

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008600.D
 Acq On : 11 Feb 2019 16:28
 Operator : SY/VA
 Sample : K1458-08
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

Quant Time: Feb 12 05:09:53 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	19560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	30675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	11580	60.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.52%	
35) Dibromofluoromethane	7.88	113	9881	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	10.32	98	36224	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	12330	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

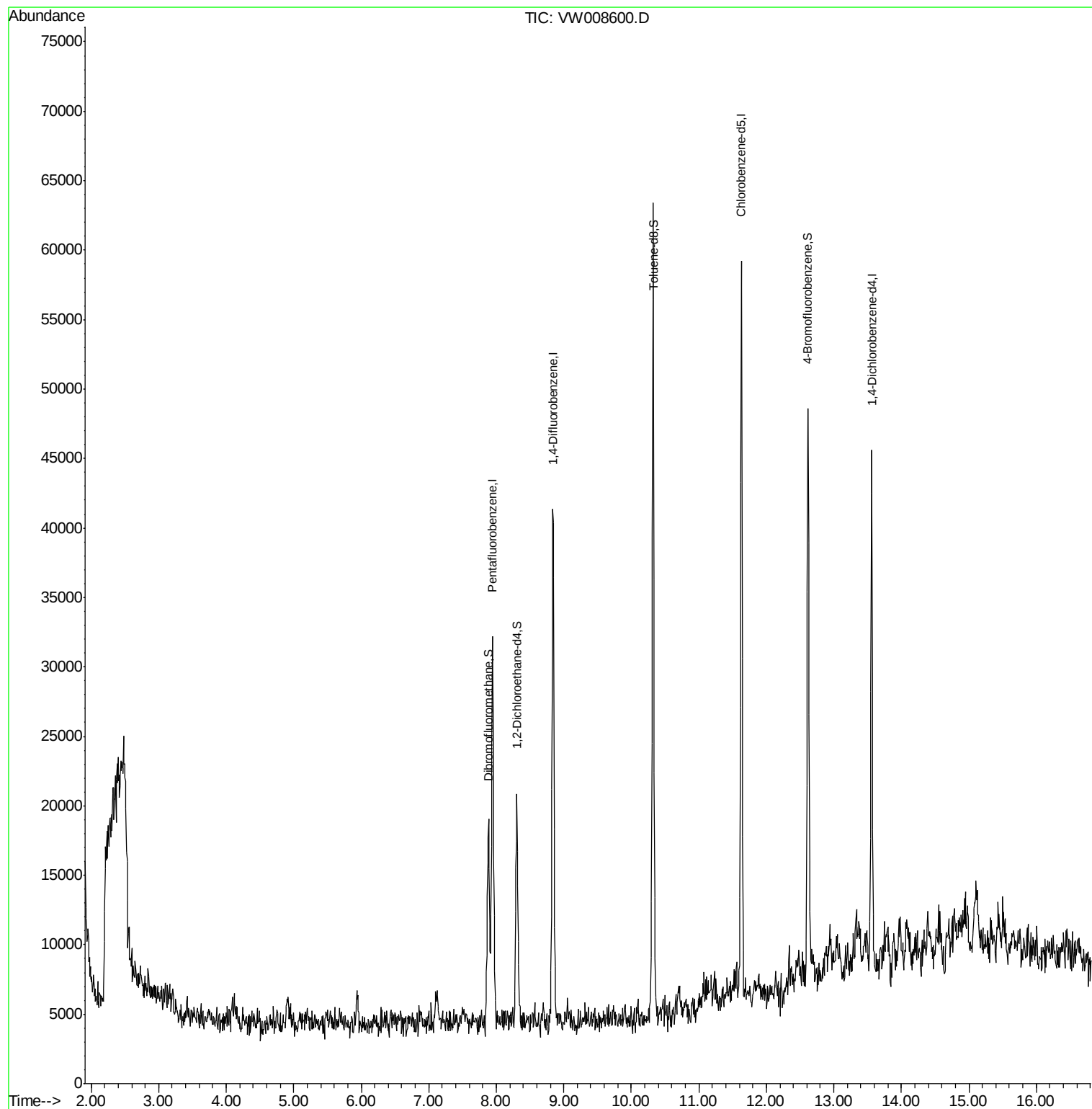
Target Compounds	Qvalue

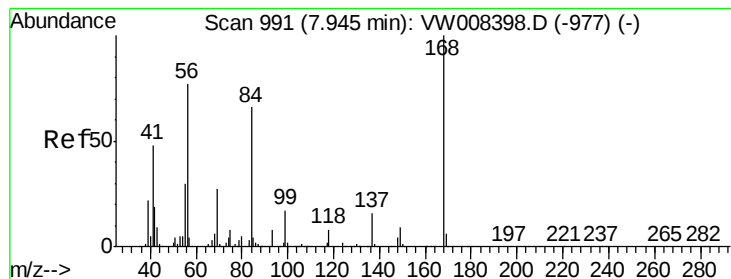
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampled :

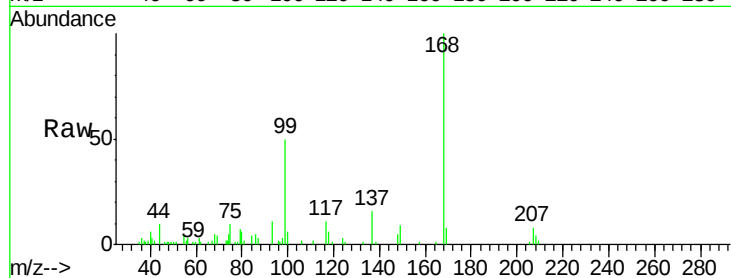
SB-5

Tot Ion:168 Resp: 19560

Ion Ratio Lower Upper

168 100

99 50.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

10000

8000

6000

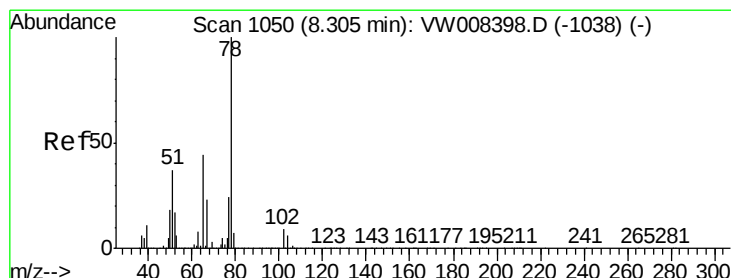
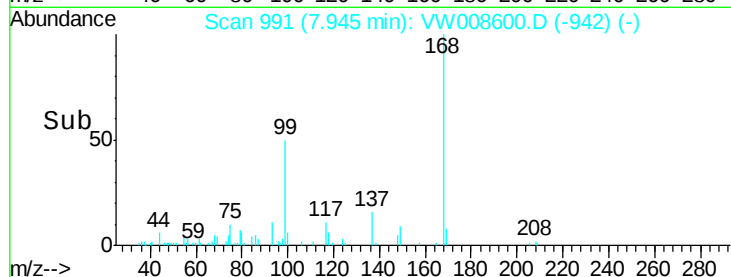
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 60.263 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008600.D

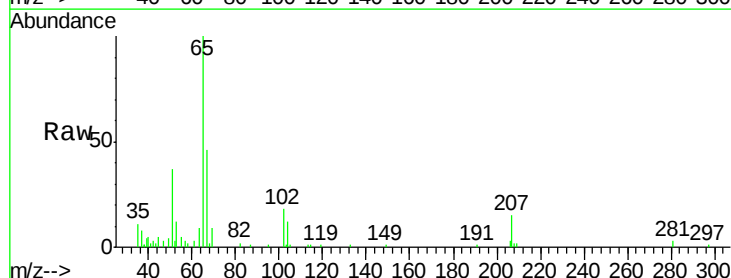
Acq: 11 Feb 2019 16:28

Tgt Ion: 65 Resp: 11580

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

6000

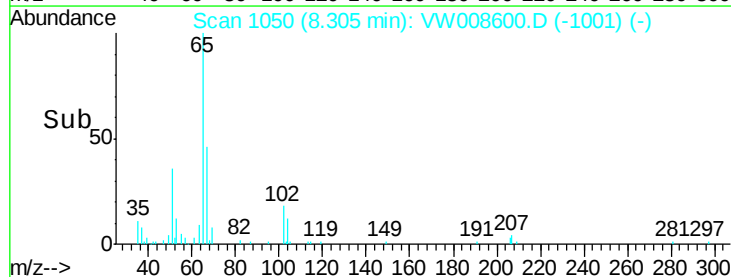
4000

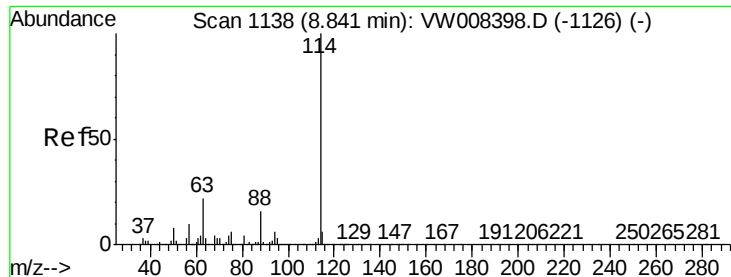
2000

0

Time-->

8.20 8.25 8.30 8.35 8.40

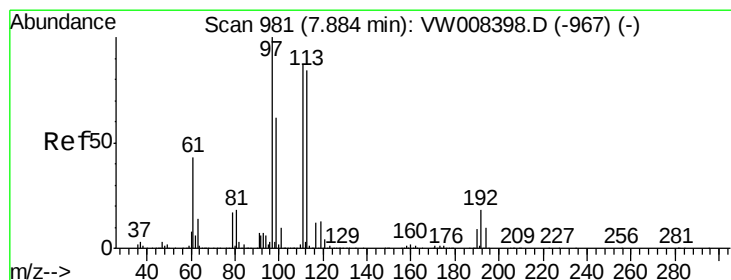
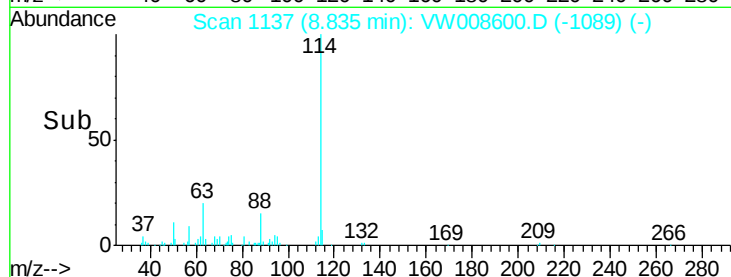
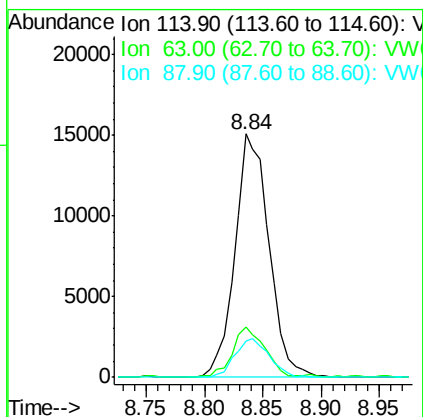
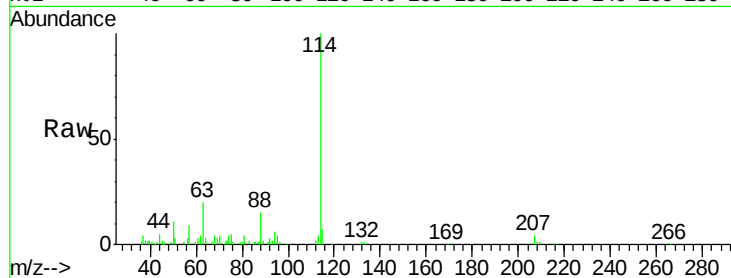




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008600.D
 Acq: 11 Feb 2019 16:28

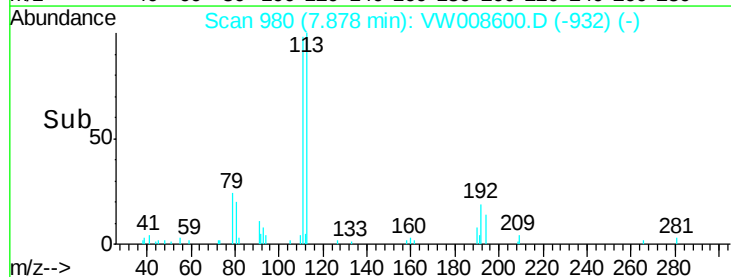
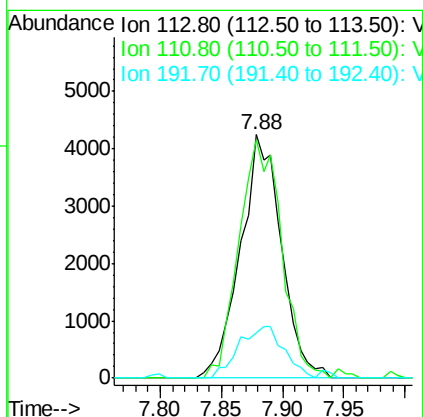
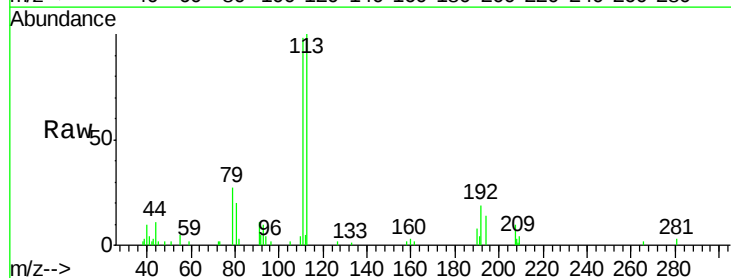
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

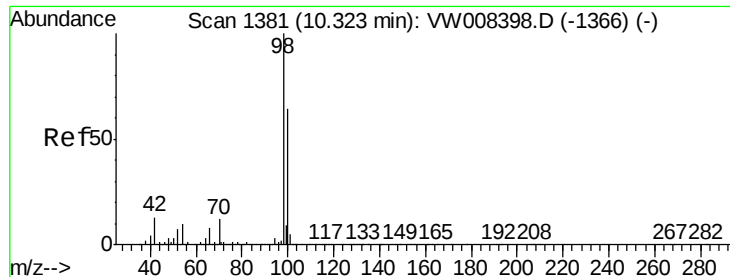
Tot Ion:114 Resp: 30675
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.6
 88 14.9 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 55.088 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008600.D
 Acq: 11 Feb 2019 16:28

Tgt Ion:113 Resp: 9881
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.4
 192 23.3 16.8 25.2





#50

Toluene-d8

Concen: 50.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

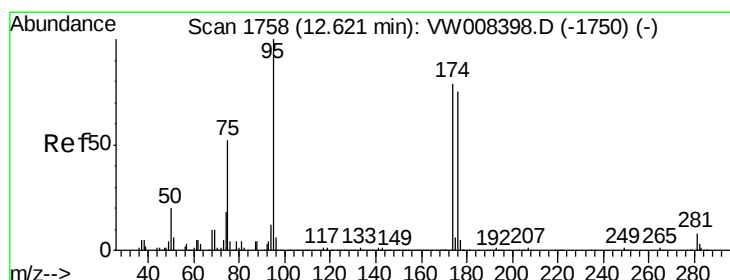
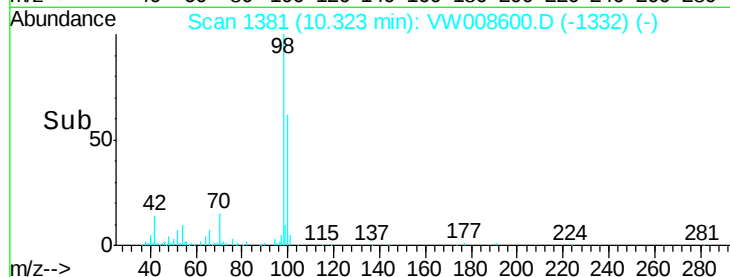
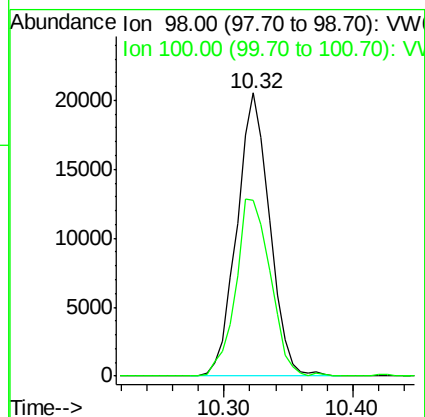
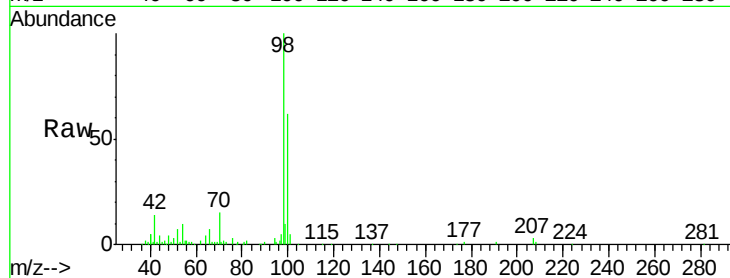
SB-5

Tot Ion: 98 Resp: 36224

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.597 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008600.D

Acq: 11 Feb 2019 16:28

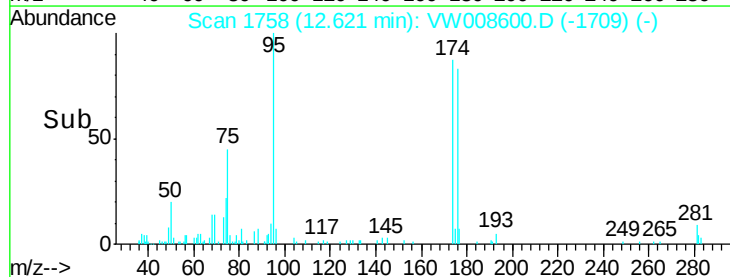
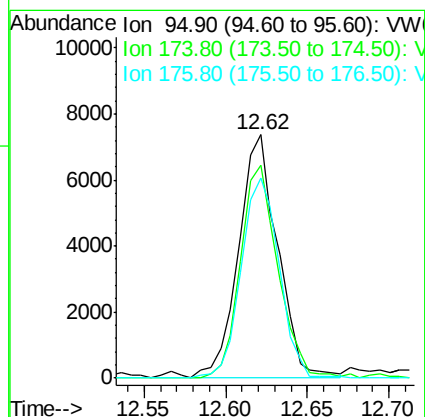
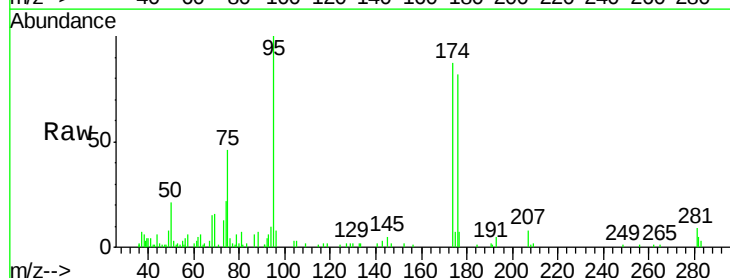
Tgt Ion: 95 Resp: 12330

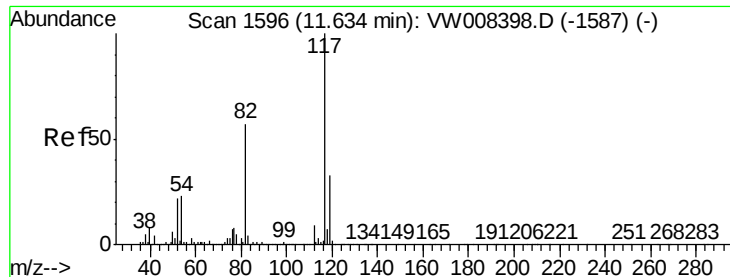
Ion Ratio Lower Upper

95 100

174 84.3 0.0 157.6

176 79.7 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: VW008600.D

Acq: 11 Feb 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

SB-5

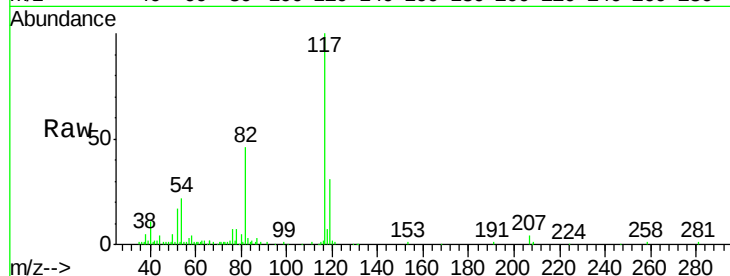
Tot Ion:117 Resp: 28733

Ion Ratio Lower Upper

117 100

82 46.1 45.4 68.0

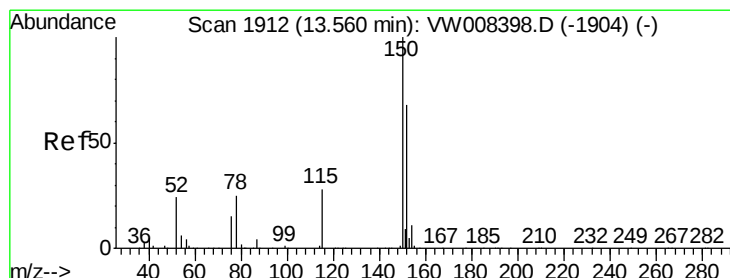
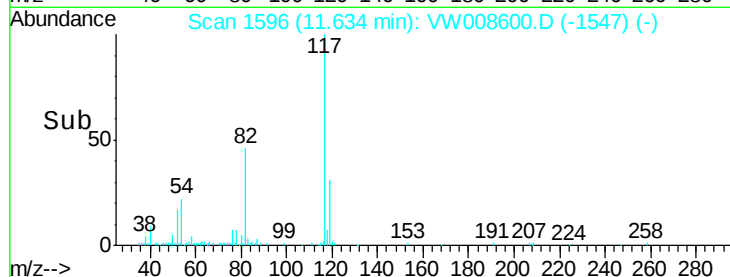
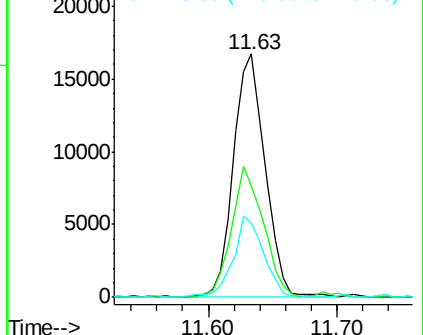
119 30.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW008600.D

Acq: 11 Feb 2019 16:28

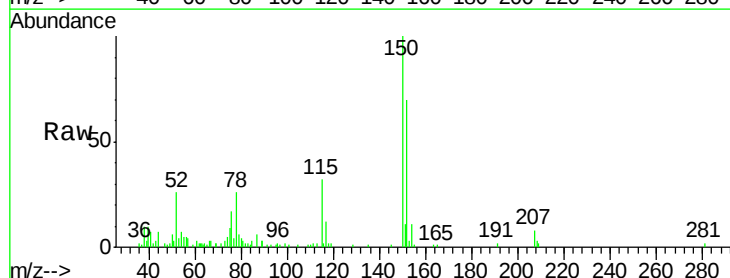
Tgt Ion:152 Resp: 9415

Ion Ratio Lower Upper

152 100

115 59.2 29.9 89.7

150 162.4 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

