

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004261.D
 Acq On : 27 Jul 2018 08:54
 Operator : SY/AP
 Sample : J4099-06RE
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-06RE

Quant Time: Jul 27 11:11:44 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

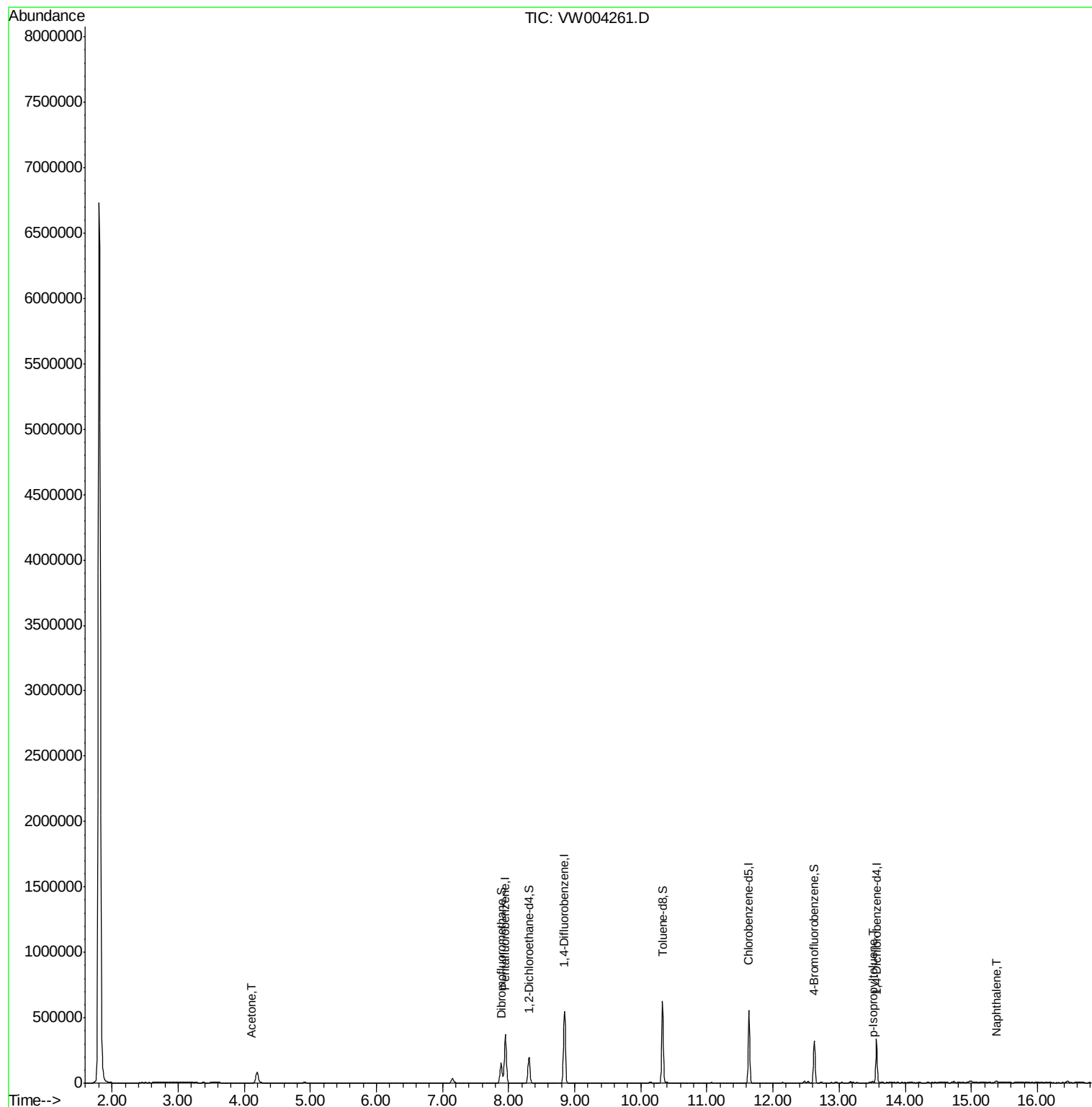
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	459939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	84348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157618	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	109253	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
50) Toluene-d8	10.33	98	412760	36.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.10%	
62) 4-Bromofluorobenzene	12.62	95	104610	25.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.66%	
Target Compounds						
16) Acetone	4.12	43	4861	6.634	ug/l	89
86) p-Isopropyltoluene	13.51	119	5940	1.084	ug/l	94
95) Naphthalene	15.38	128	11227	3.413	ug/l	98

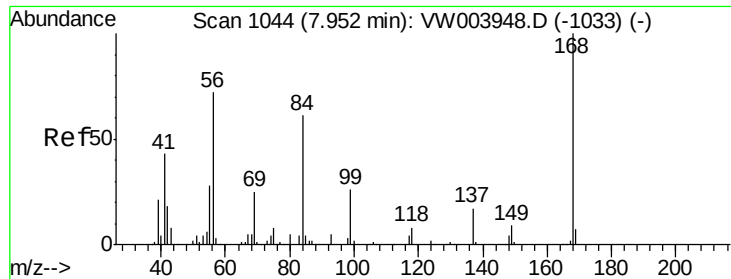
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004261.D

Acq: 27 Jul 2018 08:54

Instrument :

MSVOA_W

ClientSampleId :

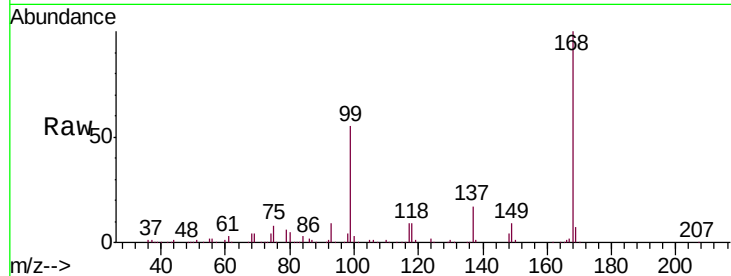
GL-TOPSOIL-06RE

Tot Ion:168 Resp: 272785

Ion Ratio Lower Upper

168 100

99 55.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

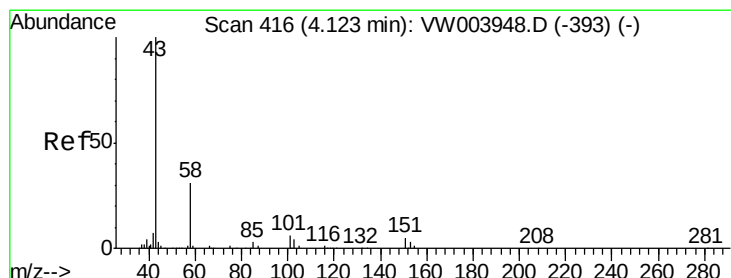
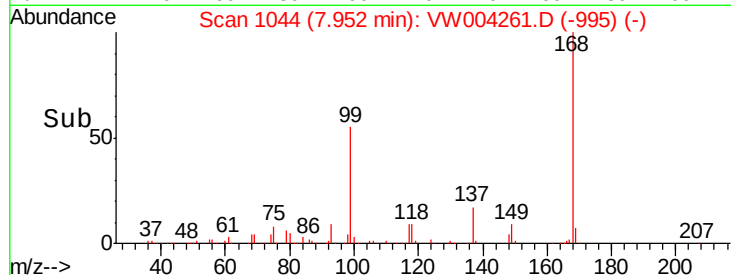
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.634 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004261.D

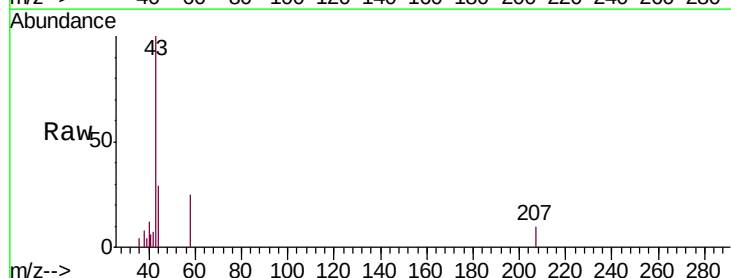
Acq: 27 Jul 2018 08:54

Tgt Ion: 43 Resp: 4861

Ion Ratio Lower Upper

43 100

58 24.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

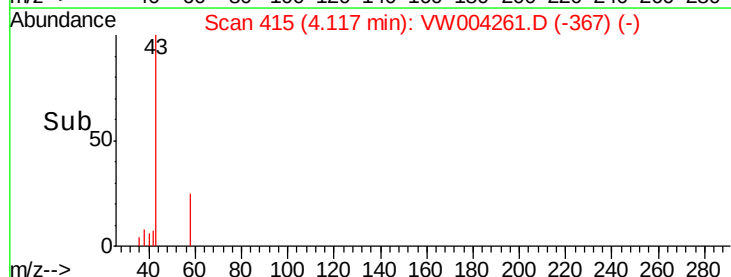
1500

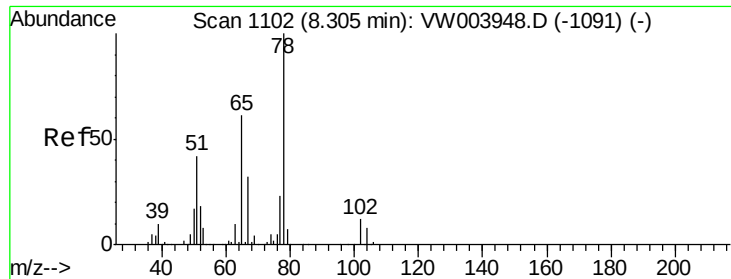
1000

500

0

Time-->

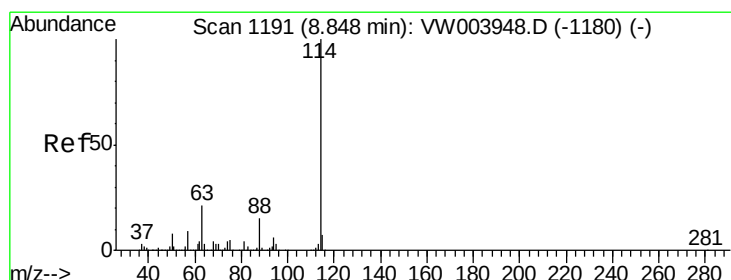
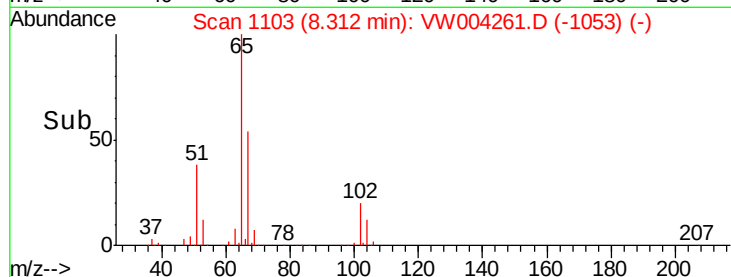
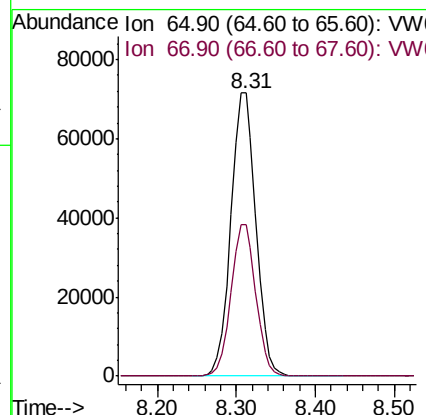
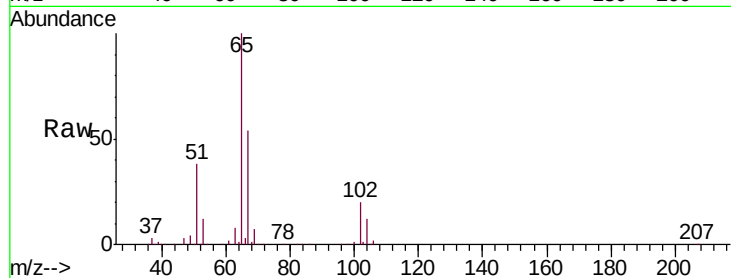




#33
 1,2-Dichloroethane-d4
 Concen: 51.692 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

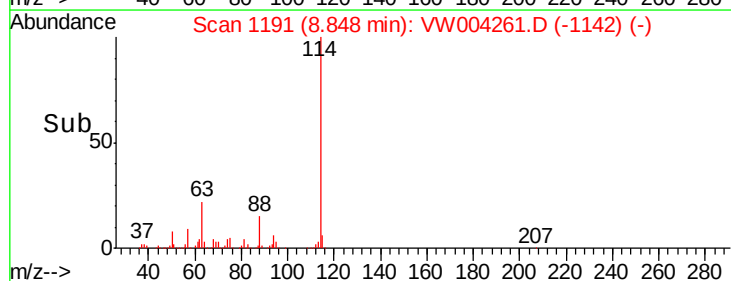
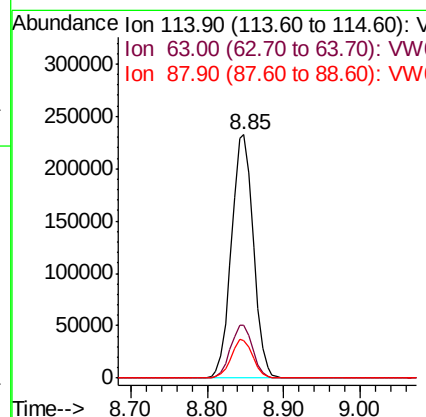
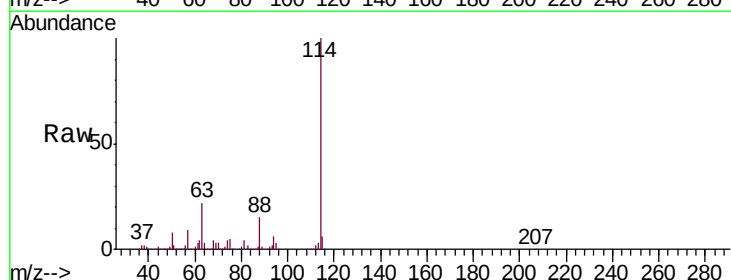
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-06RE

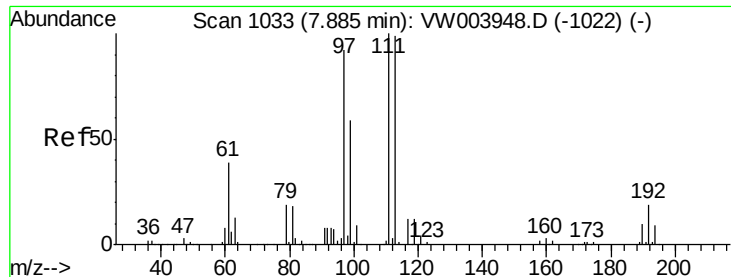
Tot Ion: 65 Resp: 157618
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

Tgt Ion: 114 Resp: 459939
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 15.5 0.0 30.4

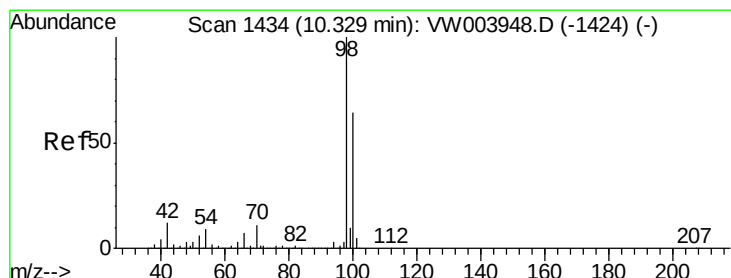
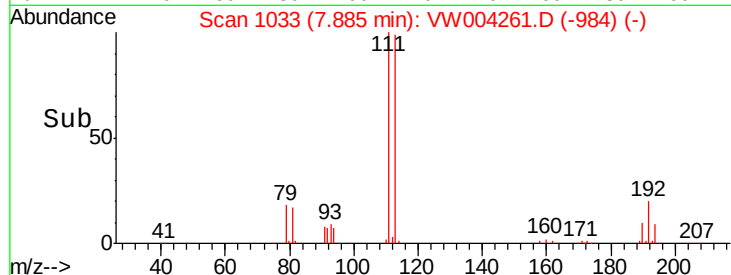
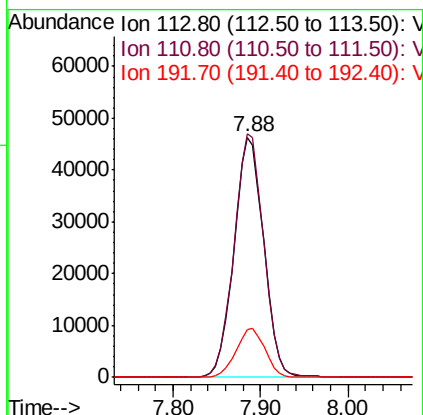
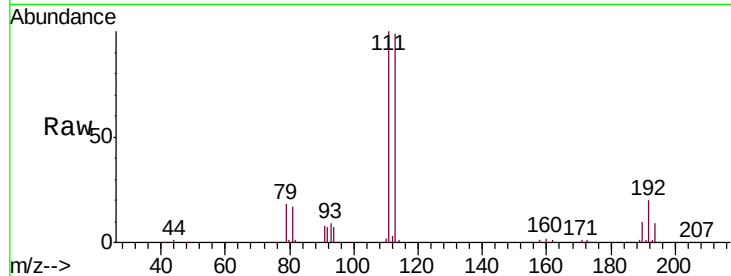




#35
 Dibromofluoromethane
 Concen: 37.021 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

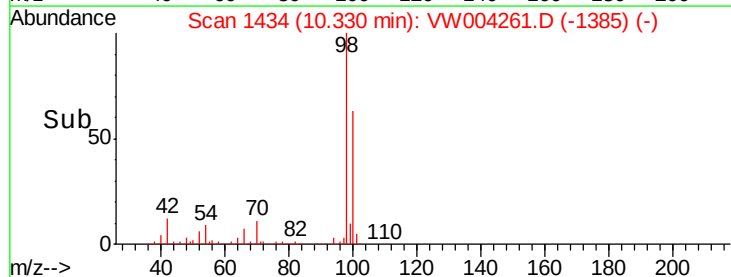
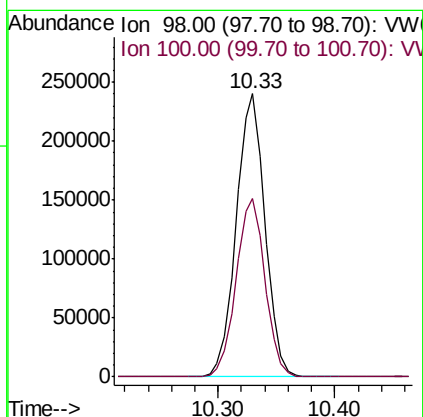
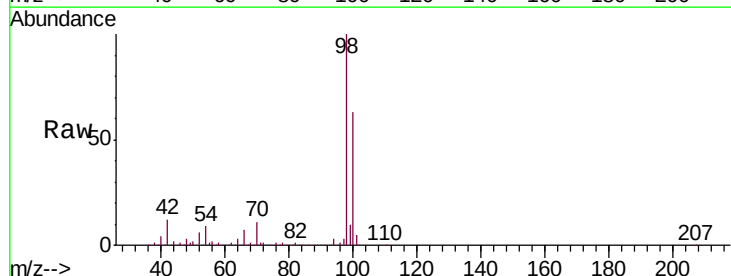
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-06RE

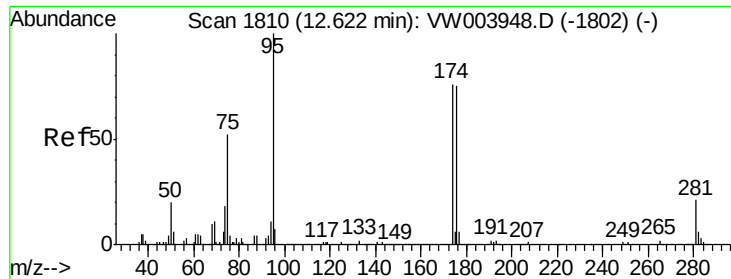
Tot Ion:113 Resp: 109253
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 19.9 15.8 23.6



#50
 Toluene-d8
 Concen: 36.046 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

Tgt Ion: 98 Resp: 412760
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 25.334 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004261.D

Acq: 27 Jul 2018 08:54

Instrument :

MSVOA_W

ClientSampleId :

GL-TOPSOIL-06RE

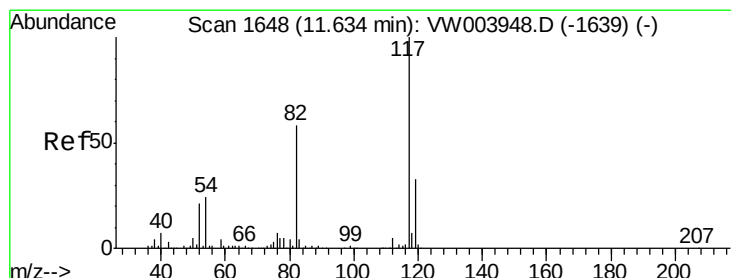
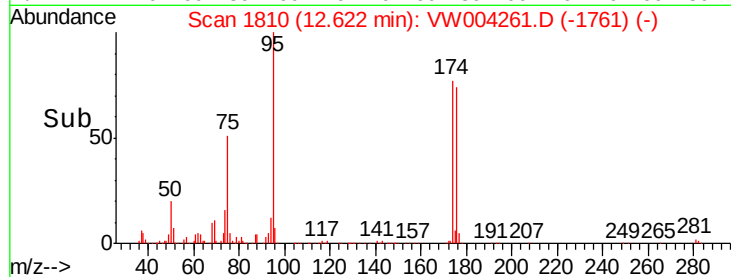
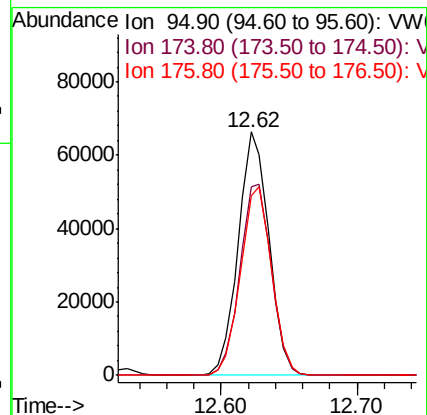
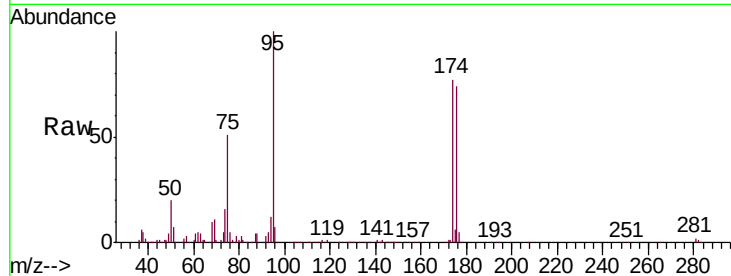
Tot Ion: 95 Resp: 104610

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

176 78.8 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: VW004261.D

Acq: 27 Jul 2018 08:54

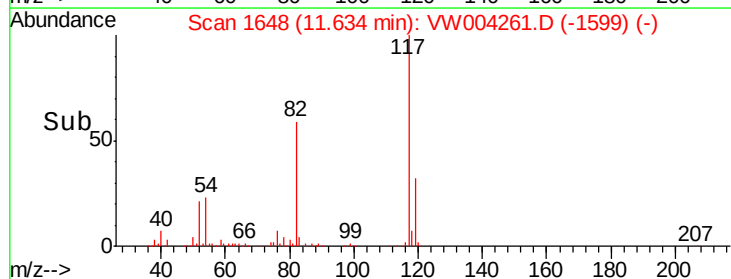
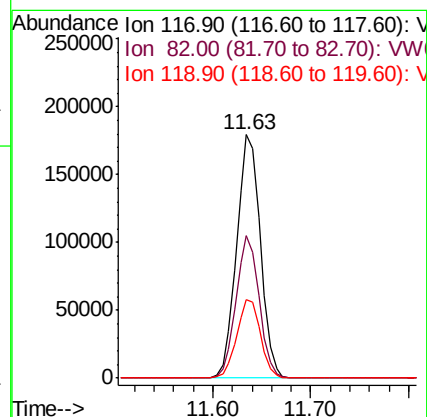
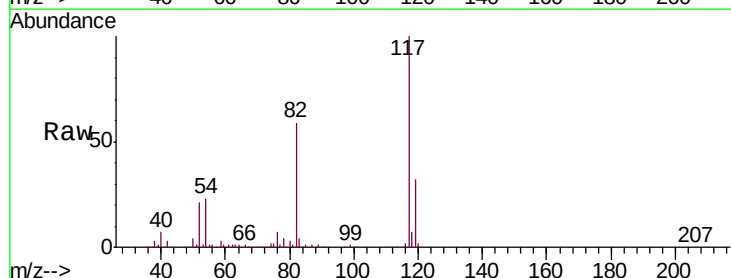
Tgt Ion: 117 Resp: 301564

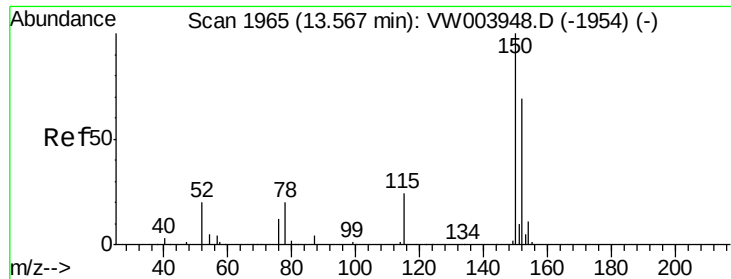
Ion Ratio Lower Upper

117 100

82 58.6 46.5 69.7

119 32.5 26.2 39.2

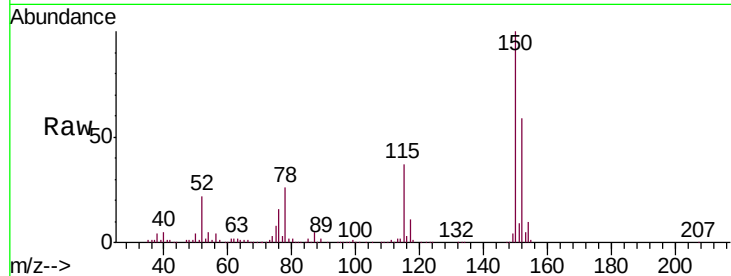




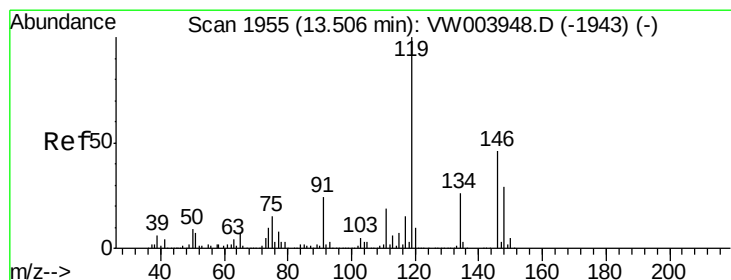
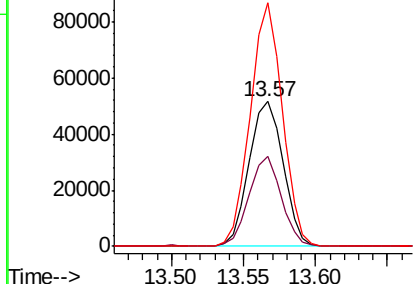
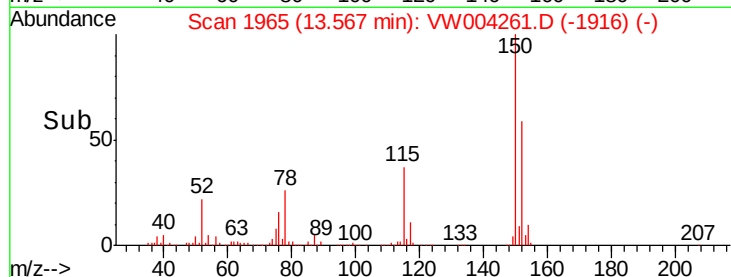
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-06RE

Tot Ion:152 Resp: 84348
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.2 87.6
 150 158.2 0.0 345.2

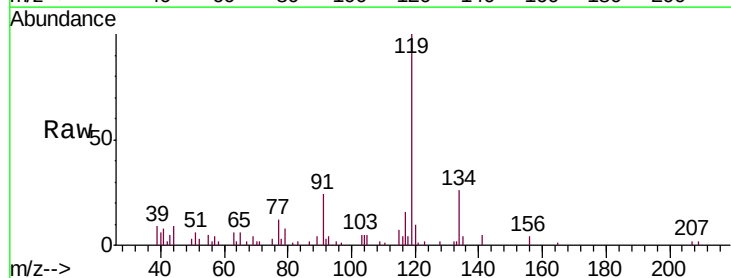


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

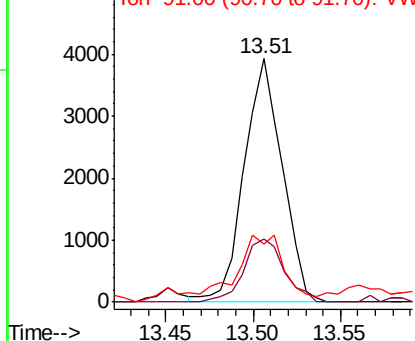
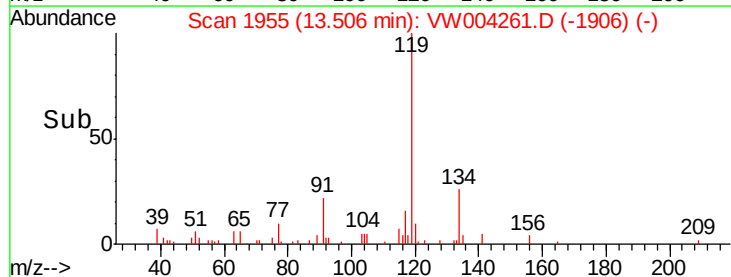


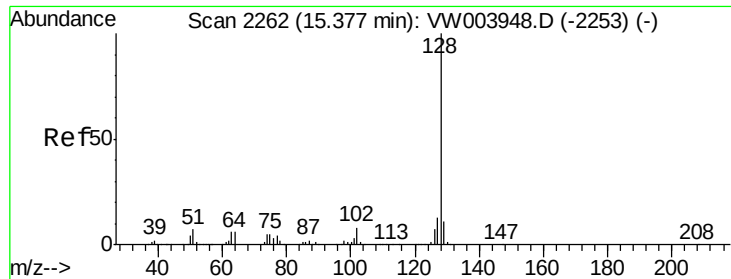
#86
 p-Isopropyltoluene
 Concen: 1.084 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

Tgt Ion:119 Resp: 5940
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.0 38.9
 91 27.9 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

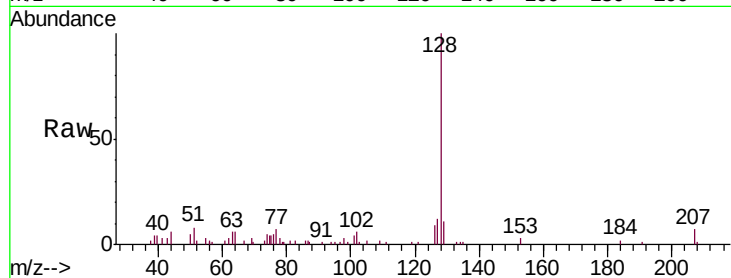




#95
 Naphthalene
 Concen: 3.413 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004261.D
 Acq: 27 Jul 2018 08:54

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-06RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	12.4	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

