

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062300.D
 Acq On : 1 Jul 2020 18:31
 Operator : JC/MD
 Sample : L3192-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-FB-20200630

Quant Time: Jul 02 07:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

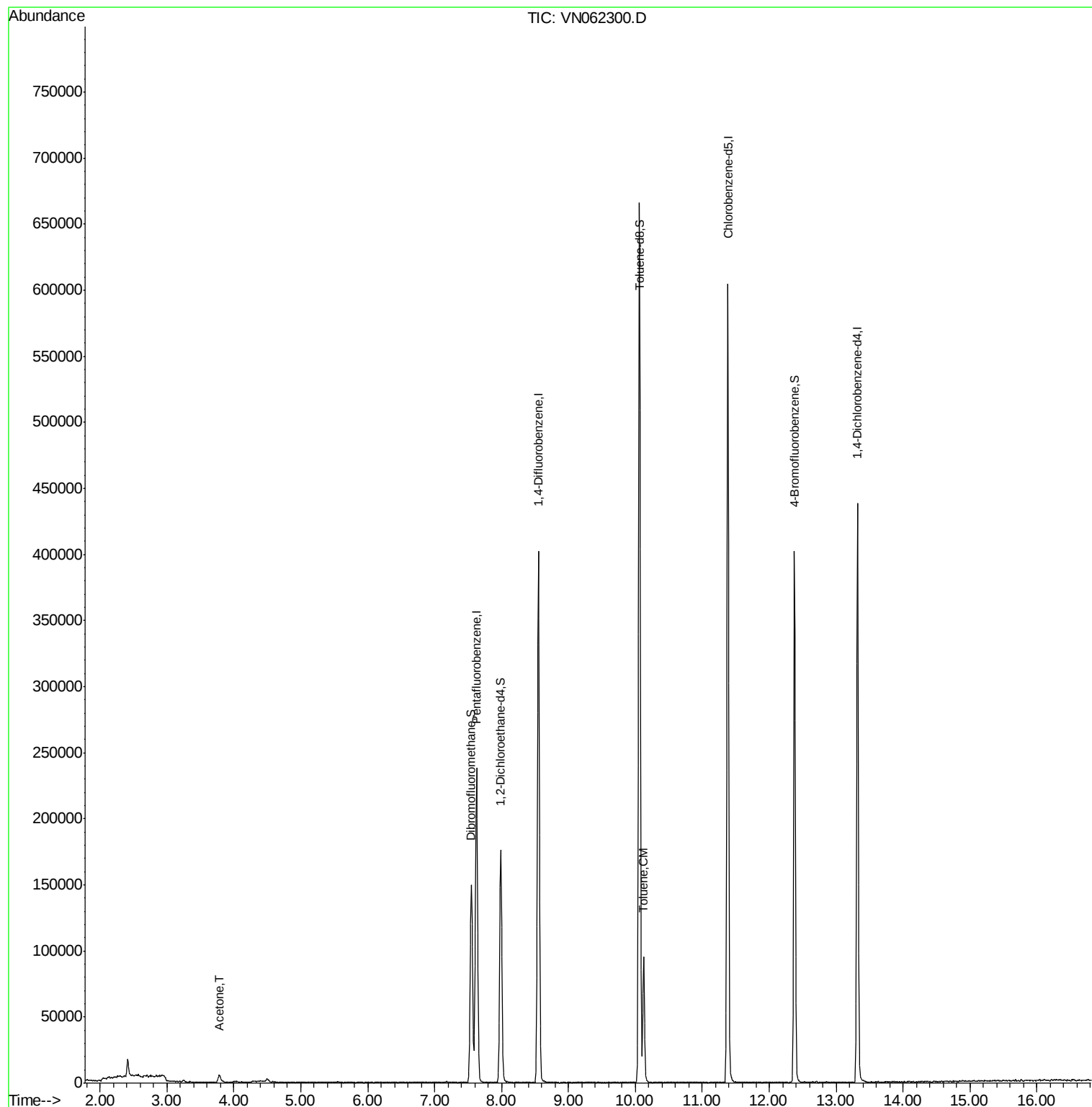
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	359275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	341205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	147247	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
35) Dibromofluoromethane	7.55	113	117159	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.06	98	461944	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	143725	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
16) Acetone	3.78	43	9640	7.985	ug/l	99
52) Toluene	10.12	92	40289	5.999	ug/l	95

(#) = 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: VN062300.D

Acq: 1 Jul 2020 18:31

Instrument :

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ClientSampleId :

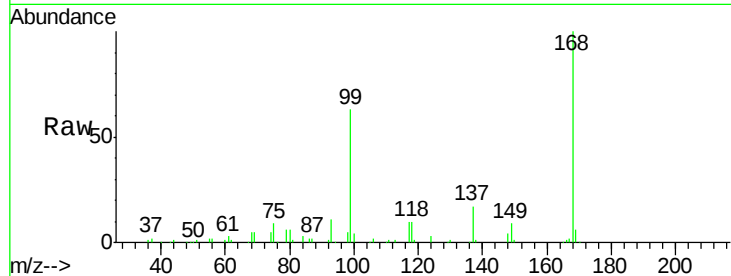
BP-MW180-FB-20200630

Tot Ion:168 Resp: 183805

Ion Ratio Lower Upper

168 100

99 62.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

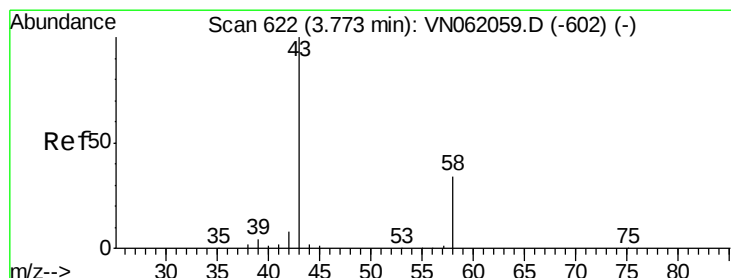
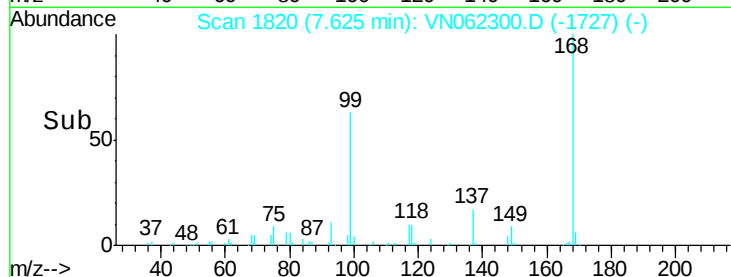
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.985 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062300.D

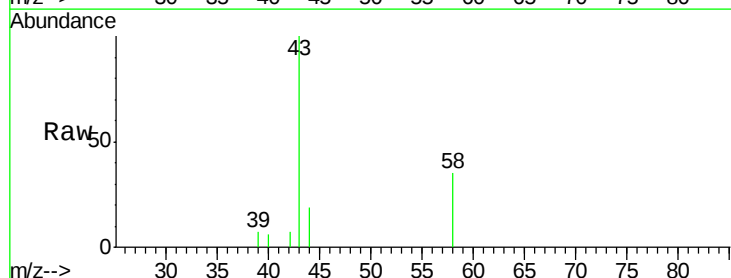
Acq: 1 Jul 2020 18:31

Tgt Ion: 43 Resp: 9640

Ion Ratio Lower Upper

43 100

58 35.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

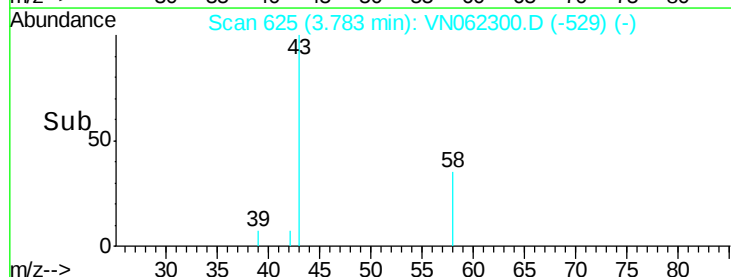
3000

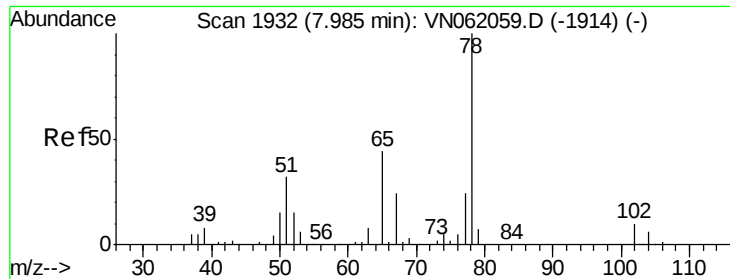
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

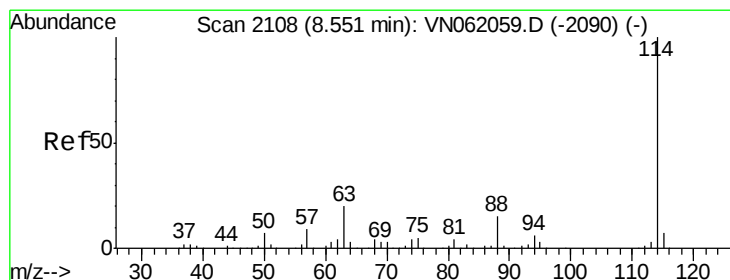
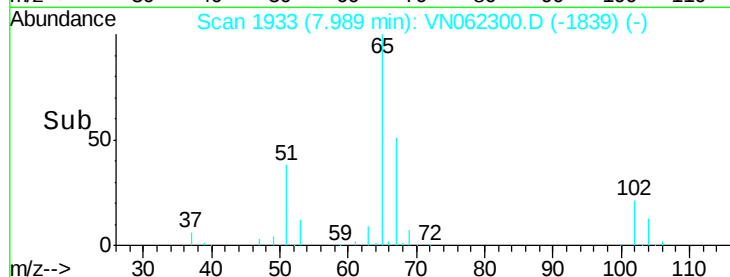
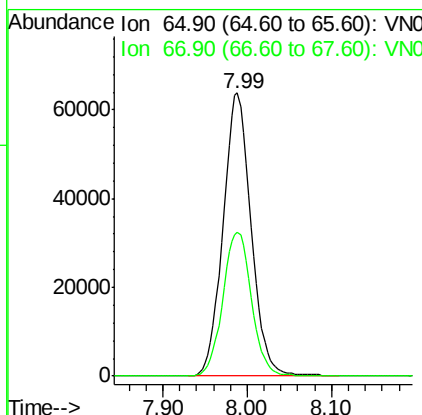
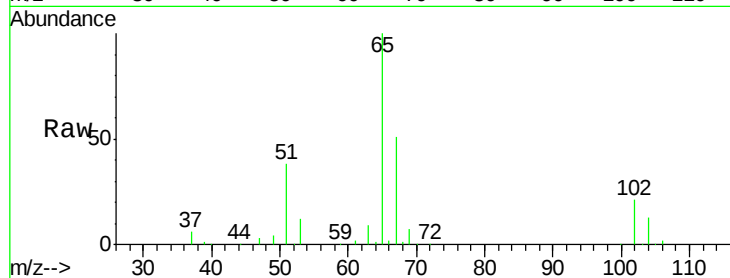




#33
 1,2-Dichloroethane-d4
 Concen: 57.086 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062300.D
 Acq: 1 Jul 2020 18:31

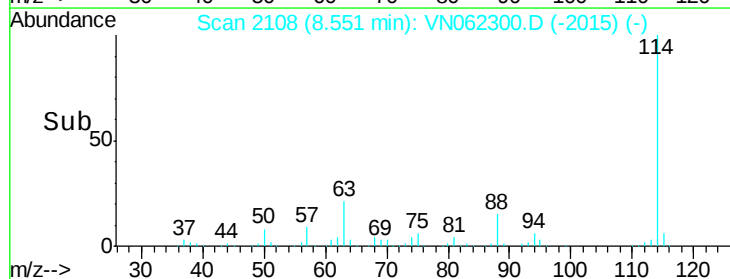
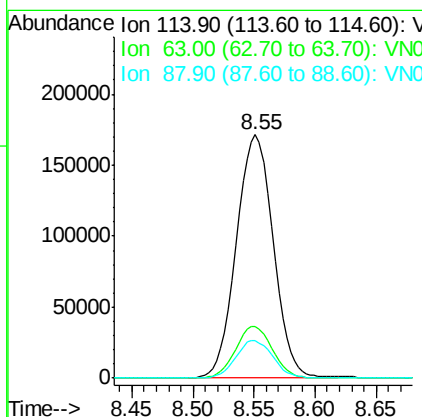
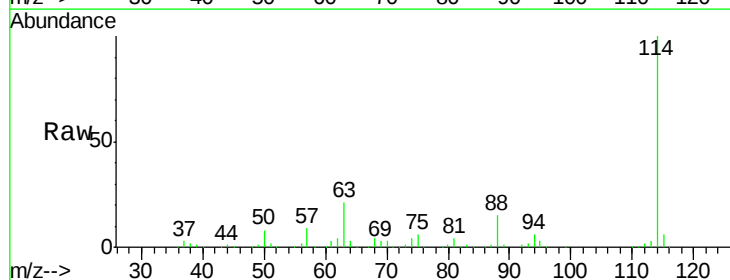
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-FB-20200630

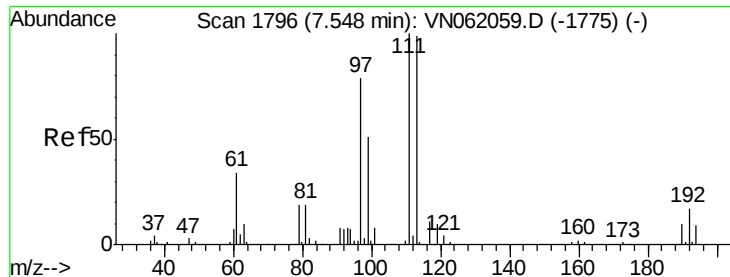
Tot Ion: 65 Resp: 147247
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062300.D
 Acq: 1 Jul 2020 18:31

Tgt Ion: 114 Resp: 359275
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 15.2 0.0 30.8

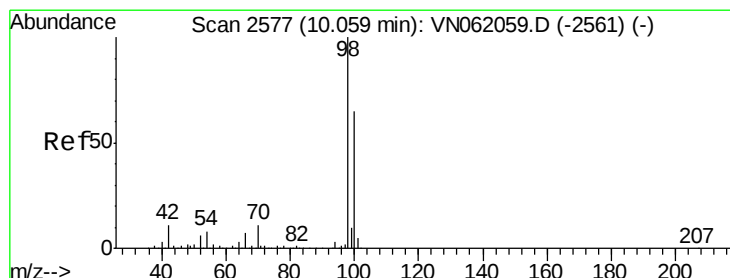
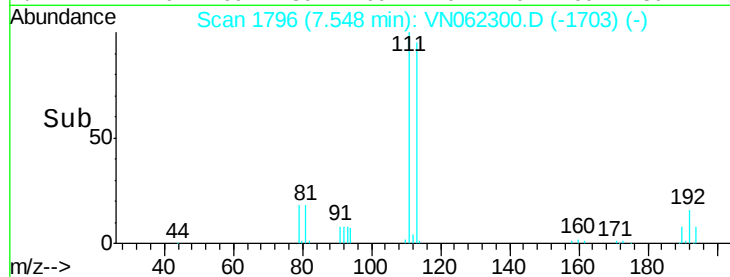
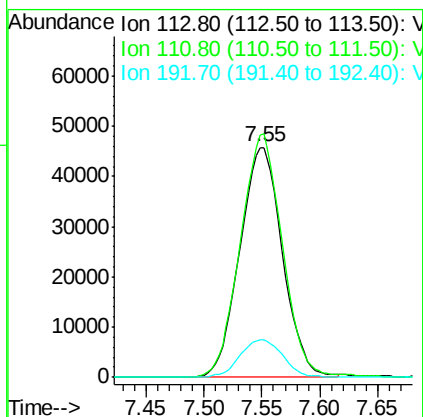
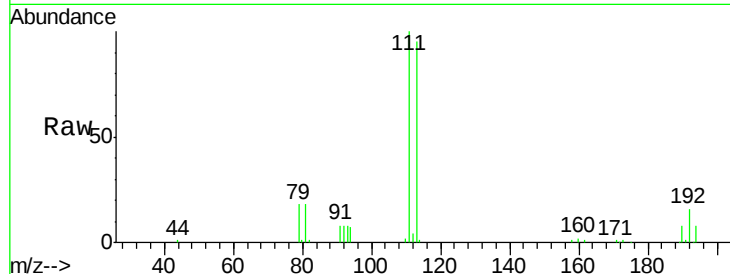




#35
 Dibromofluoromethane
 Concen: 50.830 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062300.D
 Acq: 1 Jul 2020 18:31

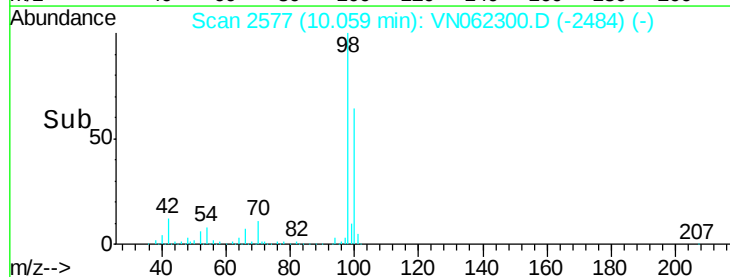
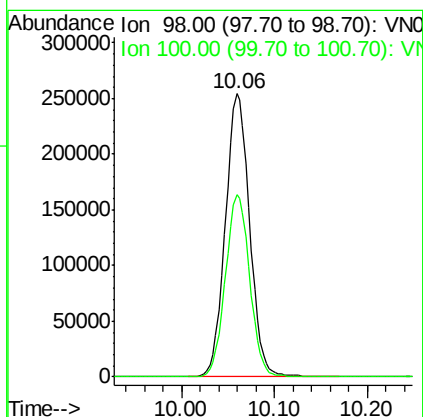
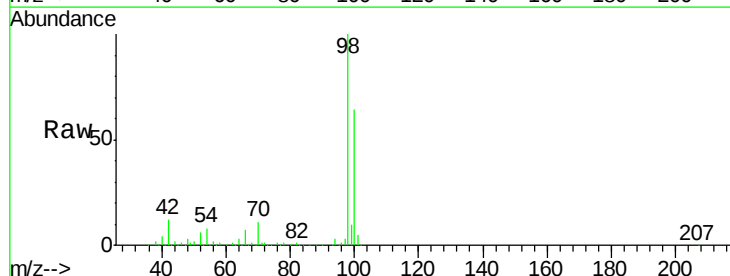
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-FB-20200630

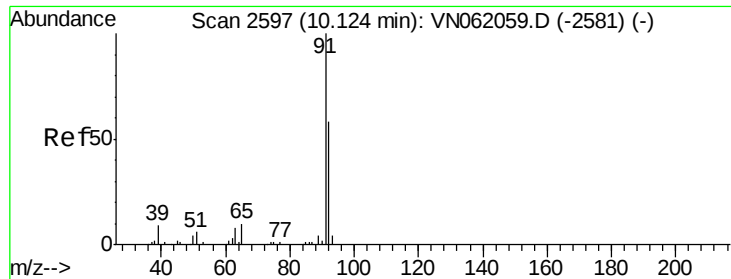
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.2	123.4
192	16.4	14.0	21.0



#50
 Toluene-d8
 Concen: 50.137 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062300.D
 Acq: 1 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#52

Toluene

Concen: 5.999 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062300.D

Acq: 1 Jul 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

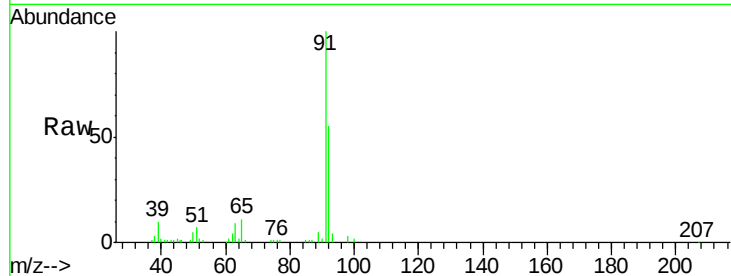
BP-MW180-FB-20200630

Tot Ion: 92 Resp: 40289

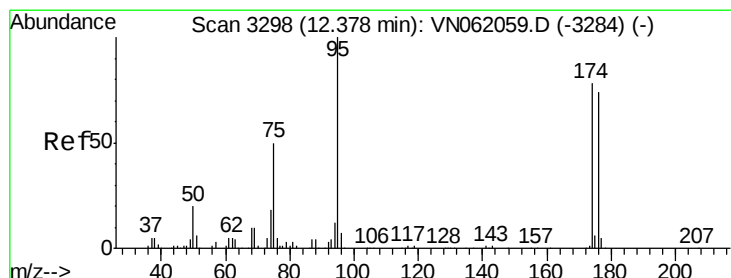
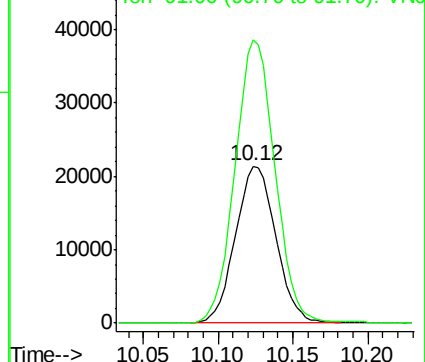
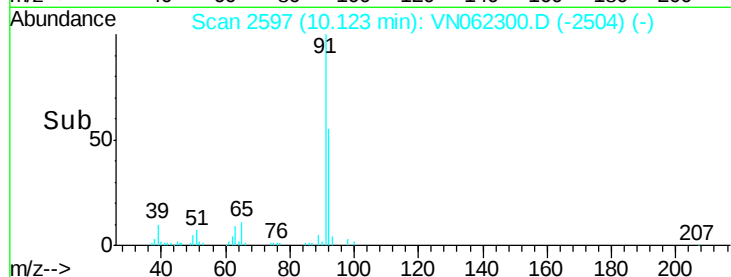
Ion Ratio Lower Upper

92 100

91 177.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062300.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 46.171 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062300.D

Acq: 1 Jul 2020 18:31

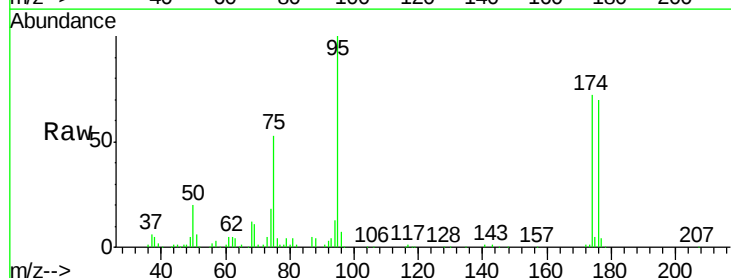
Tgt Ion: 95 Resp: 143725

Ion Ratio Lower Upper

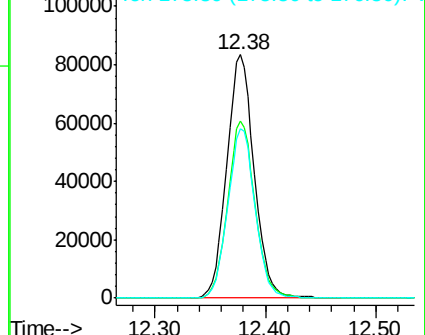
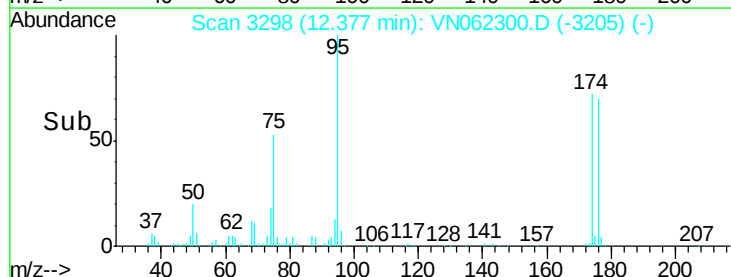
95 100

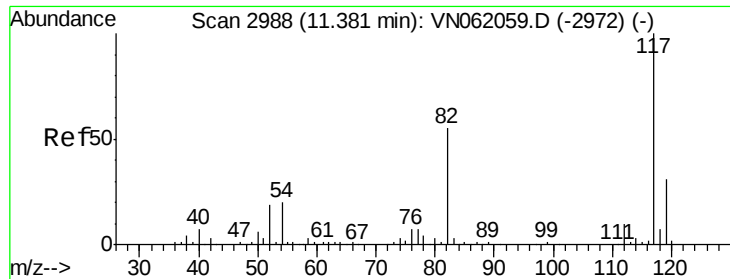
174 72.5 0.0 154.8

176 69.0 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062300.D (-3205) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062300.D

Acq: 1 Jul 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-FB-20200630

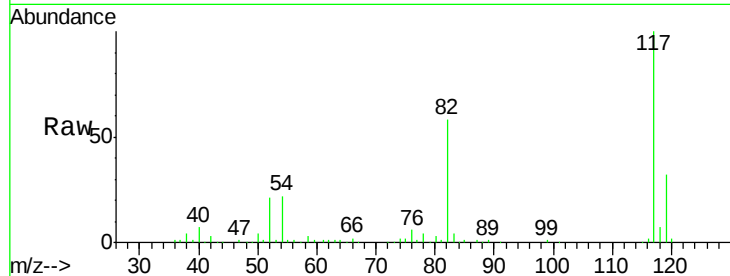
Tot Ion:117 Resp: 341205

Ion Ratio Lower Upper

117 100

82 58.2 43.8 65.8

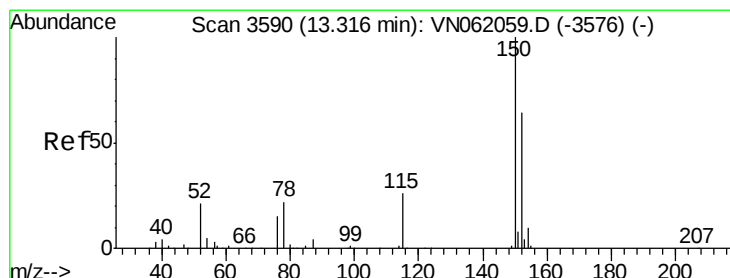
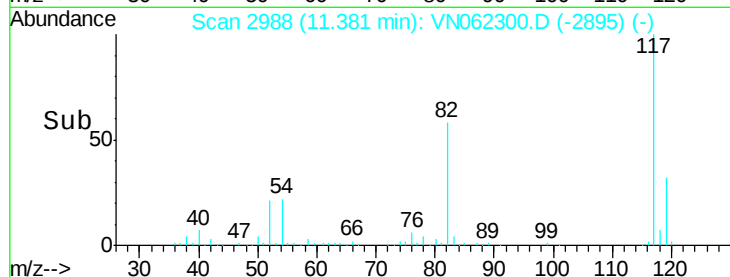
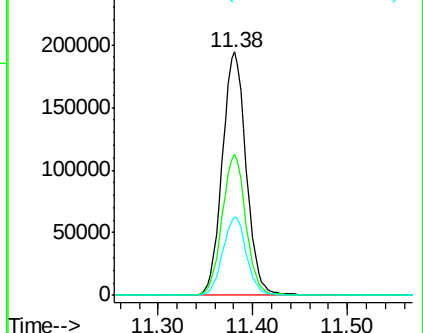
119 32.4 25.2 37.8



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# 3591

Delta R.T. 0.00 min

Lab File: VN062300.D

Acq: 1 Jul 2020 18:31

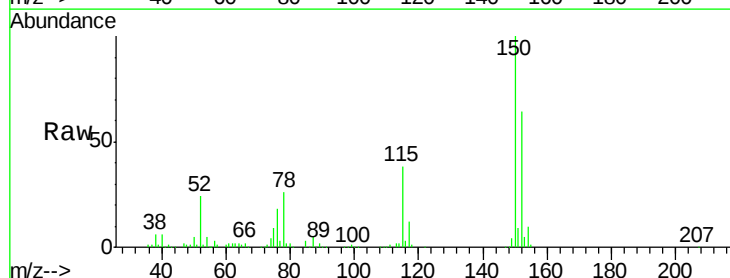
Tgt Ion:152 Resp: 117733

Ion Ratio Lower Upper

152 100

115 59.5 29.5 88.5

150 157.2 0.0 351.4



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

