

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008601.D
 Acq On : 11 Feb 2019 16:55
 Operator : SY/VA
 Sample : K1458-09
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

Quant Time: Feb 12 05:11:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	24697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	9360	61.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.42%	
35) Dibromofluoromethane	7.88	113	8464	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
50) Toluene-d8	10.32	98	29208	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	9709	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	

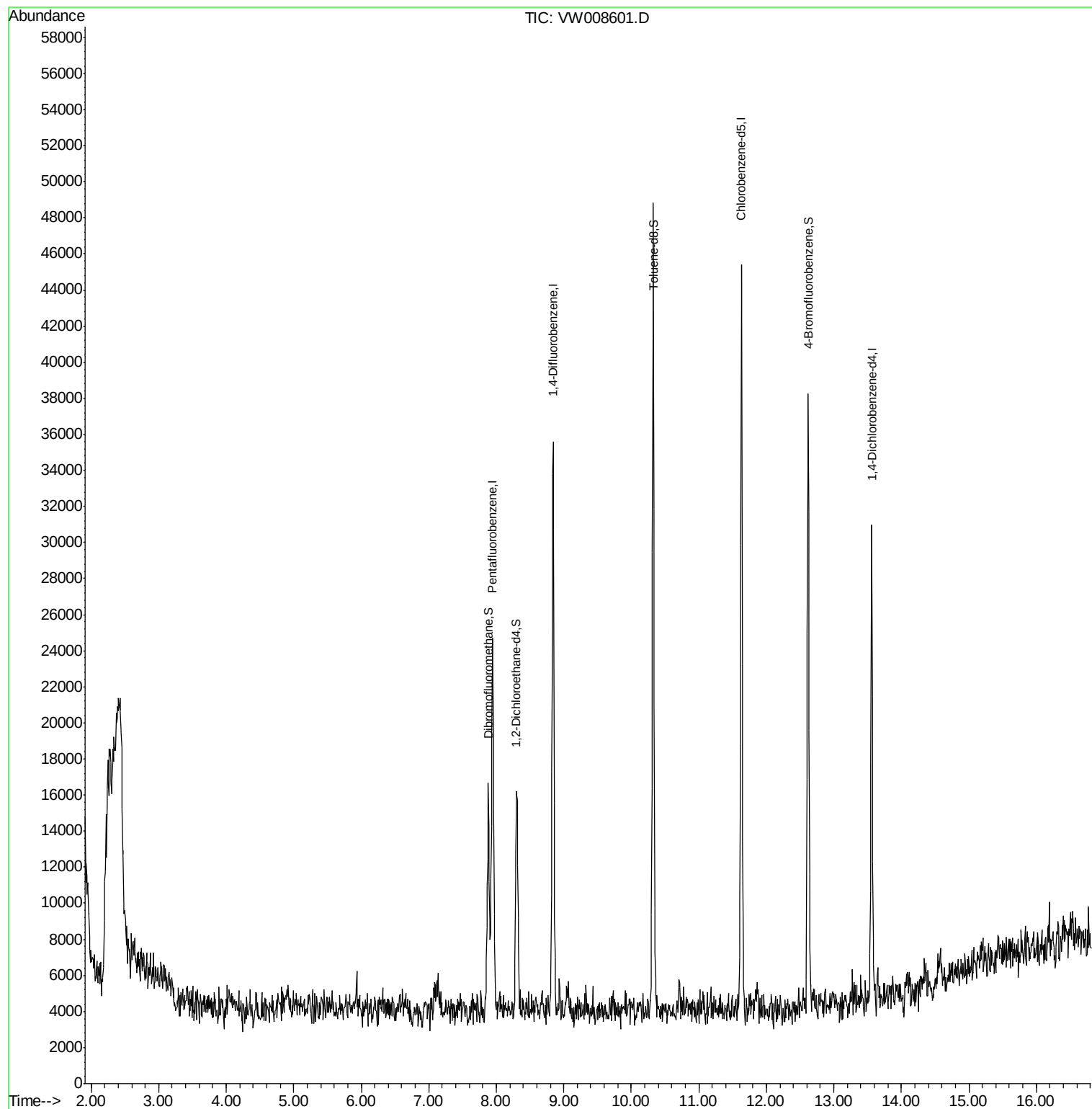
Target Compounds Qvalue

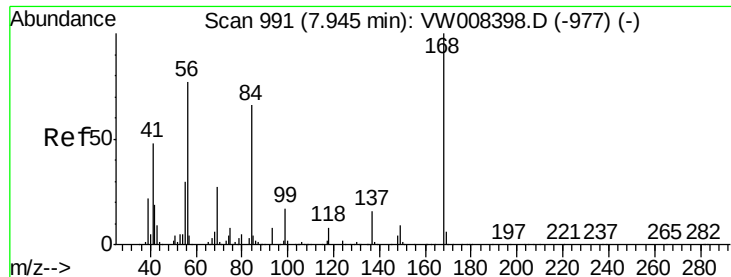
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008601.D

Acq: 11 Feb 2019 16:55

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MSVOA_W

ClientSampleId :

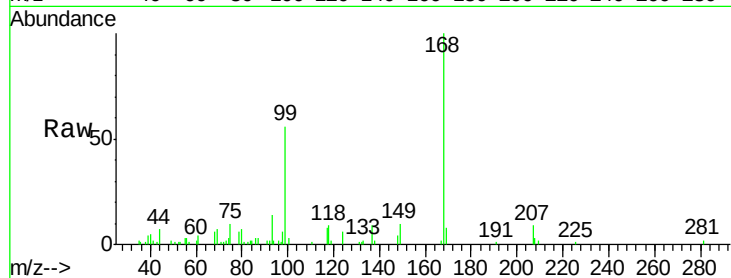
SB-6

Tot Ion:168 Resp: 15440

Ion Ratio Lower Upper

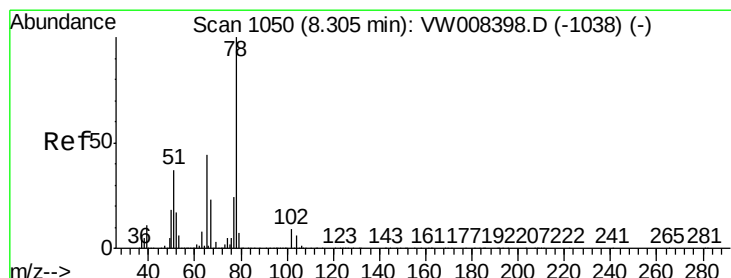
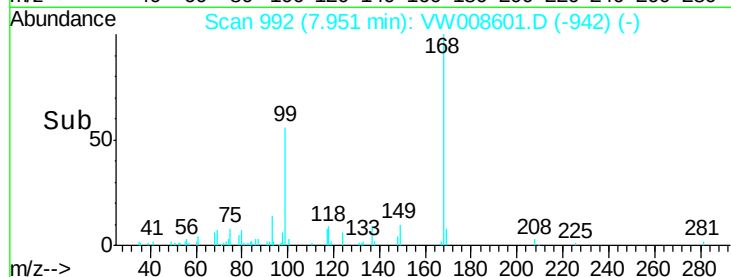
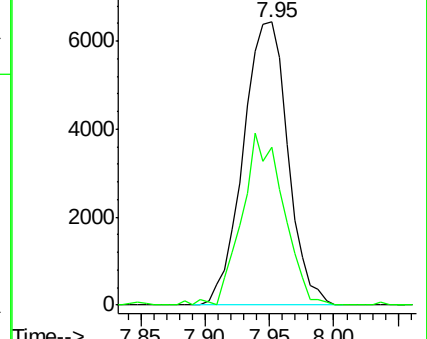
168 100

99 55.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 61.707 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008601.D

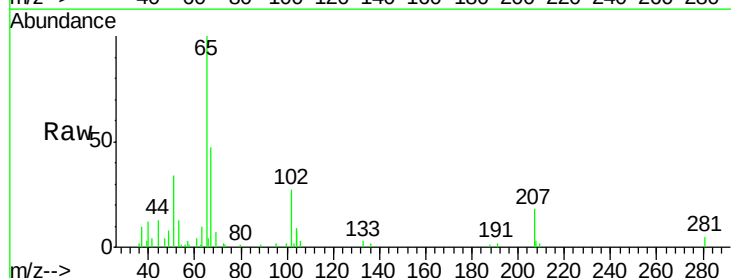
Acq: 11 Feb 2019 16:55

Tgt Ion: 65 Resp: 9360

Ion Ratio Lower Upper

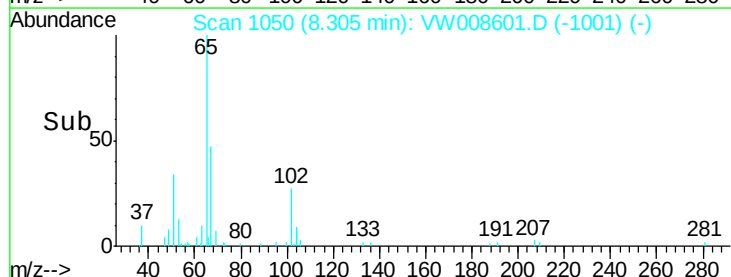
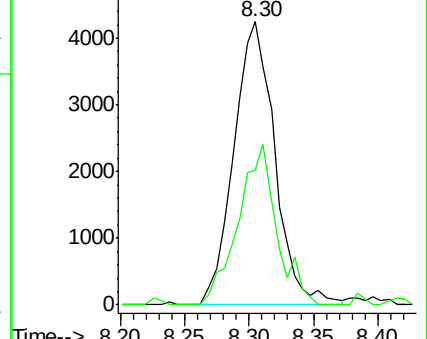
65 100

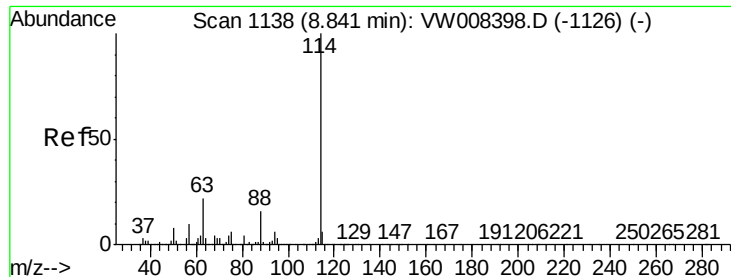
67 53.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

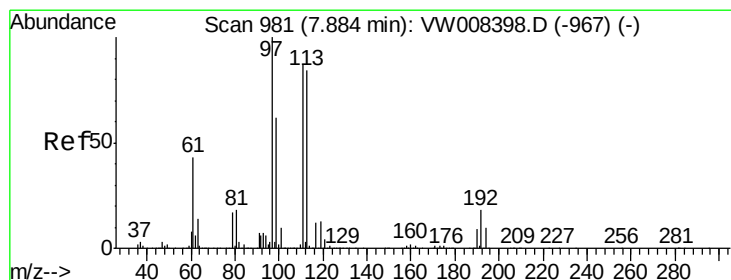
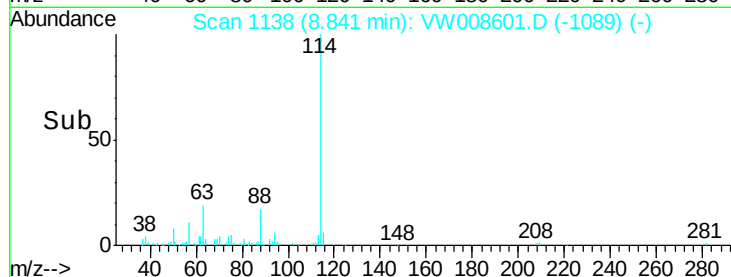
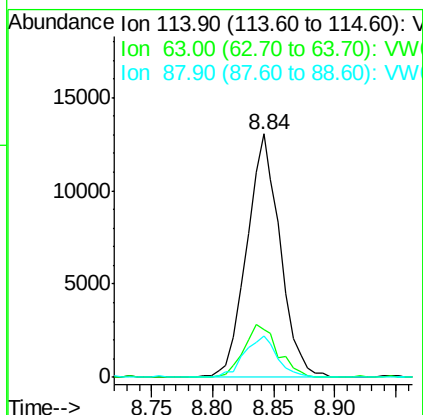
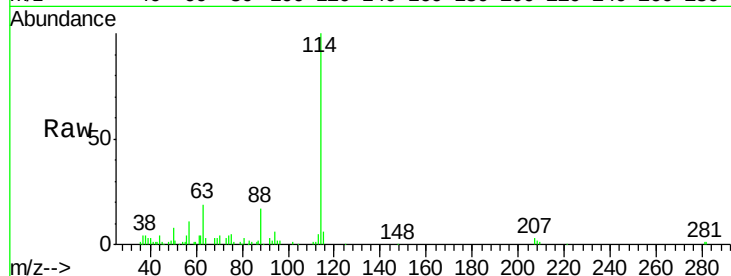




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008601.D
 Acq: 11 Feb 2019 16:55

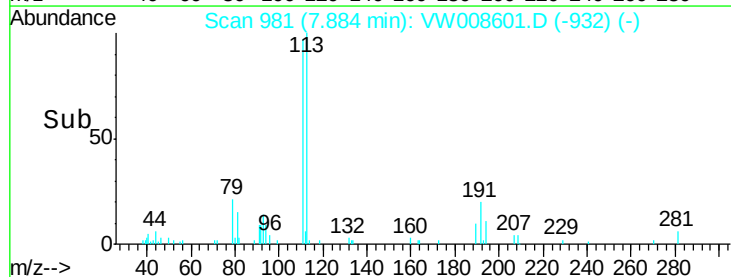
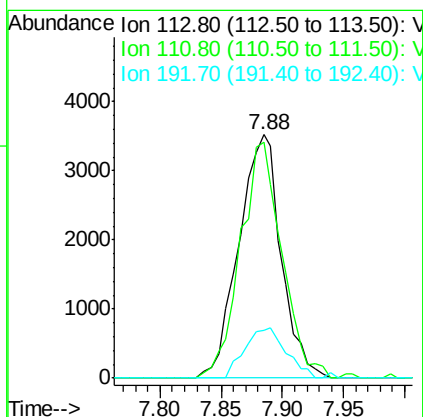
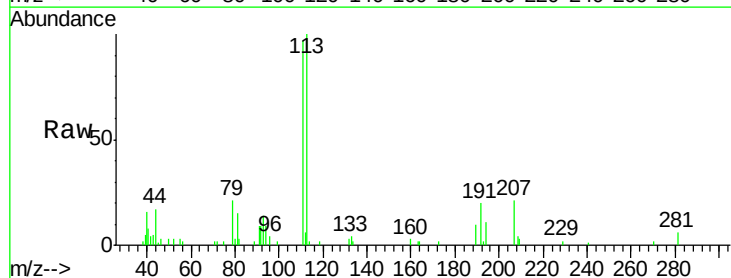
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

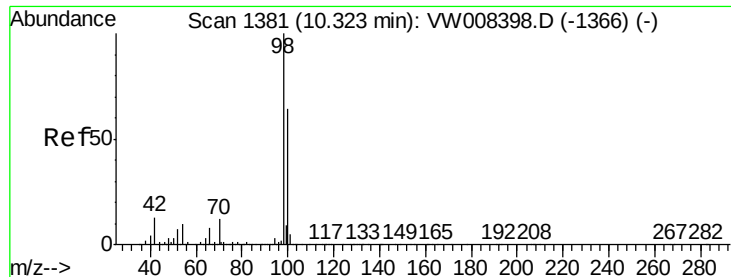
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.6
88	16.9	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 58.610 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008601.D
 Acq: 11 Feb 2019 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	95.1	81.0	121.4
192	19.9	16.8	25.2





#50

Toluene-d8

Concen: 50.437 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008601.D

Acq: 11 Feb 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

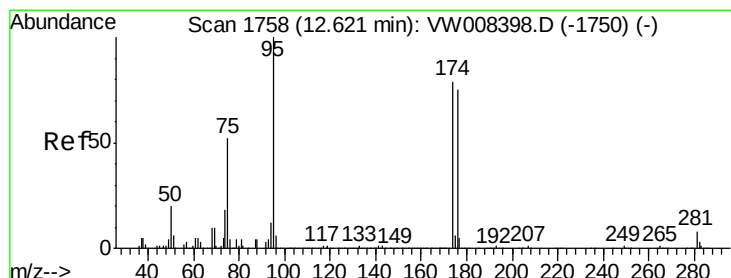
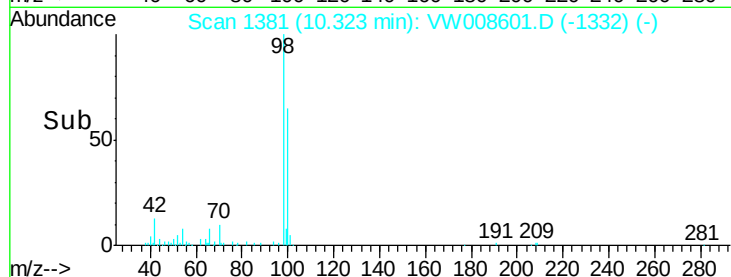
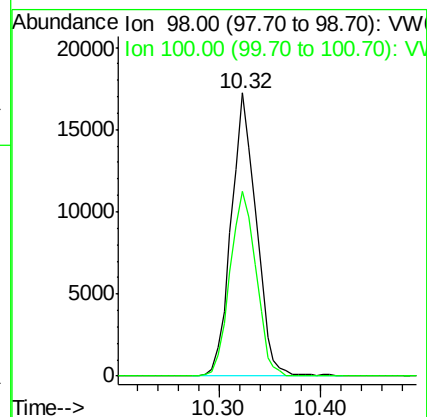
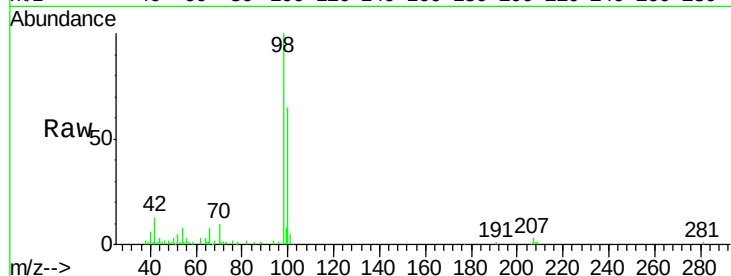
SB-6

Tot Ion: 98 Resp: 29208

Ion Ratio Lower Upper

98 100

100 67.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 43.617 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008601.D

Acq: 11 Feb 2019 16:55

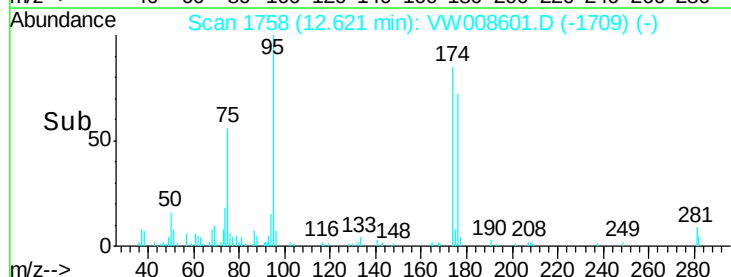
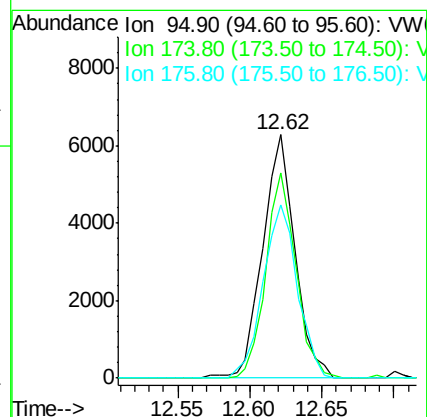
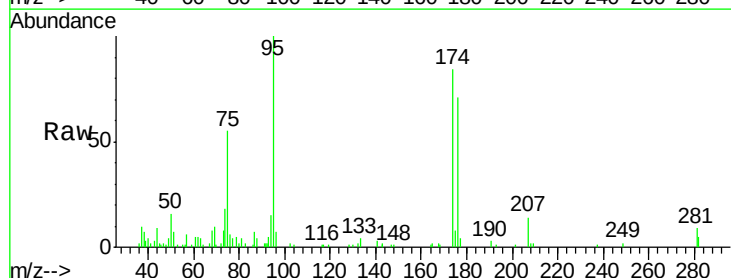
Tgt Ion: 95 Resp: 9709

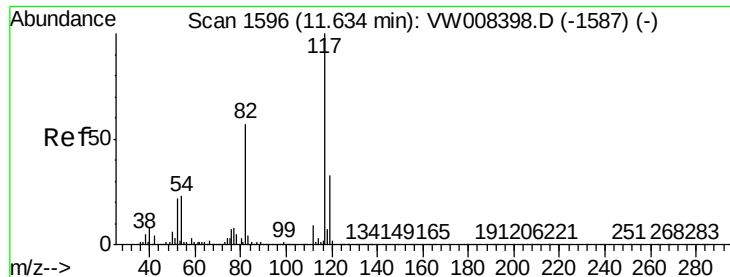
Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.6

176 75.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008601.D

Acq: 11 Feb 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

SB-6

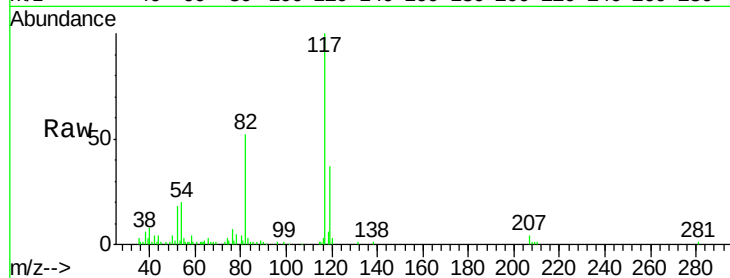
Tot Ion:117 Resp: 21524

Ion Ratio Lower Upper

117 100

82 51.8 45.4 68.0

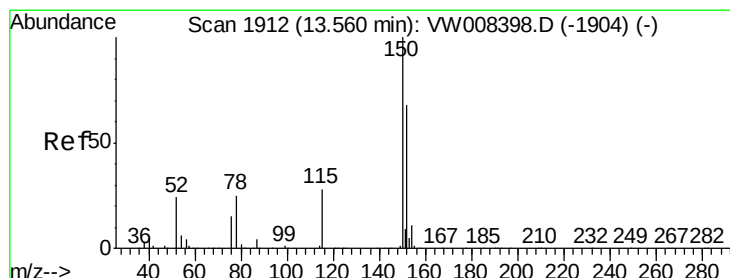
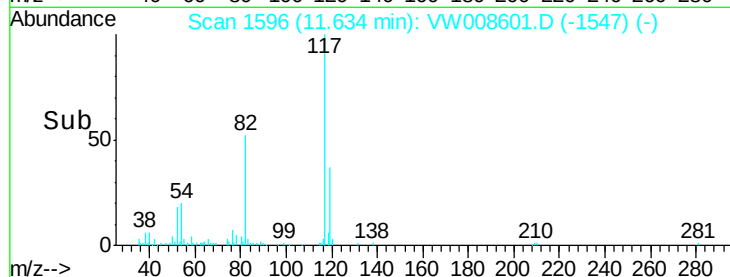
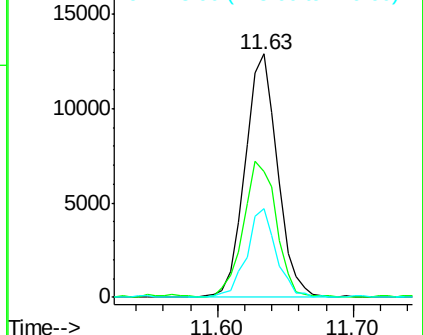
119 36.7 26.2 39.4



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008601.D

Acq: 11 Feb 2019 16:55

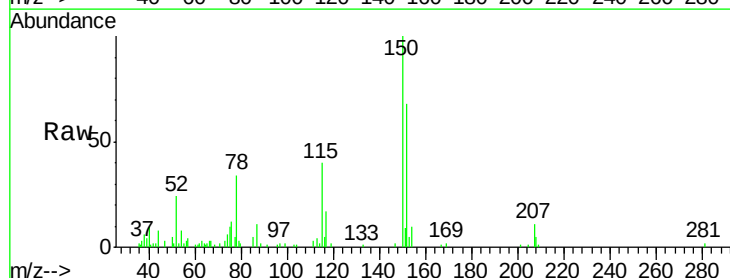
Tgt Ion:152 Resp: 7037

Ion Ratio Lower Upper

152 100

115 61.0 29.9 89.7

150 159.2 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

