

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006610.D
 Acq On : 02 Nov 2018 19:08
 Operator : SY/AP
 Sample : J5724-06
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(IN-BUCKET)

Quant Time: Nov 03 00:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

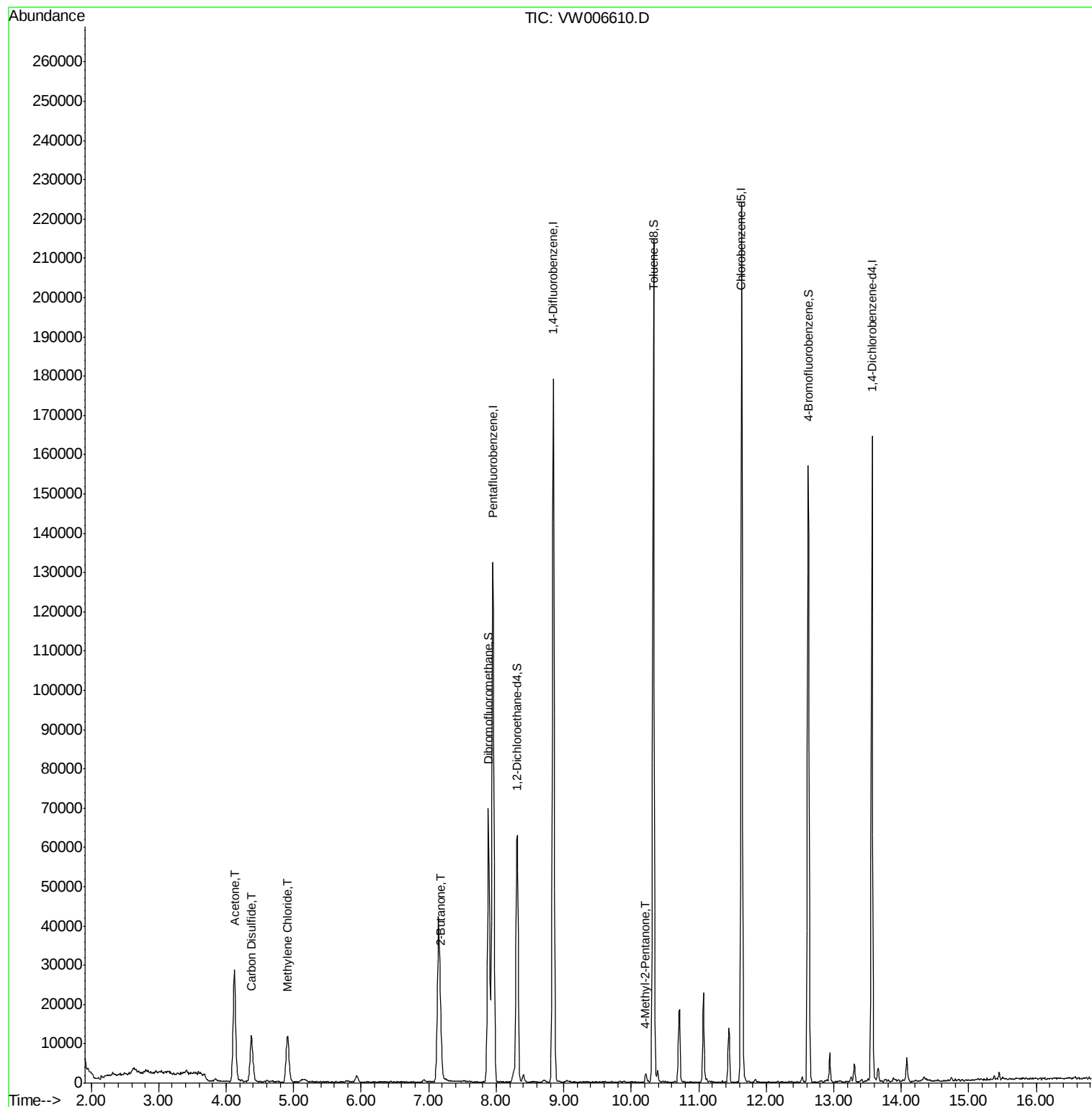
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50989	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	48030	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.33	98	147965	38.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.30%	
62) 4-Bromofluorobenzene	12.62	95	40957	29.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.26%	
Target Compounds						
16) Acetone	4.12	43	48382	312.275	ug/l	98
17) Carbon Disulfide	4.37	76	23030	8.887	ug/l	98
20) Methylene Chloride	4.91	84	9615	4.091	ug/l	96
25) 2-Butanone	7.18	43	11996	54.260	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1529	3.015	ug/l	90

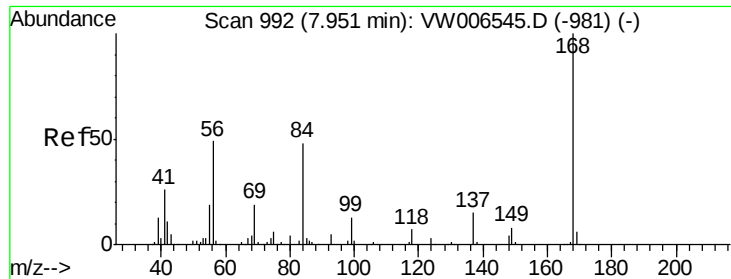
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110418\
Data File : VW006610.D
Acq On : 02 Nov 2018 19:08
Operator : SY/AP
Sample : J5724-06
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

Quant Time: Nov 03 00:08:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
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: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

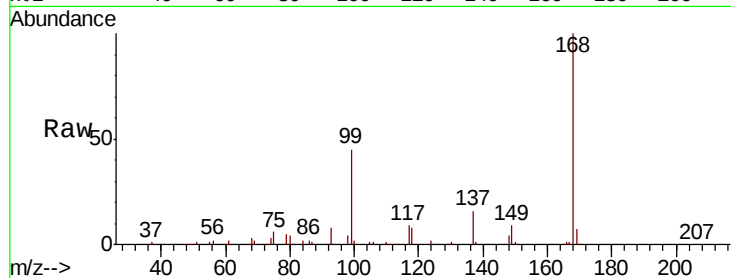
DARK-SOIL(IN-BUCKET)

Tot Ion:168 Resp: 111639

Ion Ratio Lower Upper

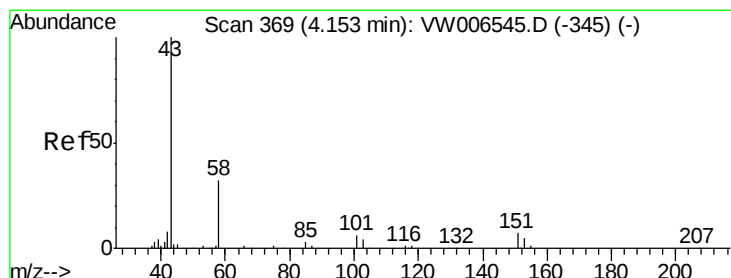
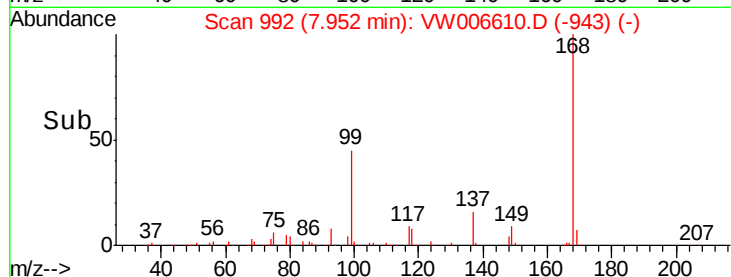
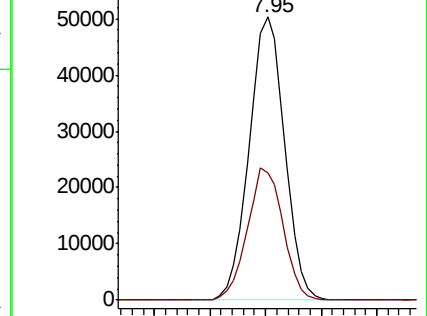
168 100

99 45.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 312.275 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006610.D

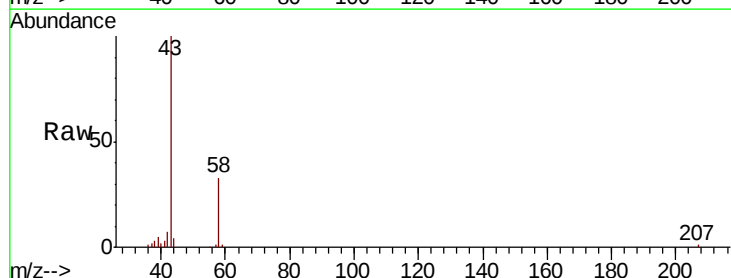
Acq: 02 Nov 2018 19:08

Tgt Ion: 43 Resp: 48382

Ion Ratio Lower Upper

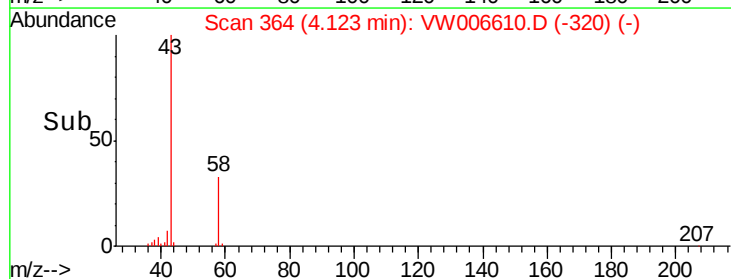
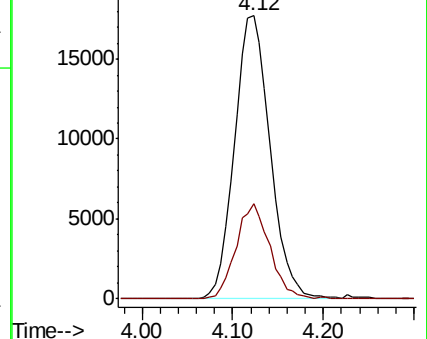
43 100

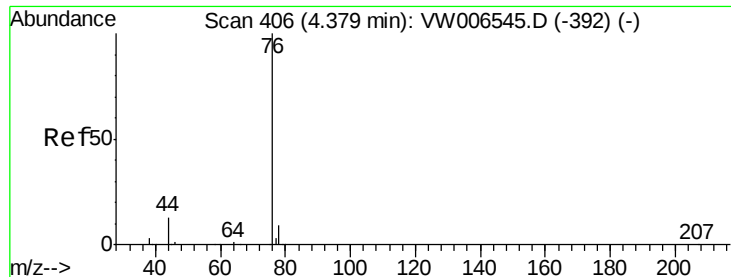
58 33.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 8.887 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

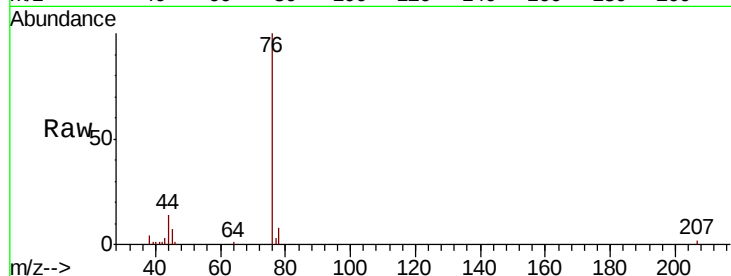
DARK-SOIL(IN-BUCKET)

Tot Ion: 76 Resp: 23030

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

8000

6000

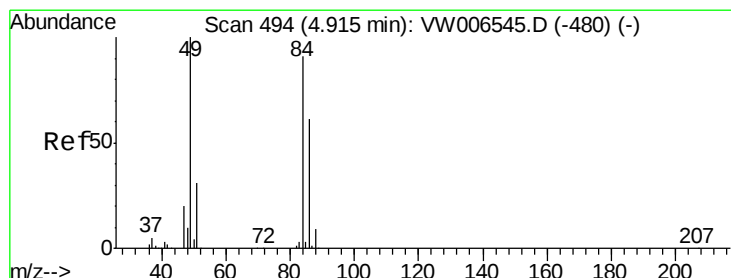
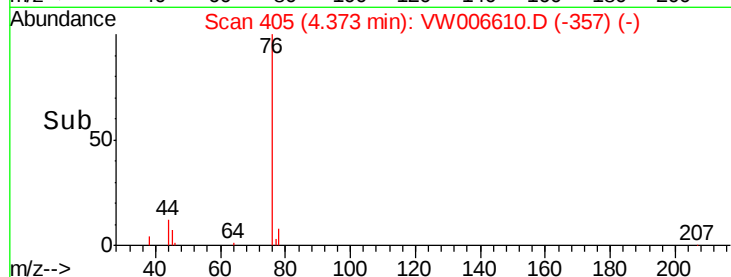
4000

2000

0

Time-->

4.30 4.40 4.50



#20

Methylene Chloride

Concen: 4.091 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Tgt Ion: 84 Resp: 9615

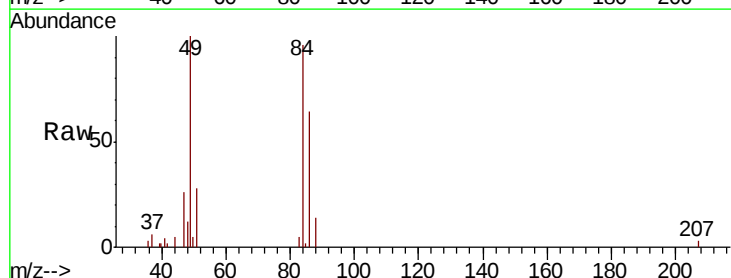
Ion Ratio Lower Upper

84 100

49 104.3 88.2 132.4

51 29.2 27.0 40.6

86 66.6 53.8 80.8



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

4.91

5000

4000

3000

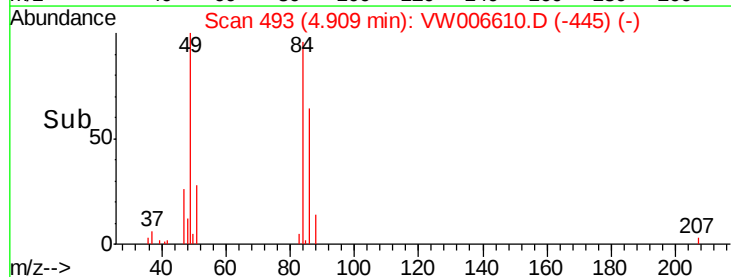
2000

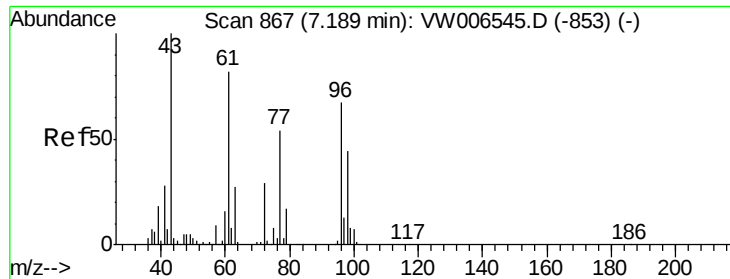
1000

0

Time-->

4.80 4.90 5.00





#25

2-Butanone

Concen: 54.260 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

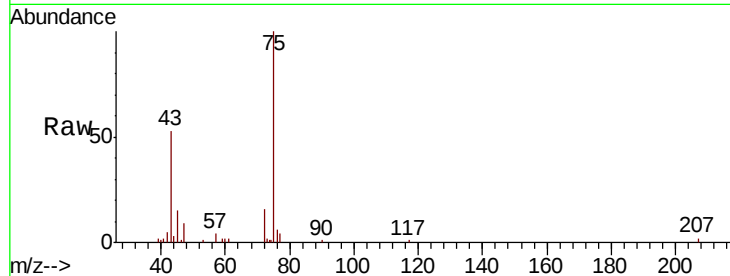
DARK-SOIL(IN-BUCKET)

Tot Ion: 43 Resp: 11996

Ion Ratio Lower Upper

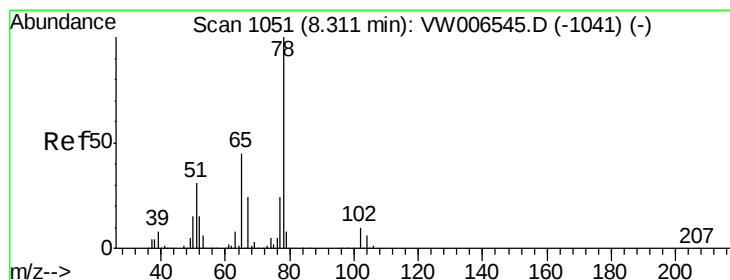
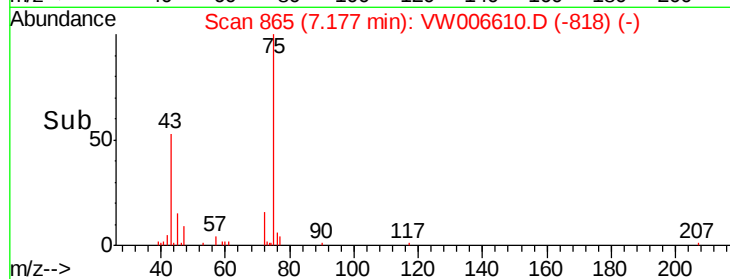
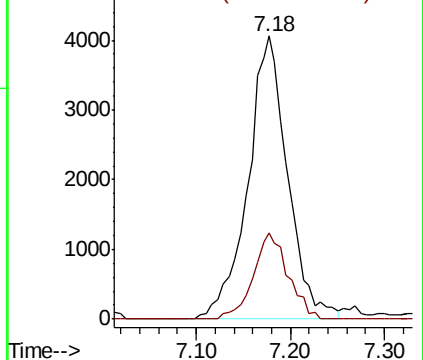
43 100

72 30.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 53.133 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006610.D

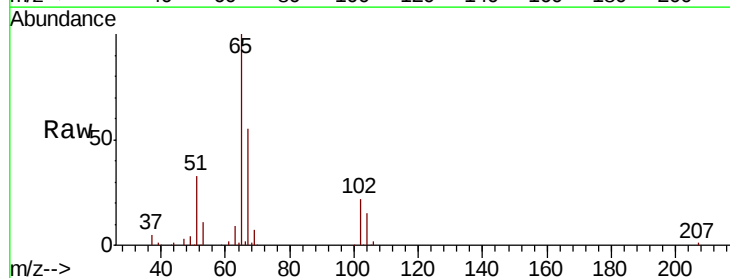
Acq: 02 Nov 2018 19:08

Tgt Ion: 65 Resp: 50989

Ion Ratio Lower Upper

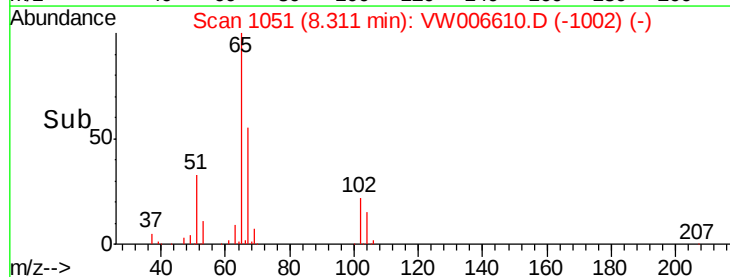
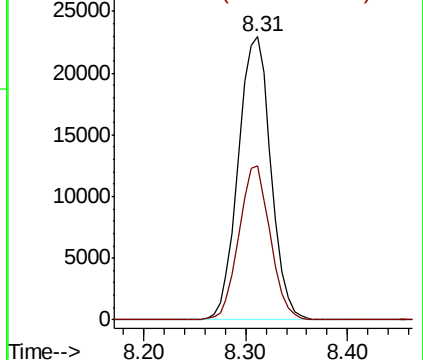
65 100

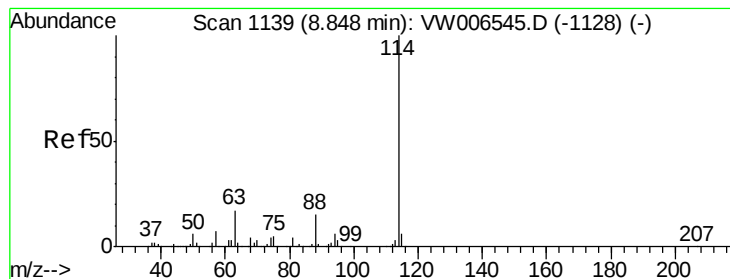
67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(IN-BUCKET)

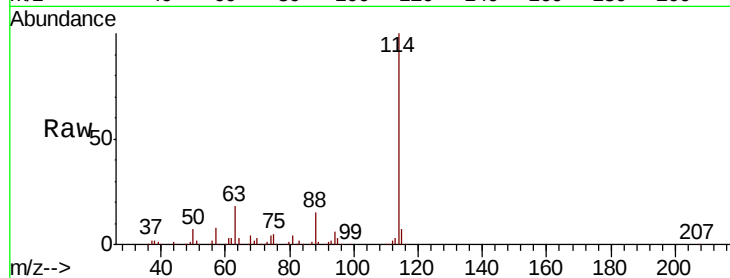
Tot Ion:114 Resp: 162349

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

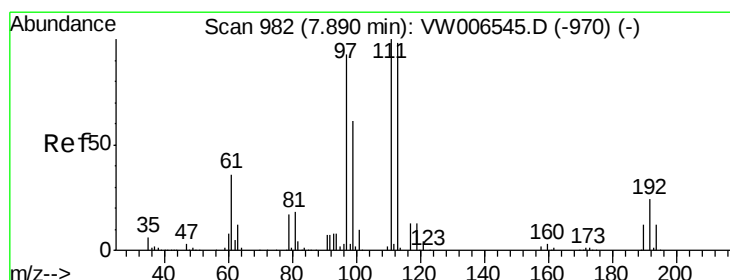
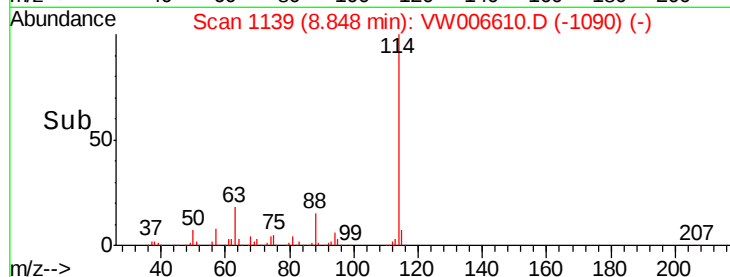
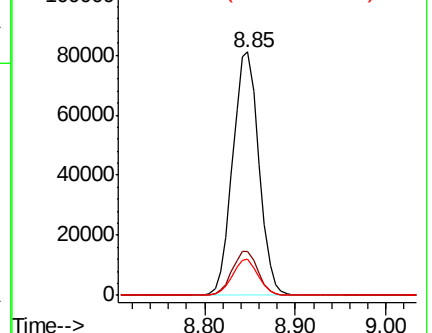
88 14.6 0.0 29.0



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: 47.141 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

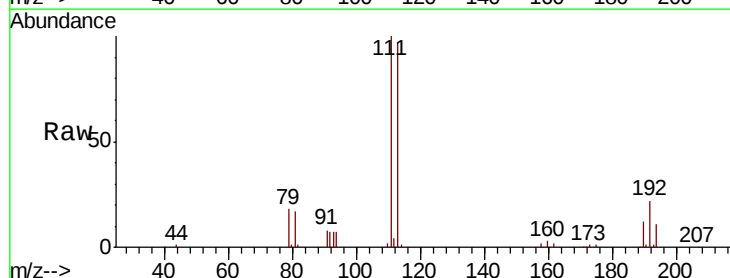
Tgt Ion:113 Resp: 48030

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

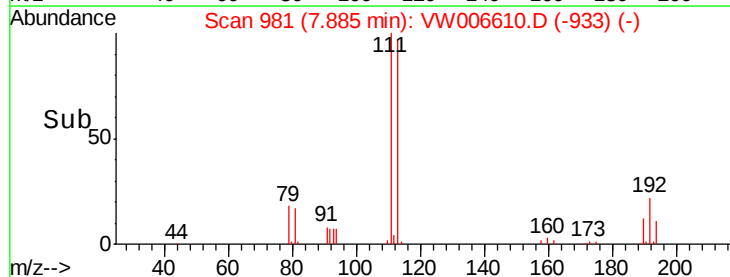
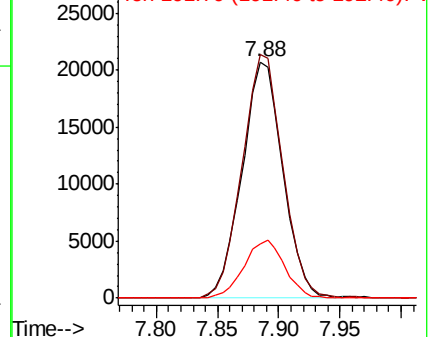
192 24.5 19.0 28.6

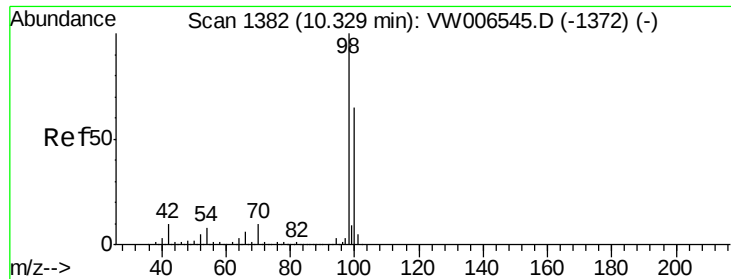


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.149 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

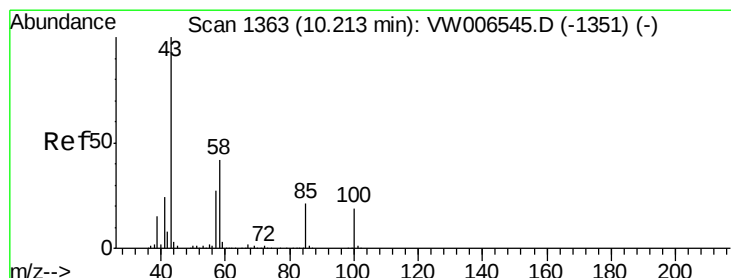
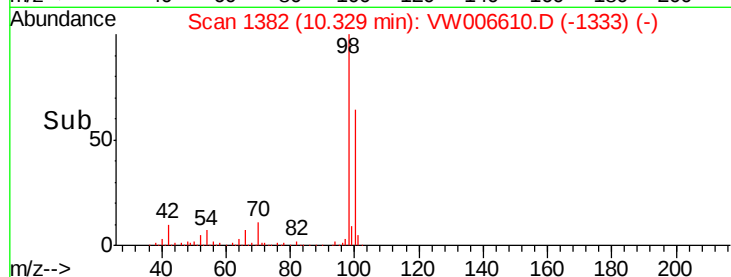
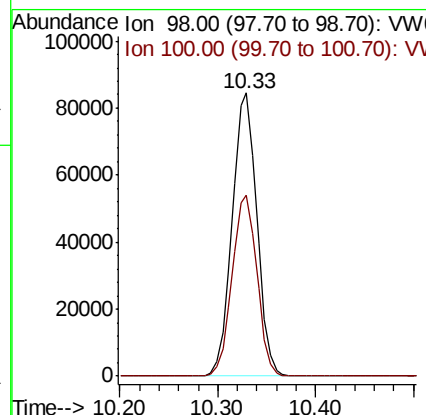
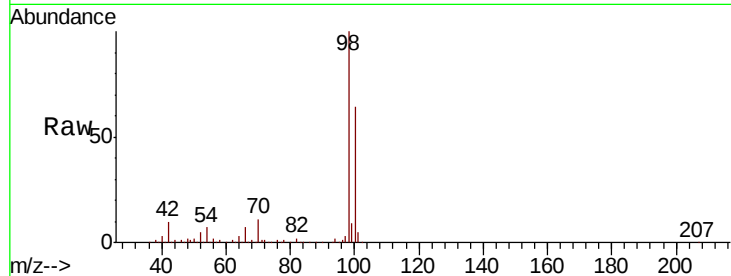
DARK-SOIL(IN-BUCKET)

Tot Ion: 98 Resp: 147965

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 3.015 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006610.D

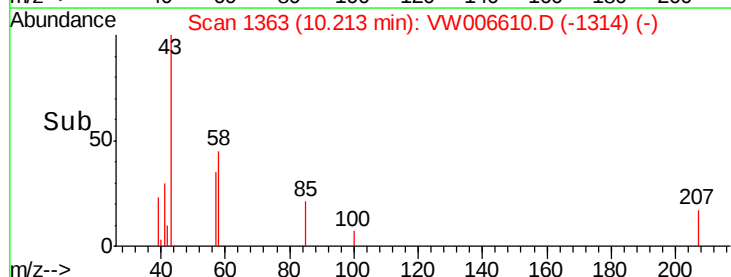
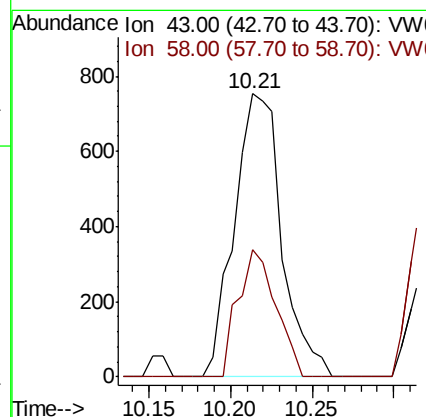
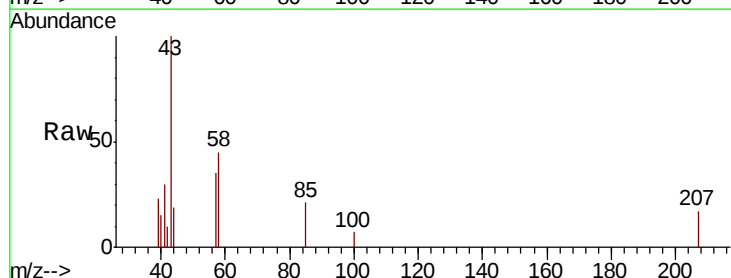
Acq: 02 Nov 2018 19:08

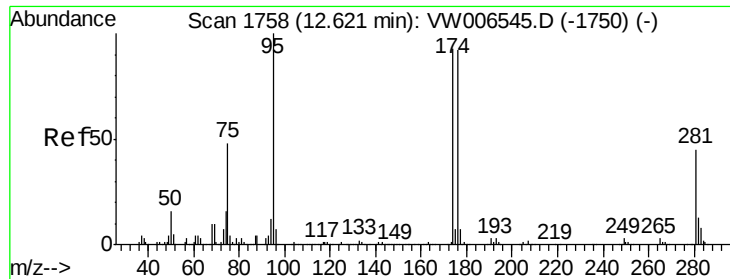
Tgt Ion: 43 Resp: 1529

Ion Ratio Lower Upper

43 100

58 35.6 33.4 50.0

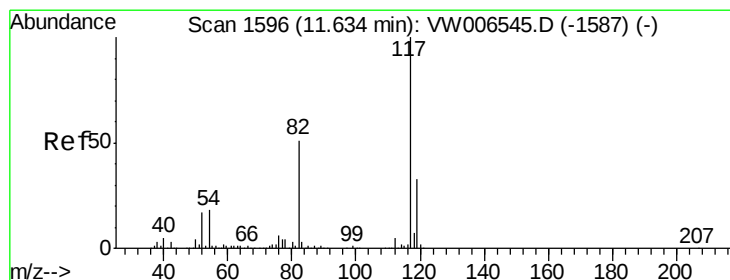
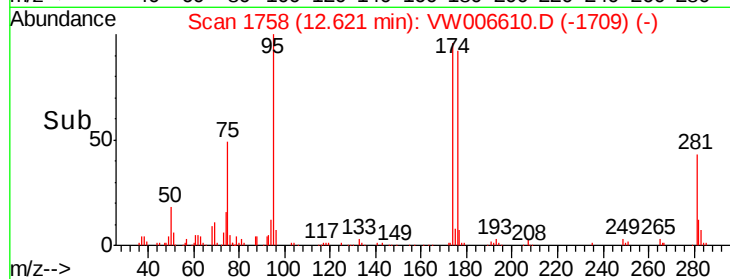
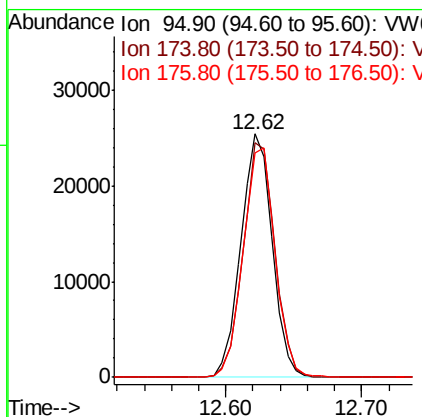
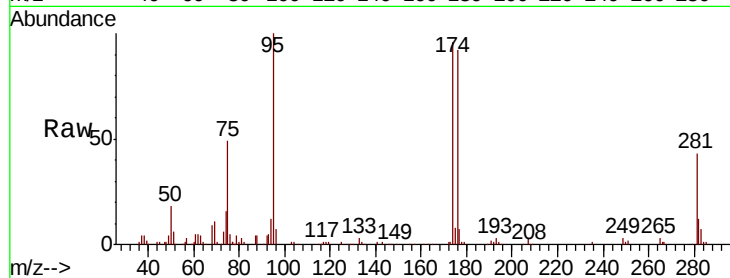




#62
4-Bromofluorobenzene
Concen: 29.127 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

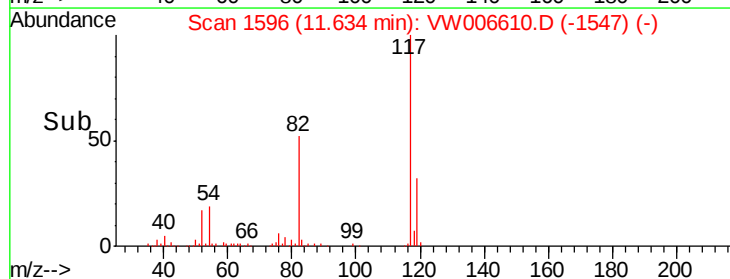
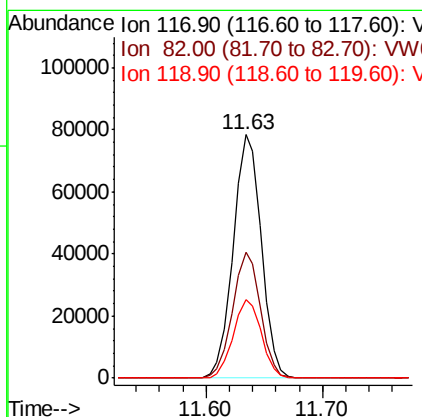
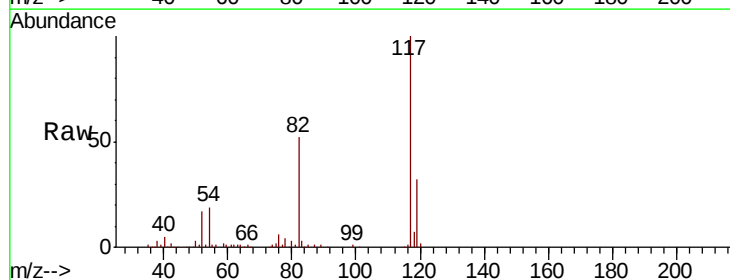
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

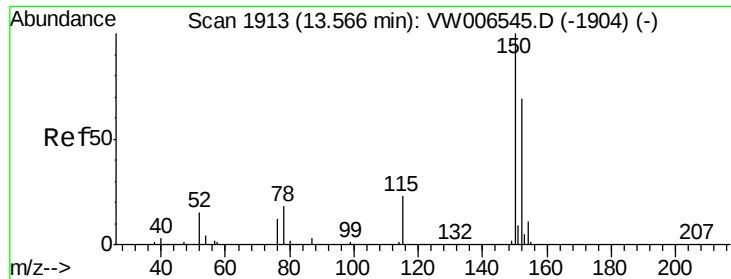
Tot Ion: 95 Resp: 40957
Ion Ratio Lower Upper
95 100
174 97.8 0.0 192.4
176 96.1 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion: 117 Resp: 131979
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(IN-BUCKET)

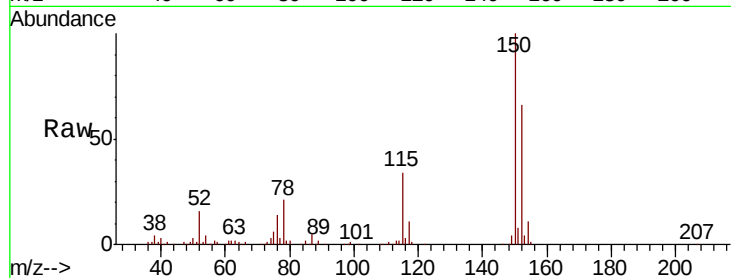
Tot Ion:152 Resp: 47442

Ion Ratio Lower Upper

152 100

115 52.6 26.6 79.8

150 153.2 0.0 344.6



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

