

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077903.D
 Acq On : 25 May 2023 15:38
 Operator : JC\MD
 Sample : 02944-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-EB-20230524

Quant Time: May 26 04:33:18 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)

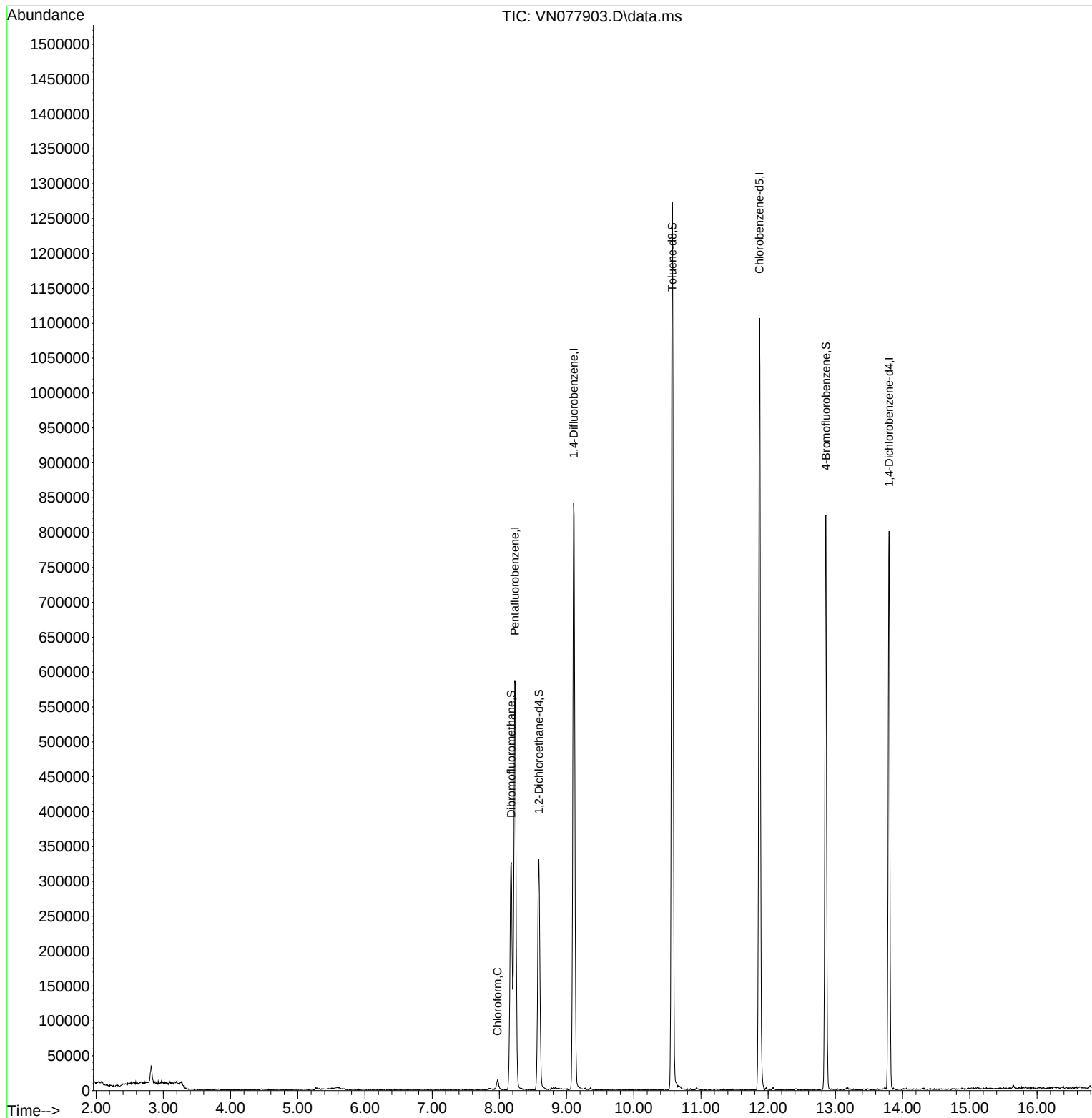
Internal Standards						
1) Pentafluorobenzene	8.230	168	417000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	773345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	667155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	280740	44.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.980%
35) Dibromofluoromethane	8.177	113	239671	47.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	10.571	98	936366	48.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.859	95	308618	45.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
30) Chloroform	7.971	83	12525	1.231	ug/l	Qvalue # 79

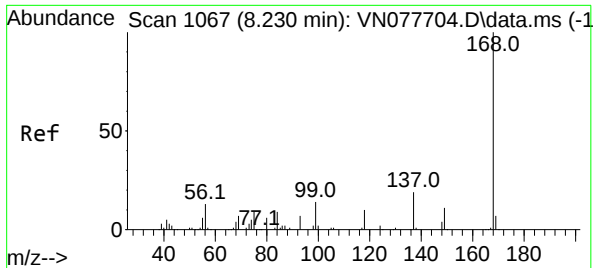
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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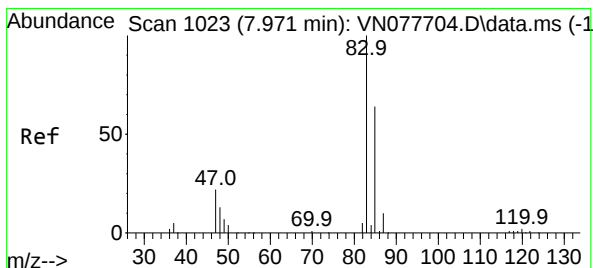
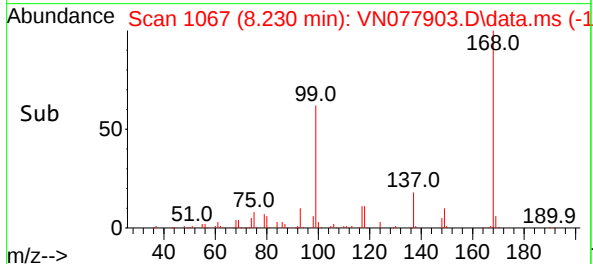
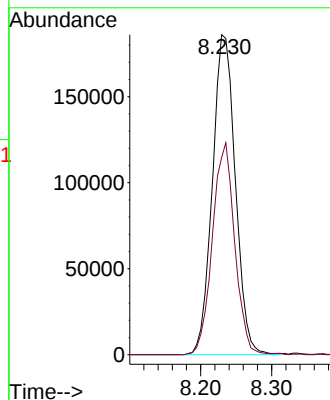
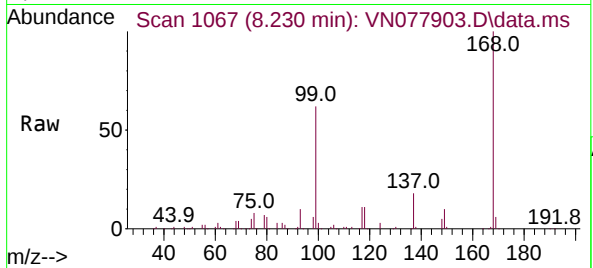




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

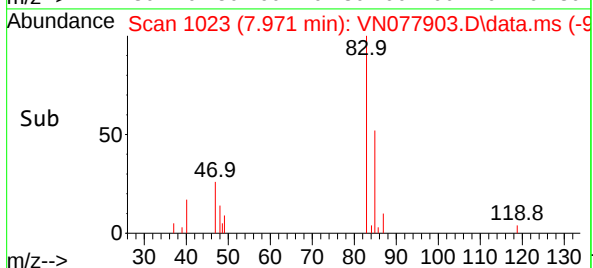
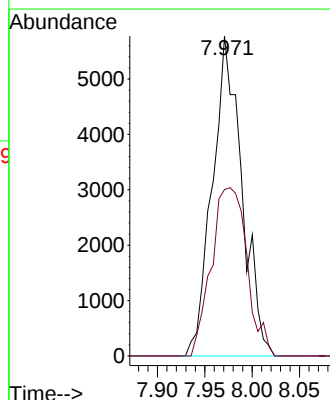
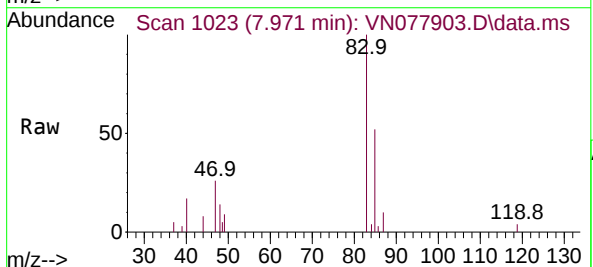
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-EB-20230524

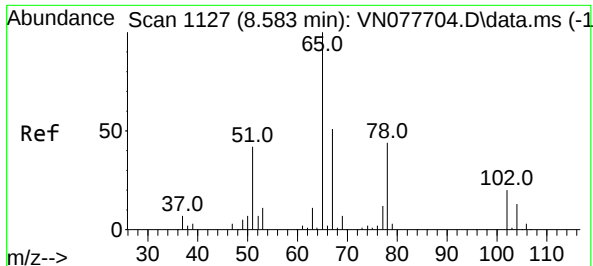
Tgt Ion:168 Resp: 417000
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#30
Chloroform
Concen: 1.231 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

Tgt Ion: 83 Resp: 12525
Ion Ratio Lower Upper
83 100
85 52.0 55.4 83.0#

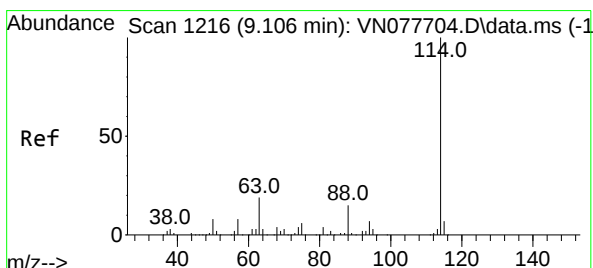
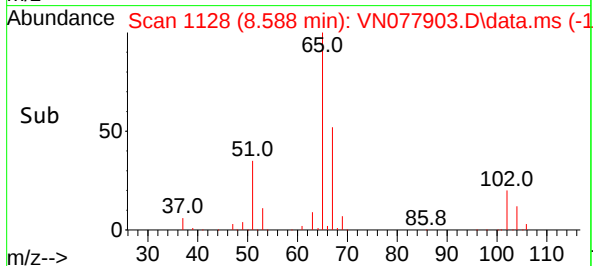
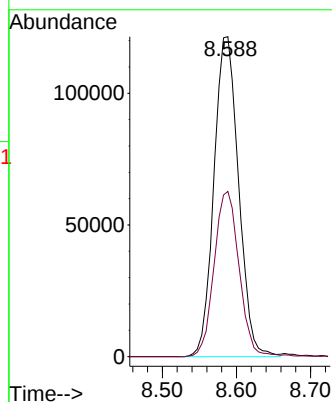
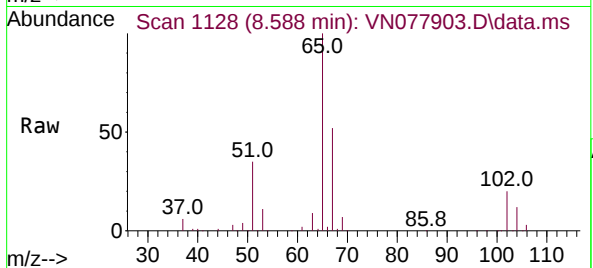




#33
1,2-Dichloroethane-d4
Concen: 44.995 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

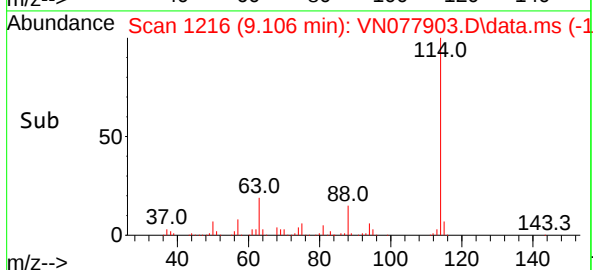
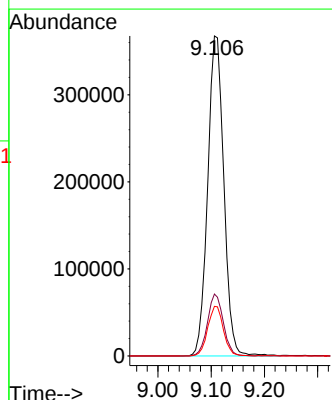
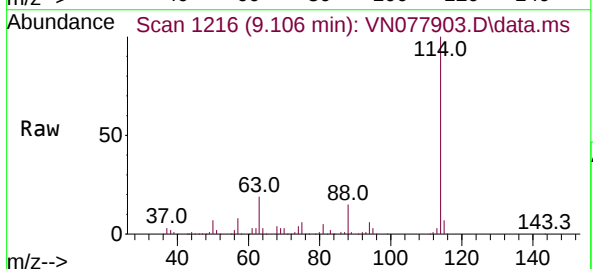
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-EB-20230524

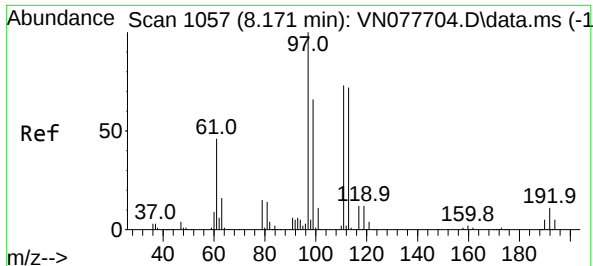
Tgt Ion: 65 Resp: 280740
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

Tgt Ion: 114 Resp: 773345
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.526 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077903.D

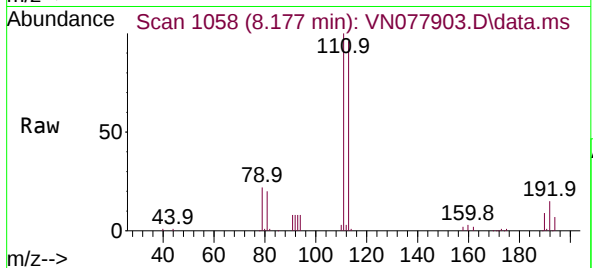
Acq: 25 May 2023 15:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-EB-20230524



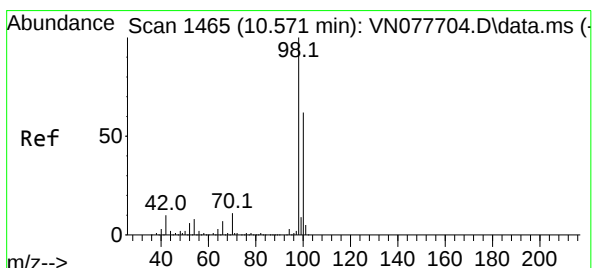
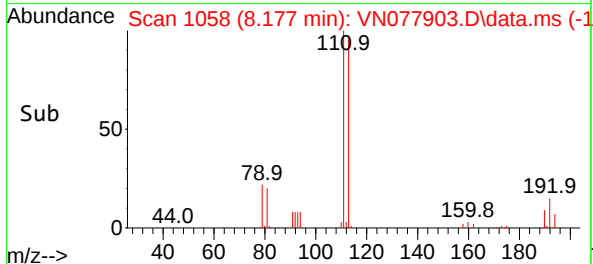
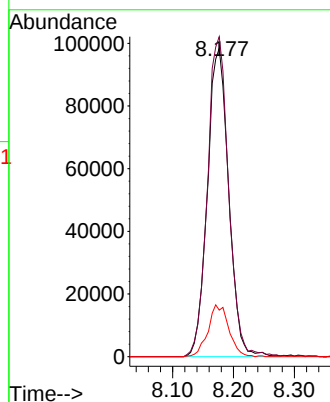
Tgt Ion:113 Resp: 239671

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.4 12.7 19.1



#50

Toluene-d8

Concen: 48.240 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077903.D

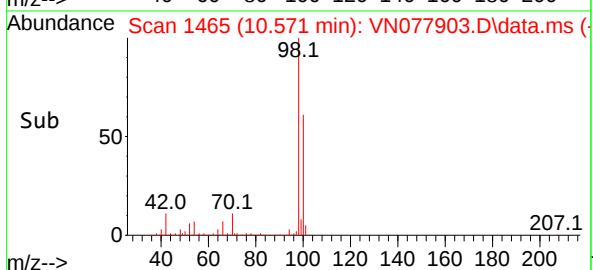
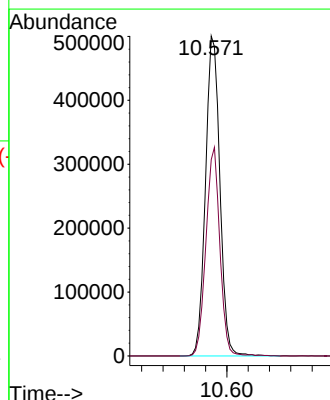
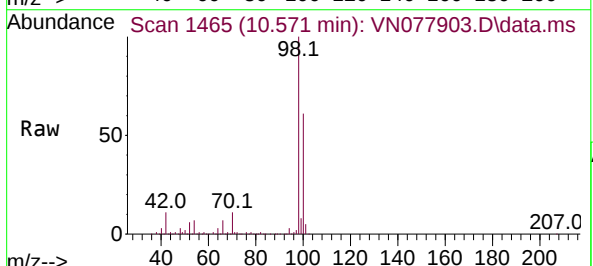
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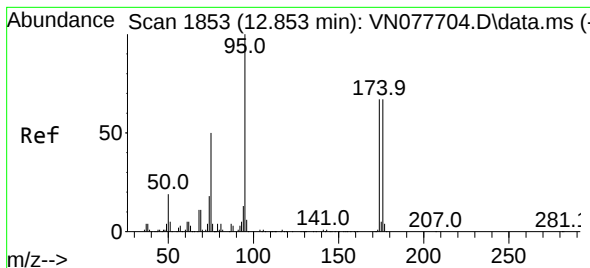
Tgt Ion: 98 Resp: 936366

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0

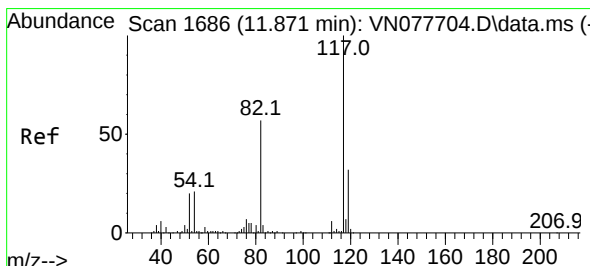
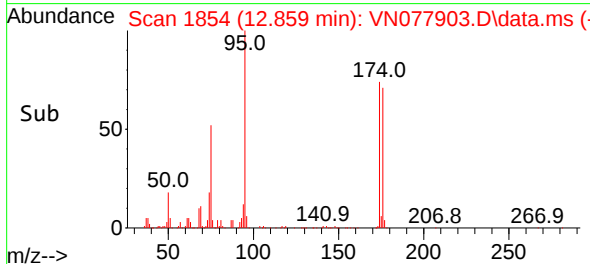
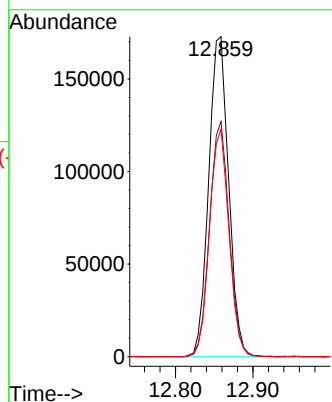
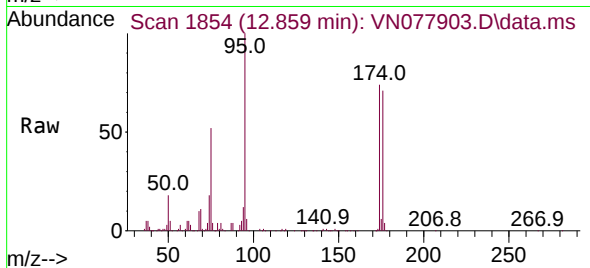




#62
4-Bromofluorobenzene
Concen: 45.018 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

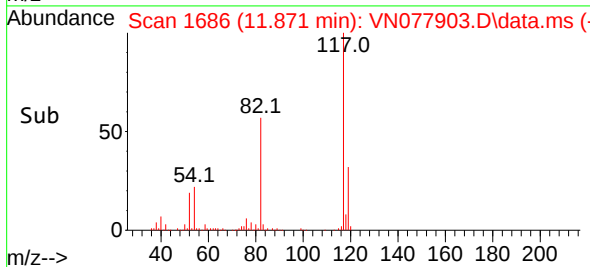
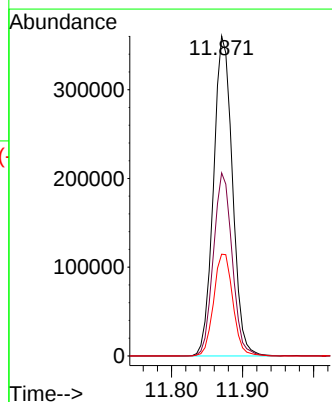
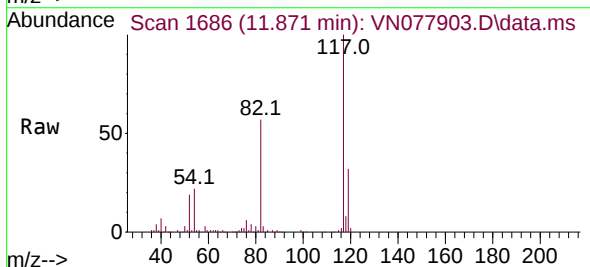
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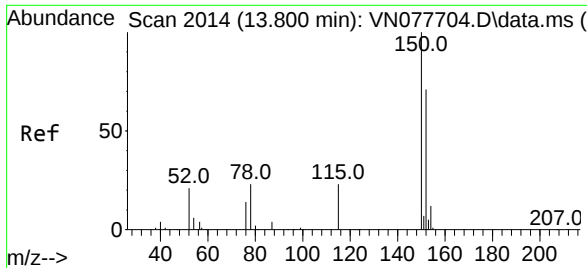
Tgt Ion: 95 Resp: 308618
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 69.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077903.D
Acq: 25 May 2023 15:38

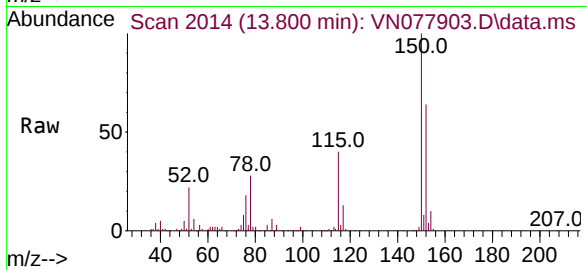
Tgt Ion: 117 Resp: 667155
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077903.D
 Acq: 25 May 2023 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-EB-20230524



Tgt Ion:152 Resp: 213859
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 157.6 0.0 355.8

