

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079792.D
 Acq On : 02 Nov 2023 13:12
 Operator : JC\MD
 Sample : 05173-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-150-152

Quant Time: Nov 02 13:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

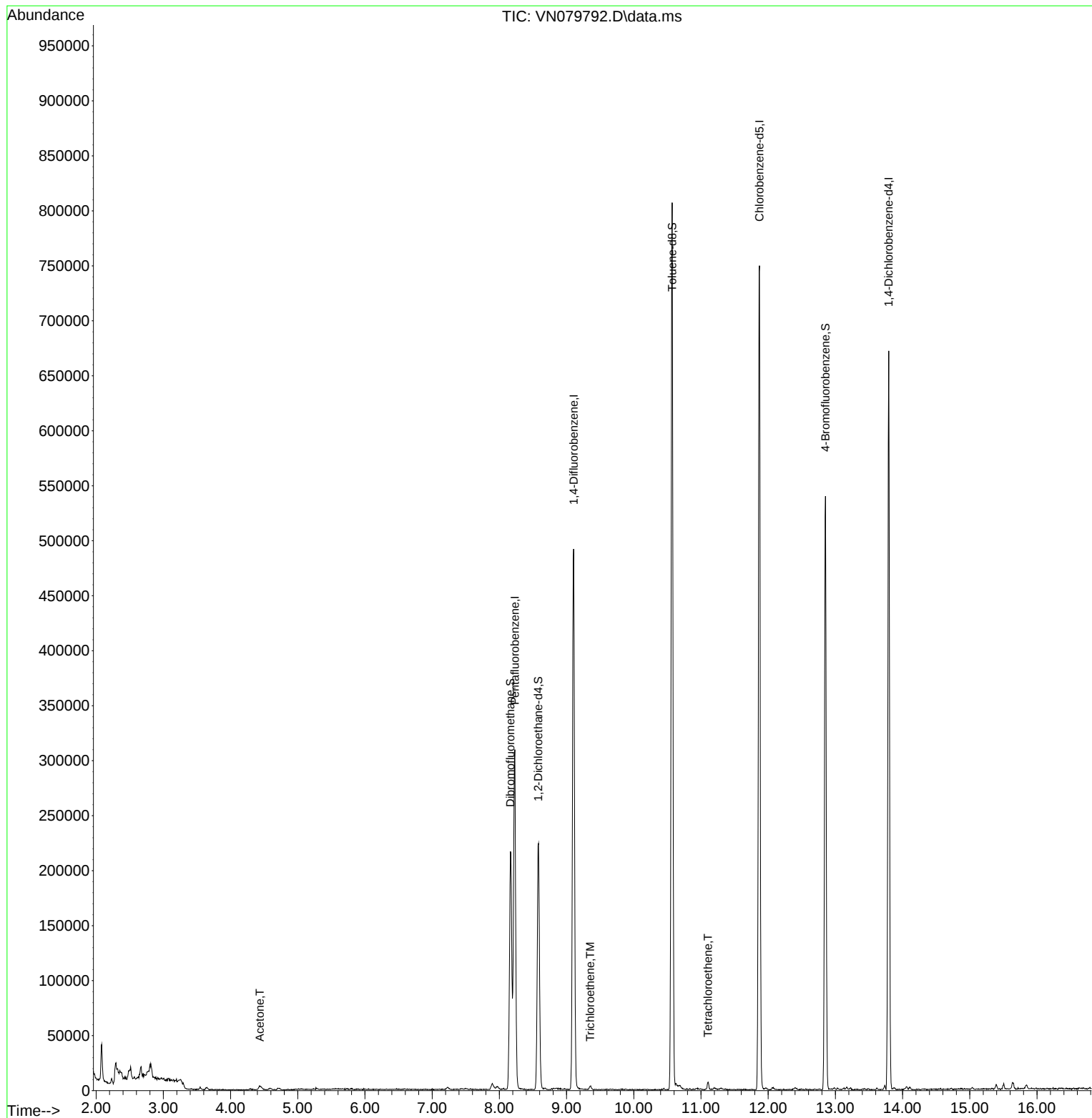
Internal Standards						
1) Pentafluorobenzene	8.230	168	214475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	425771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182924	55.981	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.960%
35) Dibromofluoromethane	8.165	113	154550	51.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.600%
50) Toluene-d8	10.571	98	543214	49.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.853	95	179720	49.333	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	7019	6.115	ug/l	91
44) Trichloroethene	9.353	130	1180	0.373	ug/l	60
64) Tetrachloroethene	11.106	164	1398	0.507	ug/l #	82

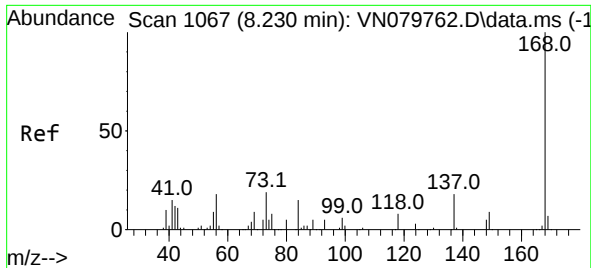
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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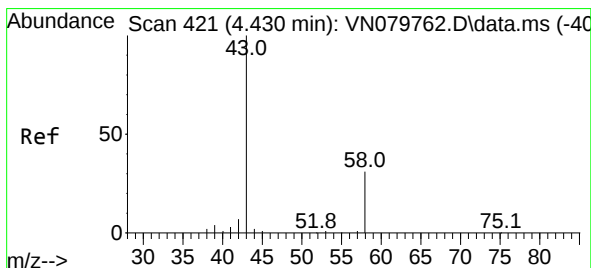
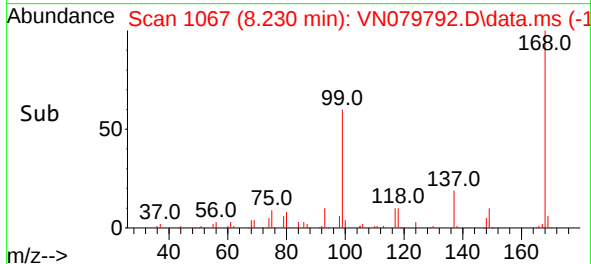
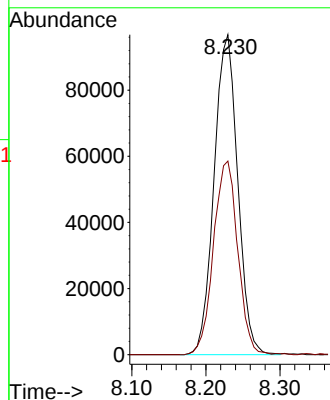
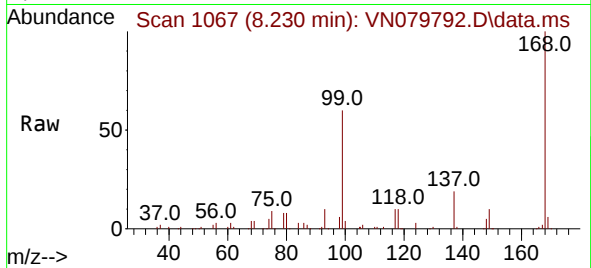




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

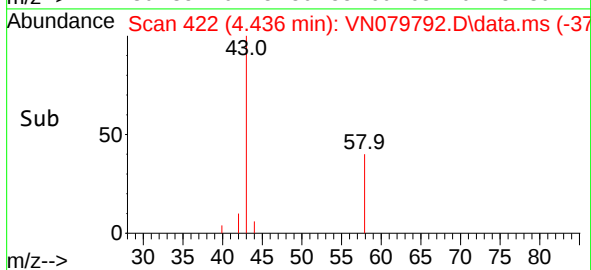
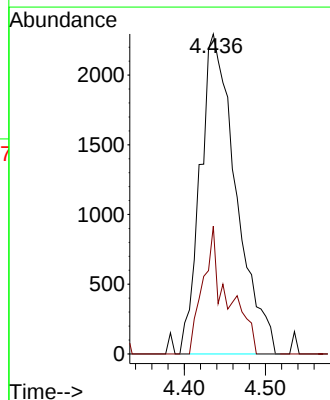
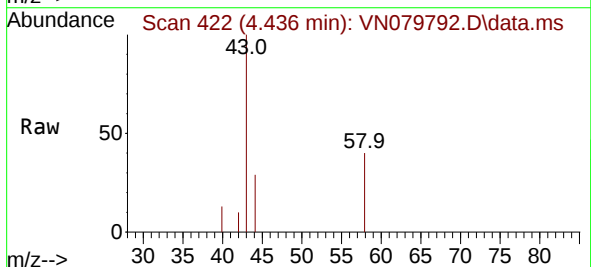
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-188-GW-150-152

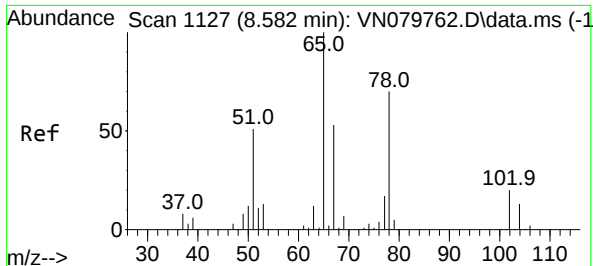
Tgt Ion:168 Resp: 214475
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#16
Acetone
Concen: 6.115 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 43 Resp: 7019
Ion Ratio Lower Upper
43 100
58 40.0 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 55.981 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

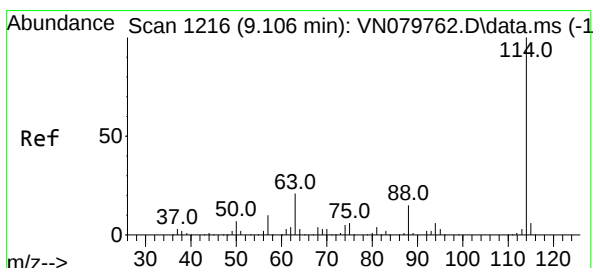
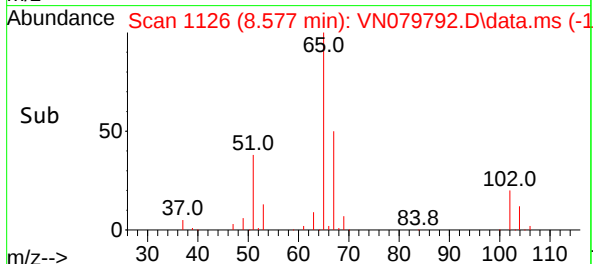
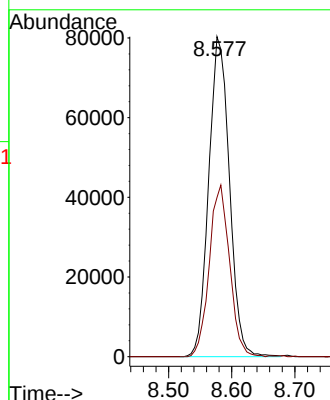
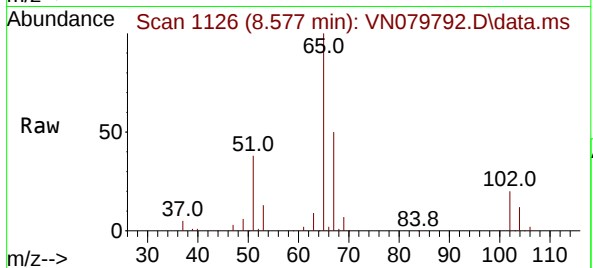
BP-VPB-188-GW-150-152

Tgt Ion: 65 Resp: 182924

Ion Ratio Lower Upper

65 100

67 52.6 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: VN079792.D

Acq: 02 Nov 2023 13:12

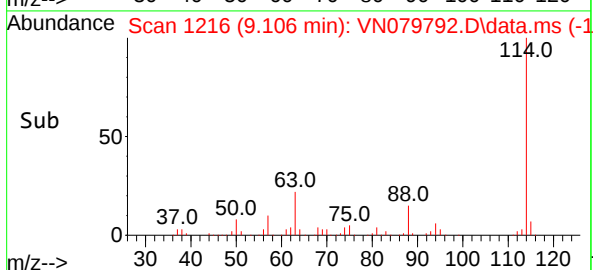
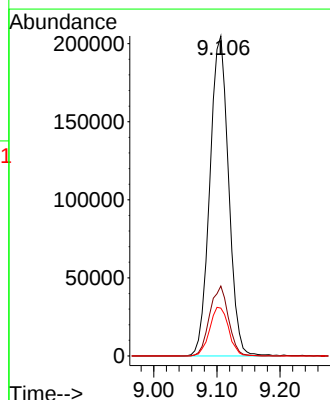
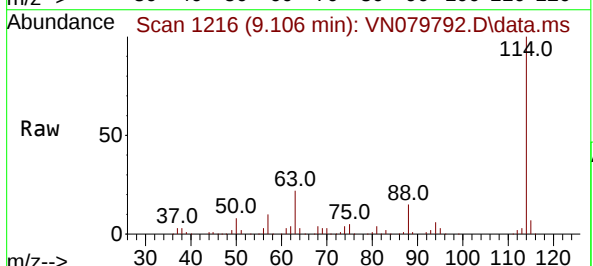
Tgt Ion: 114 Resp: 421585

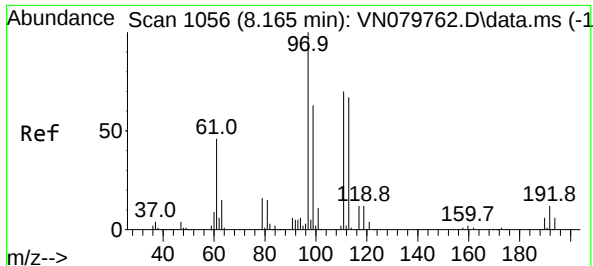
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.796 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079792.D

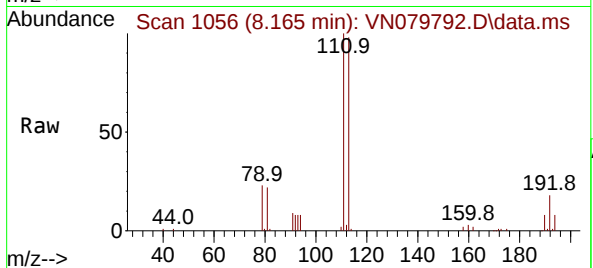
Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-188-GW-150-152



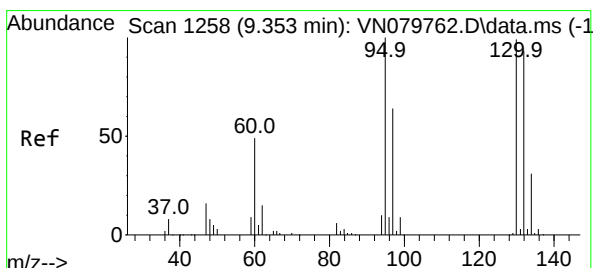
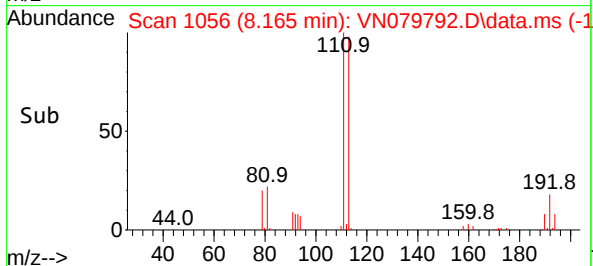
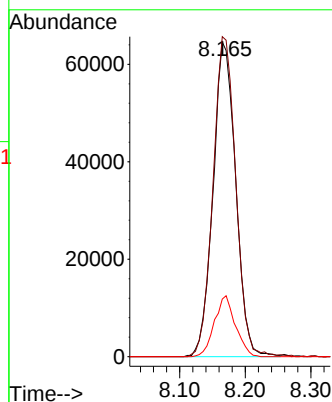
Tgt Ion:113 Resp: 154550

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.0 12.7 19.1



#44

Trichloroethene

Concen: 0.373 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079792.D

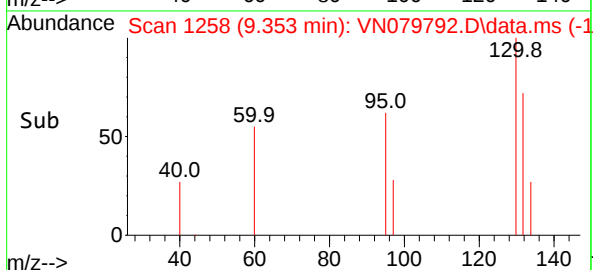
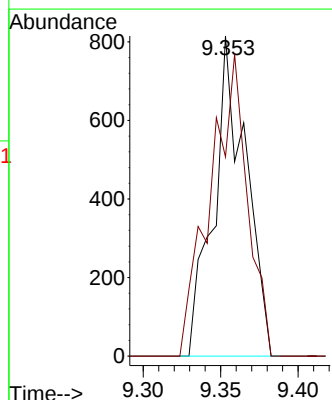
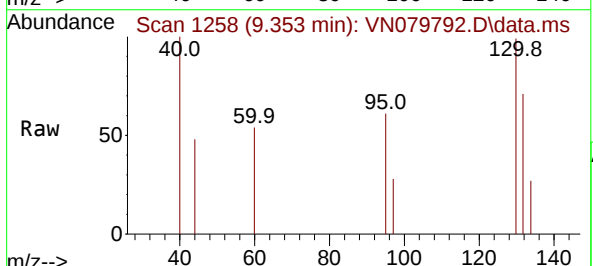
Acq: 02 Nov 2023 13:12

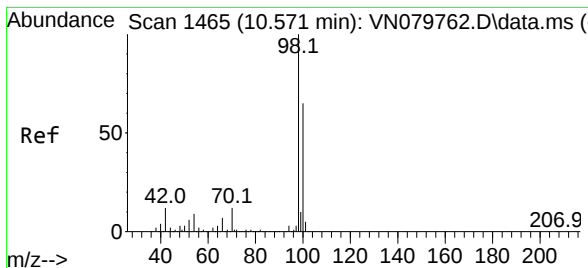
Tgt Ion:130 Resp: 1180

Ion Ratio Lower Upper

130 100

95 62.2 0.0 204.6





#50

Toluene-d8

Concen: 49.453 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

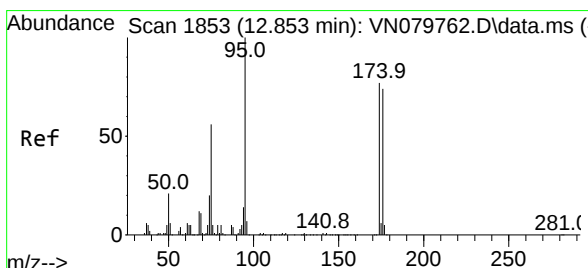
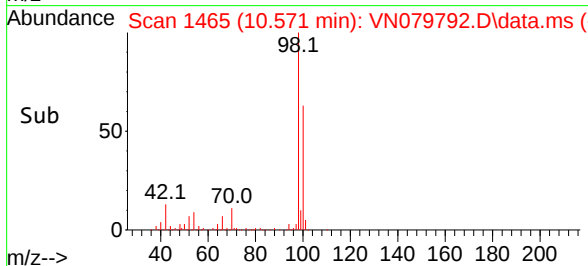
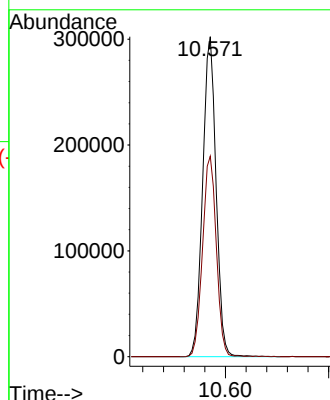
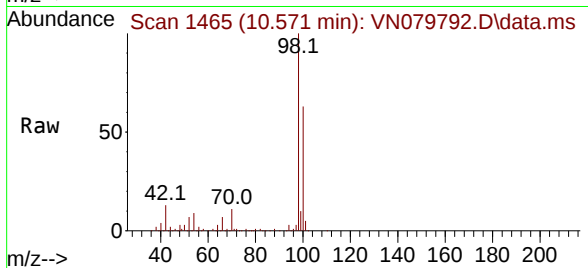
BP-VPB-188-GW-150-152

Tgt Ion: 98 Resp: 543214

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.333 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

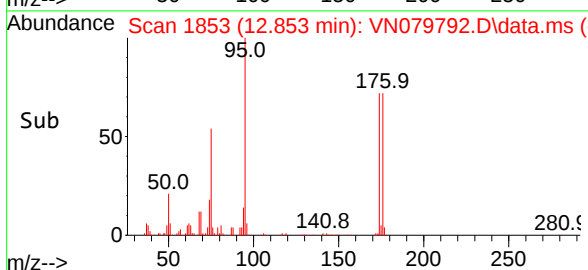
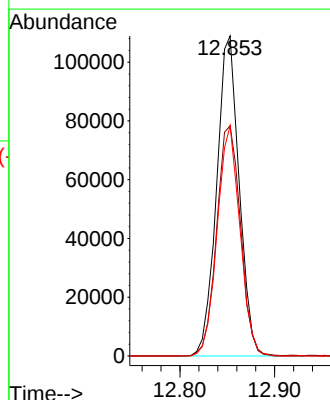
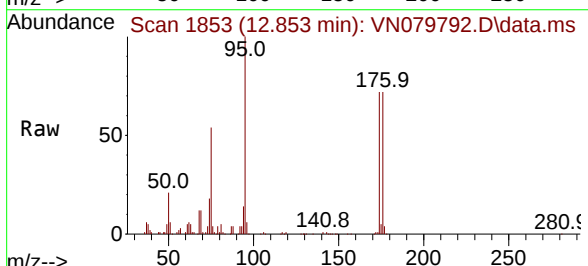
Tgt Ion: 95 Resp: 179720

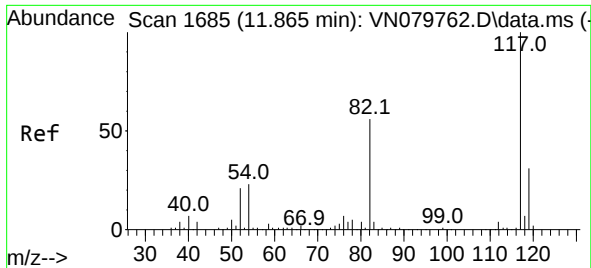
Ion Ratio Lower Upper

95 100

174 76.5 0.0 143.8

176 72.5 0.0 135.8

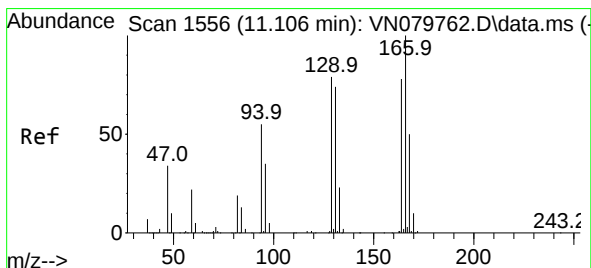
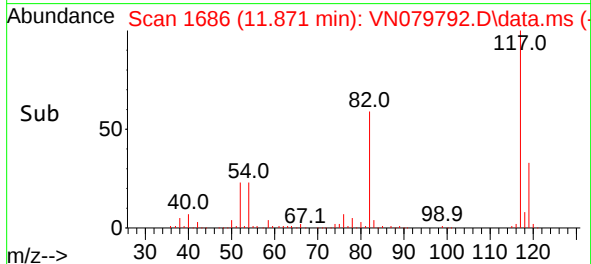
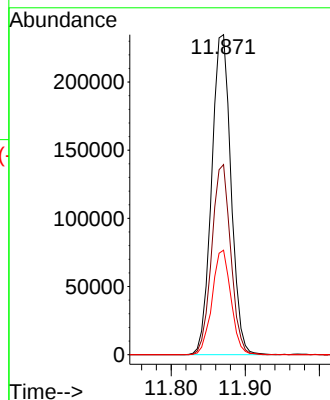
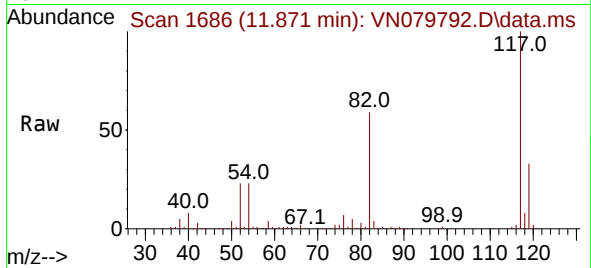




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

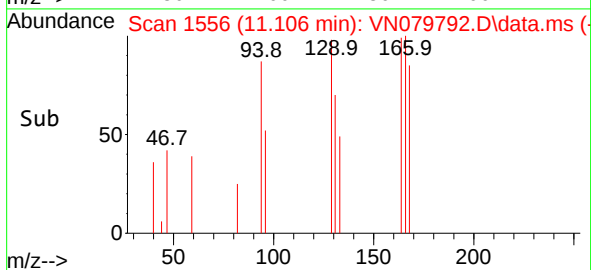
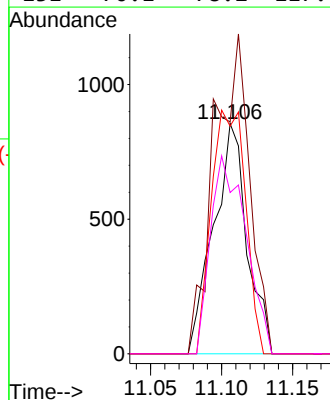
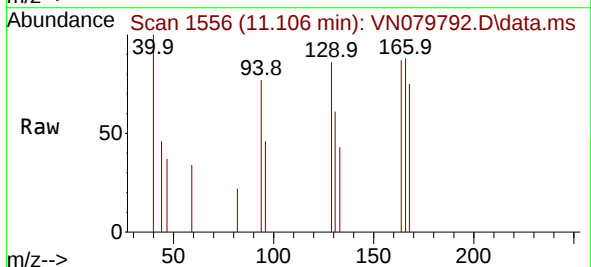
Instrument :
MSVOA_N
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BP-VPB-188-GW-150-152

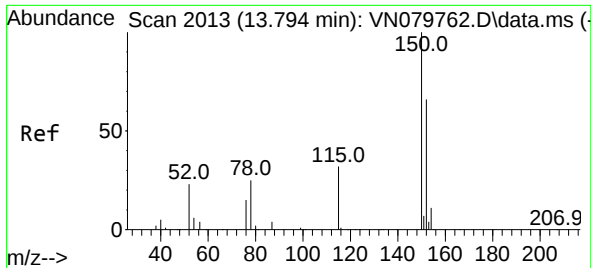
Tgt Ion:117 Resp: 425771
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 0.507 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

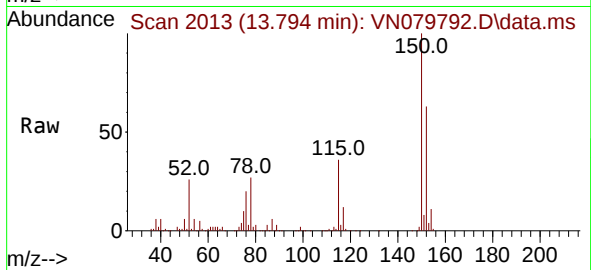
Tgt Ion:164 Resp: 1398
Ion Ratio Lower Upper
164 100
166 100.7 101.4 152.0#
129 98.9 82.4 123.6
131 70.1 78.2 117.4#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079792.D
 Acq: 02 Nov 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-150-152



Tgt Ion:152 Resp: 167511
 Ion Ratio Lower Upper
 152 100
 115 60.0 32.3 96.8
 150 159.3 0.0 355.8

