

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063010.D
 Acq On : 19 Aug 2020 13:50
 Operator : JC/MD
 Sample : L3718-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-218-220

Quant Time: Aug 19 15:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

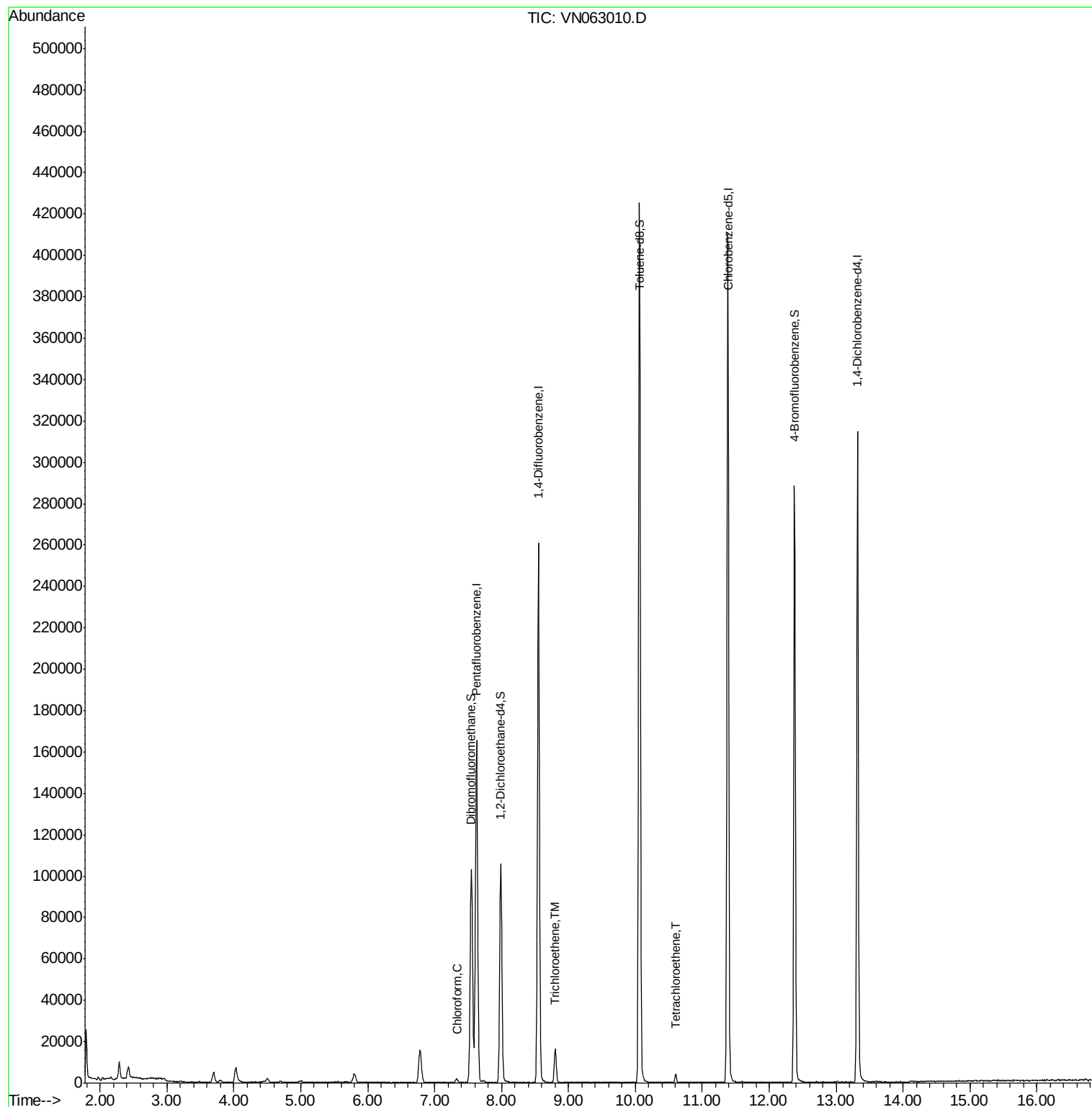
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	234380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89933	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	7.55	113	80781	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
50) Toluene-d8	10.06	98	305842	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.38	95	101223	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
30) Chloroform	7.33	83	2373	0.861	ug/l	94
44) Trichloroethene	8.80	130	7033	4.316	ug/l	93
64) Tetrachloroethene	10.60	164	1161	0.721	ug/l	93

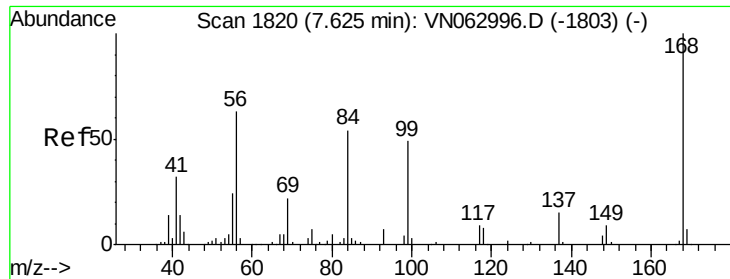
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063010.D

Acq: 19 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

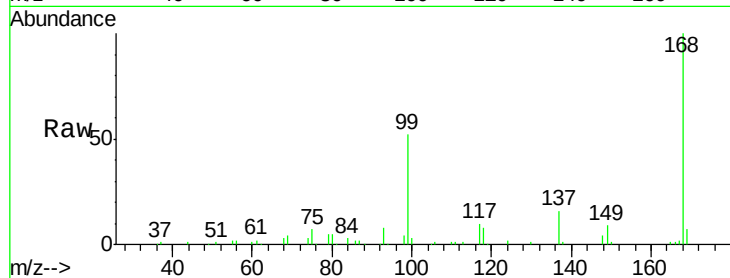
BP-VPB181-GW-218-220

Tot Ion:168 Resp: 144164

Ion Ratio Lower Upper

168 100

99 51.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

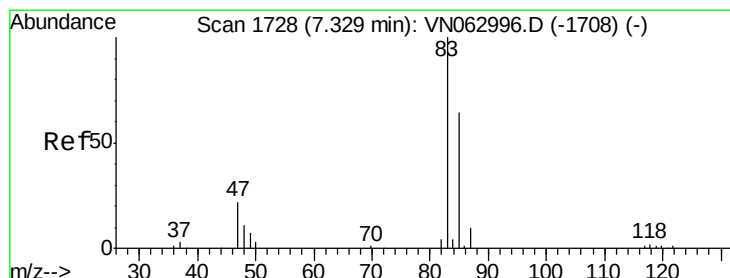
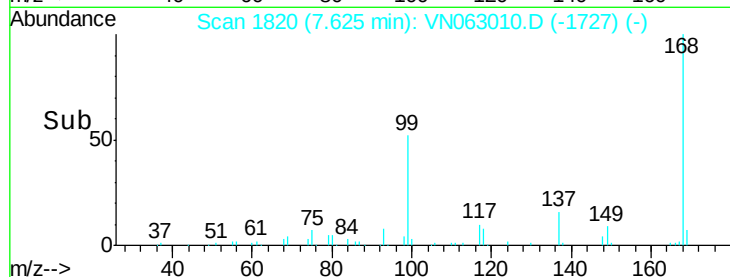
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#30

Chloroform

Concen: 0.861 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN063010.D

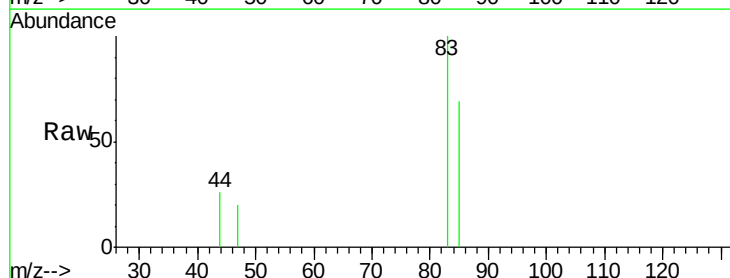
Acq: 19 Aug 2020 13:50

Tgt Ion: 83 Resp: 2373

Ion Ratio Lower Upper

83 100

85 69.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.33

1000

800

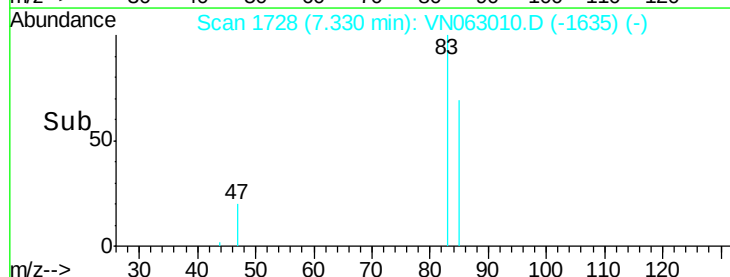
600

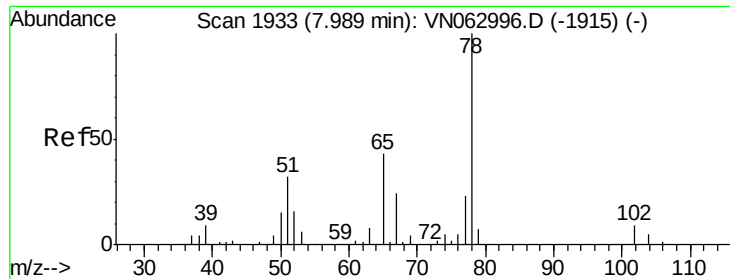
400

200

0

Time--> 7.30 7.35

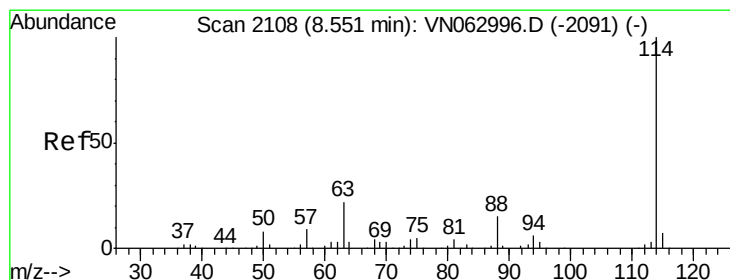
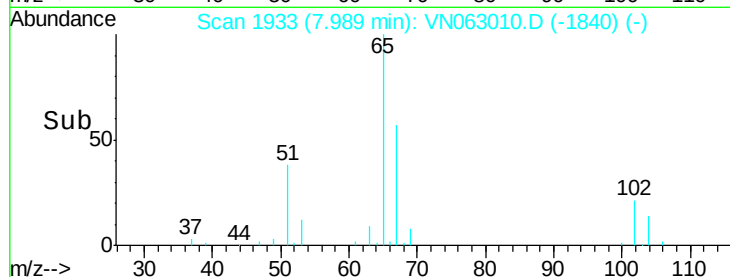
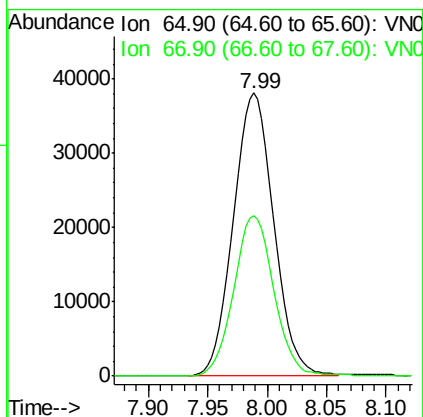
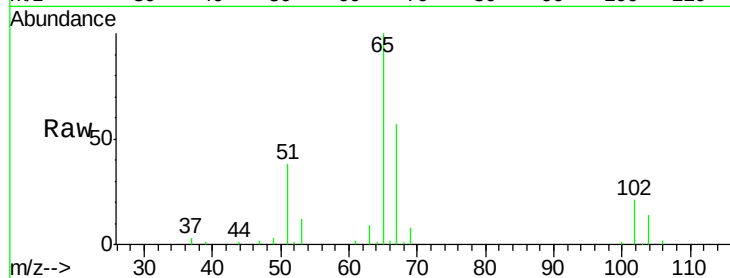




#33
 1,2-Dichloroethane-d4
 Concen: 52.635 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063010.D
 Acq: 19 Aug 2020 13:50

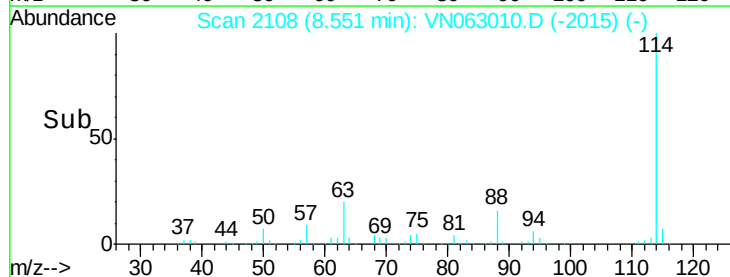
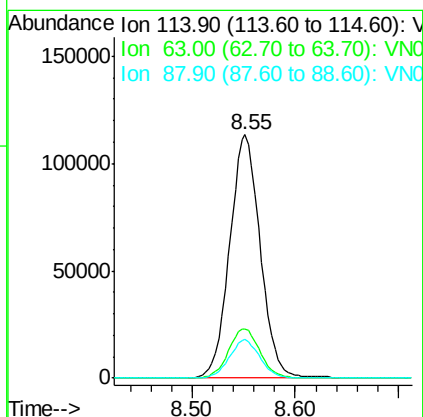
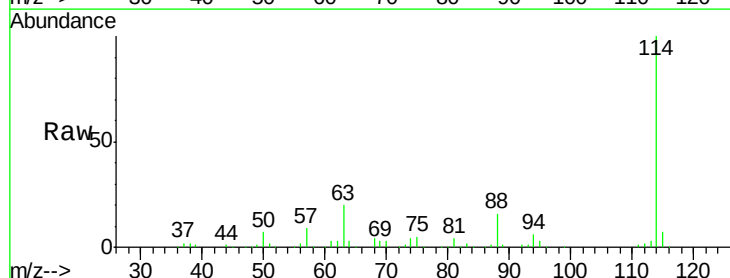
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-218-220

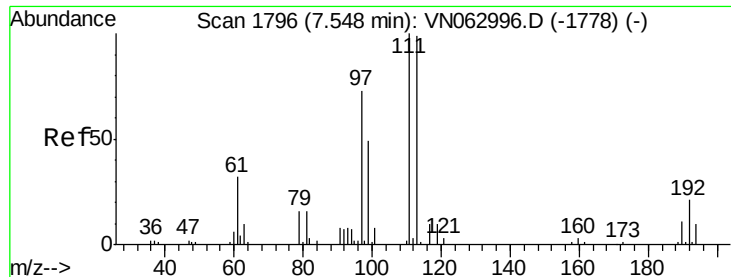
Tot Ion: 65 Resp: 89933
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063010.D
 Acq: 19 Aug 2020 13:50

Tgt Ion: 114 Resp: 234380
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 15.8 0.0 30.6

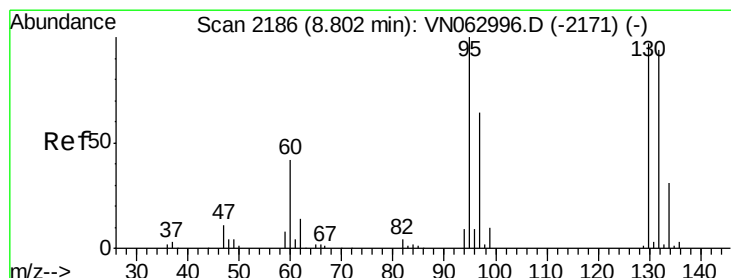
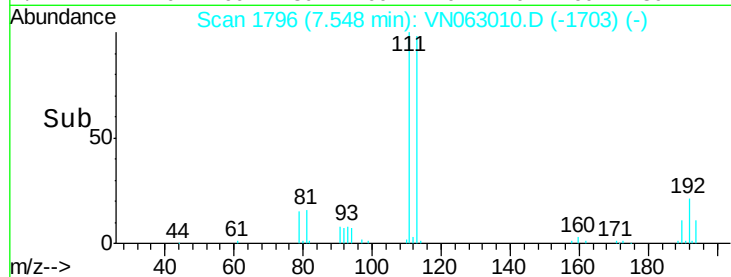
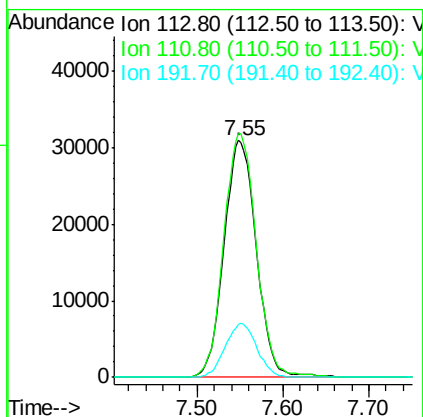
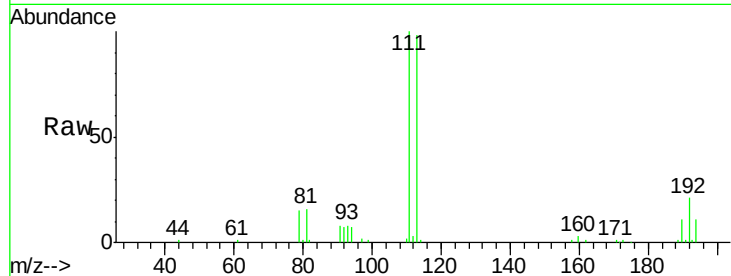




#35
Dibromofluoromethane
Concen: 52.894 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

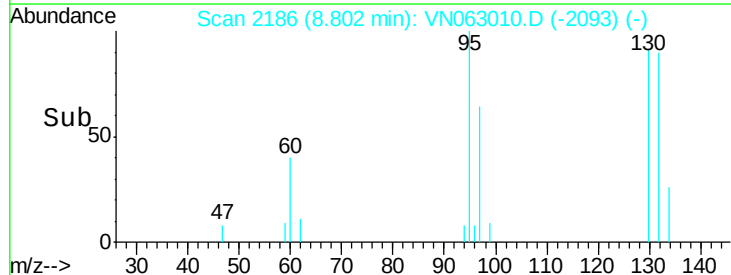
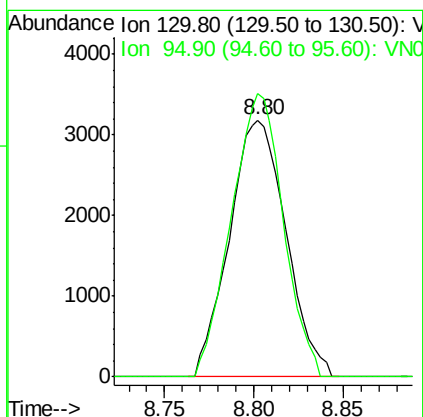
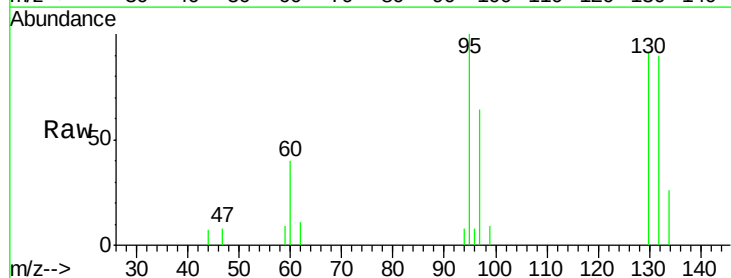
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-218-220

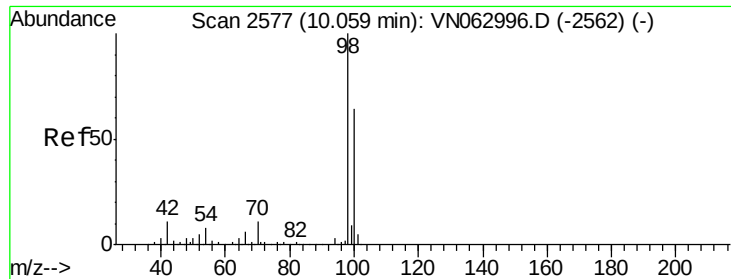
Tot Ion:113 Resp: 80781
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 22.1 17.5 26.3



#44
Trichloroethene
Concen: 4.316 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

Tgt Ion:130 Resp: 7033
Ion Ratio Lower Upper
130 100
95 110.3 0.0 205.6

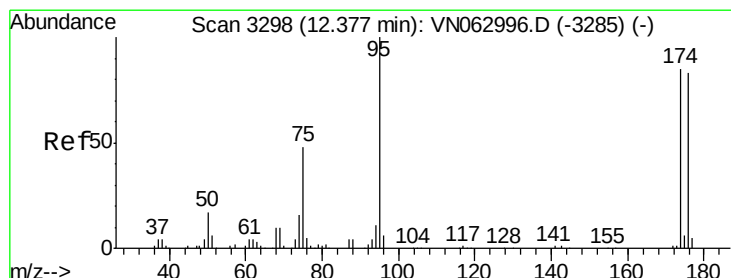
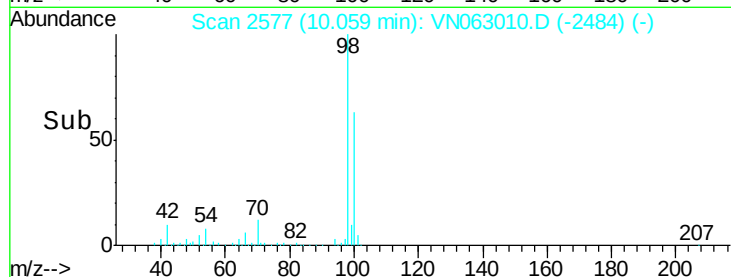
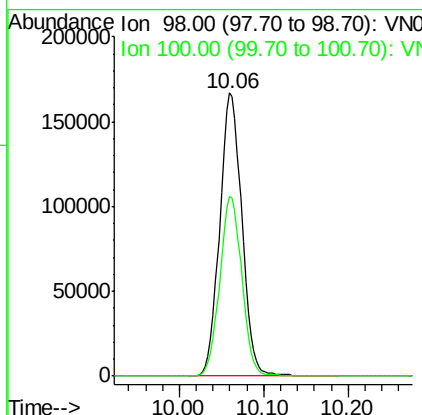
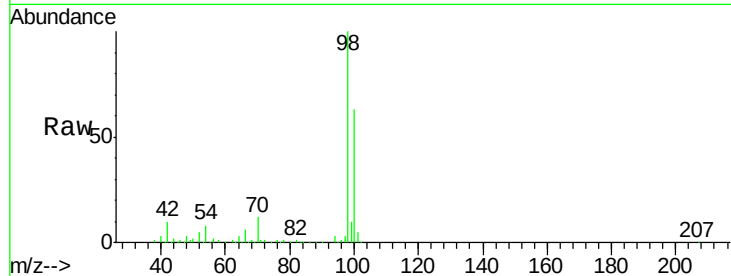




#50
Toluene-d8
Concen: 52.137 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

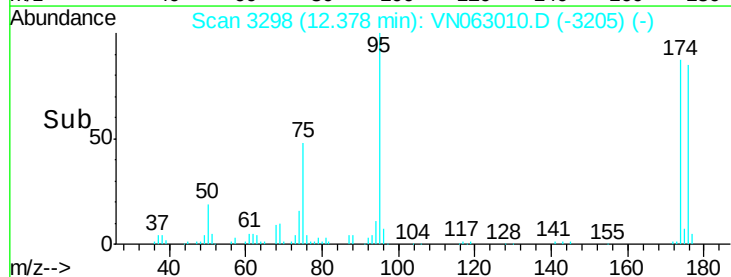
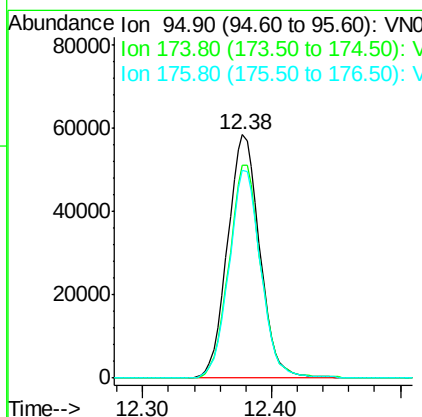
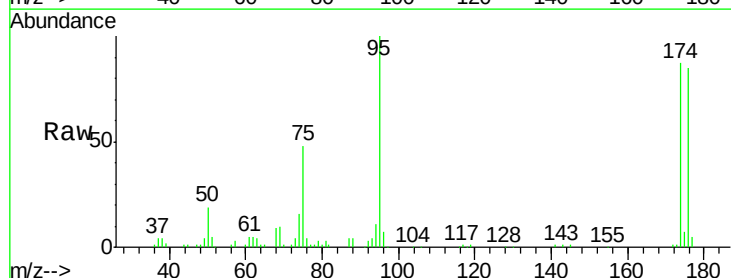
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-218-220

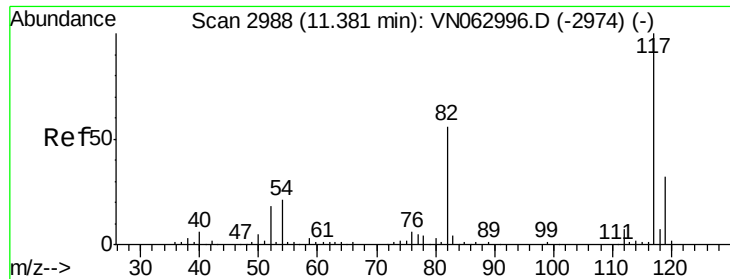
Tot Ion: 98 Resp: 305842
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

Tgt Ion: 95 Resp: 101223
Ion Ratio Lower Upper
95 100
174 86.5 0.0 170.8
176 84.3 0.0 164.8

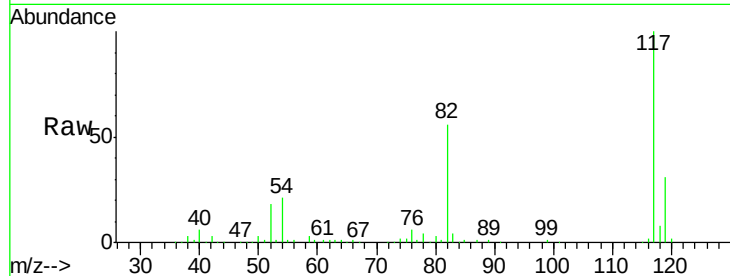




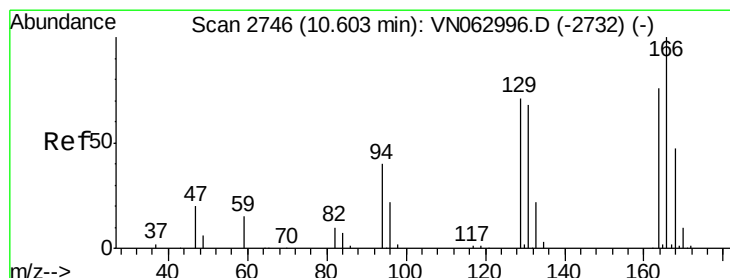
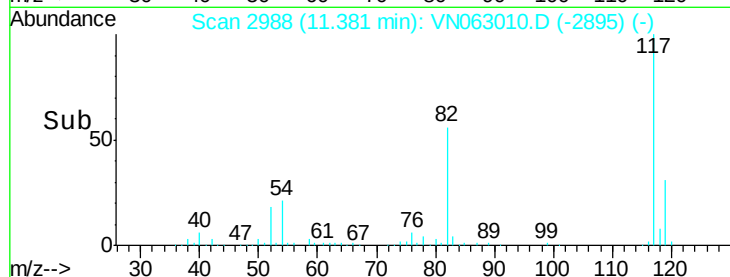
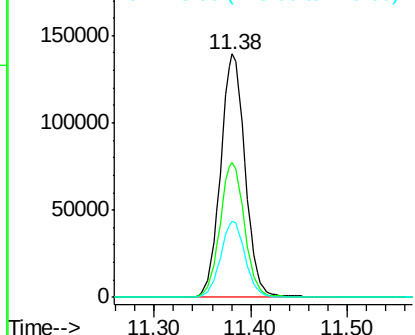
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-218-220

Tot Ion:117 Resp: 245060
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 31.4 25.5 38.3



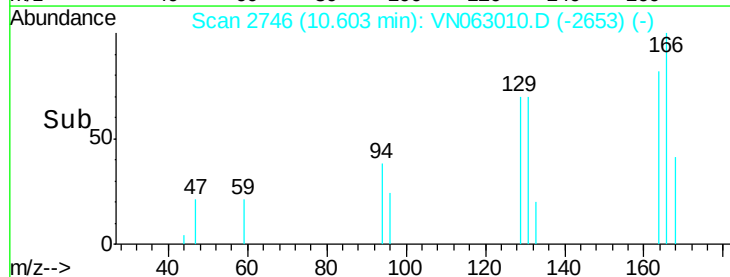
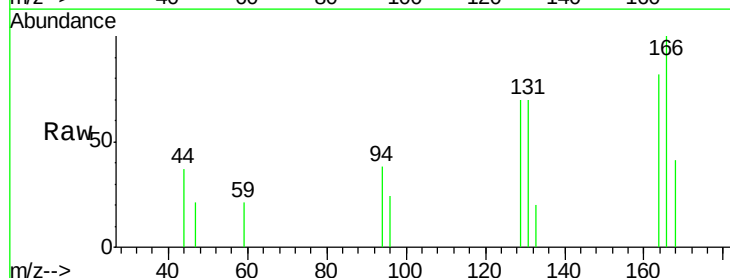
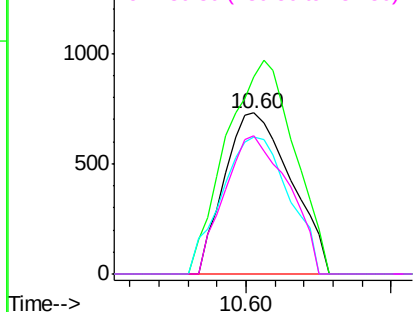
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

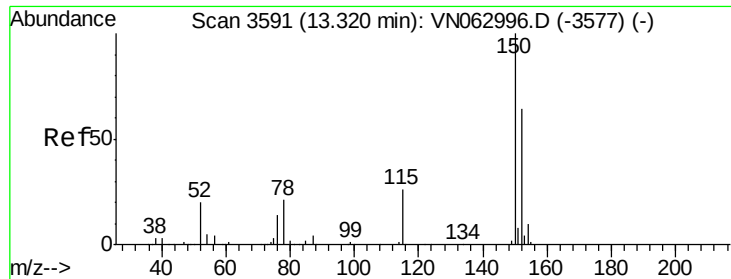


#64
Tetrachloroethene
Concen: 0.721 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063010.D
Acq: 19 Aug 2020 13:50

Tgt Ion:164 Resp: 1161
Ion Ratio Lower Upper
164 100
166 122.2 105.0 157.6
129 85.5 74.7 112.1
131 85.9 71.0 106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063010.D

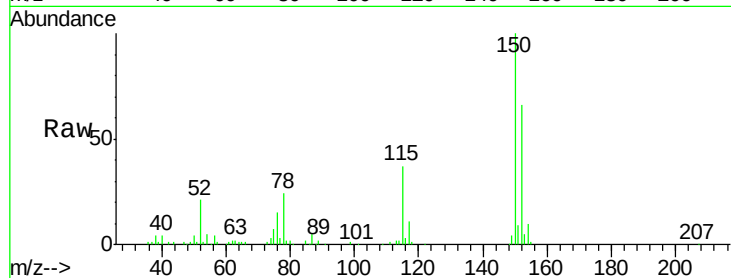
Acq: 19 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB181-GW-218-220



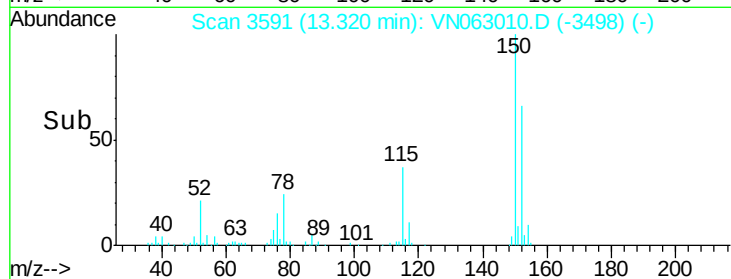
Tot Ion:152 Resp: 91592

Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.3

150 155.5 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

