

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008436.D
 Acq On : 28 Jan 2019 13:41
 Operator : SY/VA
 Sample : K1254-03
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-2

Quant Time: Jan 29 04:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

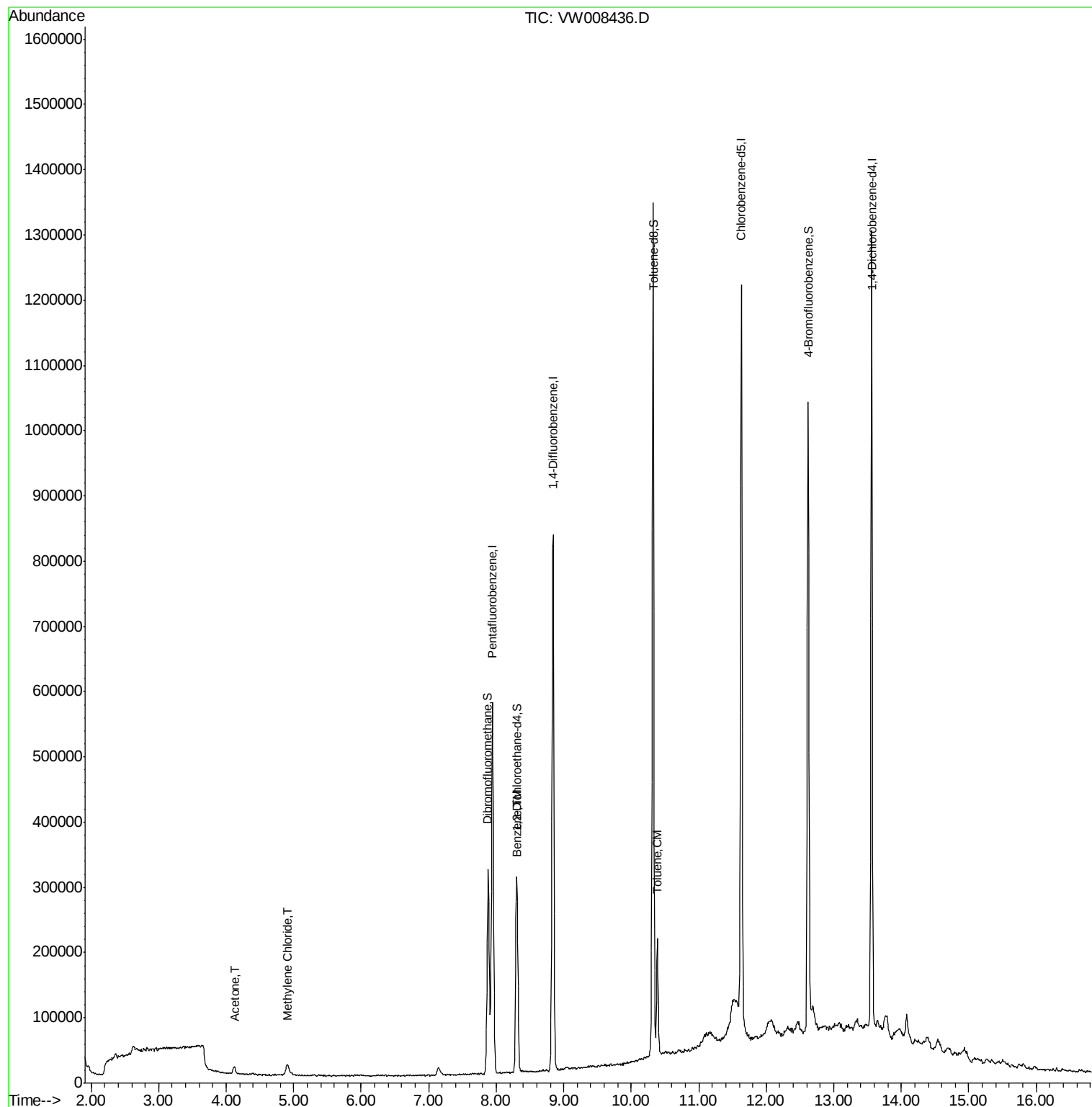
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	442701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	709282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	639306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	310879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	225882	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	7.88	113	218036	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	10.32	98	845499	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	313261	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
16) Acetone	4.12	43	19305	19.766	ug/l	99
20) Methylene Chloride	4.90	84	15791	3.508	ug/l	93
40) Benzene	8.32	78	21745	1.170	ug/l	97
52) Toluene	10.39	92	77003	6.274	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

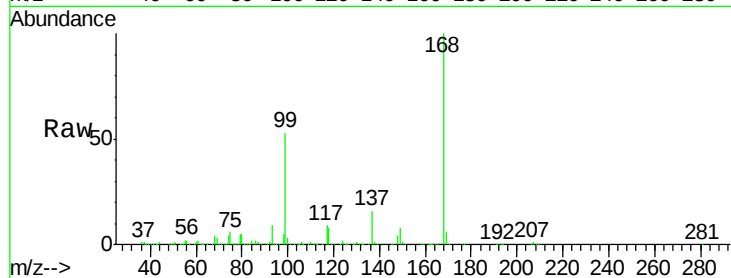
SOIL-2

Tot Ion:168 Resp: 442701

Ion Ratio Lower Upper

168 100

99 53.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

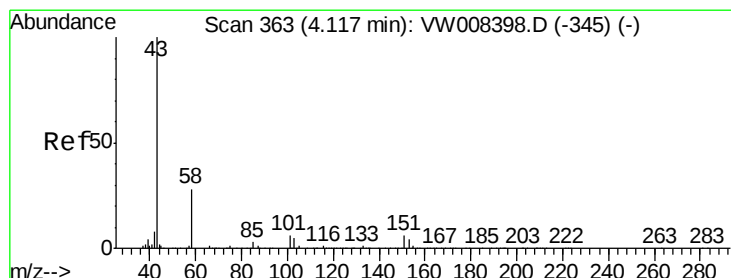
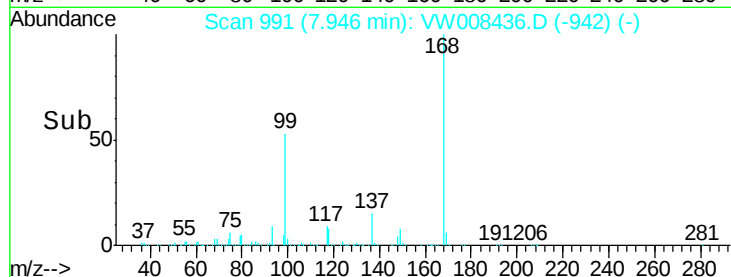
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 19.766 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008436.D

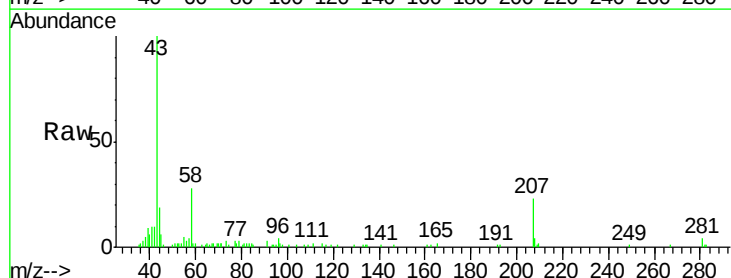
Acq: 28 Jan 2019 13:41

Tgt Ion: 43 Resp: 19305

Ion Ratio Lower Upper

43 100

58 28.9 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

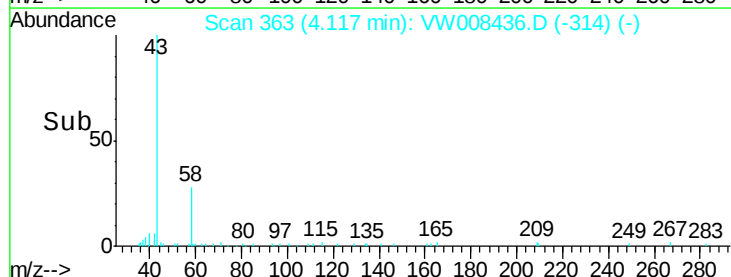
6000

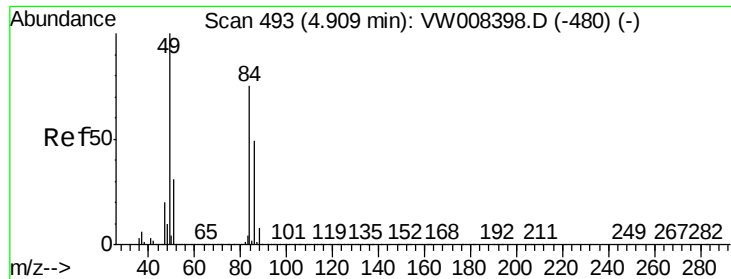
4000

2000

0

Time--> 4.05 4.10 4.15 4.20

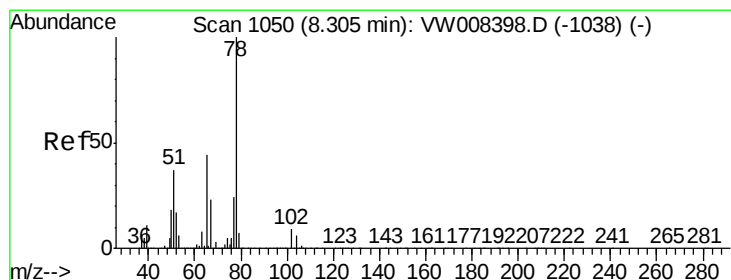
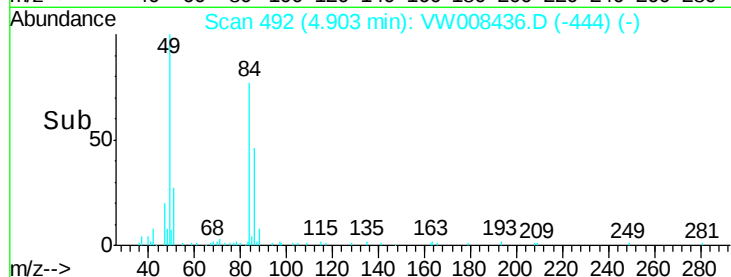
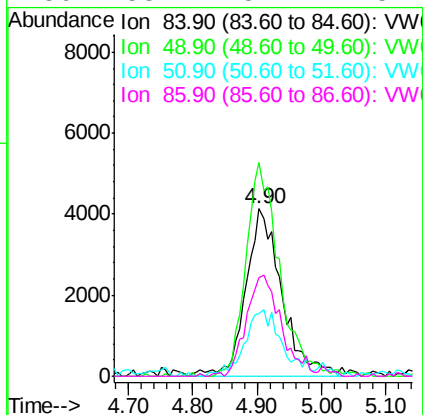
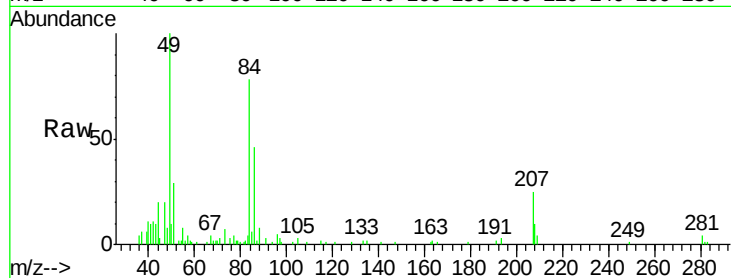




#20
Methvlene Chloride
Concen: 3.508 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008436.D
Acq: 28 Jan 2019 13:41

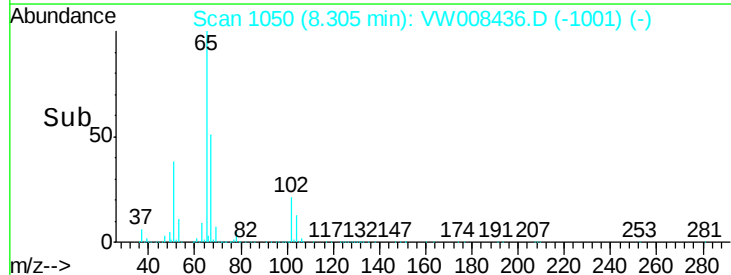
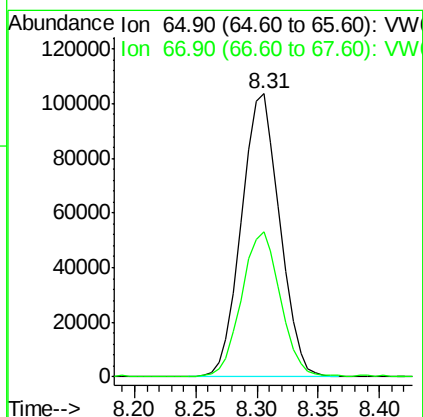
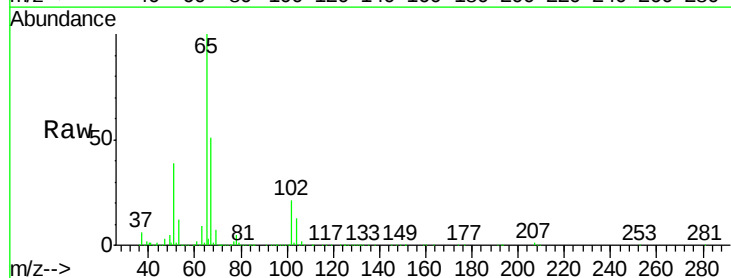
Instrument :
MSVOA_W
ClientSampleId :
SOIL-2

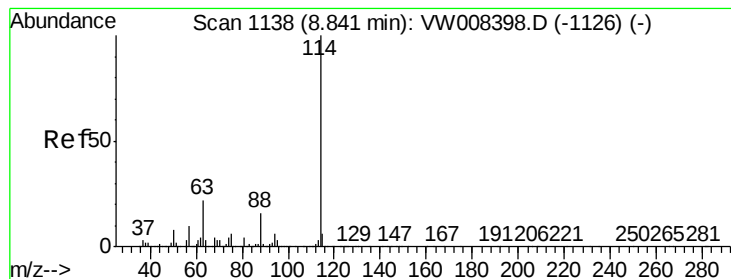
Tot Ion:	84	Resp:	15791
Ion	Ratio	Lower	Upper
84	100		
49	126.3	106.8	160.2
51	37.5	32.9	49.3
86	58.7	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 51.937 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008436.D
Acq: 28 Jan 2019 13:41

Tgt Ion:	65	Resp:	225882
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

SOIL-2

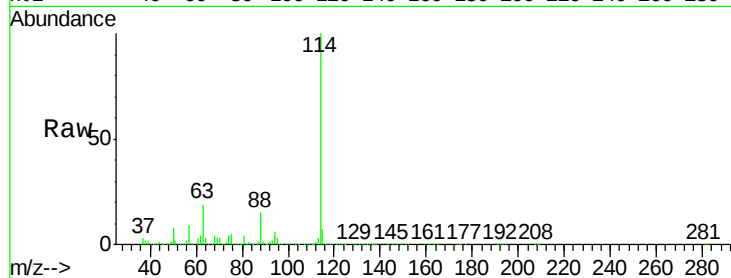
Tot Ion:114 Resp: 709282

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

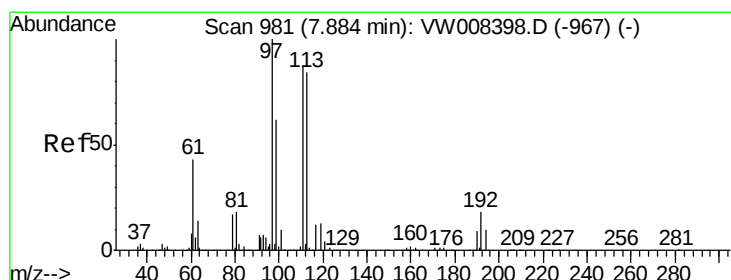
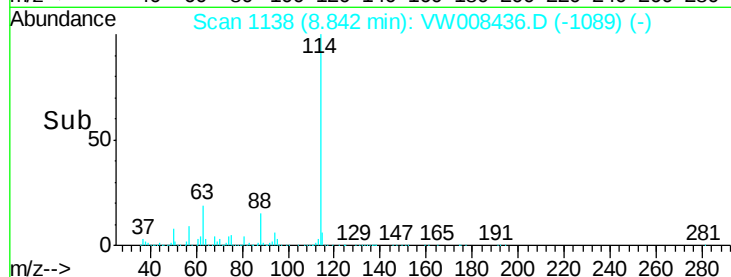
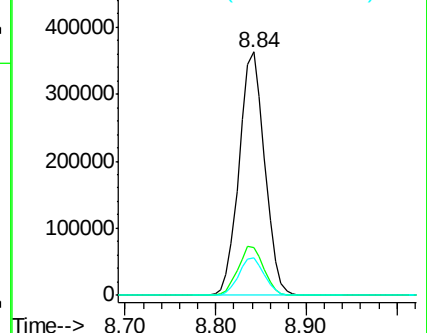
88 15.4 0.0 31.8



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: 52.572 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

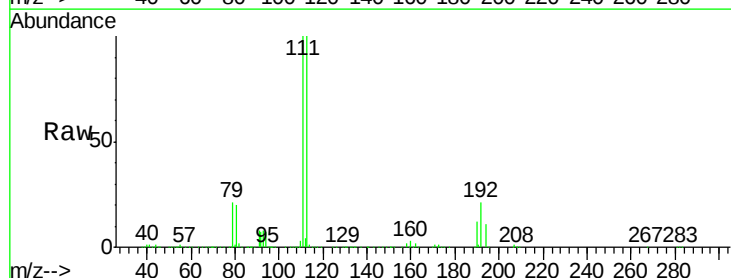
Tgt Ion:113 Resp: 218036

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

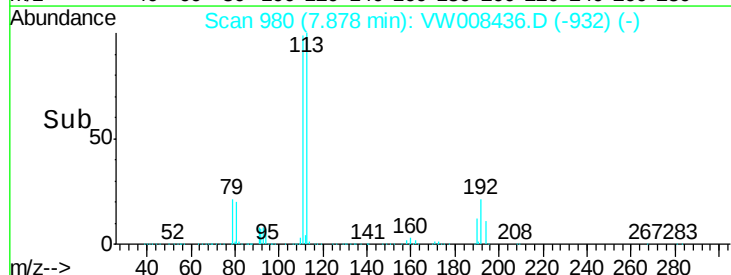
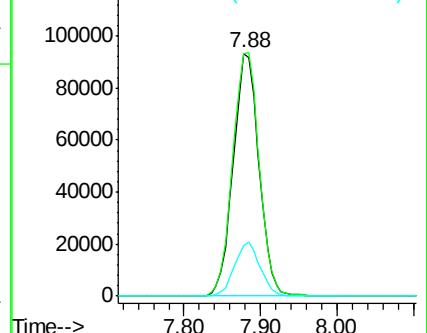
192 22.0 16.8 25.2

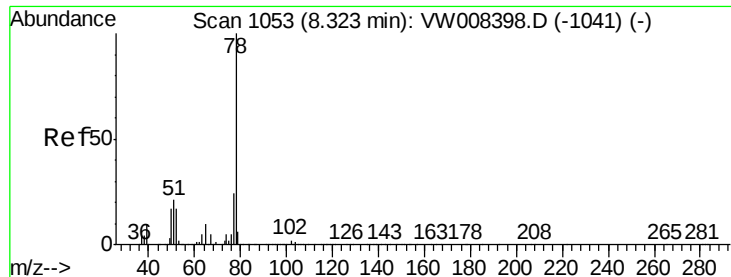


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.170 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampled :

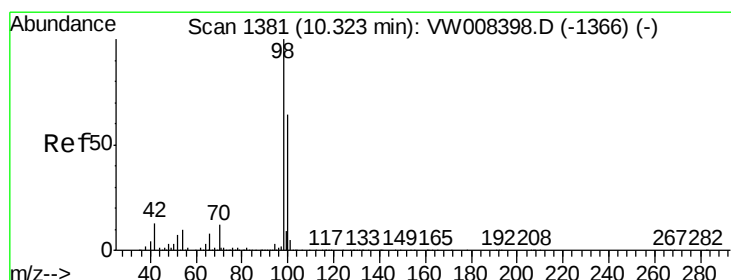
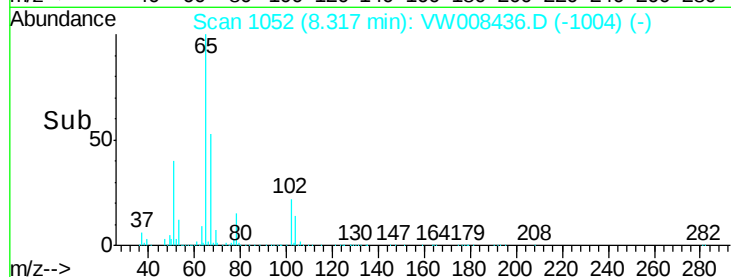
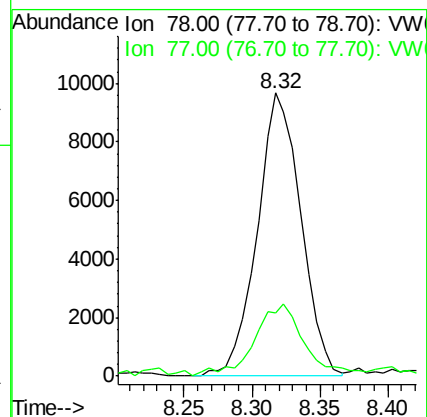
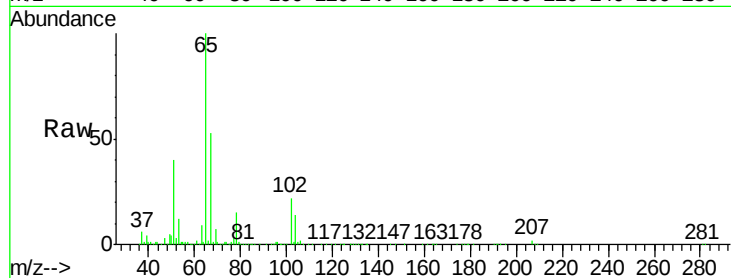
SOIL-2

Tot Ion: 78 Resp: 21745

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6



#50

Toluene-d8

Concen: 50.838 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008436.D

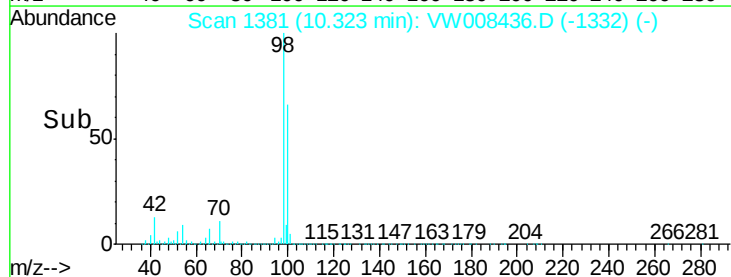
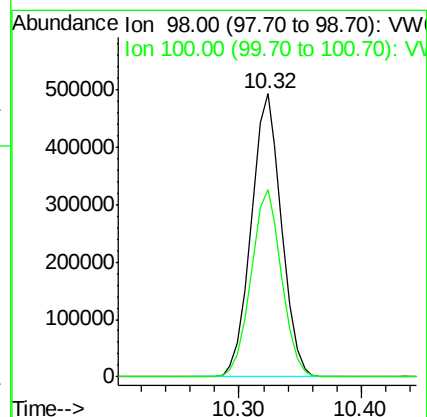
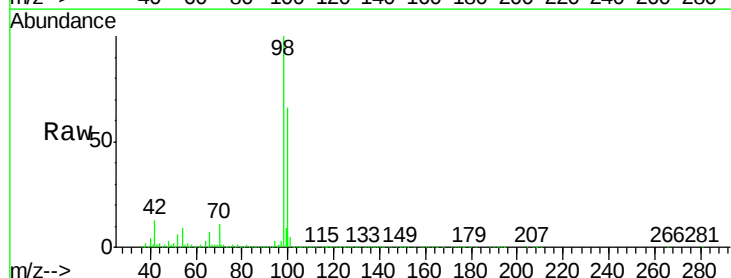
Acq: 28 Jan 2019 13:41

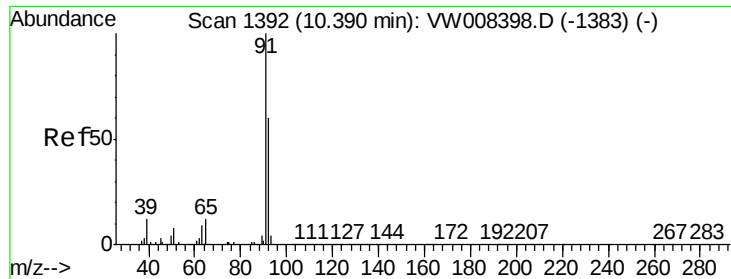
Tgt Ion: 98 Resp: 845499

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8





#52

Toluene

Concen: 6.274 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampled :

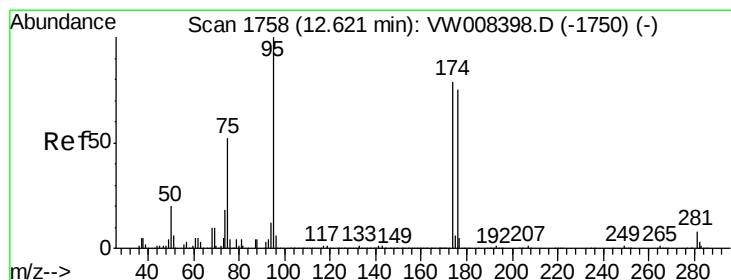
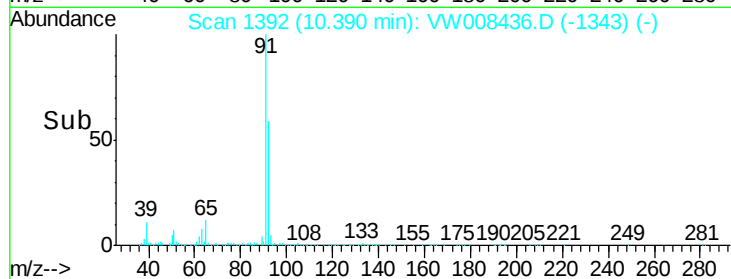
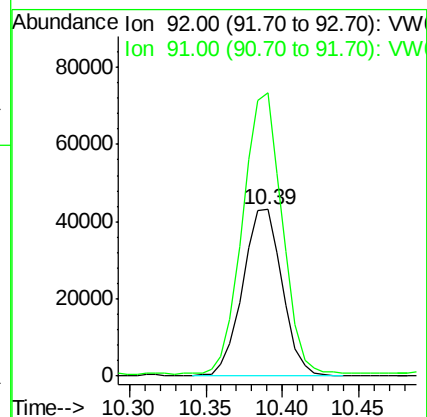
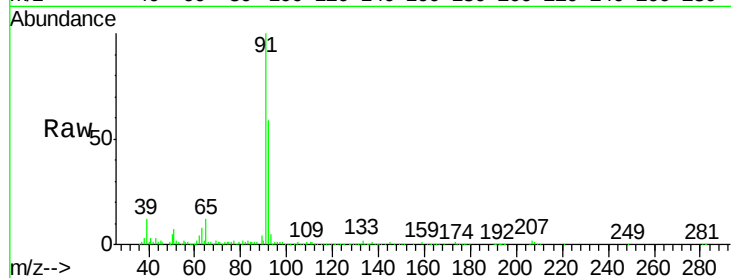
SOIL-2

Tot Ion: 92 Resp: 77003

Ion Ratio Lower Upper

92 100

91 168.6 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 49.002 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

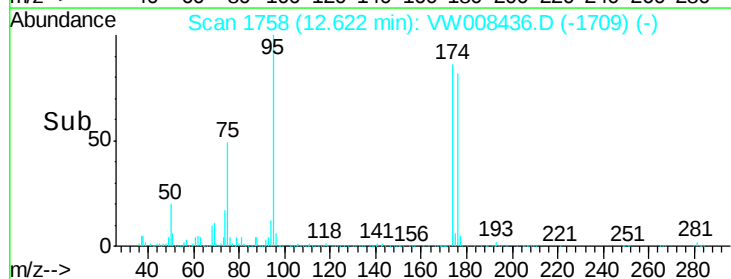
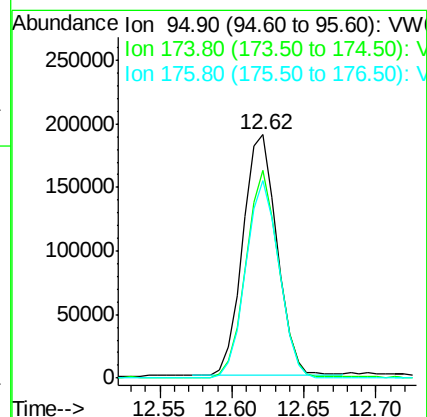
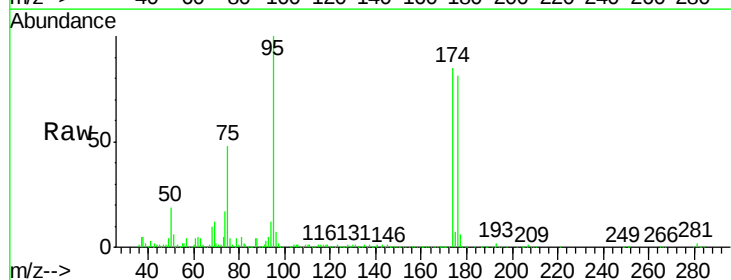
Tgt Ion: 95 Resp: 313261

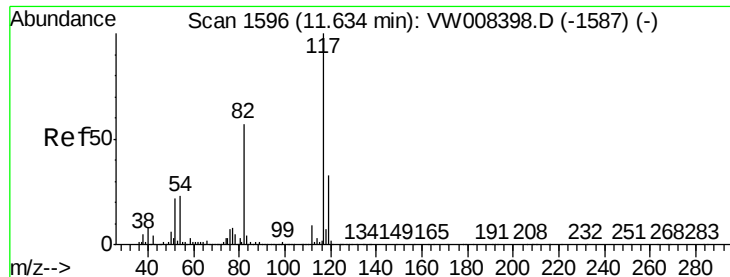
Ion Ratio Lower Upper

95 100

174 81.7 0.0 157.6

176 79.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

SOIL-2

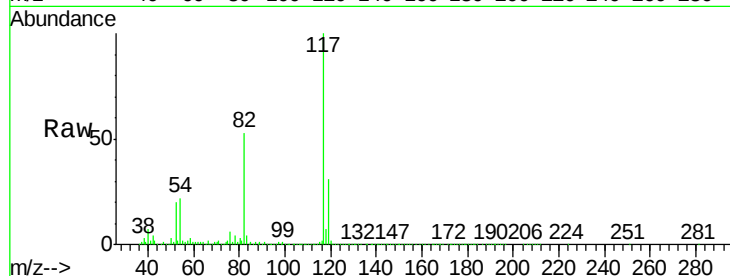
Tot Ion:117 Resp: 639306

Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

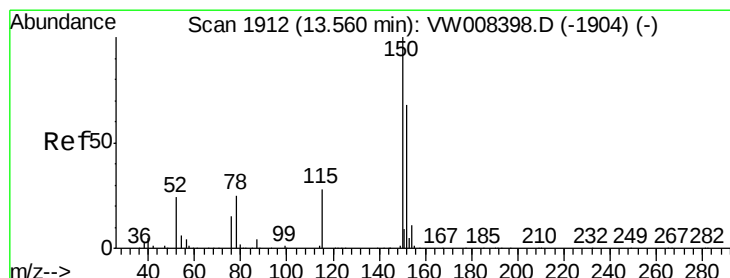
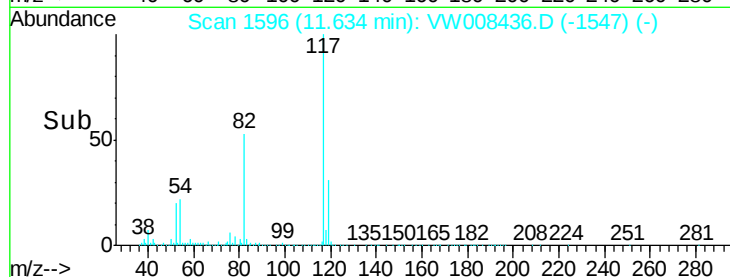
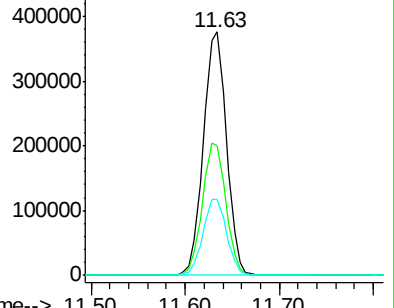
119 31.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008436.D

Acq: 28 Jan 2019 13:41

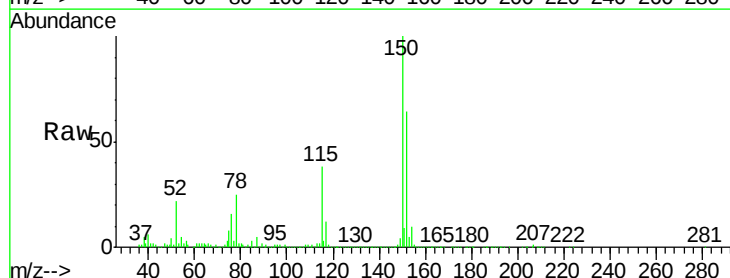
Tgt Ion:152 Resp: 310879

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

150 155.5 0.0 351.4



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

