

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004262.D
 Acq On : 27 Jul 2018 09:20
 Operator : SY/AP
 Sample : J4099-07RE
 Misc : 7.24G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-TOPSOIL-07RE

Quant Time: Jul 27 11:13:12 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

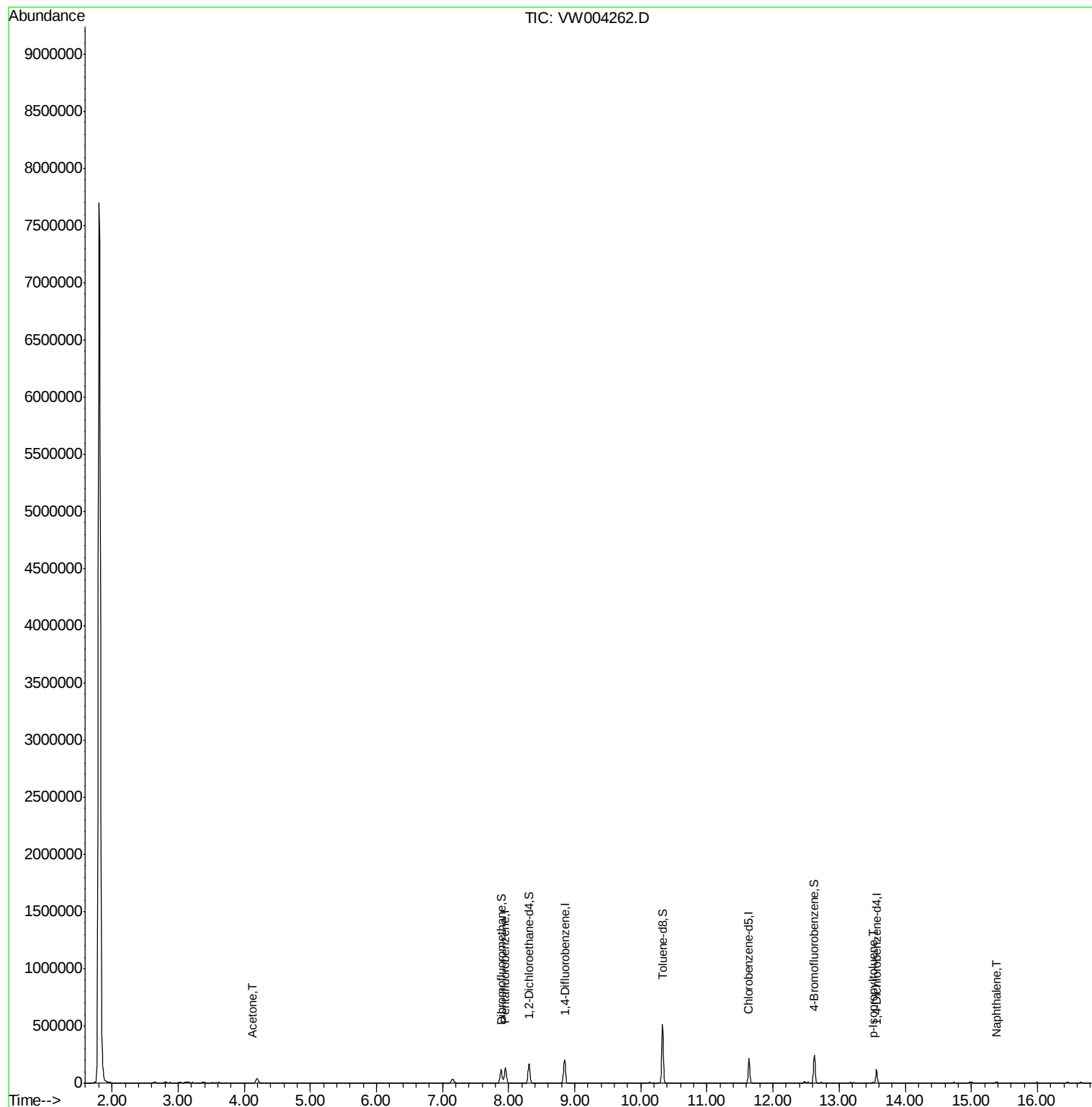
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132956	117.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	235.68%	
35) Dibromofluoromethane	7.89	113	82509	76.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.64%	
50) Toluene-d8	10.33	98	340086	81.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.20%	
62) 4-Bromofluorobenzene	12.62	95	81099	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
Target Compounds						
16) Acetone	4.12	43	4246	15.661	ug/l	99
86) p-Isopropyltoluene	13.51	119	2422	1.199	ug/l #	79
95) Naphthalene	15.38	128	8239	6.797	ug/l	96

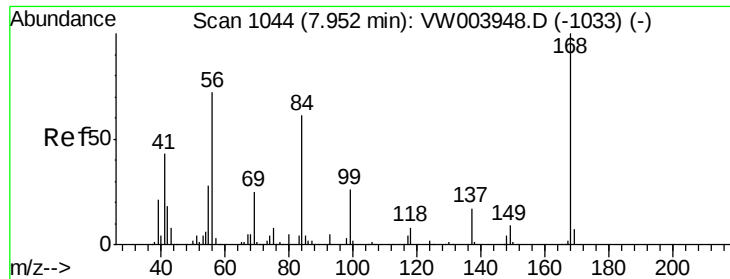
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004262.D

Acq: 27 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

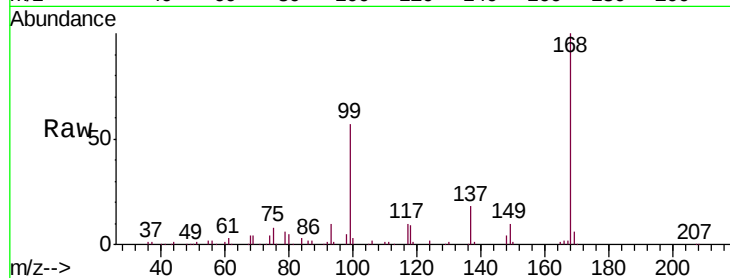
GL-TOPSOIL-07RE

Tot Ion:168 Resp: 100933

Ion Ratio Lower Upper

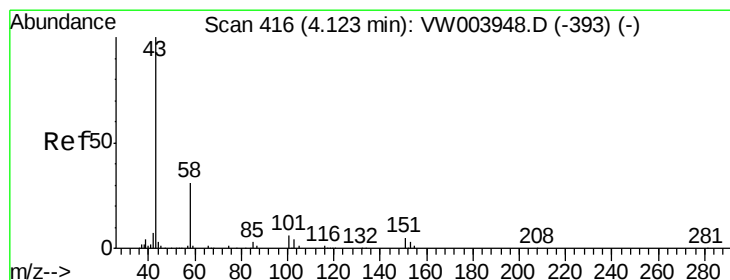
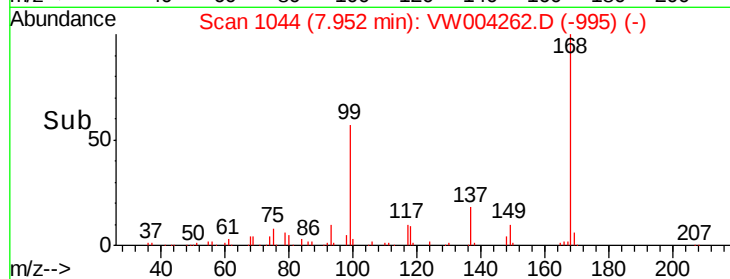
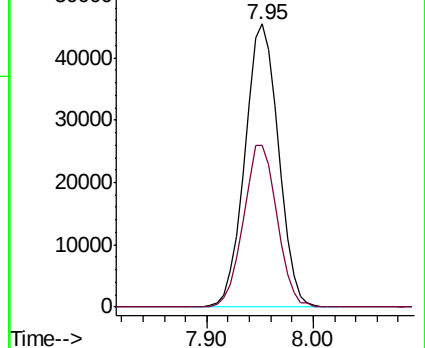
168 100

99 57.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 15.661 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004262.D

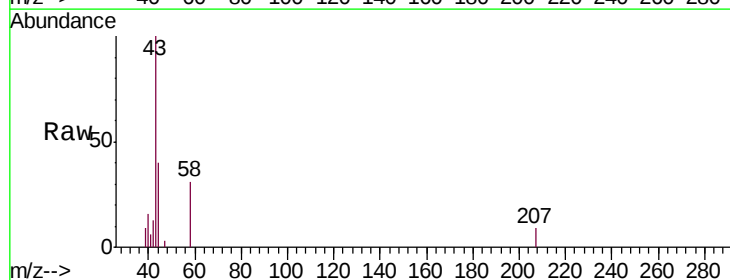
Acq: 27 Jul 2018 09:20

Tgt Ion: 43 Resp: 4246

Ion Ratio Lower Upper

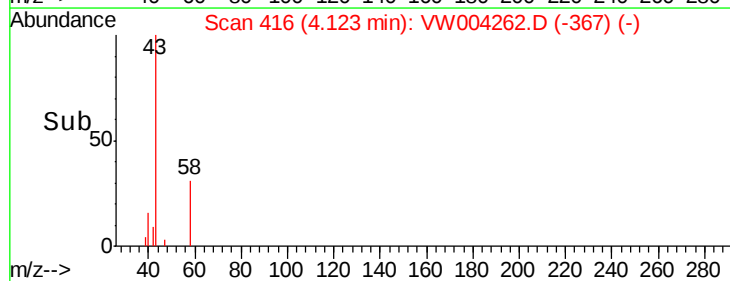
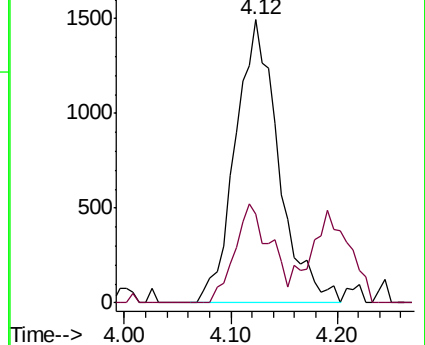
43 100

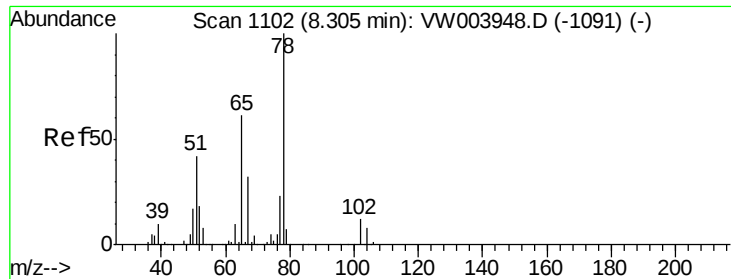
58 31.4 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 117.845 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004262.D

Acq: 27 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

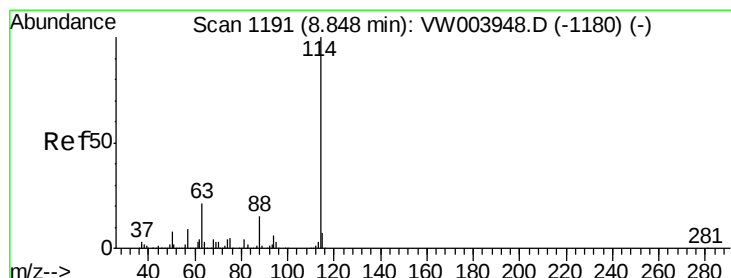
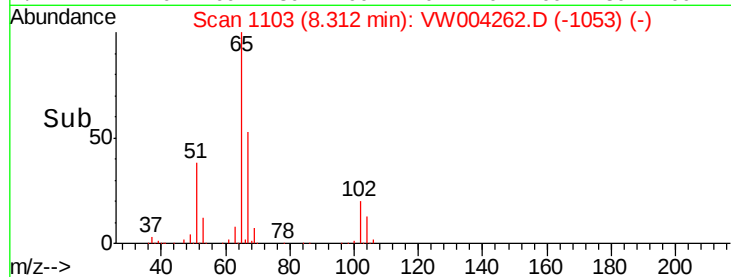
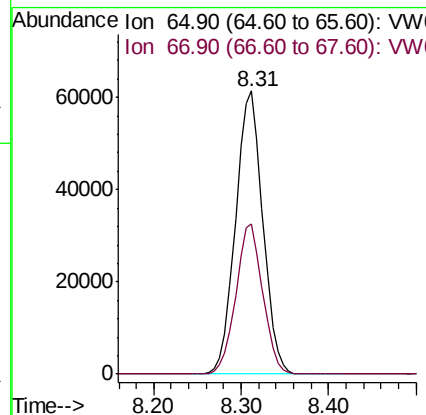
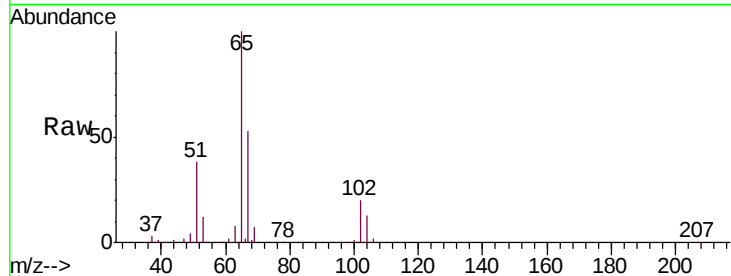
GL-TOPSOIL-07RE

Tot Ion: 65 Resp: 132956

Ion Ratio Lower Upper

65 100

67 52.5 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: VW004262.D

Acq: 27 Jul 2018 09:20

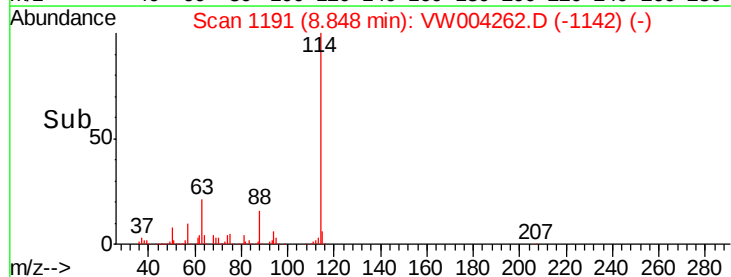
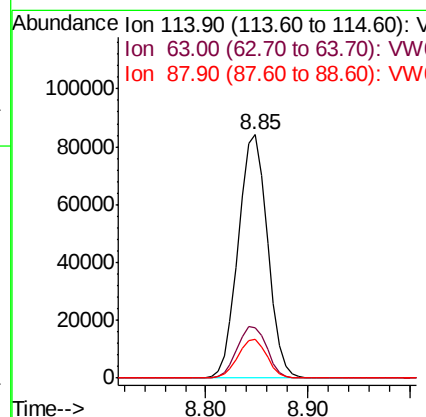
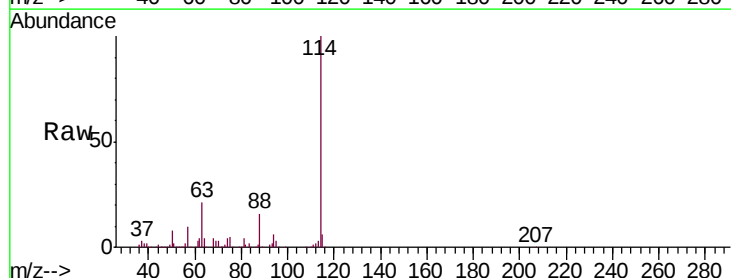
Tgt Ion: 114 Resp: 167395

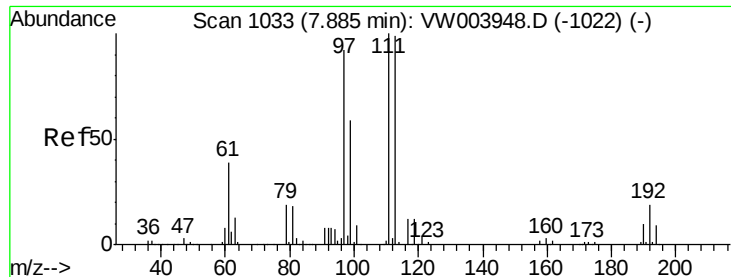
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.1 0.0 30.4

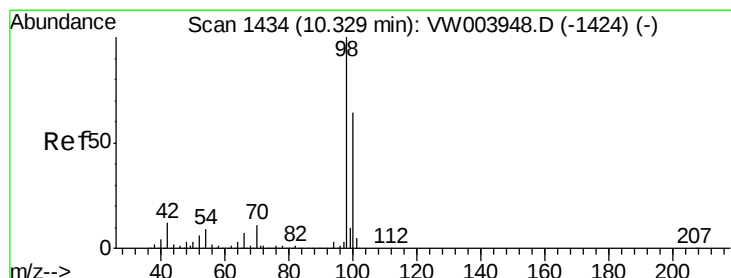
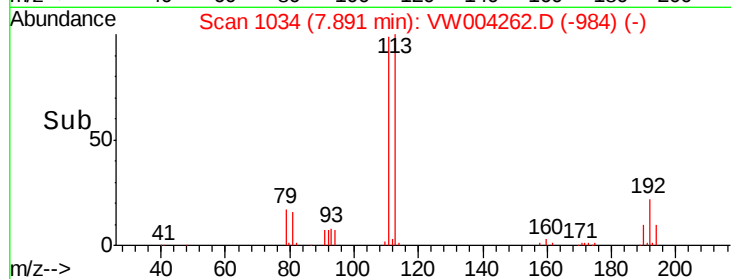
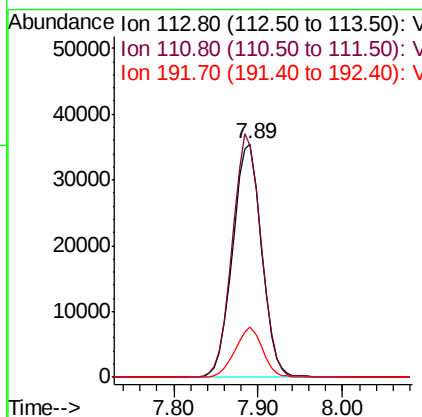
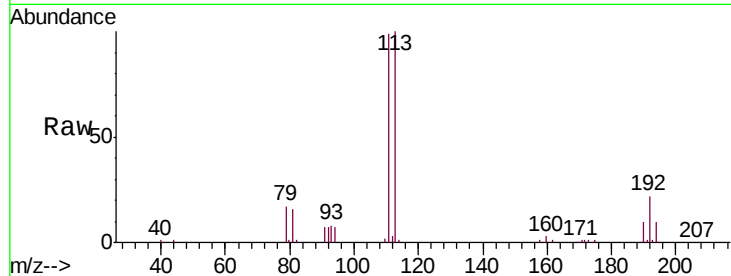




#35
Dibromofluoromethane
Concen: 76.821 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW004262.D
Acq: 27 Jul 2018 09:20

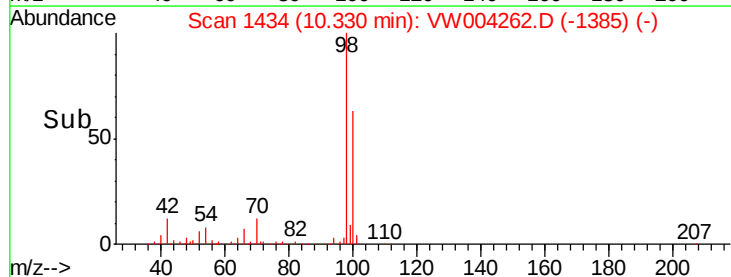
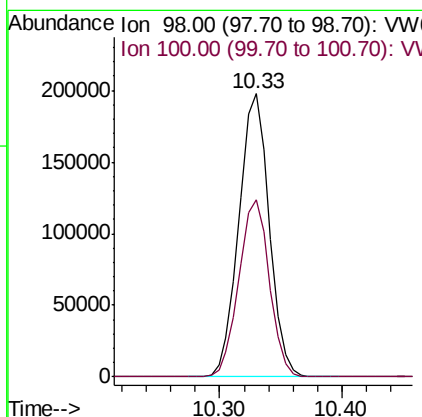
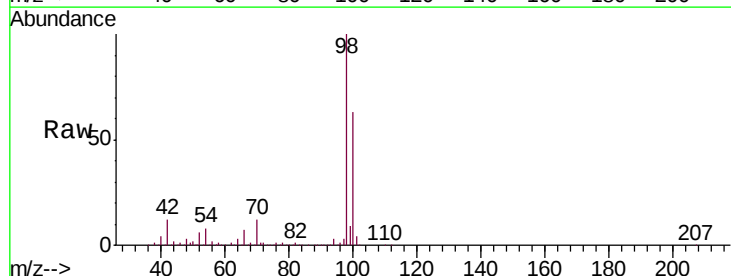
Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-07RE

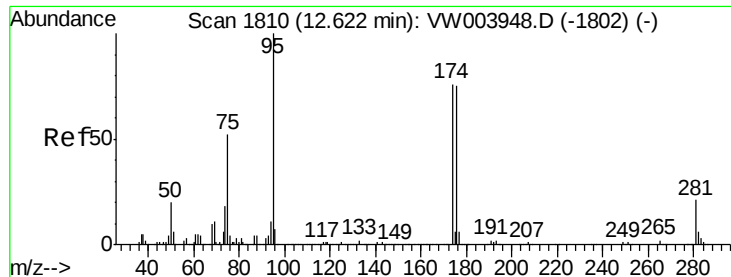
Tot Ion:113 Resp: 82509
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.2 15.8 23.6



#50
Toluene-d8
Concen: 81.603 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004262.D
Acq: 27 Jul 2018 09:20

Tgt Ion: 98 Resp: 340086
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8

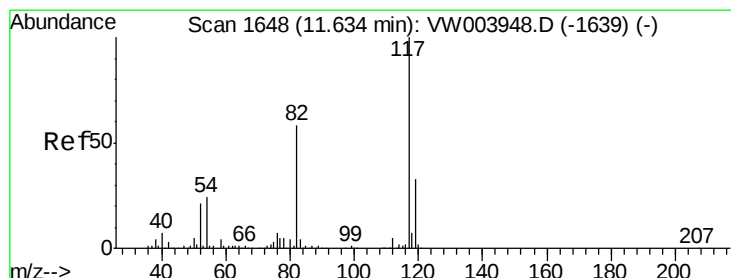
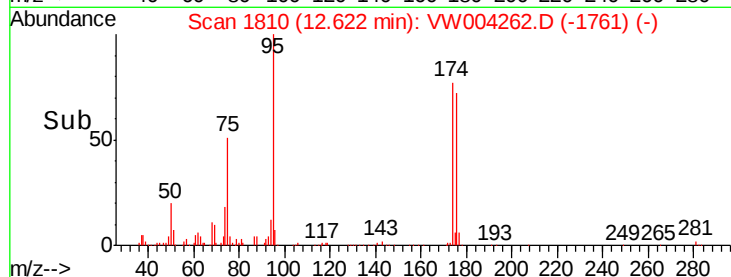
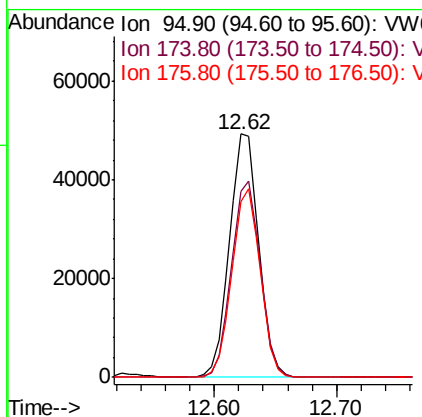
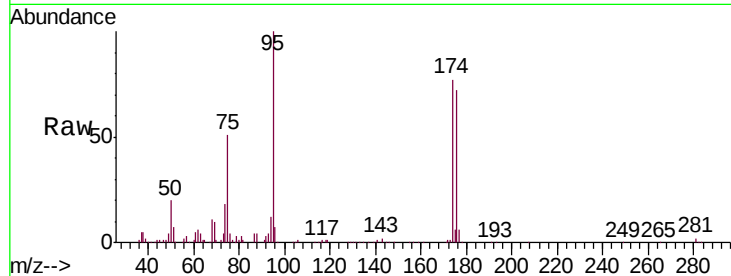




#62
4-Bromofluorobenzene
Concen: 53.964 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004262.D
Acq: 27 Jul 2018 09:20

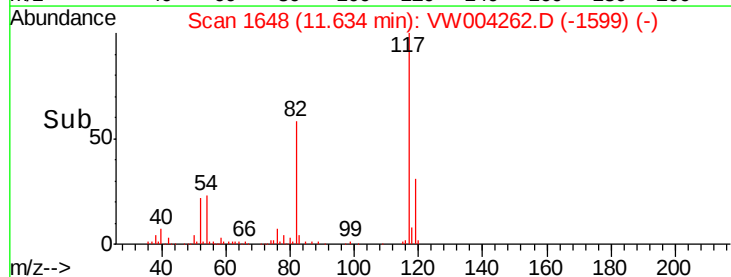
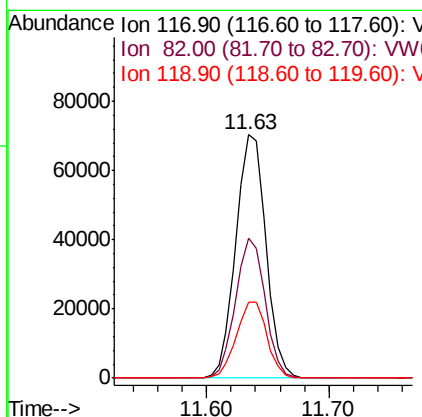
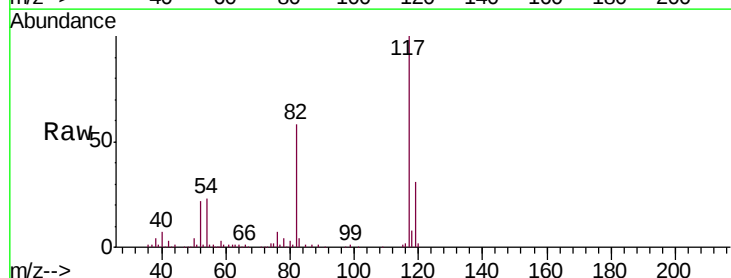
Instrument :
MSVOA_W
ClientSampleId :
GL-TOPSOIL-07RE

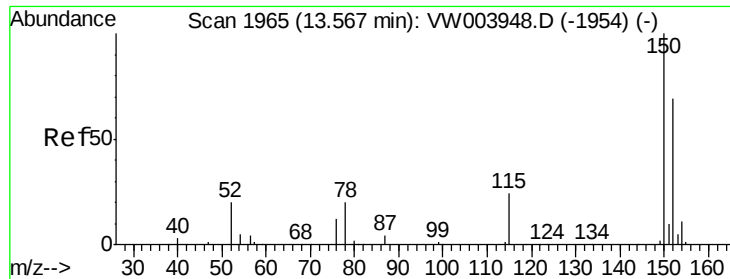
Tot Ion: 95 Resp: 81099
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.2
176 75.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004262.D
Acq: 27 Jul 2018 09:20

Tgt Ion: 117 Resp: 120041
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.0 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: VW004262.D

Acq: 27 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

GL-TOPSOIL-07RE

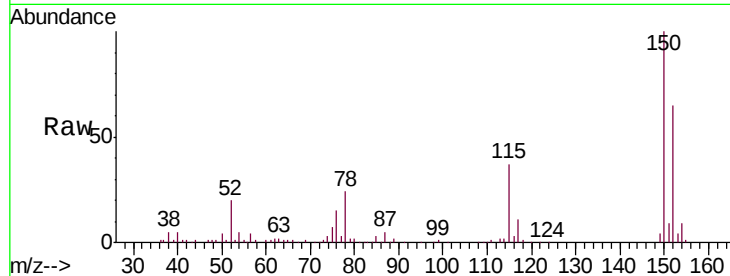
Tot Ion:152 Resp: 31076

Ion Ratio Lower Upper

152 100

115 58.2 29.2 87.6

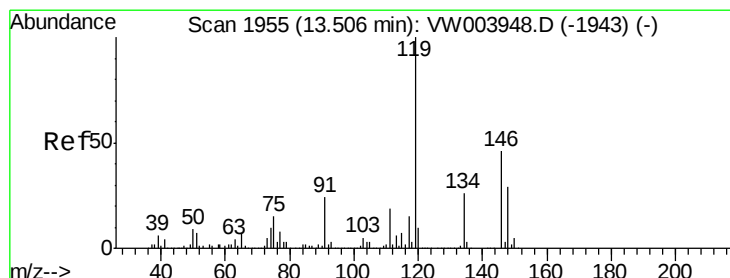
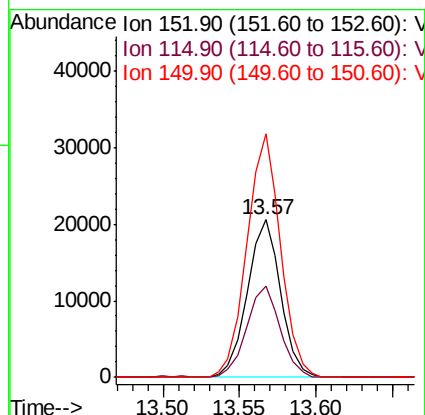
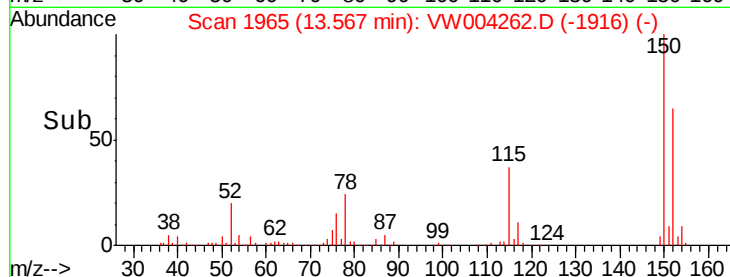
150 155.7 0.0 345.2



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



#86

p-Isopropyltoluene

Concen: 1.199 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004262.D

Acq: 27 Jul 2018 09:20

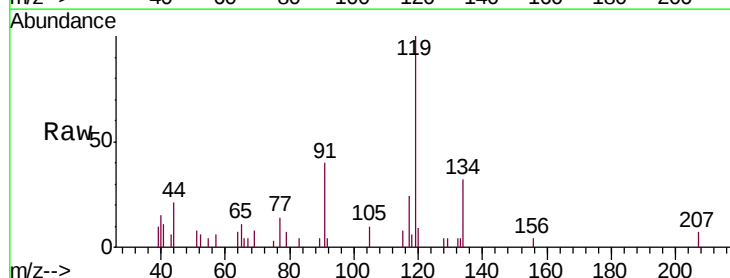
Tgt Ion:119 Resp: 2422

Ion Ratio Lower Upper

119 100

134 27.5 13.0 38.9

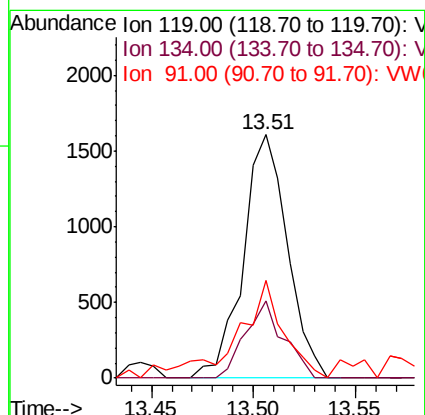
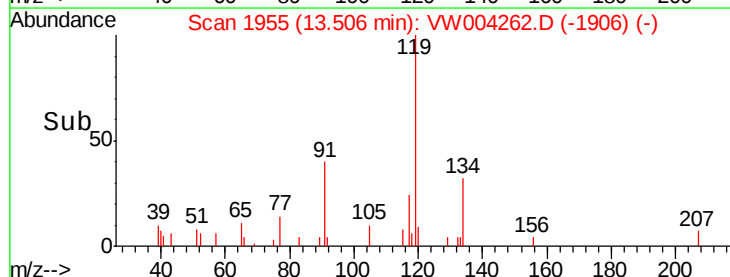
91 43.0 11.8 35.3#

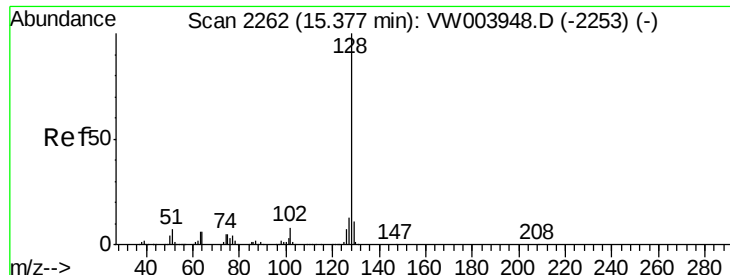


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 6.797 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004262.D

Acq: 27 Jul 2018 09:20

Instrument :

MSVOA_W

ClientSampleId :

GL-TOPSOIL-07RE

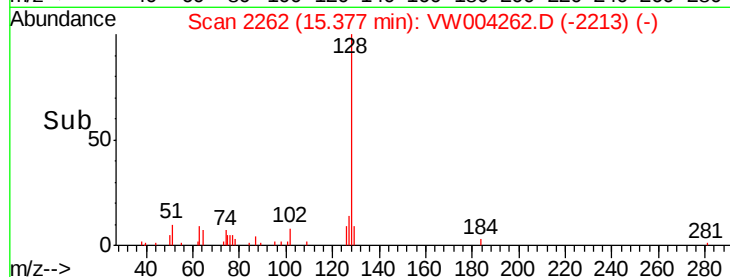
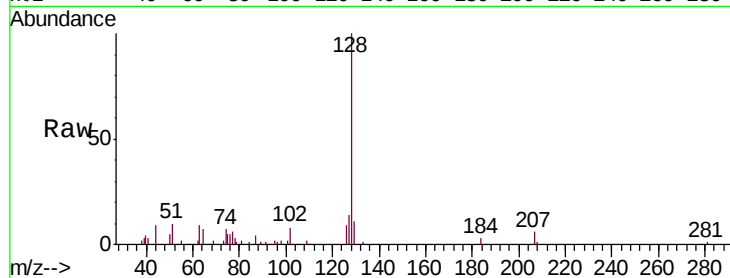
Tot Ion:128 Resp: 8239

Ion Ratio Lower Upper

128 100

127 15.0 10.7 16.1

129 12.6 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

