

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003827.D
 Acq On : 10 Jul 2018 16:06
 Operator : SY/AP
 Sample : J3893-01
 Misc : 6.14G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-S-7-SOIL

Quant Time: Jul 10 17:07:11 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

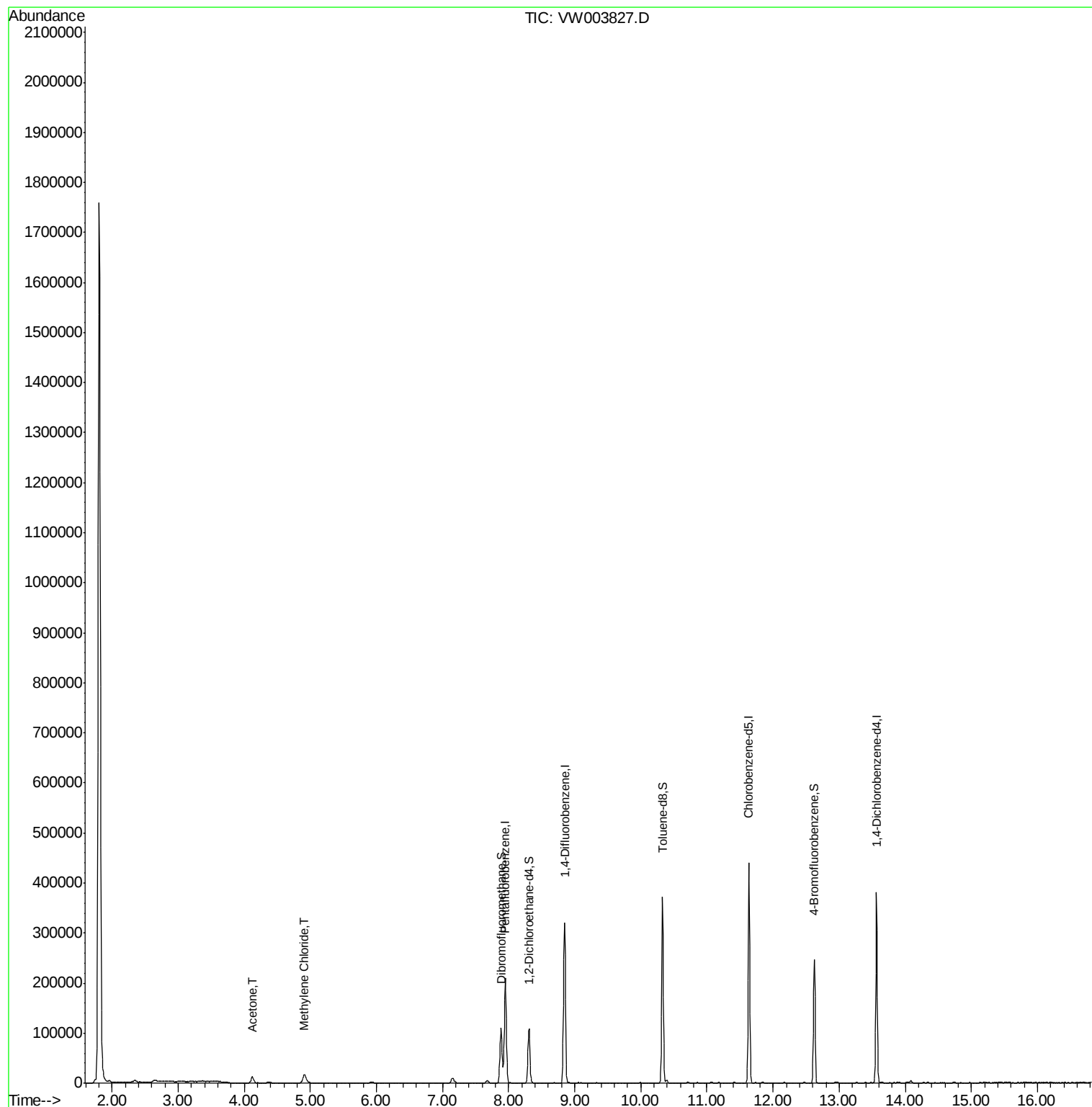
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	252614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85212	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
35) Dibromofluoromethane	7.88	113	76561	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
50) Toluene-d8	10.33	98	236600	34.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.96%	
62) 4-Bromofluorobenzene	12.62	95	76341	31.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.40%	
Target Compounds						
16) Acetone	4.12	43	20771	61.92	ug/l	94
20) Methylene Chloride	4.90	84	13959	4.55	ug/l	96

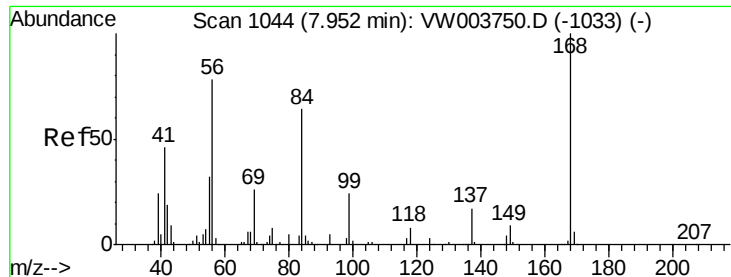
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003827.D

Acq: 10 Jul 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

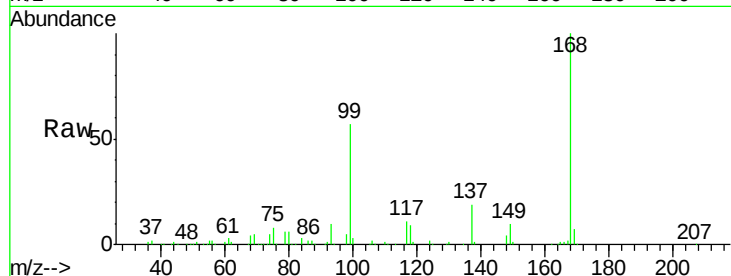
BS-S-7-SOIL

Tot Ion:168 Resp: 147840

Ion Ratio Lower Upper

168 100

99 57.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

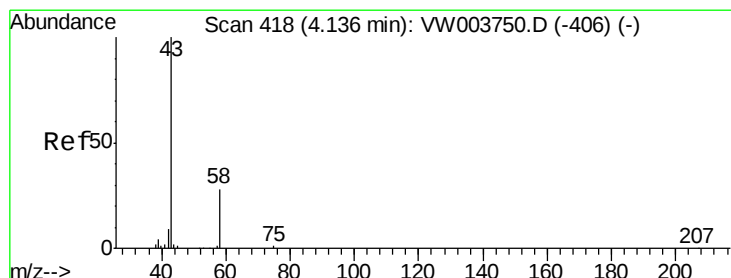
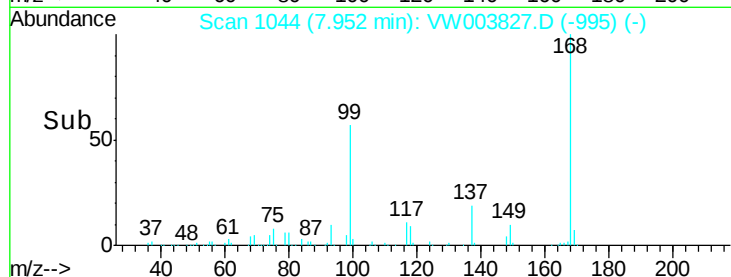
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 61.92 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003827.D

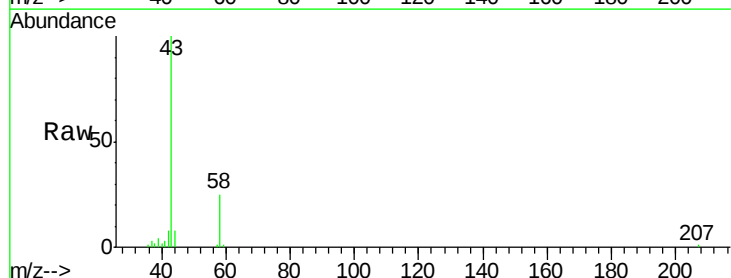
Acq: 10 Jul 2018 16:06

Tgt Ion: 43 Resp: 20771

Ion Ratio Lower Upper

43 100

58 25.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

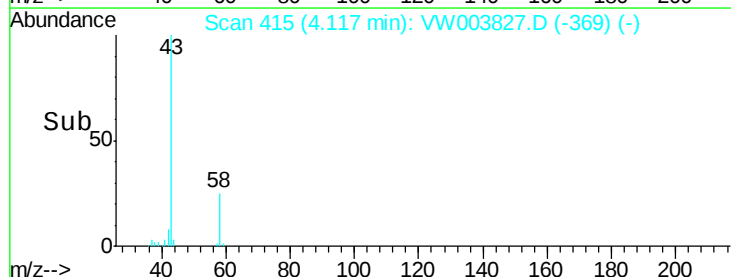
4000

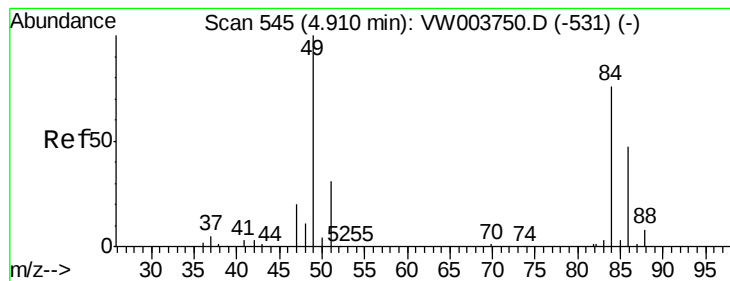
2000

0

4.00 4.10 4.20

Time-->





#20

Methvlene Chloride

Concen: 4.55 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003827.D

Acq: 10 Jul 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

BS-S-7-SOIL

Tot Ion: 84 Resp: 13959

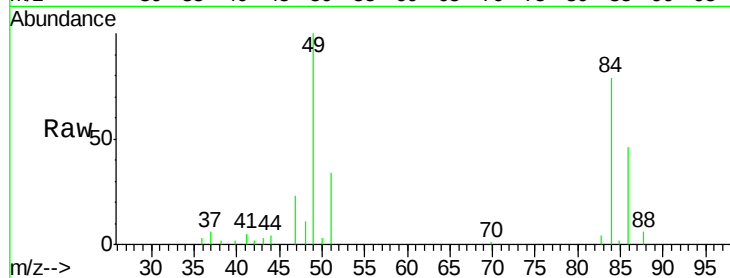
Ion Ratio Lower Upper

84 100

49 126.5 105.1 157.7

51 43.4 32.5 48.7

86 58.5 49.8 74.6

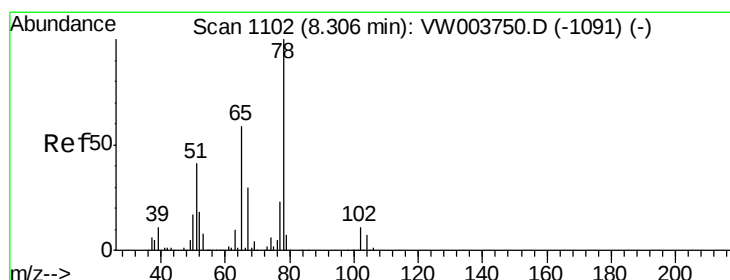
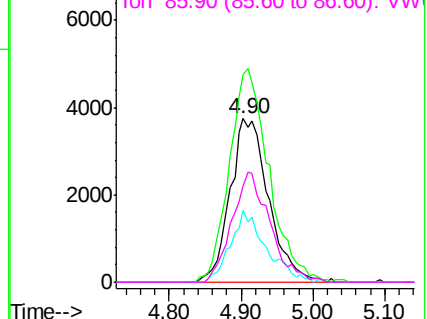
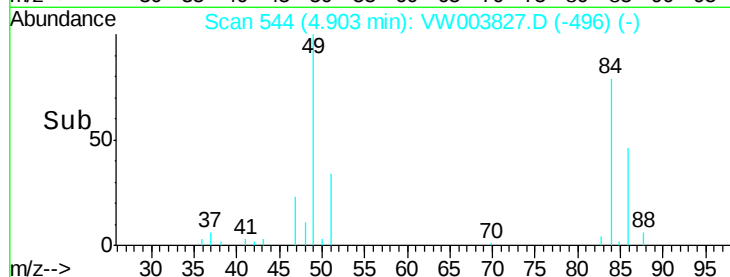


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 44.08 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003827.D

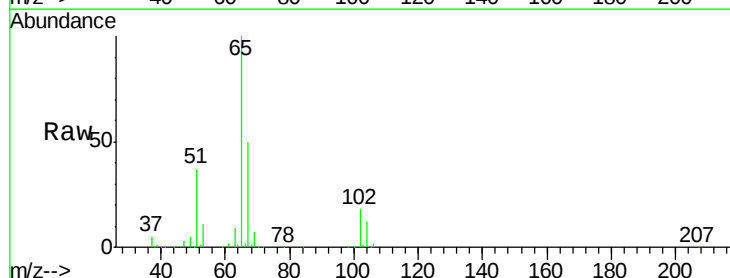
Acq: 10 Jul 2018 16:06

Tgt Ion: 65 Resp: 85212

Ion Ratio Lower Upper

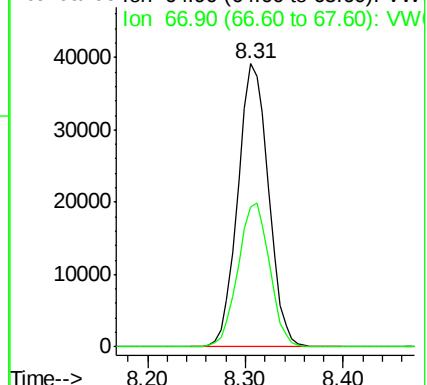
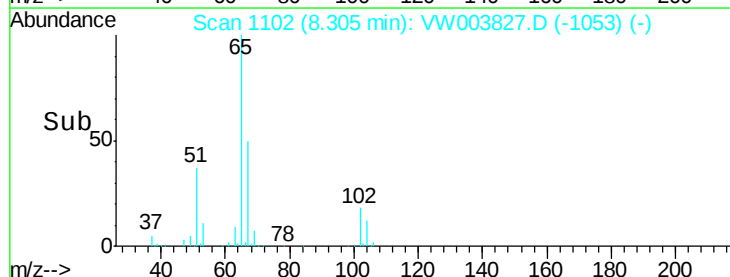
65 100

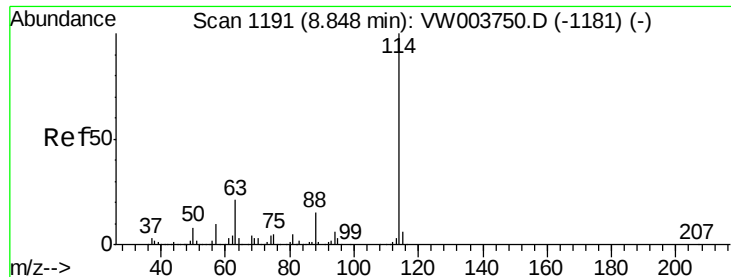
67 52.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

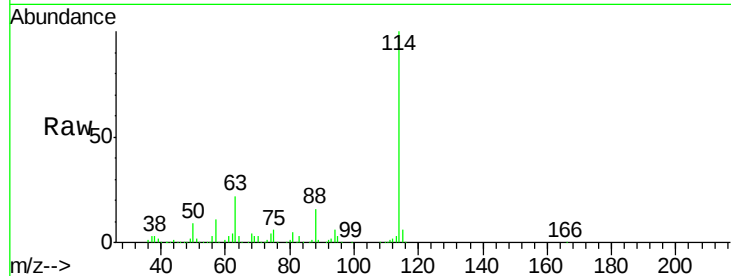




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003827.D
 Acq: 10 Jul 2018 16:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BS-S-7-SOIL

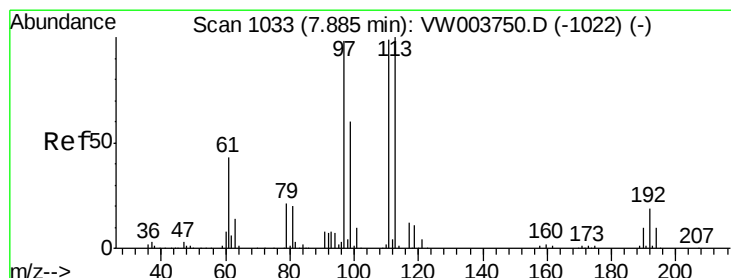
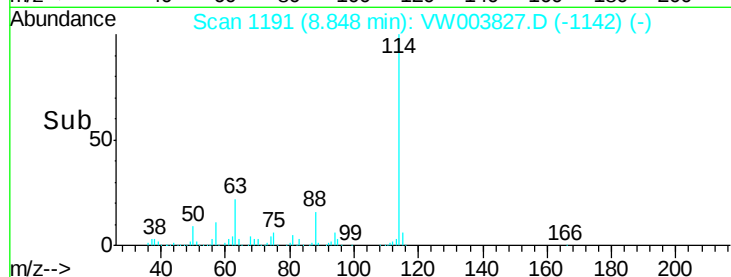
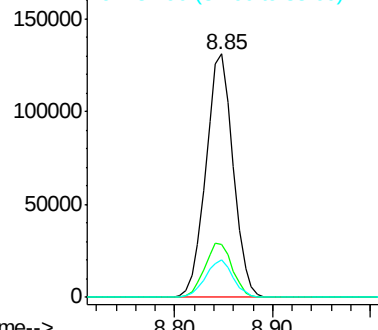
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	15.5	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

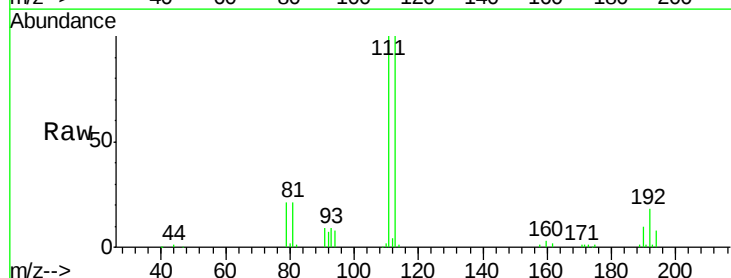
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 43.30 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003827.D
 Acq: 10 Jul 2018 16:06

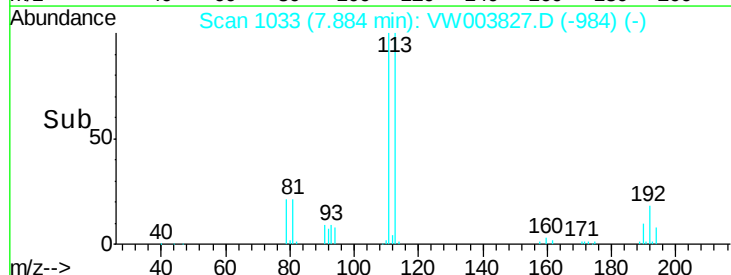
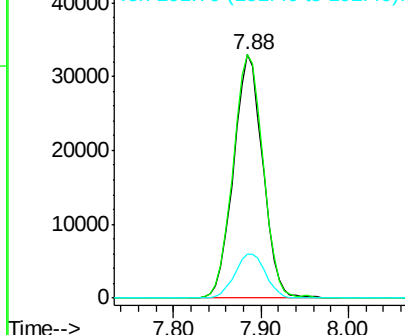
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	19.1	15.8	23.8

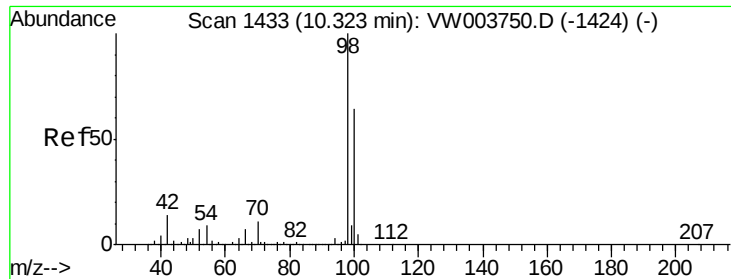


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.98 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003827.D

Acq: 10 Jul 2018 16:06

Instrument :

MSVOA_W

ClientSampleId :

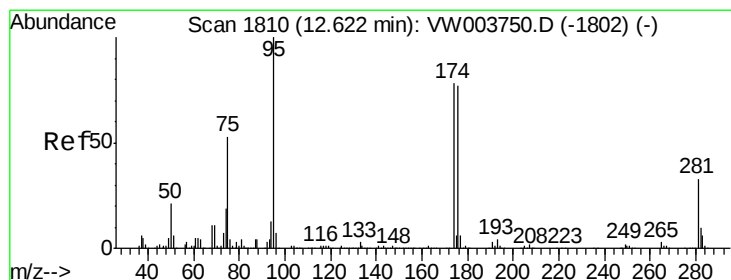
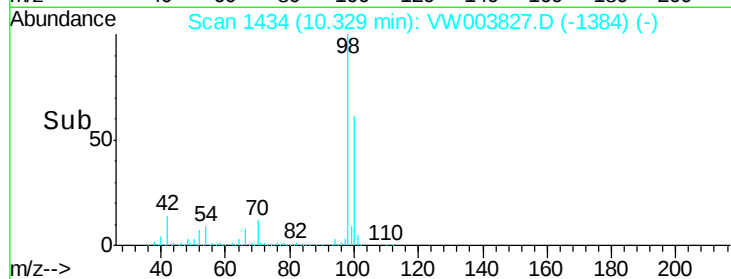
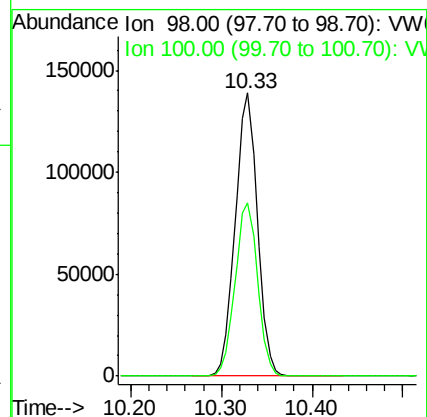
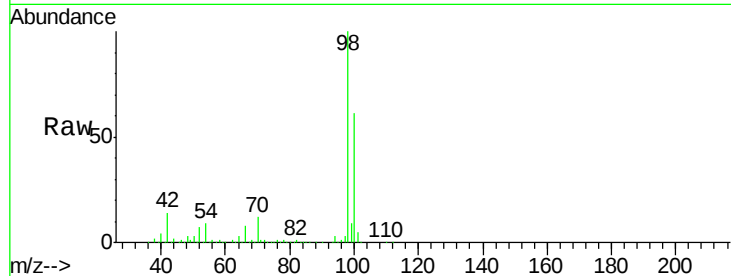
BS-S-7-SOIL

Tot Ion: 98 Resp: 236600

Ion Ratio Lower Upper

98 100

100 61.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 31.20 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003827.D

Acq: 10 Jul 2018 16:06

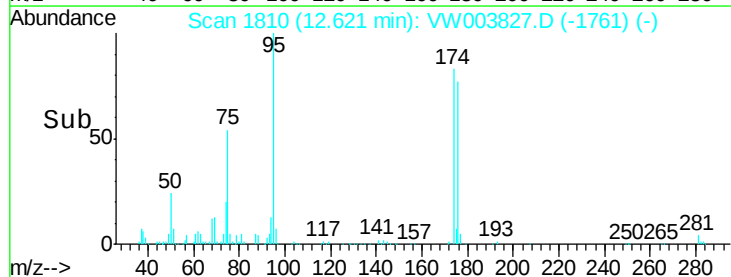
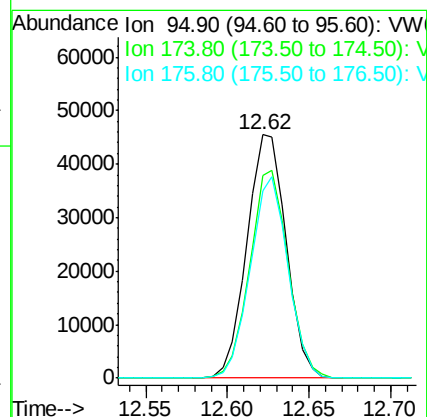
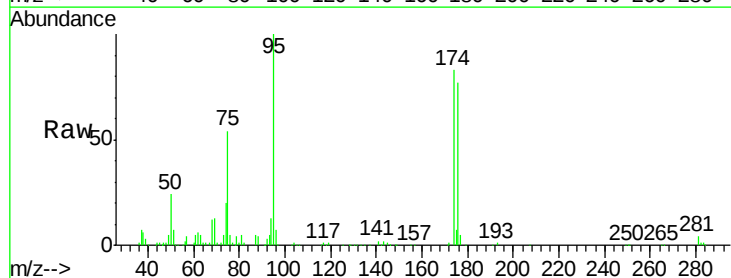
Tgt Ion: 95 Resp: 76341

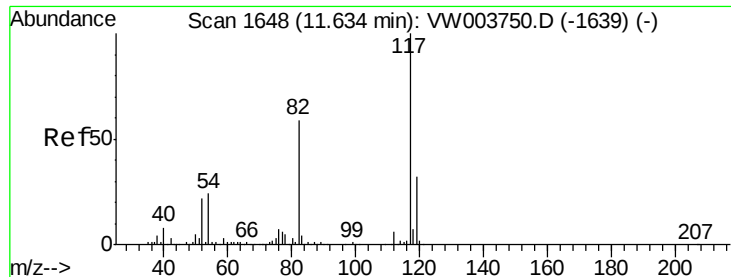
Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.4

176 79.4 0.0 156.8

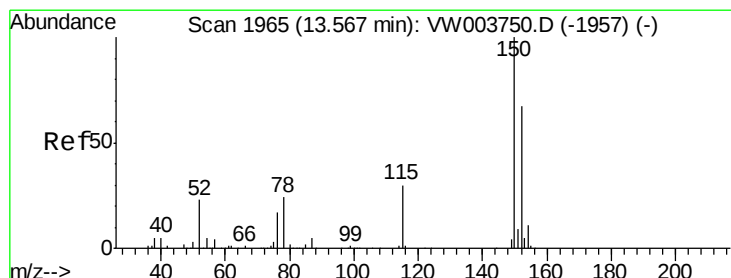
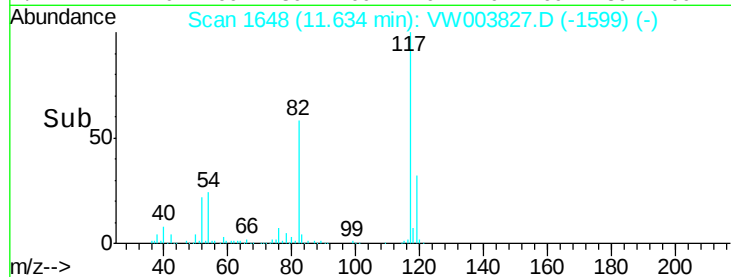
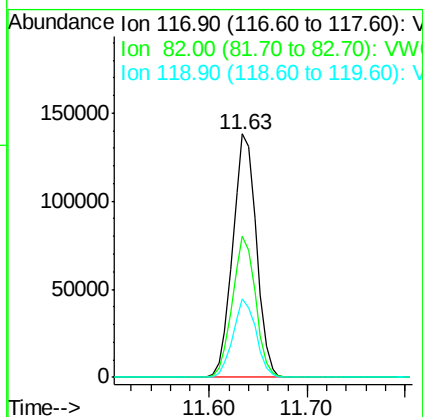
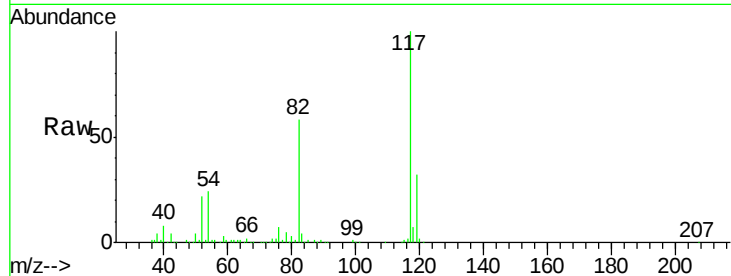




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003827.D
Acq: 10 Jul 2018 16:06

Instrument :
MSVOA_W
ClientSampleId :
BS-S-7-SOIL

Tot Ion:117 Resp: 231552
Ion Ratio Lower Upper
117 100
82 58.0 46.9 70.3
119 32.4 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: VW003827.D
Acq: 10 Jul 2018 16:06

Tgt Ion:152 Resp: 95606
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 154.3 0.0 342.4

