

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061080.D
 Acq On : 18 Apr 2020 3:07
 Operator : JC/MD
 Sample : L2338-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW202I-20200415

Quant Time: Apr 20 07:05:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

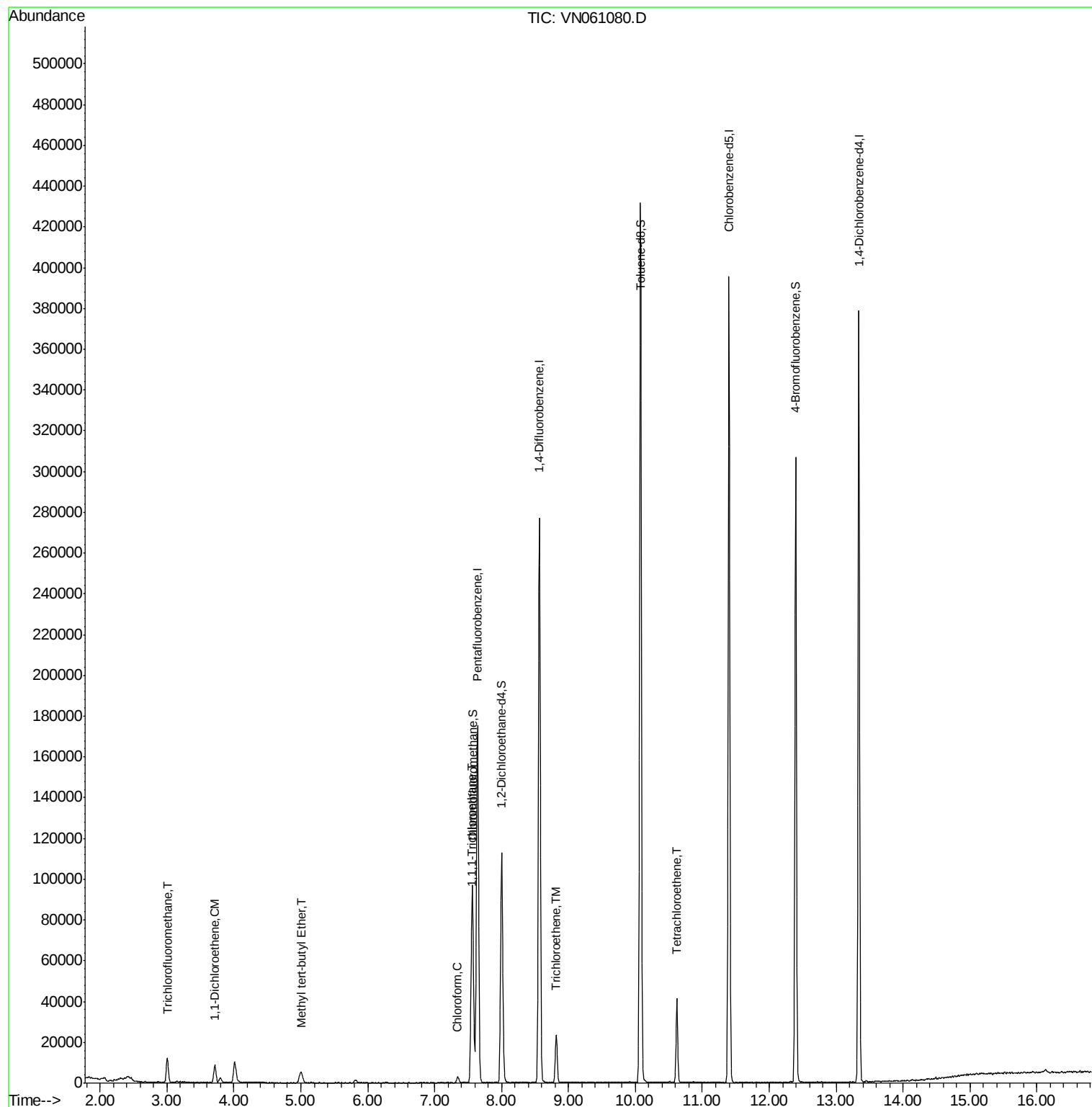
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97118	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.56	113	72779	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.08	98	297014	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
62) 4-Bromofluorobenzene	12.40	95	106563	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
7) Trichlorofluoromethane	3.01	101	11741	4.607	ug/l	99
12) 1,1-Dichloroethene	3.72	96	4913	3.232	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	9858	1.860	ug/l	94
30) Chloroform	7.34	83	3097	1.029	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	4576	1.758	ug/l	100
44) Trichloroethene	8.81	130	8863	4.799	ug/l	97
64) Tetrachloroethene	10.62	164	9539	5.613	ug/l	92

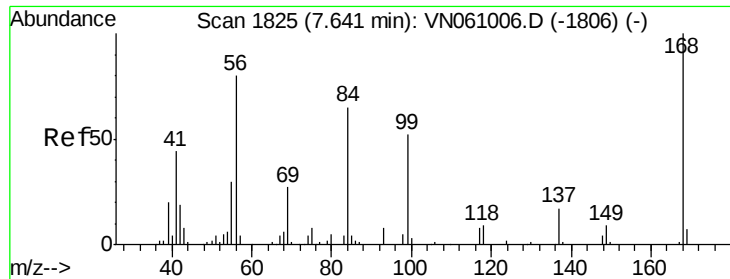
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061080.D
Acq On : 18 Apr 2020 3:07
Operator : JC/MD
Sample : L2338-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-MW202I-20200415

Quant Time: Apr 20 07:05:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

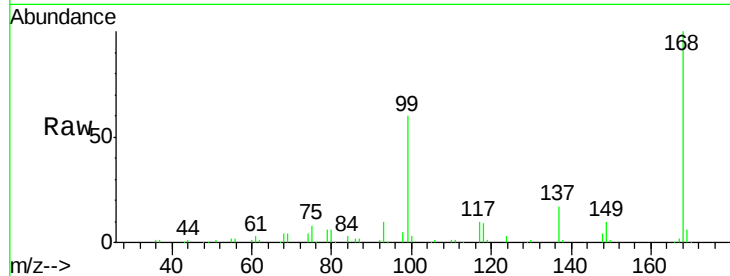
BP-MW202I-20200415

Tot Ion:168 Resp: 138894

Ion Ratio Lower Upper

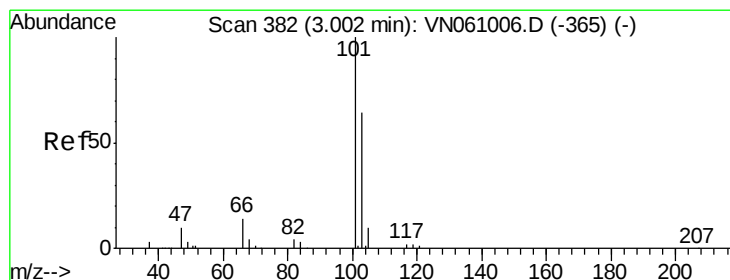
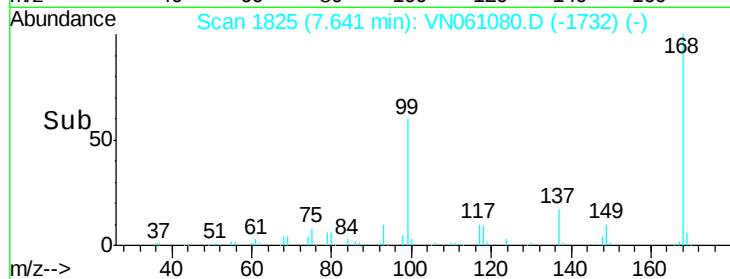
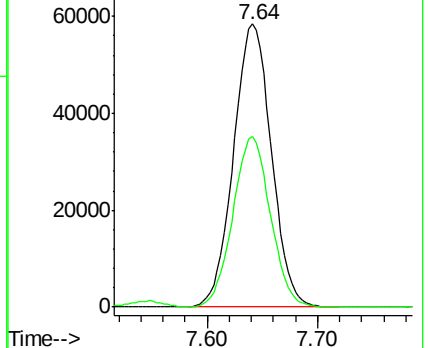
168 100

99 60.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#7

Trichlorofluoromethane

Concen: 4.607 ug/l

RT: 3.01 min Scan# 384

Delta R.T. 0.01 min

Lab File: VN061080.D

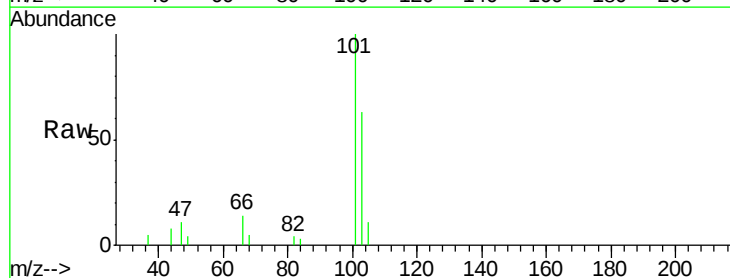
Acq: 18 Apr 2020 3:07

Tgt Ion:101 Resp: 11741

Ion Ratio Lower Upper

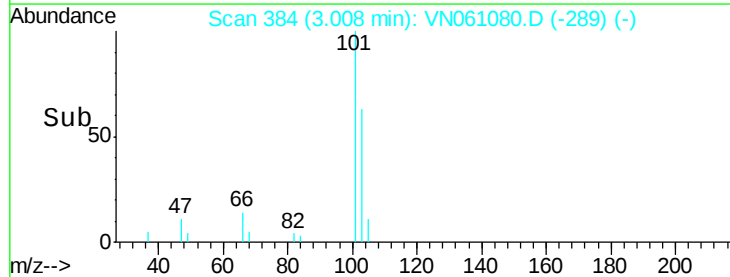
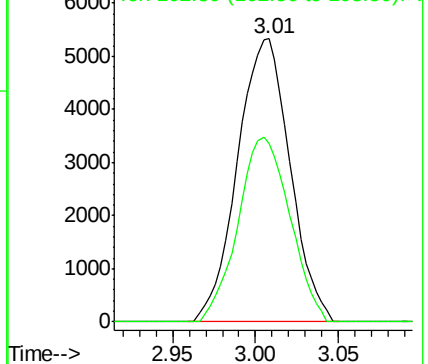
101 100

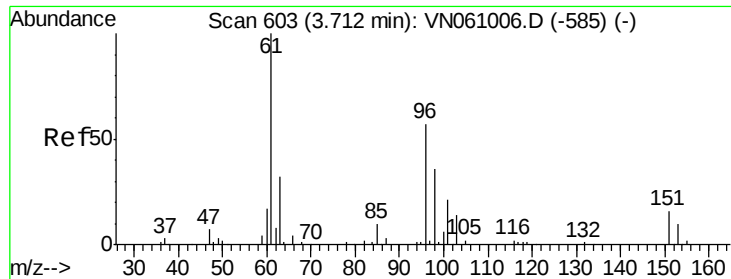
103 63.2 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#12

1,1-Dichloroethene

Concen: 3.232 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202I-20200415

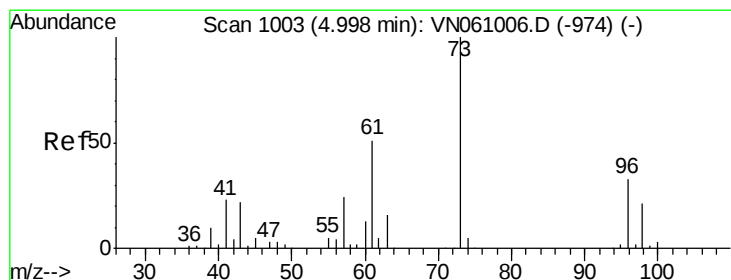
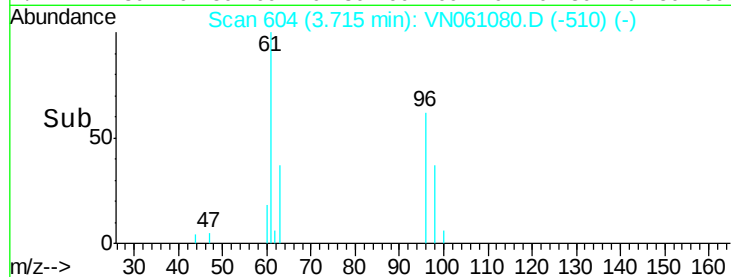
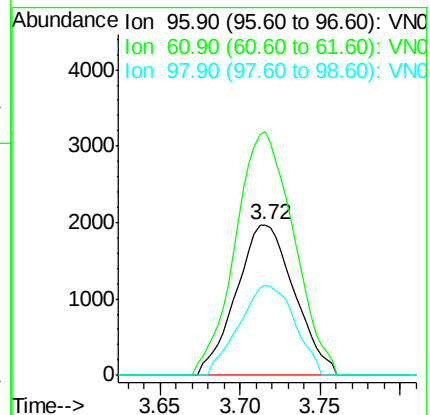
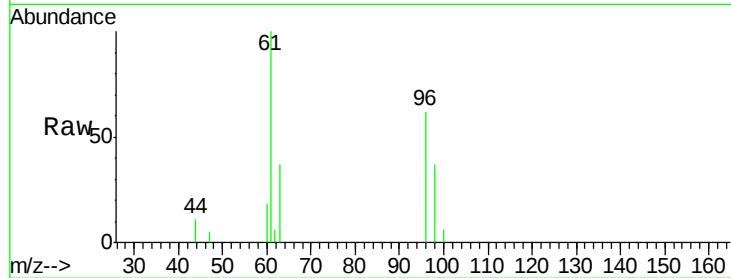
Tot Ion: 96 Resp: 4913

Ion Ratio Lower Upper

96 100

61 161.6 139.2 208.8

98 60.1 50.0 75.0



#19

Methyl tert-butyl Ether

Concen: 1.860 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.00 min

Lab File: VN061080.D

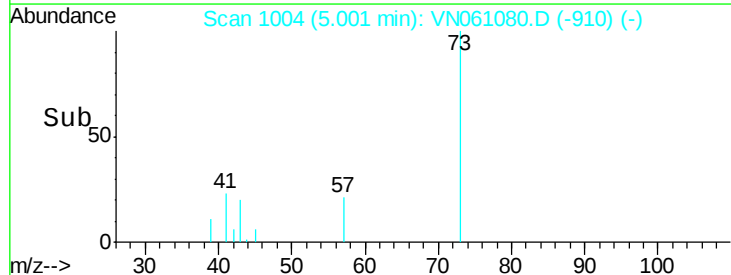
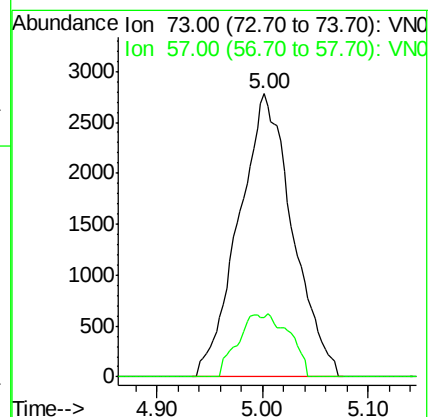
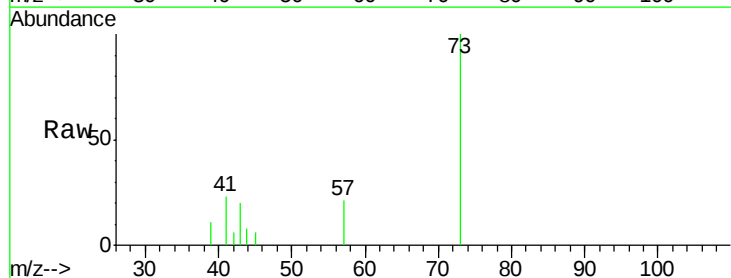
Acq: 18 Apr 2020 3:07

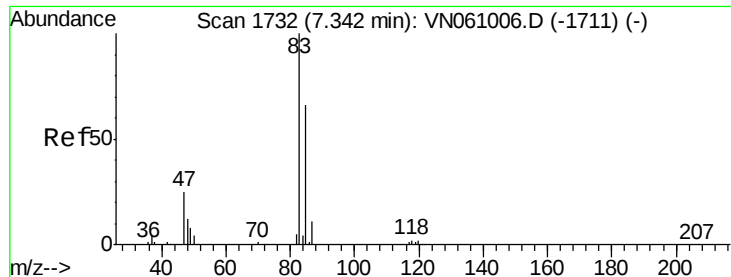
Tgt Ion: 73 Resp: 9858

Ion Ratio Lower Upper

73 100

57 20.9 19.0 28.4

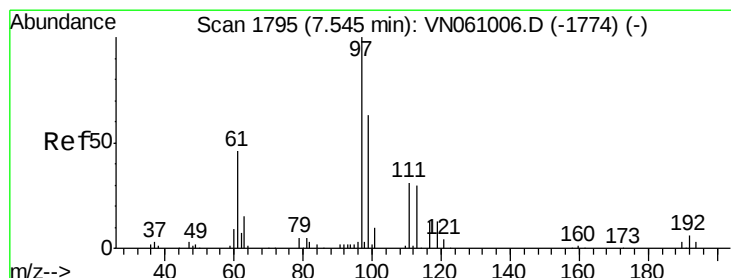
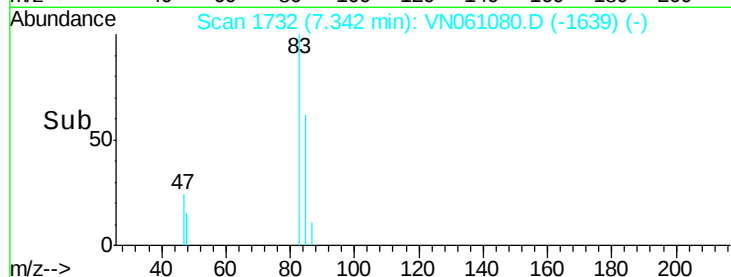
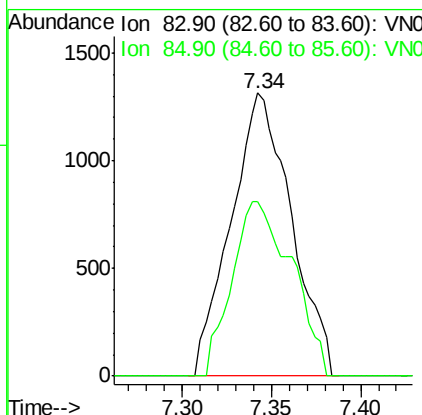
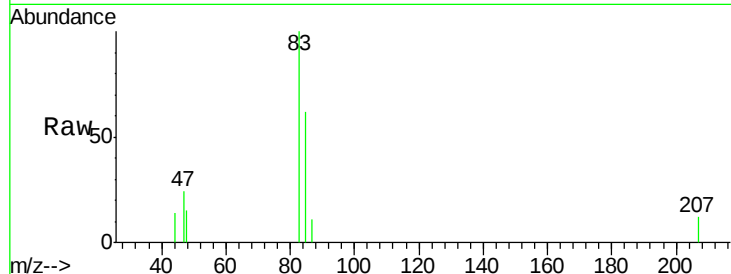




#30
 Chloroform
 Concen: 1.029 ug/l
 RT: 7.34 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VN061080.D
 Acq: 18 Apr 2020 3:07

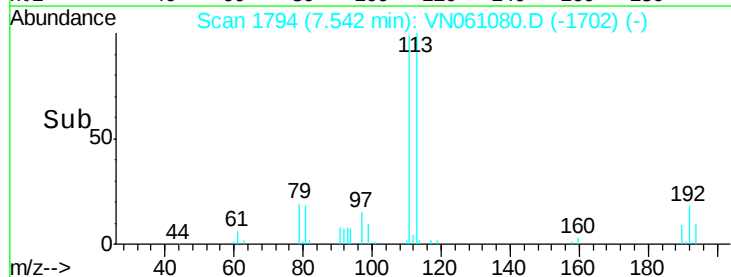
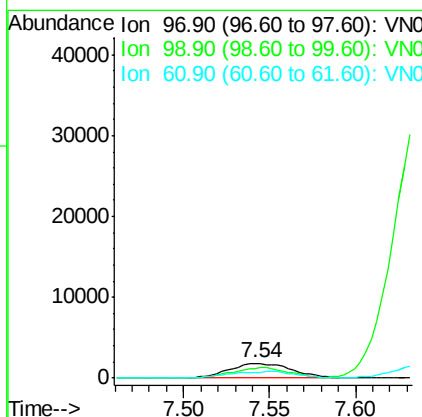
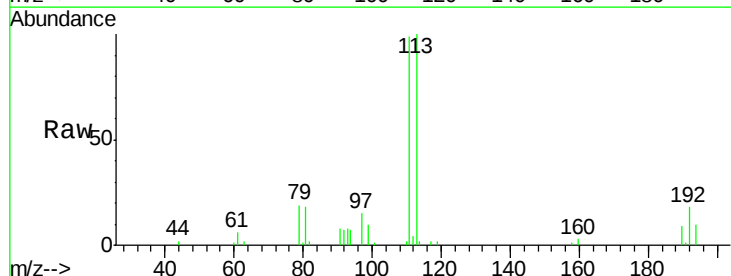
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW202I-20200415

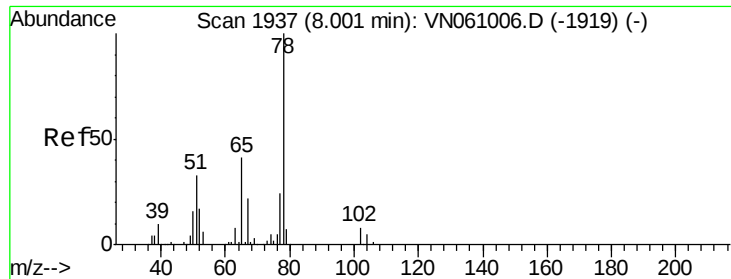
Tot Ion: 83 Resp: 3097
 Ion Ratio Lower Upper
 83 100
 85 61.6 52.8 79.2



#32
 1,1,1-Trichloroethane
 Concen: 1.758 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: VN061080.D
 Acq: 18 Apr 2020 3:07

Tgt Ion: 97 Resp: 4576
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.0 76.4
 61 46.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 54.651 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

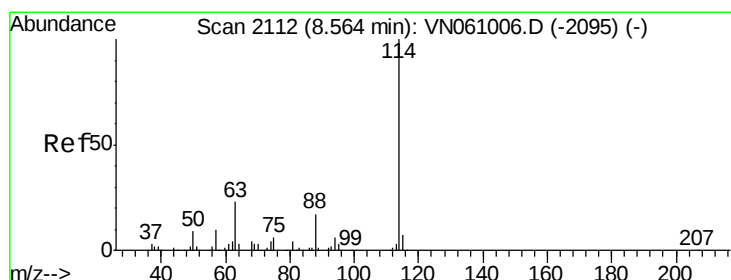
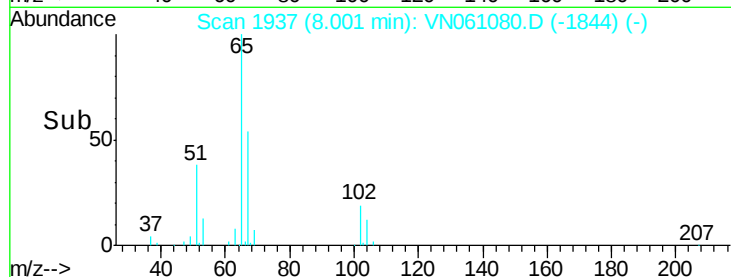
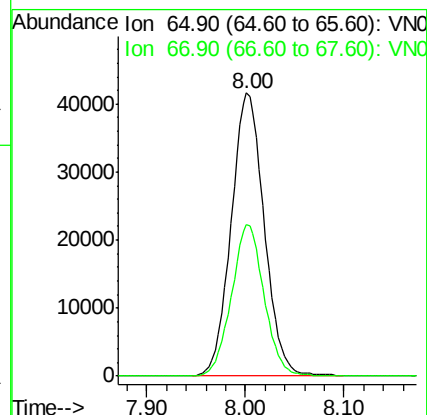
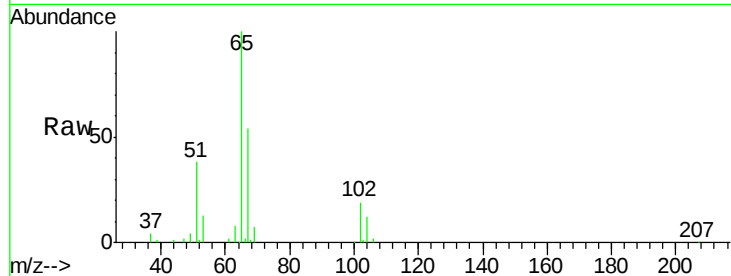
BP-MW202I-20200415

Tot Ion: 65 Resp: 97118

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

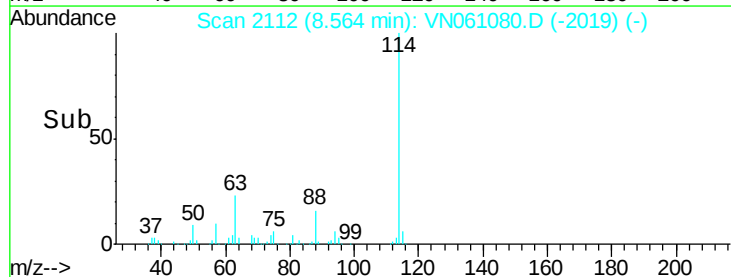
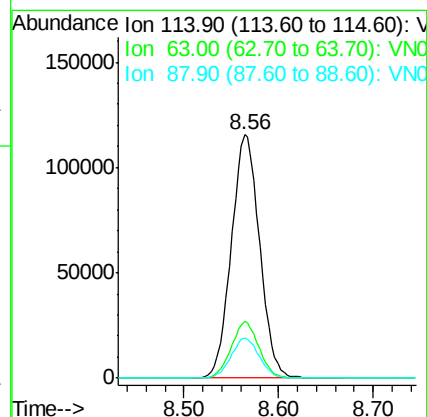
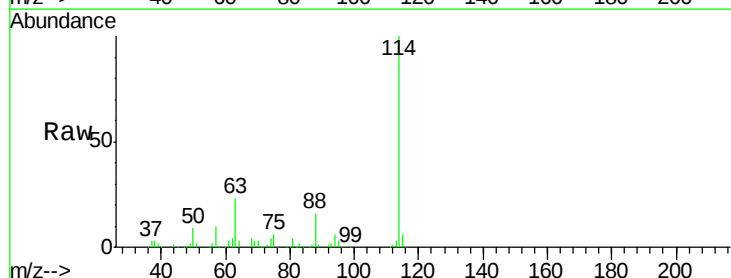
Tgt Ion: 114 Resp: 240099

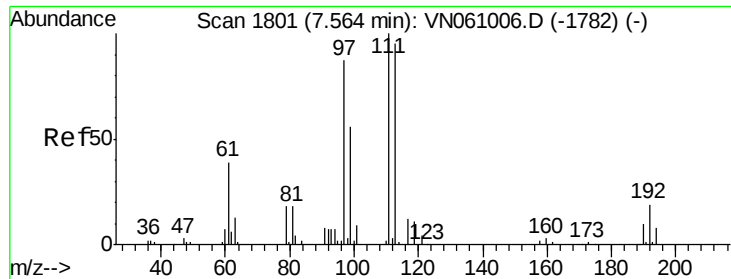
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 16.4 0.0 33.4

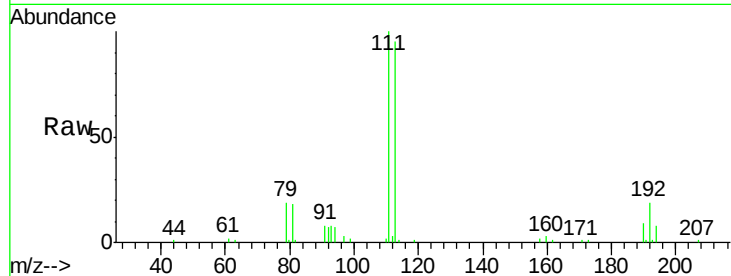




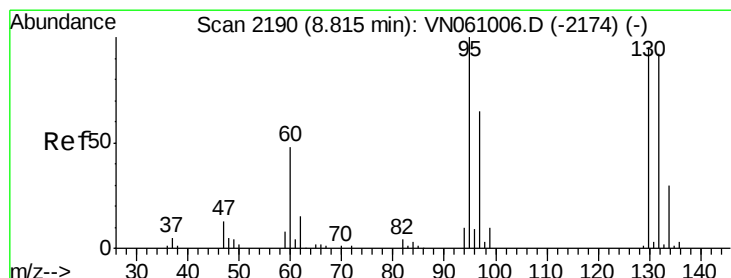
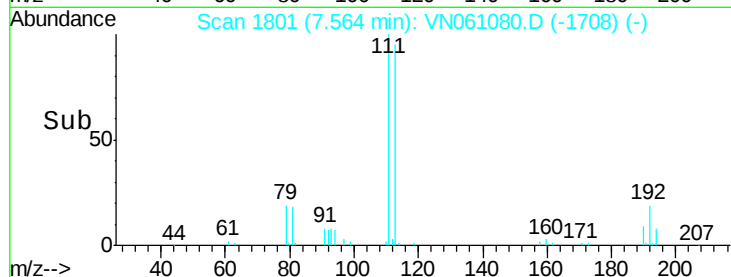
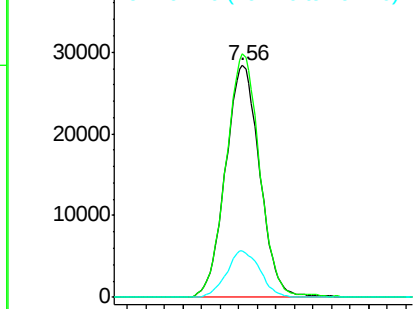
#35
 Dibromofluoromethane
 Concen: 51.905 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061080.D
 Acq: 18 Apr 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW202I-20200415

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	19.6	15.5	23.3

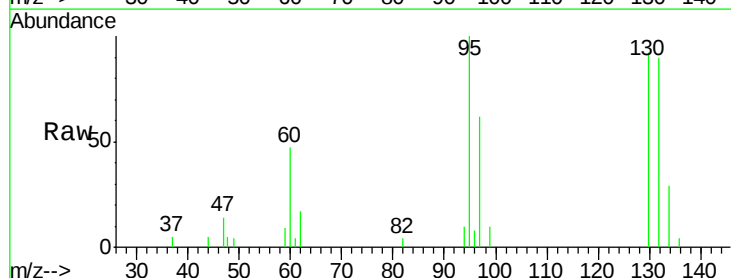


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

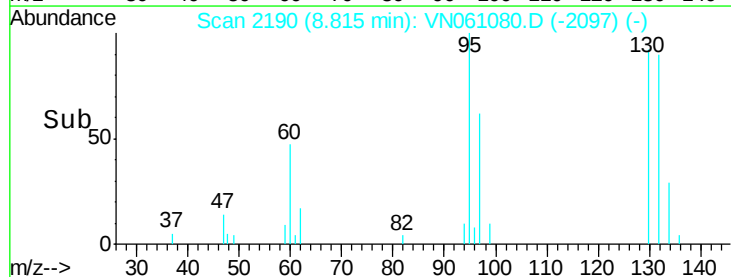
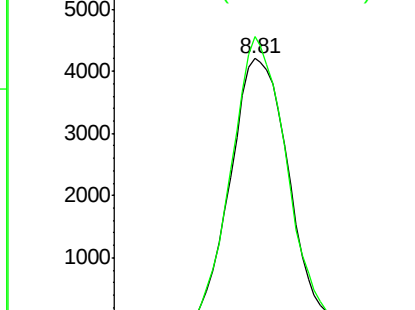


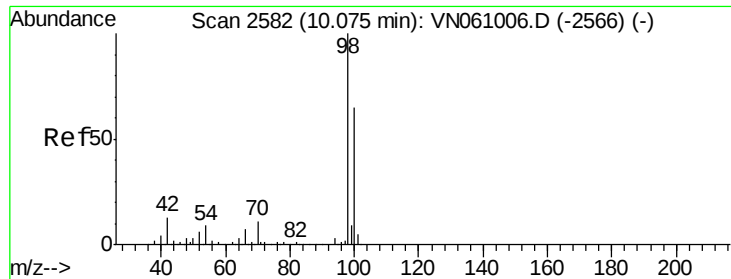
#44
 Trichloroethene
 Concen: 4.799 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VN061080.D
 Acq: 18 Apr 2020 3:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	210.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 56.057 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

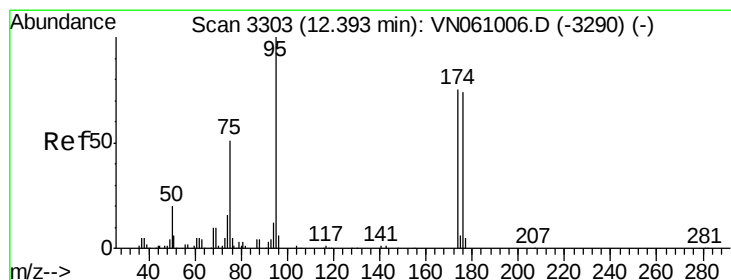
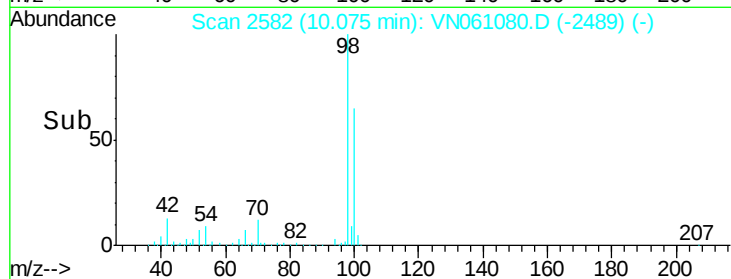
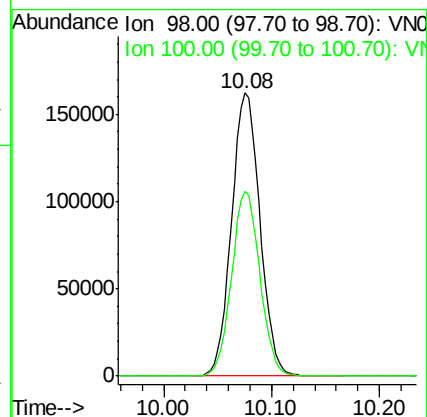
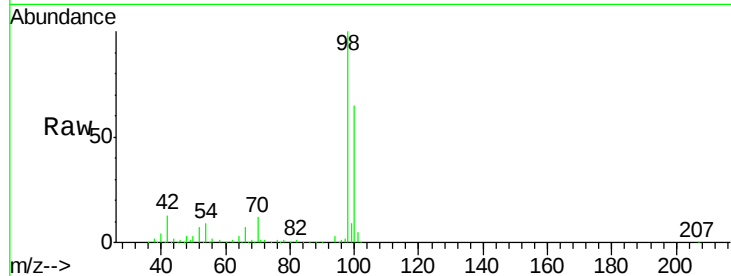
BP-MW202I-20200415

Tot Ion: 98 Resp: 297014

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.316 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

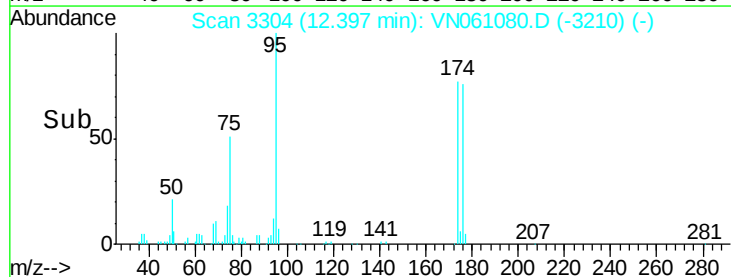
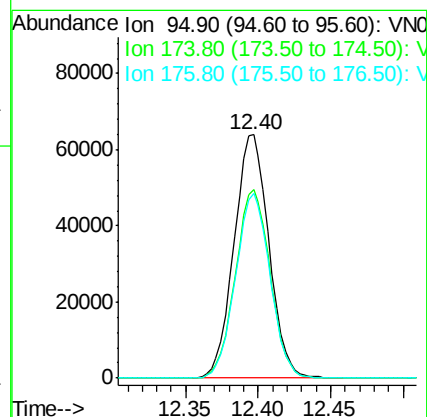
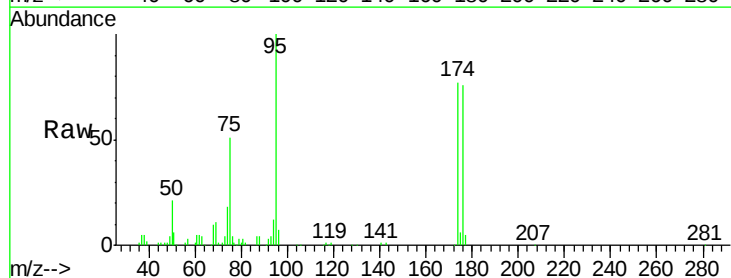
Tgt Ion: 95 Resp: 106563

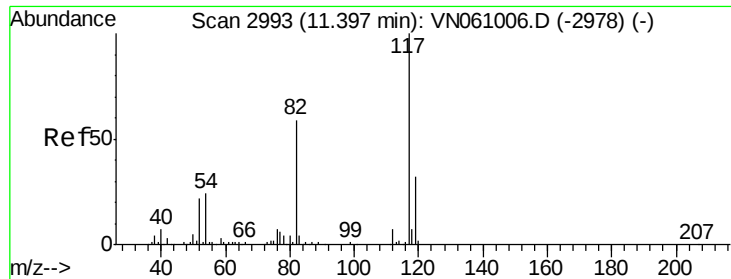
Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.2

176 74.9 0.0 148.2

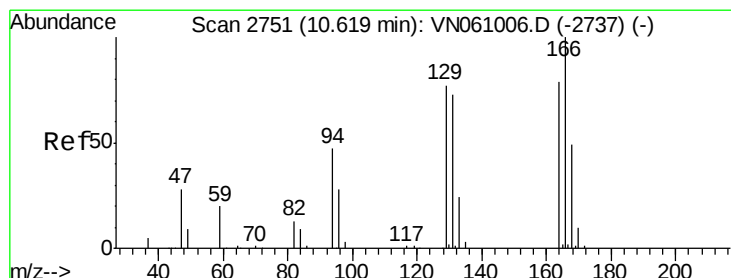
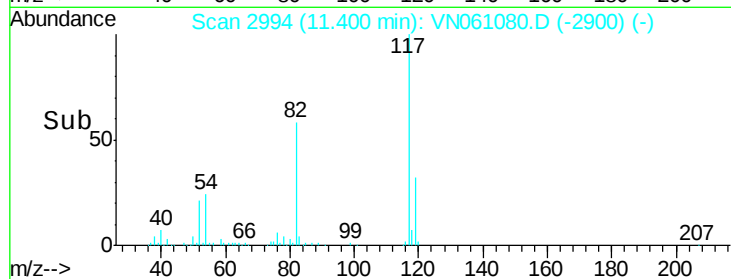
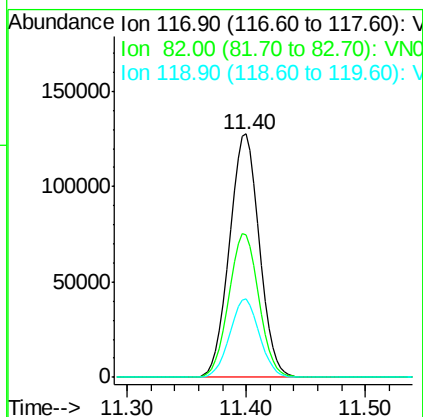
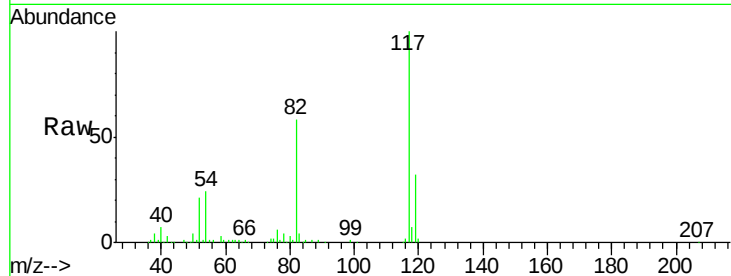




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061080.D
Acq: 18 Apr 2020 3:07

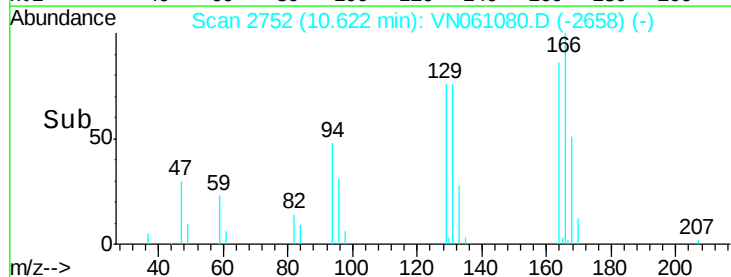
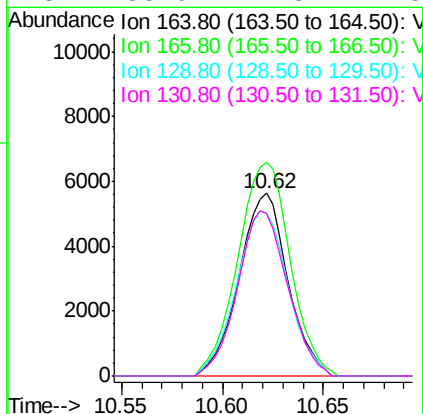
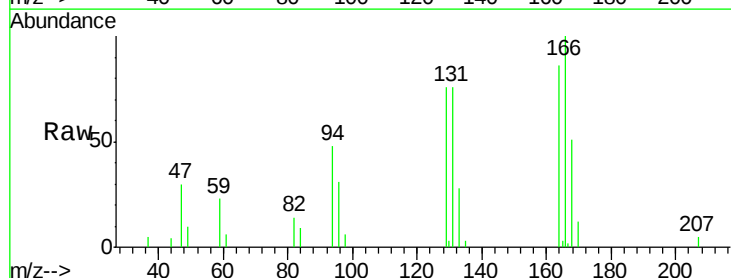
Instrument :
MSVOA_N
ClientSampleId :
BP-MW202I-20200415

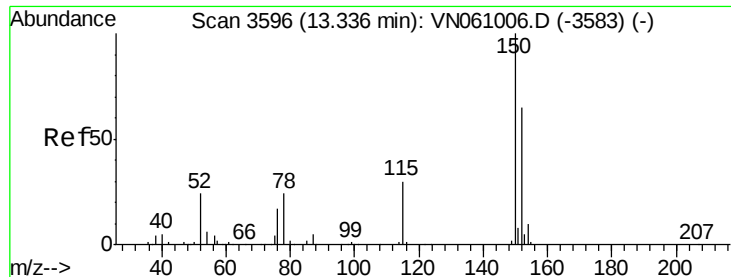
Tot Ion:117 Resp: 222086
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 5.613 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN061080.D
Acq: 18 Apr 2020 3:07

Tgt Ion:164 Resp: 9539
Ion Ratio Lower Upper
164 100
166 116.8 101.6 152.4
129 88.8 78.5 117.7
131 88.9 74.3 111.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061080.D

Acq: 18 Apr 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202I-20200415

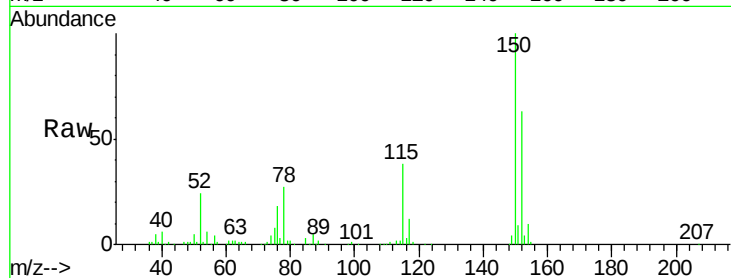
Tot Ion:152 Resp: 96540

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

150 158.6 0.0 349.0



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

