

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004257.D
 Acq On : 27 Jul 2018 07:11
 Operator : SY/AP
 Sample : J4099-02RE
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-02RE

Quant Time: Jul 27 08:46:12 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

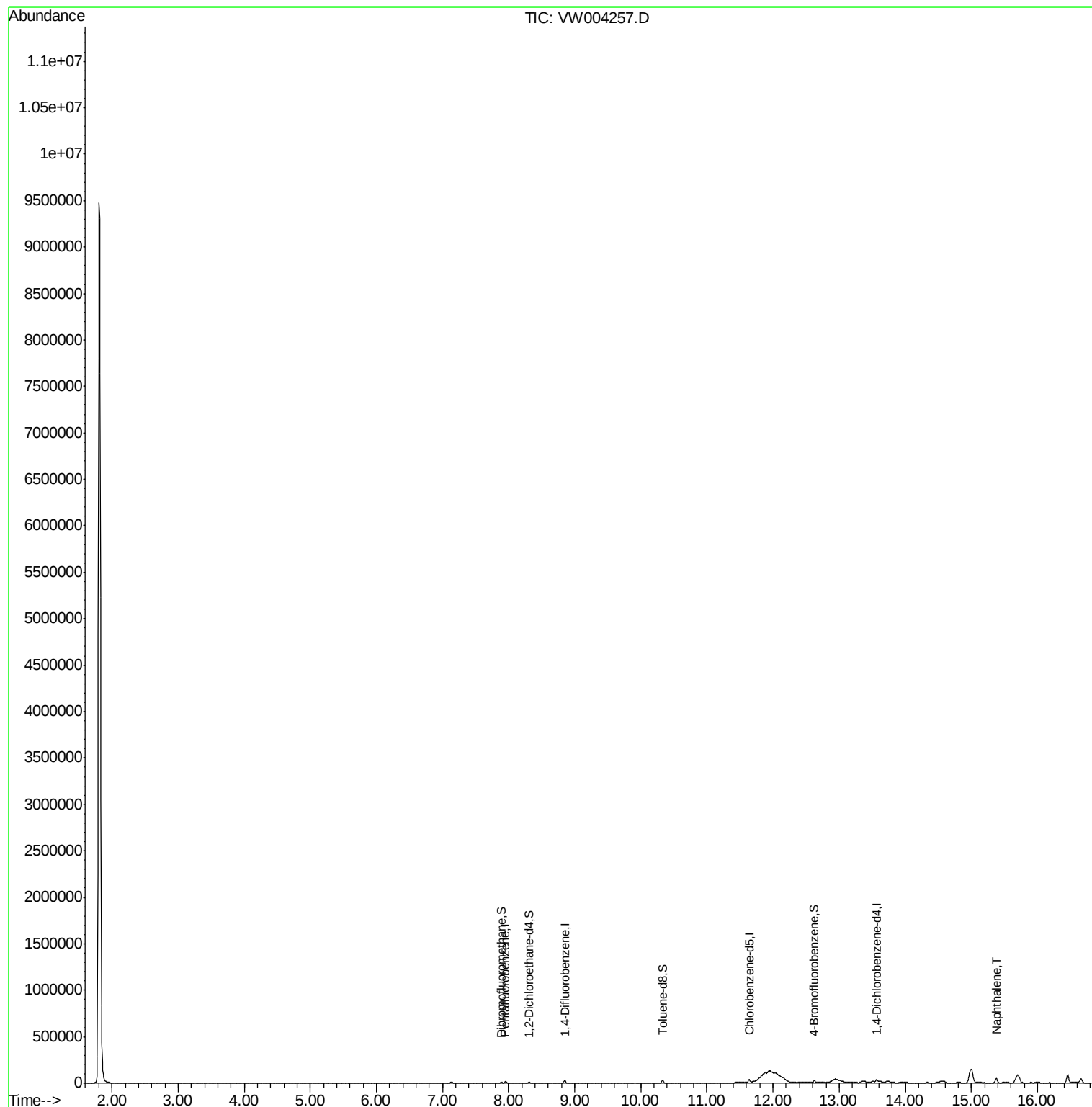
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	14485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	23052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	18250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9545	58.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.90%	
35) Dibromofluoromethane	7.89	113	5498	37.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.34%	
50) Toluene-d8	10.33	98	23389	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
62) 4-Bromofluorobenzene	12.63	95	7030	33.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.94%	
Target Compounds						
95) Naphthalene	15.38	128	38084	119.192	ug/l	Qvalue 98

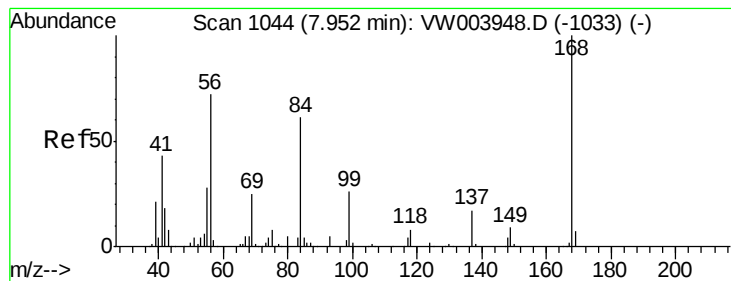
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

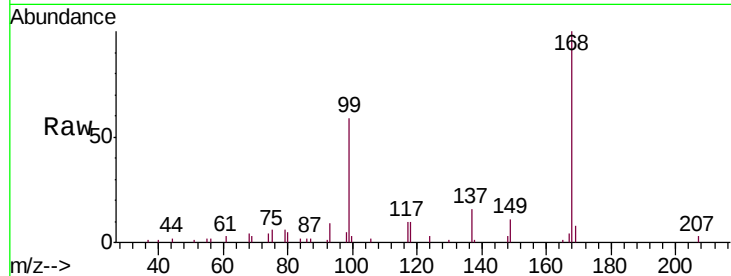
GL-TOPSOIL-02RE

Tot Ion:168 Resp: 14485

Ion Ratio Lower Upper

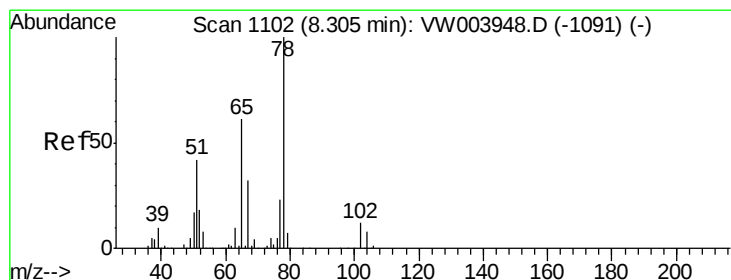
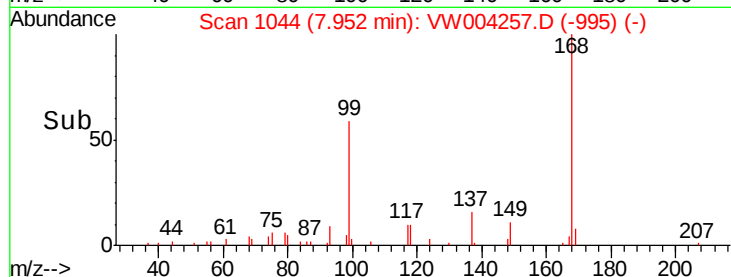
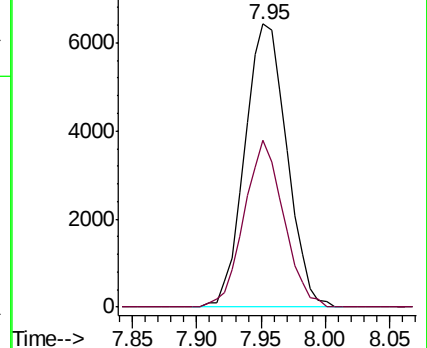
168 100

99 58.9 43.8 65.6



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: 58.951 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004257.D

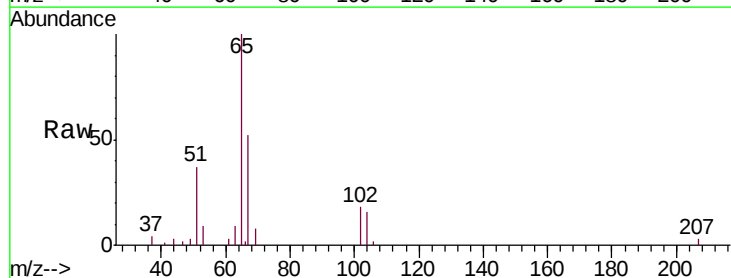
Acq: 27 Jul 2018 07:11

Tgt Ion: 65 Resp: 9545

Ion Ratio Lower Upper

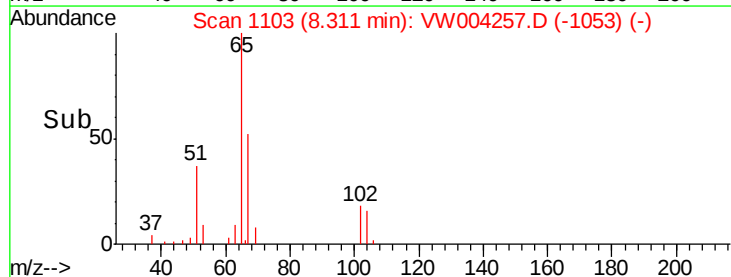
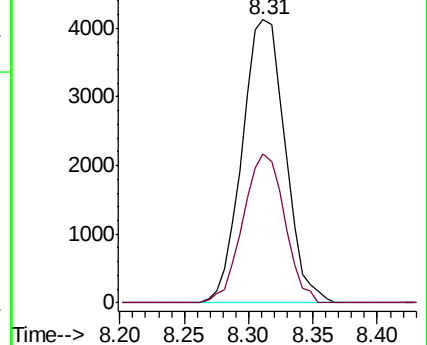
65 100

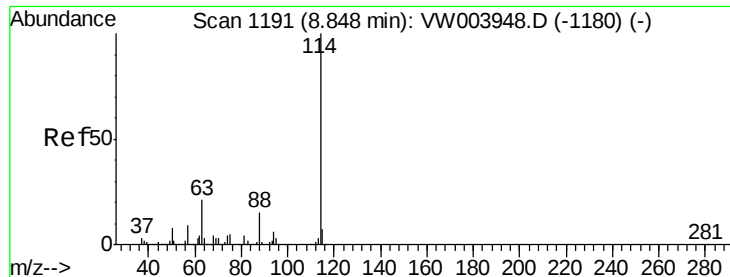
67 50.7 0.0 105.0



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: VW004257.D

Acq: 27 Jul 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

GL-TOPSOIL-02RE

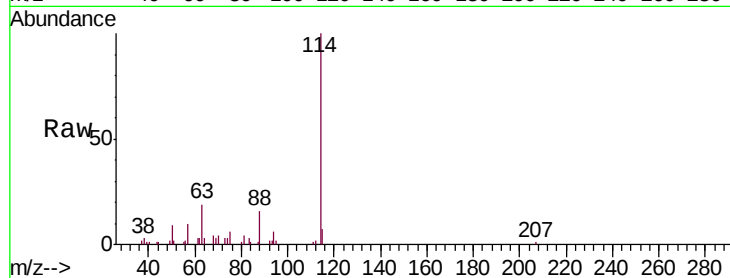
Tot Ion:114 Resp: 23052

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.8

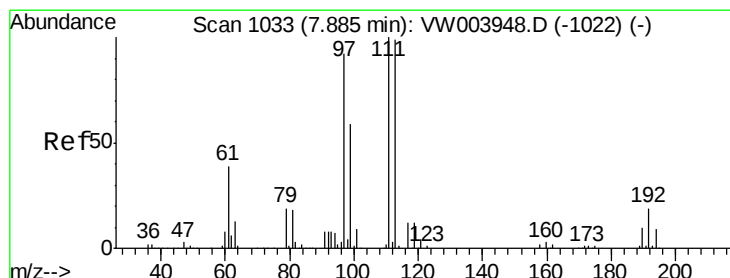
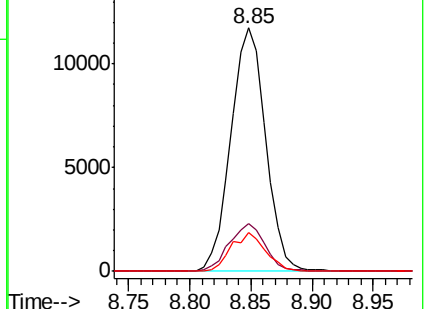
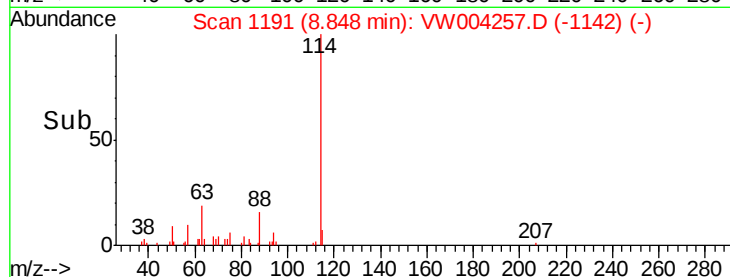
88 16.2 0.0 30.4



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: 37.172 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004257.D

Acq: 27 Jul 2018 07:11

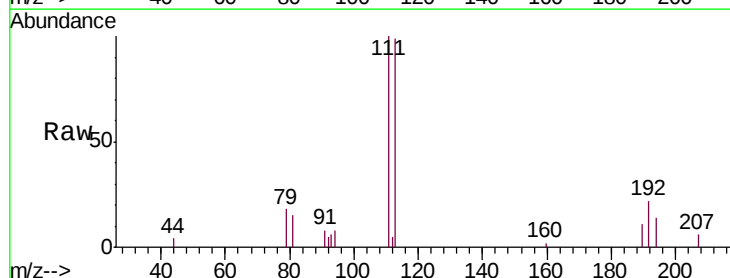
Tgt Ion:113 Resp: 5498

Ion Ratio Lower Upper

113 100

111 105.4 81.3 121.9

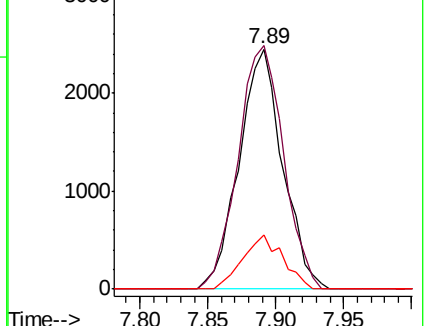
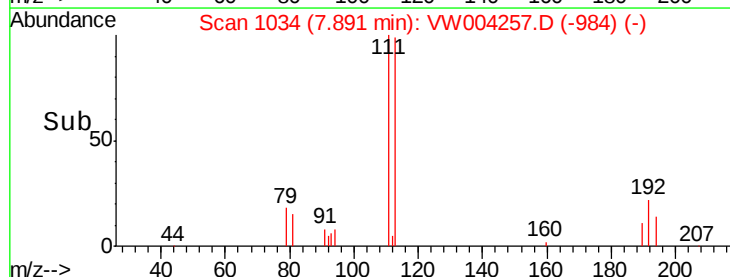
192 20.6 15.8 23.6

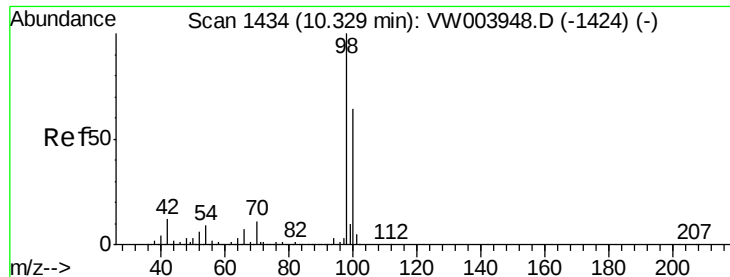


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.753 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004257.D

Acq: 27 Jul 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

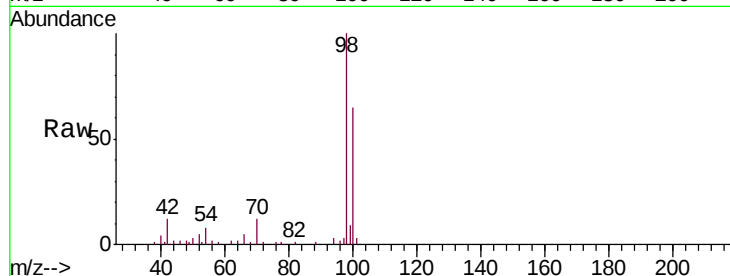
GL-TOPSOIL-02RE

Tot Ion: 98 Resp: 23389

Ion Ratio Lower Upper

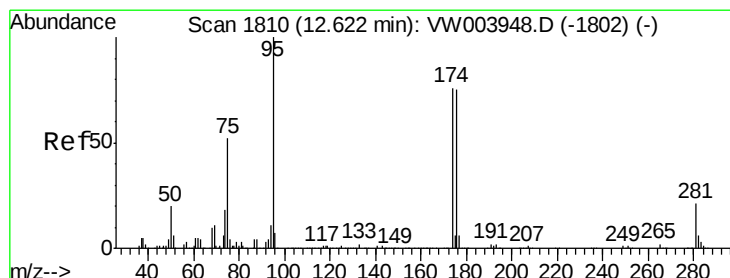
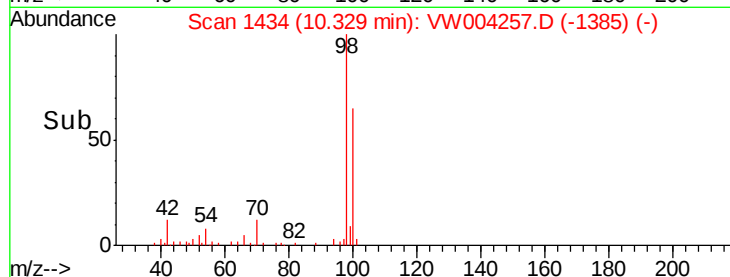
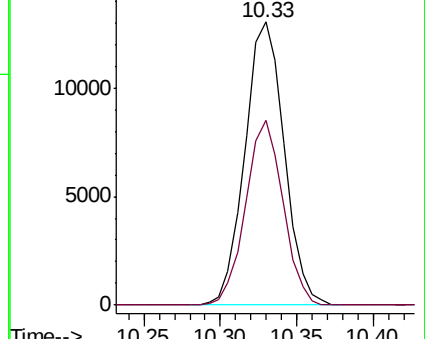
98 100

100 61.6 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: 33.969 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004257.D

Acq: 27 Jul 2018 07:11

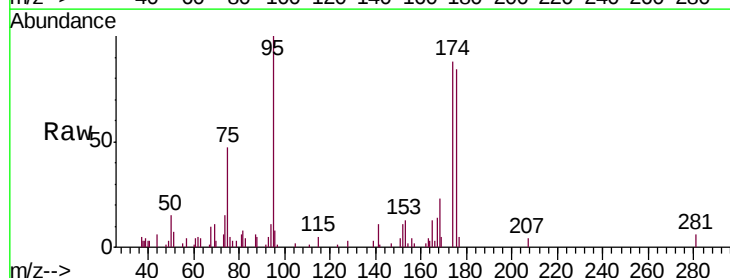
Tgt Ion: 95 Resp: 7030

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.2

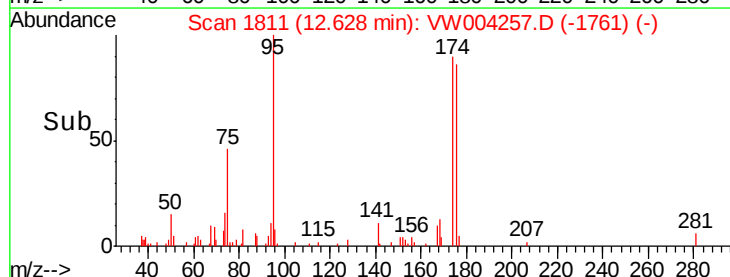
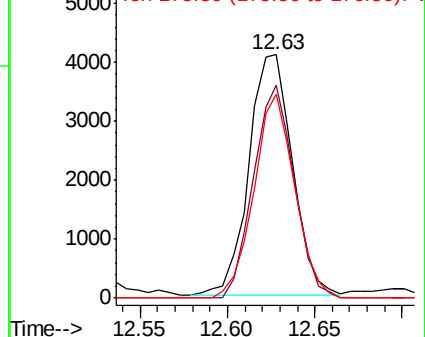
176 79.3 0.0 155.8

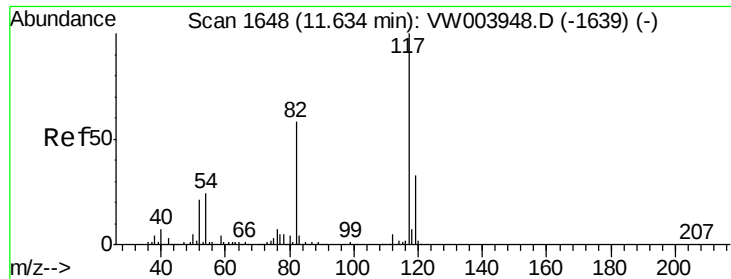


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

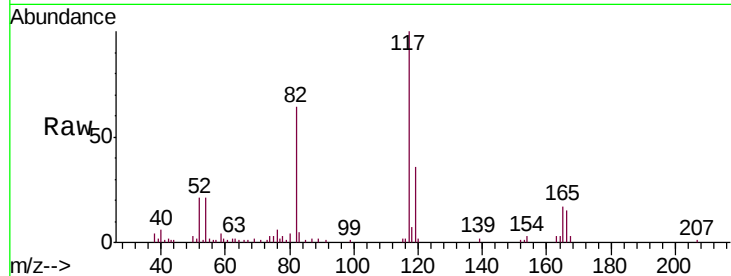




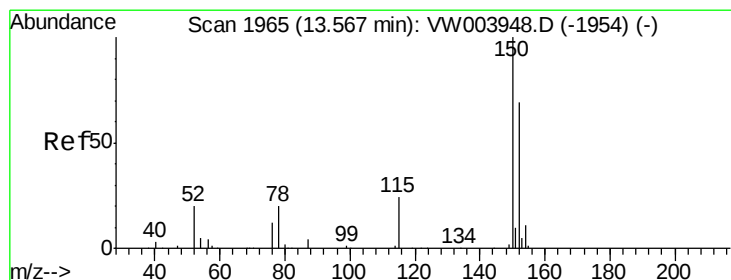
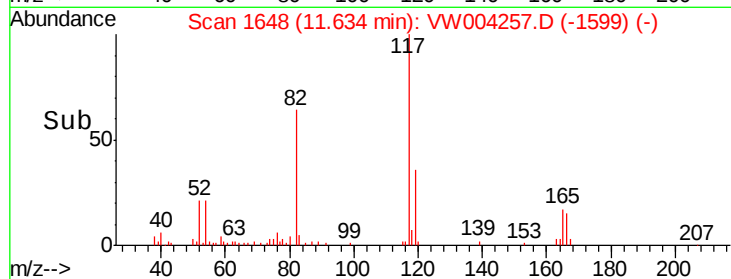
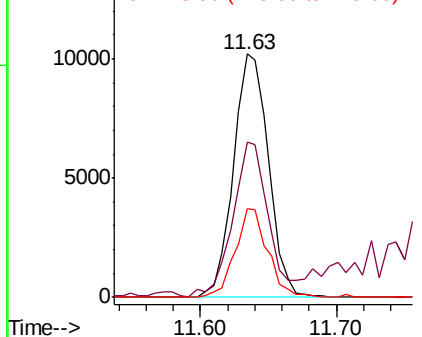
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004257.D
Acq: 27 Jul 2018 07:11

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-02RE

Tot Ion:117 Resp: 18250
Ion Ratio Lower Upper
117 100
82 62.1 46.5 69.7
119 36.3 26.2 39.2

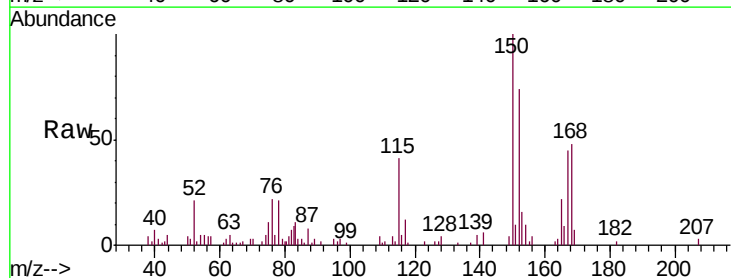


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

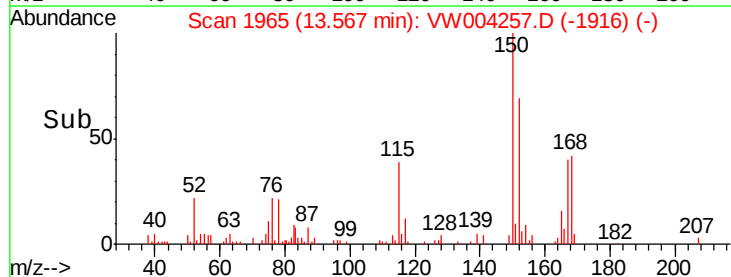
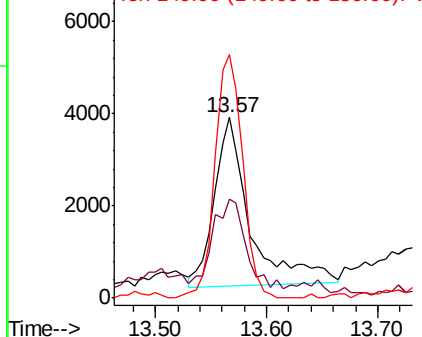


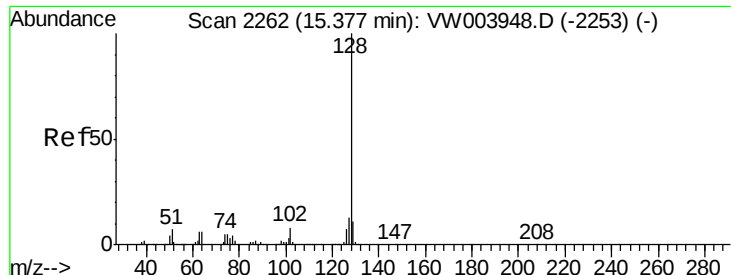
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004257.D
Acq: 27 Jul 2018 07:11

Tgt Ion:152 Resp: 8192
Ion Ratio Lower Upper
152 100
115 55.1 29.2 87.6
150 110.7 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

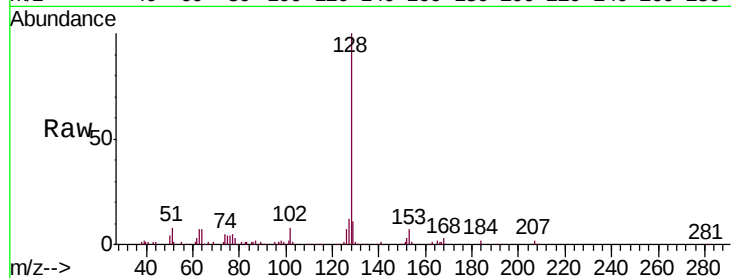




#95
Naphthalene
Concen: 119.192 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004257.D
Acq: 27 Jul 2018 07:11

Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-02RE

Tot Ion:128 Resp: 38084
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.8 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

