

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077548.D
 Acq On : 01 May 2023 17:36
 Operator : JC\MD
 Sample : 02547-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-RW10-MW01S-GW-20230427

Quant Time: May 01 22:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

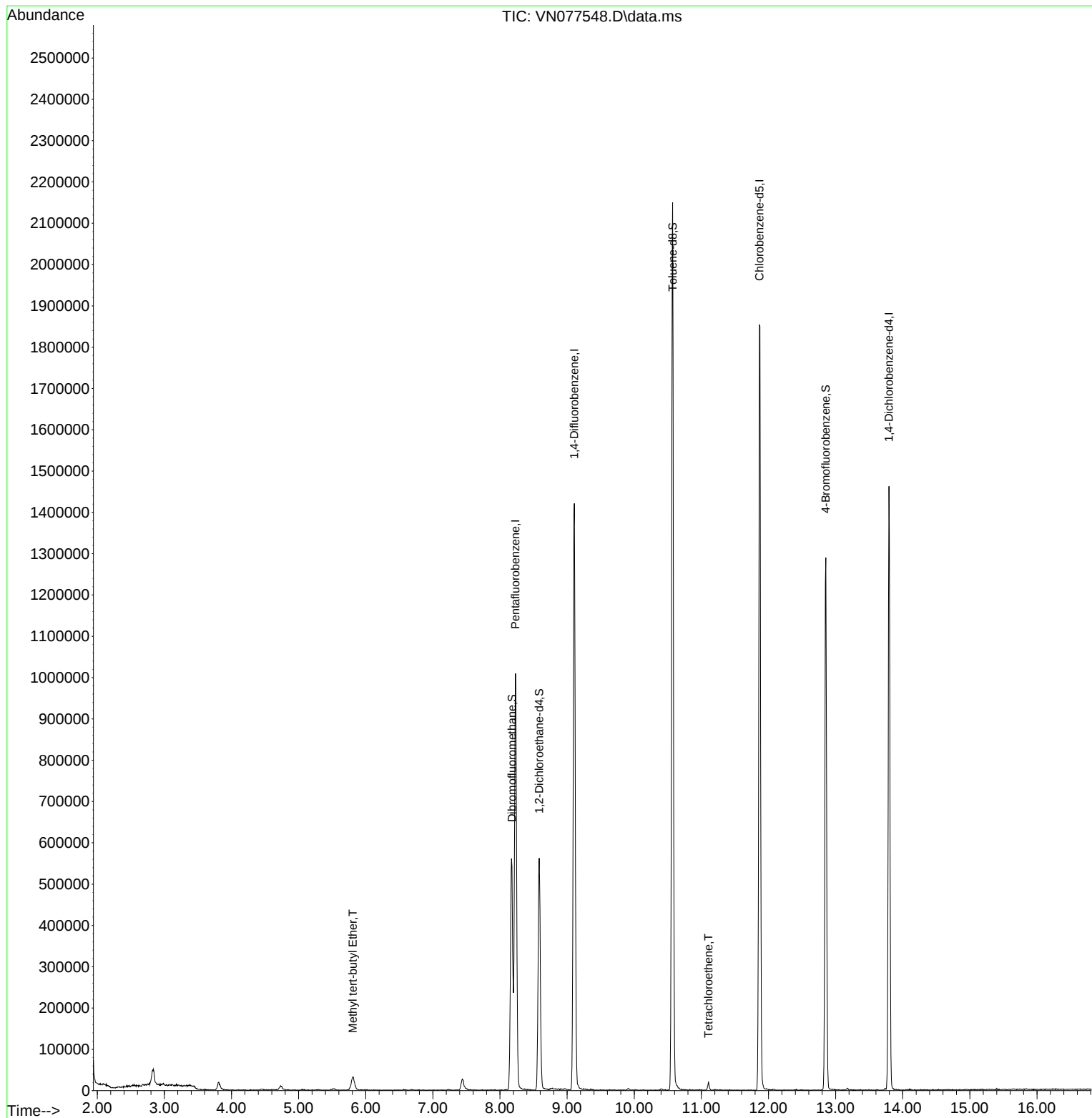
Internal Standards						
1) Pentafluorobenzene	8.230	168	711709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1312740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1162138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	397780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	471065	50.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.440%
35) Dibromofluoromethane	8.178	113	415613	52.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.360%
50) Toluene-d8	10.571	98	1579394	52.229	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.854	95	479852	48.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.807	73	57104	2.162	ug/l	96
64) Tetrachloroethene	11.107	164	3094	0.445	ug/l #	50

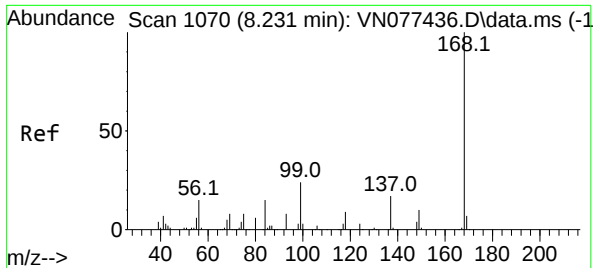
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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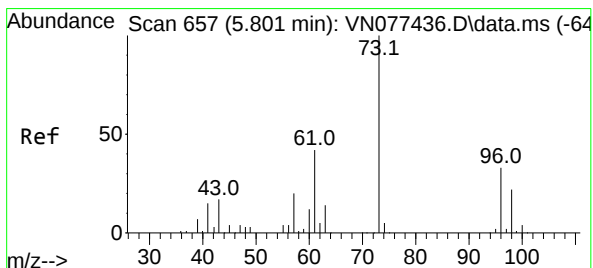
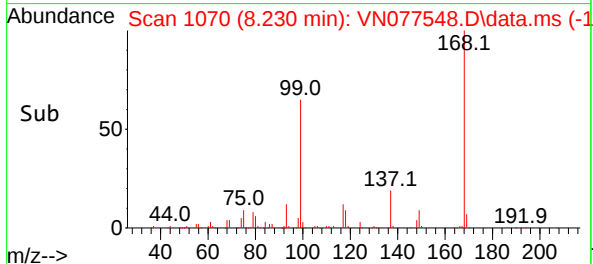
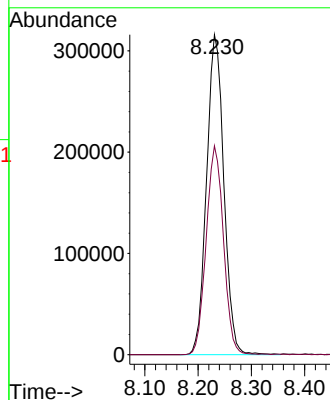
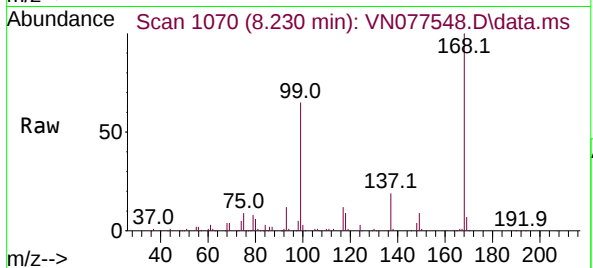




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077548.D
Acq: 01 May 2023 17:36

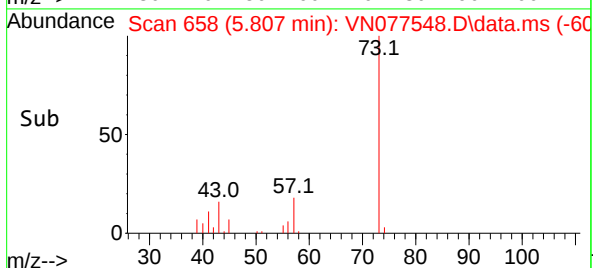
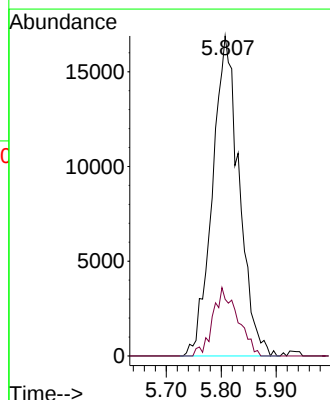
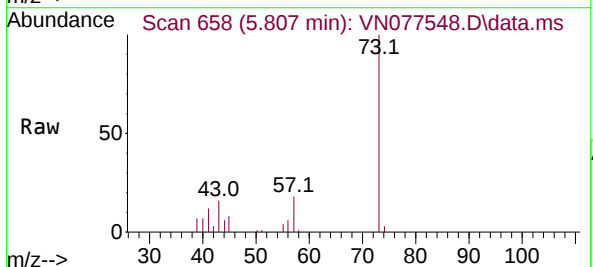
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

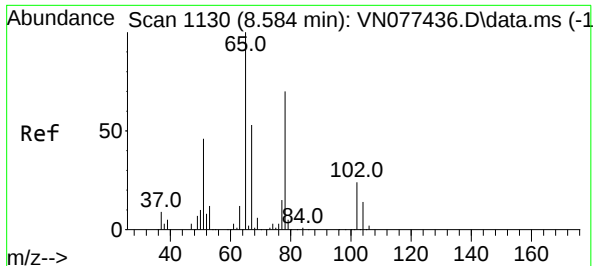
Tgt Ion:168 Resp: 711709
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#19
Methyl tert-butyl Ether
Concen: 2.162 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077548.D
Acq: 01 May 2023 17:36

Tgt Ion: 73 Resp: 57104
Ion Ratio Lower Upper
73 100
57 17.7 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 50.723 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077548.D

Acq: 01 May 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

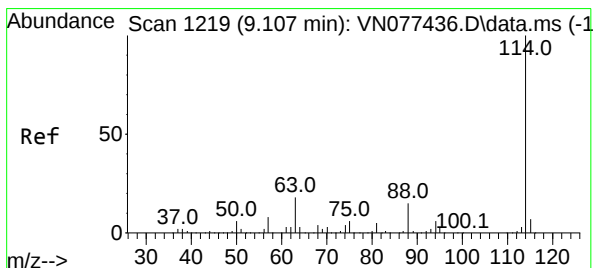
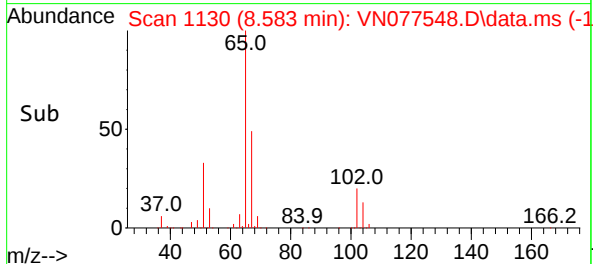
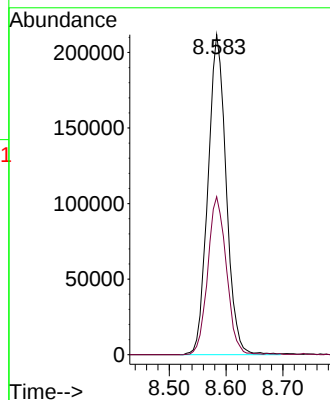
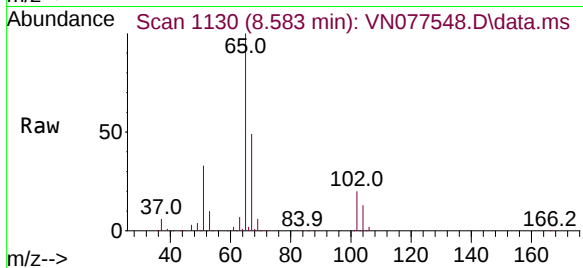
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion: 65 Resp: 471065

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077548.D

Acq: 01 May 2023 17:36

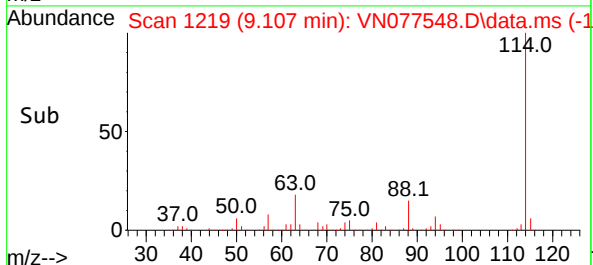
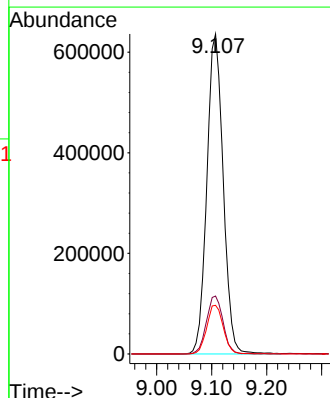
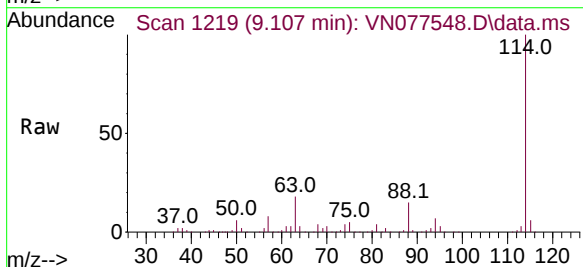
Tgt Ion: 114 Resp: 1312740

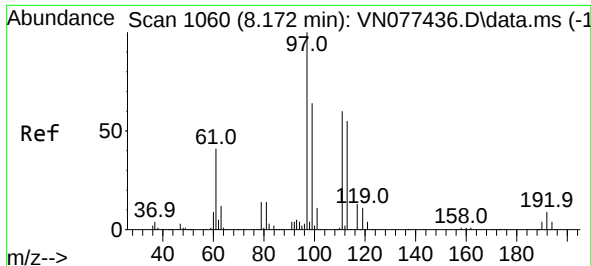
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.675 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077548.D

Acq: 01 May 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-RW10-MW01S-GW-20230427

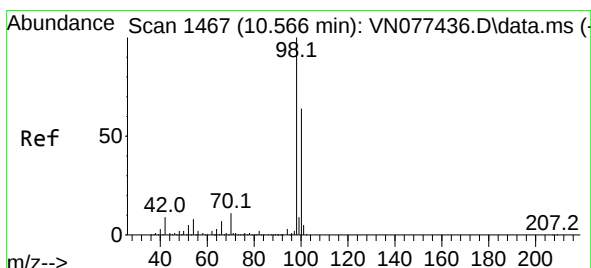
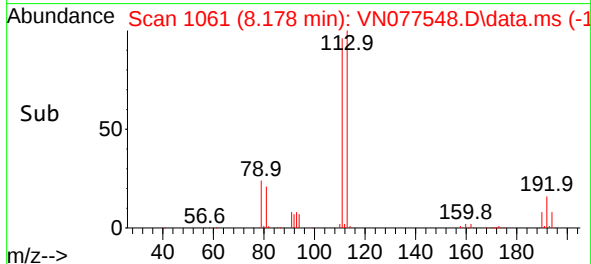
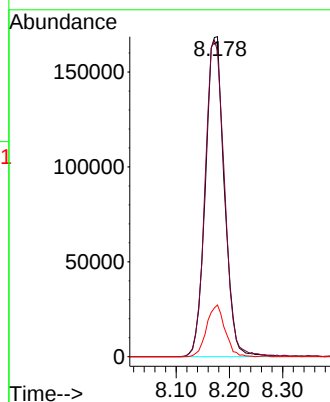
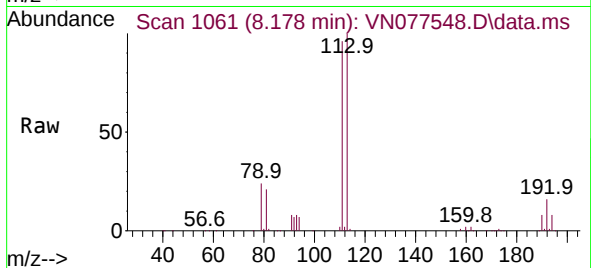
Tgt Ion:113 Resp: 415613

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 15.7 12.7 19.1



#50

Toluene-d8

Concen: 52.229 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077548.D

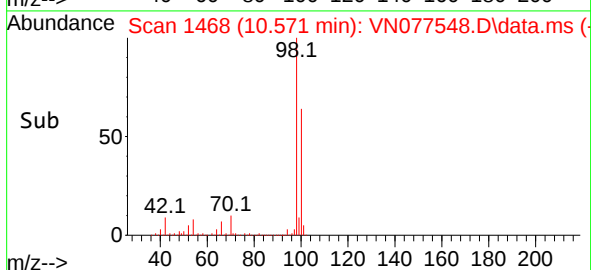
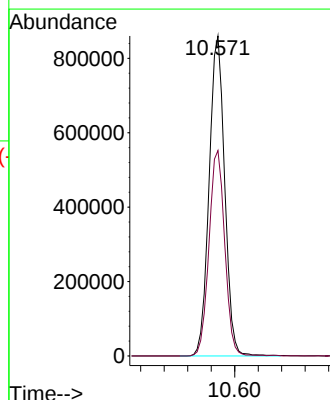
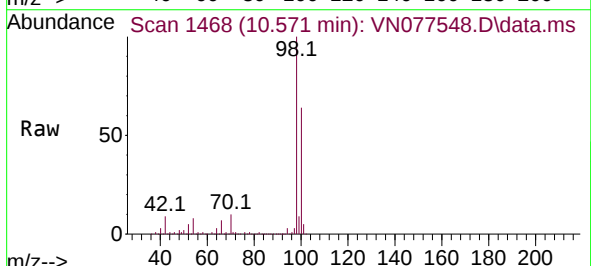
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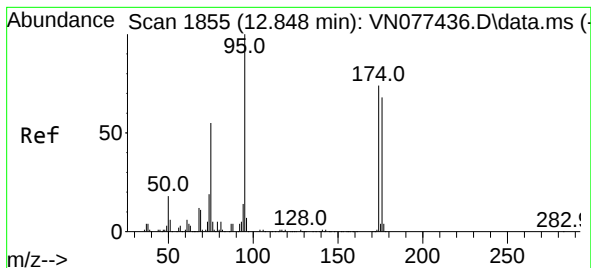
Tgt Ion: 98 Resp: 1579394

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

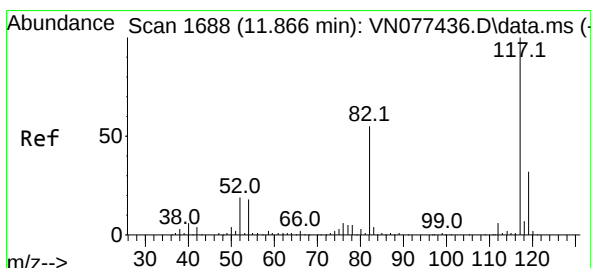
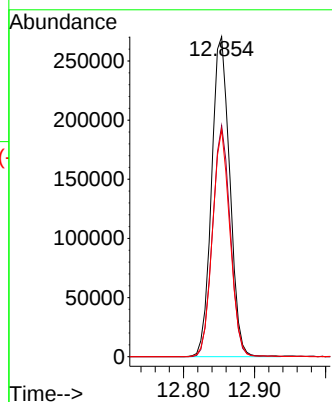
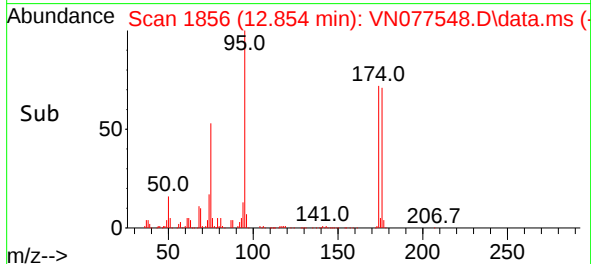
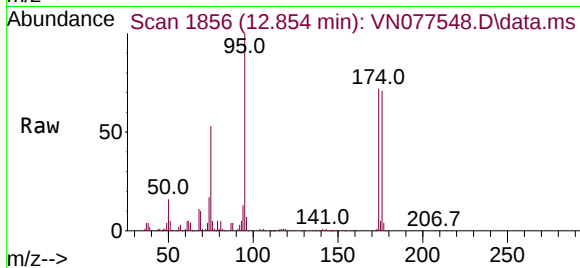




#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077548.D
Acq: 01 May 2023 17:36

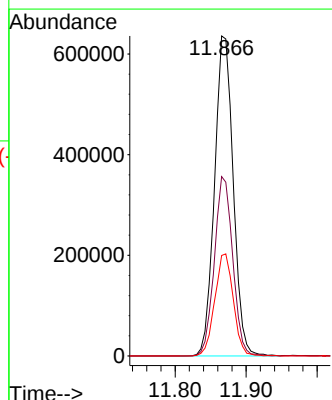
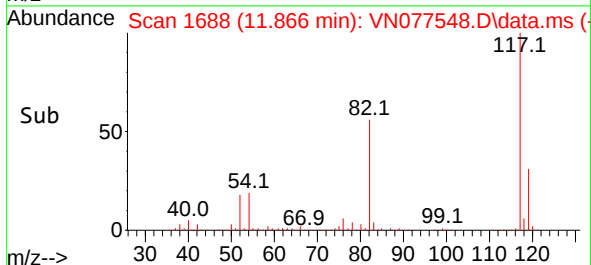
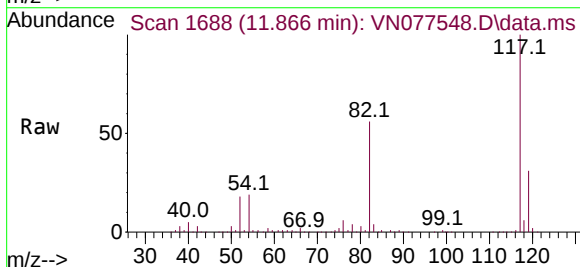
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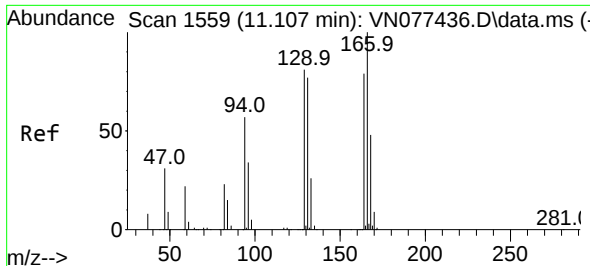
Tgt Ion: 95 Resp: 479852
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 68.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077548.D
Acq: 01 May 2023 17:36

Tgt Ion: 117 Resp: 1162138
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.4 25.6 38.4

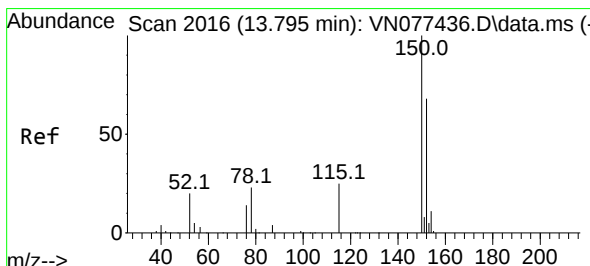
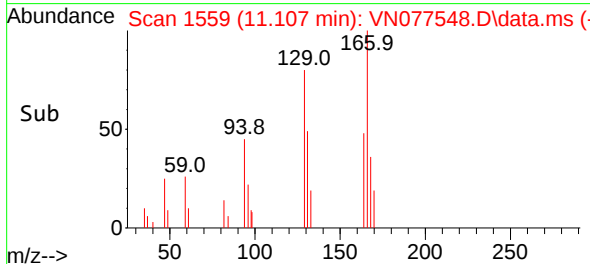
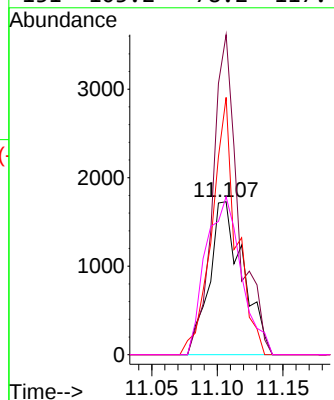
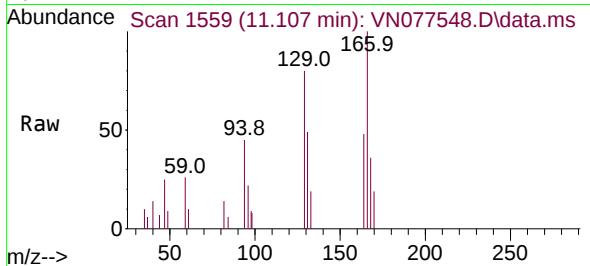




#64
Tetrachloroethene
Concen: 0.445 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077548.D
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ClientSampleId : BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:164	Resp:	3094
Ion Ratio	Lower	Upper
164	100	
166	209.1	101.4 152.0#
129	168.2	82.4 123.6#
131	103.2	78.2 117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077548.D
Acq: 01 May 2023 17:36

Tgt Ion:152	Resp:	397780
Ion Ratio	Lower	Upper
152	100	
115	64.4	32.3 96.8
150	156.4	0.0 355.8

