

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071620\
 Data File : VW015863.D
 Acq On : 16 Jul 2020 15:35
 Operator : SY/VA
 Sample : L3302-04
 Misc : 7.42G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-013-B

Quant Time: Jul 16 18:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

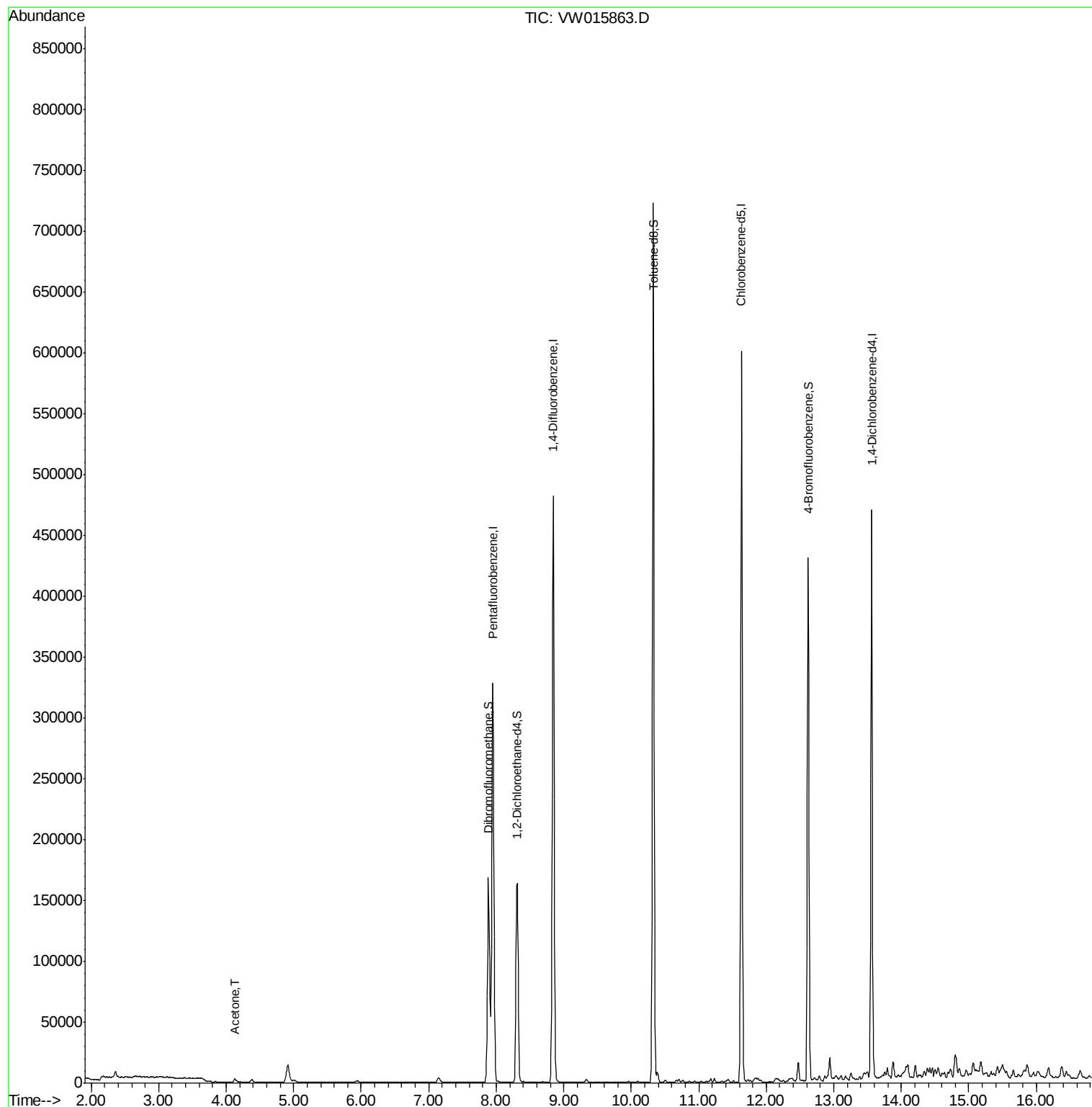
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136949	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
35) Dibromofluoromethane	7.88	113	119268	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	10.32	98	470487	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	138555	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
16) Acetone	4.12	43	4905	10.781	ug/l	Qvalue 93

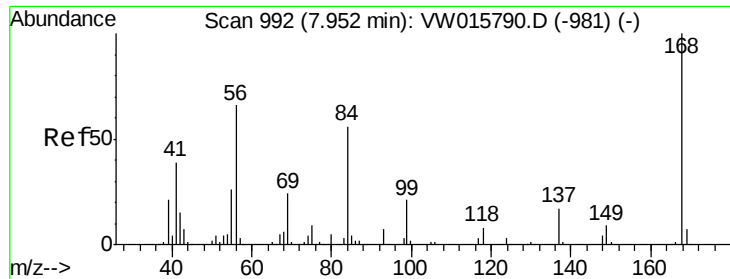
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Acq: 16 Jul 2020 15:35

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MSVOA_W

ClientSampleId :

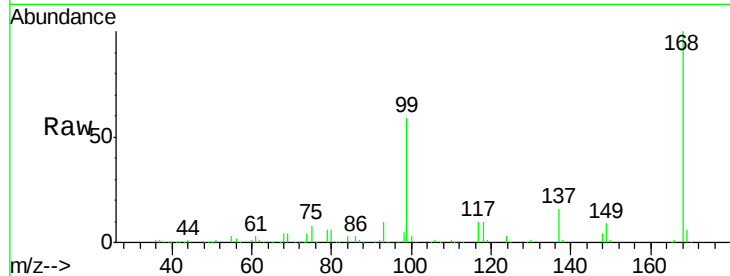
FK-GF-03-013-B

Tot Ion:168 Resp: 236121

Ion Ratio Lower Upper

168 100

99 59.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

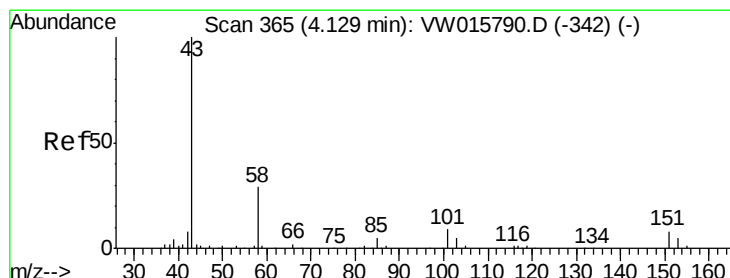
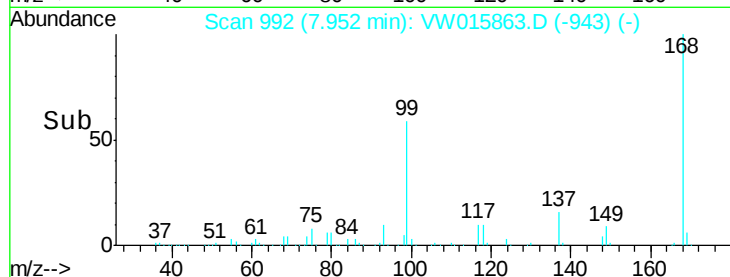
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 10.781 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015863.D

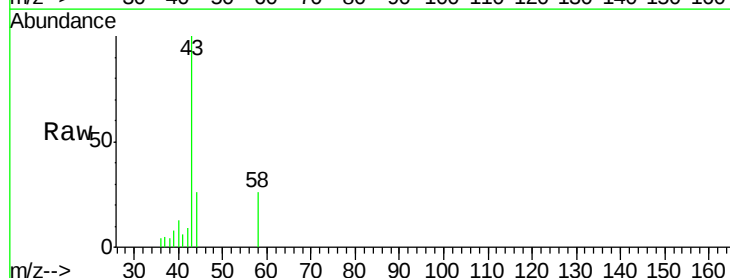
Acq: 16 Jul 2020 15:35

Tgt Ion: 43 Resp: 4905

Ion Ratio Lower Upper

43 100

58 25.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

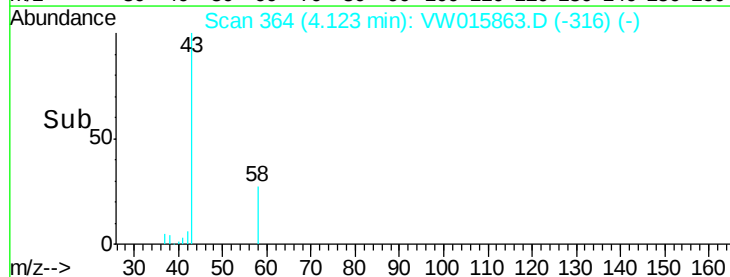
1500

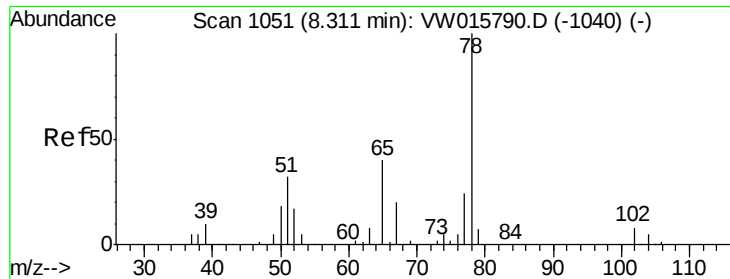
1000

500

0

Time--> 4.00 4.05 4.10 4.15 4.20

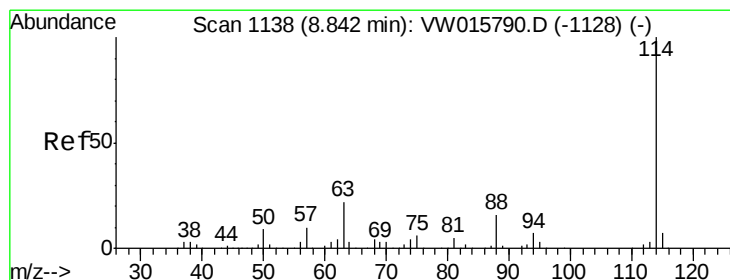
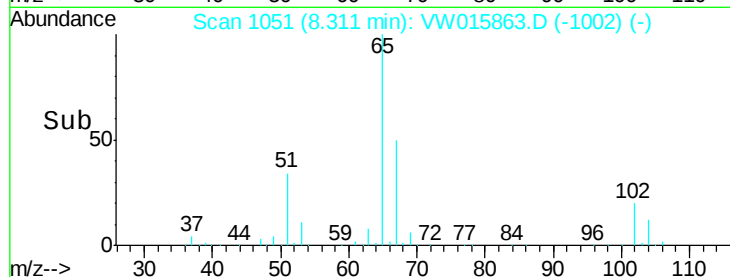
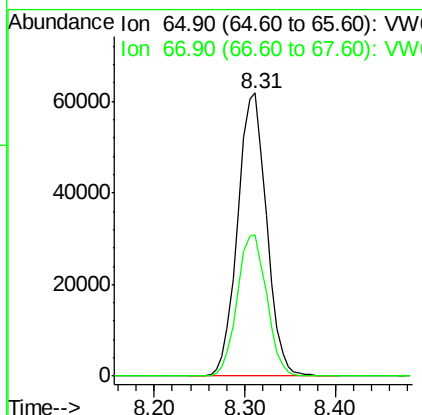
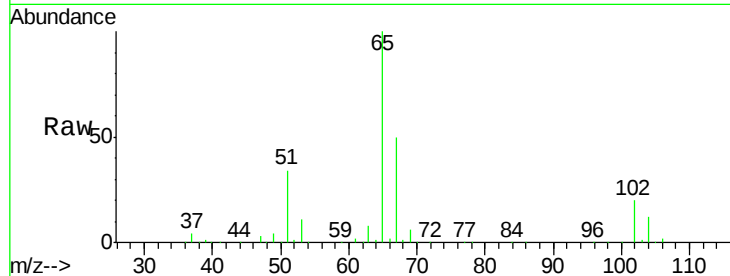




#33
 1,2-Dichloroethane-d4
 Concen: 56.324 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015863.D
 Acq: 16 Jul 2020 15:35

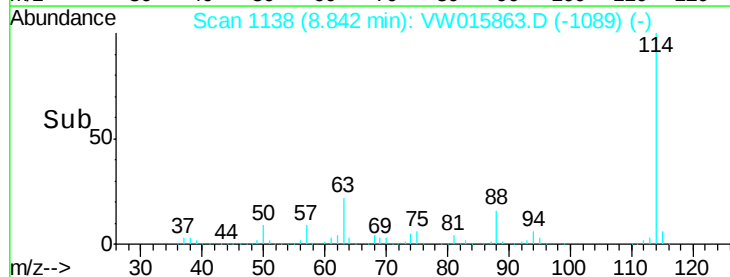
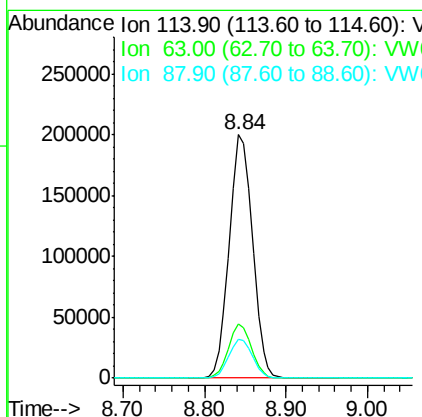
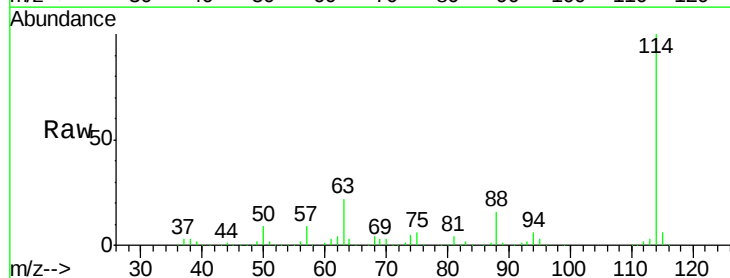
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-013-B

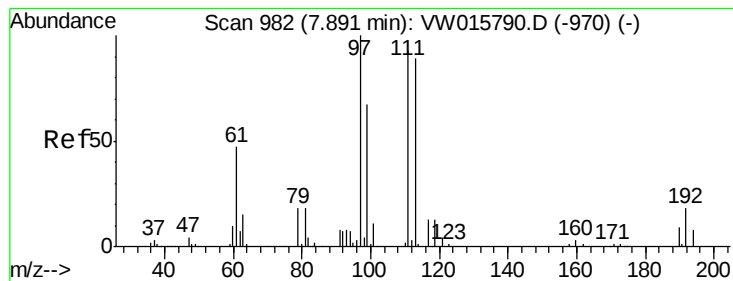
Tot Ion: 65 Resp: 136949
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015863.D
 Acq: 16 Jul 2020 15:35

Tgt Ion: 114 Resp: 393943
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.893 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015863.D

Acq: 16 Jul 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-013-B

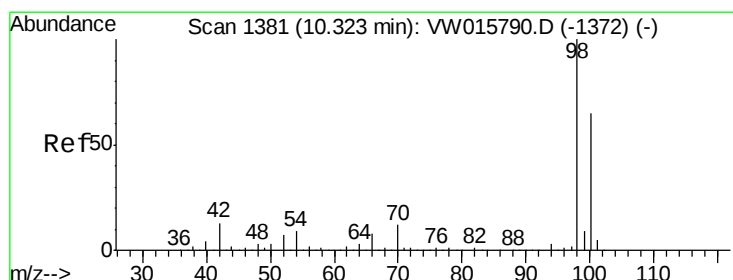
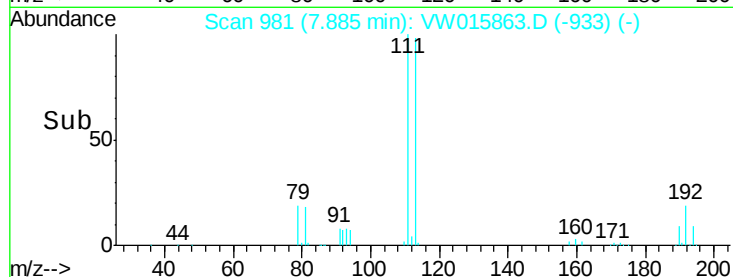
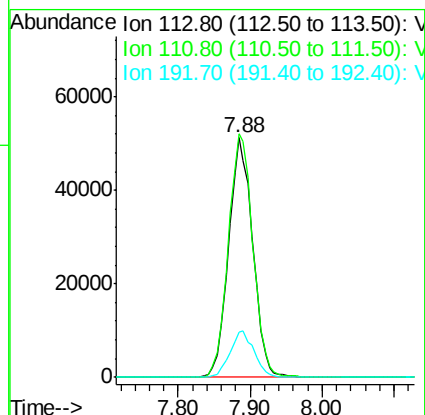
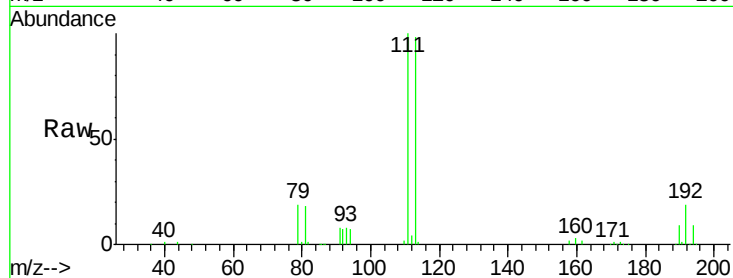
Tot Ion:113 Resp: 119268

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 53.293 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015863.D

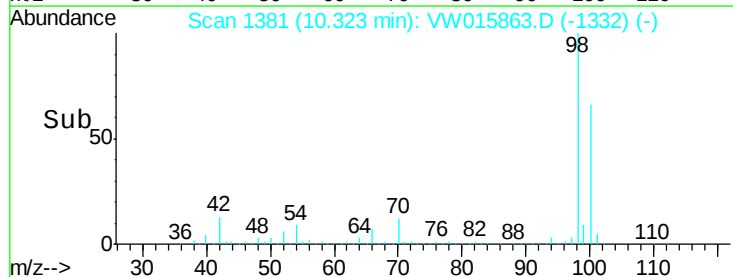
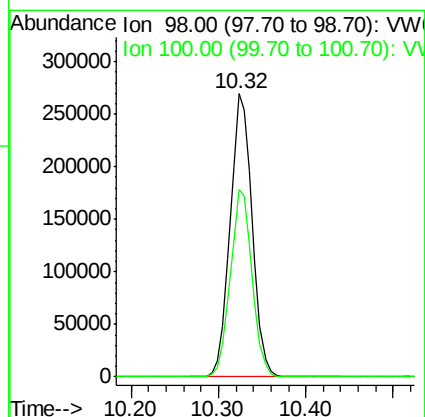
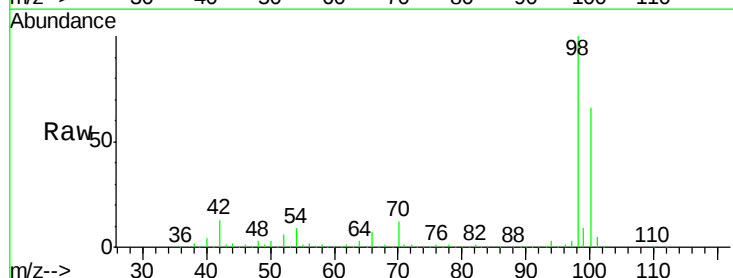
Acq: 16 Jul 2020 15:35

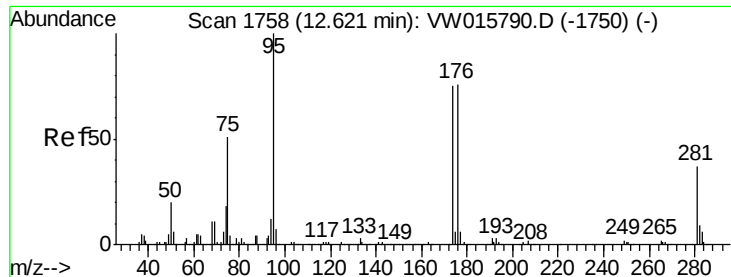
Tgt Ion: 98 Resp: 470487

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 42.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015863.D

Acq: 16 Jul 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-013-B

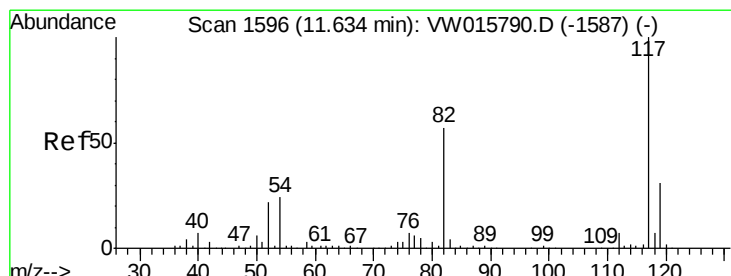
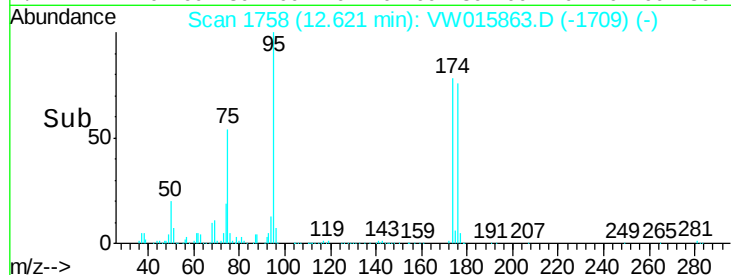
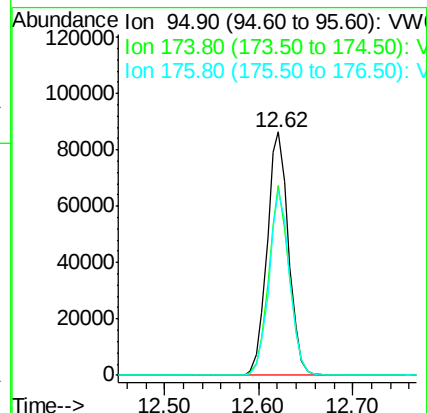
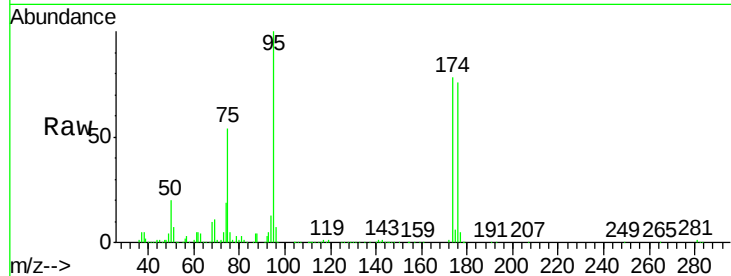
Tot Ion: 95 Resp: 138555

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.2

176 72.7 0.0 148.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015863.D

Acq: 16 Jul 2020 15:35

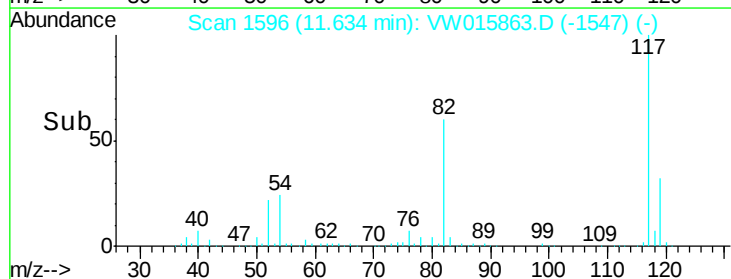
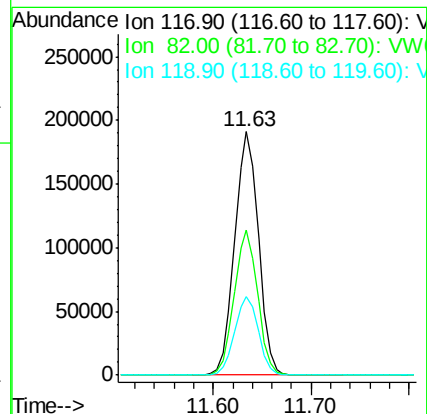
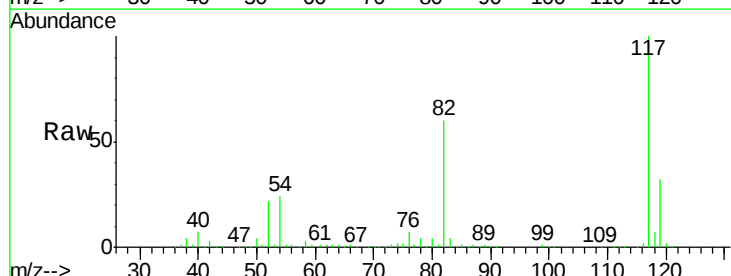
Tgt Ion: 117 Resp: 322247

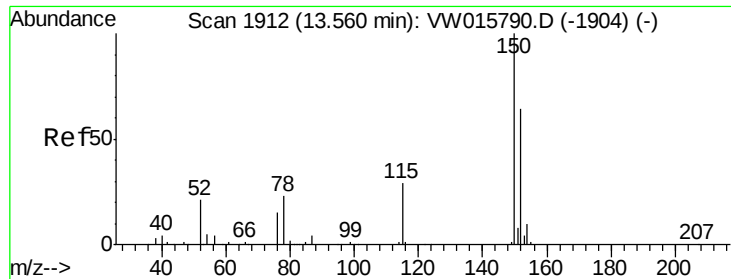
Ion Ratio Lower Upper

117 100

82 59.6 45.5 68.3

119 32.0 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015863.D

Acq: 16 Jul 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-013-B

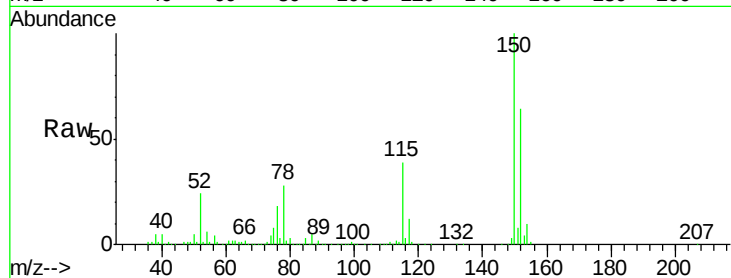
Tot Ion:152 Resp: 115573

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

150 157.9 0.0 350.8



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

