

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006037.D
 Acq On : 11 Oct 2018 19:13
 Operator : VA/AP
 Sample : J5395-01RE
 Misc : 4.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PH-SOILRE

Quant Time: Oct 12 02:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

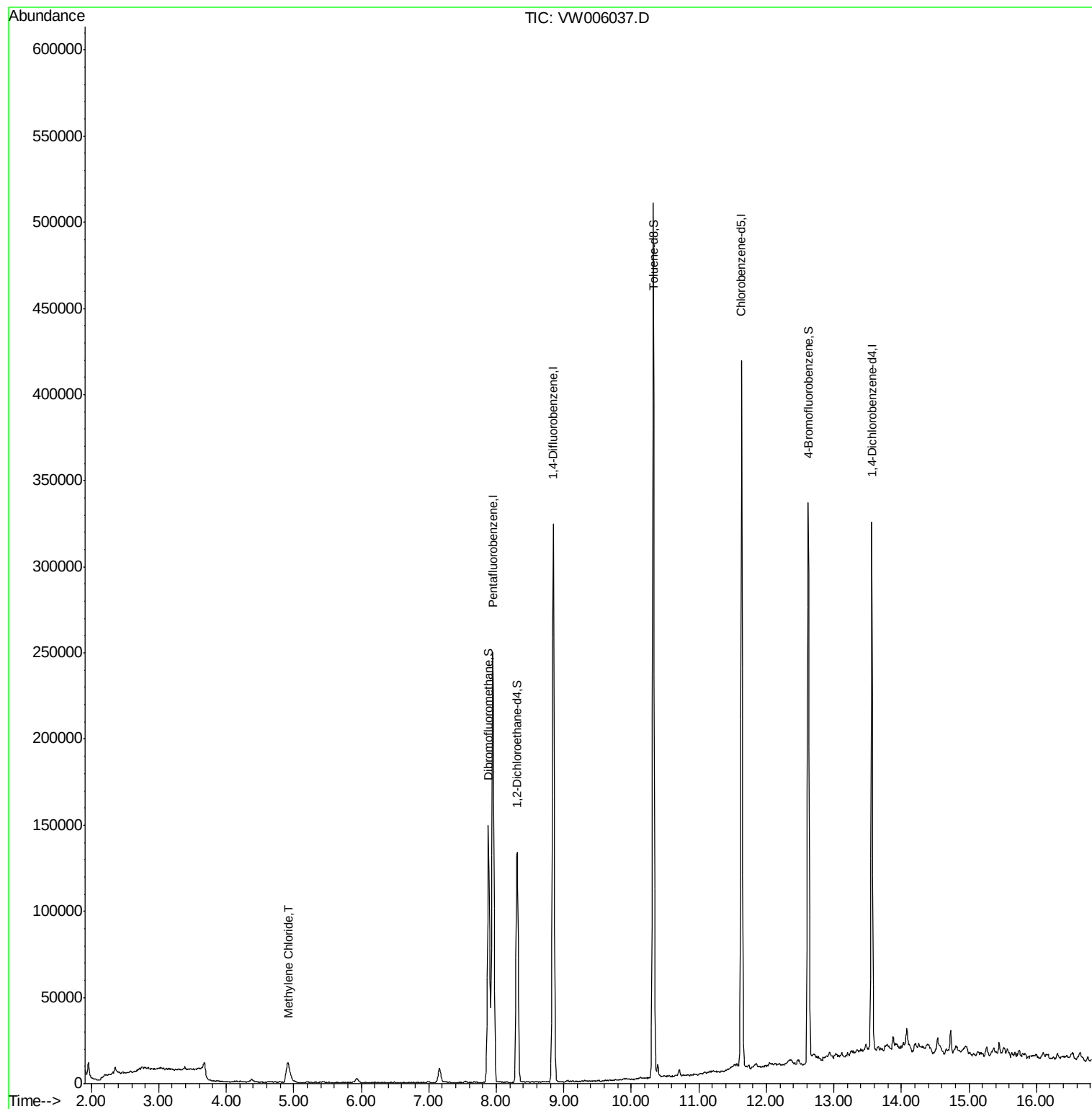
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	228344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104495	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.89	113	104019	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	10.32	98	351478	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.62	95	96418	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
Target Compounds						
20) Methylene Chloride	4.92	84	11313	5.72	ug/l	Qvalue 89

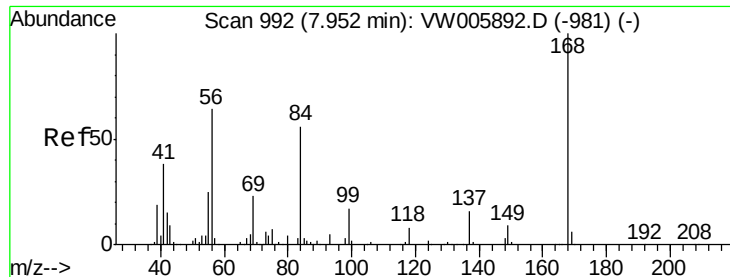
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

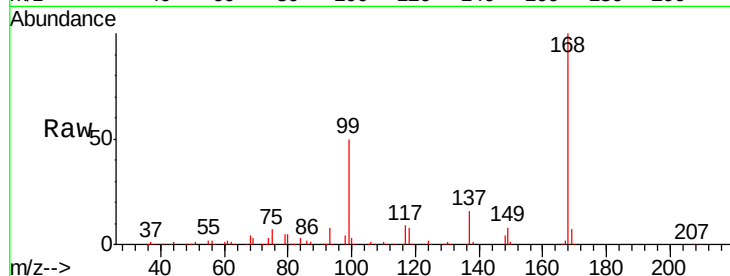
PH-SOILRE

Tgt Ion:168 Resp: 203495

Ion Ratio Lower Upper

168 100

99 50.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

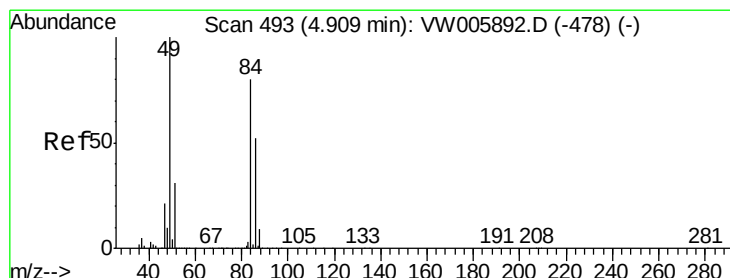
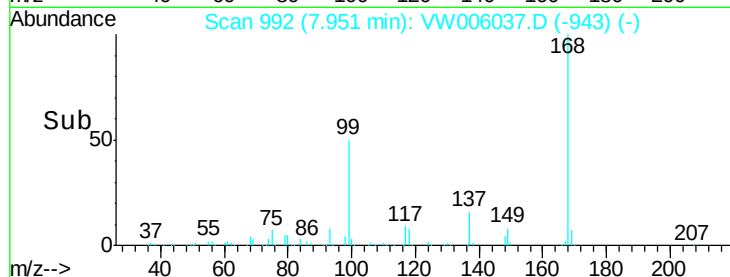
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.72 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

Tgt Ion: 84 Resp: 11313

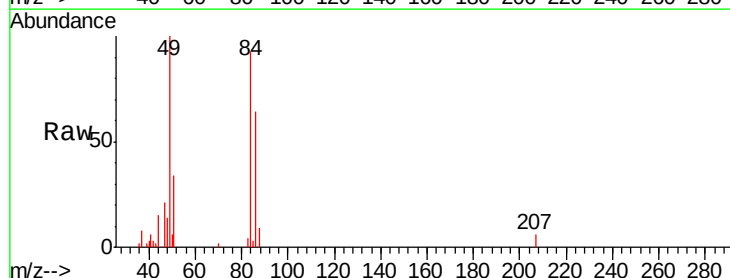
Ion Ratio Lower Upper

84 100

49 107.3 99.9 149.9

51 36.4 31.1 46.7

86 68.7 51.8 77.6



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

5000

4000

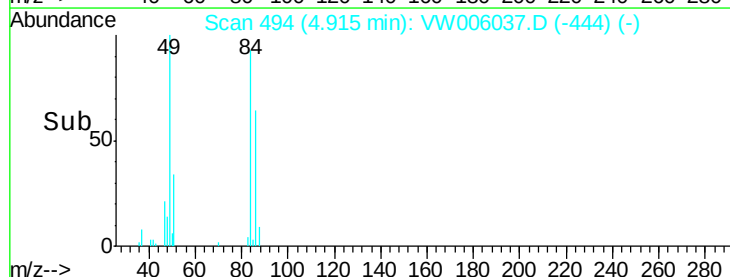
3000

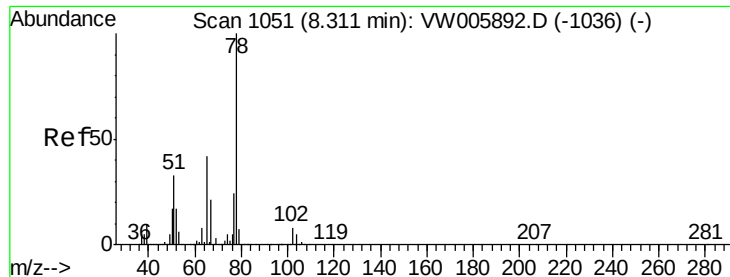
2000

1000

0

Time--> 4.80 4.90 5.00

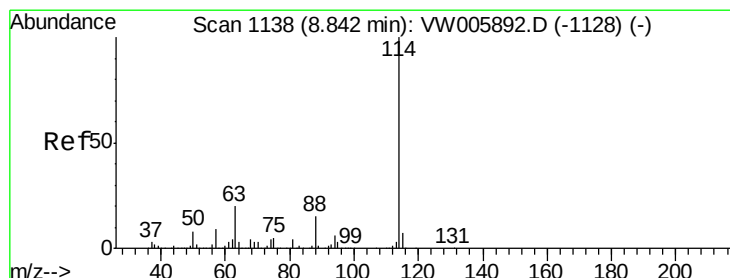
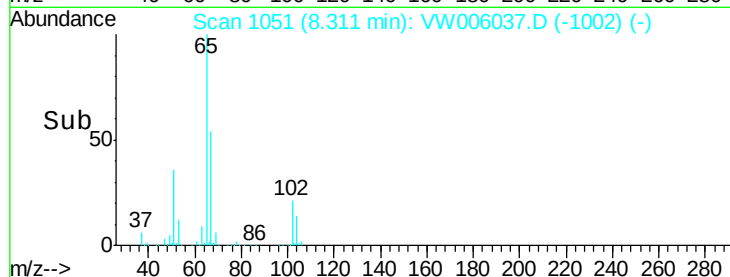
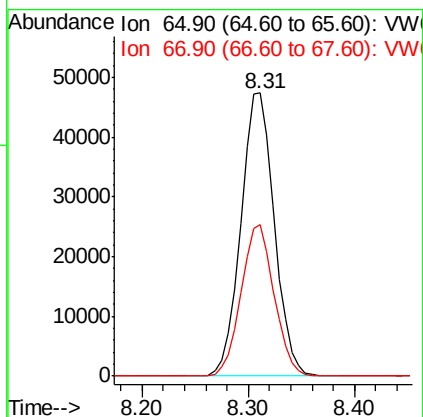
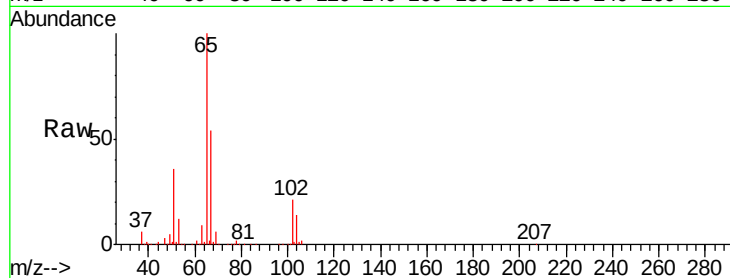




#33
 1,2-Dichloroethane-d4
 Concen: 52.90 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006037.D
 Acq: 11 Oct 2018 19:13

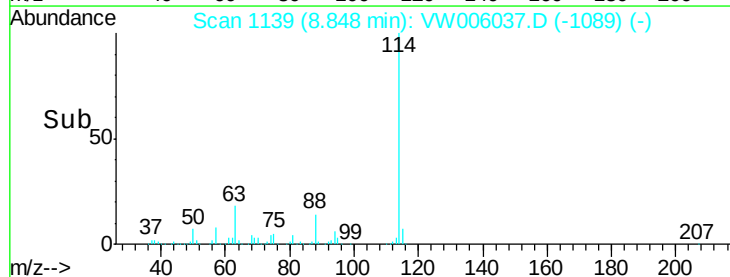
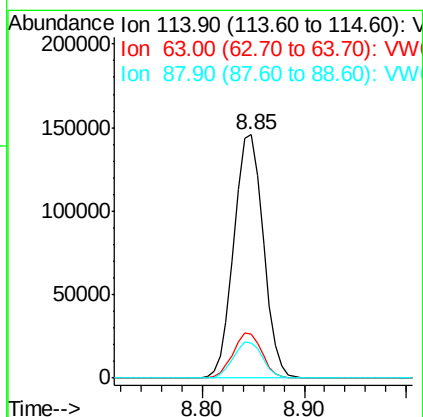
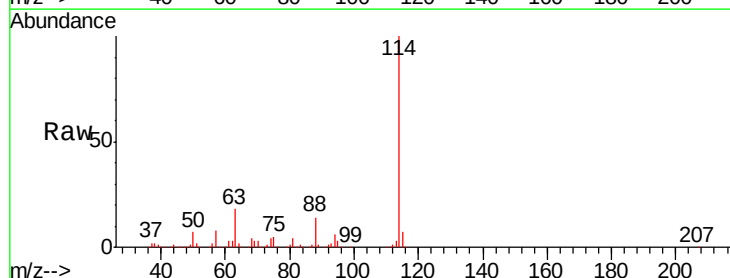
Instrument :
 MSVOA_W
 ClientSampled :
 PH-SOILRE

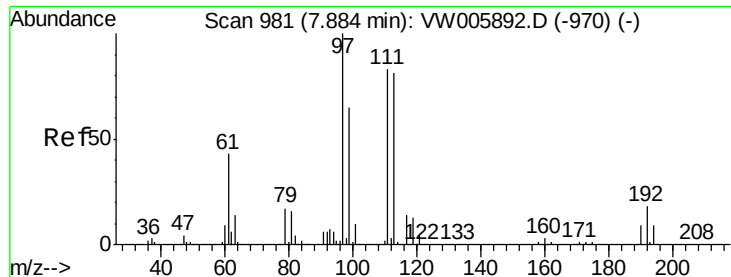
Tgt Ion: 65 Resp: 104495
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006037.D
 Acq: 11 Oct 2018 19:13

Tgt Ion: 114 Resp: 292237
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.75 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

PH-SOILRE

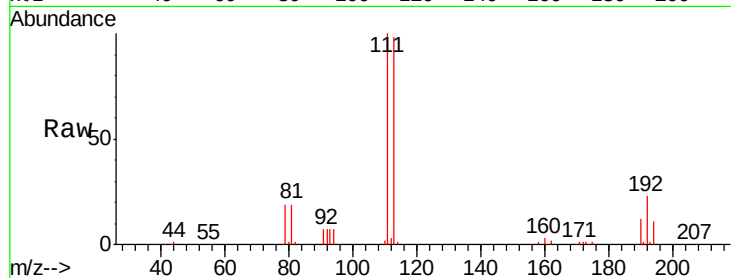
Tgt Ion:113 Resp: 104019

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

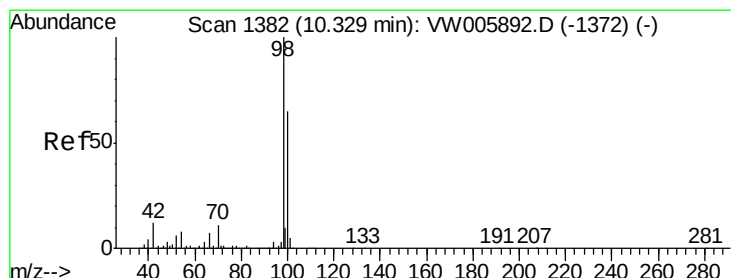
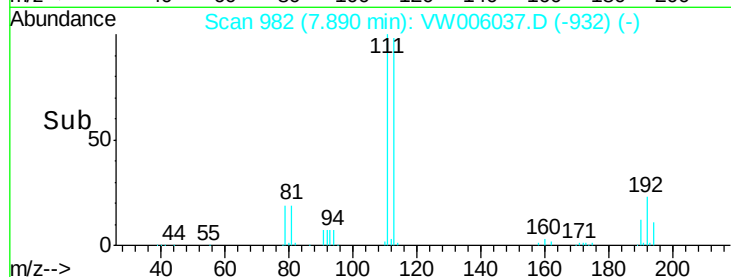
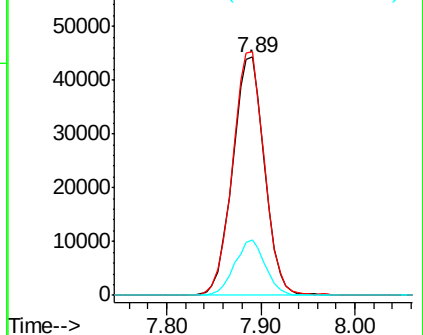
192 22.4 18.3 27.5



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



#50

Toluene-d8

Concen: 48.96 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006037.D

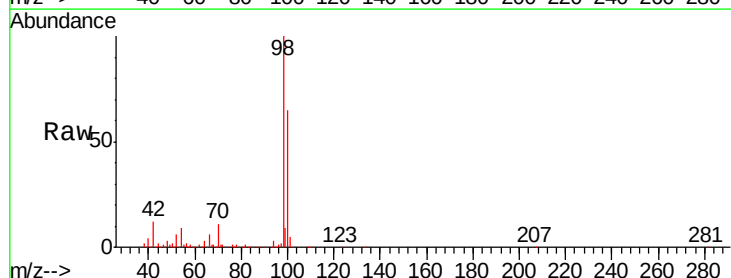
Acq: 11 Oct 2018 19:13

Tgt Ion: 98 Resp: 351478

Ion Ratio Lower Upper

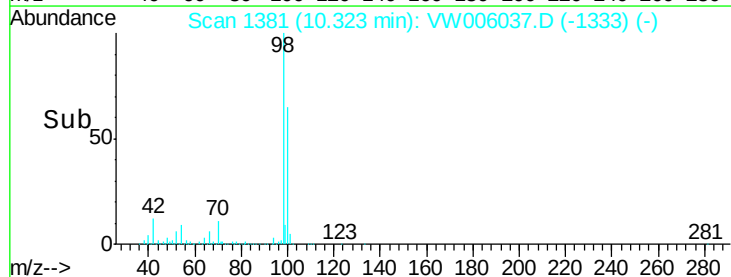
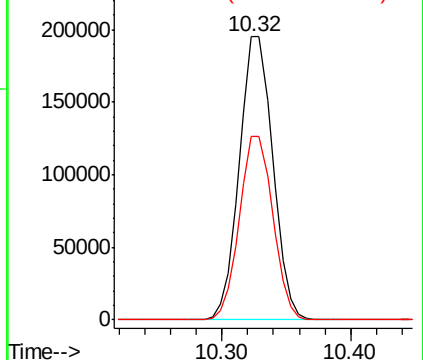
98 100

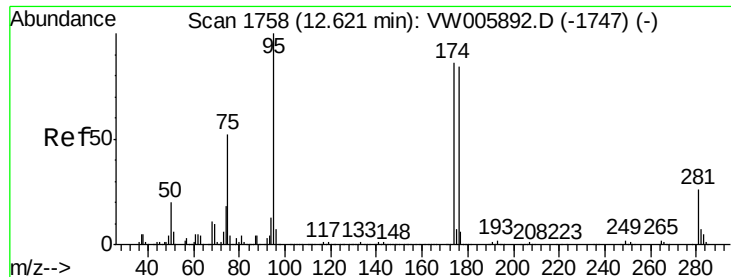
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

PH-SOILRE

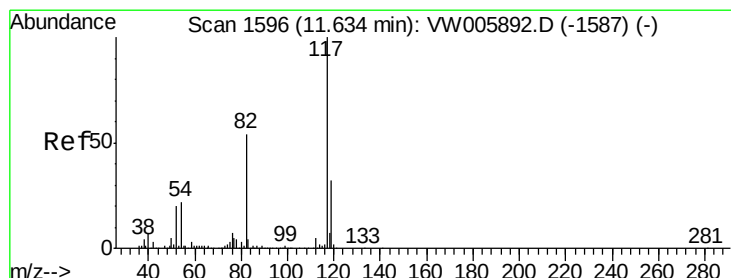
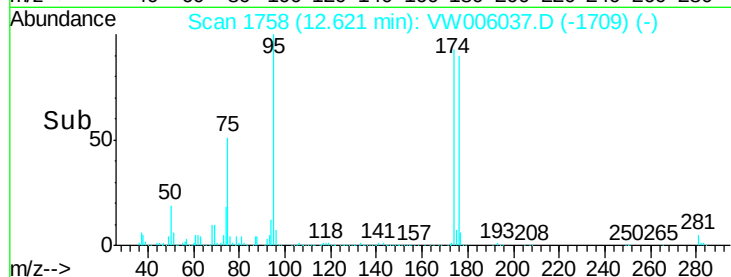
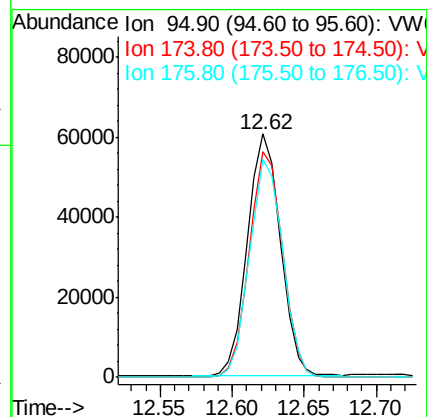
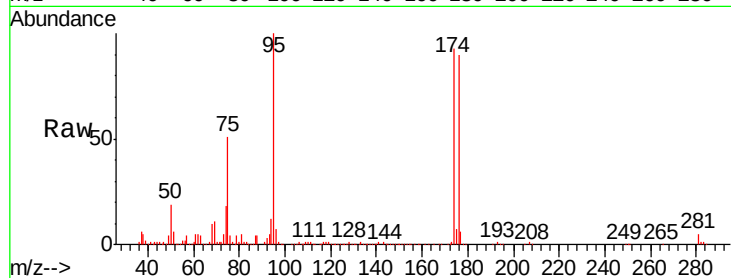
Tgt Ion: 95 Resp: 96418

Ion Ratio Lower Upper

95 100

174 93.7 0.0 176.4

176 90.5 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

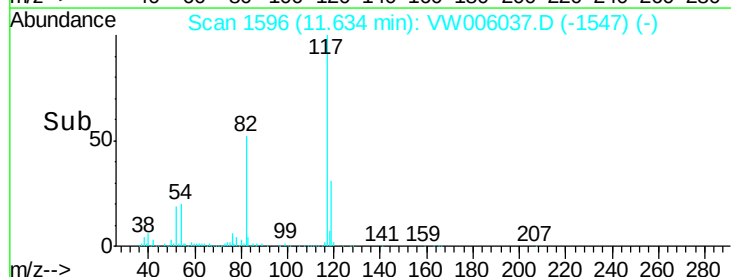
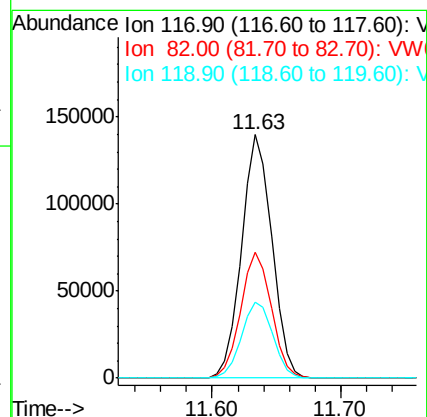
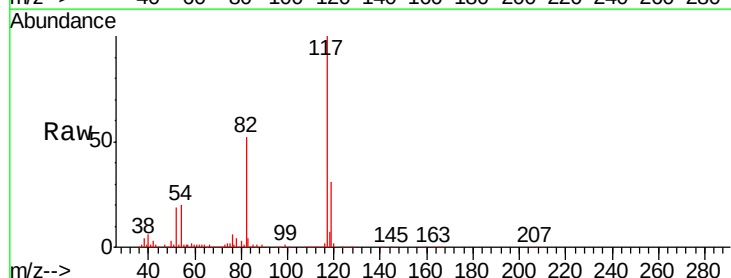
Tgt Ion: 117 Resp: 228344

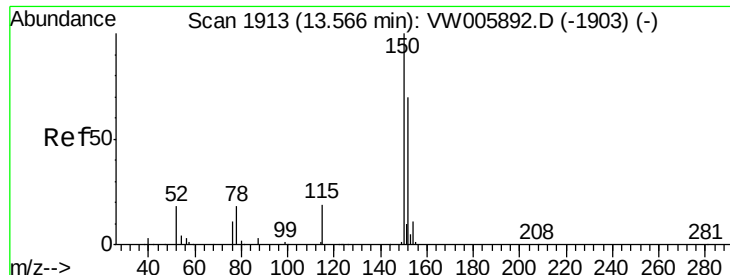
Ion Ratio Lower Upper

117 100

82 51.8 43.5 65.3

119 31.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006037.D

Acq: 11 Oct 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

PH-SOILRE

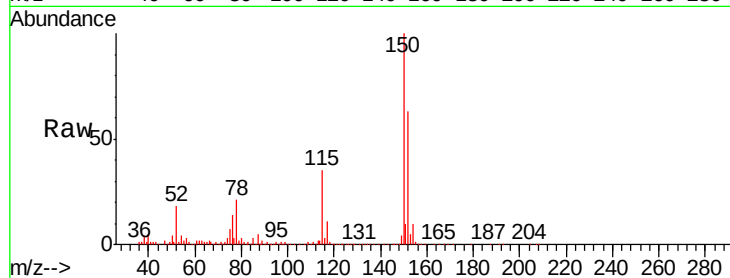
Tgt Ion:152 Resp: 82774

Ion Ratio Lower Upper

152 100

115 55.8 28.3 85.0

150 157.2 0.0 349.2



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

