

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003931.D
 Acq On : 13 Jul 2018 22:21
 Operator : VA/AP
 Sample : J3542-05
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LL-SOIL-2

Quant Time: Jul 14 00:56:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

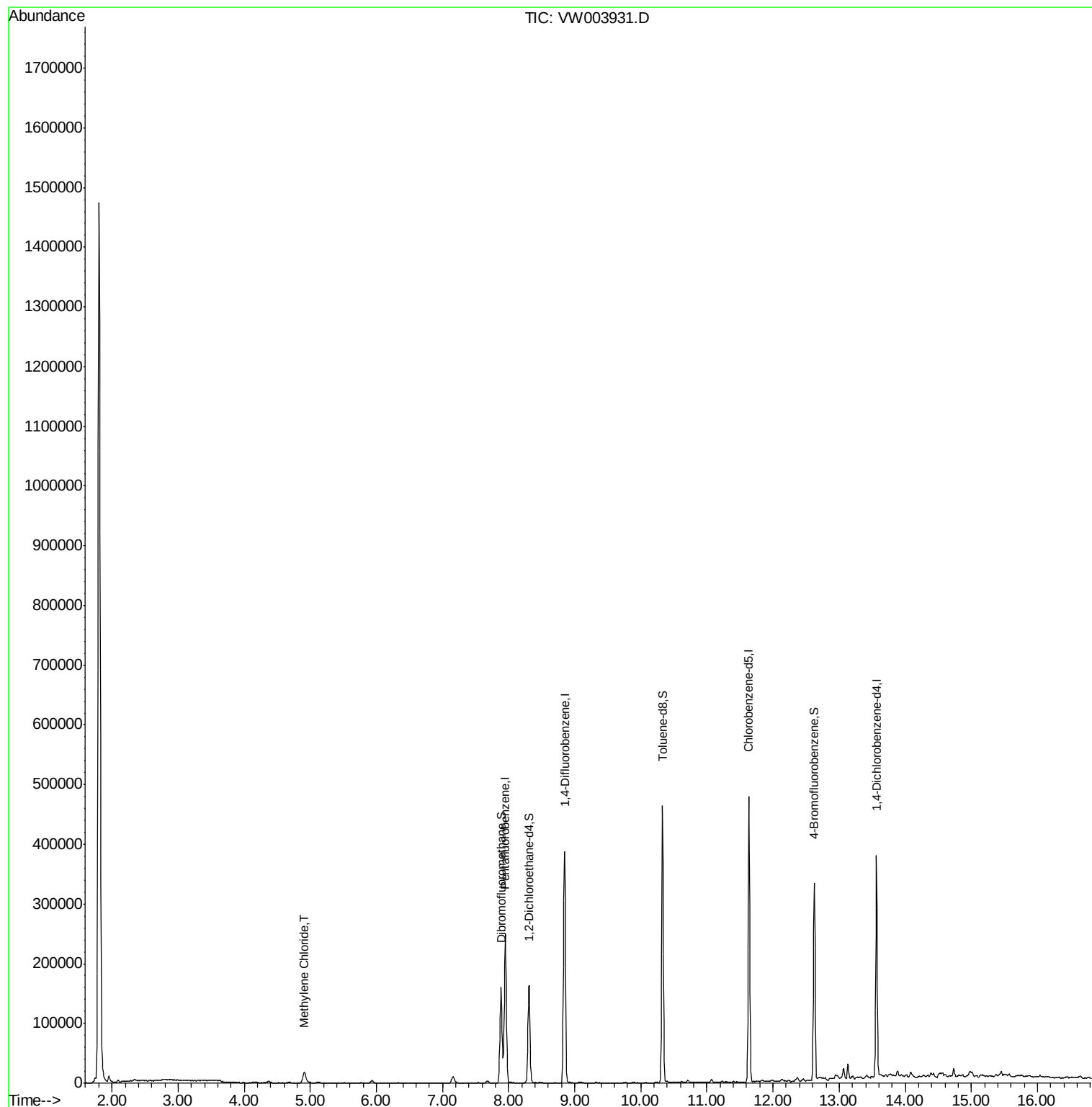
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131989	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
35) Dibromofluoromethane	7.88	113	109688	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.33	98	299113	35.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.34%	
62) 4-Bromofluorobenzene	12.62	95	101844	33.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.14%	
Target Compounds						
20) Methylene Chloride	4.92	84	13608	2.66	ug/l	Qvalue 96

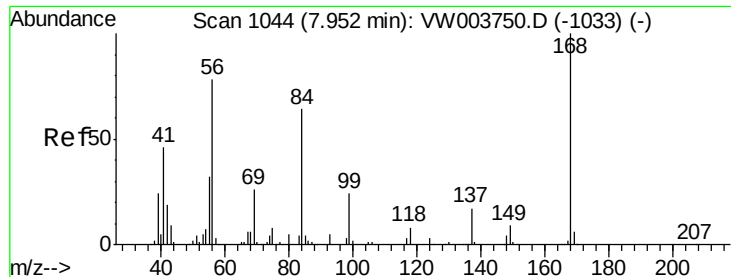
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003931.D

Acq: 13 Jul 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

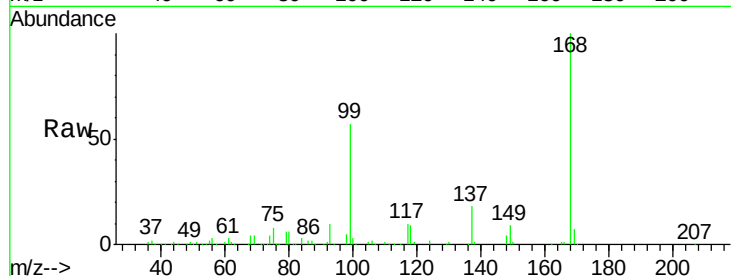
LL-SOIL-2

Tot Ion:168 Resp: 180655

Ion Ratio Lower Upper

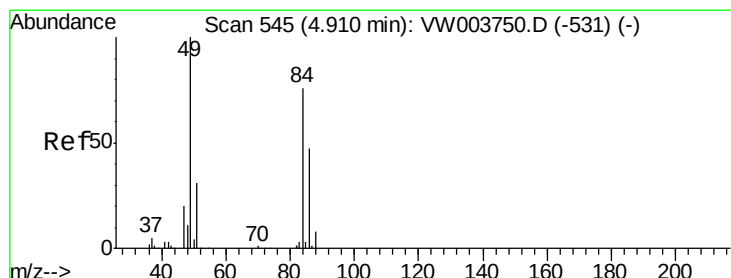
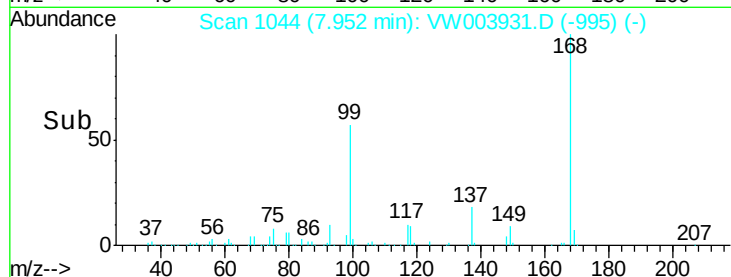
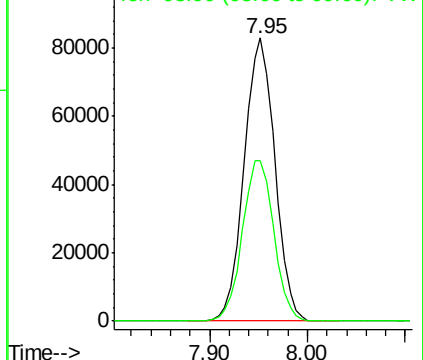
168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 2.66 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003931.D

Acq: 13 Jul 2018 22:21

Tgt Ion: 84 Resp: 13608

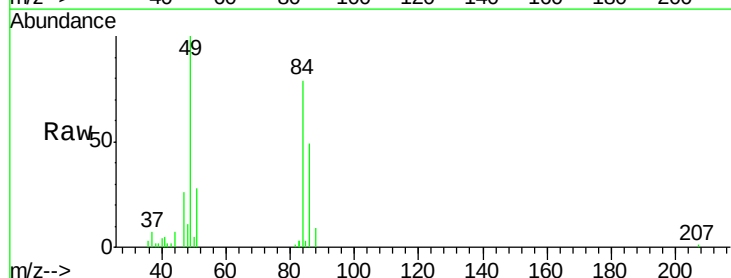
Ion Ratio Lower Upper

84 100

49 127.0 105.1 157.7

51 36.1 32.5 48.7

86 62.6 49.8 74.6

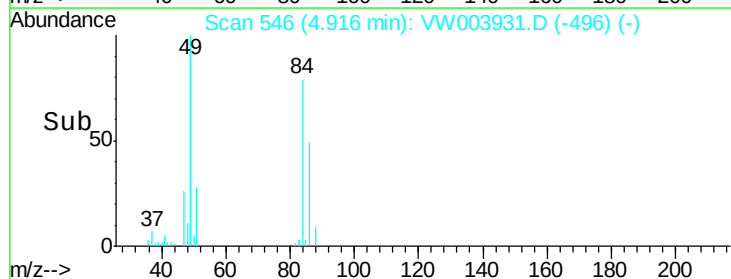
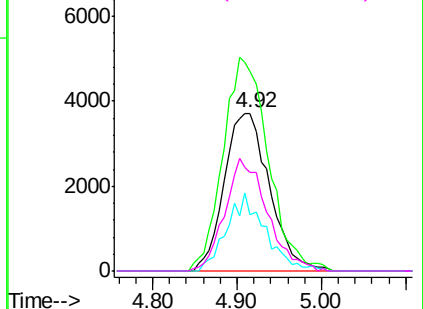


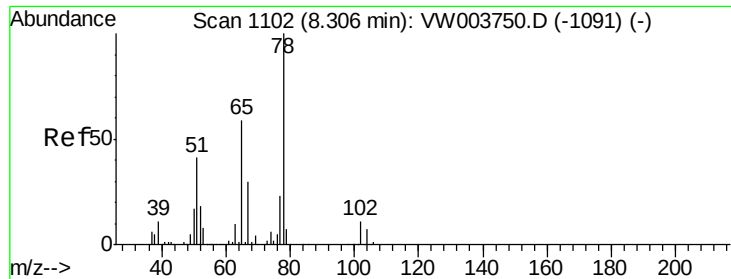
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

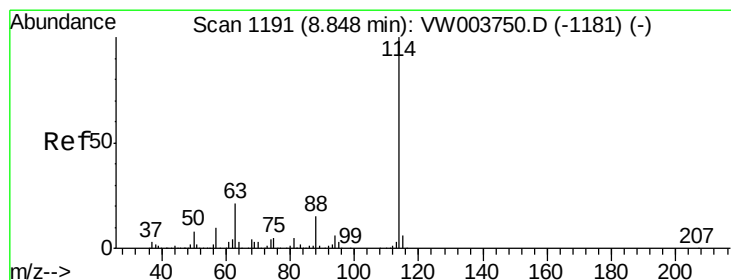
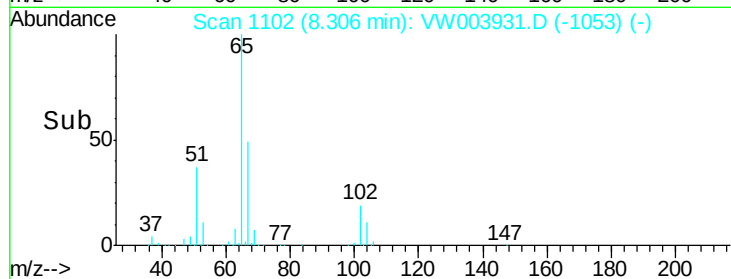
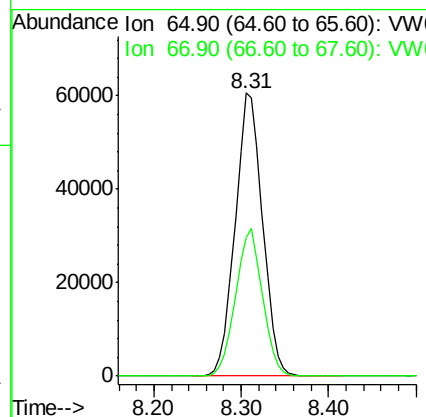
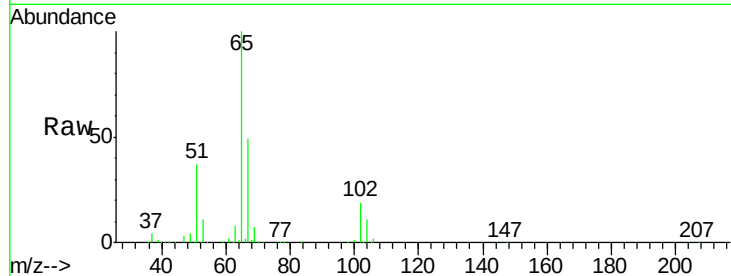




#33
 1,2-Dichloroethane-d4
 Concen: 55.87 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003931.D
 Acq: 13 Jul 2018 22:21

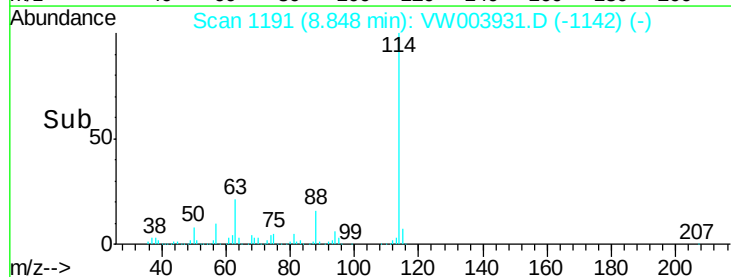
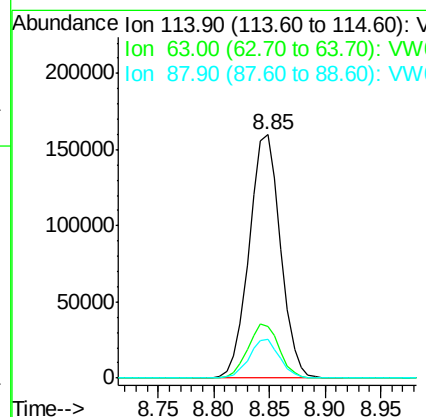
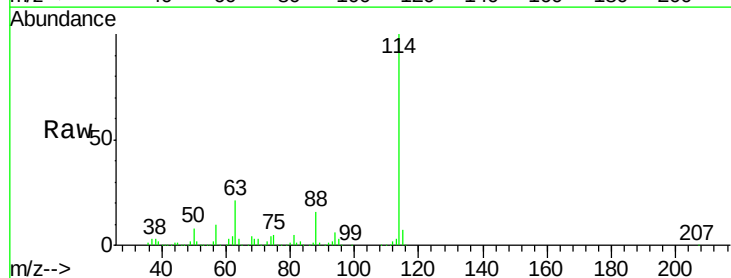
Instrument :
 MSVOA_W
 ClientSampleId :
 LL-SOIL-2

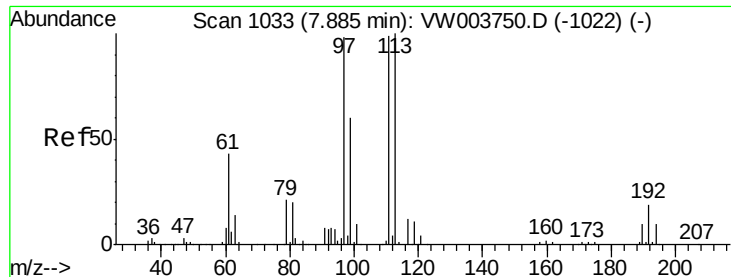
Tot Ion: 65 Resp: 131989
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003931.D
 Acq: 13 Jul 2018 22:21

Tgt Ion: 114 Resp: 313220
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.8
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.04 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003931.D

Acq: 13 Jul 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

LL-SOIL-2

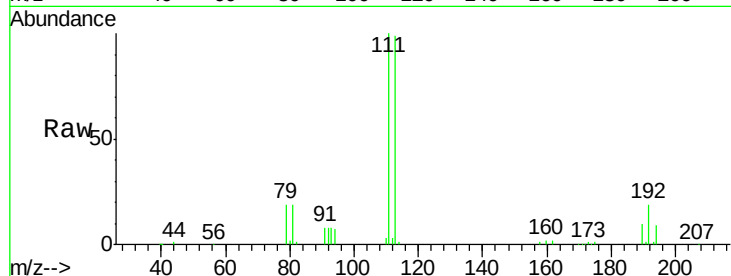
Tot Ion:113 Resp: 109688

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

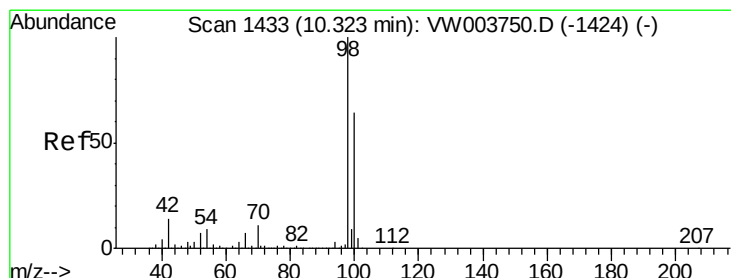
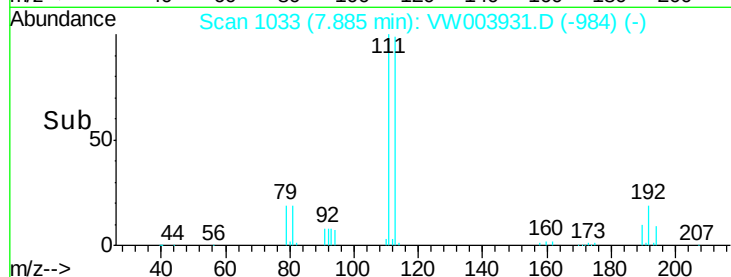
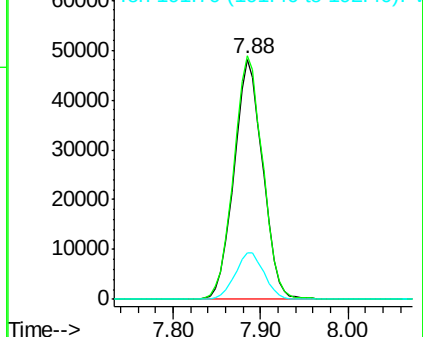
192 19.6 15.8 23.8



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: 35.67 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003931.D

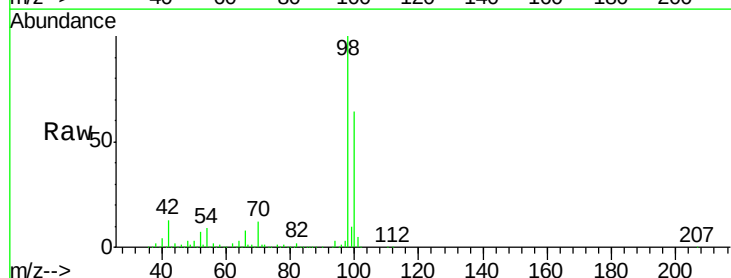
Acq: 13 Jul 2018 22:21

Tgt Ion: 98 Resp: 299113

Ion Ratio Lower Upper

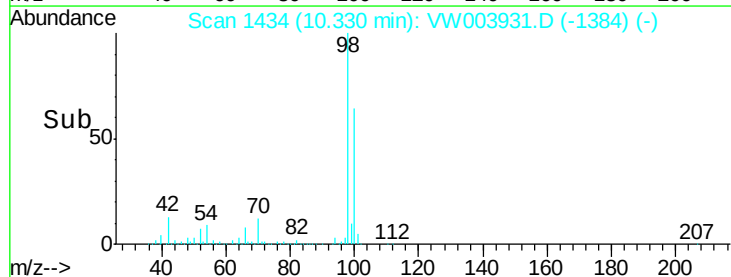
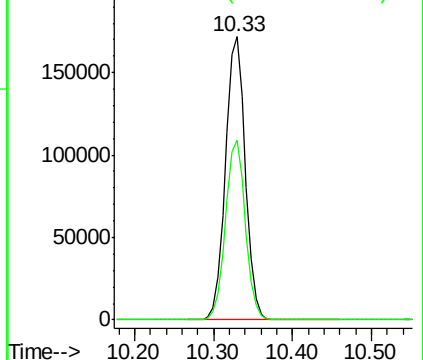
98 100

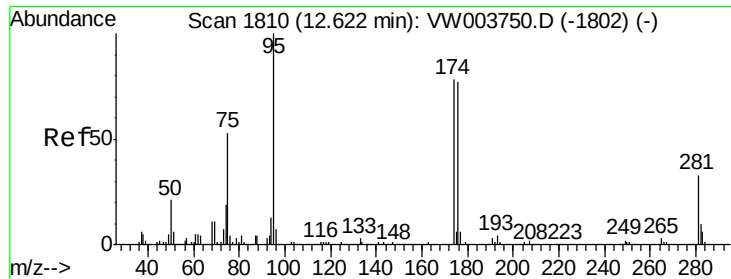
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

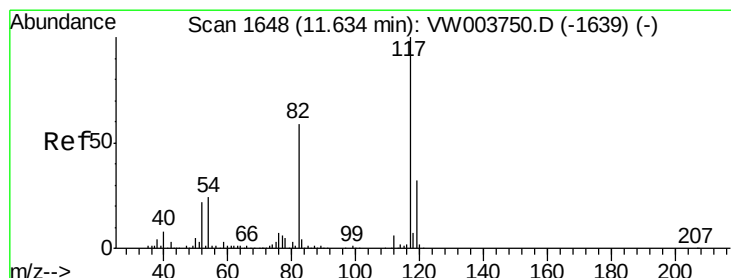
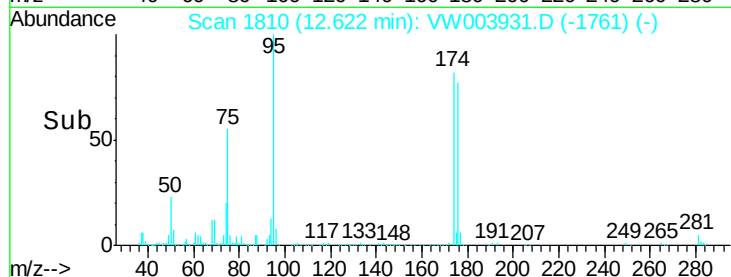
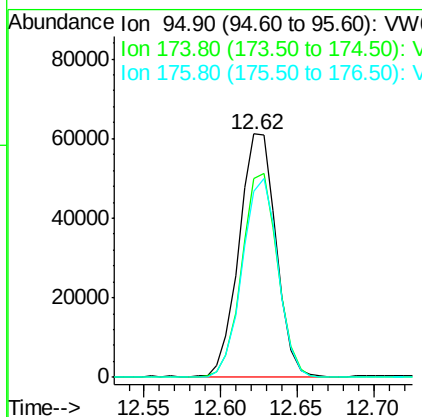
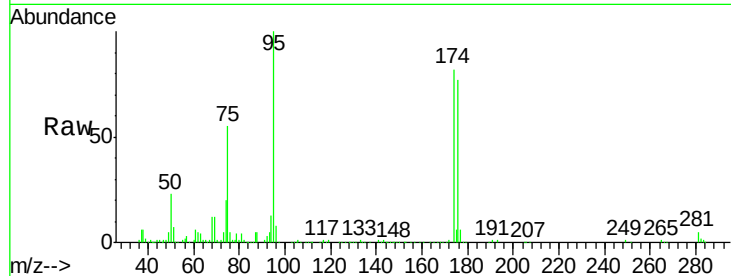




#62
4-Bromofluorobenzene
Concen: 33.57 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003931.D
Acq: 13 Jul 2018 22:21

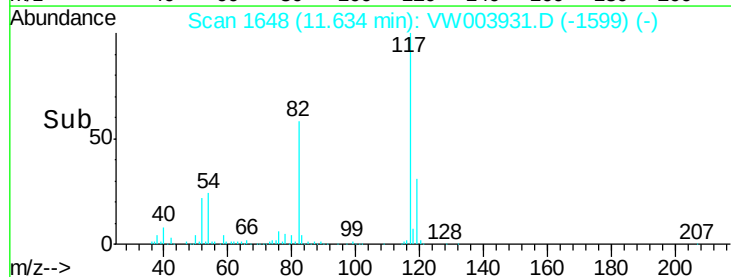
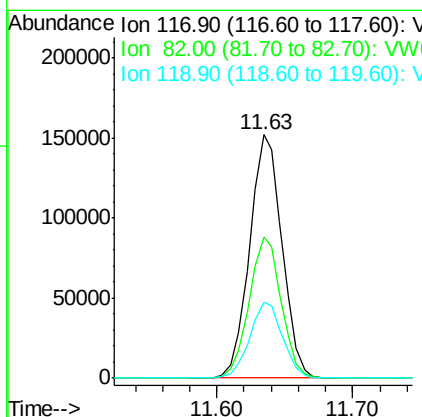
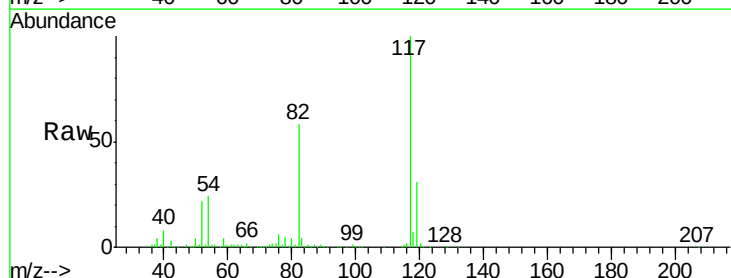
Instrument :
MSVOA_W
ClientSampleId :
LL-SOIL-2

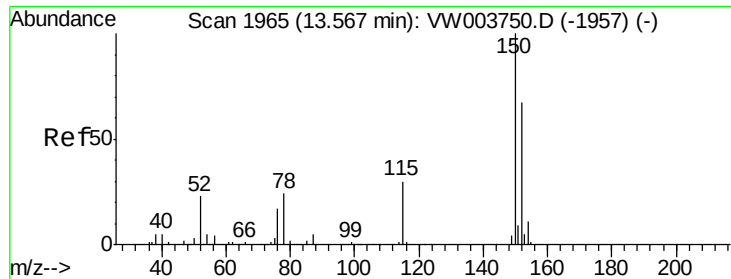
Tot Ion: 95 Resp: 101844
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.4
176 79.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003931.D
Acq: 13 Jul 2018 22:21

Tgt Ion: 117 Resp: 253791
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 30.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003931.D

Acq: 13 Jul 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

LL-SOIL-2

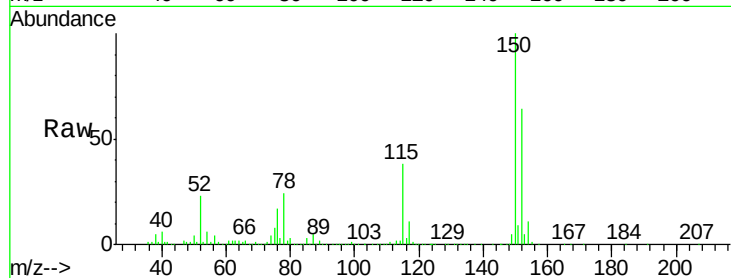
Tot Ion:152 Resp: 95607

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.8

150 154.4 0.0 342.4



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

