

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005083.D
 Acq On : 04 Sep 2018 16:49
 Operator : SY/AP
 Sample : J4699-01
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-1

Quant Time: Sep 04 17:22:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

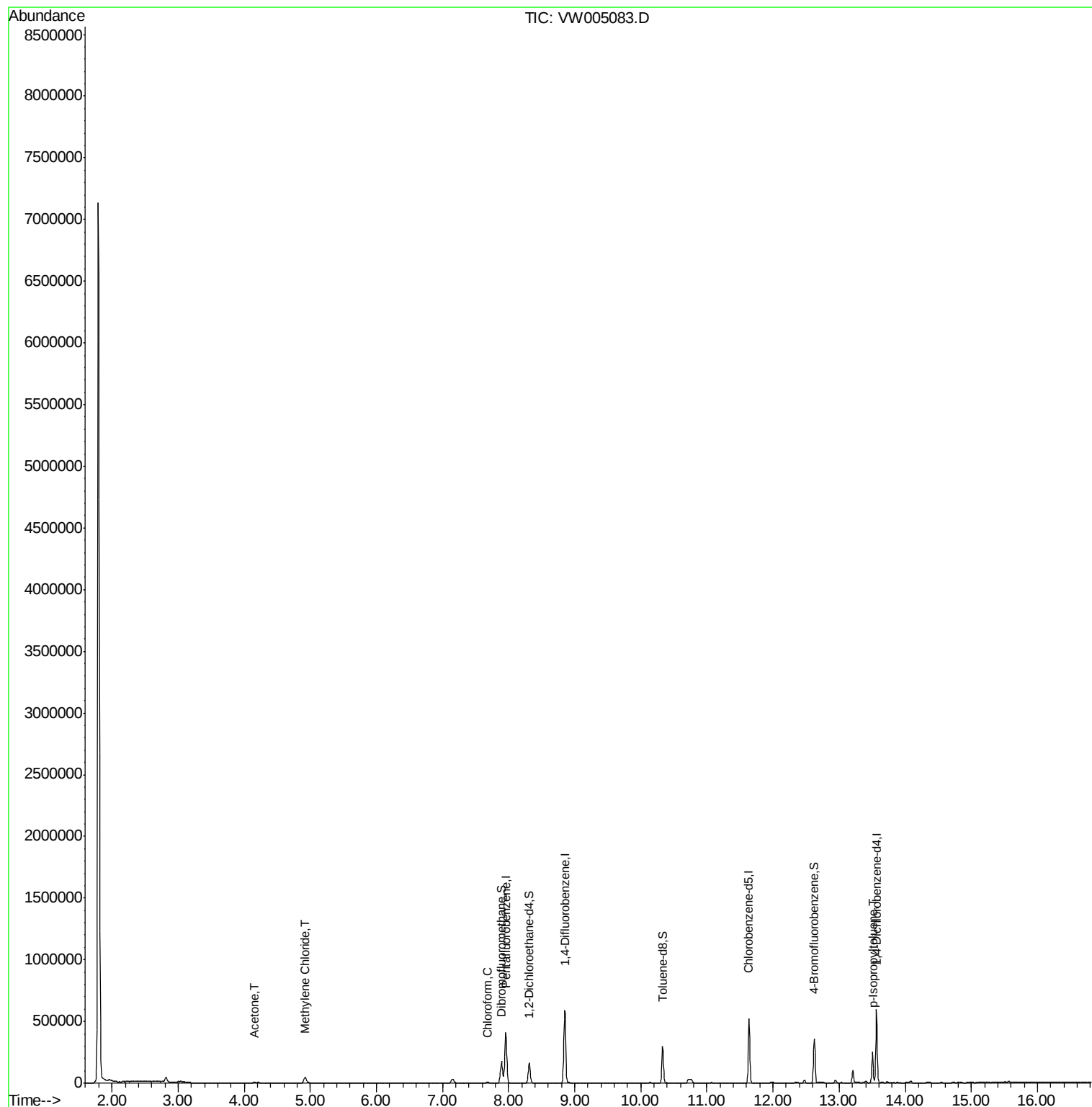
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	334760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	542469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125557	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
35) Dibromofluoromethane	7.89	113	129553	41.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.66%	
50) Toluene-d8	10.33	98	211034	14.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.22%	
62) 4-Bromofluorobenzene	12.62	95	112655	22.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.24%	
Target Compounds						
16) Acetone	4.15	43	9655	17.35	ug/l	97
20) Methylene Chloride	4.92	84	36617	6.34	ug/l	97
30) Chloroform	7.68	83	5935	1.04	ug/l	87
86) p-Isopropyltoluene	13.51	119	137056	12.31	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

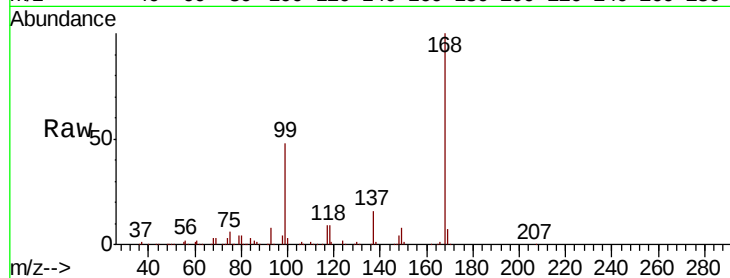
CG-SOIL-1

Tot Ion:168 Resp: 334760

Ion Ratio Lower Upper

168 100

99 47.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

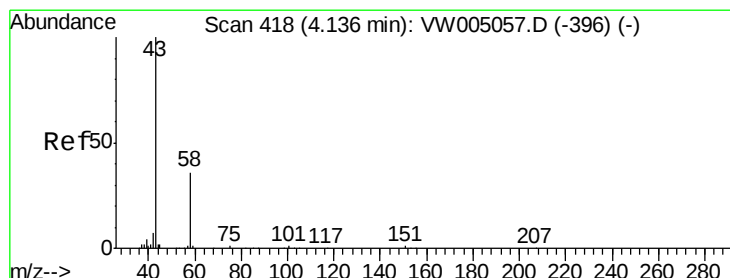
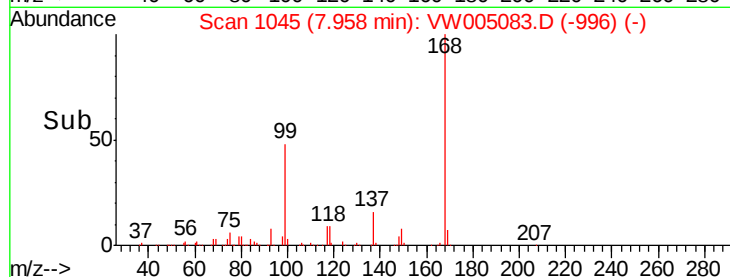
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.35 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW005083.D

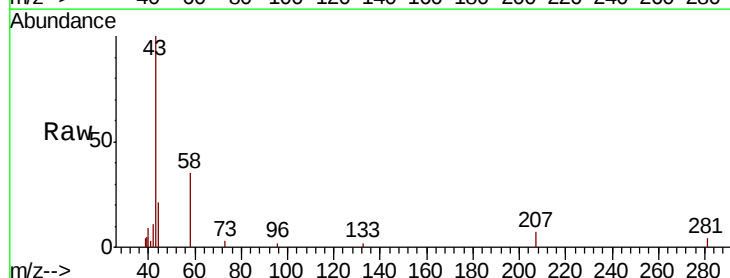
Acq: 04 Sep 2018 16:49

Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

43 100

58 34.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

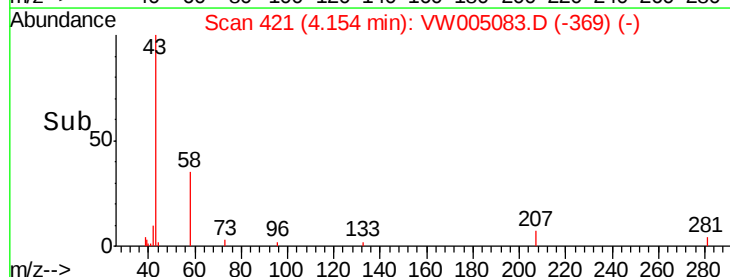
3000

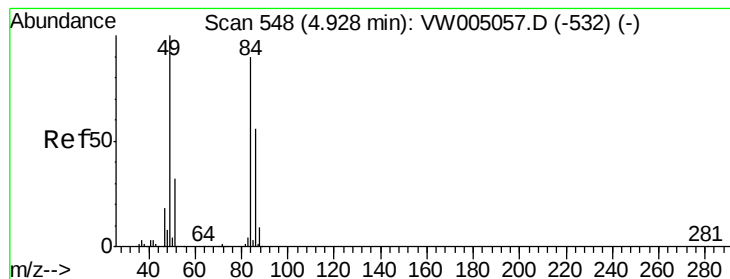
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.34 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

CG-SOIL-1

Tot Ion: 84 Resp: 36617

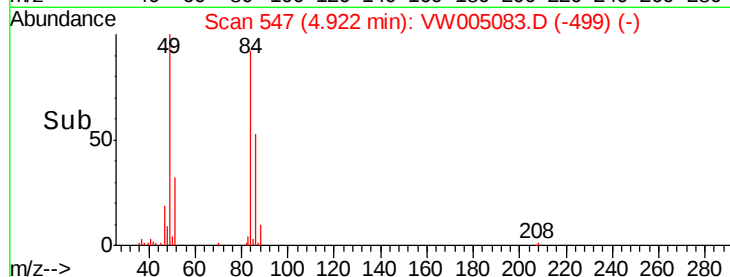
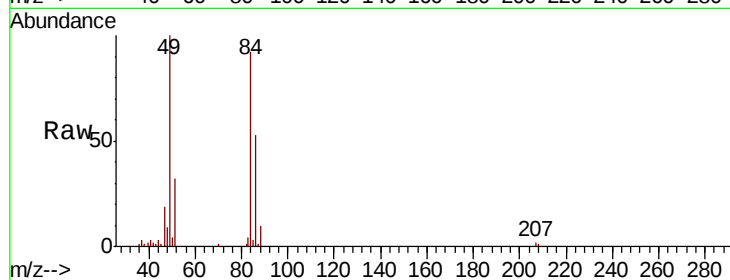
Ion Ratio Lower Upper

84 100

49 108.9 88.7 133.1

51 34.8 28.6 42.8

86 58.2 49.4 74.2

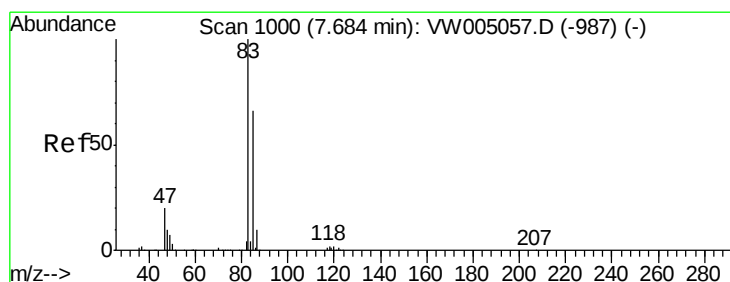
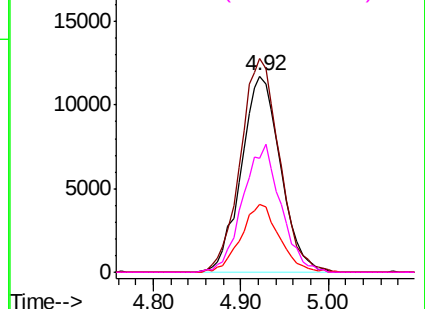


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#30

Chloroform

Concen: 1.04 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005083.D

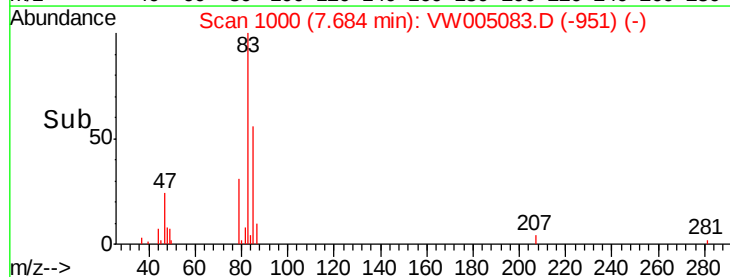
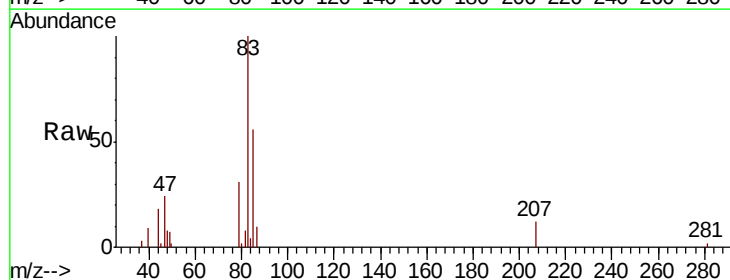
Acq: 04 Sep 2018 16:49

Tgt Ion: 83 Resp: 5935

Ion Ratio Lower Upper

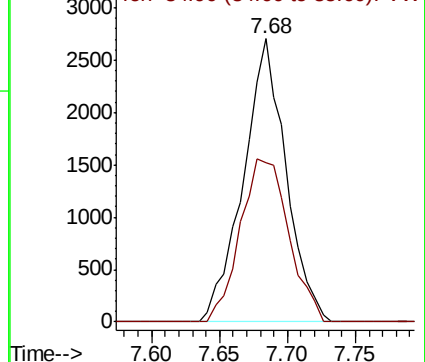
83 100

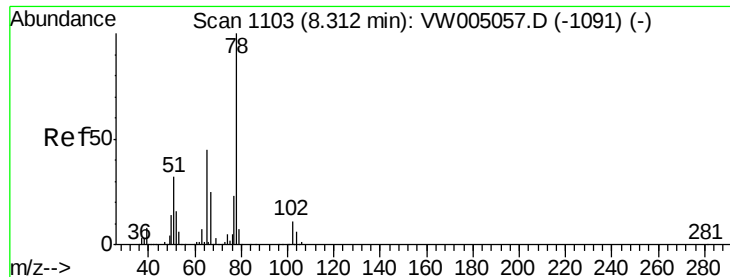
85 56.3 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

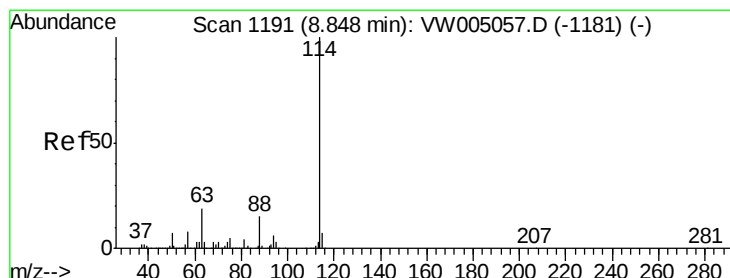
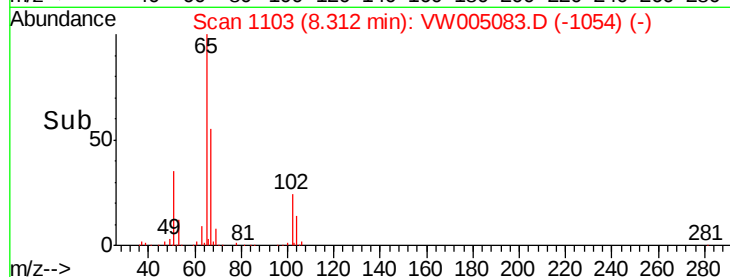
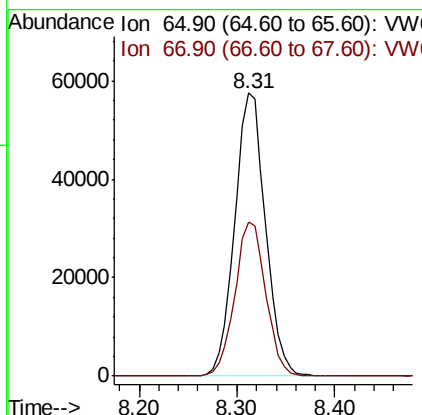
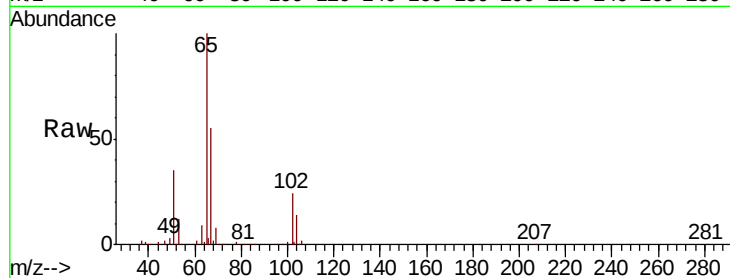




#33
 1,2-Dichloroethane-d4
 Concen: 45.25 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

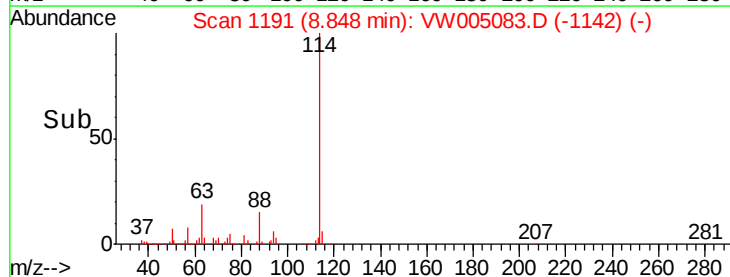
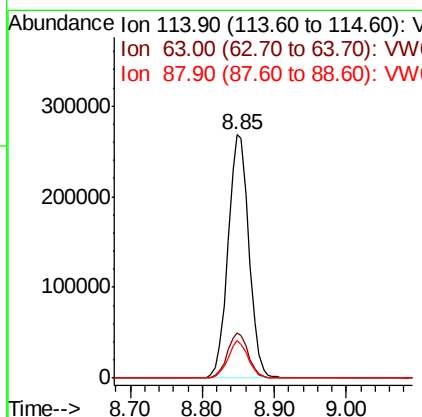
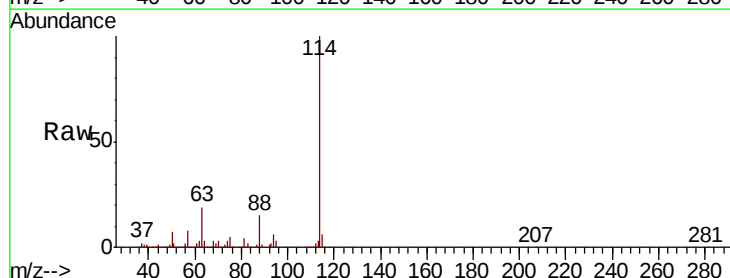
Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-1

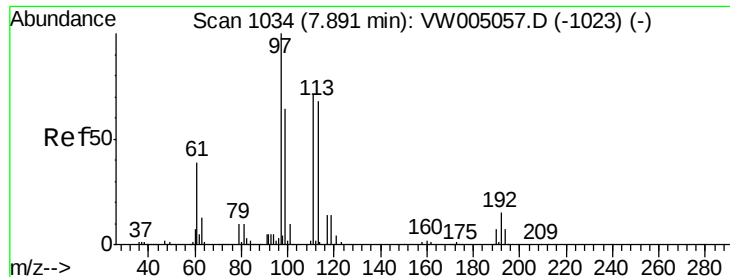
Tot Ion: 65 Resp: 125557
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Tgt Ion: 114 Resp: 542469
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.0
 88 15.2 0.0 30.2

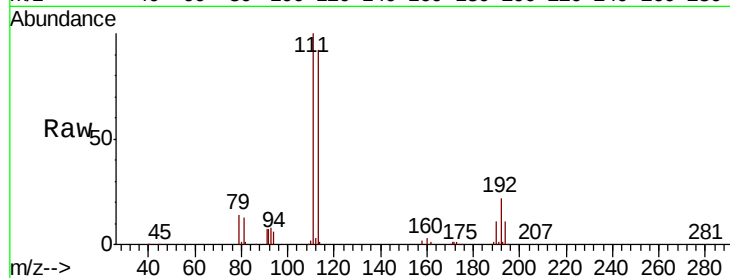




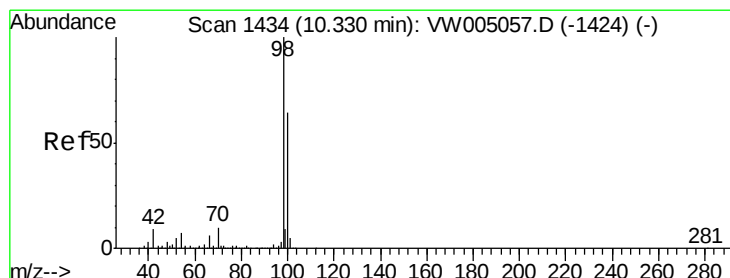
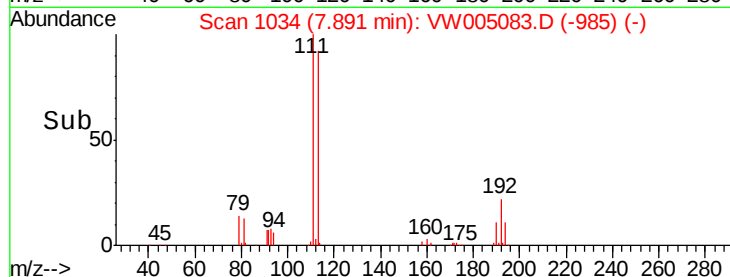
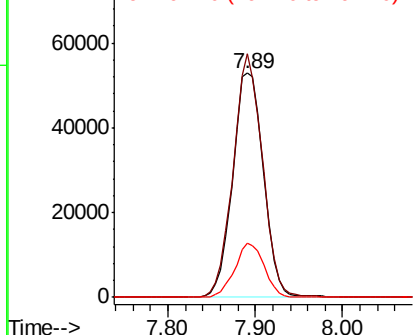
#35
 Dibromofluoromethane
 Concen: 41.33 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Instrument :
 MSVOA_W
 ClientSampleId :
 CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	23.0	18.1	27.1

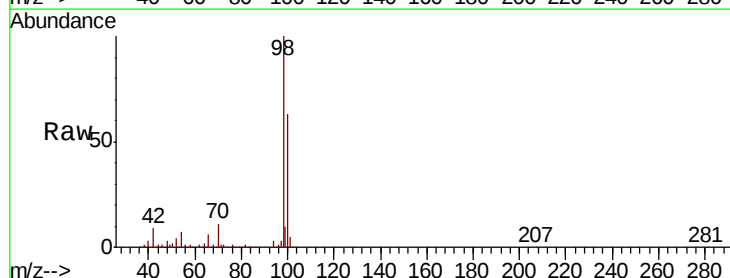


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

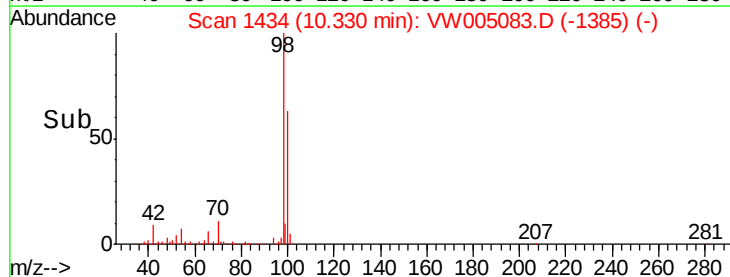
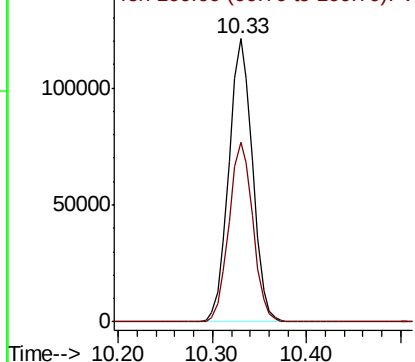


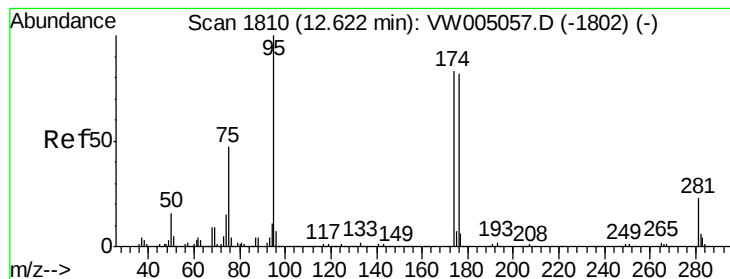
#50
 Toluene-d8
 Concen: 14.61 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005083.D
 Acq: 04 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 22.12 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampleId :

CG-SOIL-1

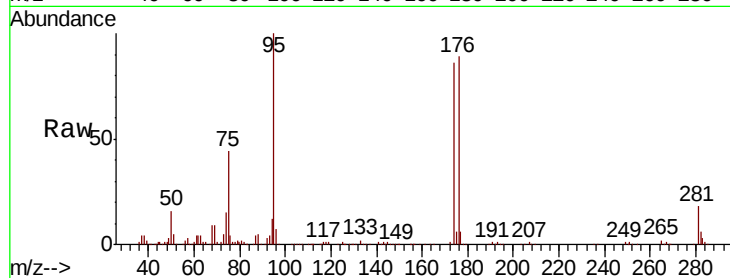
Tot Ion: 95 Resp: 112655

Ion Ratio Lower Upper

95 100

174 89.6 0.0 173.4

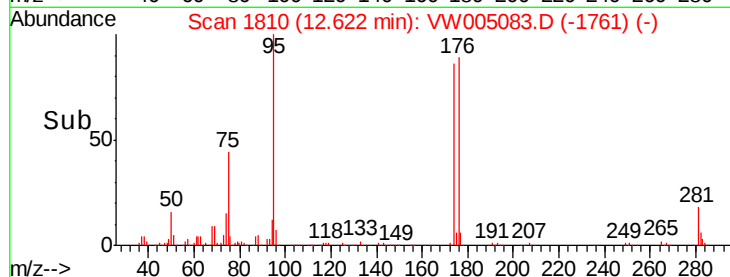
176 87.8 0.0 167.4



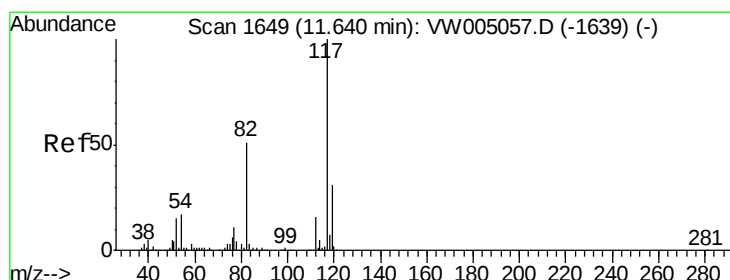
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

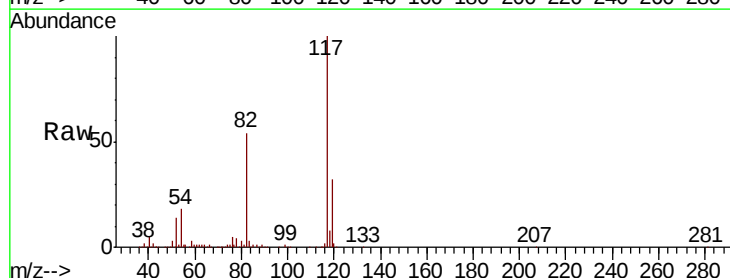
Tgt Ion: 117 Resp: 318602

Ion Ratio Lower Upper

117 100

82 53.7 40.9 61.3

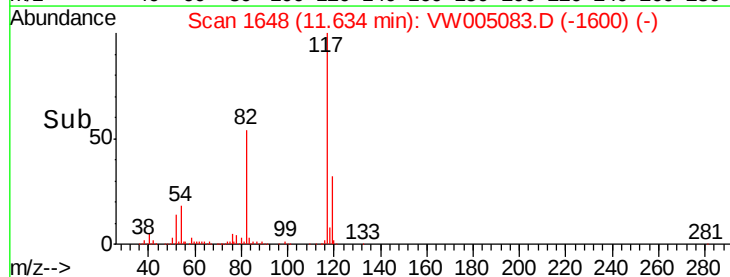
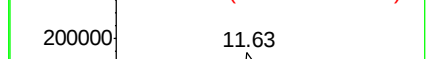
119 31.6 24.9 37.3



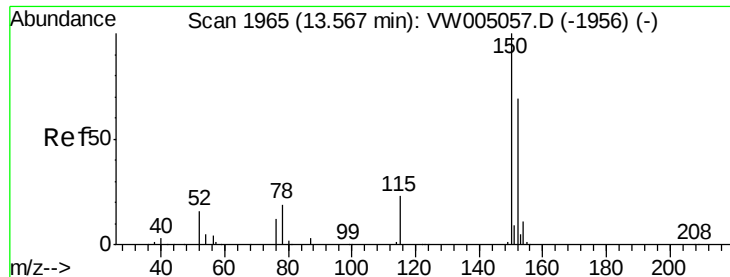
Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

Instrument :

MSVOA_W

ClientSampled :

CG-SOIL-1

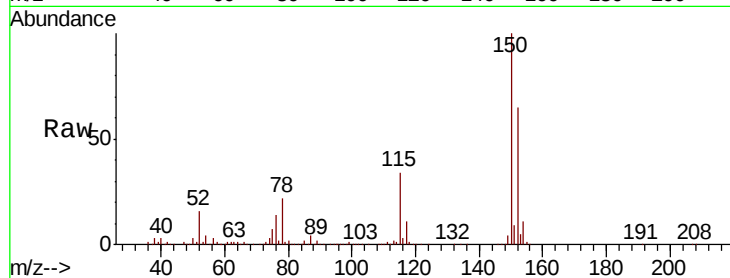
Tot Ion:152 Resp: 168040

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.4

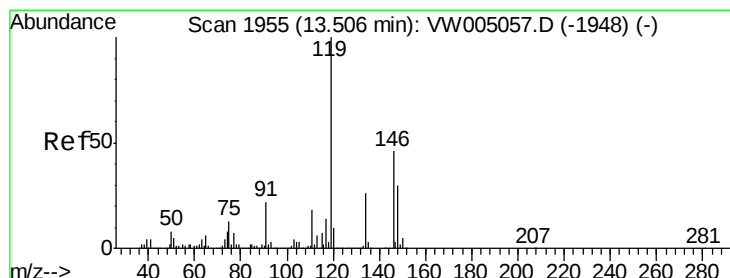
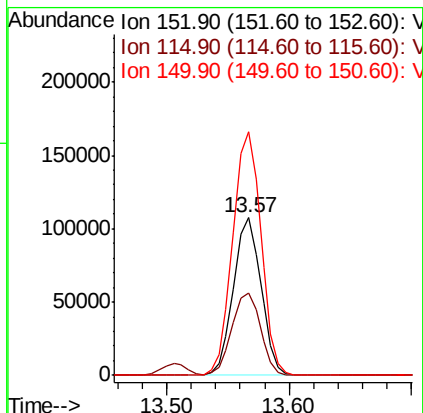
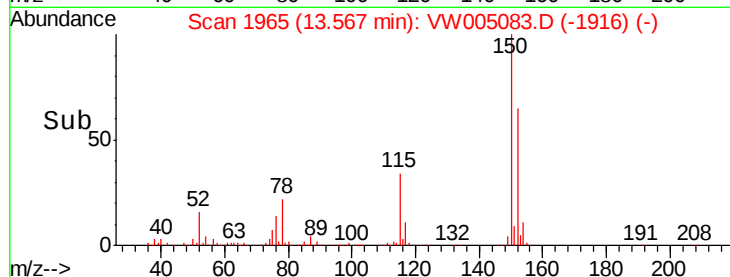
150 157.7 0.0 351.4



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



#86

p-Isopropyltoluene

Concen: 12.31 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005083.D

Acq: 04 Sep 2018 16:49

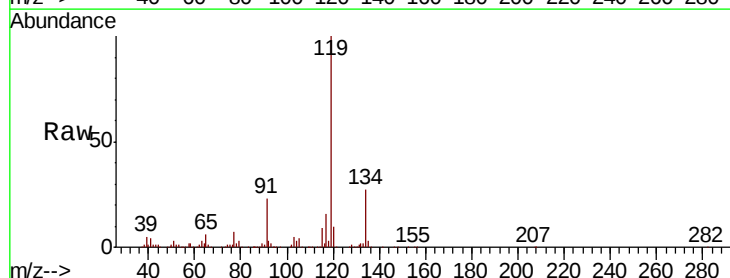
Tgt Ion:119 Resp: 137056

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.2 10.9 32.9



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

