

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006644.D
 Acq On : 05 Nov 2018 18:41
 Operator : SY/AP
 Sample : J5724-01RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 06 02:51:50 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

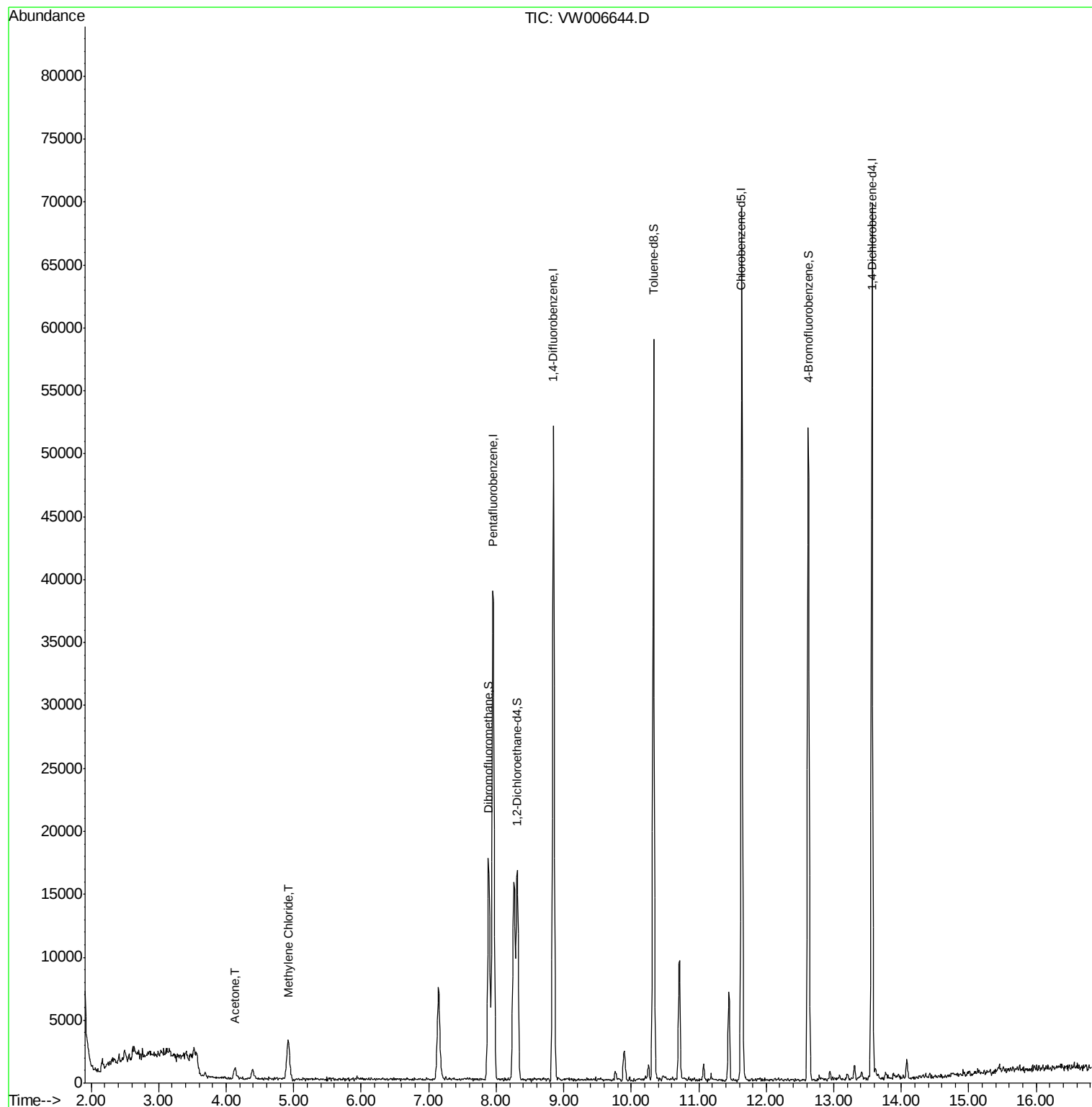
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	33977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	46382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	19917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13516	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
35) Dibromofluoromethane	7.88	113	13294	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.33	98	40085	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	
62) 4-Bromofluorobenzene	12.62	95	13411	33.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.76%	
Target Compounds						
16) Acetone	4.13	43	1545	32.765	ug/l	91
20) Methylene Chloride	4.93	84	2777	3.537	ug/l #	77

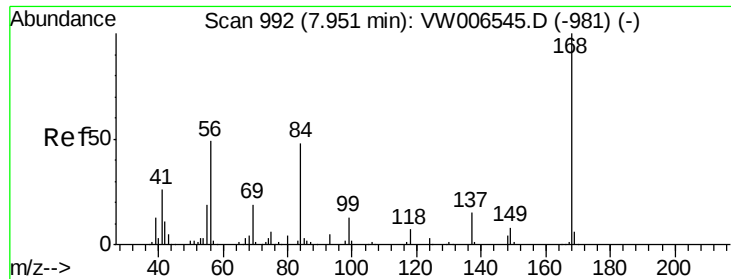
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

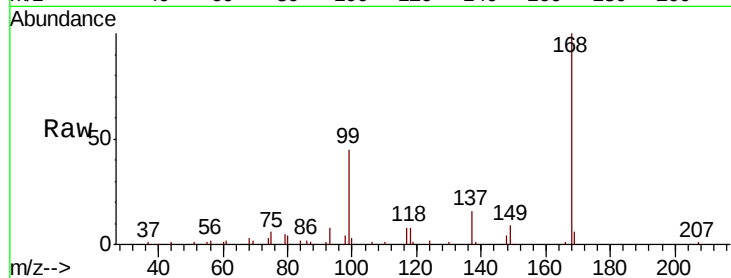
DARK-SOIL(NEAR-BERM)RE

Tot Ion:168 Resp: 33977

Ion Ratio Lower Upper

168 100

99 45.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

15000

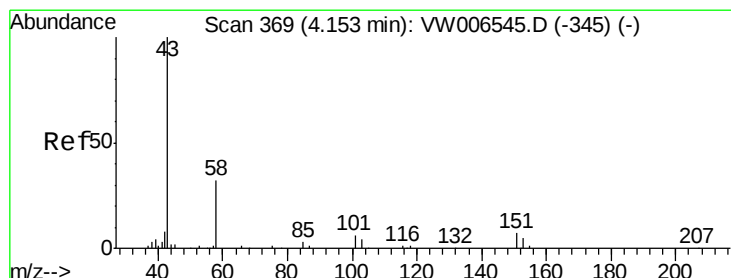
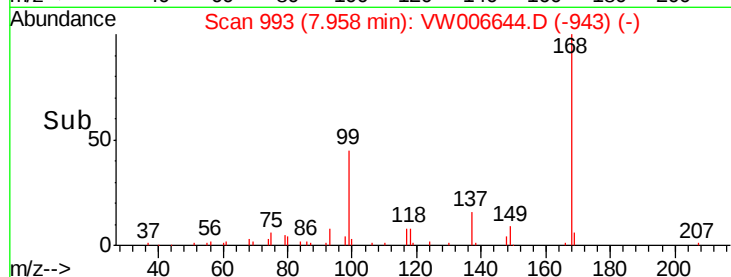
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 32.765 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006644.D

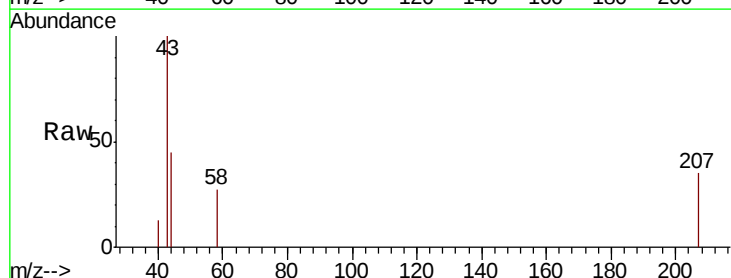
Acq: 05 Nov 2018 18:41

Tgt Ion: 43 Resp: 1545

Ion Ratio Lower Upper

43 100

58 27.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

300

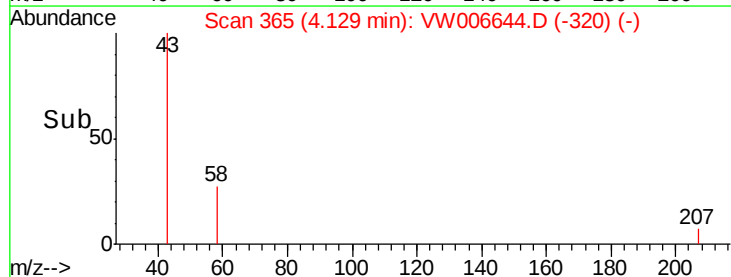
200

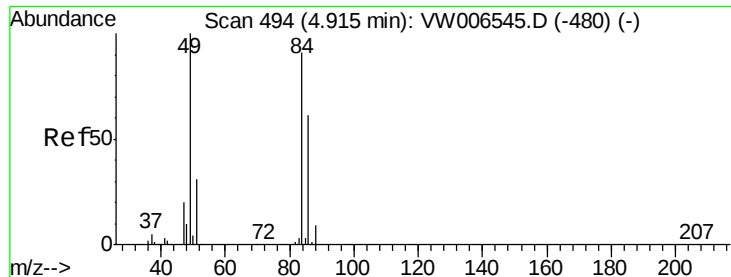
100

0

4.05 4.10 4.15 4.20

Time-->





#20

Methylene Chloride

Concen: 3.537 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(NEAR-BERM)RE

Tot Ion: 84 Resp: 2777

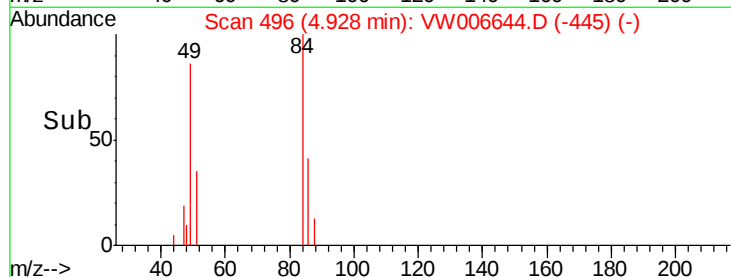
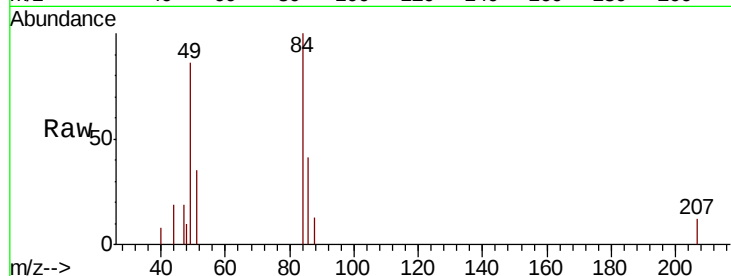
Ion Ratio Lower Upper

84 100

49 85.9 88.2 132.4#

51 34.6 27.0 40.6

86 41.1 53.8 80.8#

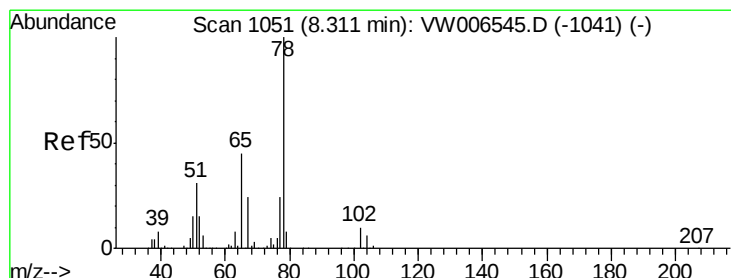
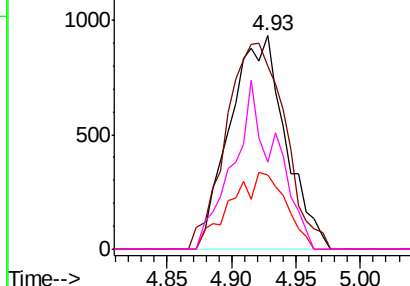


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 46.277 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006644.D

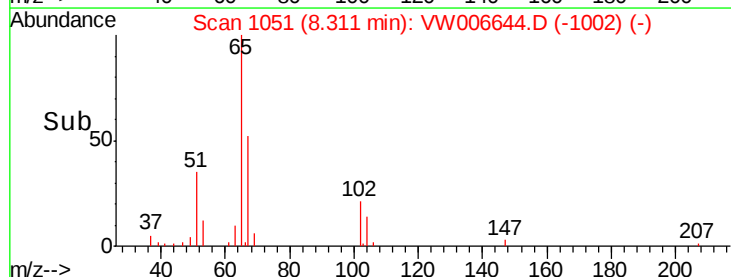
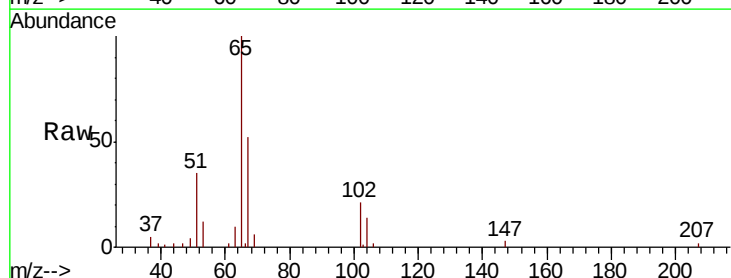
Acq: 05 Nov 2018 18:41

Tgt Ion: 65 Resp: 13516

Ion Ratio Lower Upper

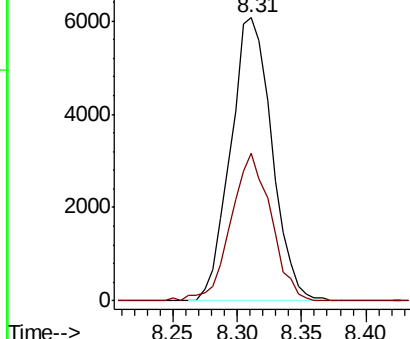
65 100

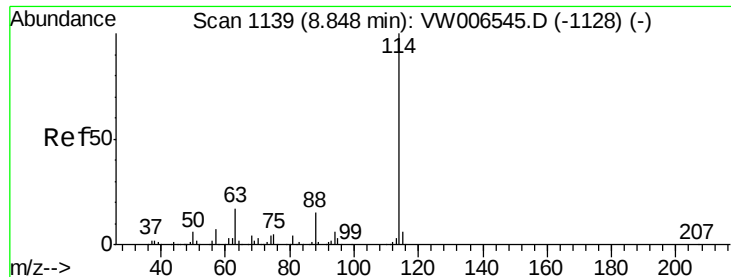
67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

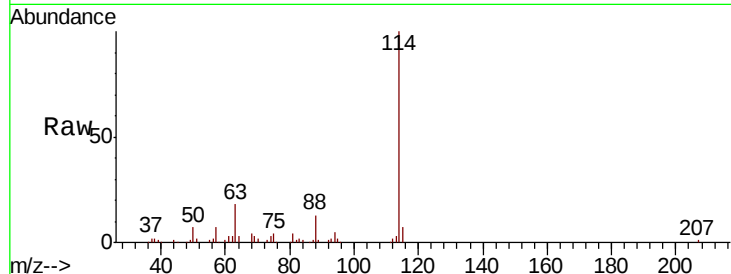




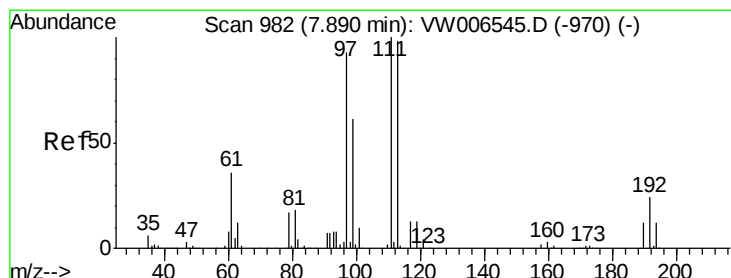
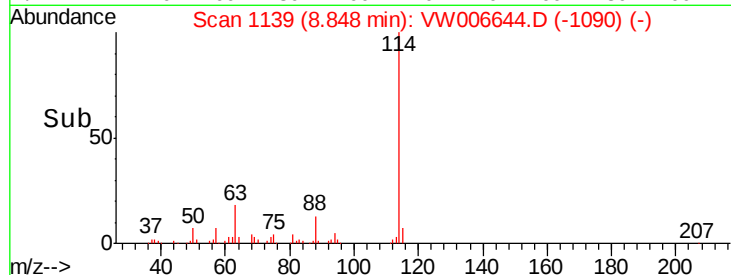
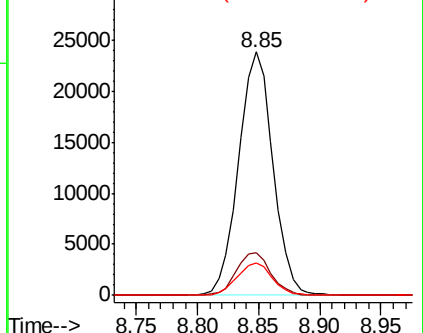
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

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

Tot Ion:114 Resp: 46382
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 13.5 0.0 29.0

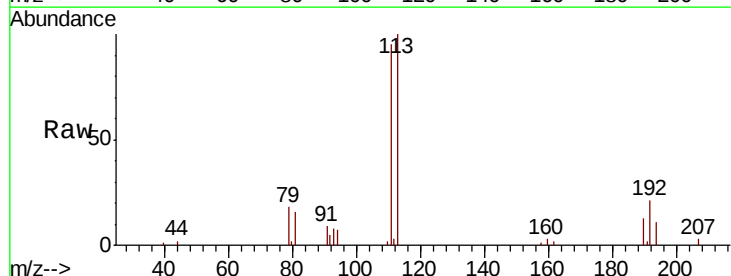


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

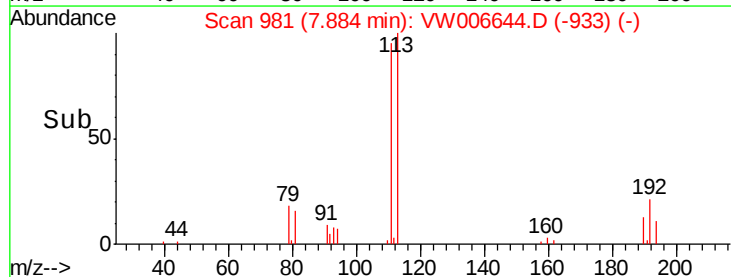
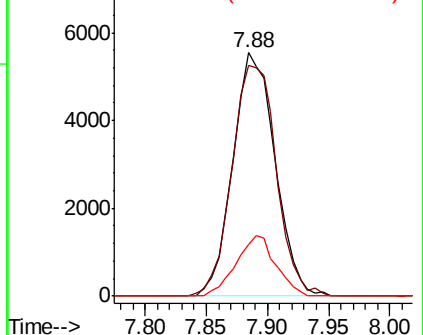


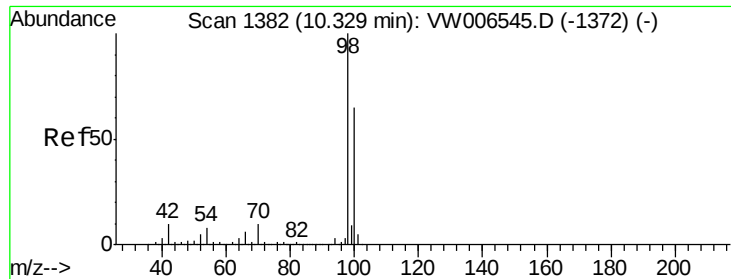
#35
 Dibromofluoromethane
 Concen: 45.671 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

Tgt Ion:113 Resp: 13294
 Ion Ratio Lower Upper
 113 100
 111 99.4 82.2 123.2
 192 23.2 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: 36.174 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

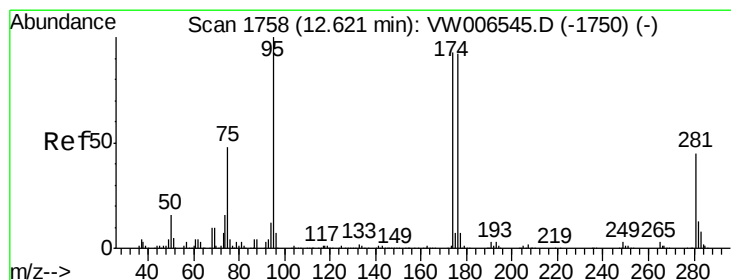
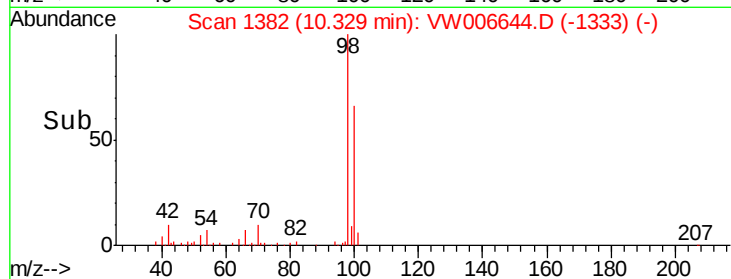
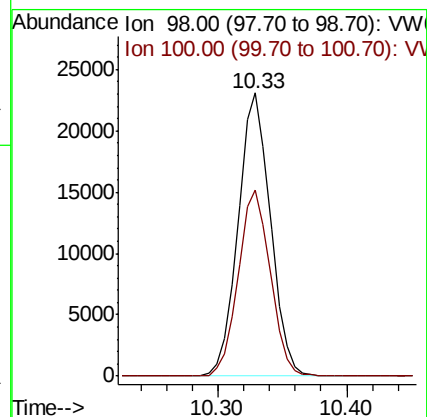
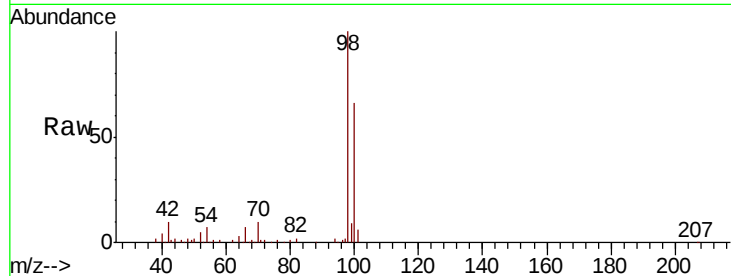
DARK-SOIL(NEAR-BERM)RE

Tot Ion: 98 Resp: 40085

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

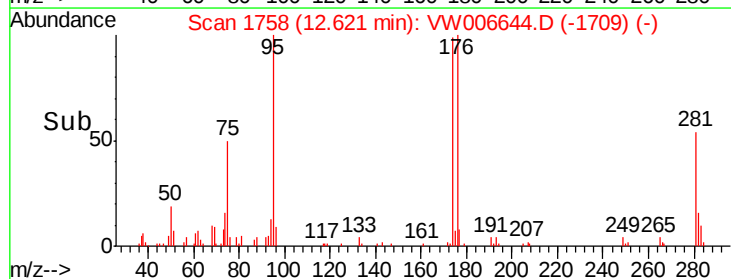
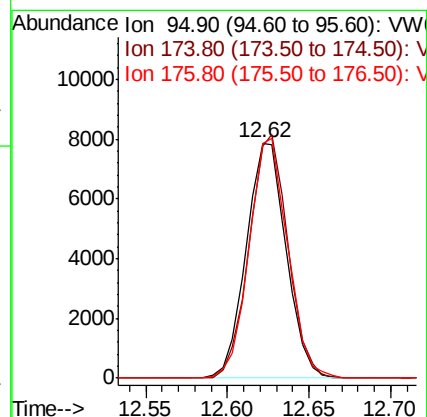
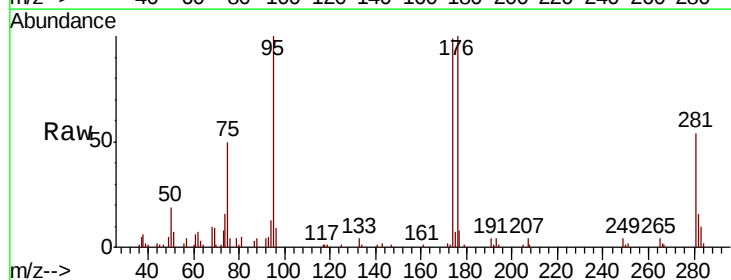
Tgt Ion: 95 Resp: 13411

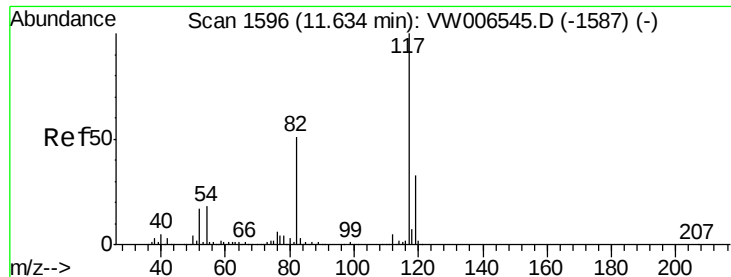
Ion Ratio Lower Upper

95 100

174 100.1 0.0 192.4

176 98.9 0.0 187.4

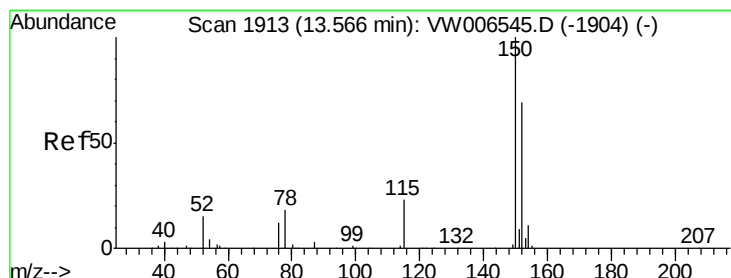
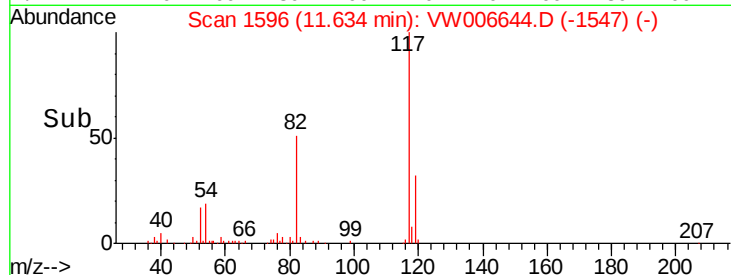
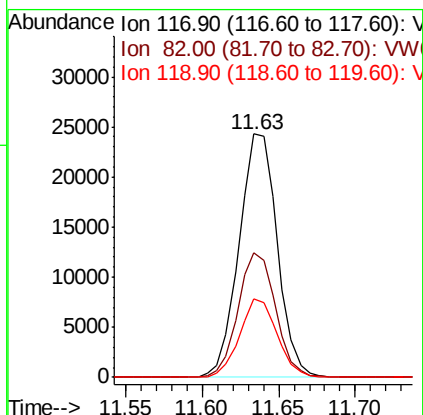
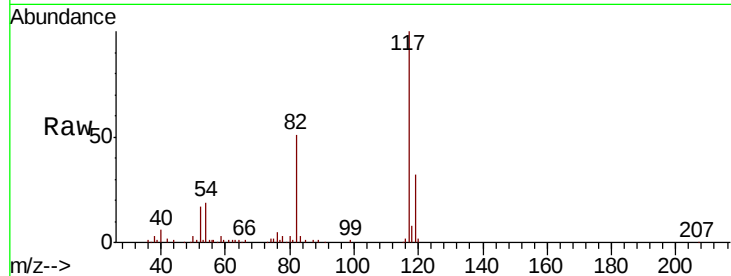




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	32.1	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: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.6	79.8
150	160.2	0.0	344.6

