

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006605.D
 Acq On : 02 Nov 2018 16:58
 Operator : SY/AP
 Sample : J5724-01
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)

Quant Time: Nov 02 23:59:35 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

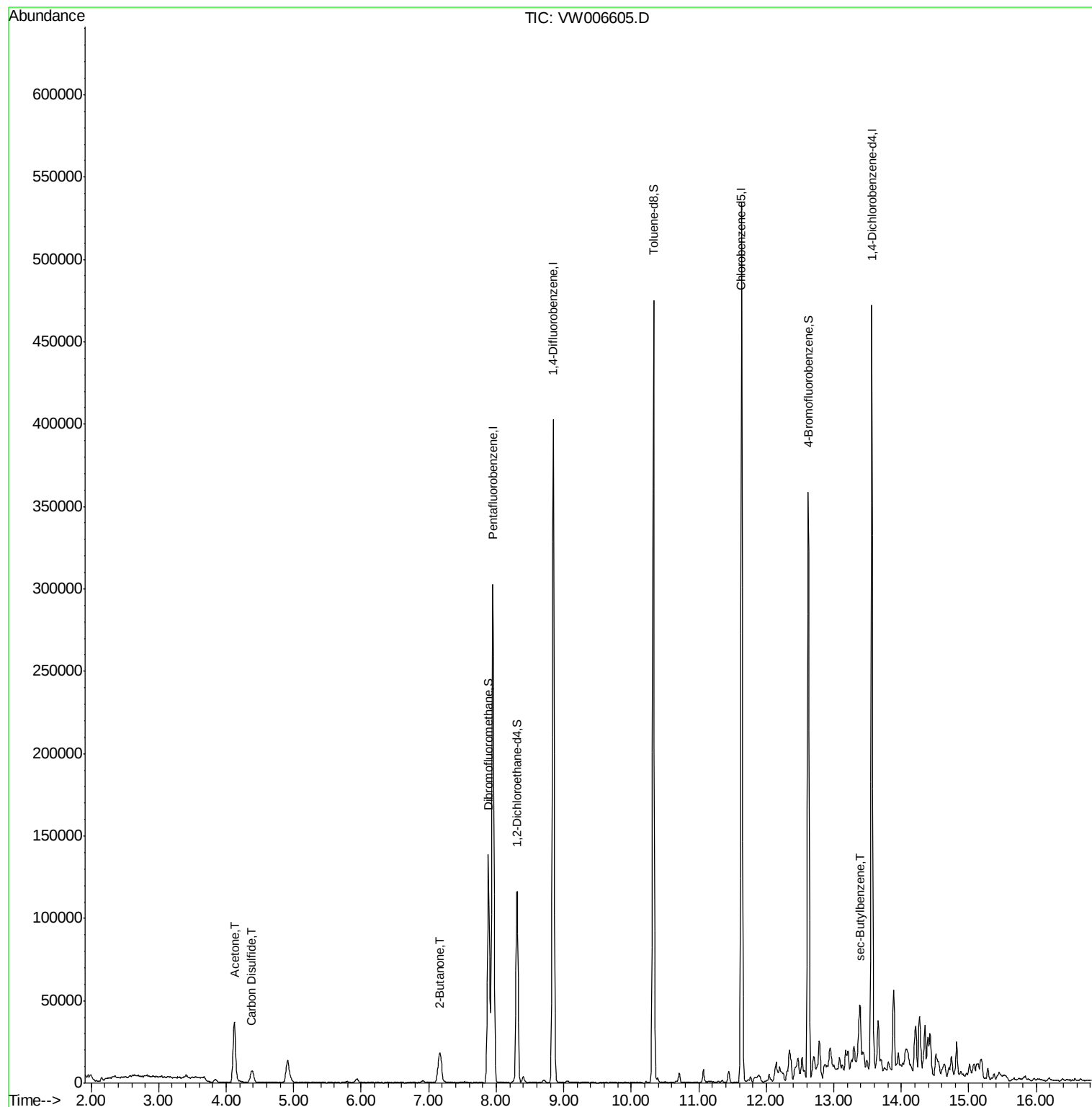
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90372	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
35) Dibromofluoromethane	7.88	113	95613	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.36%	
50) Toluene-d8	10.32	98	333481	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	
62) 4-Bromofluorobenzene	12.62	95	103113	32.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.14%	
Target Compounds						
16) Acetone	4.12	43	62933	179.152	ug/l	98
17) Carbon Disulfide	4.37	76	14515	2.470	ug/l	98
25) 2-Butanone	7.17	43	20645	41.186	ug/l	94
85) sec-Butylbenzene	13.39	105	21192	2.263	ug/l #	62

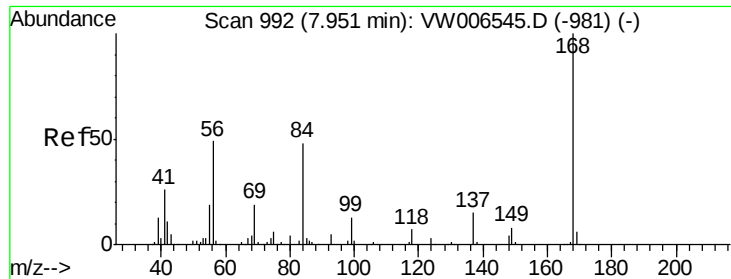
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006605.D

Acq: 02 Nov 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

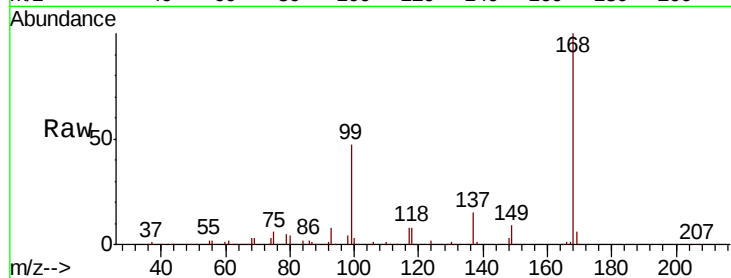
DARK-SOIL(NEAR-BERM)

Tot Ion:168 Resp: 253120

Ion Ratio Lower Upper

168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

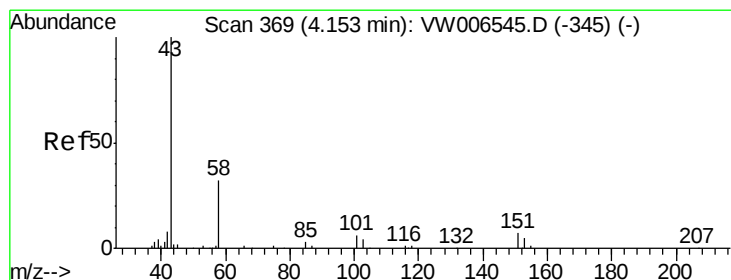
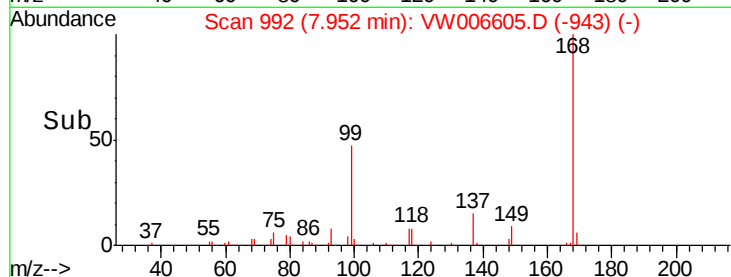
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 179.152 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006605.D

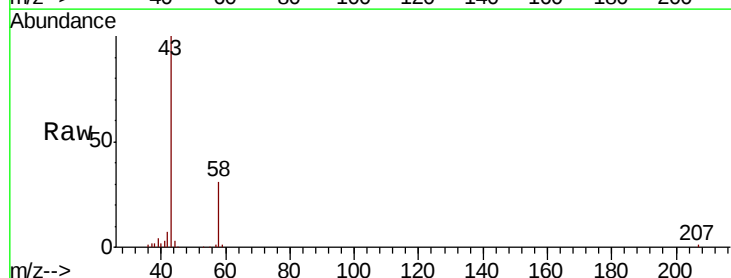
Acq: 02 Nov 2018 16:58

Tgt Ion: 43 Resp: 62933

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

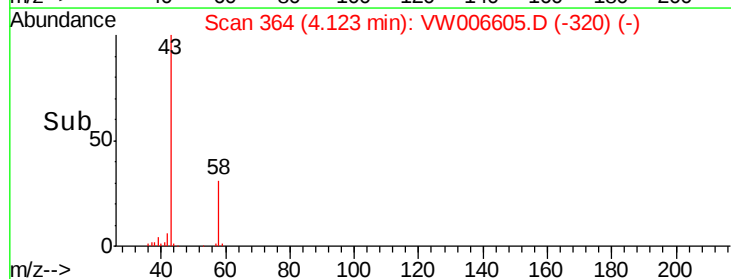
15000

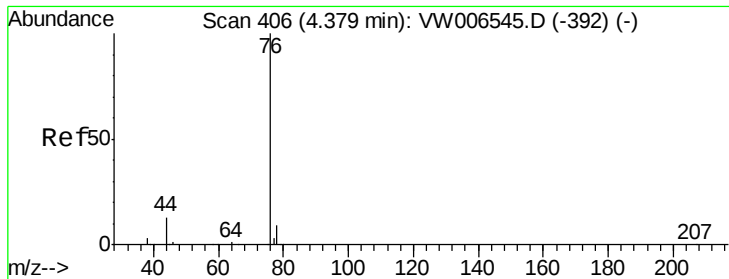
10000

5000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.470 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006605.D

Acq: 02 Nov 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

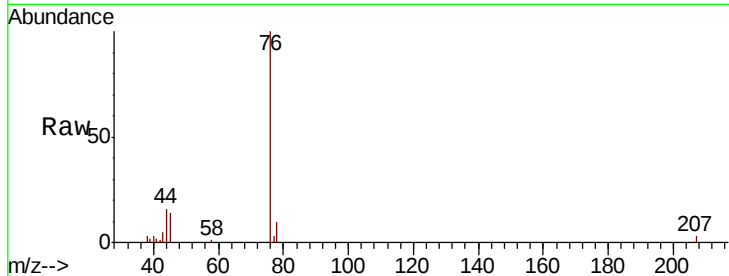
DARK-SOIL(NEAR-BERM)

Tot Ion: 76 Resp: 14515

Ion Ratio Lower Upper

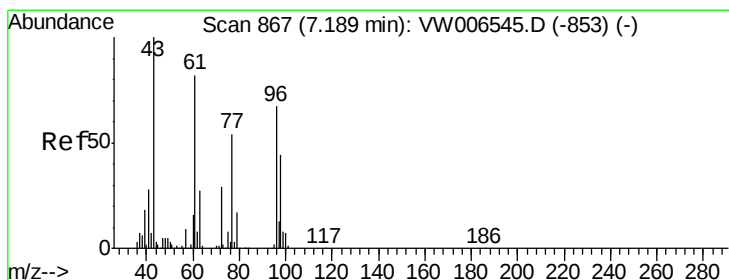
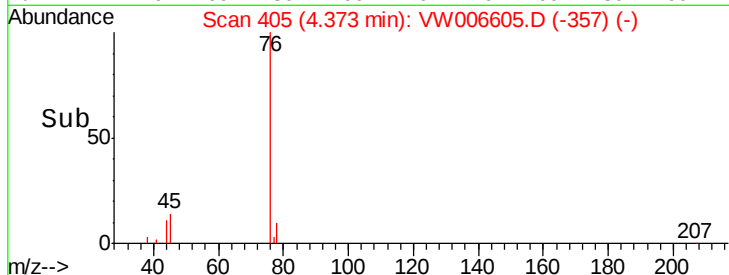
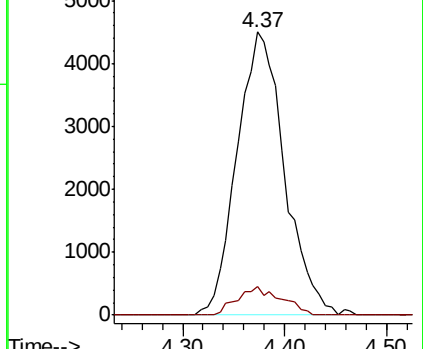
76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 41.186 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006605.D

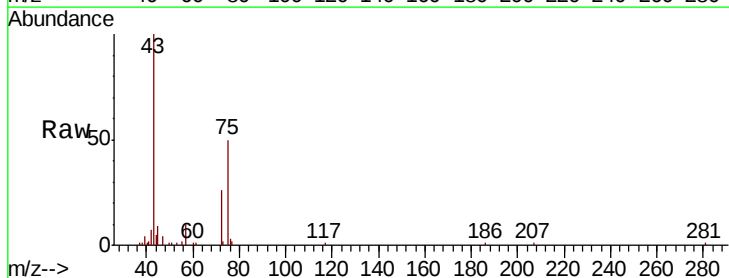
Acq: 02 Nov 2018 16:58

Tgt Ion: 43 Resp: 20645

Ion Ratio Lower Upper

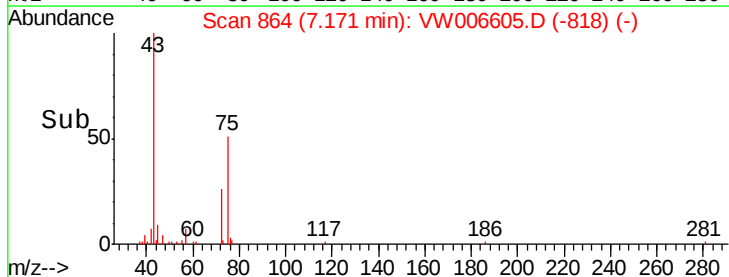
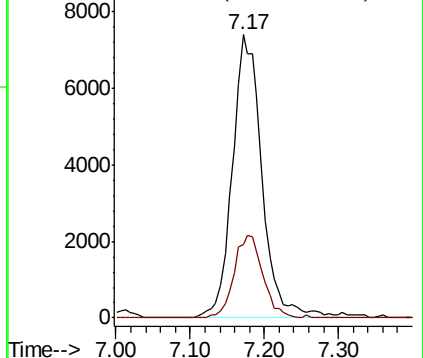
43 100

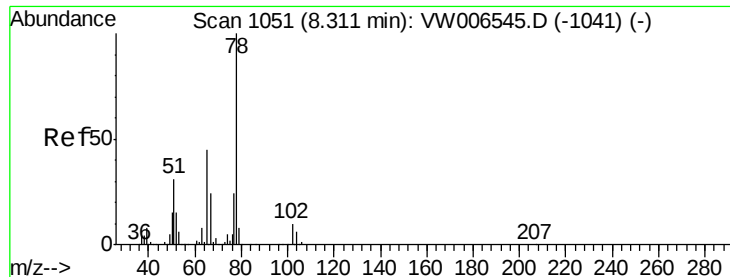
72 25.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

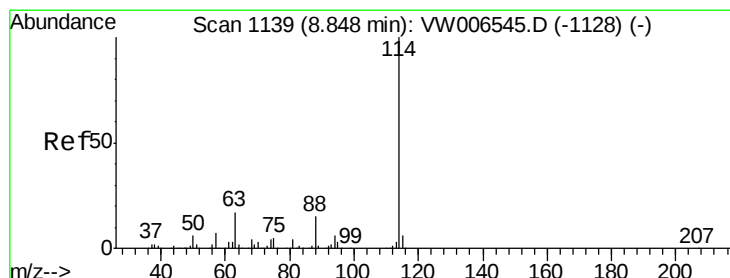
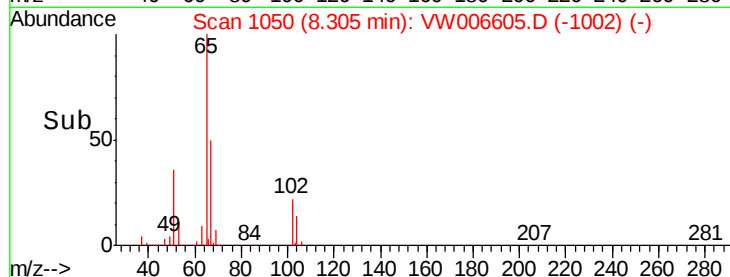
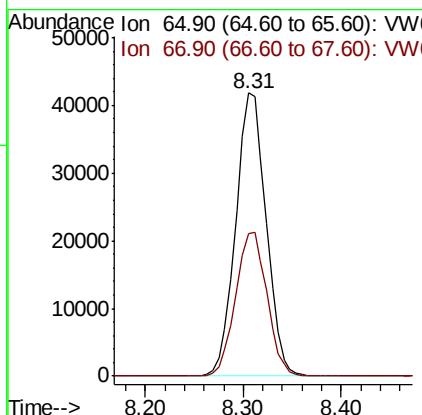
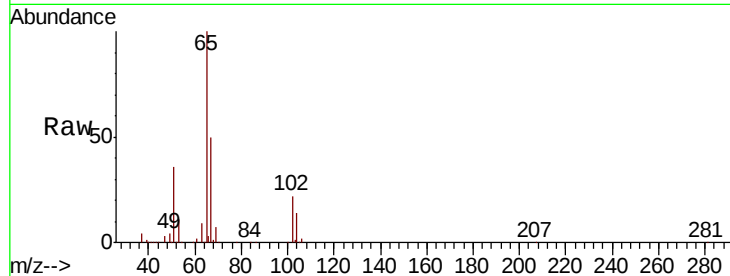




#33
 1,2-Dichloroethane-d4
 Concen: 41.535 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006605.D
 Acq: 02 Nov 2018 16:58

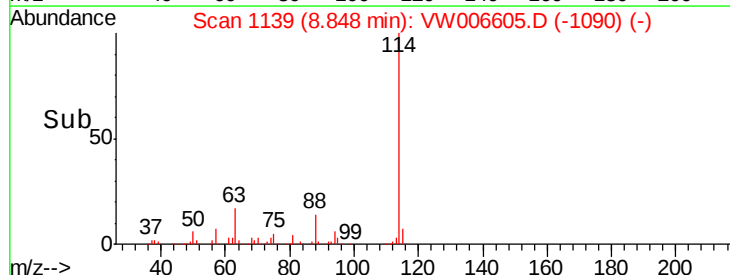
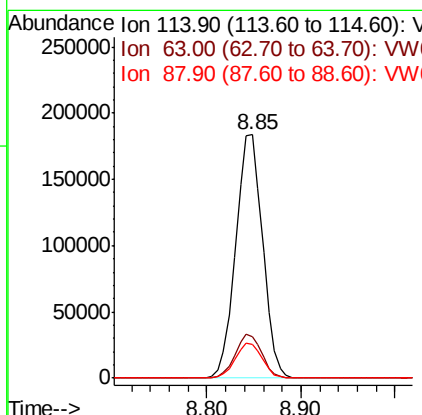
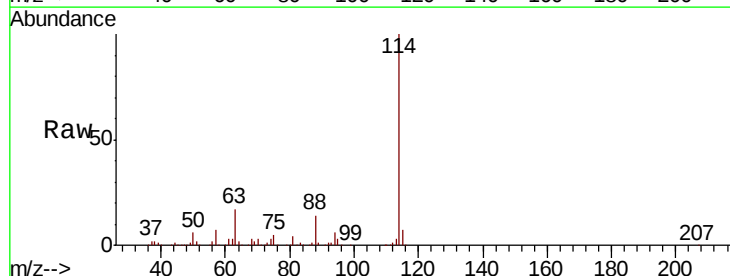
Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)

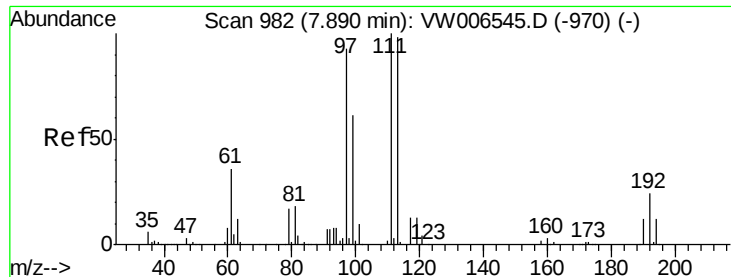
Tot Ion: 65 Resp: 90372
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006605.D
 Acq: 02 Nov 2018 16:58

Tgt Ion: 114 Resp: 365525
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.0 0.0 29.0

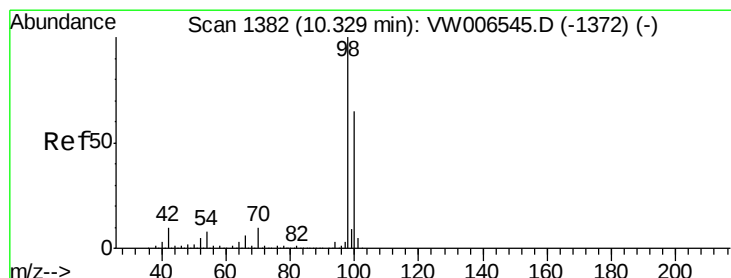
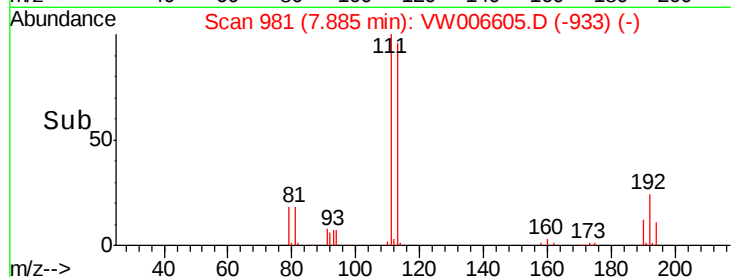
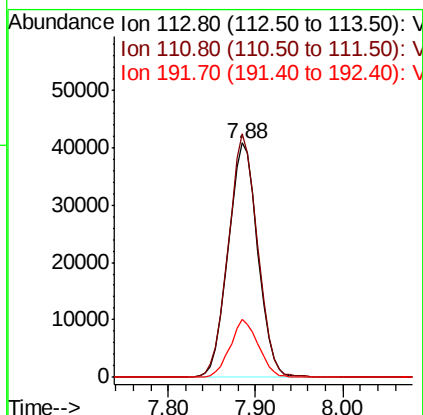
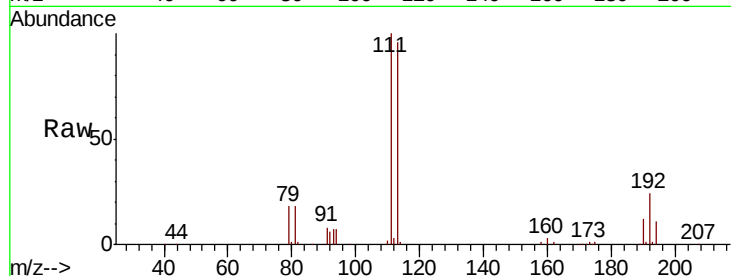




#35
 Dibromofluoromethane
 Concen: 41.680 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006605.D
 Acq: 02 Nov 2018 16:58

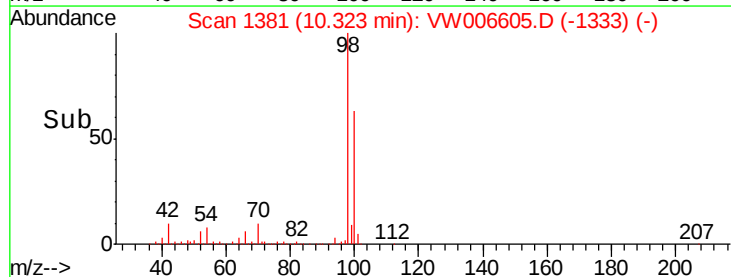
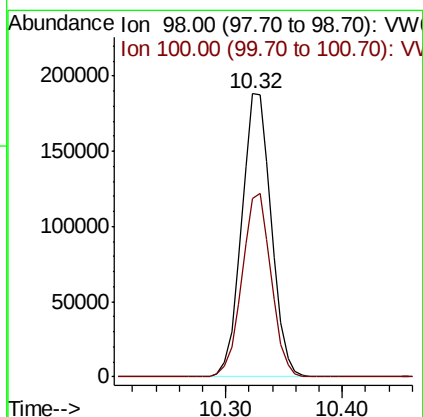
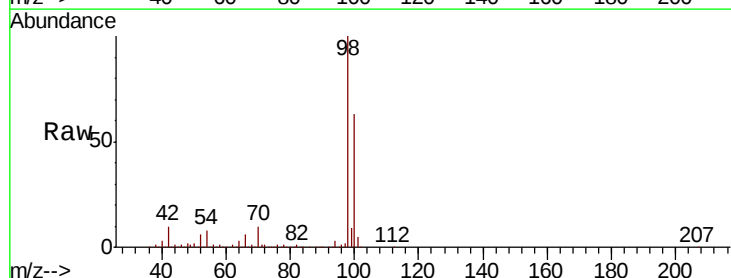
Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)

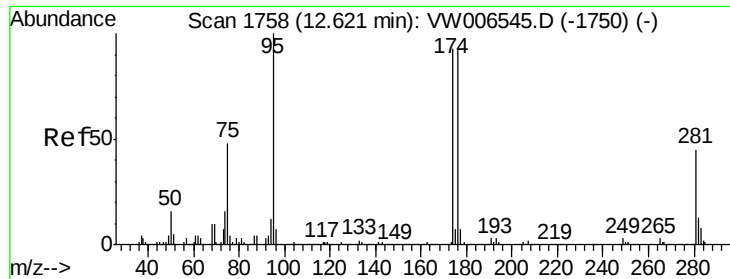
Tot Ion:113 Resp: 95613
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 23.7 19.0 28.6



#50
 Toluene-d8
 Concen: 38.188 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW006605.D
 Acq: 02 Nov 2018 16:58

Tgt Ion: 98 Resp: 333481
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4

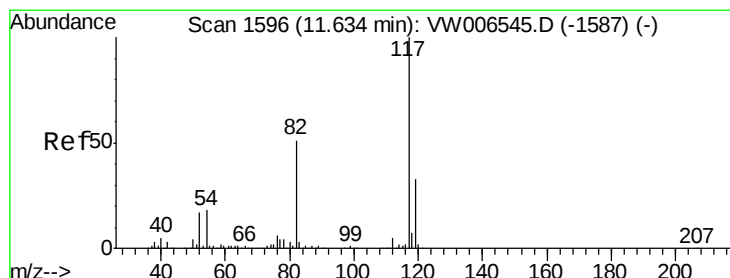
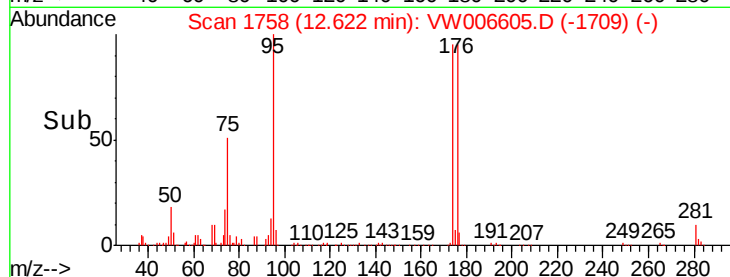
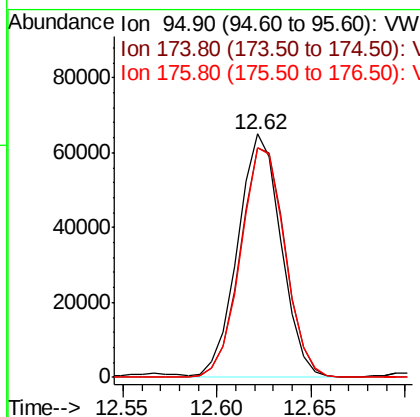
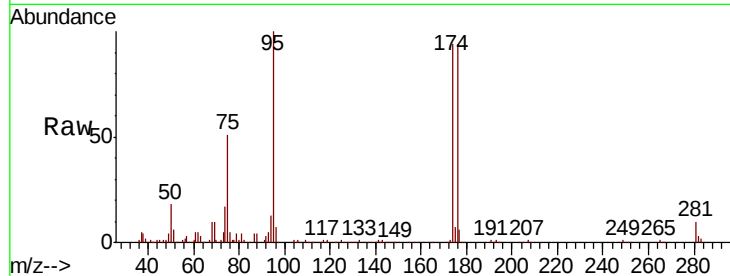




#62
4-Bromofluorobenzene
Concen: 32.570 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006605.D
Acq: 02 Nov 2018 16:58

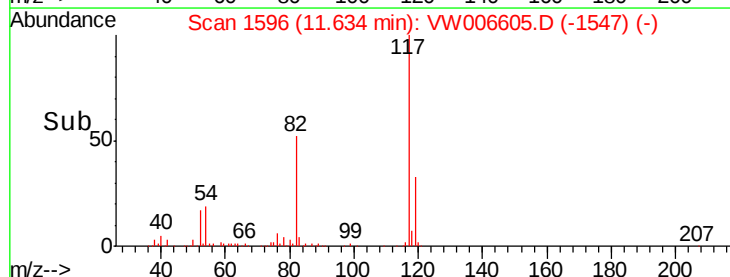
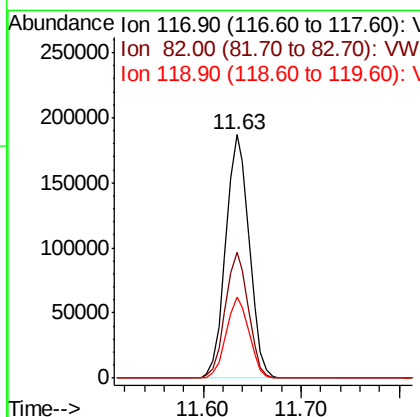
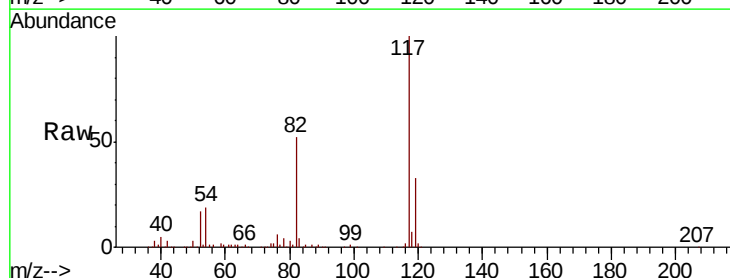
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(NEAR-BERM)

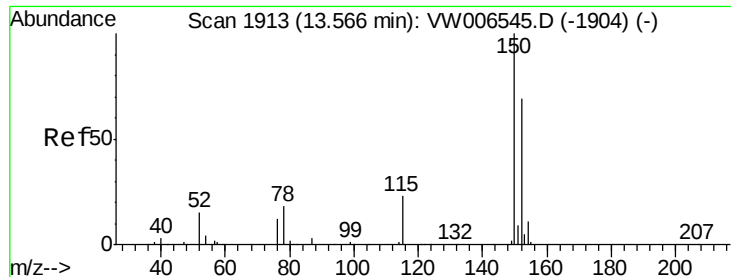
Tot Ion: 95 Resp: 103113
Ion Ratio Lower Upper
95 100
174 98.1 0.0 192.4
176 96.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006605.D
Acq: 02 Nov 2018 16:58

Tgt Ion: 117 Resp: 310840
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 33.3 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: VW006605.D

Acq: 02 Nov 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(NEAR-BERM)

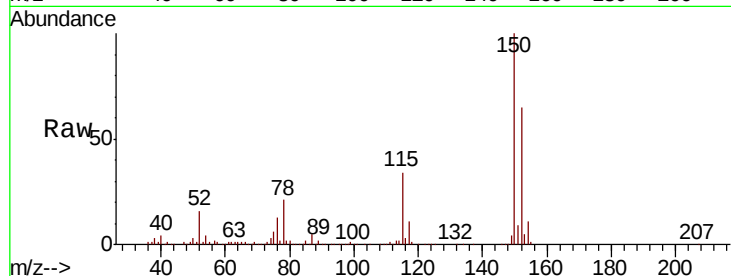
Tot Ion:152 Resp: 135484

Ion Ratio Lower Upper

152 100

115 54.1 26.6 79.8

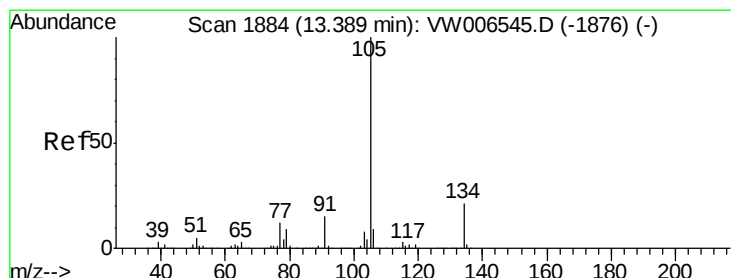
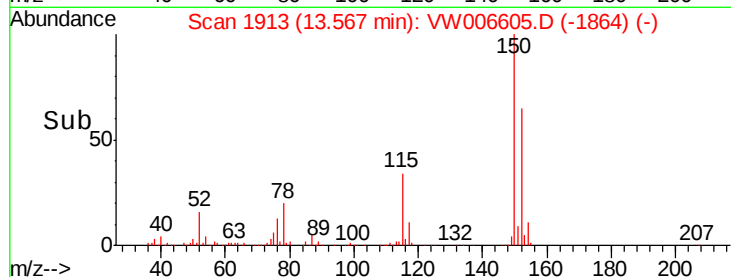
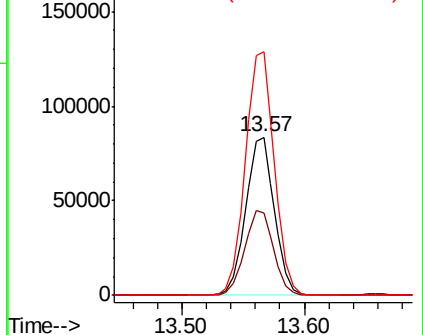
150 155.8 0.0 344.6



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



#85

sec-Butylbenzene

Concen: 2.263 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006605.D

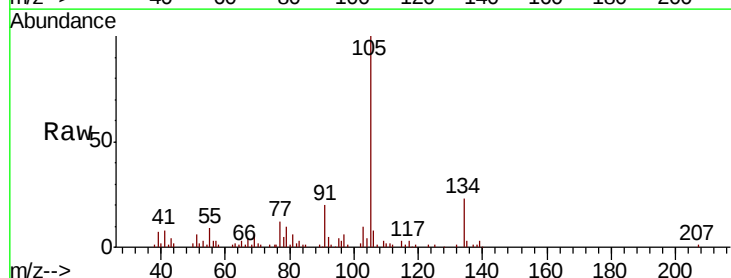
Acq: 02 Nov 2018 16:58

Tgt Ion:105 Resp: 21192

Ion Ratio Lower Upper

105 100

134 38.9 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

