

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077766.D
 Acq On : 19 May 2023 16:00
 Operator : JC\MD
 Sample : 02862-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-58-60

Quant Time: May 19 23:55:50 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)

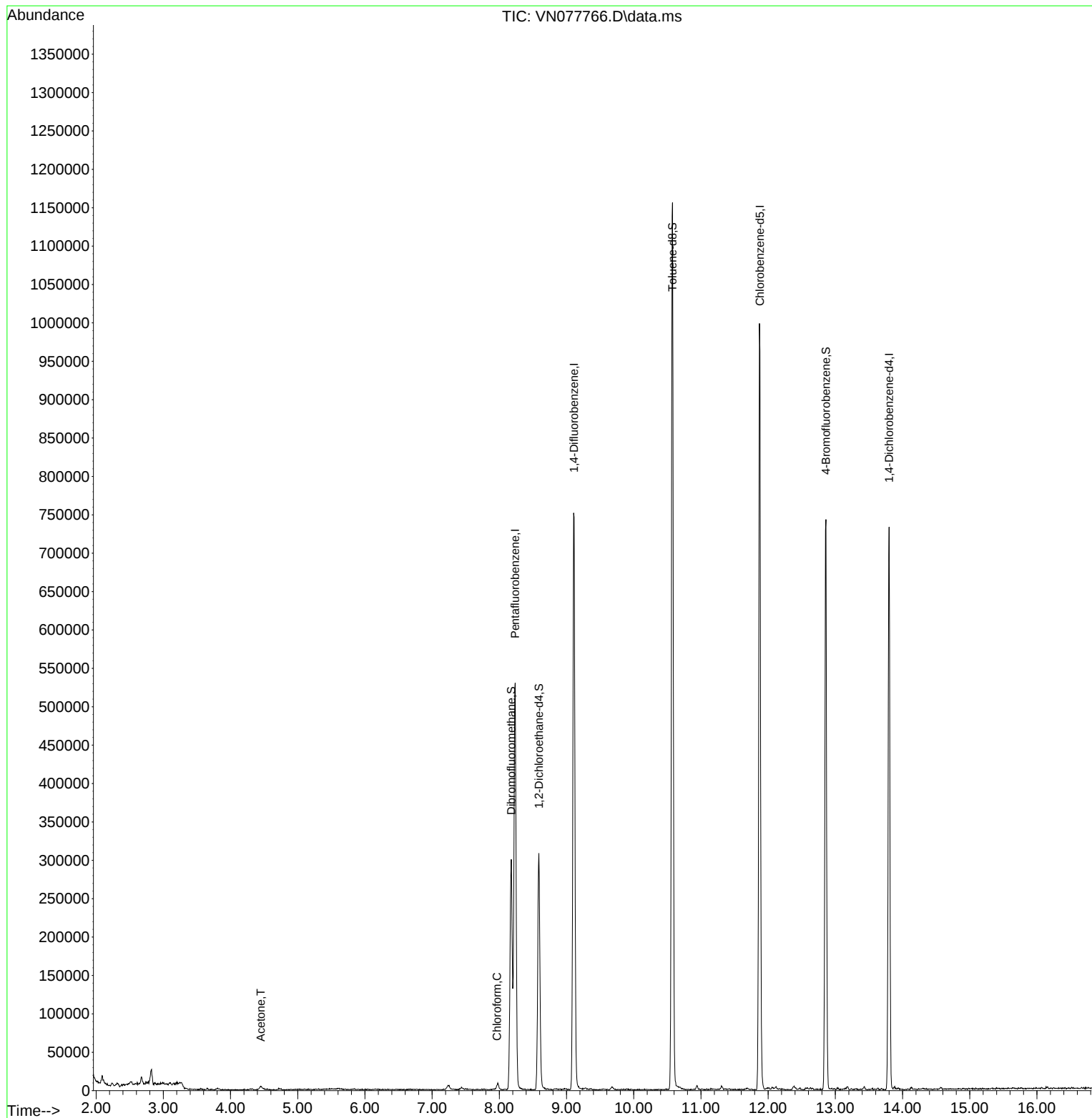
Internal Standards						
1) Pentafluorobenzene	8.236	168	383157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	680464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	595374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251401	43.851	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.700%		
35) Dibromofluoromethane	8.177	113	216310	48.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	10.577	98	844017	49.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	12.859	95	269478	44.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.340%		
Target Compounds						
16) Acetone	4.448	43	7450	4.130	ug/l	94
30) Chloroform	7.965	83	7532	0.805	ug/l #	63

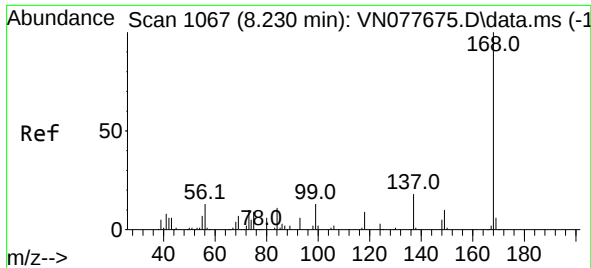
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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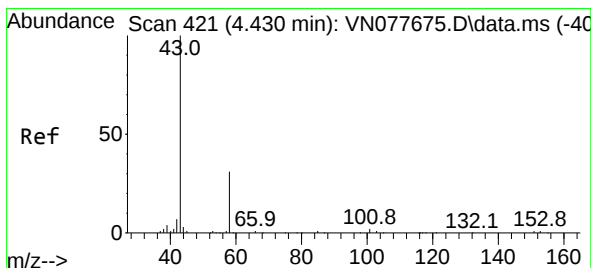
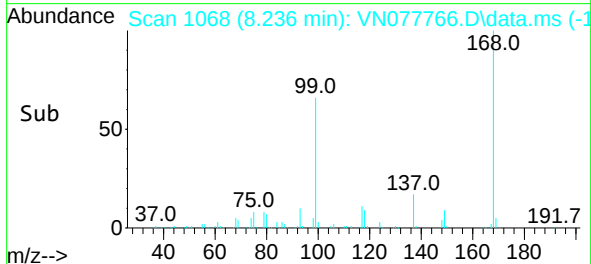
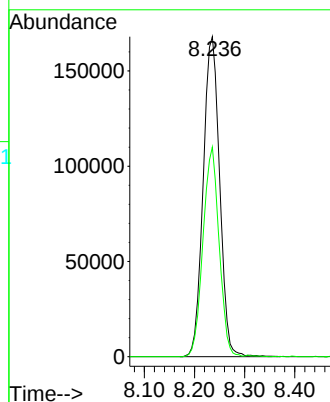
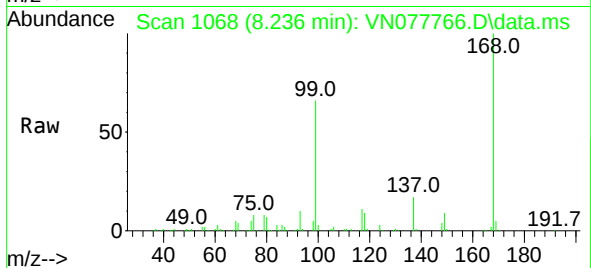




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

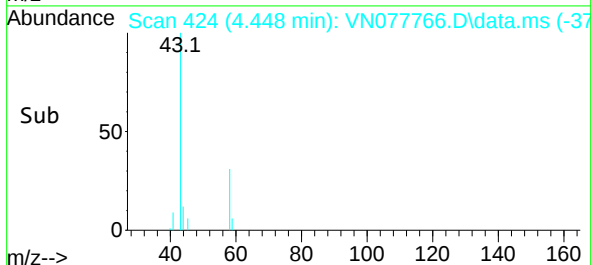
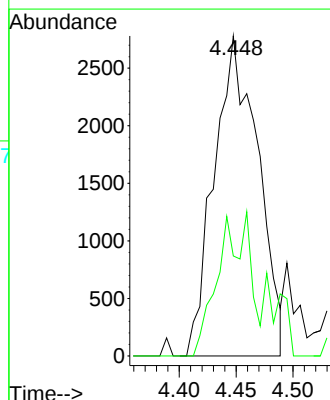
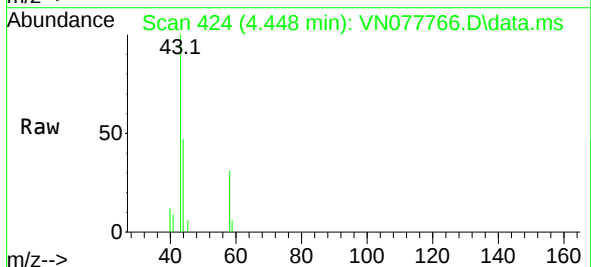
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-58-60

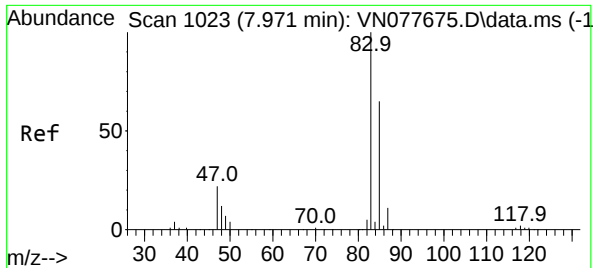
Tgt Ion:168 Resp: 383157
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#16
Acetone
Concen: 4.130 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

Tgt Ion: 43 Resp: 7450
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

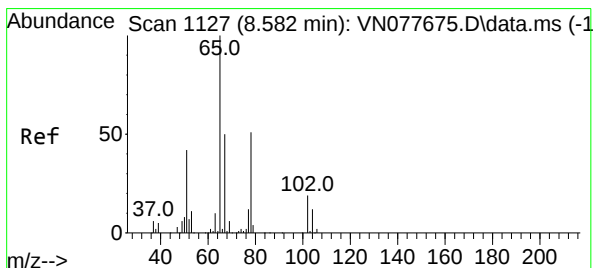
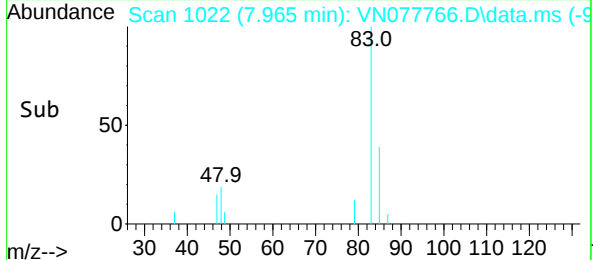
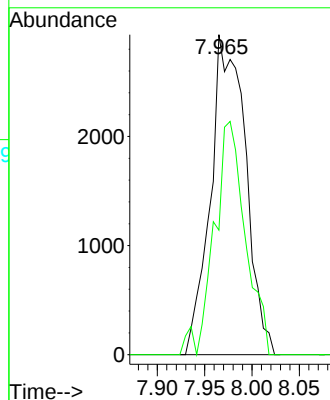
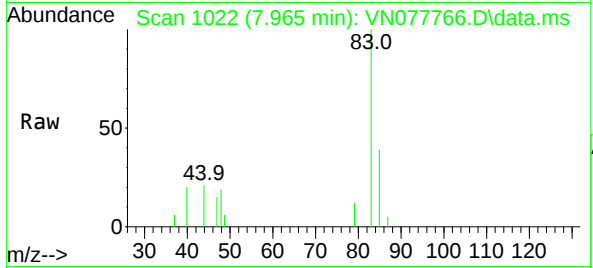




#30
Chloroform
Concen: 0.805 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

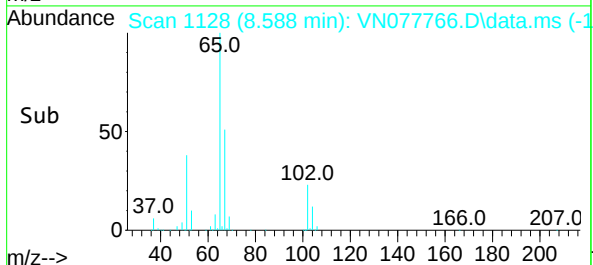
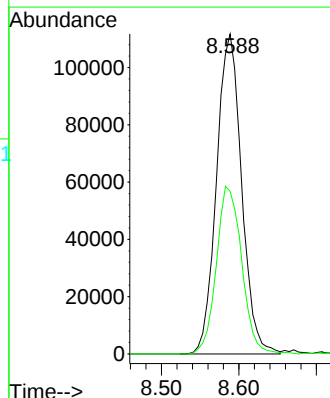
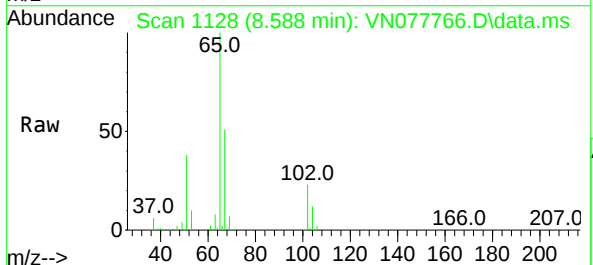
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-58-60

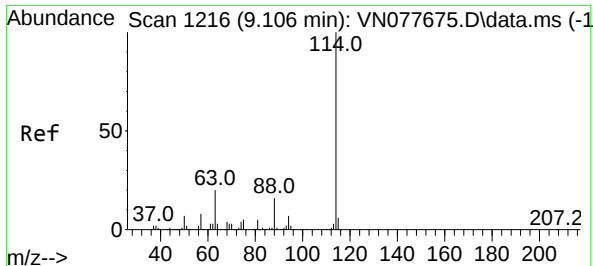
Tgt Ion: 83 Resp: 7532
Ion Ratio Lower Upper
83 100
85 38.9 55.4 83.0#



#33
1,2-Dichloroethane-d4
Concen: 43.851 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

Tgt Ion: 65 Resp: 251401
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

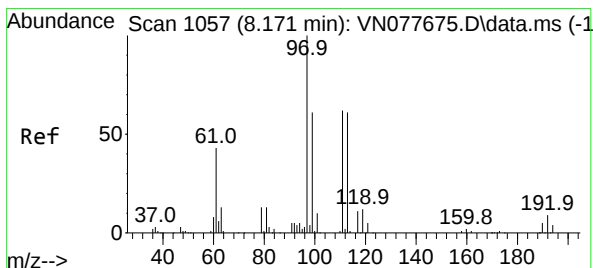
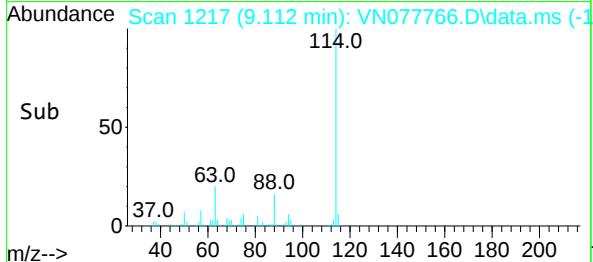
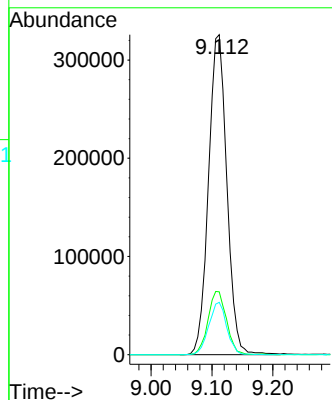
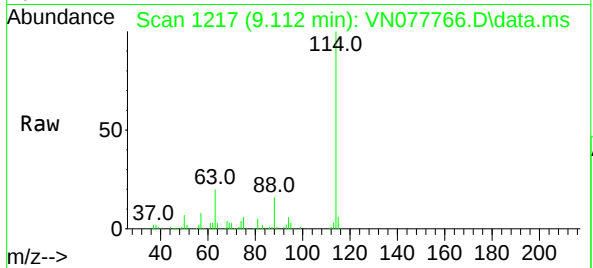




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

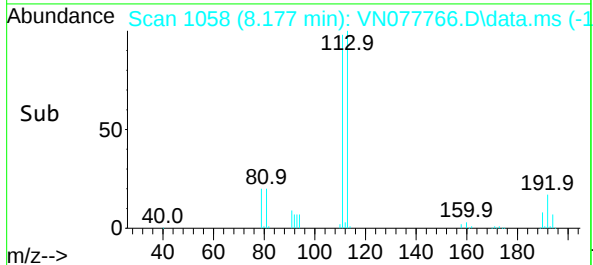
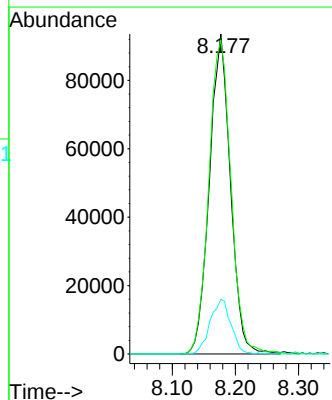
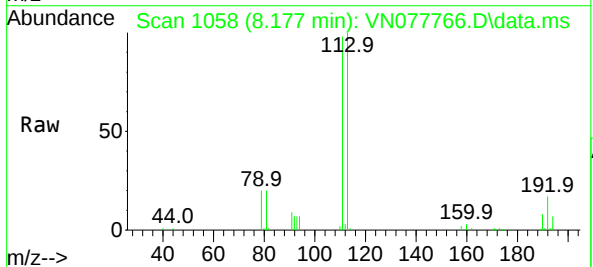
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-58-60

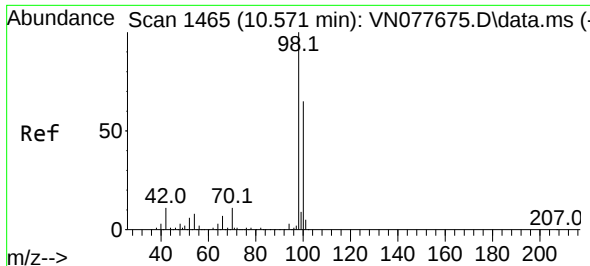
Tgt Ion:114 Resp: 680464
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.749 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

Tgt Ion:113 Resp: 216310
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.9 12.7 19.1

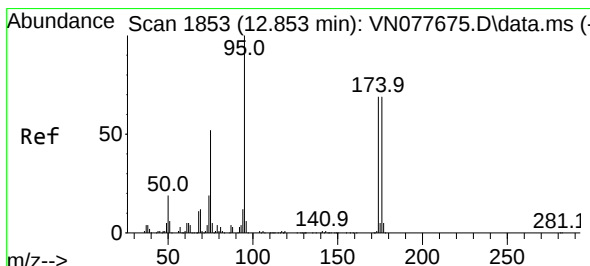
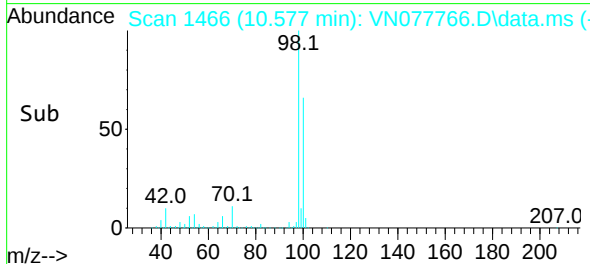
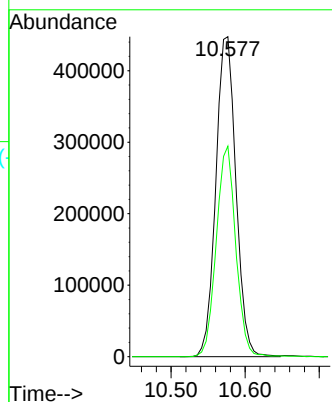
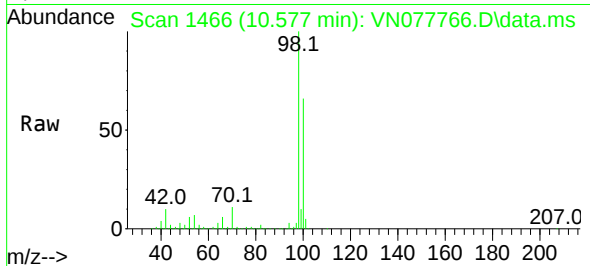




#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

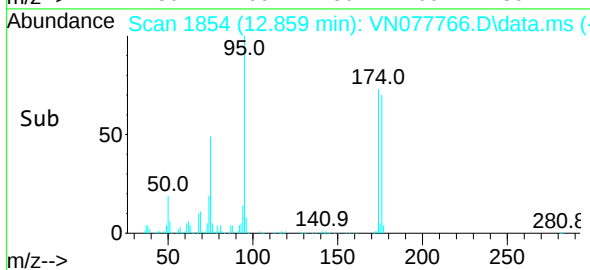
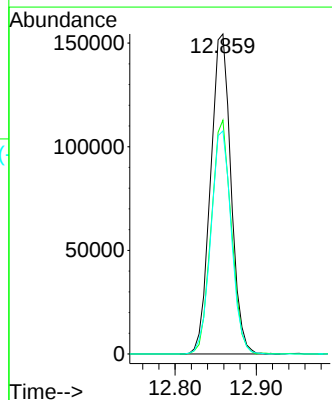
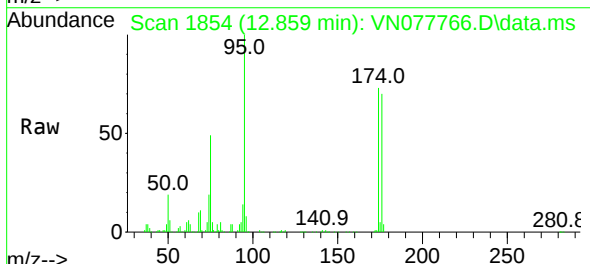
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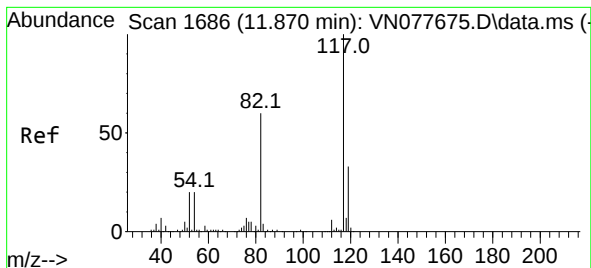
Tgt Ion: 98 Resp: 844017
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077766.D
Acq: 19 May 2023 16:00

Tgt Ion: 95 Resp: 269478
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 69.9 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: VN077766.D

Acq: 19 May 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-58-60

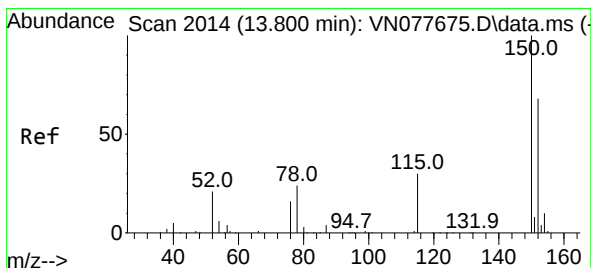
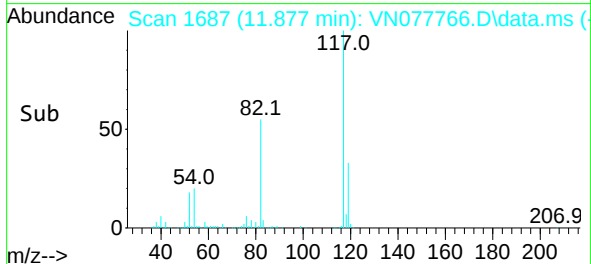
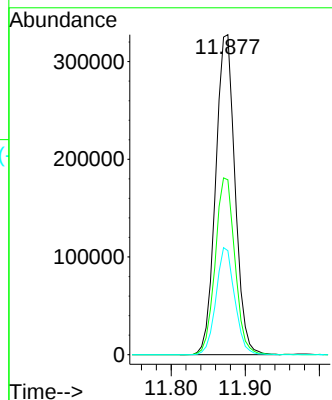
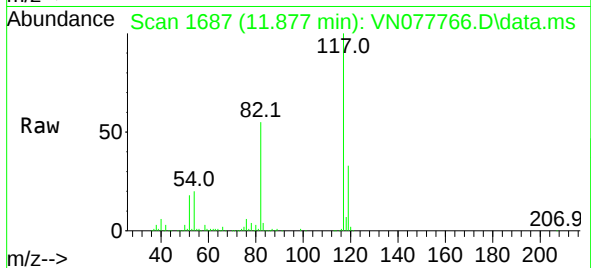
Tgt Ion:117 Resp: 595374

Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

119 32.5 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: VN077766.D

Acq: 19 May 2023 16:00

Tgt Ion:152 Resp: 203520

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 156.9 0.0 355.8

