

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061230.D
 Acq On : 1 May 2020 15:08
 Operator : JC/MD
 Sample : L2468-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-768-770

Quant Time: May 04 03:51:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

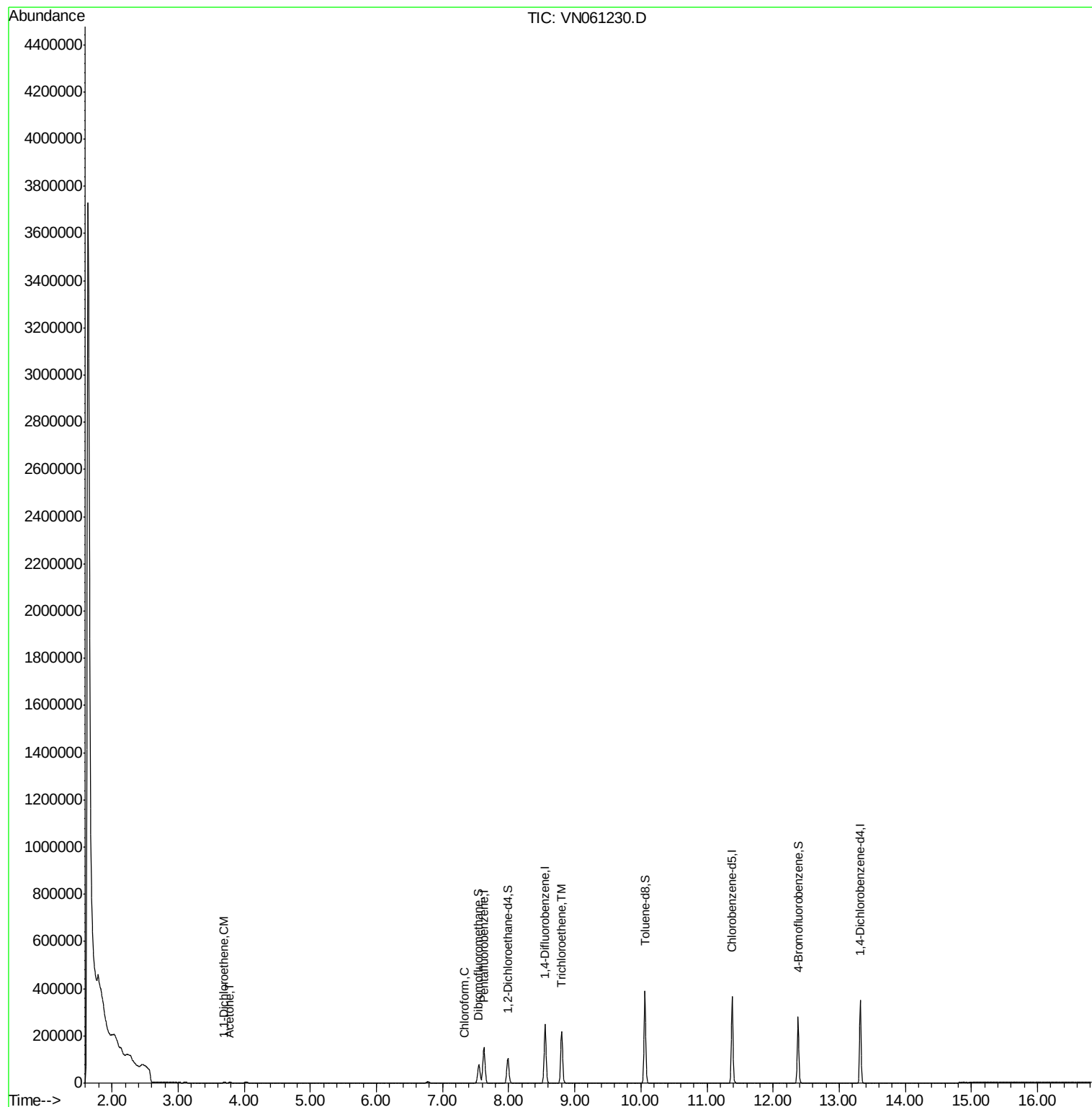
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	116738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	207054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	198198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90677	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.55	113	60911	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	257519	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.38	95	95503	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
12) 1,1-Dichloroethene	3.69	96	1323	1.074	ug/l #	64
16) Acetone	3.78	43	7015	4.392	ug/l	92
30) Chloroform	7.33	83	1309	0.467	ug/l	99
44) Trichloroethene	8.80	130	77323	46.320	ug/l	99

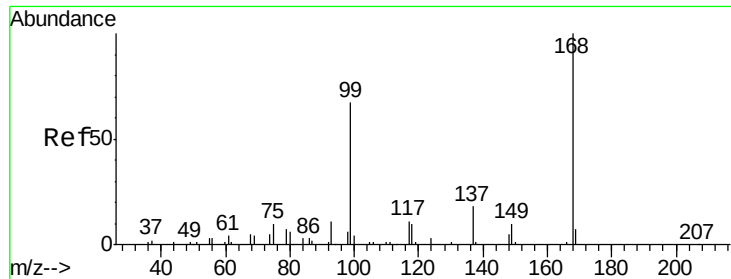
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061230.D

Acq: 1 May 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

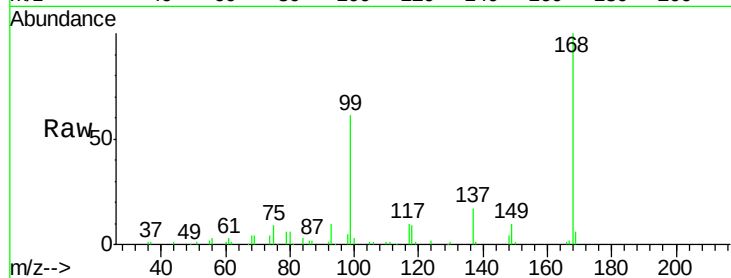
BP-VPB180-GW-768-770

Tot Ion:168 Resp: 116738

Ion Ratio Lower Upper

168 100

99 61.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

50000

40000

30000

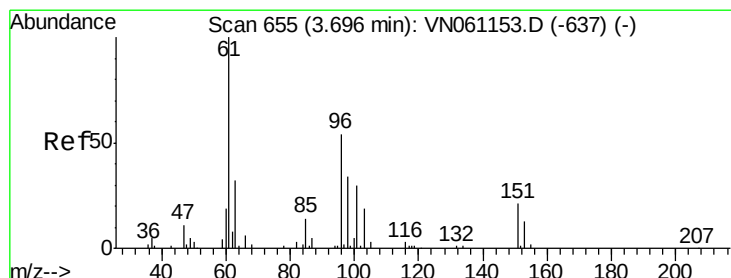
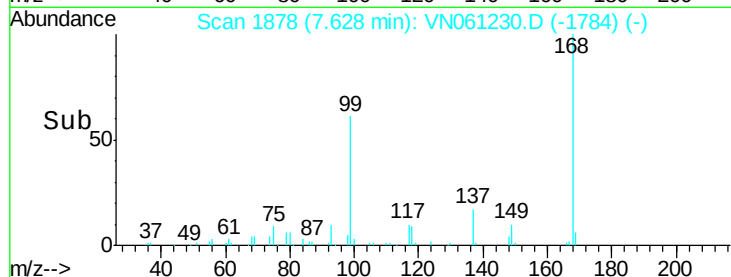
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#12

1,1-Dichloroethene

Concen: 1.074 ug/l

RT: 3.69 min Scan# 654

Delta R.T. -0.00 min

Lab File: VN061230.D

Acq: 1 May 2020 15:08

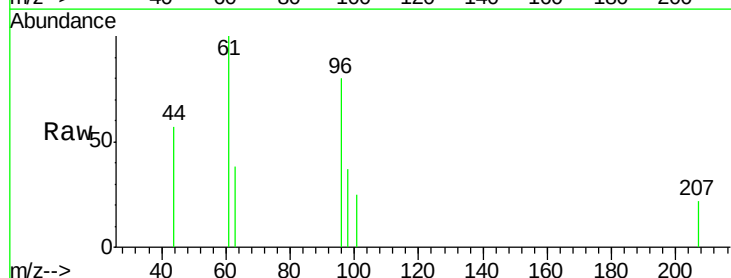
Tgt Ion: 96 Resp: 1323

Ion Ratio Lower Upper

96 100

61 124.7 147.0 220.6#

98 46.0 49.8 74.6#



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

1200

1000

800

600

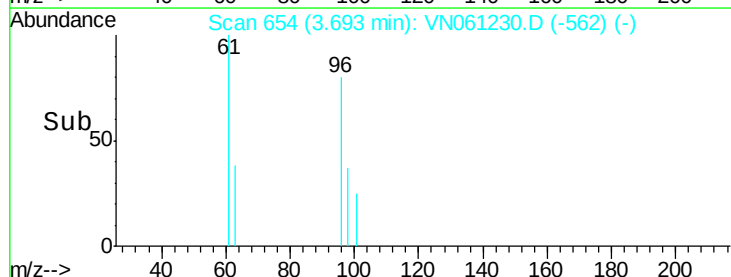
400

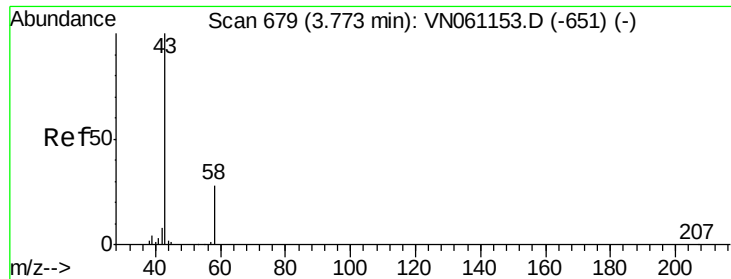
200

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 4.392 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061230.D

Acq: 1 May 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

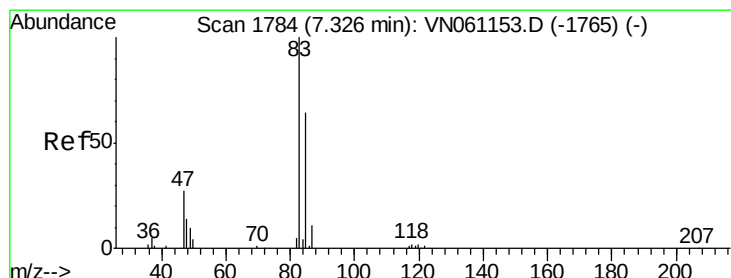
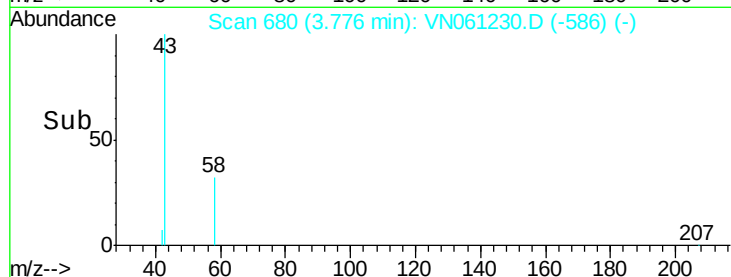
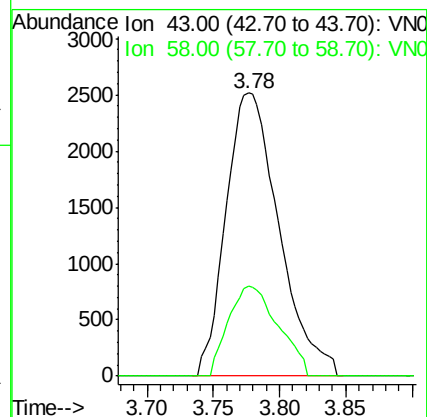
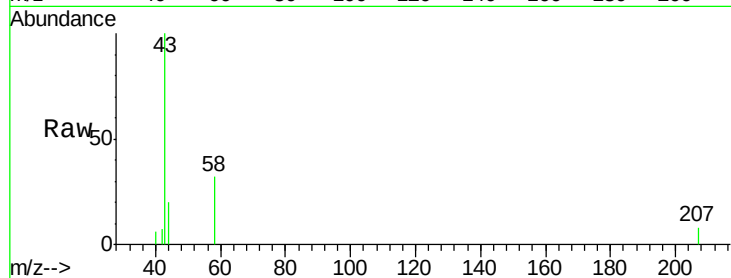
BP-VPB180-GW-768-770

Tot Ion: 43 Resp: 7015

Ion Ratio Lower Upper

43 100

58 31.9 22.2 33.2



#30

Chloroform

Concen: 0.467 ug/l

RT: 7.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VN061230.D

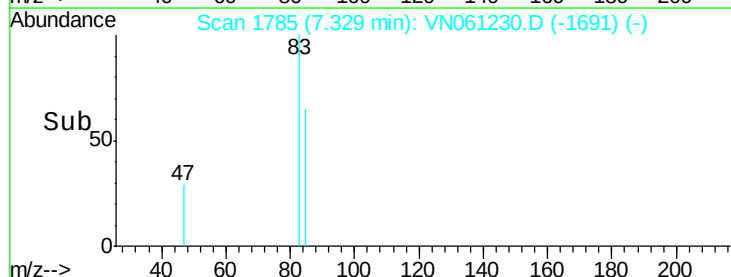
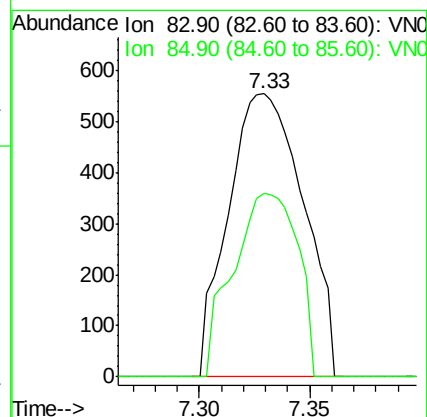
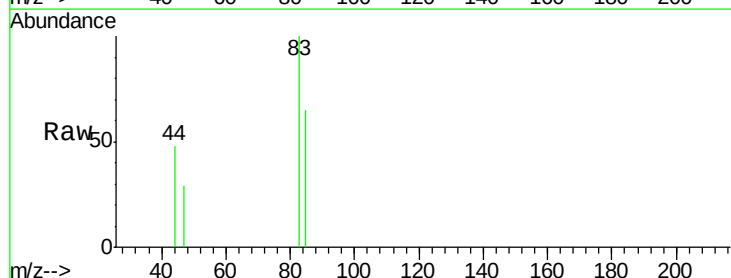
Acq: 1 May 2020 15:08

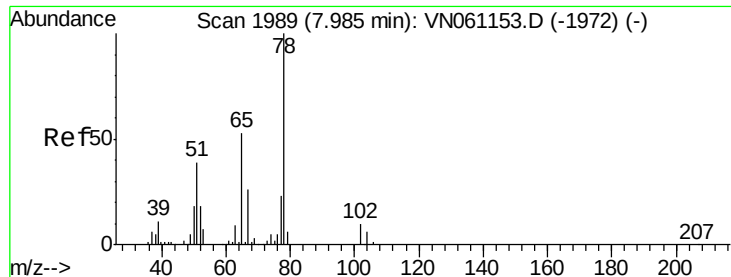
Tgt Ion: 83 Resp: 1309

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

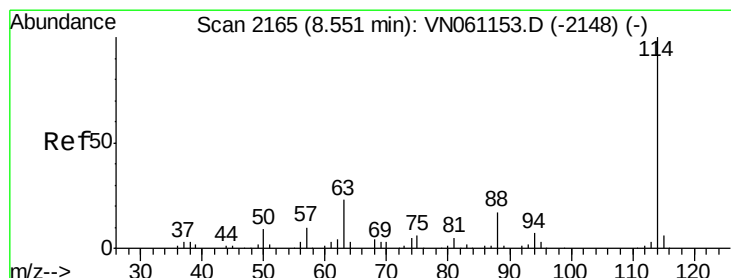
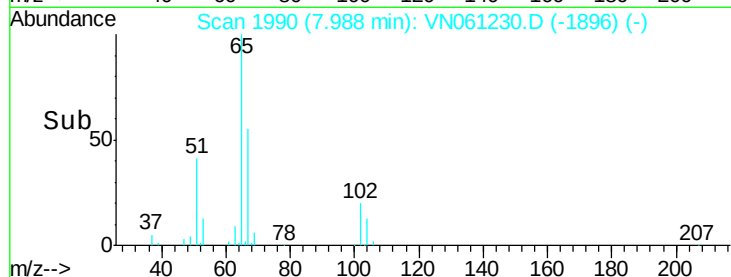
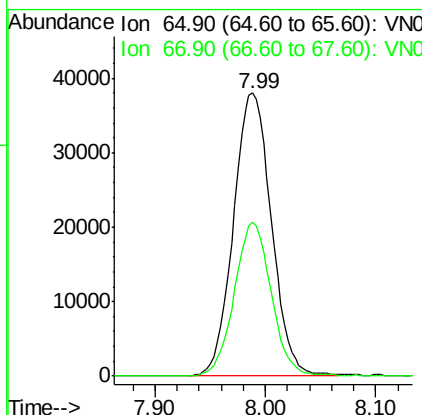
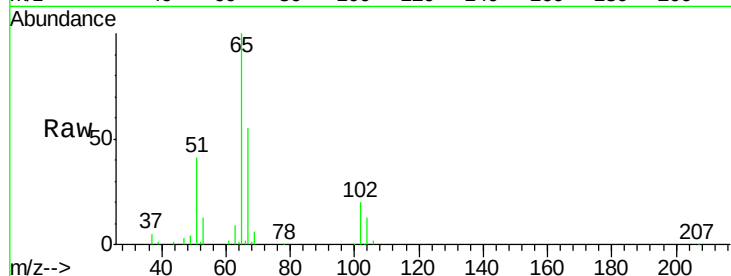




#33
 1,2-Dichloroethane-d4
 Concen: 49.090 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061230.D
 Acq: 1 May 2020 15:08

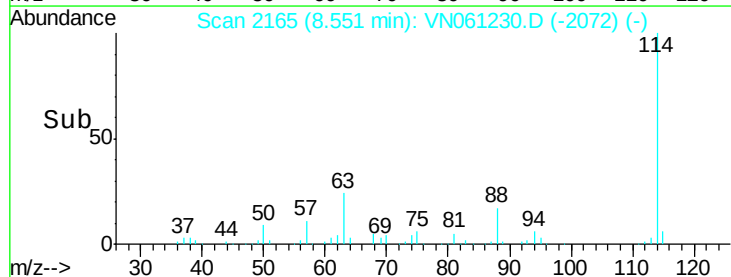
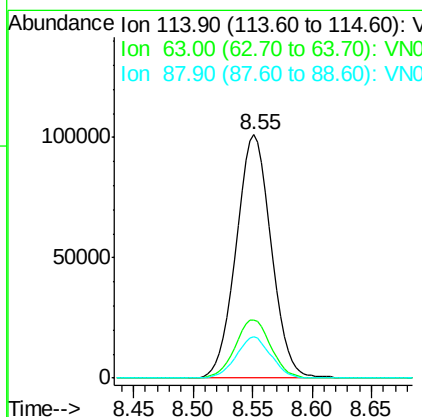
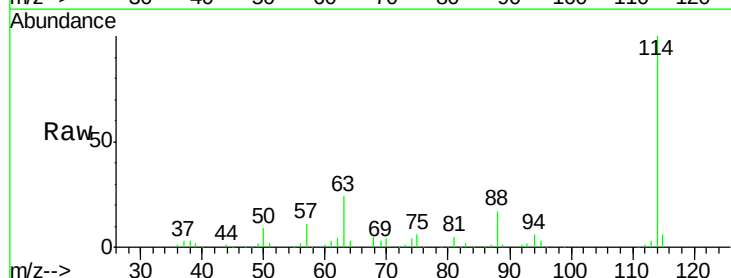
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-768-770

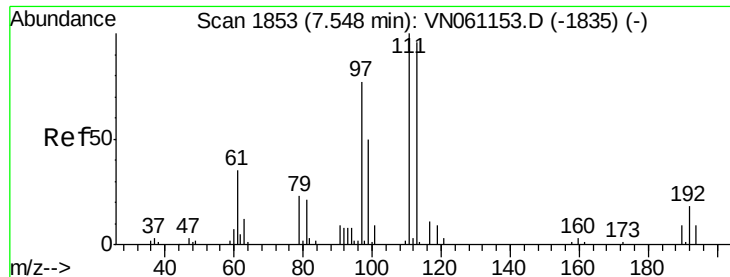
Tot Ion: 65 Resp: 90677
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061230.D
 Acq: 1 May 2020 15:08

Tgt Ion: 114 Resp: 207054
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.9 0.0 33.4

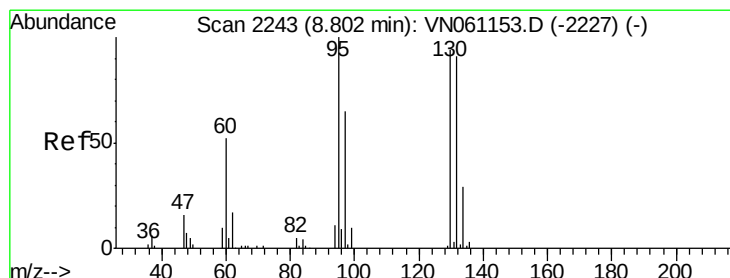
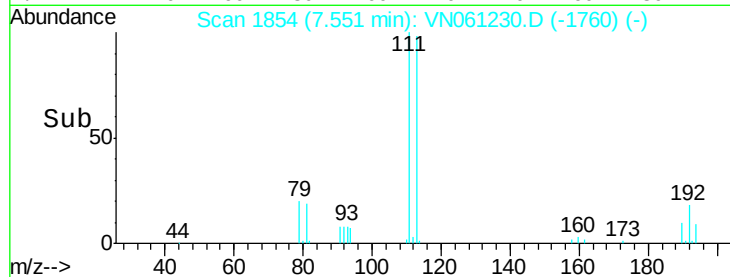
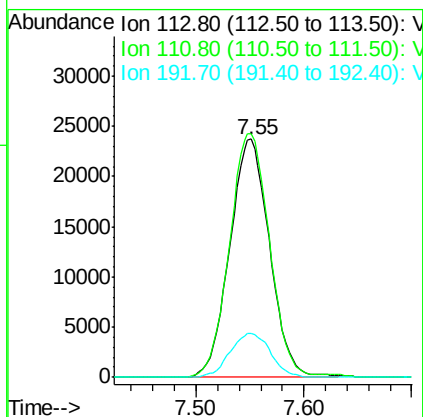
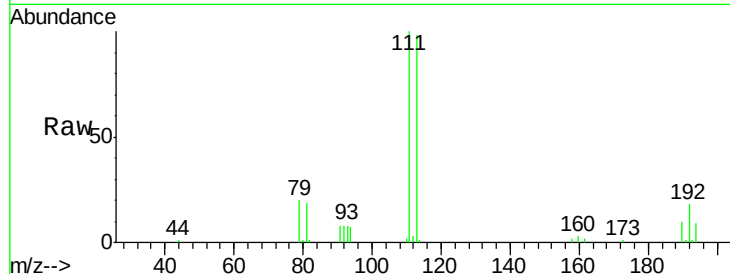




#35
 Dibromofluoromethane
 Concen: 49.749 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061230.D
 Acq: 1 May 2020 15:08

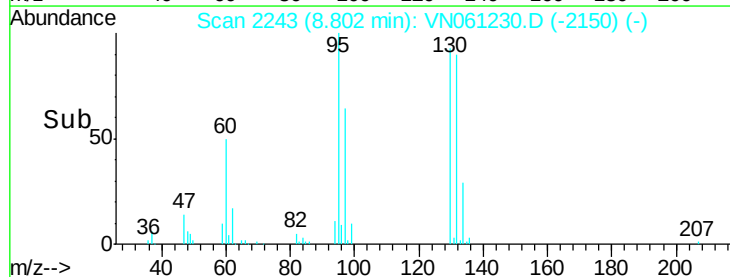
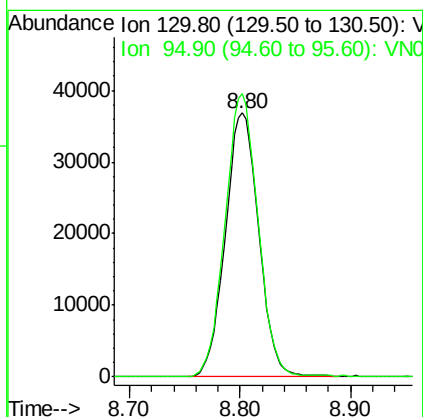
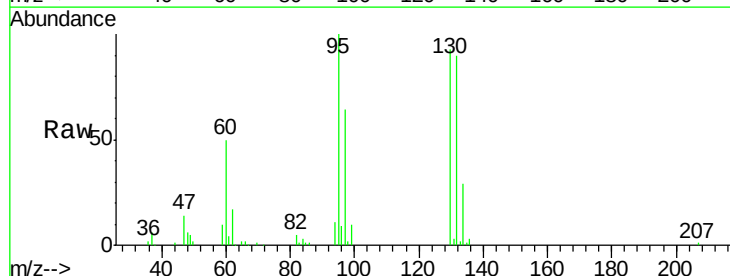
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-768-770

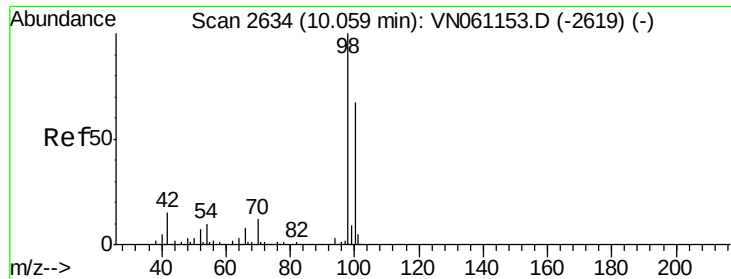
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.7	14.7	22.1



#44
 Trichloroethene
 Concen: 46.320 ug/l
 RT: 8.80 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: VN061230.D
 Acq: 1 May 2020 15:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	212.4





#50

Toluene-d8

Concen: 51.595 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061230.D

Acq: 1 May 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

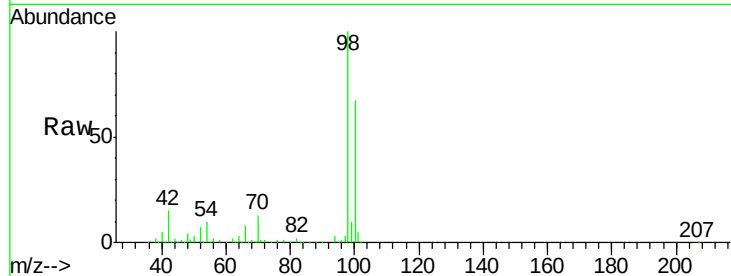
BP-VPB180-GW-768-770

Tot Ion: 98 Resp: 257519

Ion Ratio Lower Upper

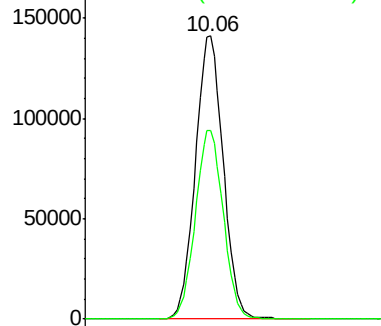
98 100

100 66.8 53.4 80.0

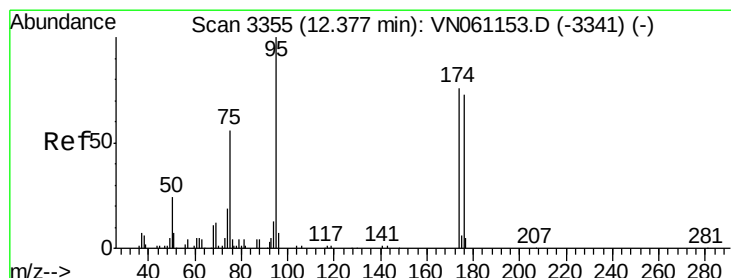
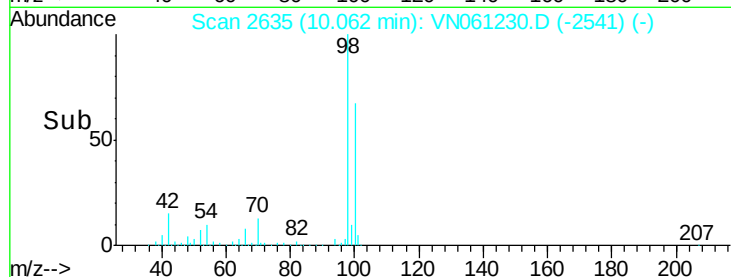


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 50.847 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061230.D

Acq: 1 May 2020 15:08

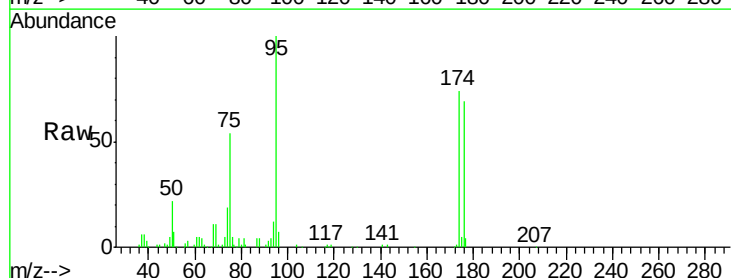
Tgt Ion: 95 Resp: 95503

Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.4

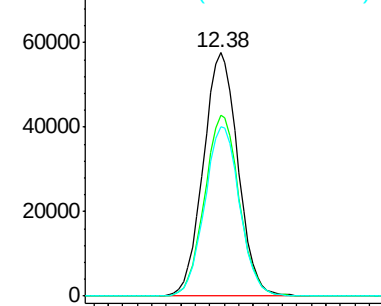
176 70.2 0.0 144.8



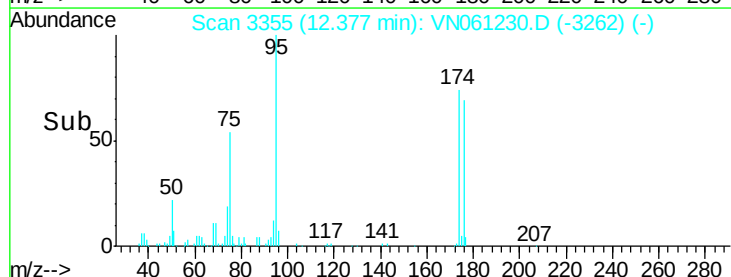
Abundance Ion 94.90 (94.60 to 95.60): VN0

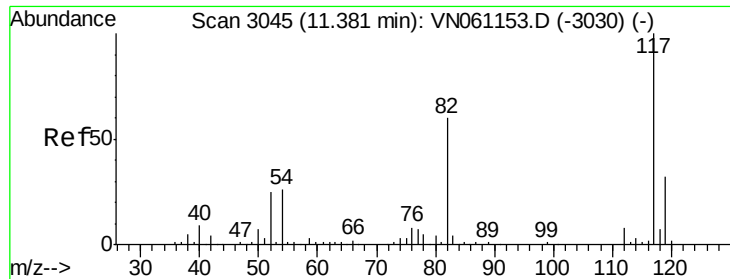
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

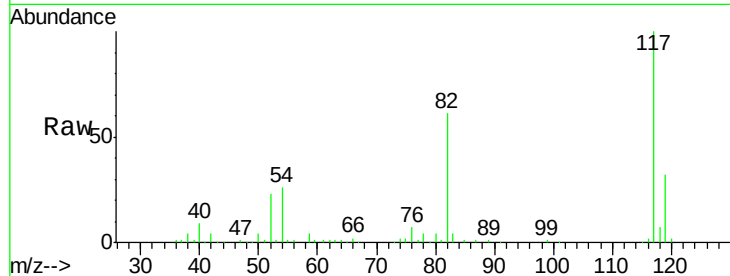




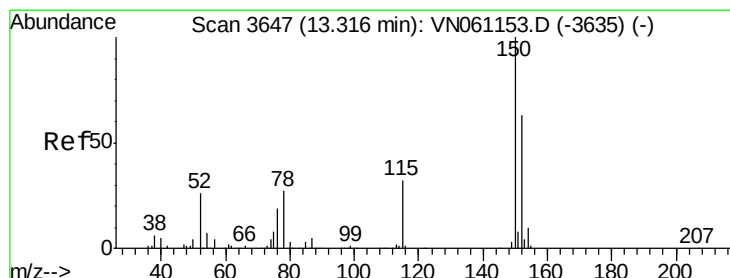
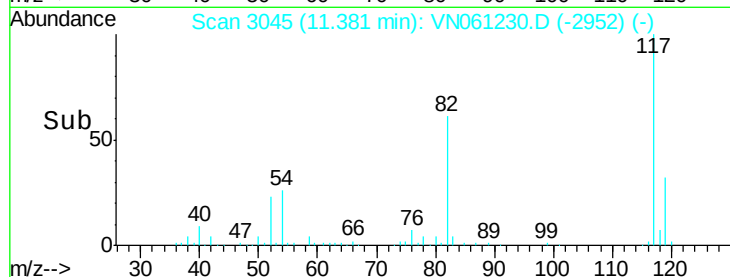
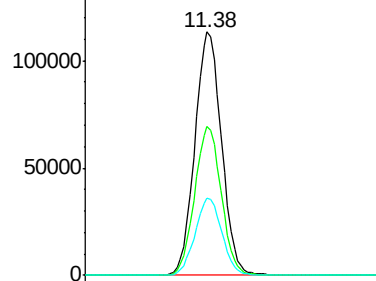
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061230.D
Acq: 1 May 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-GW-768-770

Tot Ion:117 Resp: 198198
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 31.8 25.8 38.6

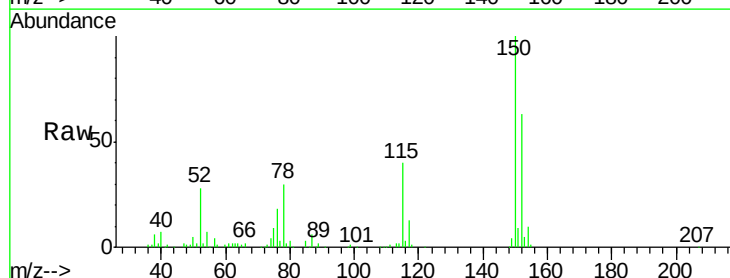


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061230.D
Acq: 1 May 2020 15:08

Tgt Ion:152 Resp: 87852
Ion Ratio Lower Upper
152 100
115 62.3 31.0 93.0
150 157.4 0.0 351.8



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

