

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006826.D
 Acq On : 13 Nov 2018 01:27
 Operator : SY/AP
 Sample : J5906-01
 Misc : 9.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 06-TANK-SOIL

Quant Time: Nov 13 16:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	8437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	11984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2898	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	4327	70.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.32%	
35) Dibromofluoromethane	7.89	113	3900	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.33	98	11562	39.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.18%	
62) 4-Bromofluorobenzene	12.62	95	4504	41.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.68%	

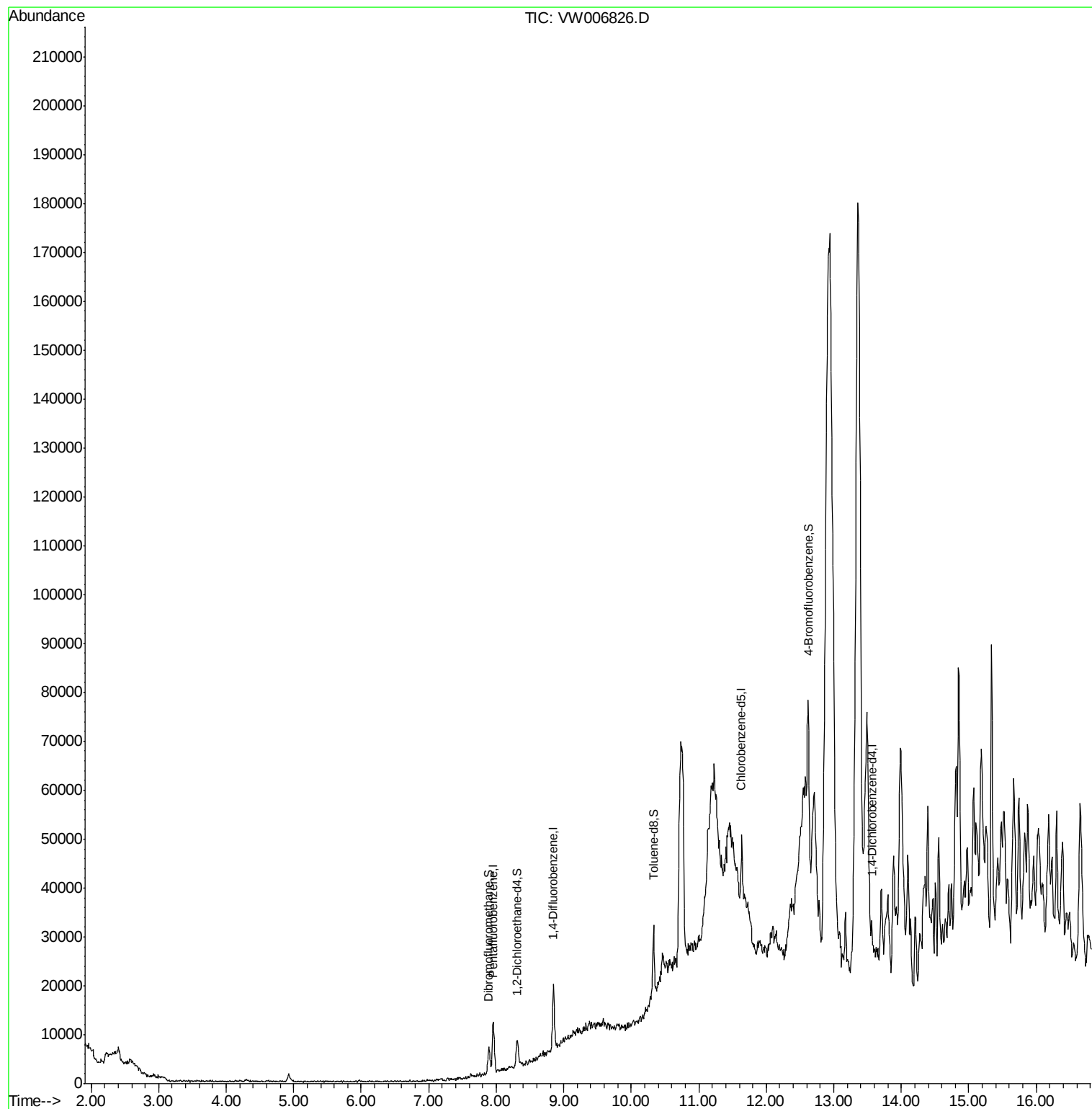
Target Compounds	Qvalue

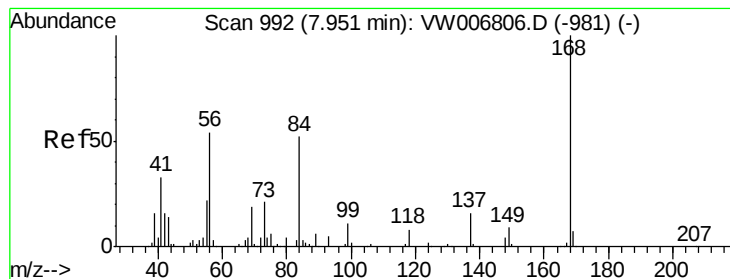
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

Instrument :

MSVOA_W

ClientSampleId :

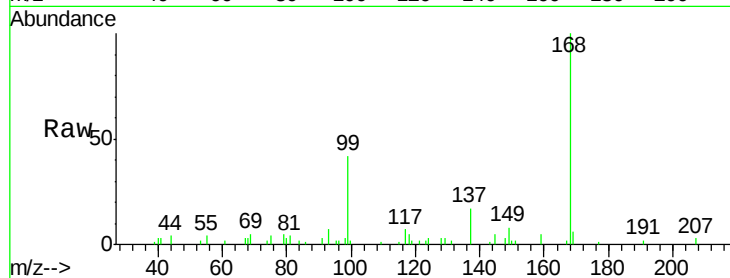
06-TANK-SOIL

Tgt Ion:168 Resp: 8437

Ion Ratio Lower Upper

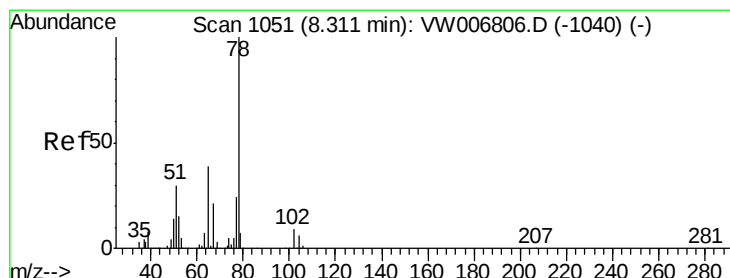
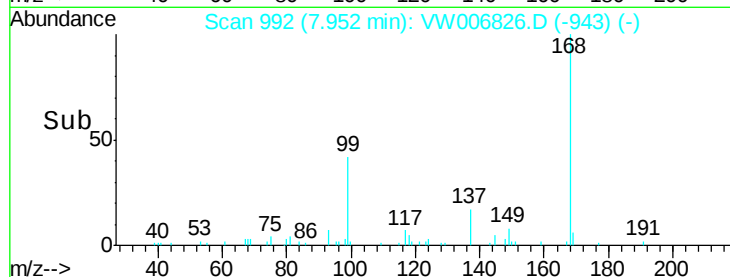
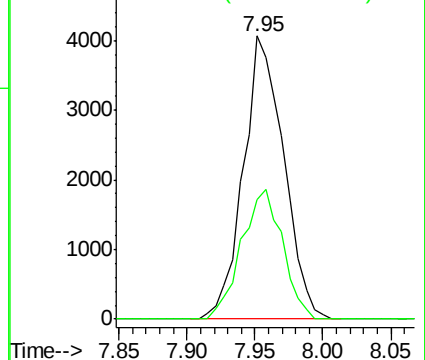
168 100

99 42.1 37.3 55.9



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: 70.156 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW006826.D

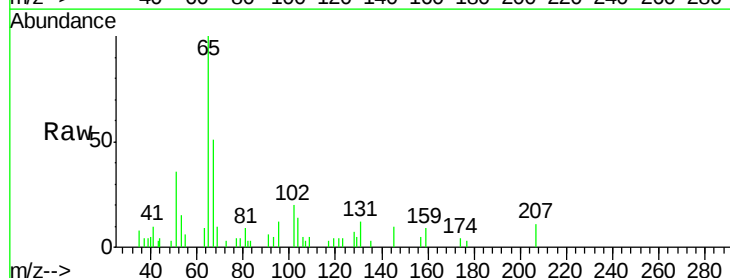
Acq: 13 Nov 2018 01:27

Tgt Ion: 65 Resp: 4327

Ion Ratio Lower Upper

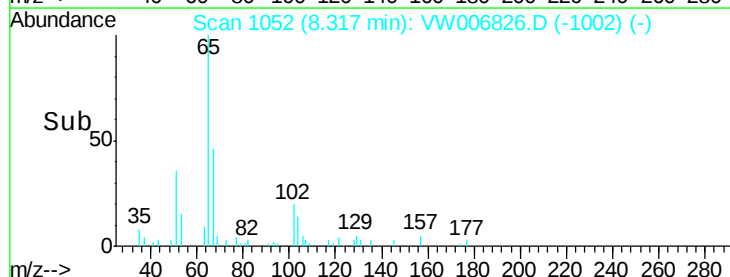
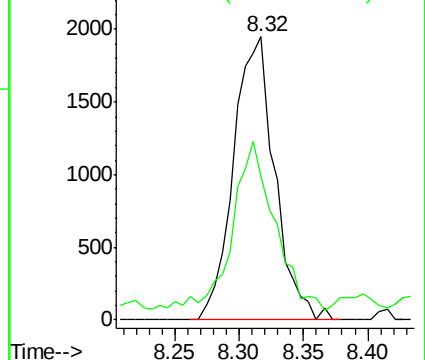
65 100

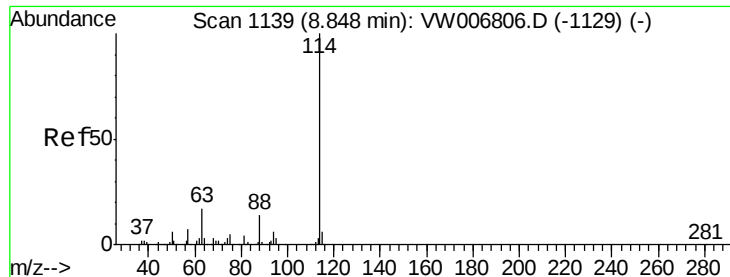
67 63.9 0.0 104.4



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

Instrument :

MSVOA_W

ClientSampleId :

06-TANK-SOIL

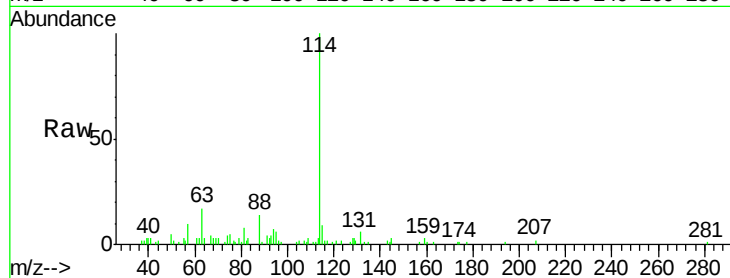
Tgt Ion:114 Resp: 11984

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

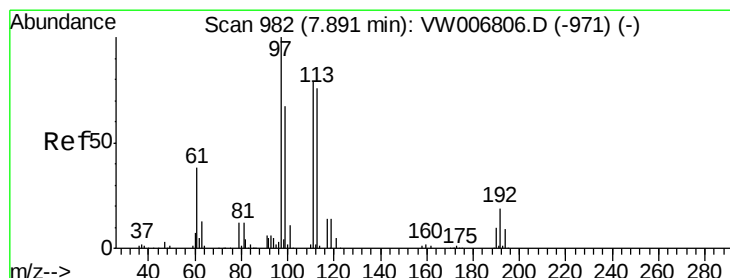
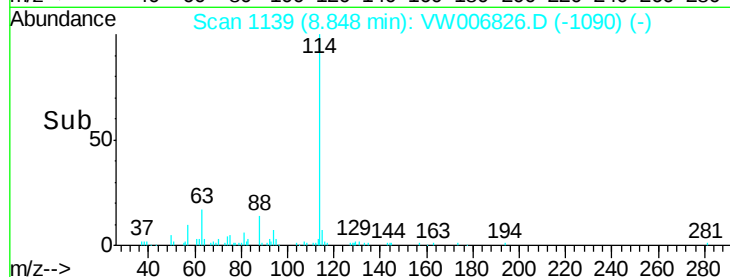
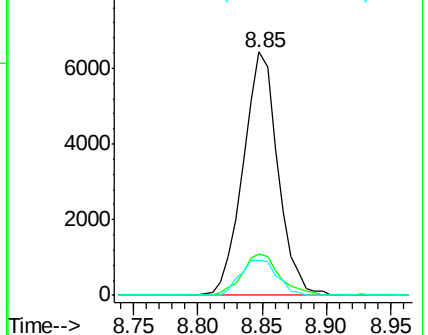
88 14.3 0.0 28.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.651 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

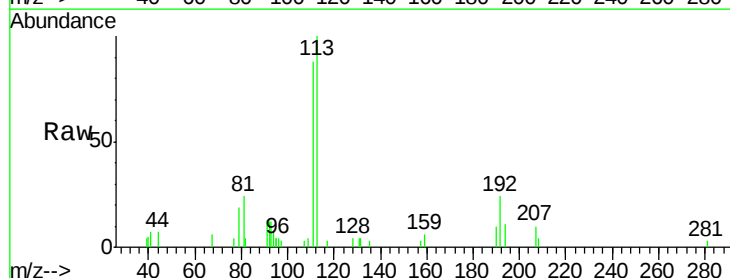
Tgt Ion:113 Resp: 3900

Ion Ratio Lower Upper

113 100

111 94.7 81.0 121.6

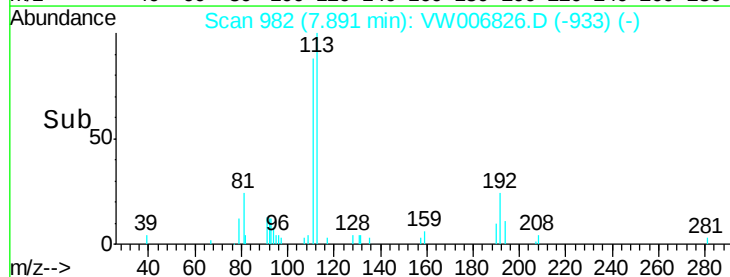
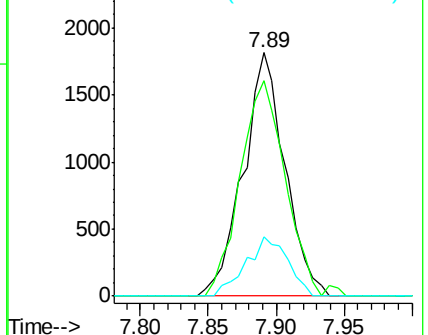
192 24.3 19.0 28.6

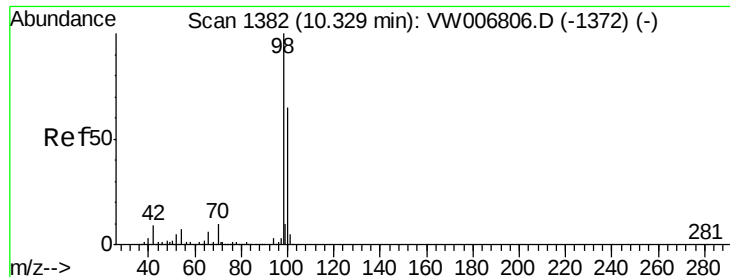


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.090 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

Instrument :

MSVOA_W

ClientSampleId :

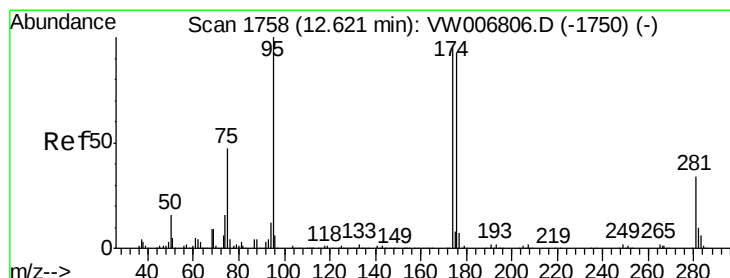
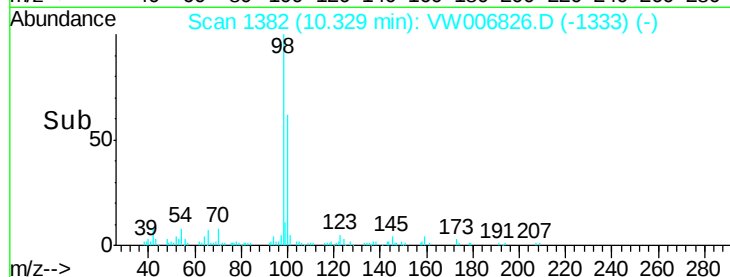
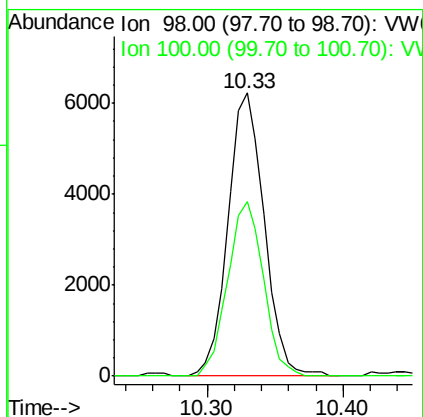
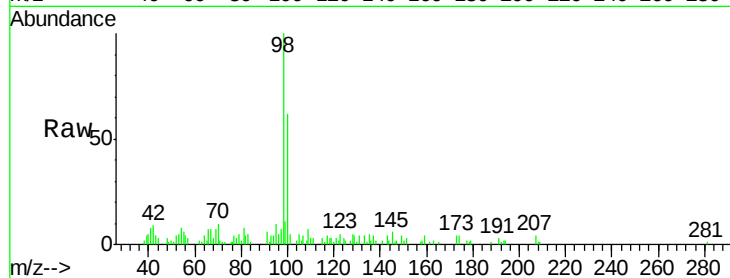
06-TANK-SOIL

Tgt Ion: 98 Resp: 11562

Ion Ratio Lower Upper

98 100

100 60.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 41.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

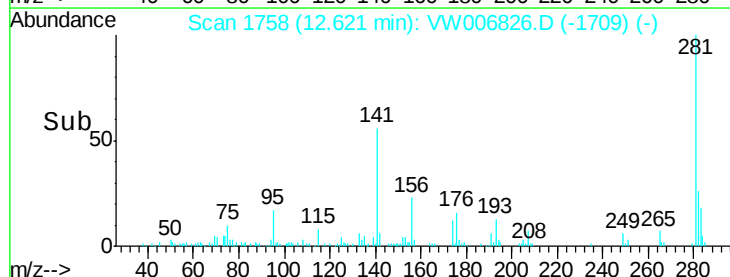
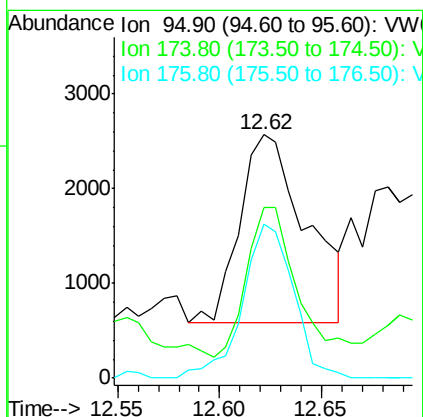
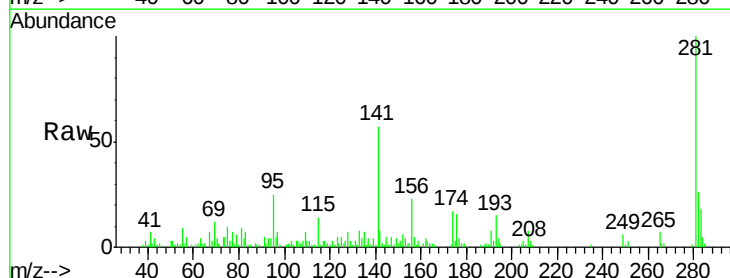
Tgt Ion: 95 Resp: 4504

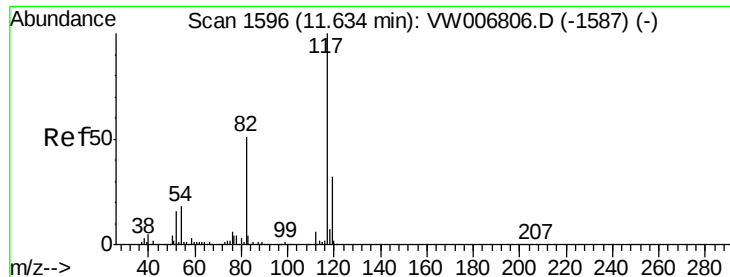
Ion Ratio Lower Upper

95 100

174 60.5 0.0 196.6

176 62.7 0.0 191.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

Instrument :

MSVOA_W

ClientSampled :

06-TANK-SOIL

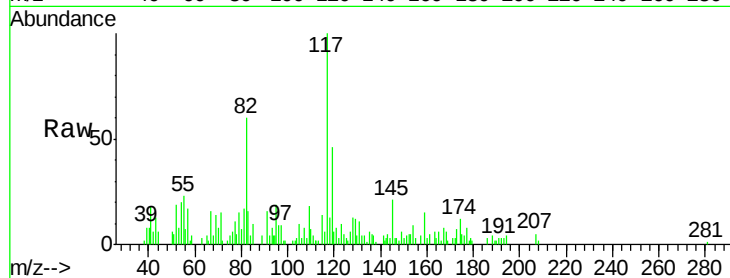
Tgt Ion:117 Resp: 9142

Ion Ratio Lower Upper

117 100

82 55.8 40.6 61.0

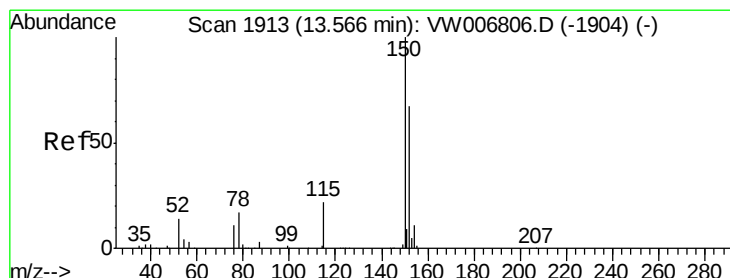
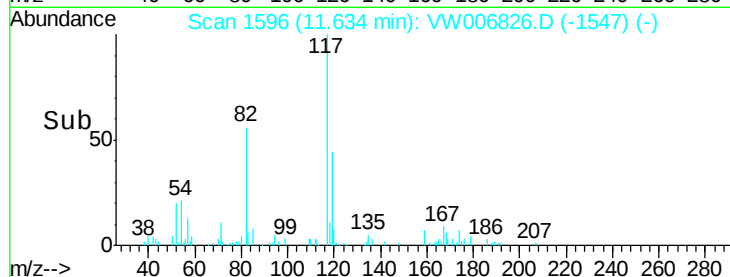
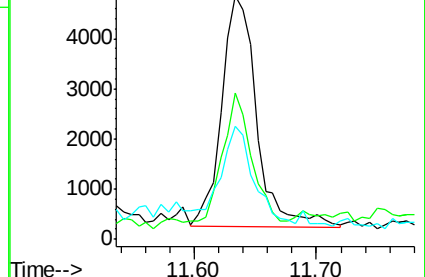
119 41.3 25.5 38.3#



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006826.D

Acq: 13 Nov 2018 01:27

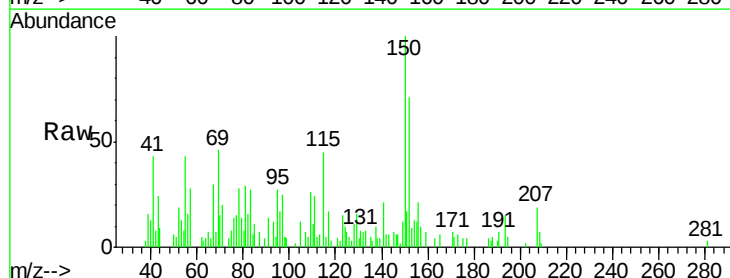
Tgt Ion:152 Resp: 2898

Ion Ratio Lower Upper

152 100

115 51.9 27.3 81.8

150 135.7 0.0 353.0



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

