

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052419\
 Data File : VW010553.D
 Acq On : 24 May 2019 16:27
 Operator : SY/VA
 Sample : K3053-01
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CR-SOIL-PILE

Quant Time: May 25 02:12:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

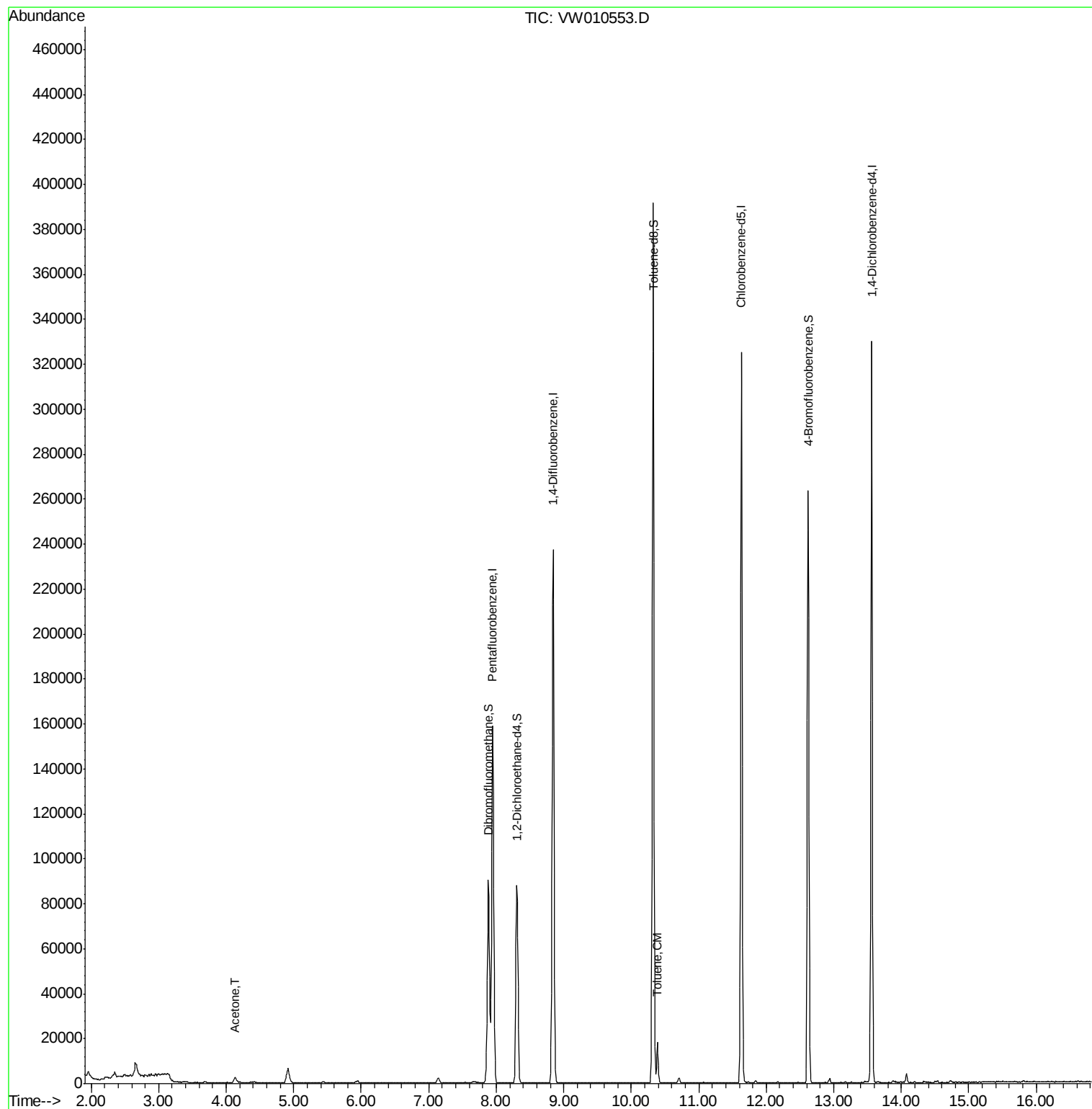
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	213691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70419	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	66179	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.32	98	260720	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	97327	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
Target Compounds						
16) Acetone	4.14	43	4684	18.853	ug/l	88
52) Toluene	10.39	92	7565	2.036	ug/l	98

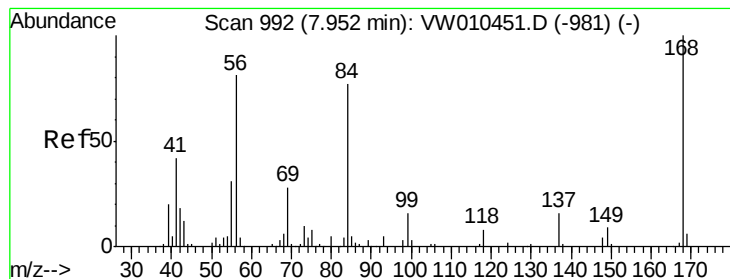
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010553.D

Acq: 24 May 2019 16:27

Instrument :

MSVOA_W

ClientSampleId :

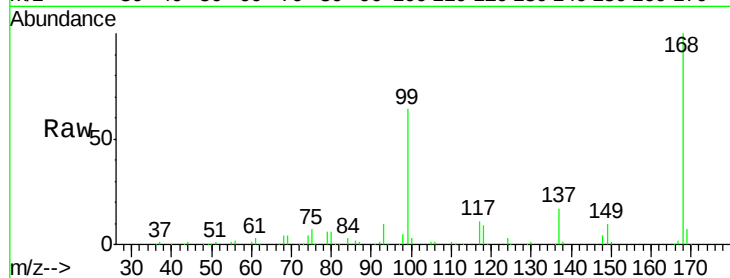
CR-SOIL-PILE

Tot Ion:168 Resp: 117924

Ion Ratio Lower Upper

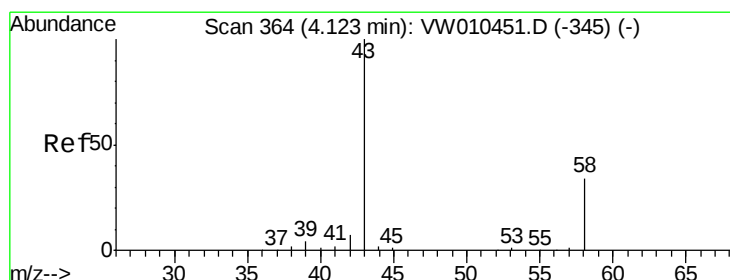
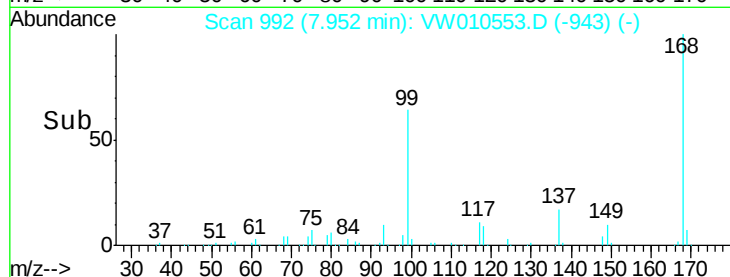
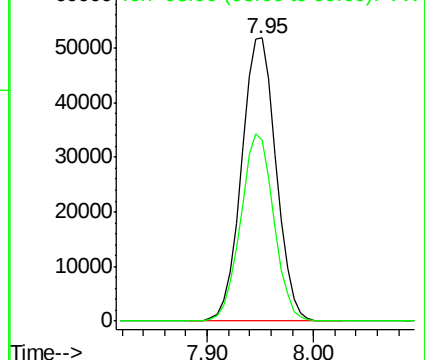
168 100

99 63.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 18.853 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010553.D

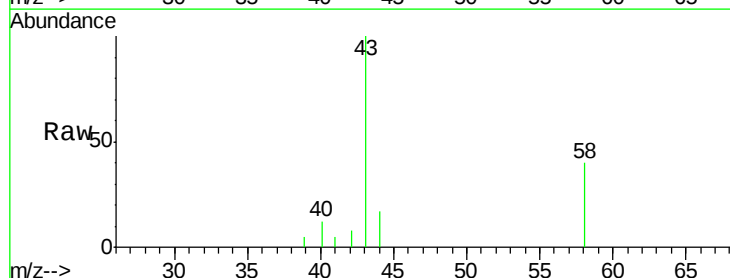
Acq: 24 May 2019 16:27

Tgt Ion: 43 Resp: 4684

Ion Ratio Lower Upper

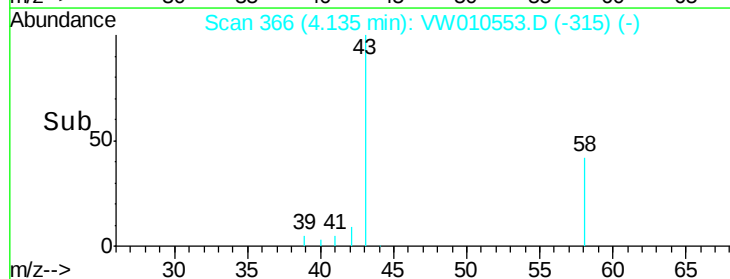
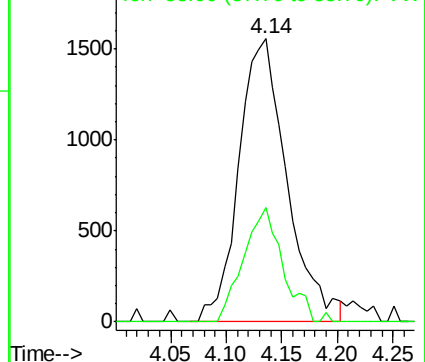
43 100

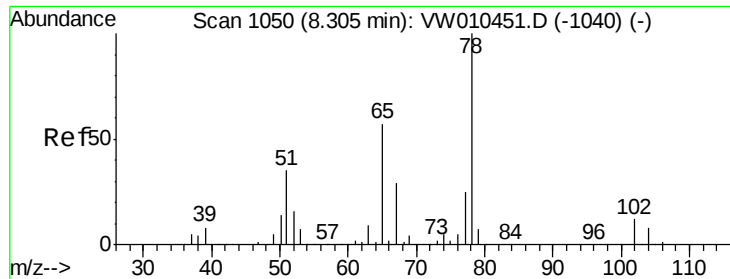
58 40.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

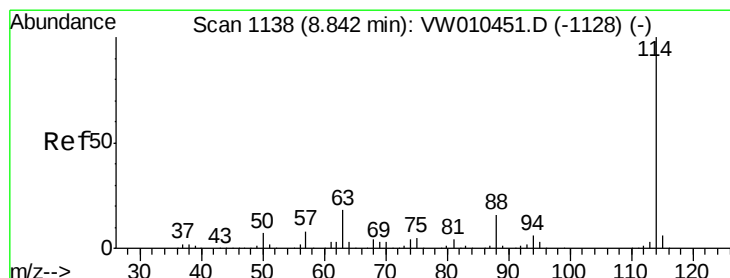
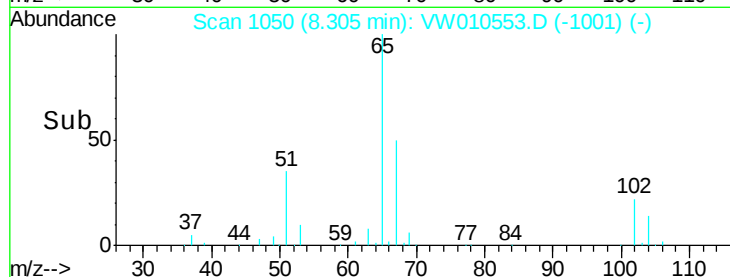
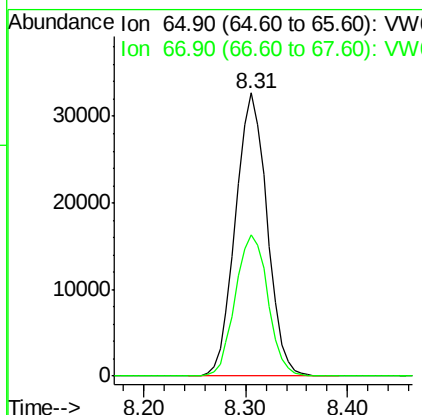
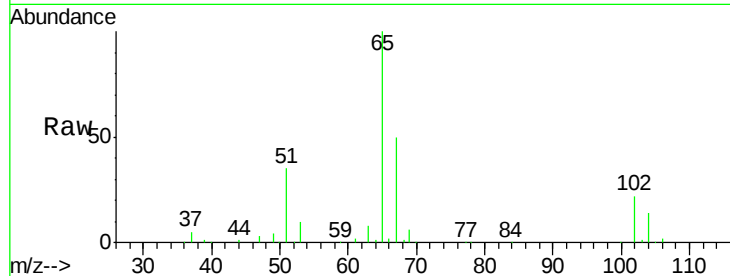




#33
 1,2-Dichloroethane-d4
 Concen: 57.854 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010553.D
 Acq: 24 May 2019 16:27

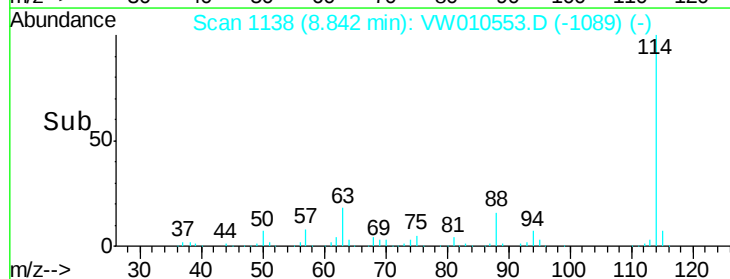
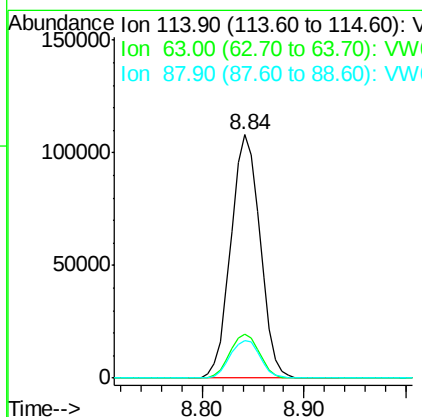
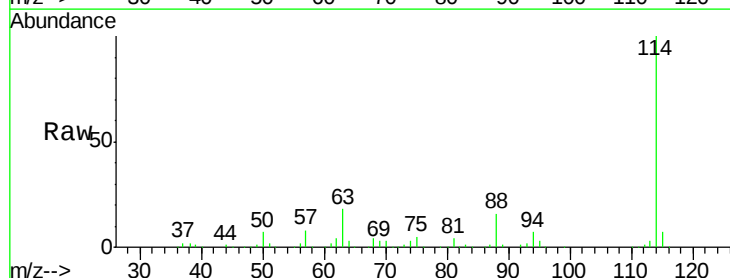
Instrument :
 MSVOA_W
 ClientSampleId :
 CR-SOIL-PILE

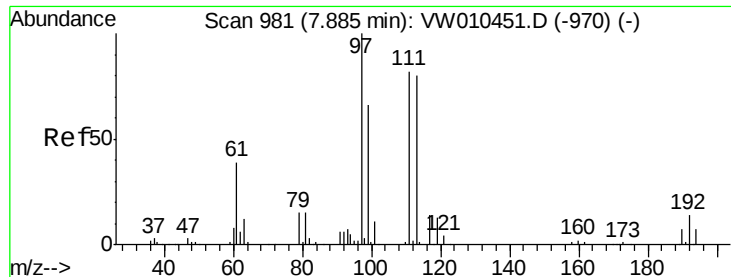
Tot Ion: 65 Resp: 70419
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010553.D
 Acq: 24 May 2019 16:27

Tgt Ion: 114 Resp: 213691
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.0
 88 15.6 0.0 32.0

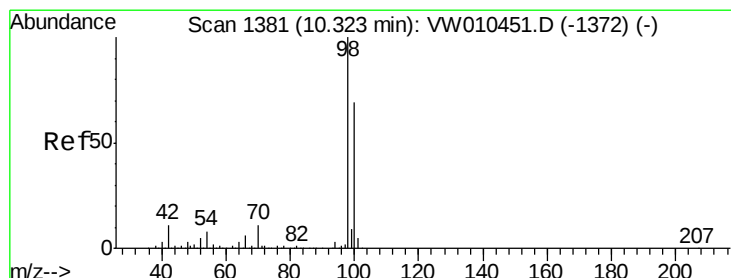
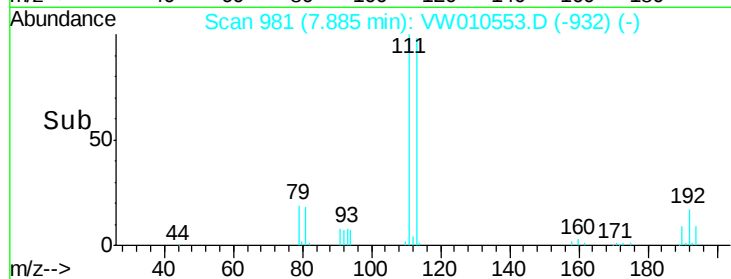
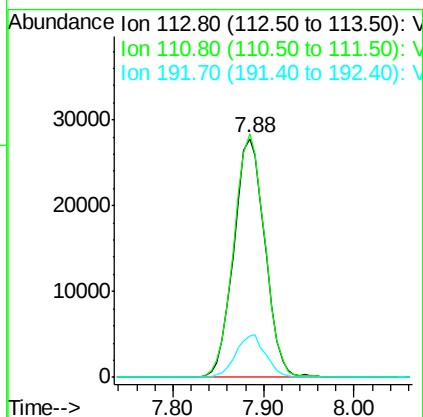
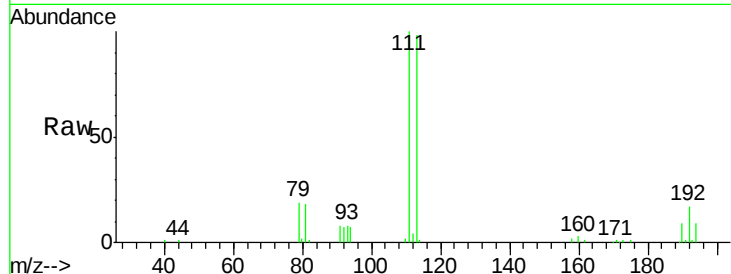




#35
 Dibromofluoromethane
 Concen: 51.039 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010553.D
 Acq: 24 May 2019 16:27

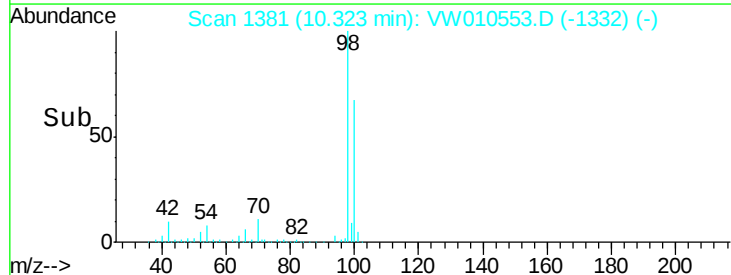
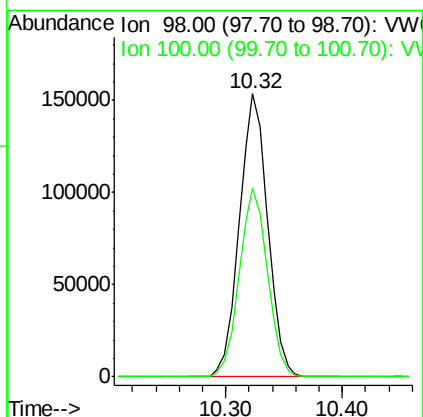
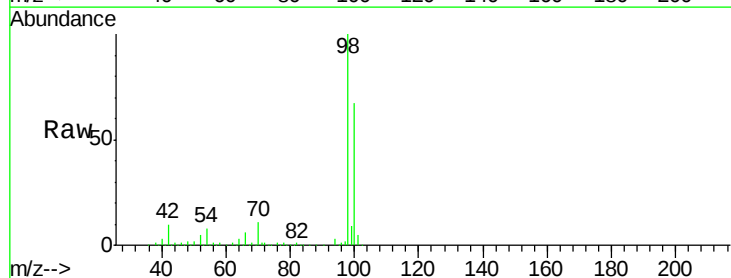
Instrument :
 MSVOA_W
 ClientSampleId :
 CR-SOIL-PILE

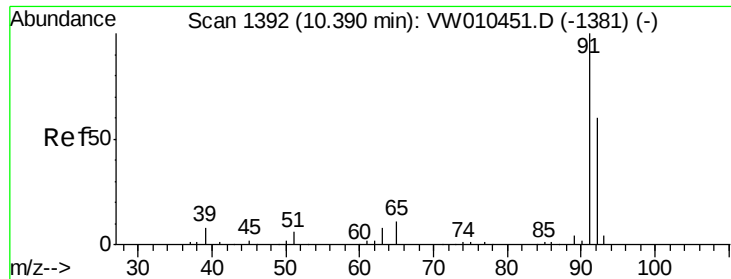
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.0	14.3	21.5



#50
 Toluene-d8
 Concen: 52.634 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010553.D
 Acq: 24 May 2019 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.7	80.5





#52

Toluene

Concen: 2.036 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010553.D

Acq: 24 May 2019 16:27

Instrument :

MSVOA_W

ClientSampled :

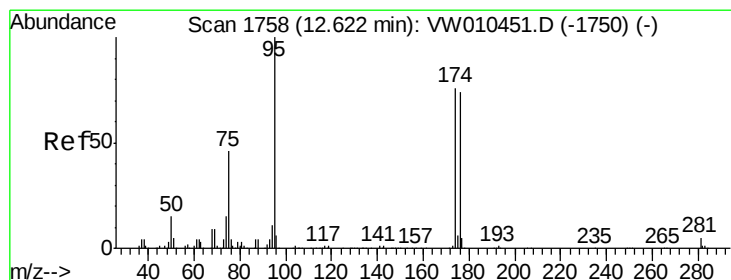
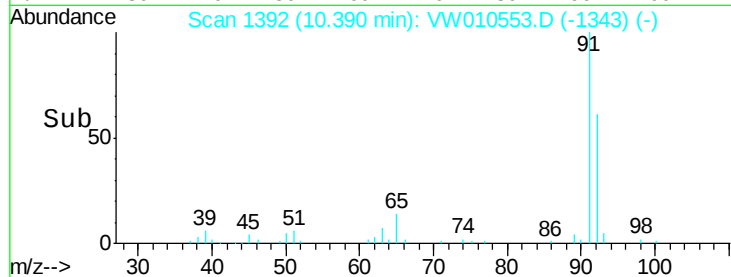
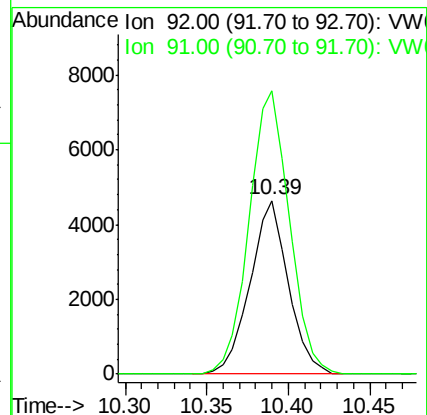
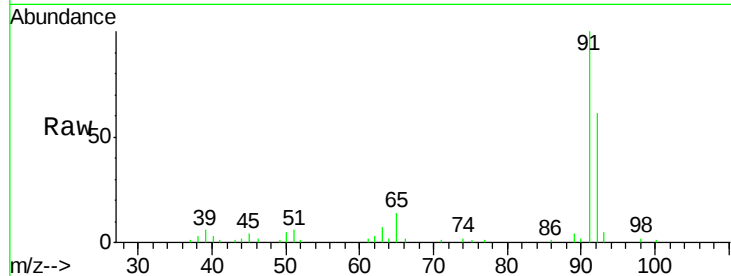
CR-SOIL-PILE

Tot Ion: 92 Resp: 7565

Ion Ratio Lower Upper

92 100

91 171.6 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 49.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010553.D

Acq: 24 May 2019 16:27

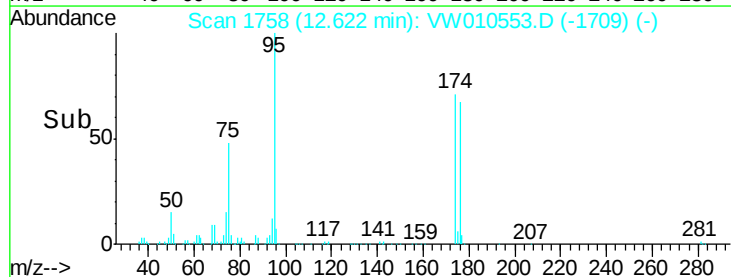
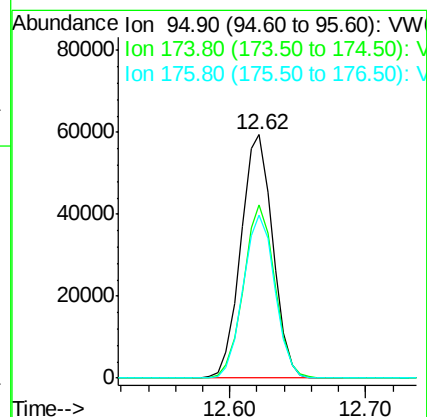
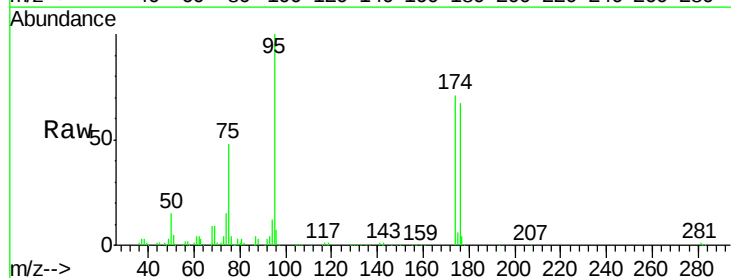
Tgt Ion: 95 Resp: 97327

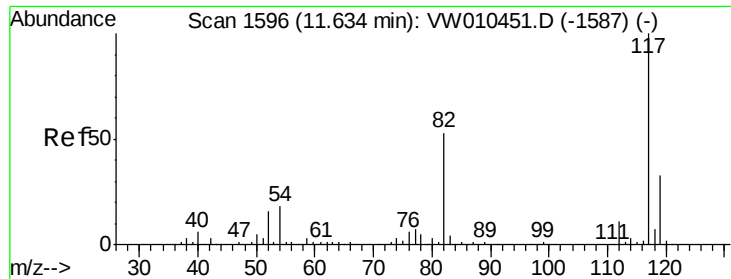
Ion Ratio Lower Upper

95 100

174 69.7 0.0 148.6

176 66.7 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW010553.D

Acq: 24 May 2019 16:27

Instrument :

MSVOA_W

ClientSampleId :

CR-SOIL-PILE

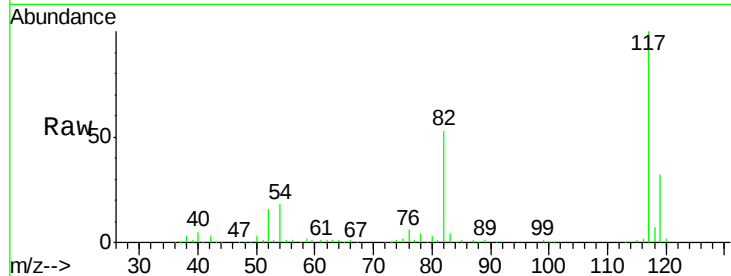
Tot Ion:117 Resp: 189928

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

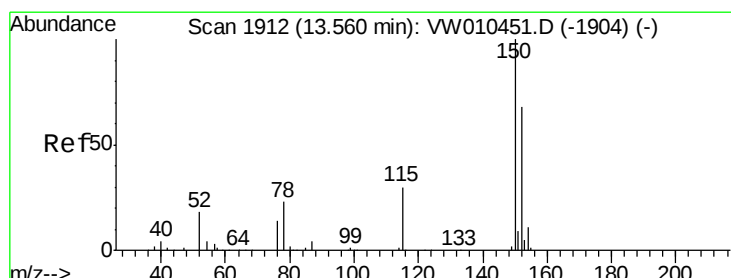
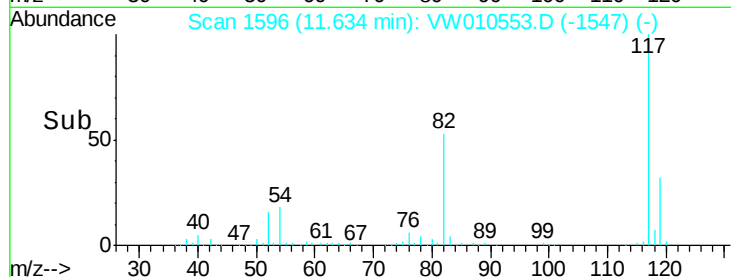
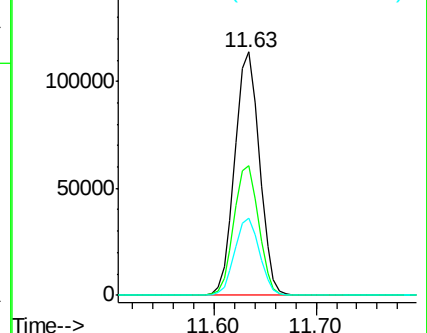
119 31.9 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW010553.D

Acq: 24 May 2019 16:27

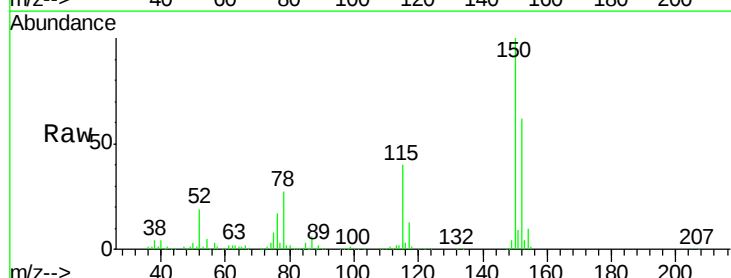
Tgt Ion:152 Resp: 83192

Ion Ratio Lower Upper

152 100

115 63.6 30.3 91.0

150 157.9 0.0 349.8



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

