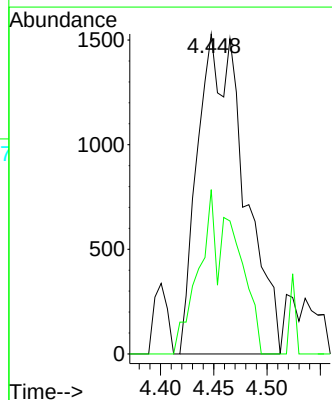
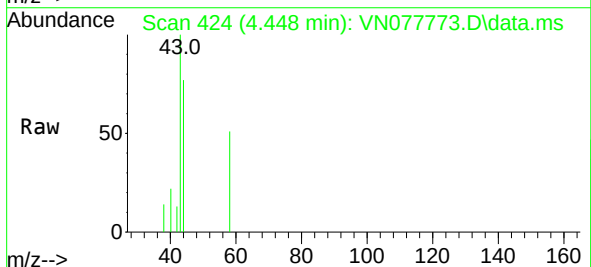
Instrument :
MSVOA_N
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BP-VPB-RW11-GW-258-260

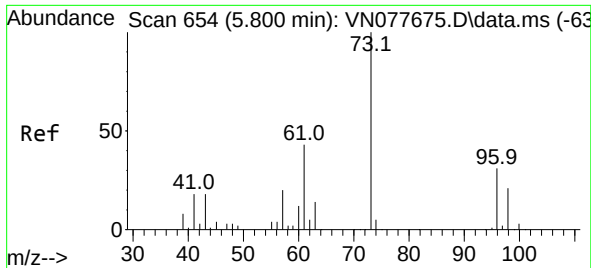
Tgt Ion:168 Resp: 368310
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#16
Acetone
Concen: 2.700 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
58 51.3 28.0 42.0#

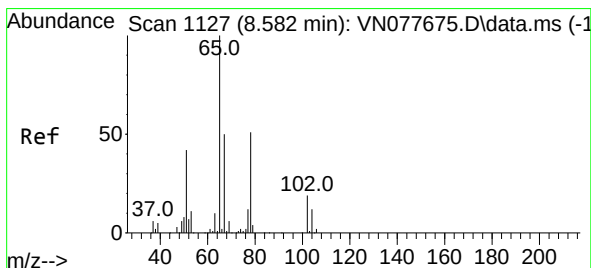
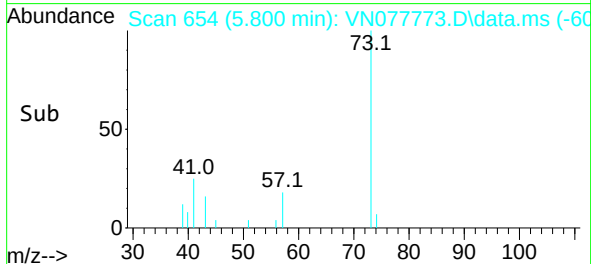
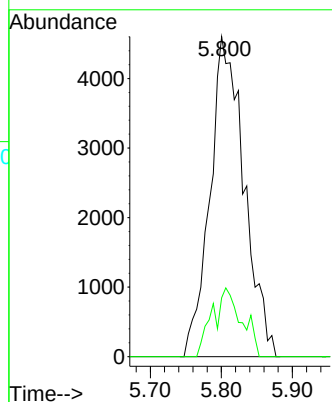
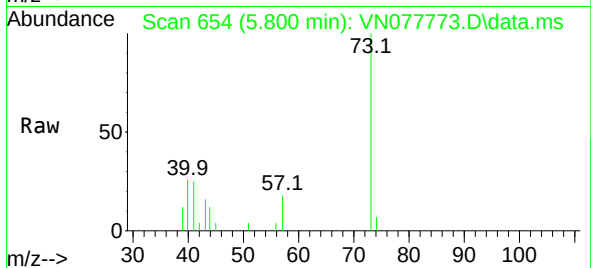




#19
Methyl tert-butyl Ether
Concen: 1.094 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

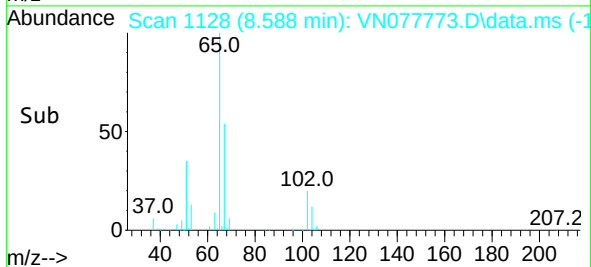
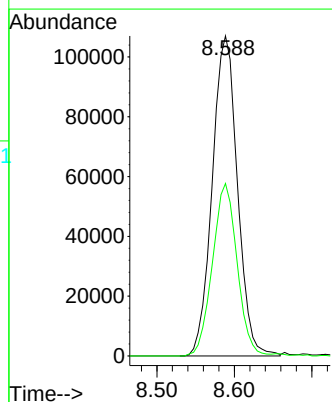
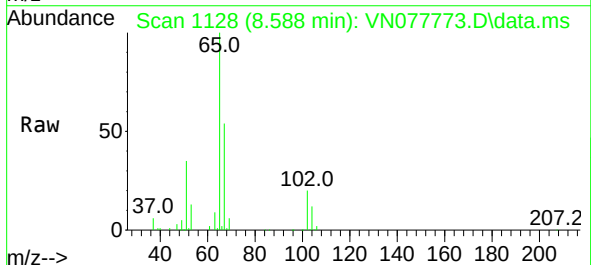
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-258-260

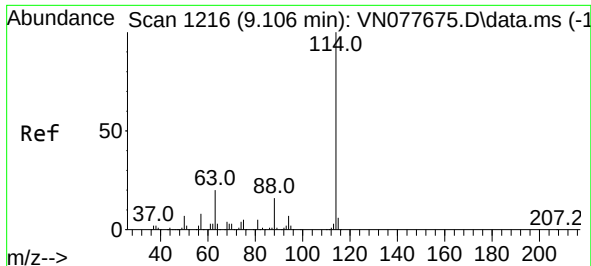
Tgt Ion: 73 Resp: 15334
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4



#33
1,2-Dichloroethane-d4
Concen: 43.837 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

Tgt Ion: 65 Resp: 241580
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

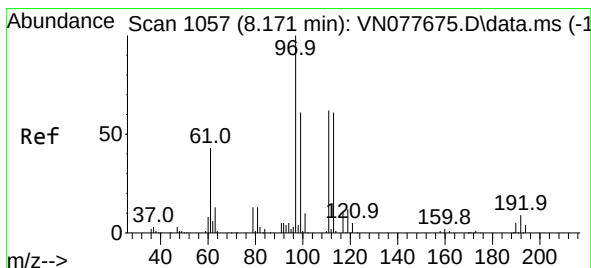
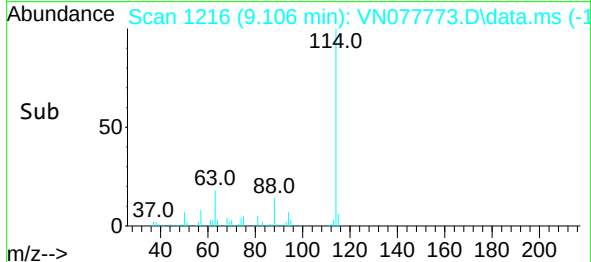
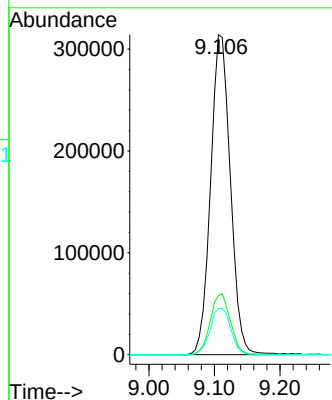
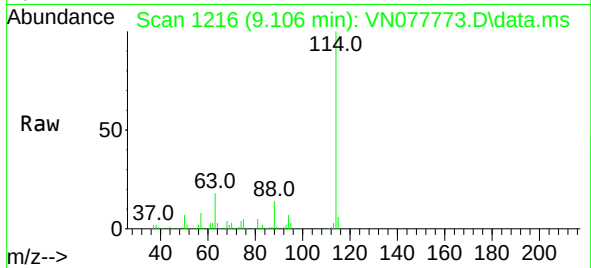




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

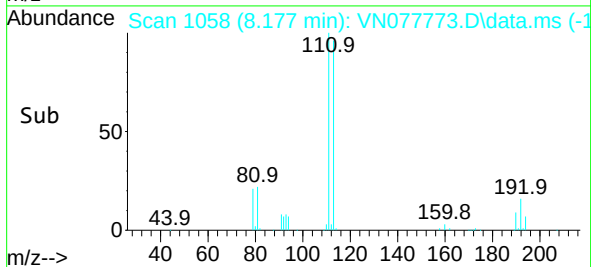
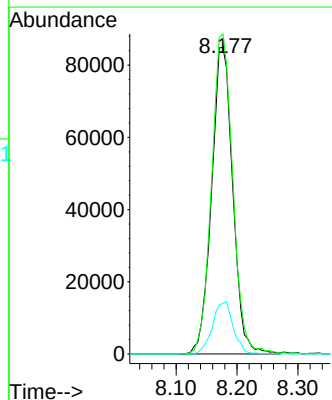
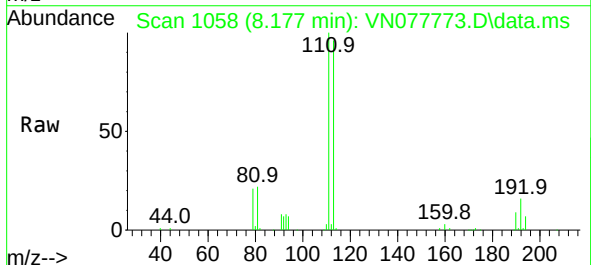
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-258-260

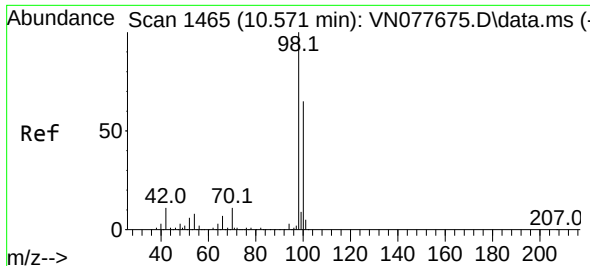
Tgt Ion:114 Resp: 656347
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

Tgt Ion:113 Resp: 205358
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 16.6 12.7 19.1

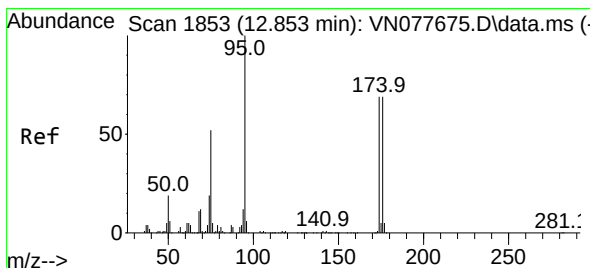
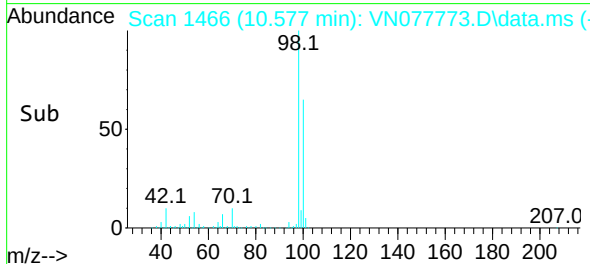
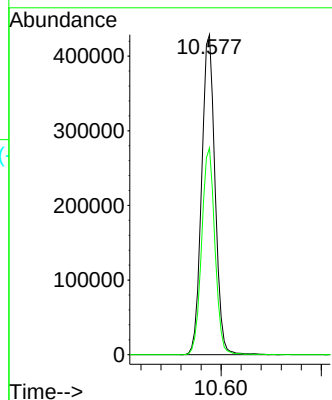
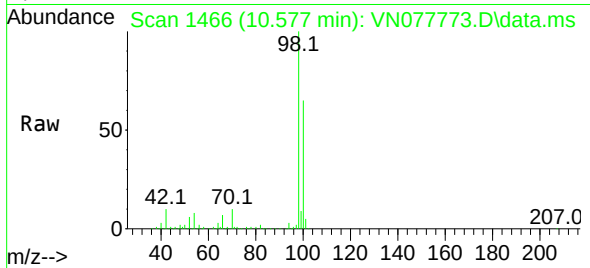




#50
Toluene-d8
Concen: 48.226 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

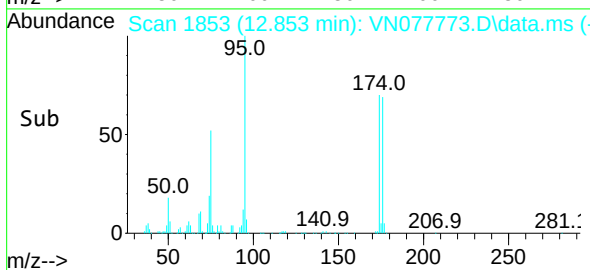
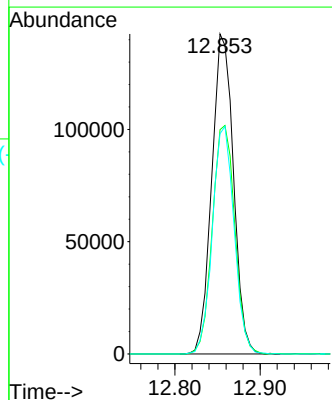
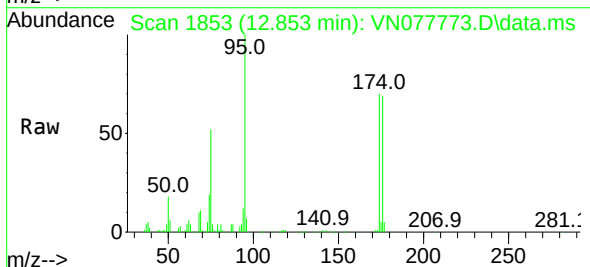
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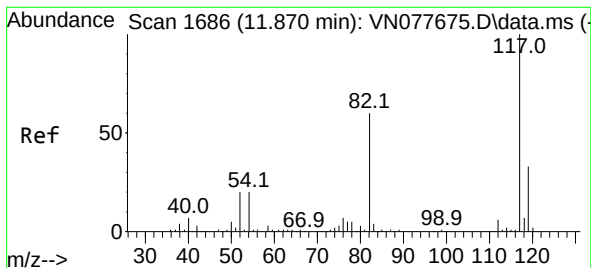
Tgt Ion: 98 Resp: 794474
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077773.D
Acq: 19 May 2023 18:46

Tgt Ion: 95 Resp: 251835
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.2 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: VN077773.D

Acq: 19 May 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-258-260

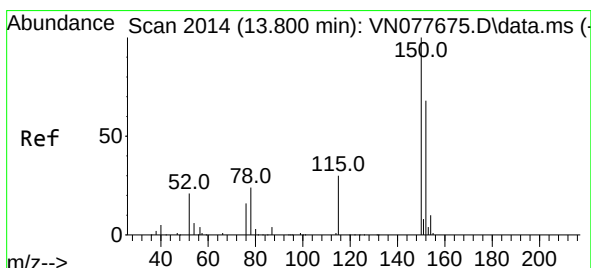
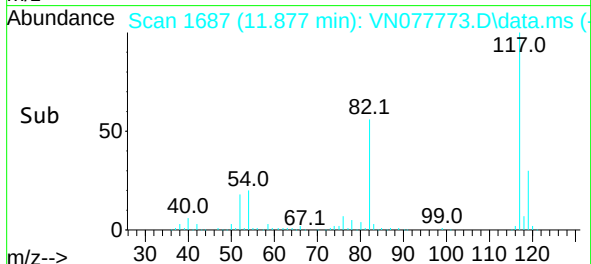
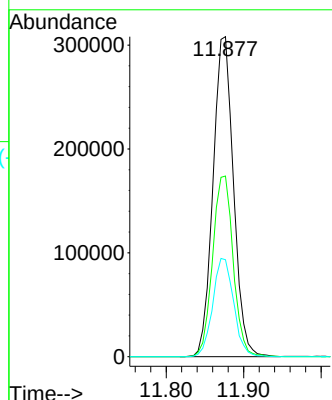
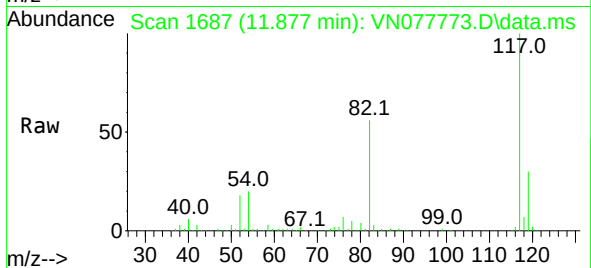
Tgt Ion:117 Resp: 565904

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 30.3 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: VN077773.D

Acq: 19 May 2023 18:46

Tgt Ion:152 Resp: 191088

Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

150 158.1 0.0 355.8

