

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003932.D
 Acq On : 13 Jul 2018 22:47
 Operator : VA/AP
 Sample : J3542-09
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LL-SOIL-3

Quant Time: Jul 14 00:59:04 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

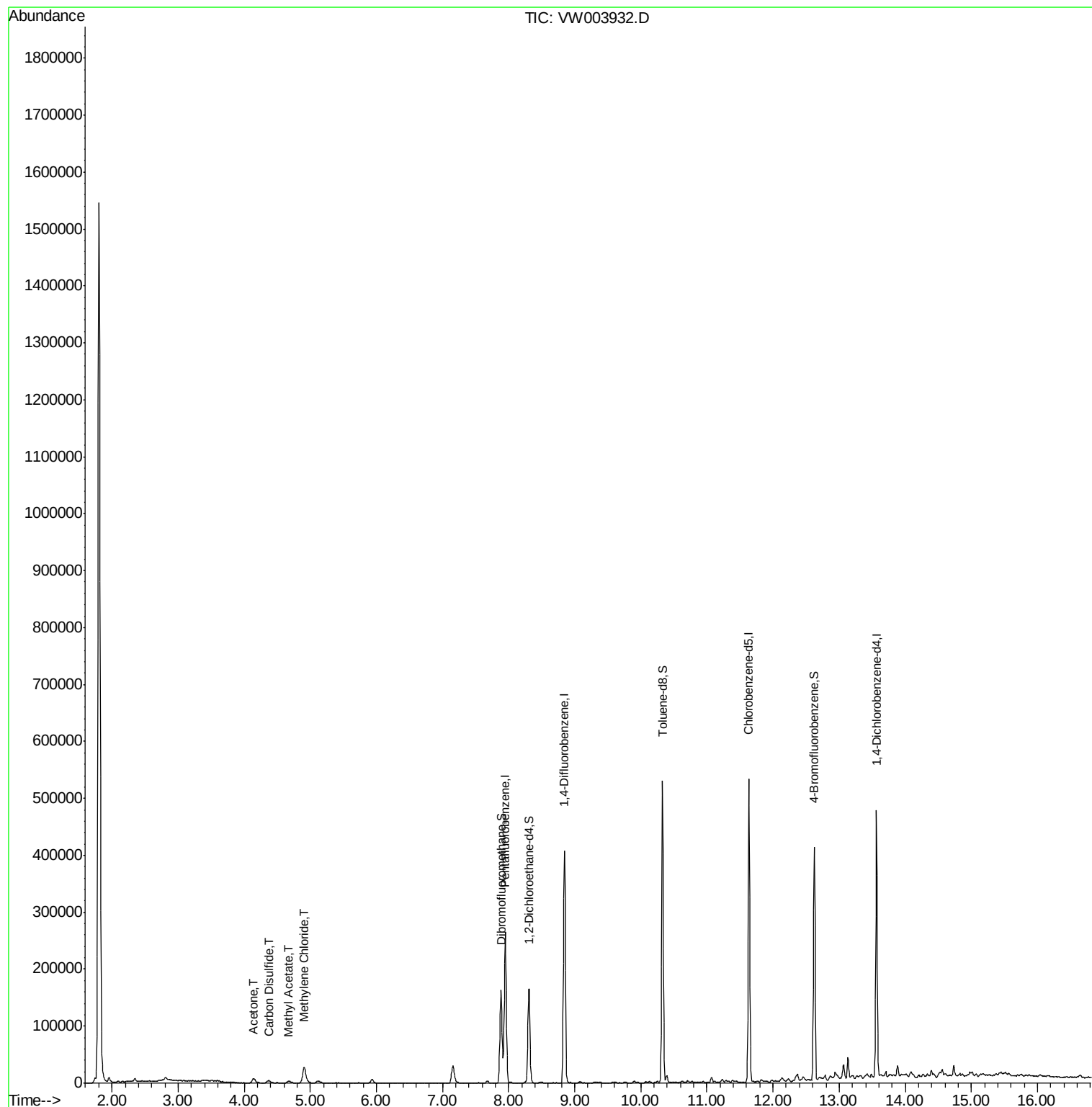
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135123	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	116103	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.33	98	339576	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	12.62	95	125376	39.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.14%	
Target Compounds						
16) Acetone	4.14	43	14494	33.19	ug/l	97
17) Carbon Disulfide	4.37	76	8776	1.48	ug/l	97
18) Methyl Acetate	4.67	43	6423	5.22	ug/l #	77
20) Methylene Chloride	4.90	84	22514	6.79	ug/l	97

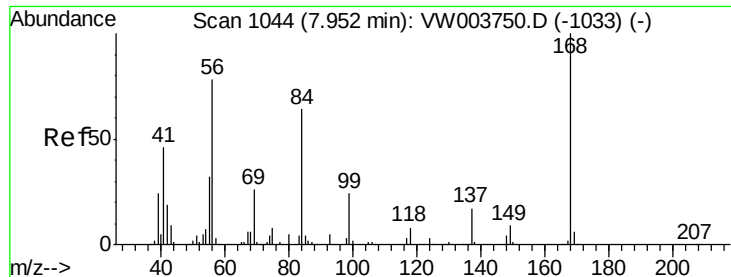
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071318\
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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: VW003932.D

Acq: 13 Jul 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

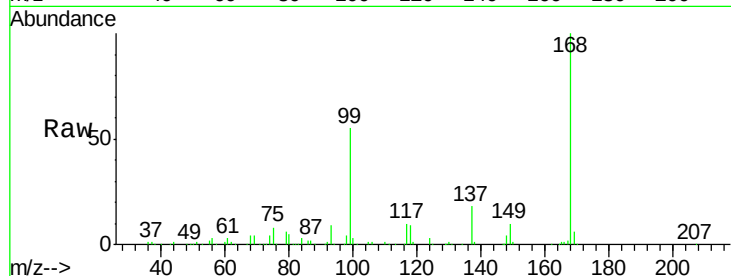
LL-SOIL-3

Tot Ion:168 Resp: 192454

Ion Ratio Lower Upper

168 100

99 55.4 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

80000

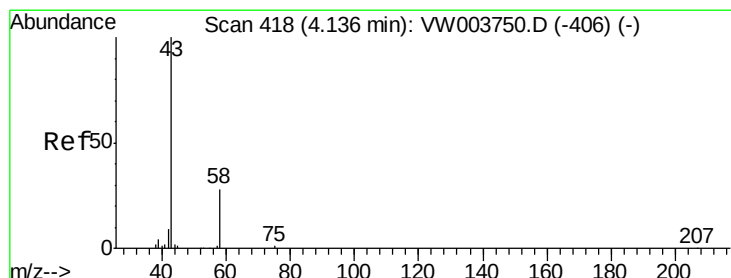
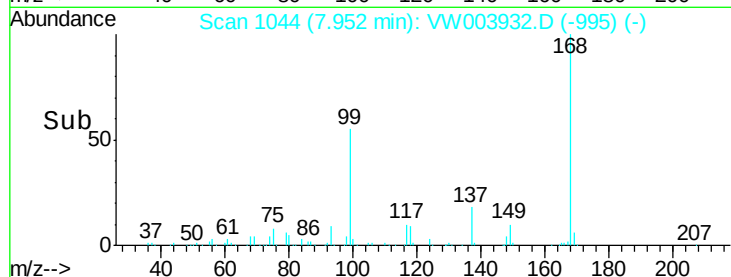
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.19 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003932.D

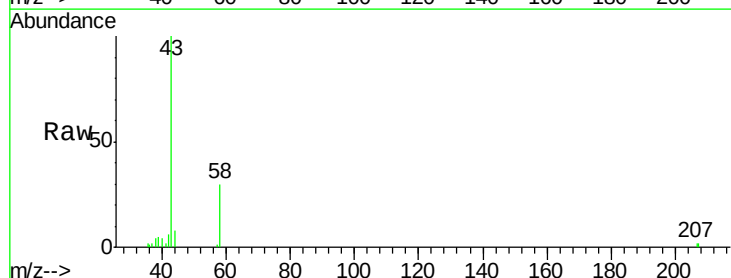
Acq: 13 Jul 2018 22:47

Tgt Ion: 43 Resp: 14494

Ion Ratio Lower Upper

43 100

58 29.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

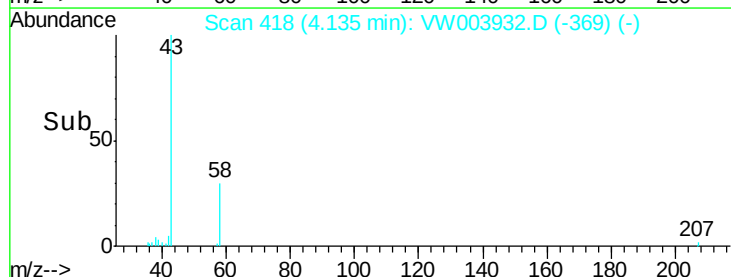
3000

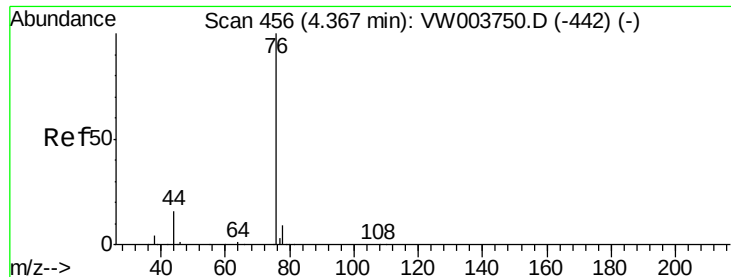
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.48 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003932.D

Acq: 13 Jul 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

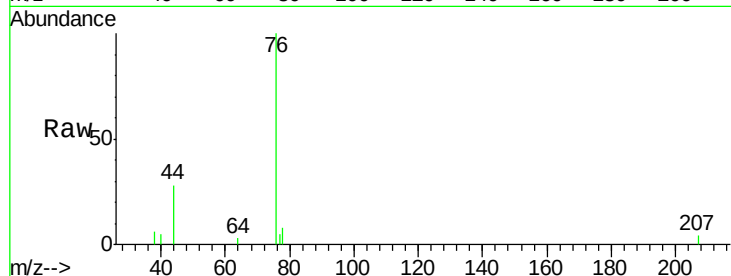
LL-SOIL-3

Tot Ion: 76 Resp: 8776

Ion Ratio Lower Upper

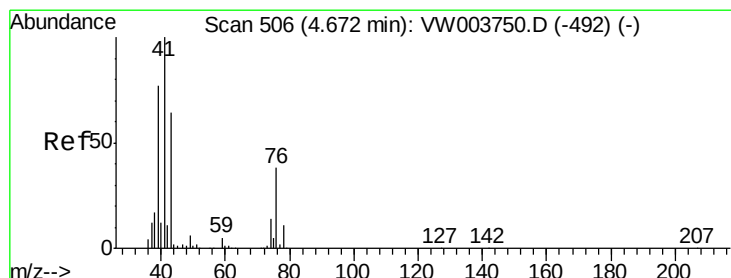
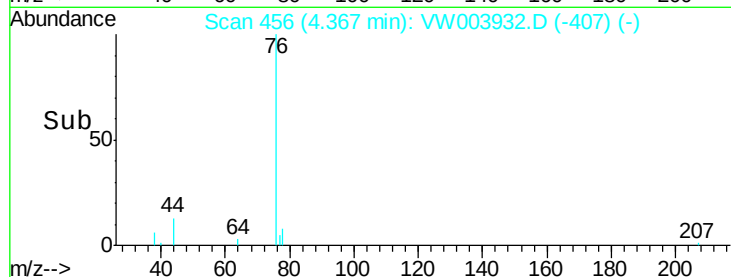
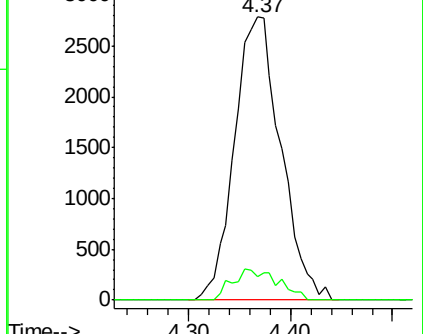
76 100

78 8.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 5.22 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003932.D

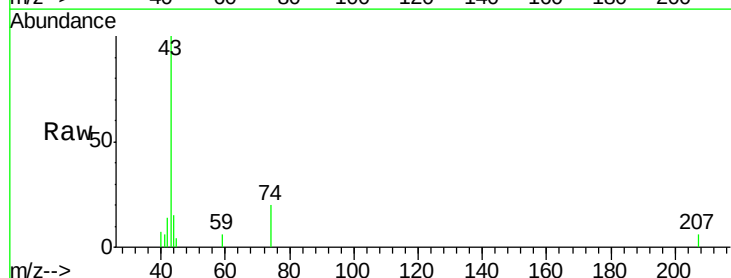
Acq: 13 Jul 2018 22:47

Tgt Ion: 43 Resp: 6423

Ion Ratio Lower Upper

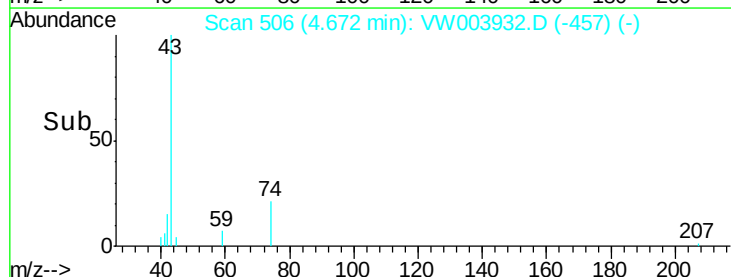
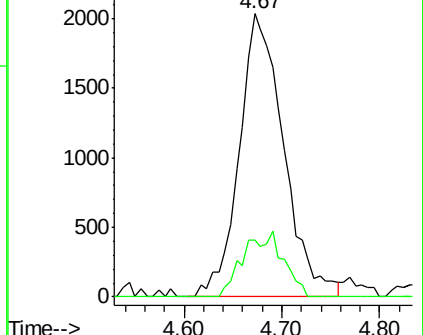
43 100

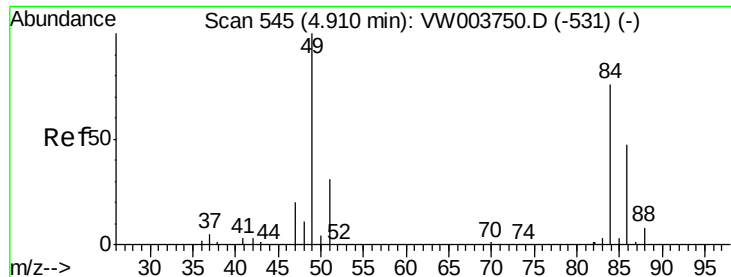
74 10.5 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

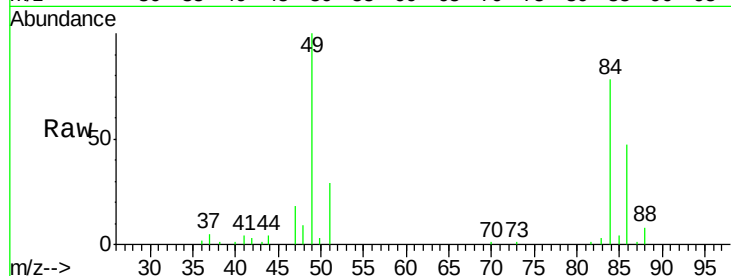




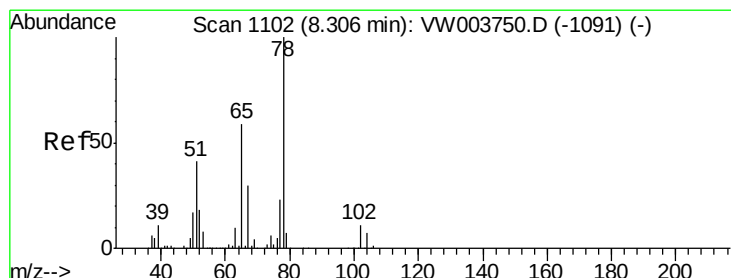
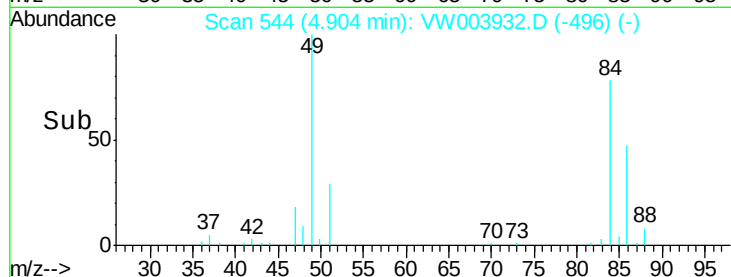
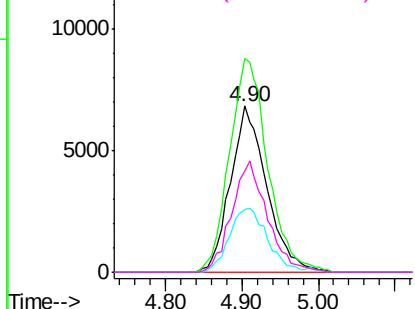
#20
Methvlene Chloride
Concen: 6.79 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003932.D
Acq: 13 Jul 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
LL-SOIL-3

Tot Ion: 84 Resp: 22514
Ion Ratio Lower Upper
84 100
49 128.7 105.1 157.7
51 37.6 32.5 48.7
86 60.9 49.8 74.6

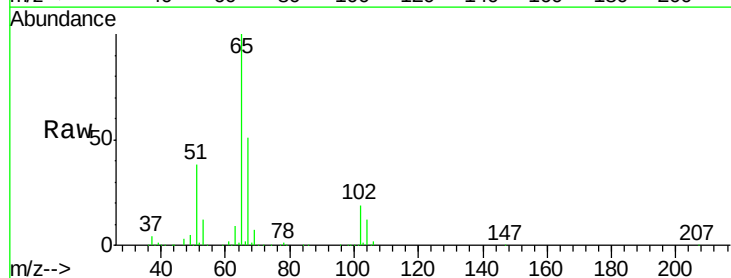


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

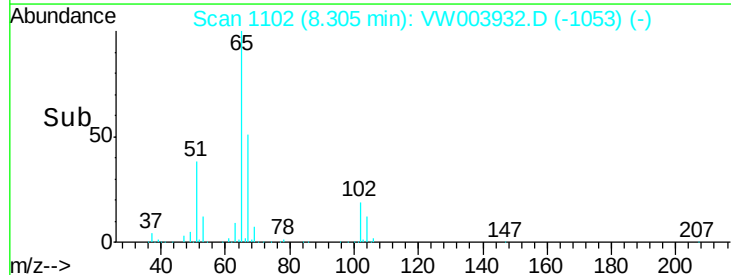
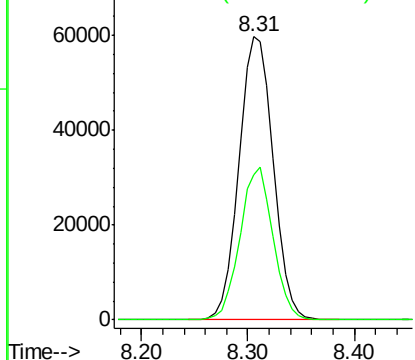


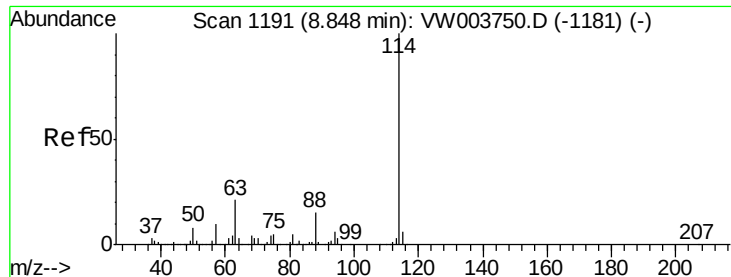
#33
1,2-Dichloroethane-d4
Concen: 53.69 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003932.D
Acq: 13 Jul 2018 22:47

Tgt Ion: 65 Resp: 135123
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

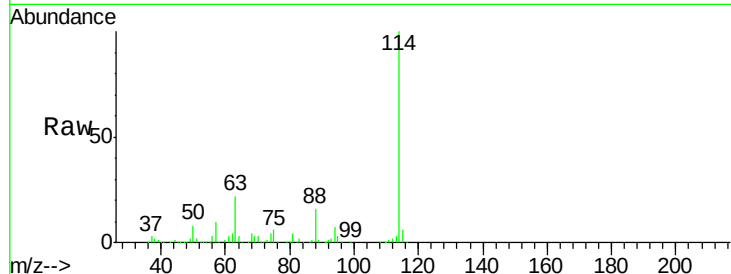




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW003932.D
Acq: 13 Jul 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
LL-SOIL-3

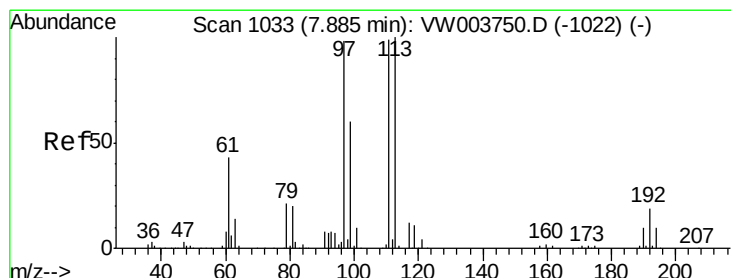
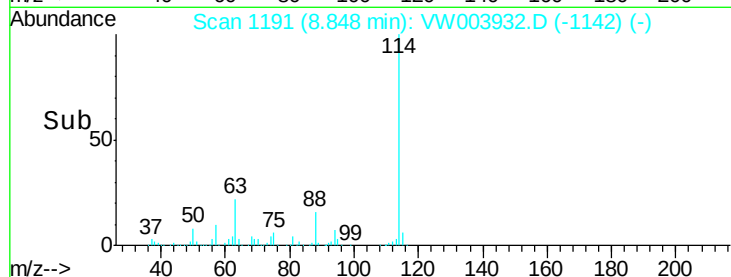
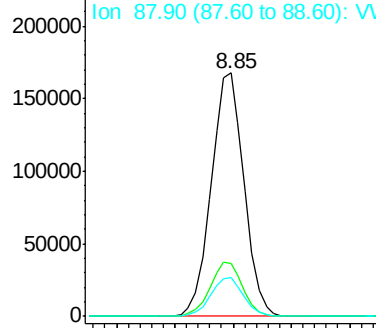
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.8
88	15.7	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

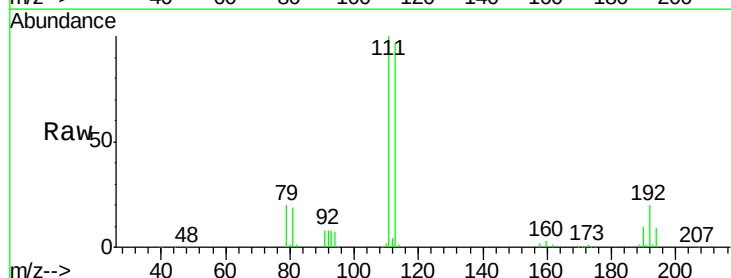
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 50.71 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003932.D
Acq: 13 Jul 2018 22:47

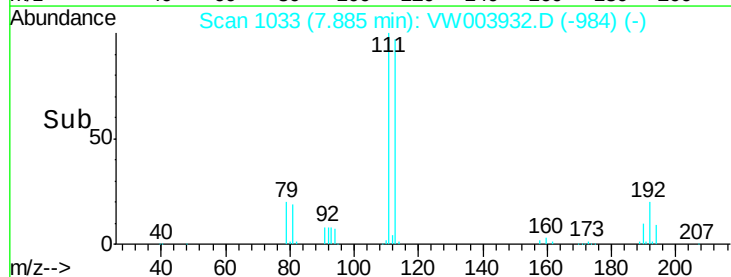
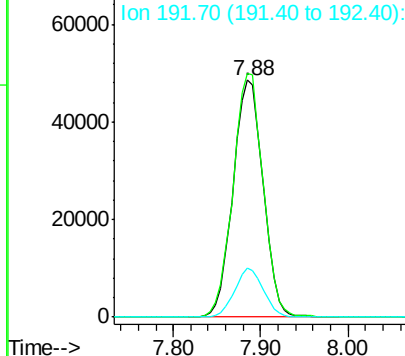
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	19.7	15.8	23.8

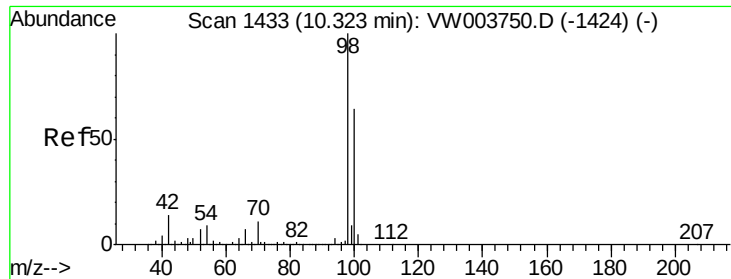


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.78 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003932.D

Acq: 13 Jul 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

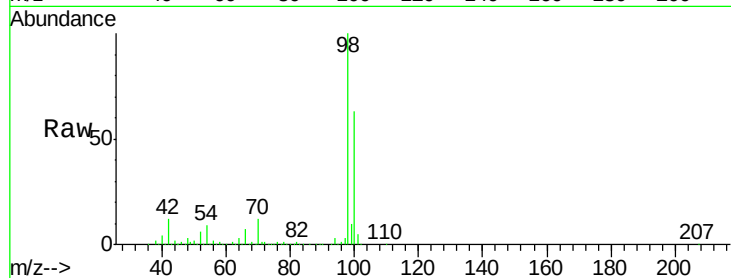
LL-SOIL-3

Tot Ion: 98 Resp: 339576

Ion Ratio Lower Upper

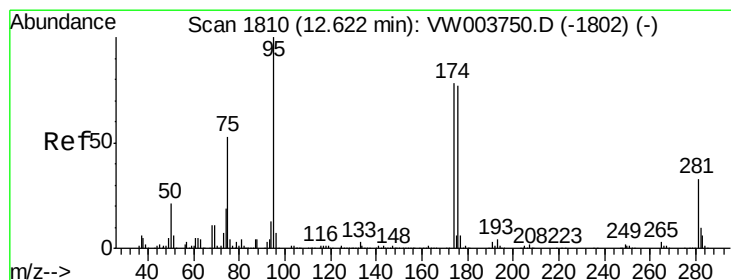
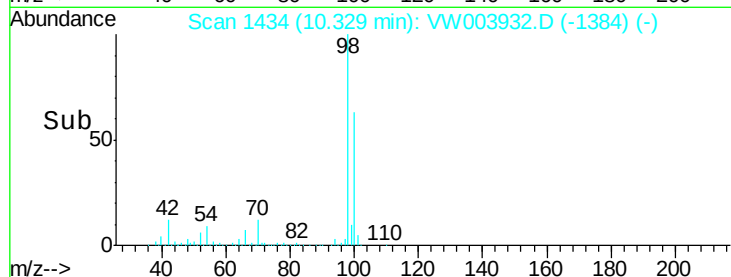
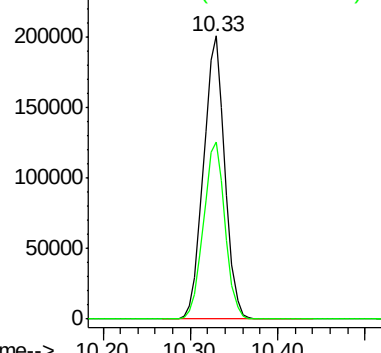
98 100

100 63.3 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: 39.57 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003932.D

Acq: 13 Jul 2018 22:47

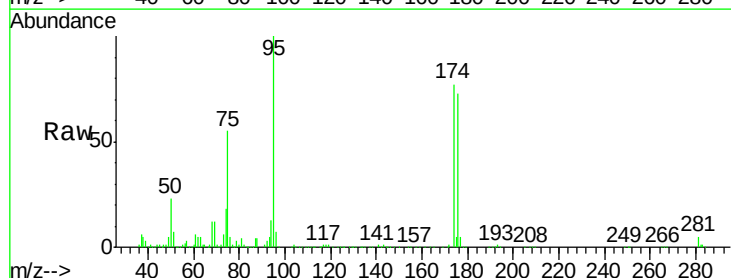
Tgt Ion: 95 Resp: 125376

Ion Ratio Lower Upper

95 100

174 81.0 0.0 163.4

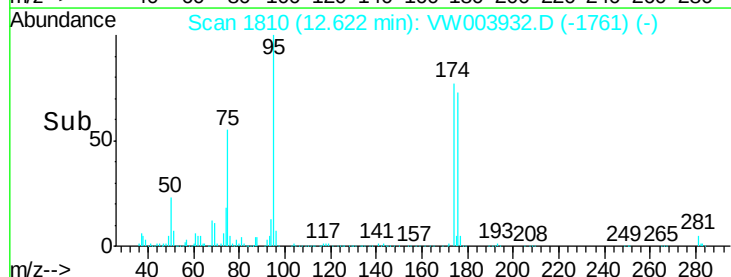
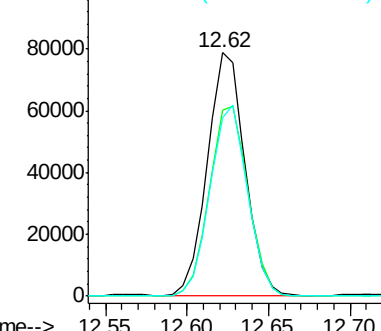
176 78.7 0.0 156.8

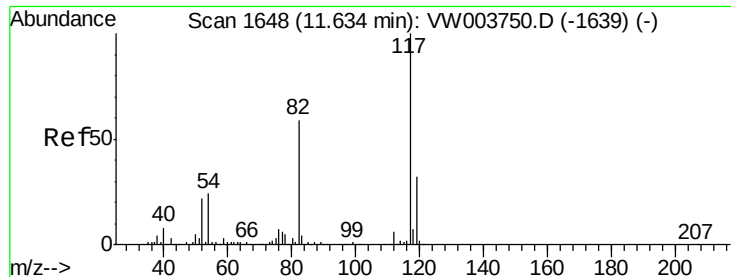


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

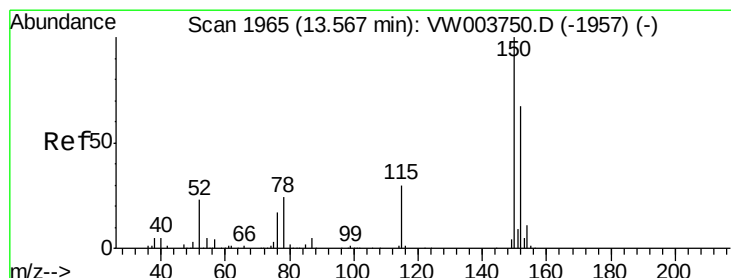
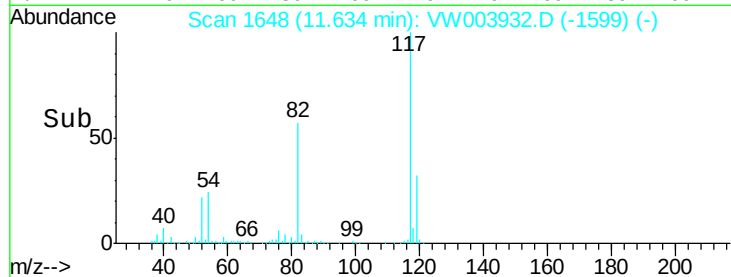
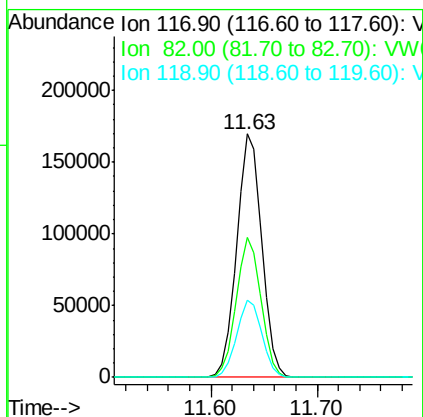
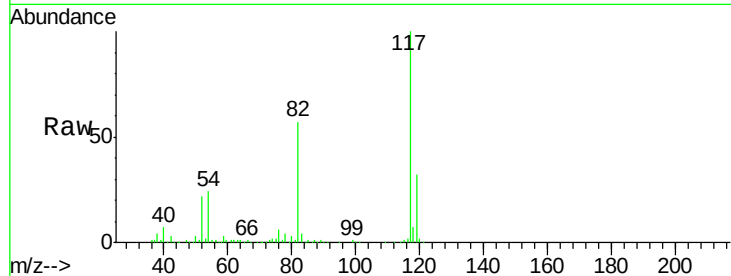




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003932.D
Acq: 13 Jul 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
LL-SOIL-3

Tot Ion:117 Resp: 280955
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 31.9 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: VW003932.D
Acq: 13 Jul 2018 22:47

Tgt Ion:152 Resp: 115836
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 157.5 0.0 342.4

