

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004260.D
 Acq On : 27 Jul 2018 08:28
 Operator : SY/AP
 Sample : J4099-05RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-05RE

Quant Time: Jul 27 08:53:16 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

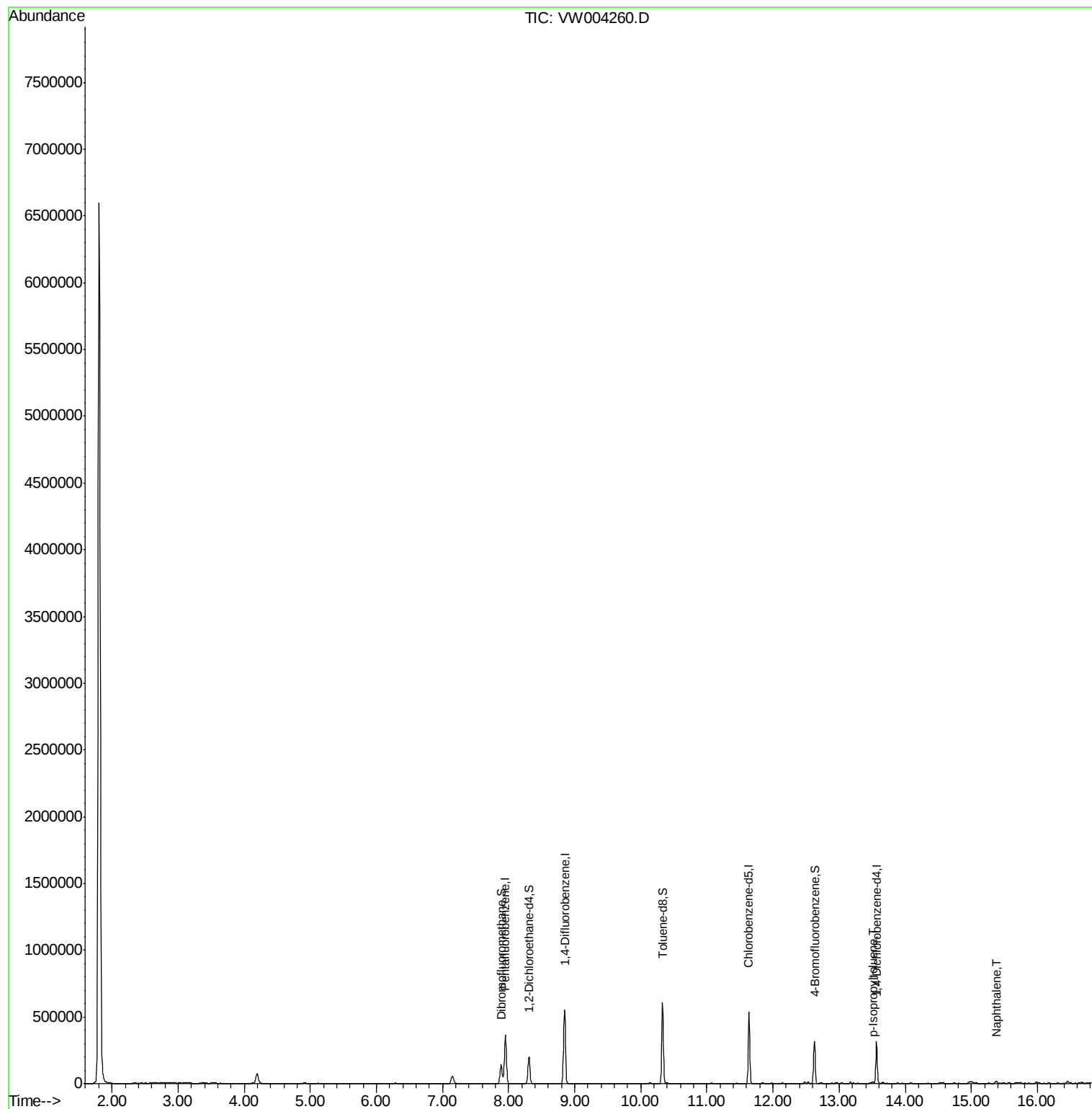
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	81634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161695	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	7.88	113	104912	35.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.76%	
50) Toluene-d8	10.33	98	405525	35.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.48%	
62) 4-Bromofluorobenzene	12.62	95	104226	25.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.96%	
Target Compounds						
86) p-Isopropyltoluene	13.51	119	7412	1.397	ug/l	89
95) Naphthalene	15.38	128	13561	4.259	ug/l	97

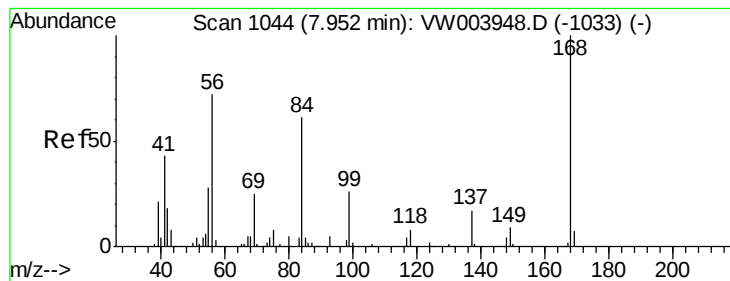
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004260.D

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Instrument :

MSVOA_W

ClientSampleId :

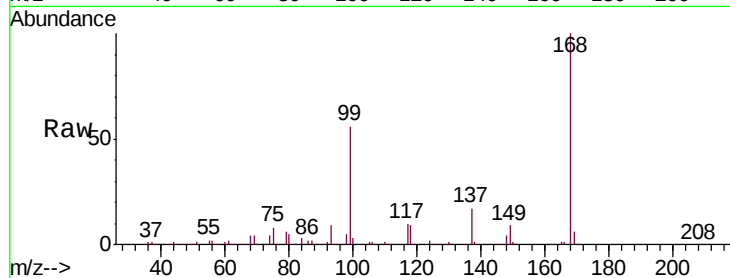
GL-TOPSOIL-05RE

Tot Ion:168 Resp: 274587

Ion Ratio Lower Upper

168 100

99 55.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

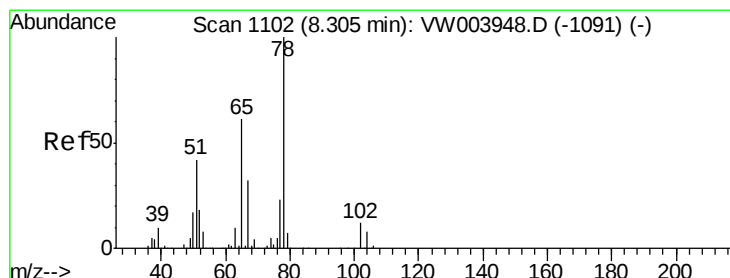
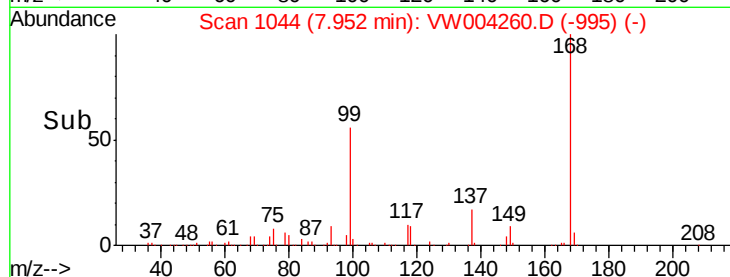
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.681 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004260.D

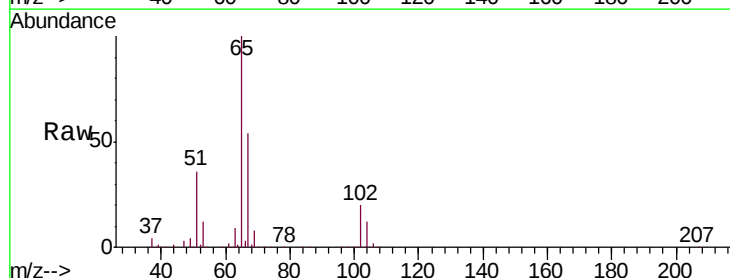
Acq: 27 Jul 2018 08:28

Tgt Ion: 65 Resp: 161695

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

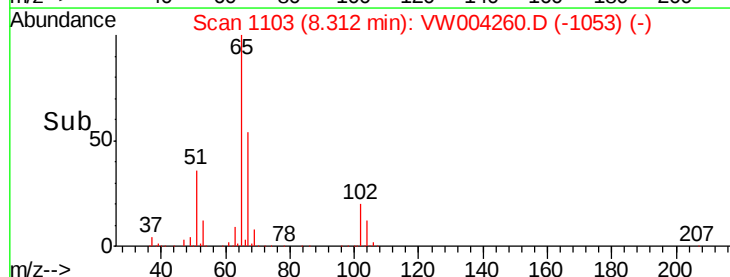
60000

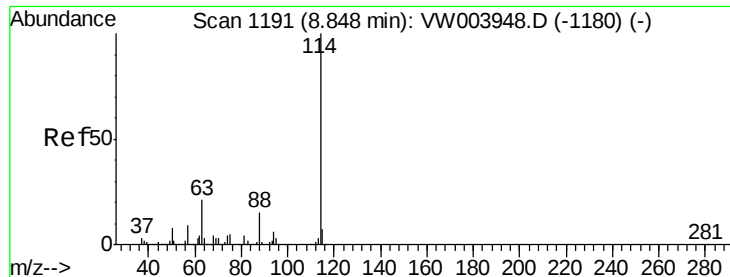
40000

20000

0

Time--> 8.20 8.30 8.40

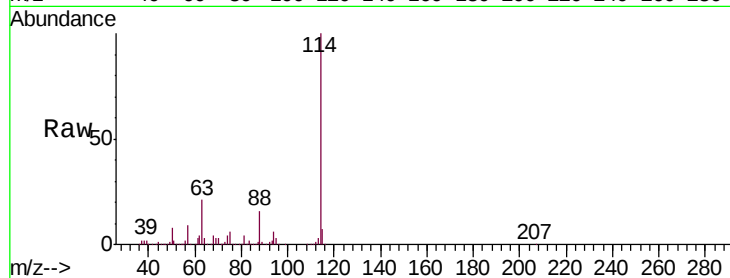




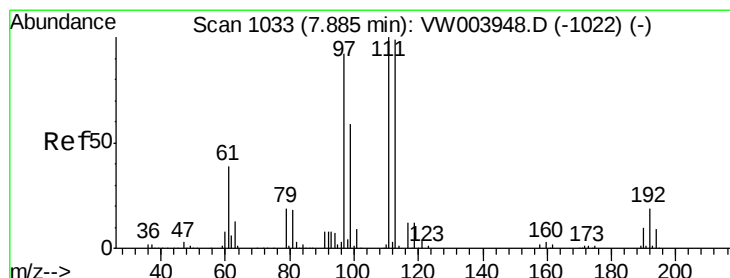
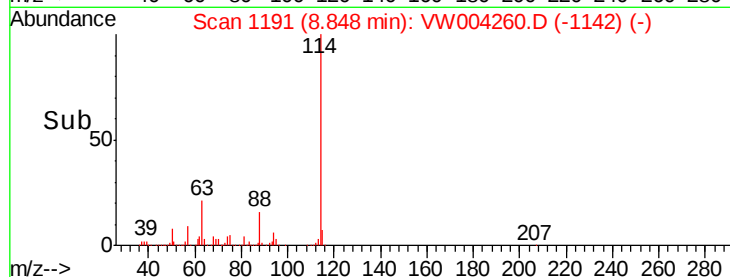
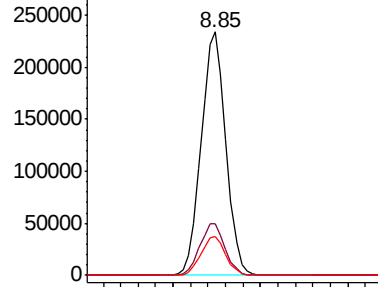
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-05RE

Tot Ion:114 Resp: 455691
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 15.9 0.0 30.4

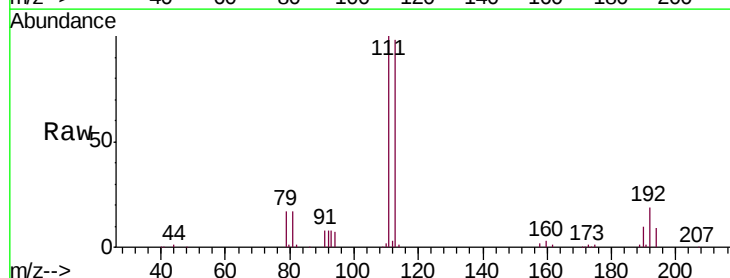


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

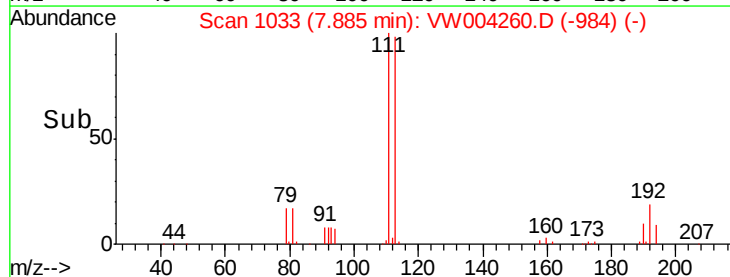
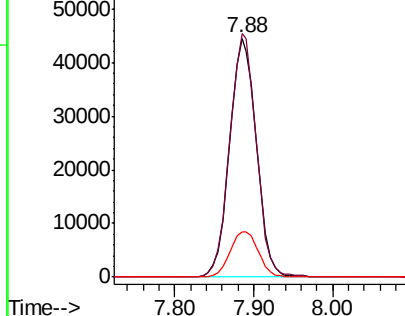


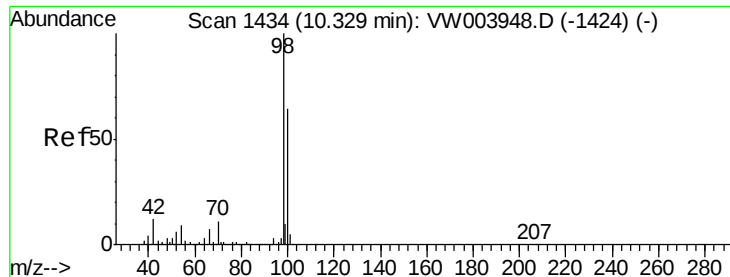
#35
Dibromofluoromethane
Concen: 35.882 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

Tgt Ion:113 Resp: 104912
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 20.1 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: 35.744 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004260.D

Acq: 27 Jul 2018 08:28

Instrument :

MSVOA_W

ClientSampleId :

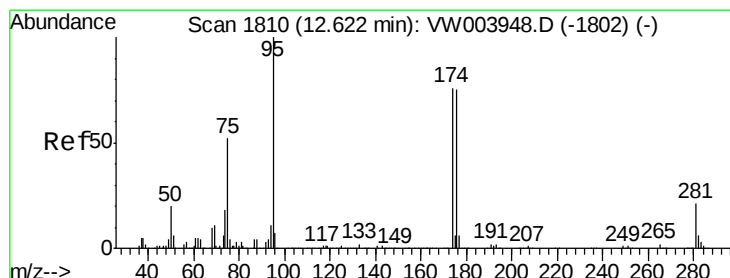
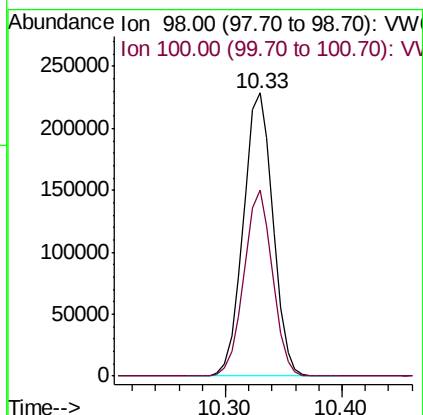
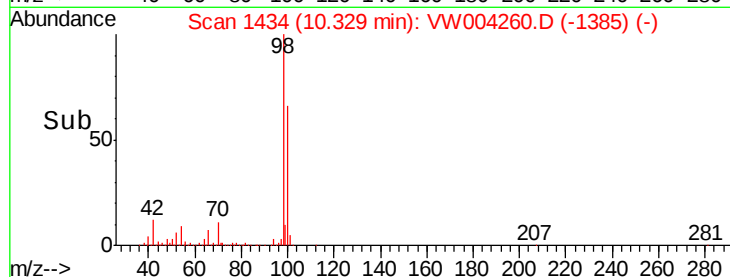
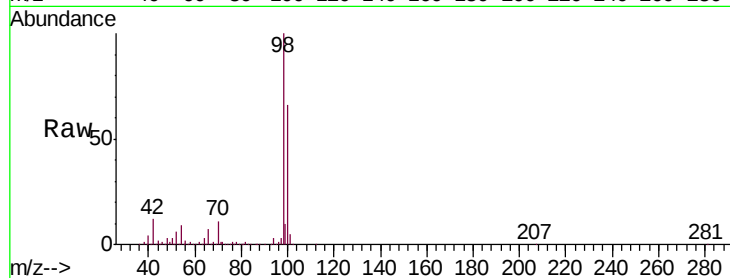
GL-TOPSOIL-05RE

Tot Ion: 98 Resp: 405525

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 25.476 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004260.D

Acq: 27 Jul 2018 08:28

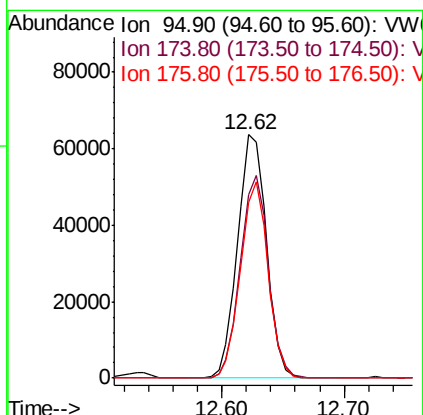
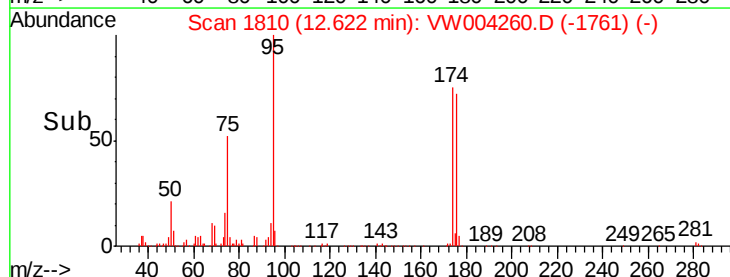
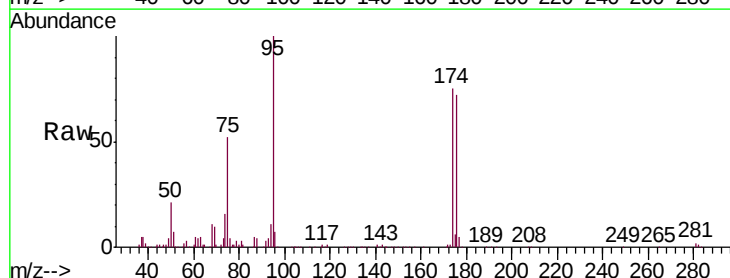
Tgt Ion: 95 Resp: 104226

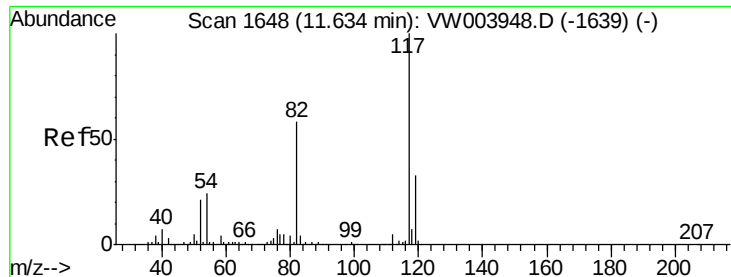
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.2

176 77.3 0.0 155.8

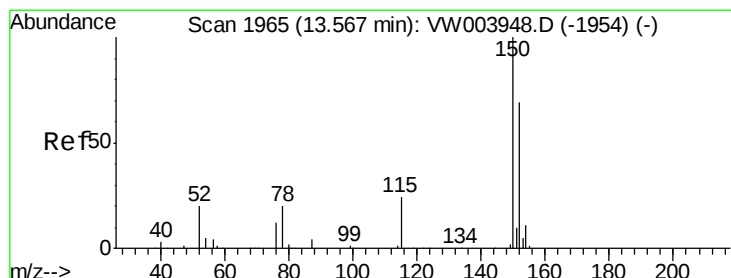
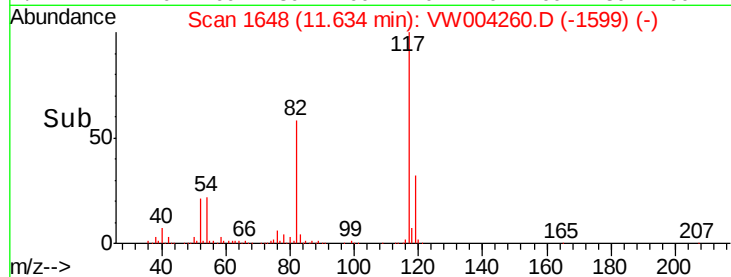
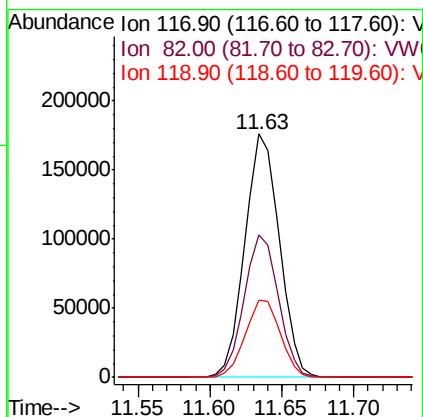
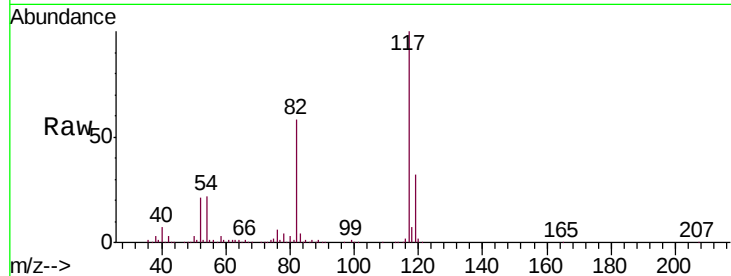




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

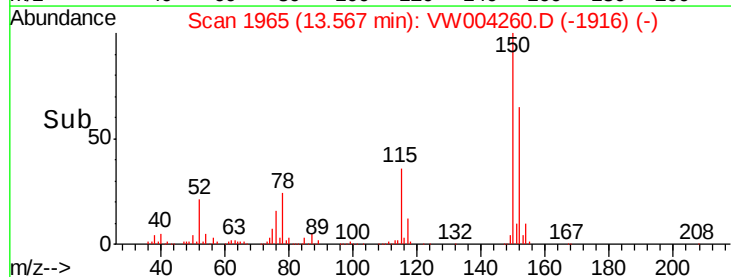
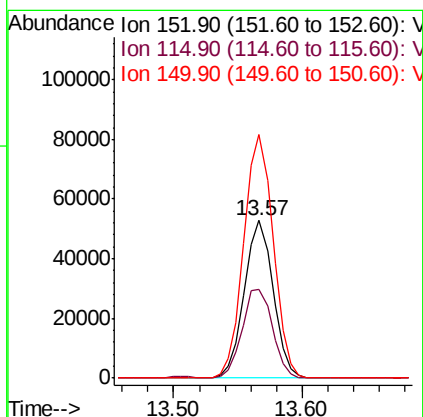
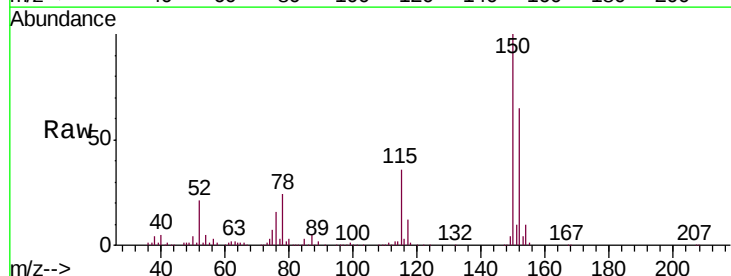
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GL-TOPSOIL-05RE

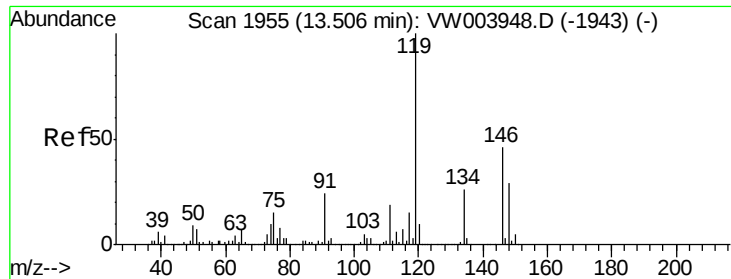
Tot Ion:117 Resp: 292186
Ion Ratio Lower Upper
117 100
82 58.5 46.5 69.7
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

Tgt Ion:152 Resp: 81634
Ion Ratio Lower Upper
152 100
115 59.4 29.2 87.6
150 158.0 0.0 345.2

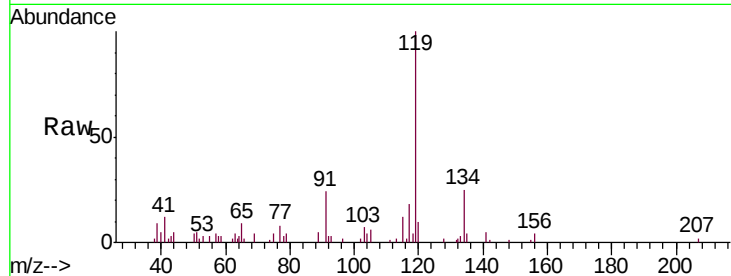




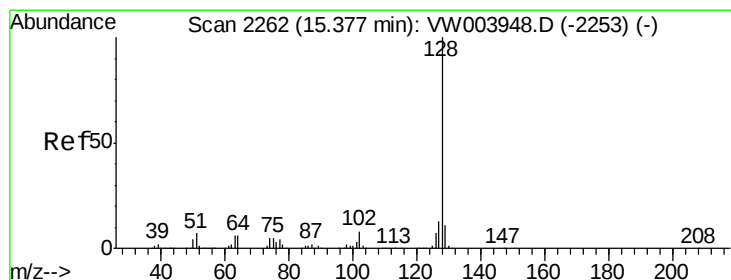
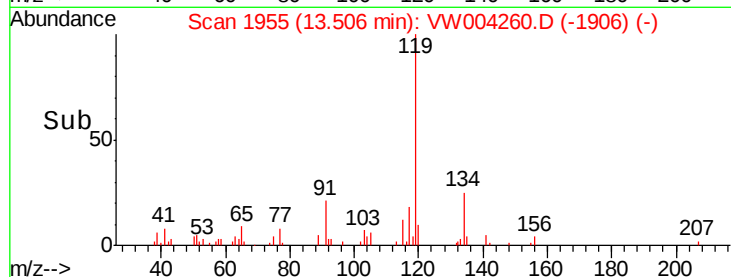
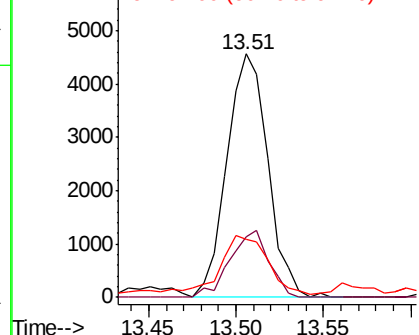
#86
p-Isopropyltoluene
Concen: 1.397 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-05RE

Tot Ion:119 Resp: 7412
Ion Ratio Lower Upper
119 100
134 26.0 13.0 38.9
91 34.3 11.8 35.3

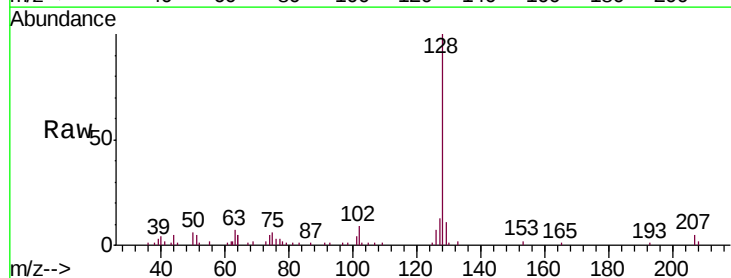


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 4.259 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004260.D
Acq: 27 Jul 2018 08:28

Tgt Ion:128 Resp: 13561
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 12.3 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

