

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052419\
 Data File : VW010552.D
 Acq On : 24 May 2019 15:59
 Operator : SY/VA
 Sample : K3047-01
 Misc : 7.1G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP

Quant Time: May 25 02:11:06 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

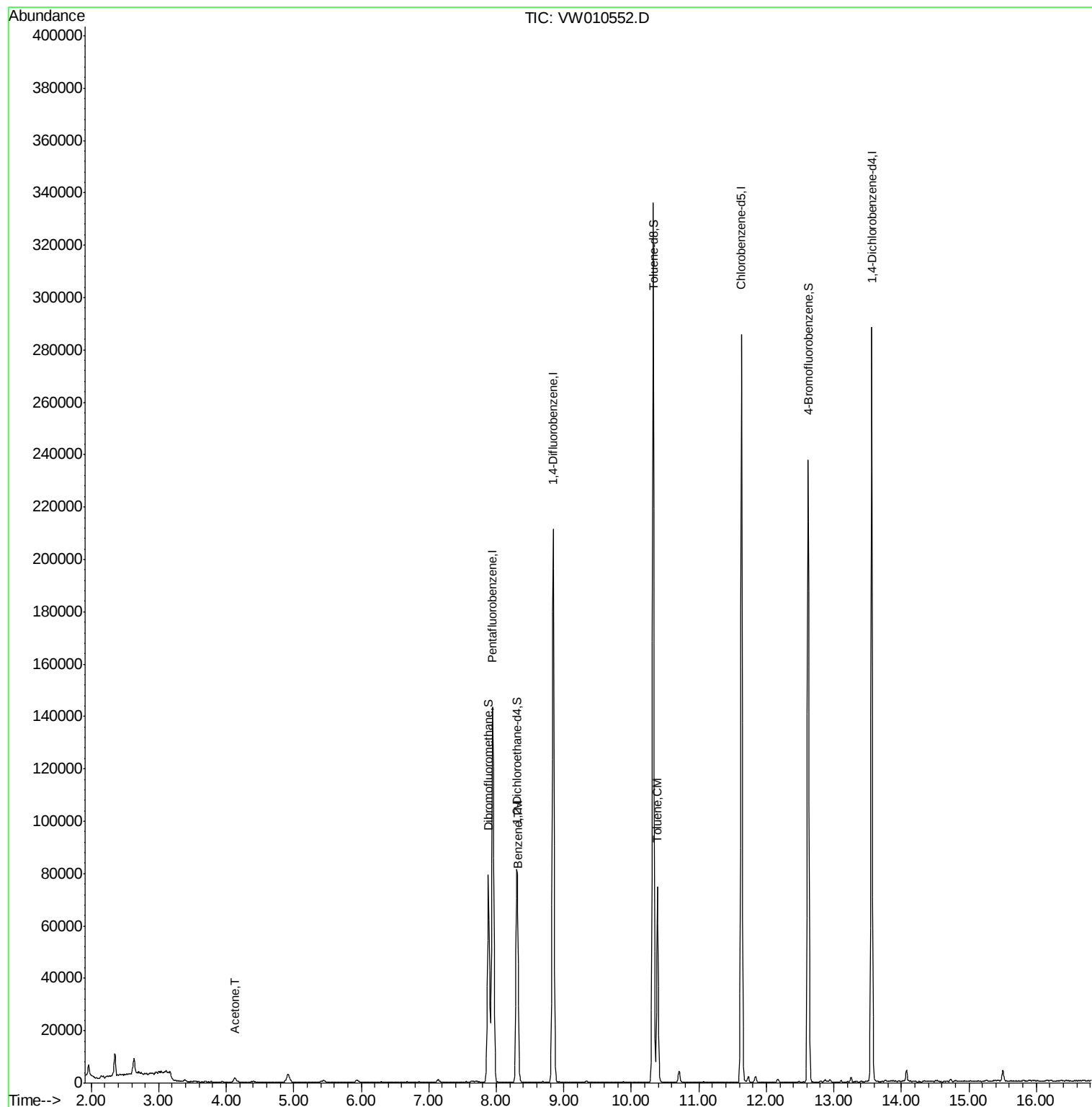
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	187965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62446	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.88	113	56764	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.32	98	230143	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.62	95	86860	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
Target Compounds						
16) Acetone	4.13	43	3156	13.977	ug/l #	73
40) Benzene	8.32	78	6920	1.422	ug/l	98
52) Toluene	10.39	92	33334	10.199	ug/l	98

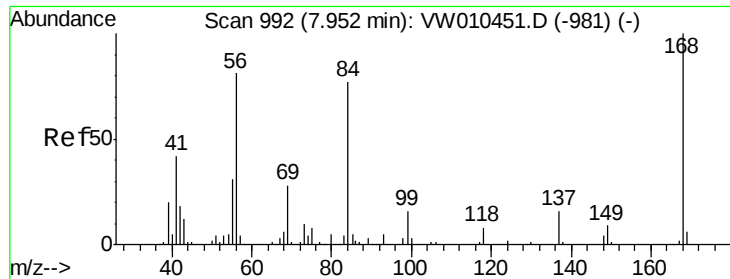
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052419\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010552.D

Acq: 24 May 2019 15:59

Instrument :

MSVOA_W

ClientSampled :

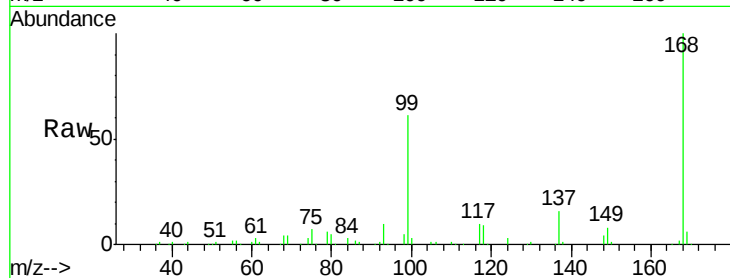
SOIL-COMP

Tot Ion:168 Resp: 107171

Ion Ratio Lower Upper

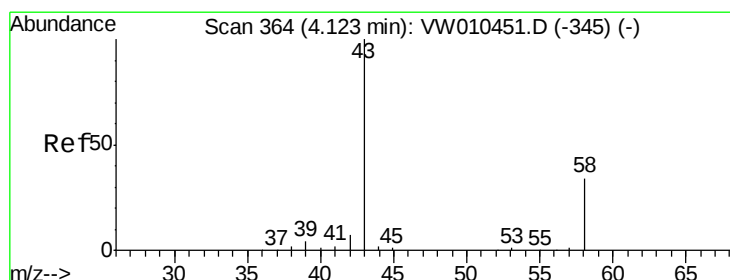
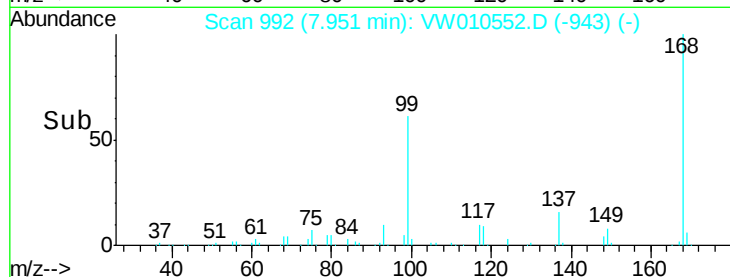
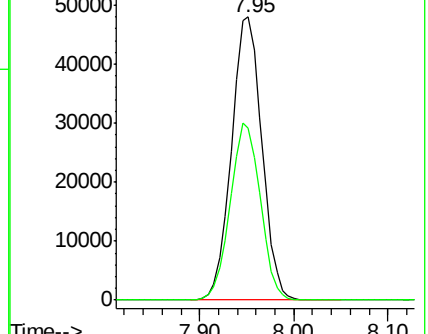
168 100

99 60.8 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: 13.977 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010552.D

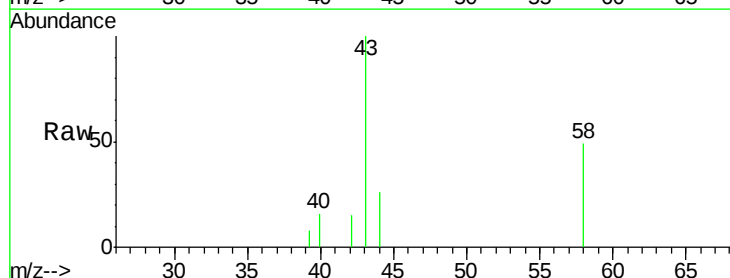
Acq: 24 May 2019 15:59

Tgt Ion: 43 Resp: 3156

Ion Ratio Lower Upper

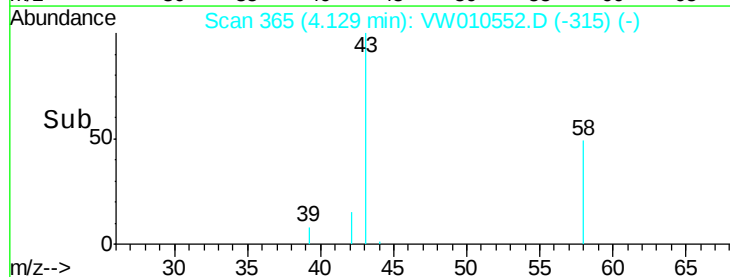
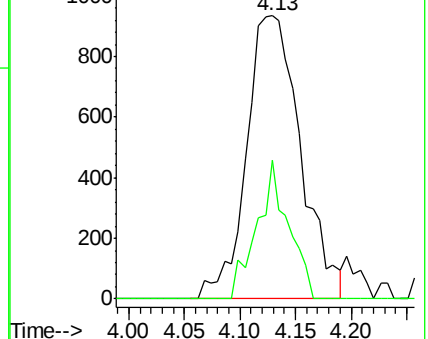
43 100

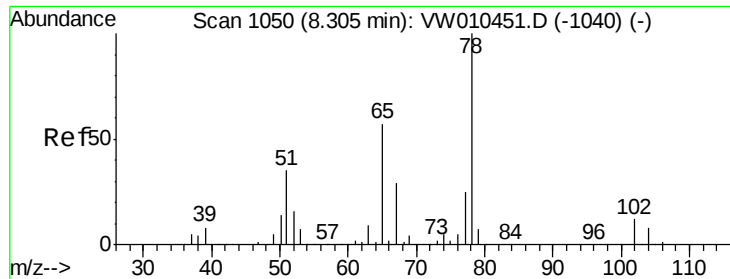
58 48.9 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

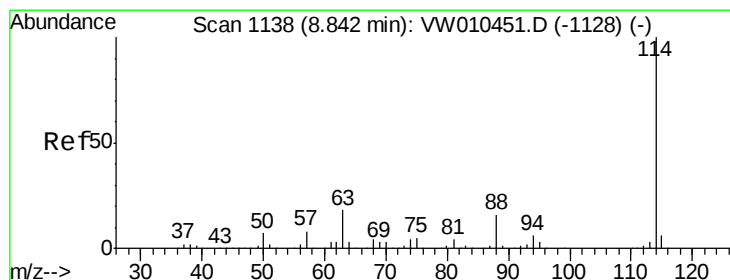
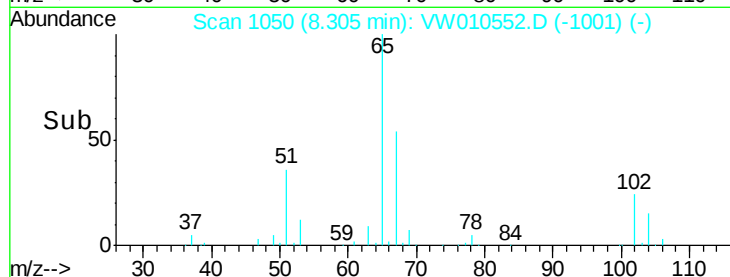
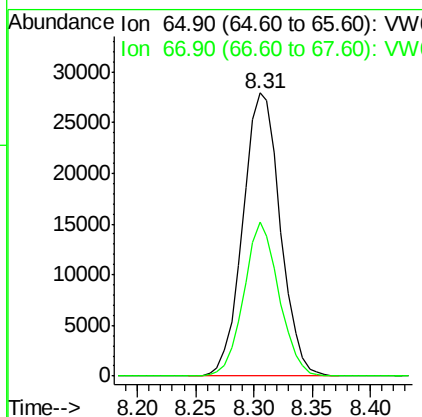
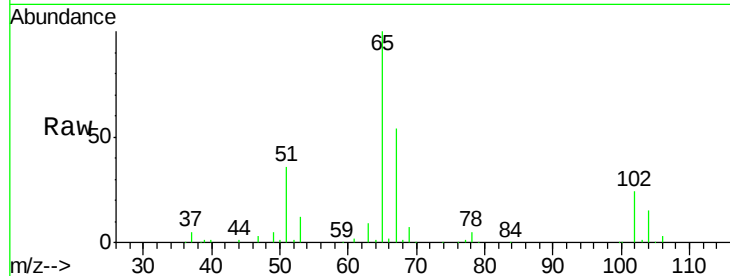




#33
 1,2-Dichloroethane-d4
 Concen: 56.452 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010552.D
 Acq: 24 May 2019 15:59

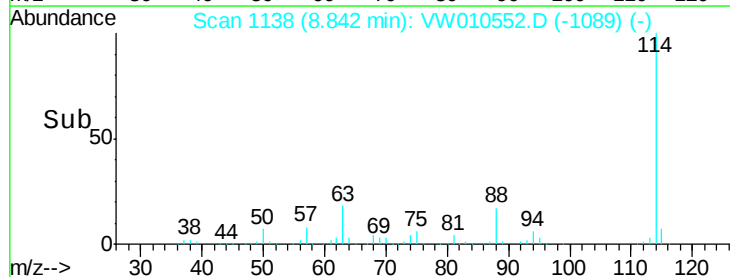
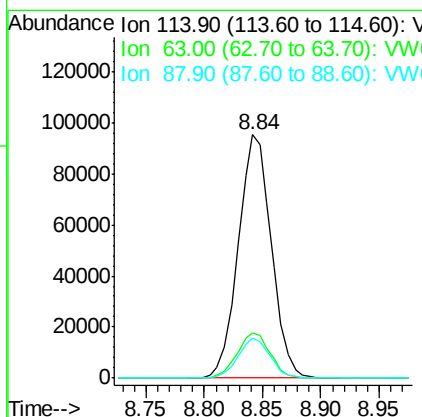
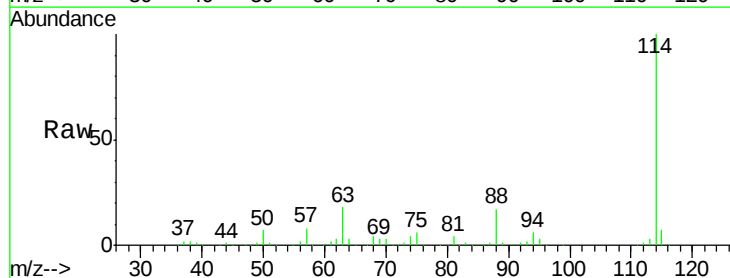
Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP

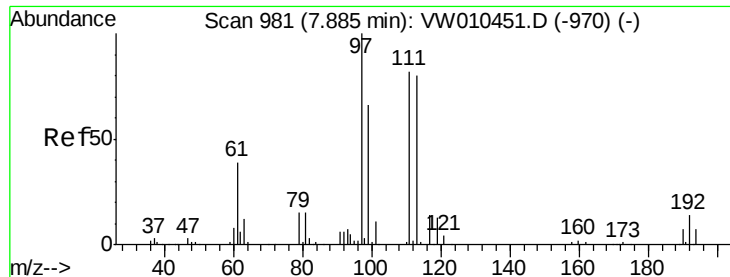
Tot Ion: 65 Resp: 62446
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010552.D
 Acq: 24 May 2019 15:59

Tgt Ion: 114 Resp: 187965
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.770 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010552.D

Acq: 24 May 2019 15:59

Instrument :

MSVOA_W

ClientSampled :

SOIL-COMP

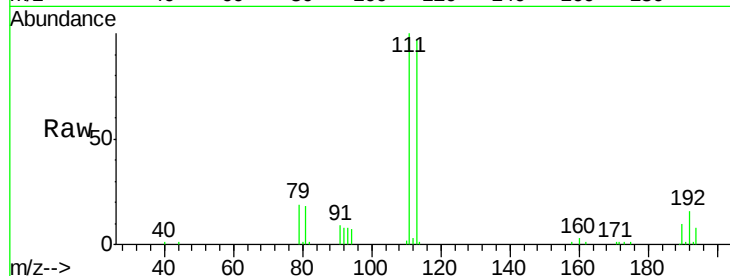
Tot Ion:113 Resp: 56764

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

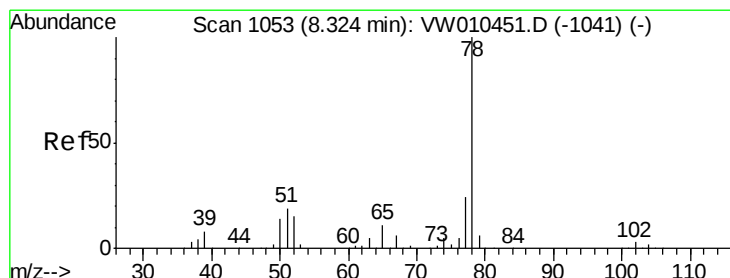
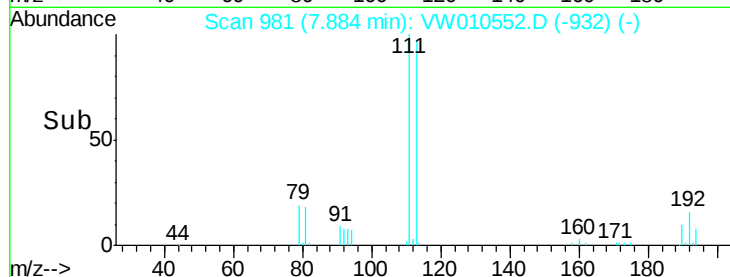
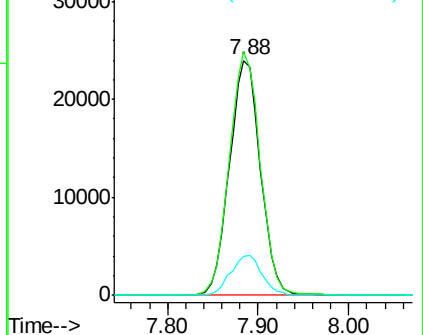
192 17.1 14.3 21.5



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: 1.422 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010552.D

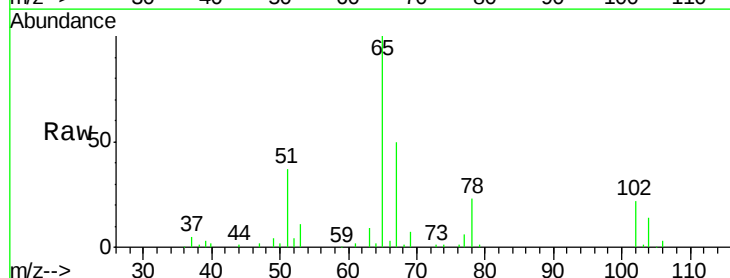
Acq: 24 May 2019 15:59

Tgt Ion: 78 Resp: 6920

Ion Ratio Lower Upper

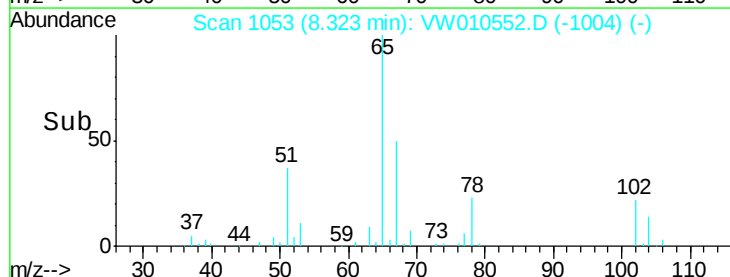
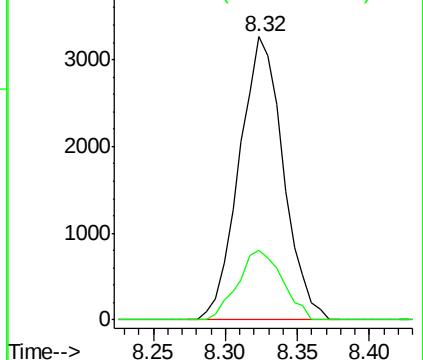
78 100

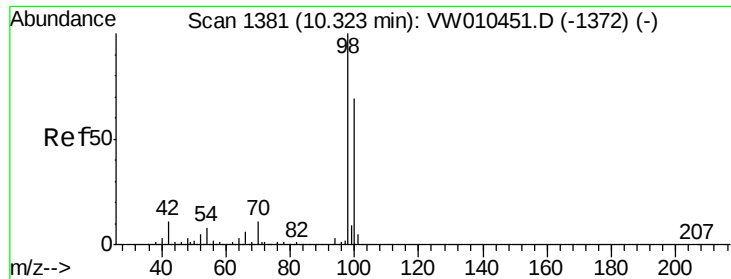
77 24.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 52.820 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010552.D

Acq: 24 May 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

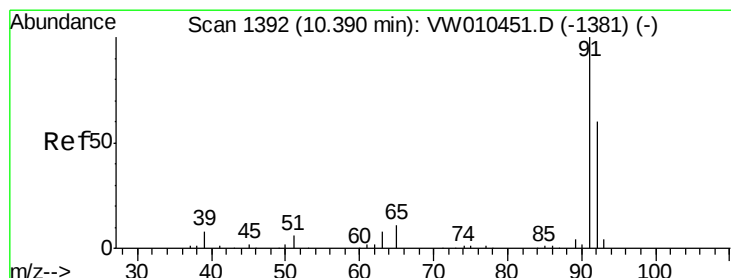
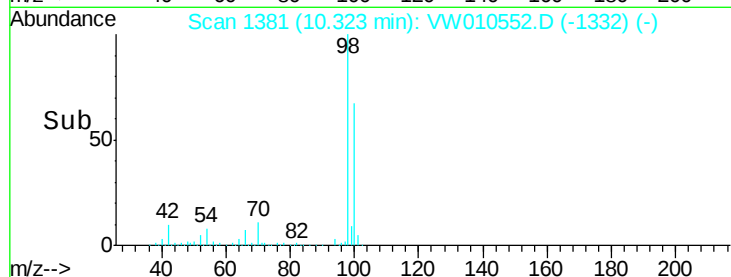
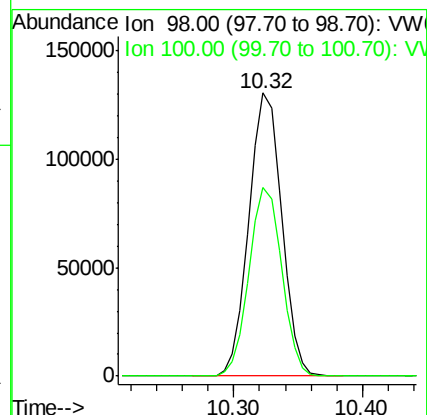
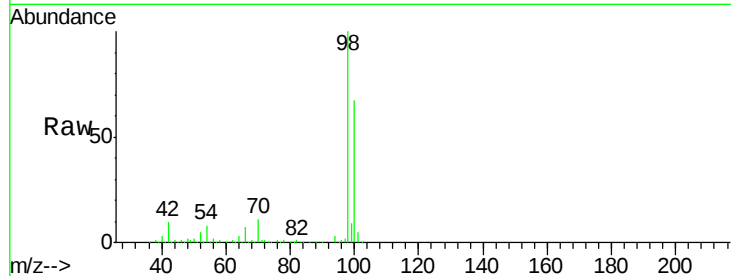
SOIL-COMP

Tot Ion: 98 Resp: 230143

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5



#52

Toluene

Concen: 10.199 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010552.D

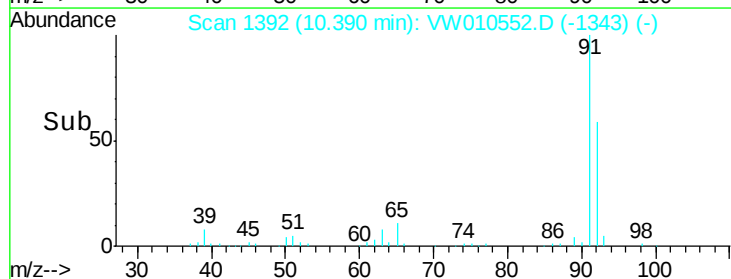
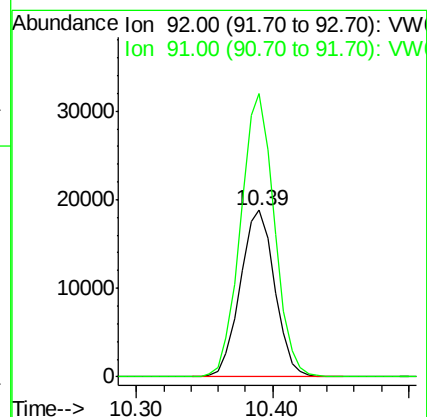
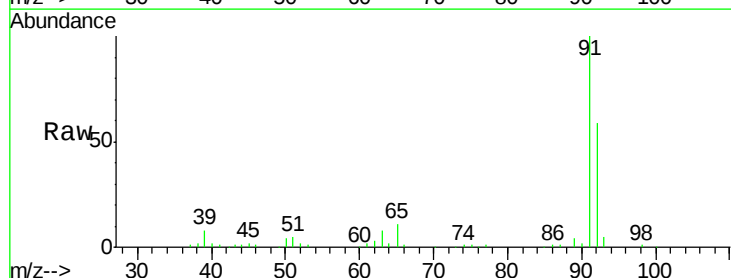
Acq: 24 May 2019 15:59

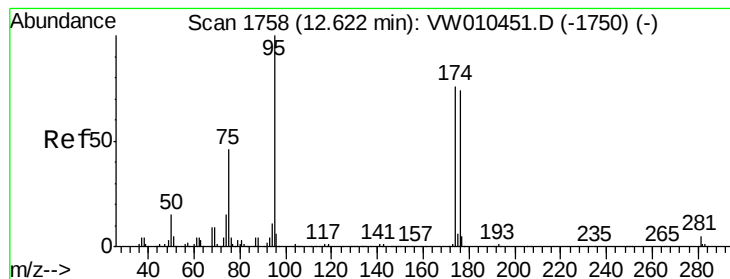
Tgt Ion: 92 Resp: 33334

Ion Ratio Lower Upper

92 100

91 166.5 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 50.049 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010552.D

Acq: 24 May 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

SOIL-COMP

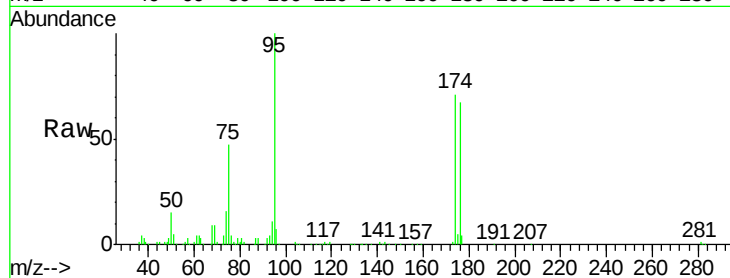
Tot Ion: 95 Resp: 86860

Ion Ratio Lower Upper

95 100

174 68.5 0.0 148.6

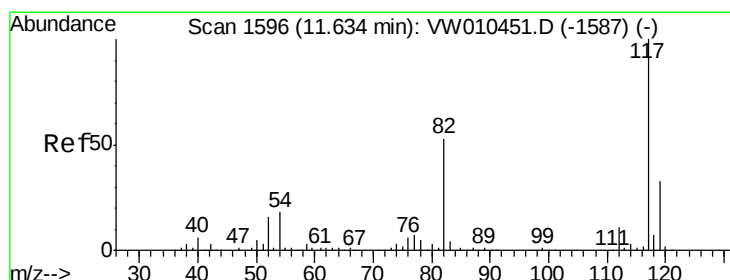
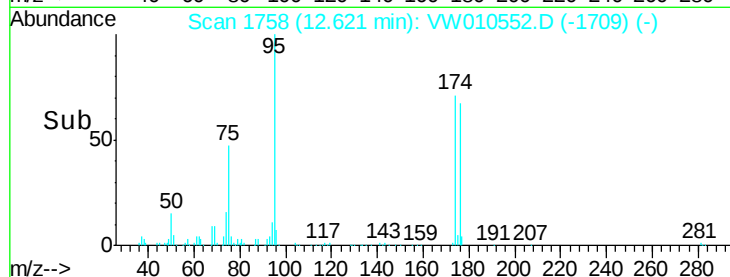
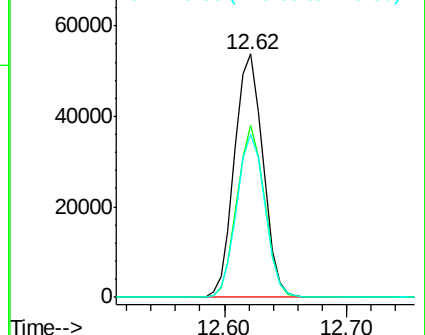
176 66.4 0.0 144.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010552.D

Acq: 24 May 2019 15:59

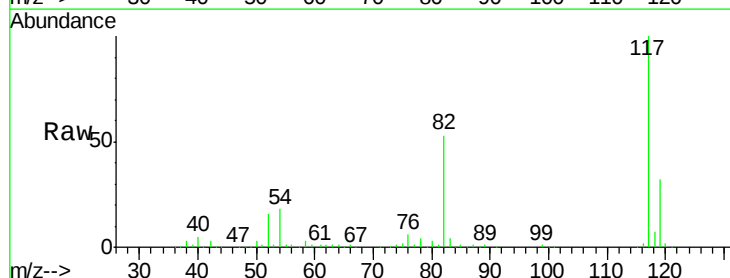
Tgt Ion: 117 Resp: 168018

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

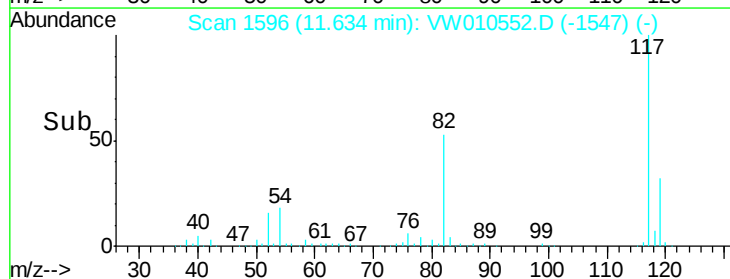
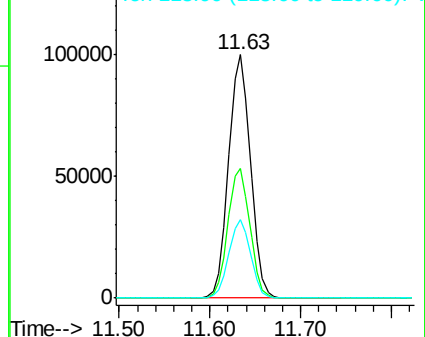
119 32.2 26.3 39.5

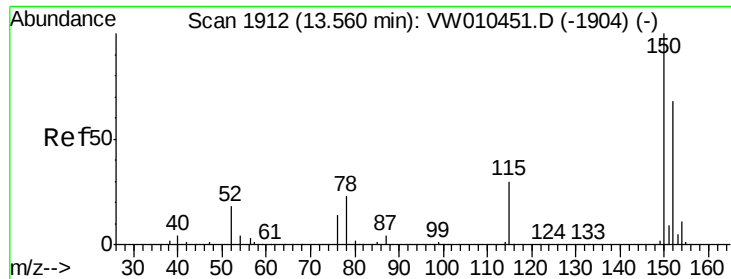


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

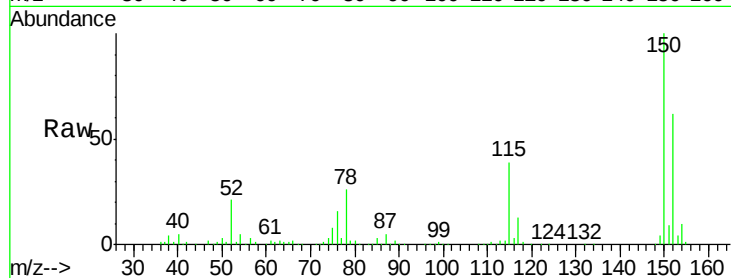




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010552.D
 Acq: 24 May 2019 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SOIL-COMP

Tot Ion:152 Resp: 73601
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.3 91.0
 150 156.8 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

