

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004264.D
 Acq On : 27 Jul 2018 10:12
 Operator : SY/AP
 Sample : J4099-09RE
 Misc : 4.01G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-09RE

Quant Time: Jul 27 11:16:46 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

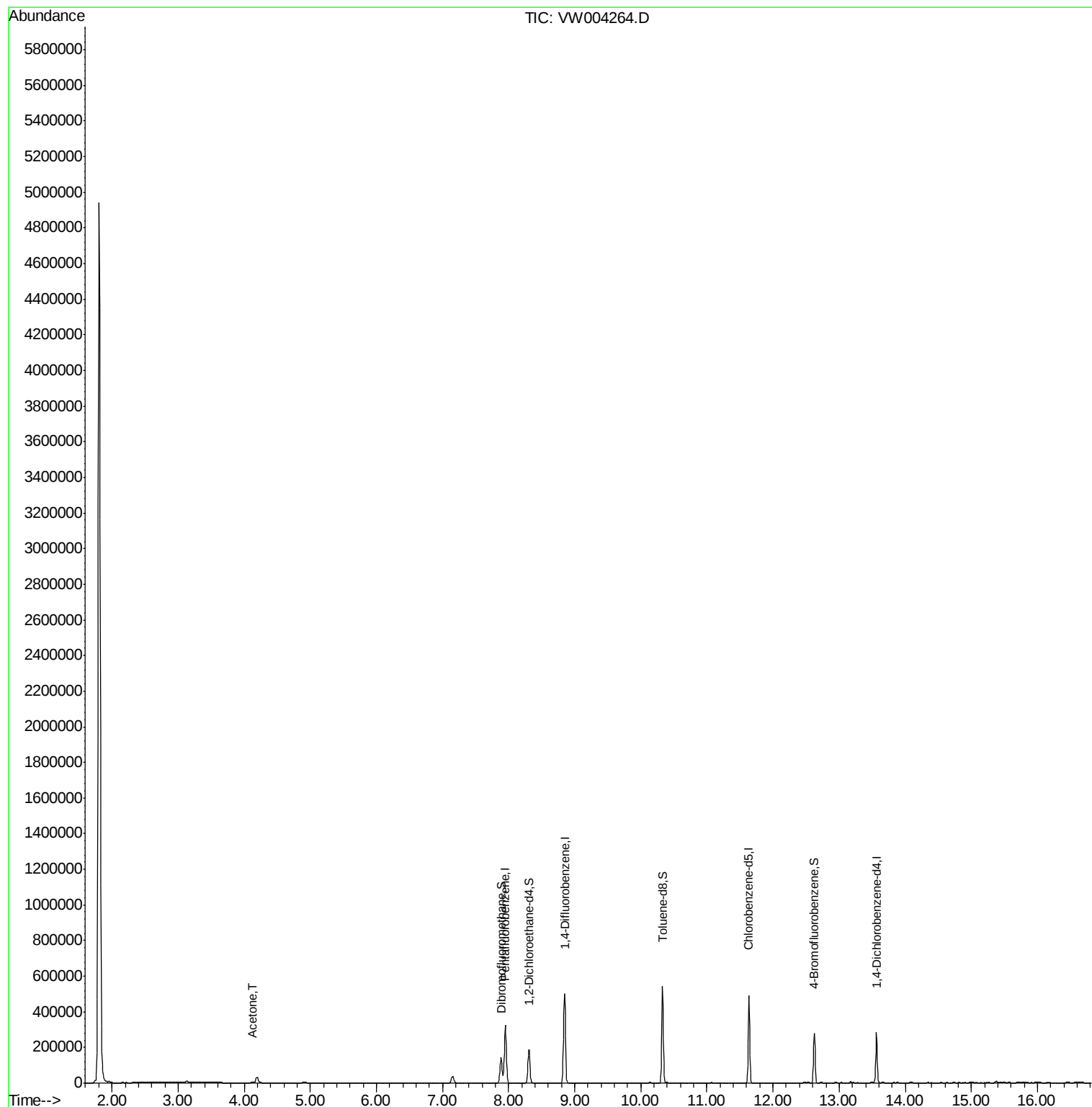
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	72764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150313	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.88	113	101893	37.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.92%	
50) Toluene-d8	10.33	98	356677	34.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.50%	
62) 4-Bromofluorobenzene	12.62	95	93174	24.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.62%	
Target Compounds						
16) Acetone	4.13	43	6439	9.974	ug/l	Qvalue 96

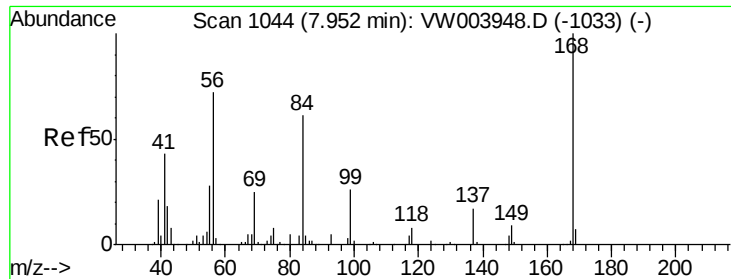
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004264.D

Acq: 27 Jul 2018 10:12

Instrument :

MSVOA_W

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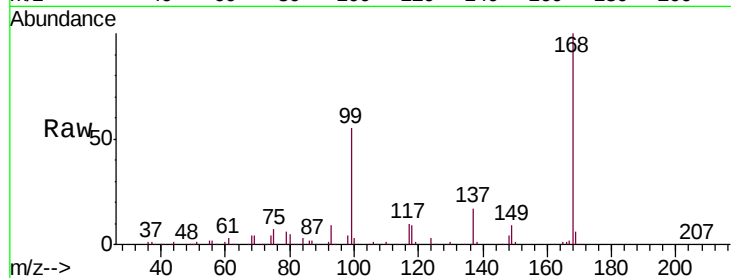
GL-TOPSOIL-09RE

Tot Ion:168 Resp: 240342

Ion Ratio Lower Upper

168 100

99 55.4 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

120000

100000

80000

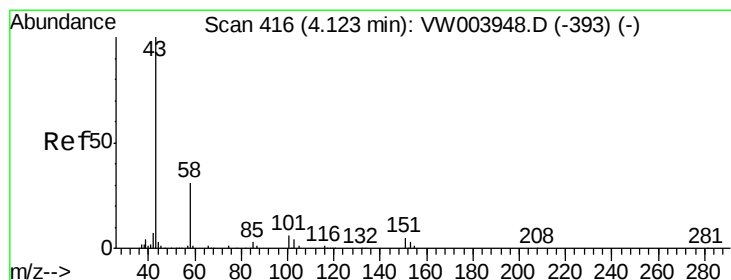
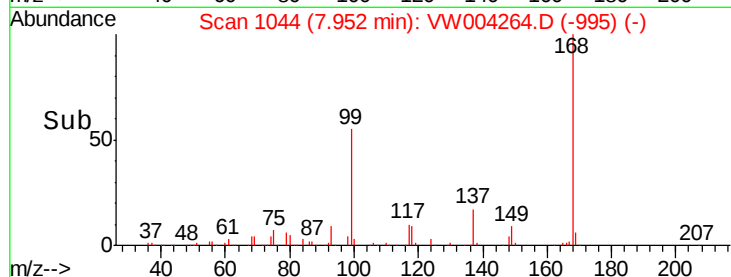
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.974 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004264.D

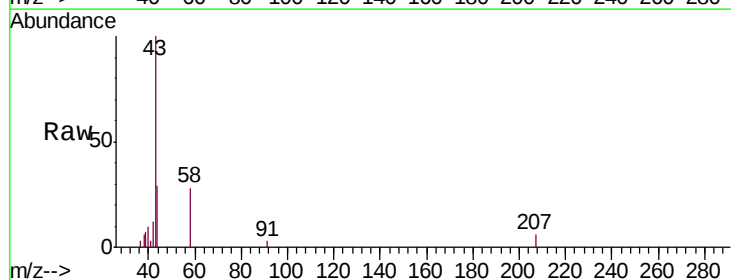
Acq: 27 Jul 2018 10:12

Tgt Ion: 43 Resp: 6439

Ion Ratio Lower Upper

43 100

58 28.5 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

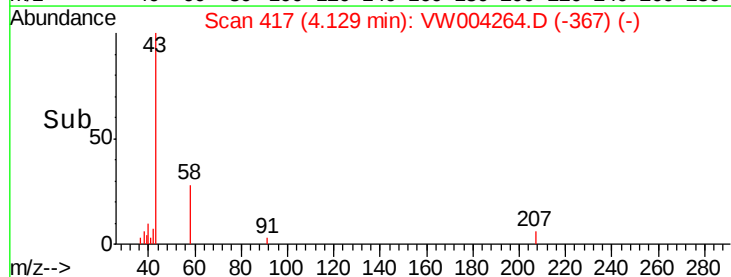
1500

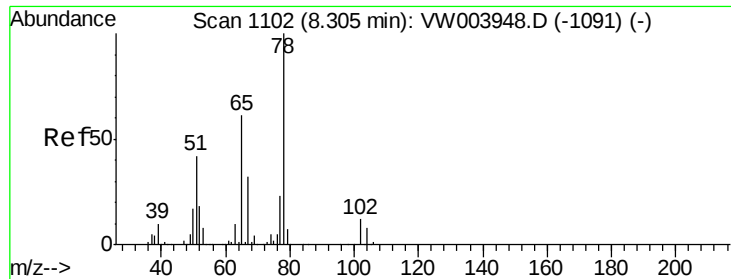
1000

500

0

Time--> 4.00 4.10 4.20

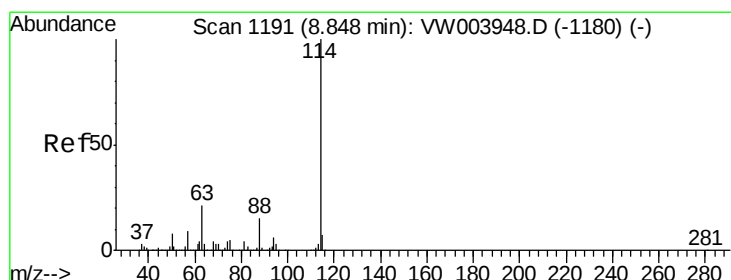
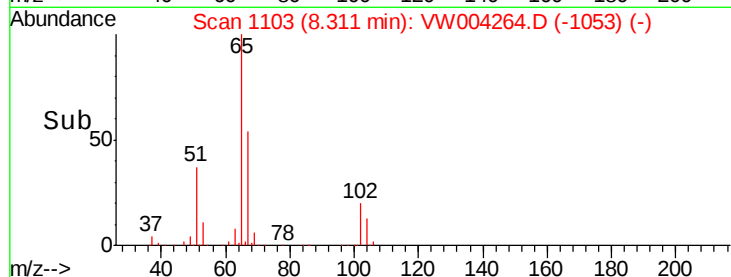
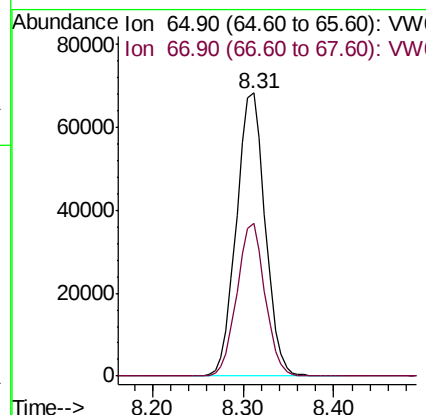
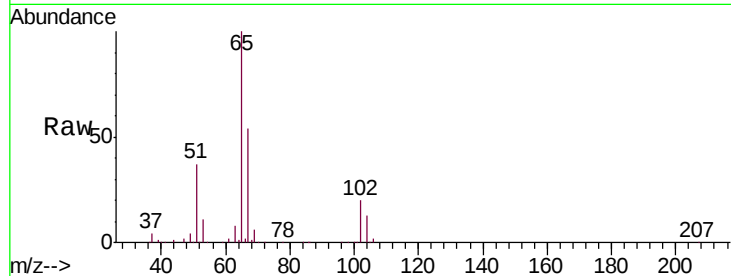




#33
 1,2-Dichloroethane-d4
 Concen: 55.950 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004264.D
 Acq: 27 Jul 2018 10:12

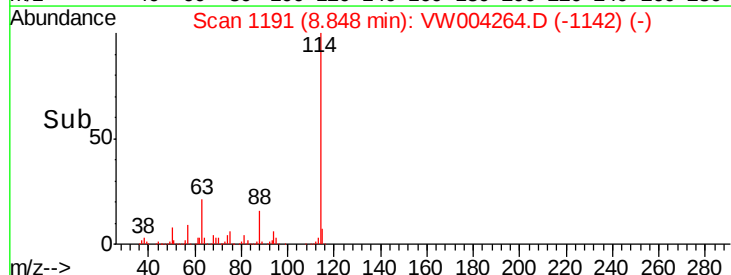
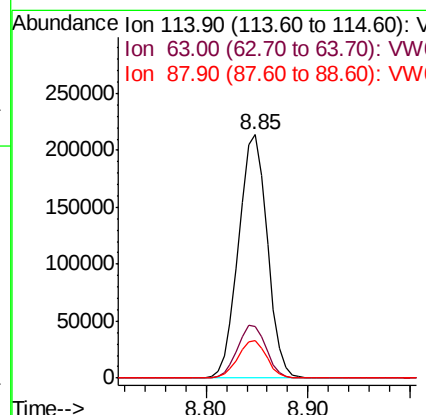
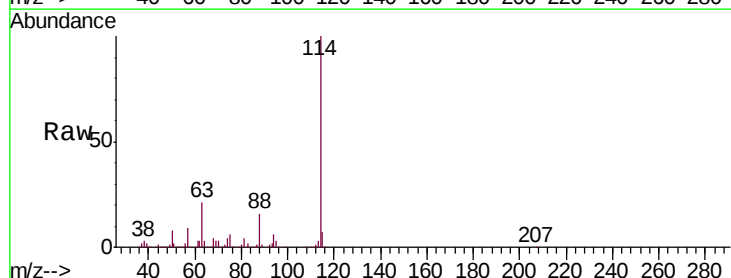
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-09RE

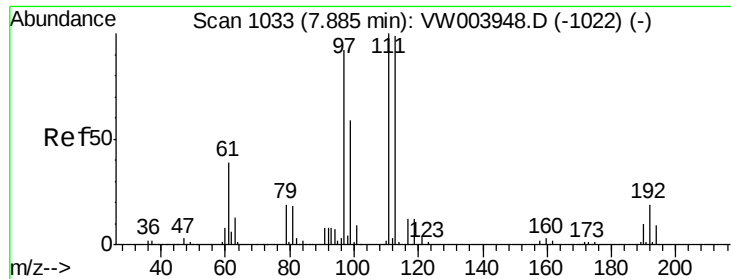
Tot Ion: 65 Resp: 150313
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004264.D
 Acq: 27 Jul 2018 10:12

Tgt Ion: 114 Resp: 418325
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.7 0.0 30.4

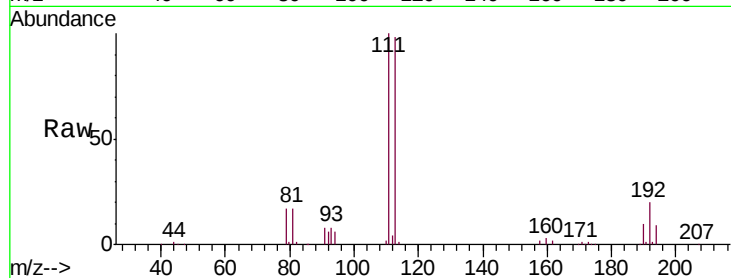




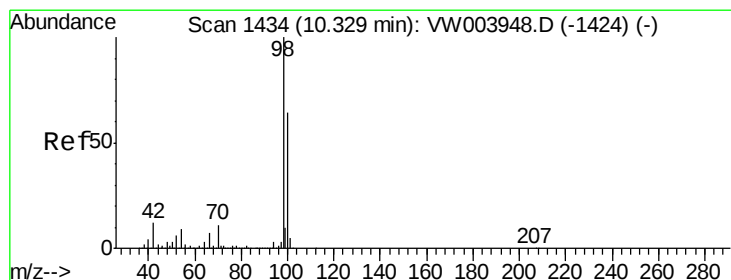
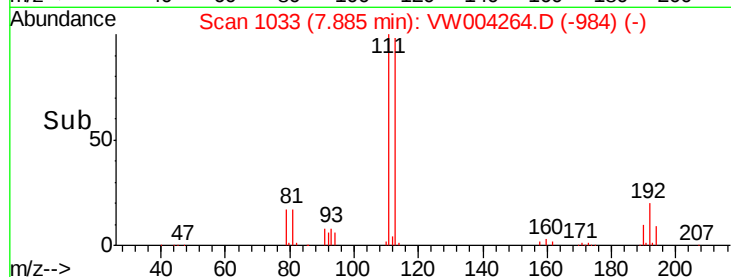
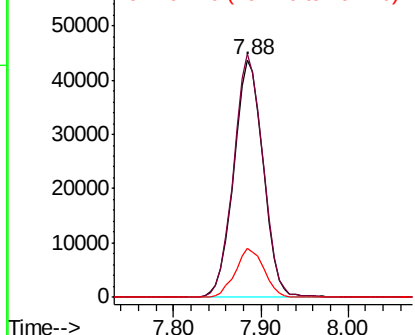
#35
Dibromofluoromethane
Concen: 37.962 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004264.D
Acq: 27 Jul 2018 10:12

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-09RE

Tot Ion:113 Resp: 101893
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 15.8 23.6

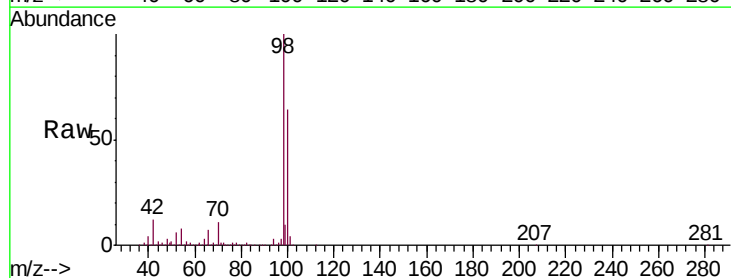


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

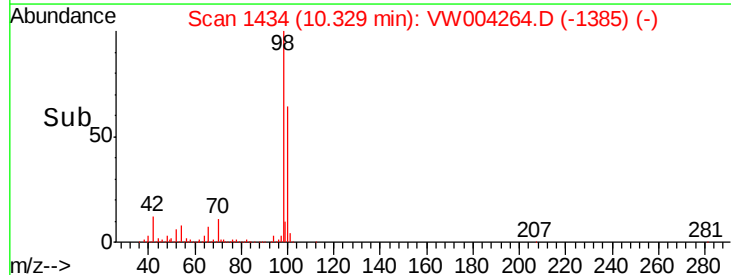
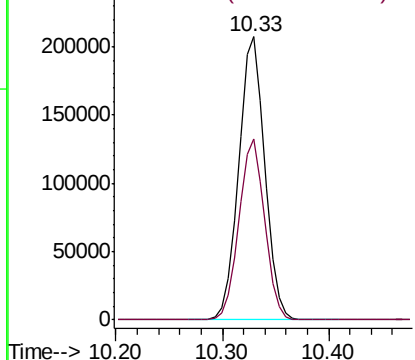


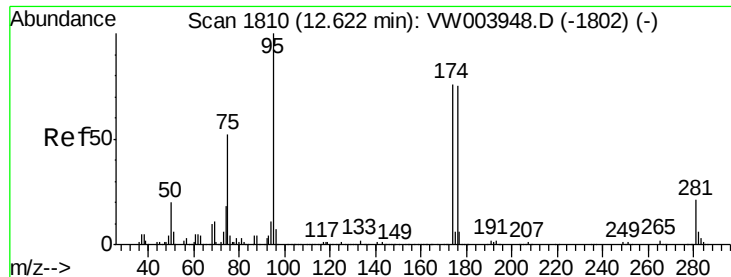
#50
Toluene-d8
Concen: 34.247 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004264.D
Acq: 27 Jul 2018 10:12

Tgt Ion: 98 Resp: 356677
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

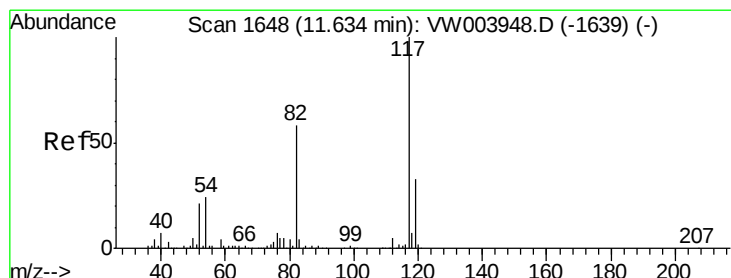
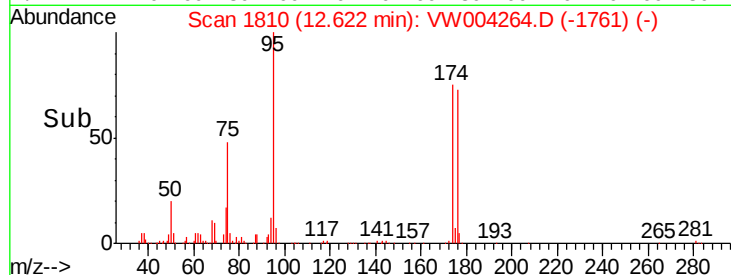
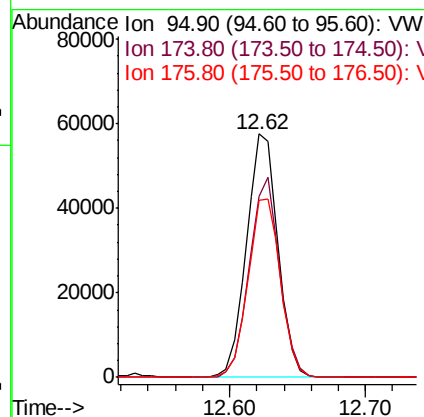
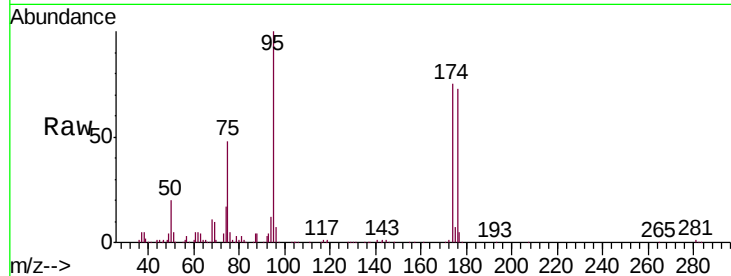




#62
4-Bromofluorobenzene
Concen: 24.809 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004264.D
Acq: 27 Jul 2018 10:12

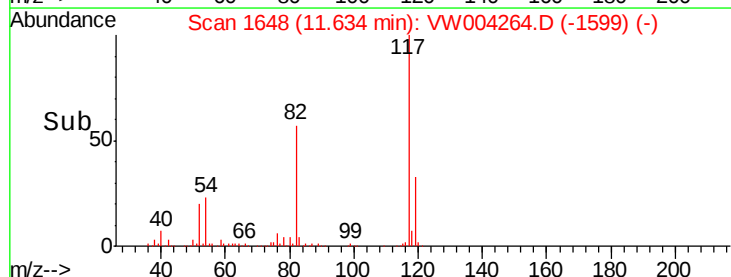
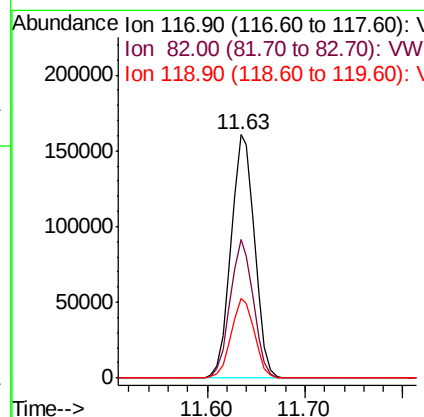
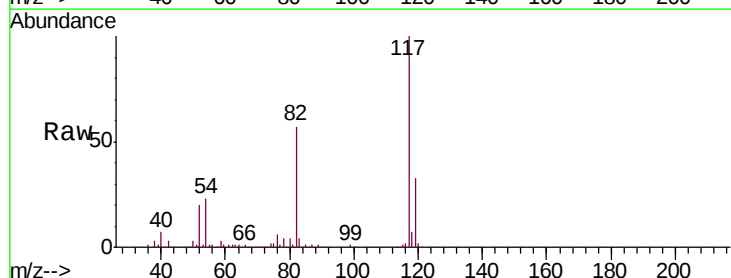
Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-09RE

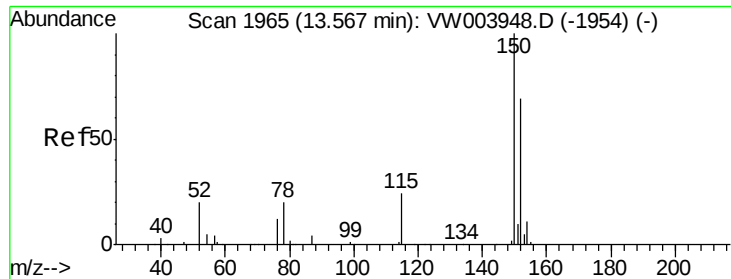
Tot Ion: 95 Resp: 93174
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.2
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004264.D
Acq: 27 Jul 2018 10:12

Tgt Ion: 117 Resp: 268504
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.9 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: VW004264.D

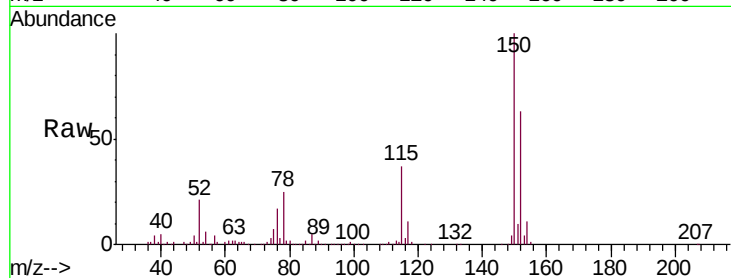
Acq: 27 Jul 2018 10:12

Instrument :

MSVOA_W

ClientSampleId :

GL-TOPSOIL-09RE



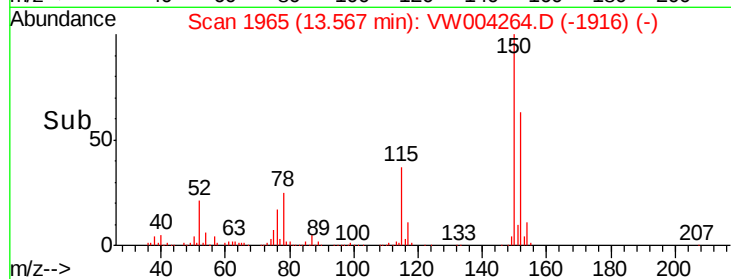
Tot Ion:152 Resp: 72764

Ion Ratio Lower Upper

152 100

115 58.9 29.2 87.6

150 159.4 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

