

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004256.D
 Acq On : 27 Jul 2018 06:45
 Operator : SY/AP
 Sample : J4099-01RE
 Misc : 4.07G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-01RE

Quant Time: Jul 27 08:44:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

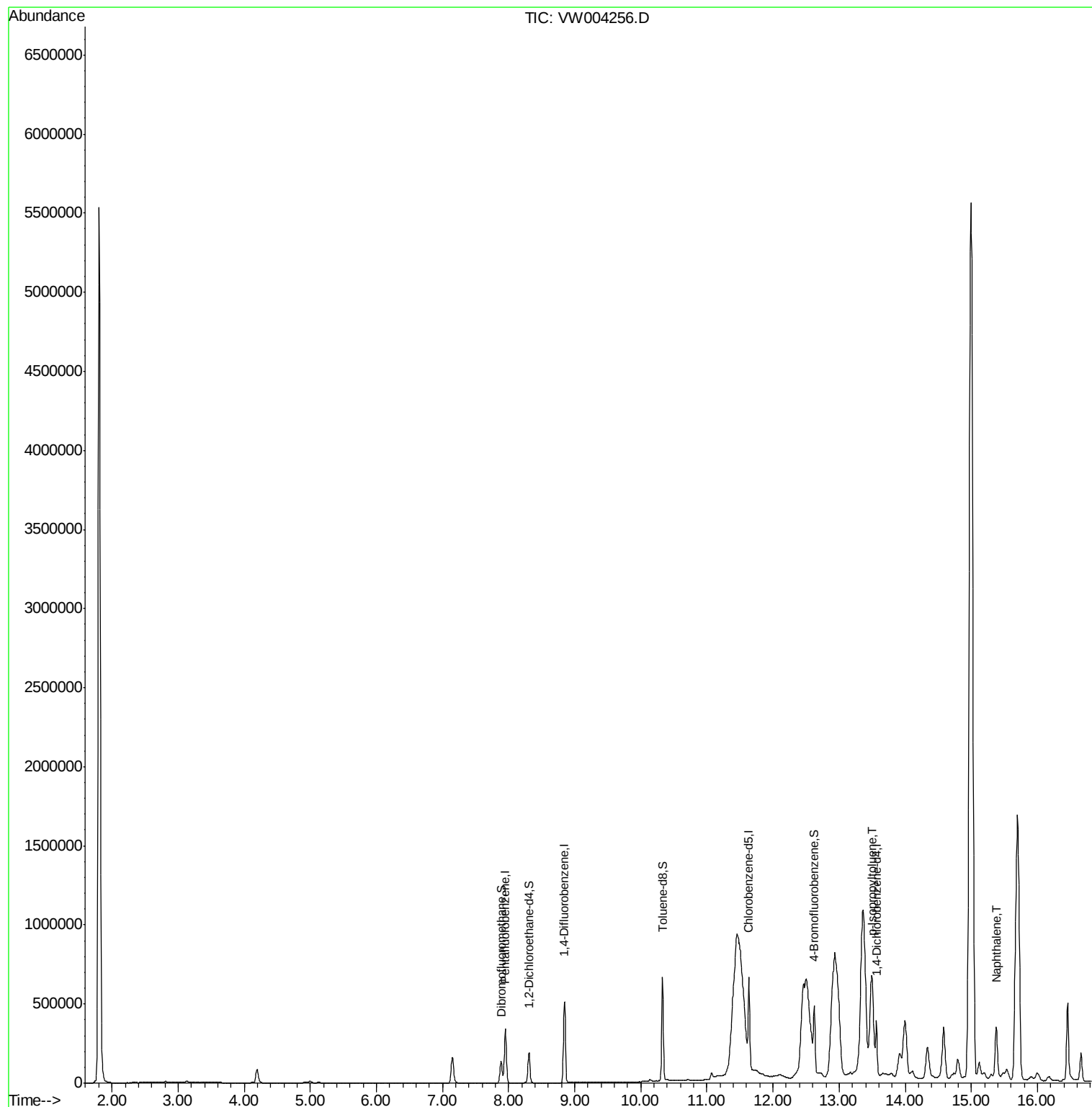
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	433432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152336	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	101735	36.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.16%	
50) Toluene-d8	10.33	98	438781	40.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.32%	
62) 4-Bromofluorobenzene	12.62	95	112842	29.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.00%	
Target Compounds						
86) p-Isopropyltoluene	13.51	119	7222	1.260	ug/l #	20
95) Naphthalene	15.38	128	135112	39.266	ug/l	98

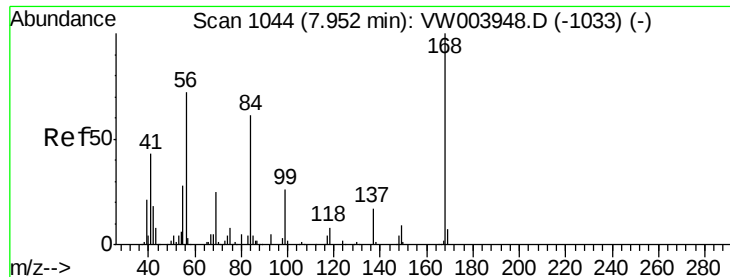
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004256.D

Acq: 27 Jul 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

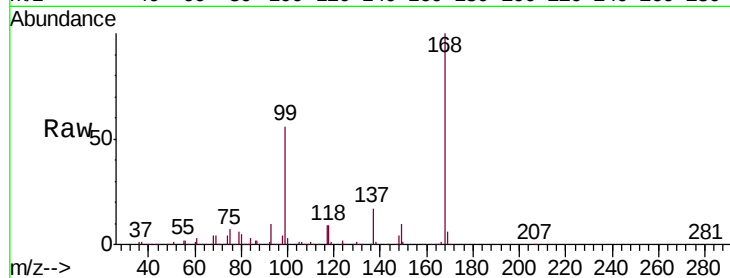
GL-TOPSOIL-01RE

Tot Ion:168 Resp: 259804

Ion Ratio Lower Upper

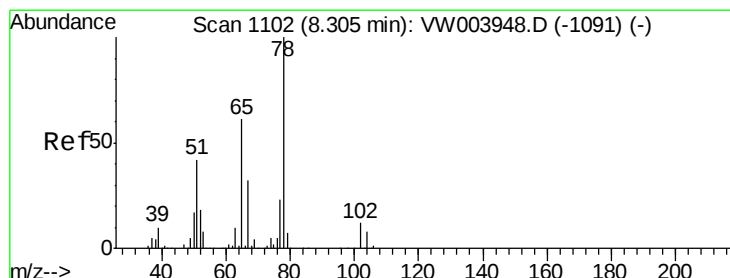
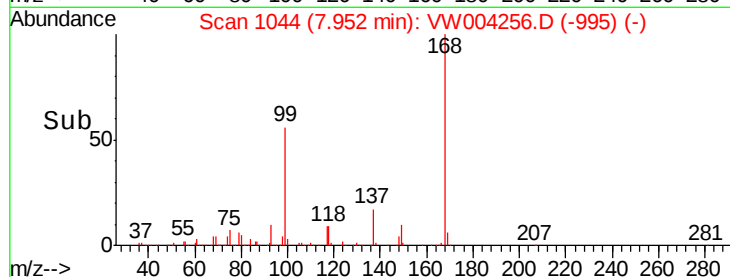
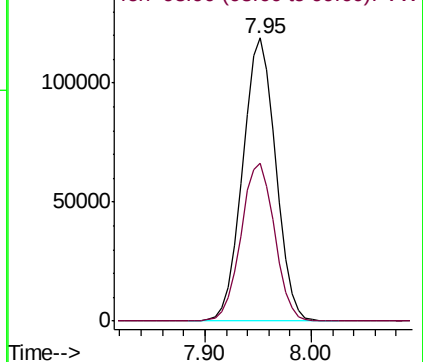
168 100

99 55.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.456 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004256.D

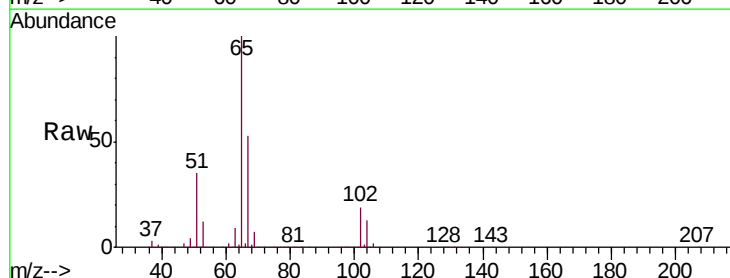
Acq: 27 Jul 2018 06:45

Tgt Ion: 65 Resp: 152336

Ion Ratio Lower Upper

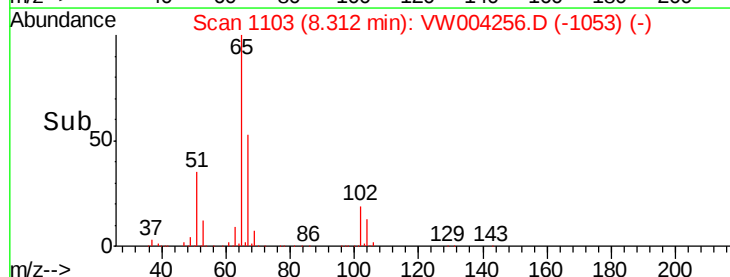
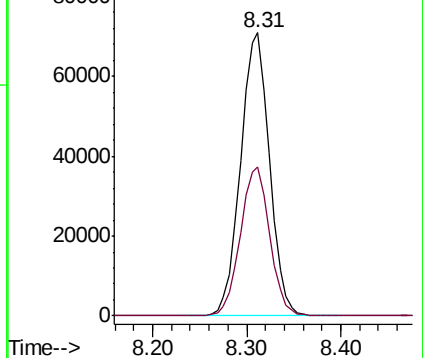
65 100

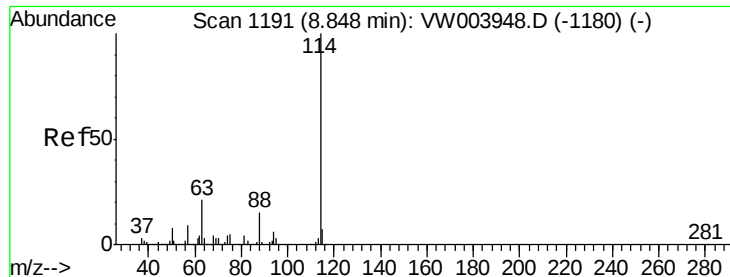
67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

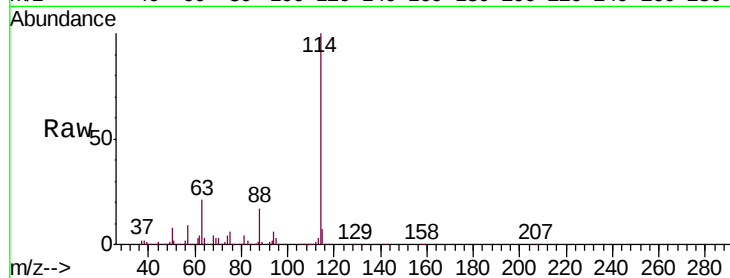




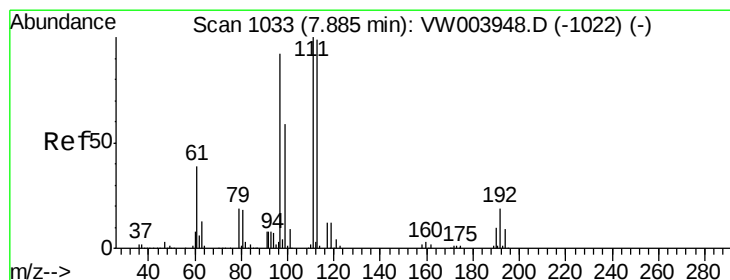
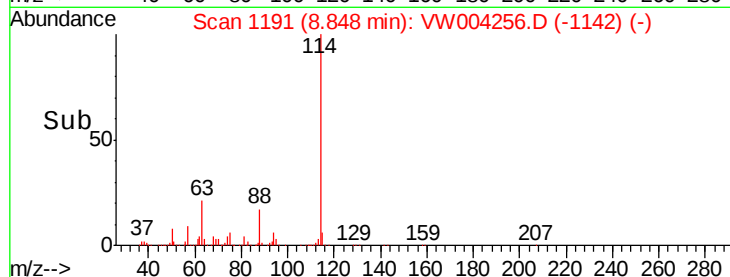
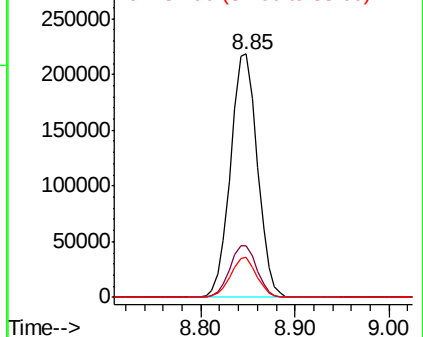
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004256.D
 Acq: 27 Jul 2018 06:45

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-01RE

Tot Ion:114 Resp: 433432
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 16.7 0.0 30.4

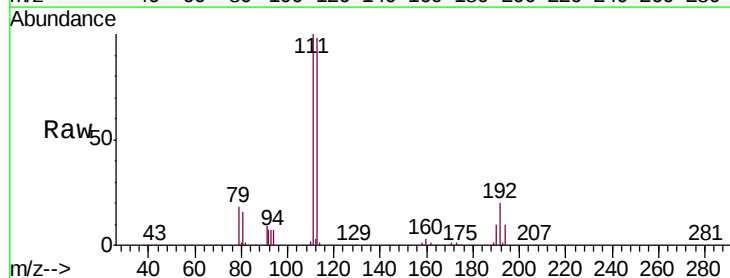


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

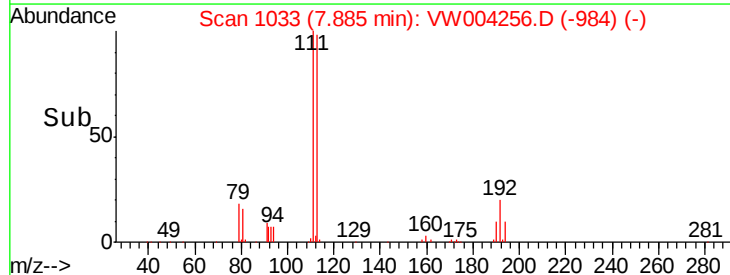
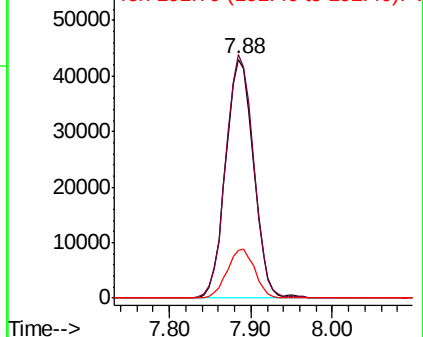


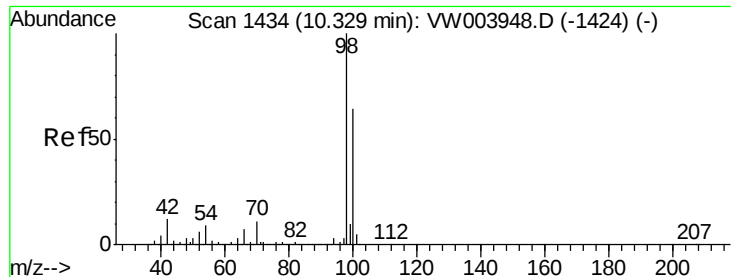
#35
 Dibromofluoromethane
 Concen: 36.582 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004256.D
 Acq: 27 Jul 2018 06:45

Tgt Ion:113 Resp: 101735
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 20.2 15.8 23.6



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: 40.662 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004256.D

Acq: 27 Jul 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

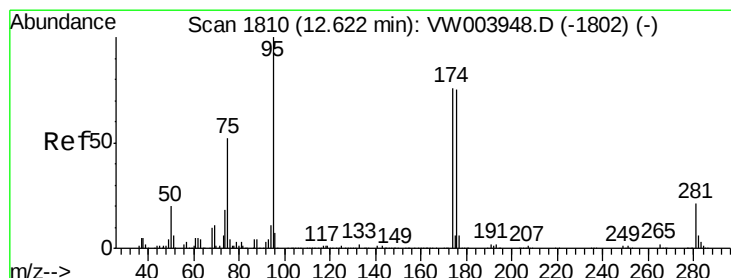
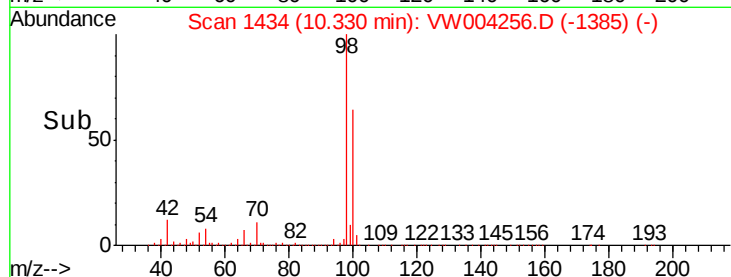
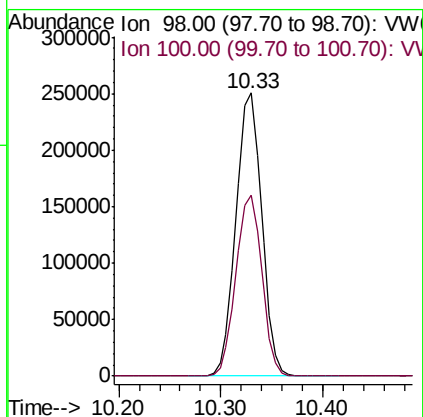
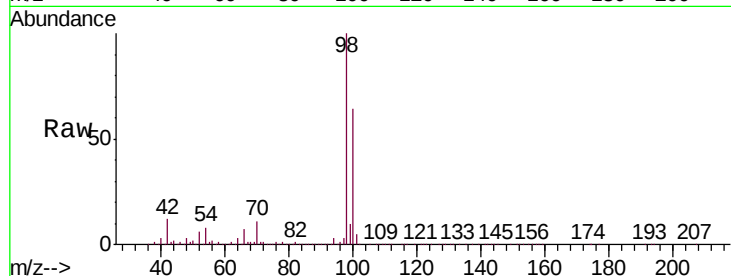
GL-TOPSOIL-01RE

Tot Ion: 98 Resp: 438781

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 28.999 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004256.D

Acq: 27 Jul 2018 06:45

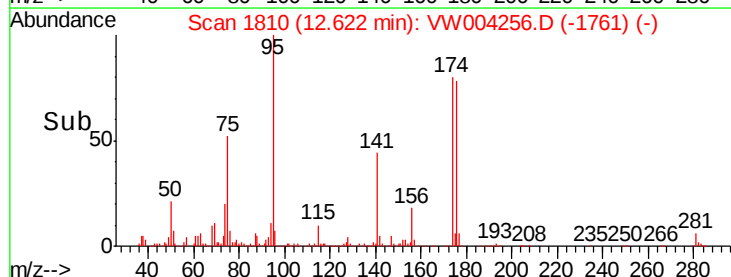
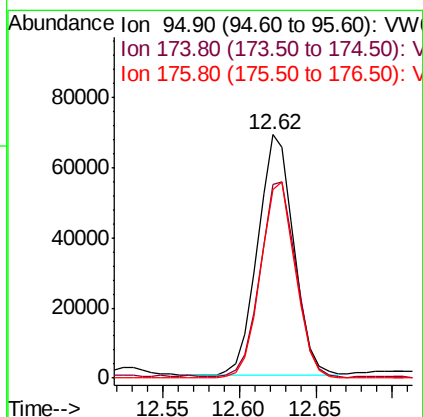
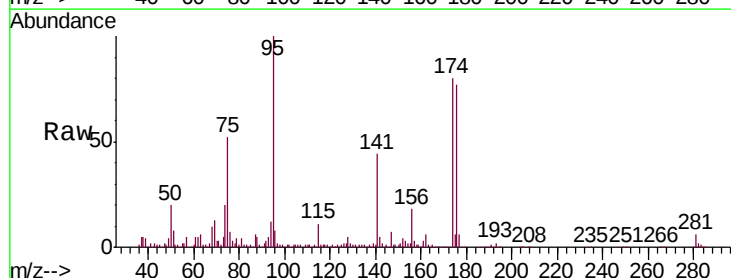
Tgt Ion: 95 Resp: 112842

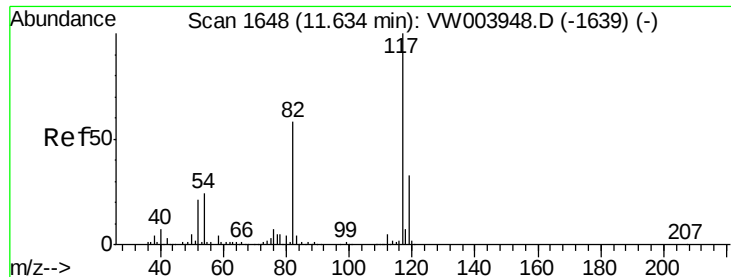
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 79.0 0.0 155.8

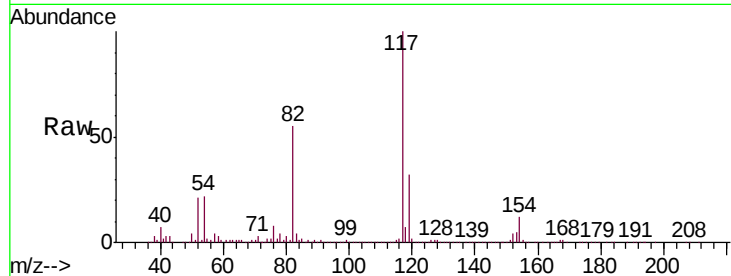




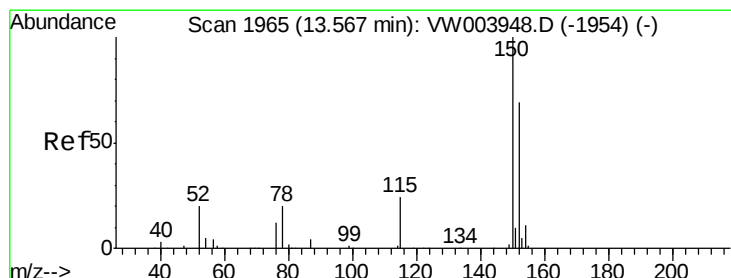
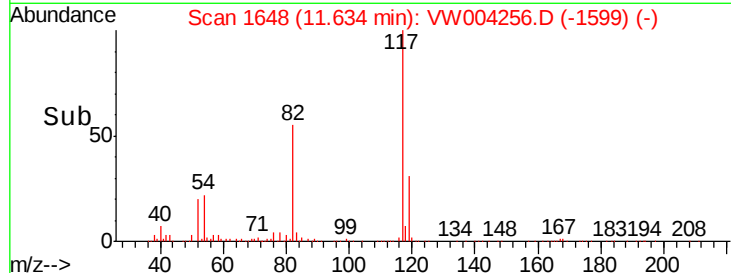
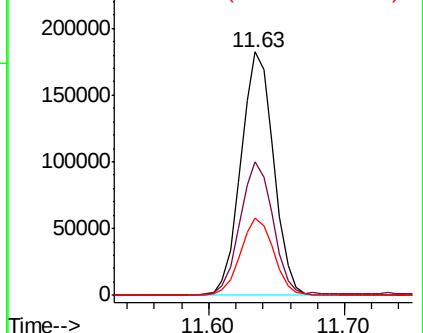
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004256.D
Acq: 27 Jul 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-01RE

Tot Ion:117 Resp: 304798
Ion Ratio Lower Upper
117 100
82 54.7 46.5 69.7
119 31.5 26.2 39.2

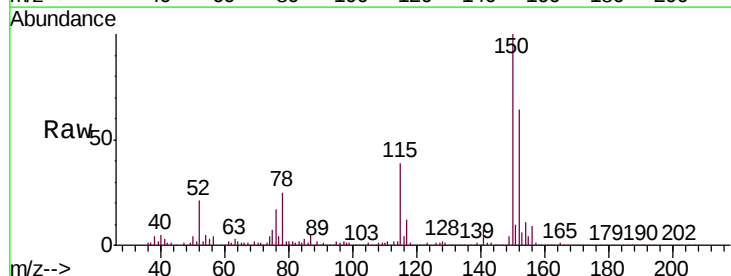


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

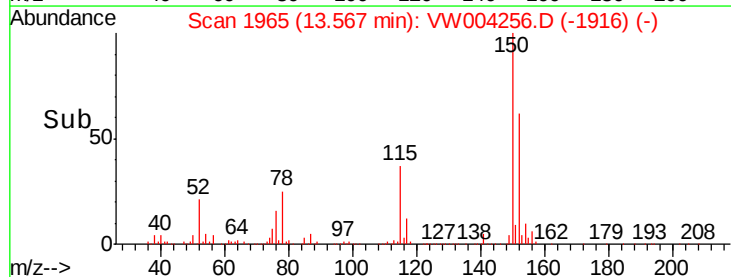
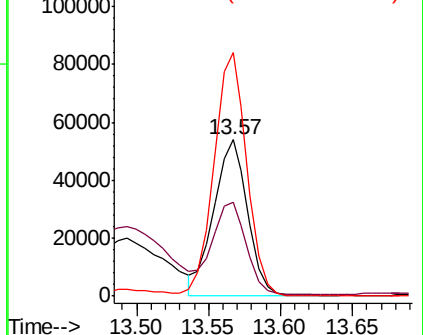


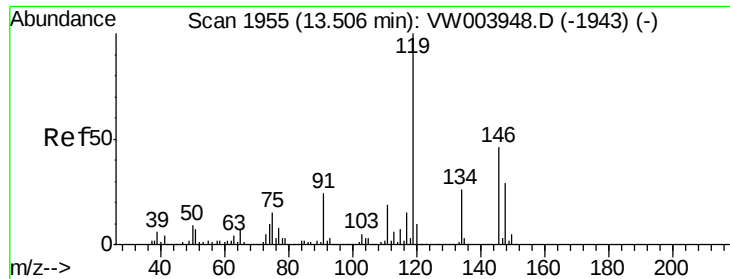
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004256.D
Acq: 27 Jul 2018 06:45

Tgt Ion:152 Resp: 88221
Ion Ratio Lower Upper
152 100
115 61.7 29.2 87.6
150 150.9 0.0 345.2



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

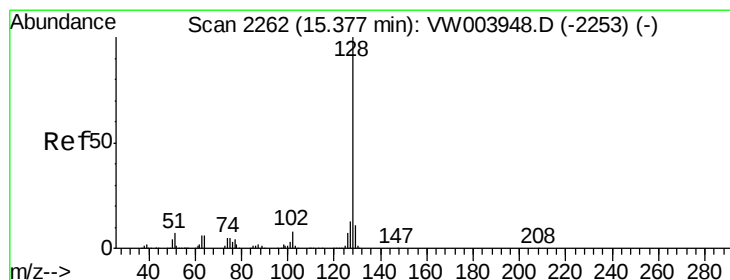
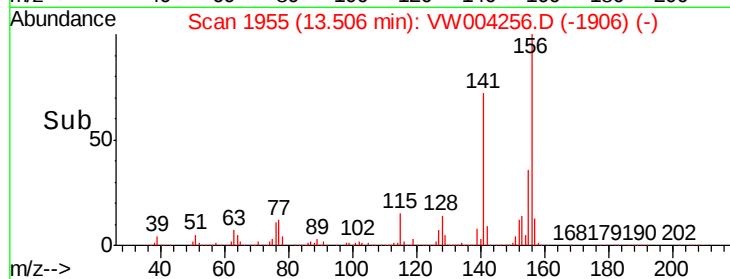
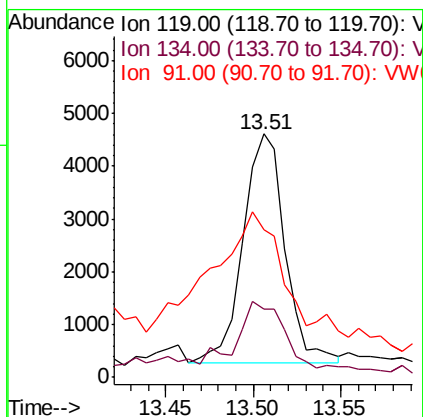
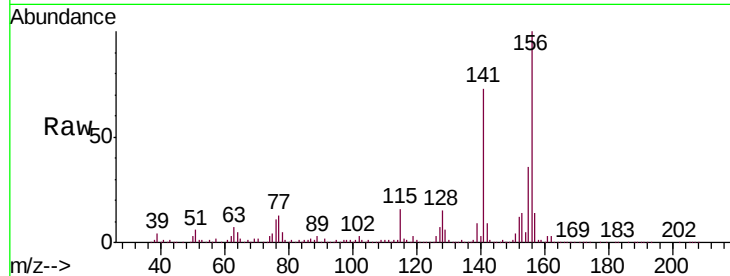




#86
p-Isopropyltoluene
Concen: 1.260 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004256.D
Acq: 27 Jul 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-01RE

Tot Ion:119 Resp: 7222
Ion Ratio Lower Upper
119 100
134 36.9 13.0 38.9
91 94.2 11.8 35.3#



#95
Naphthalene
Concen: 39.266 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004256.D
Acq: 27 Jul 2018 06:45

Tgt Ion:128 Resp: 135112
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 10.6 8.7 13.1

