

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006050.D
 Acq On : 12 Oct 2018 16:54
 Operator : VA/AP
 Sample : J5509-02RE
 Misc : 3.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-SOILRE

Quant Time: Oct 13 01:08:29 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

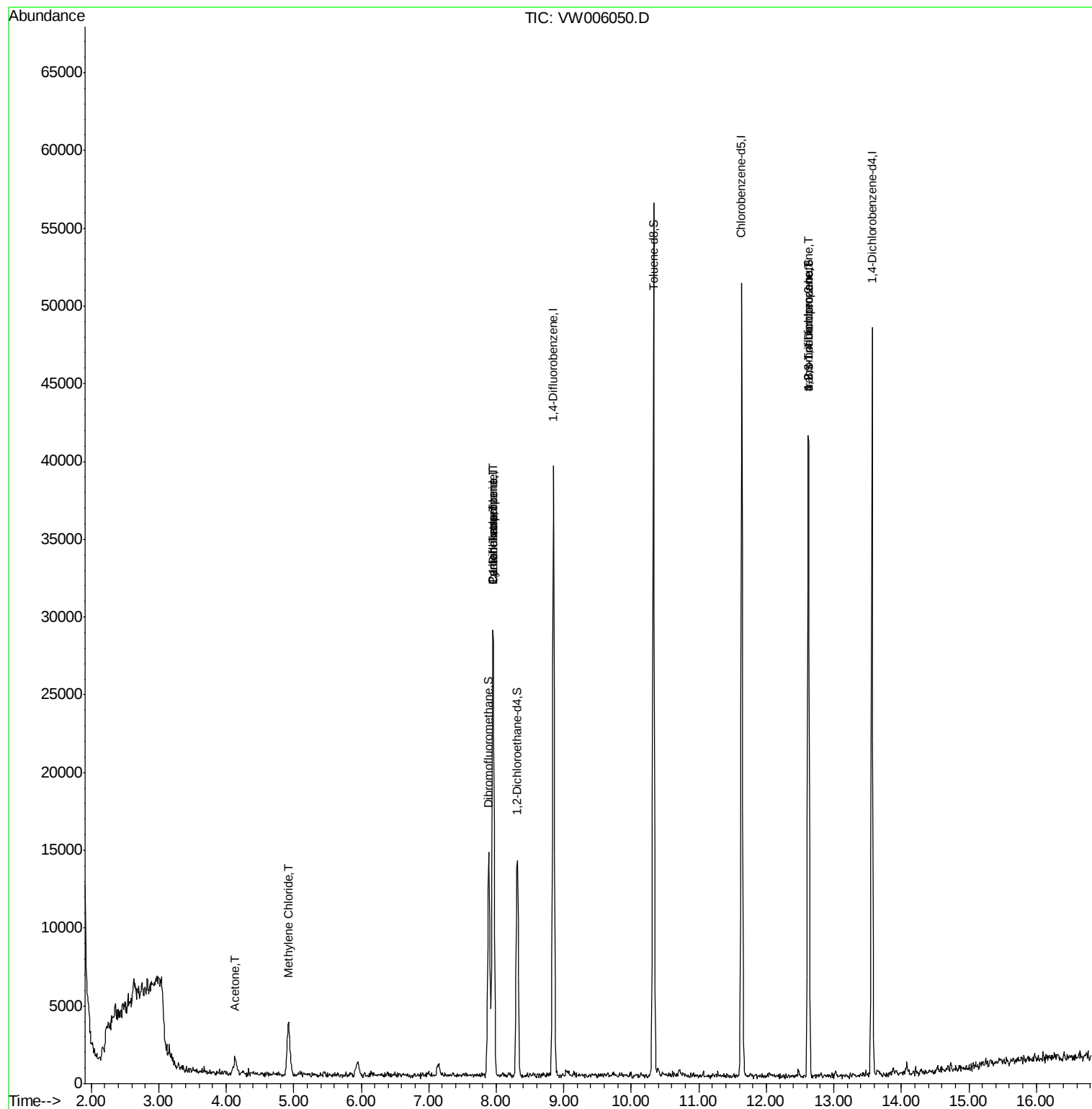
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	24274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	34190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11149	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	7.88	113	10323	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.33	98	37835	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
62) 4-Bromofluorobenzene	12.62	95	13149	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2190	46.528	ug/l	91
20) Methylene Chloride	4.92	84	2612	11.076	ug/l #	87
31) Cyclohexane	7.95	56	537	1.302	ug/l #	28
36) 1,1-Dichloropropene	7.96	75	1544	4.713	ug/l #	45
38) Carbon Tetrachloride	7.95	117	2229	6.333	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	6462	56.494	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	6462	119.265	ug/l #	11

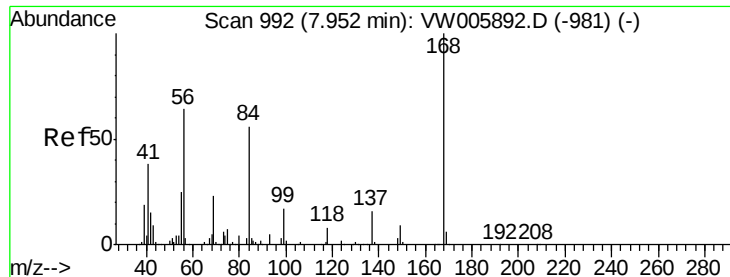
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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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: VW006050.D

Acq: 12 Oct 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

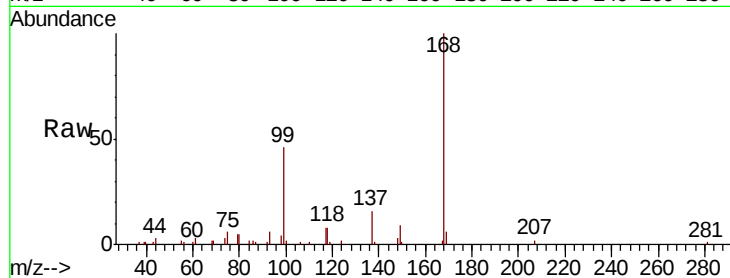
MS-SOILRE

Tgt Ion:168 Resp: 24274

Ion Ratio Lower Upper

168 100

99 45.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

12000

10000

8000

6000

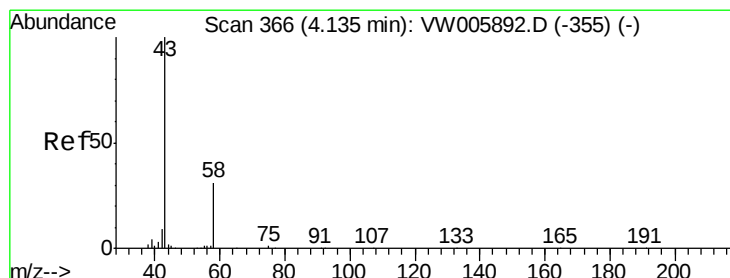
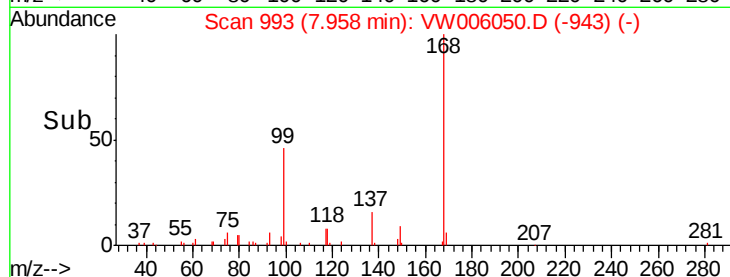
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 46.528 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006050.D

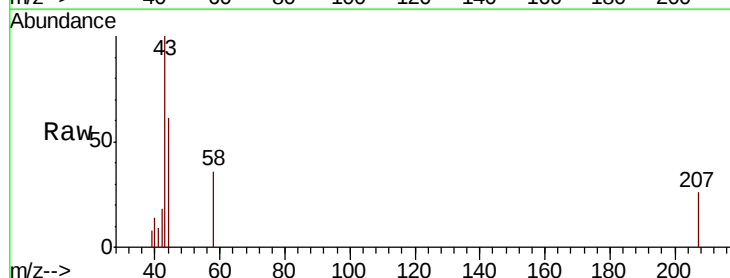
Acq: 12 Oct 2018 16:54

Tgt Ion: 43 Resp: 2190

Ion Ratio Lower Upper

43 100

58 35.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

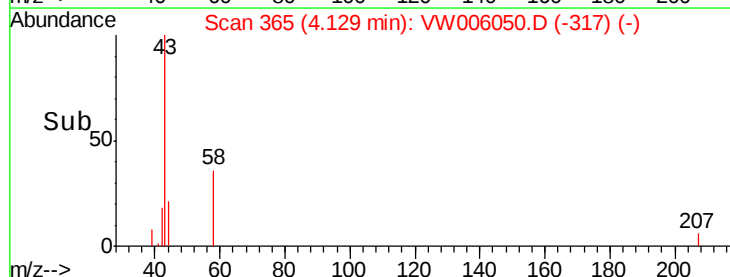
400

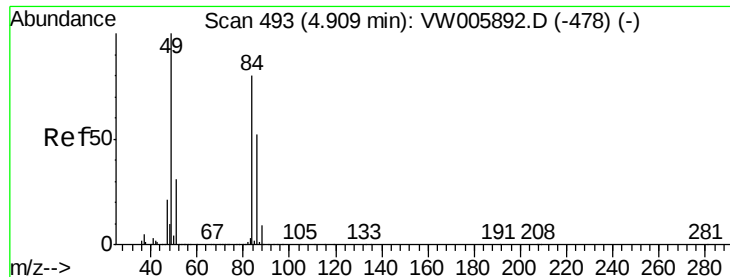
200

0

Time-->

4.05 4.10 4.15 4.20

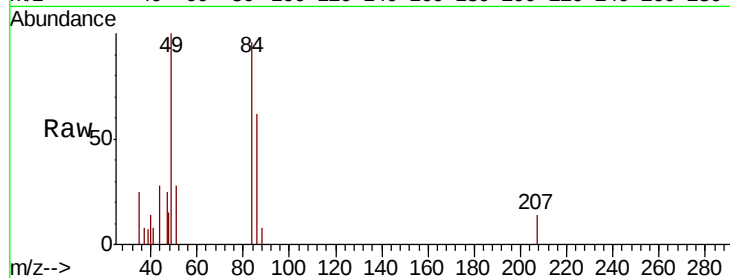




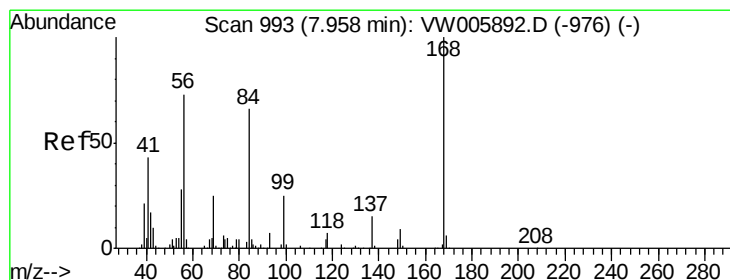
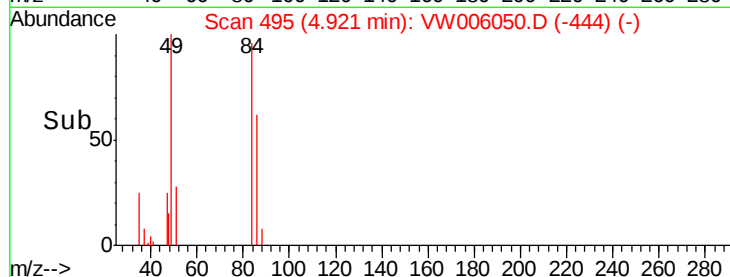
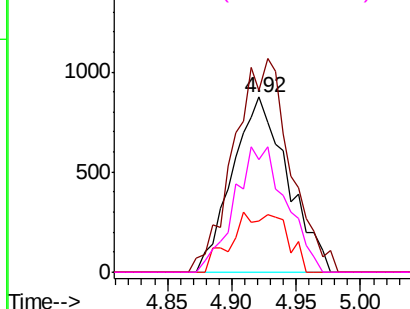
#20
Methylene Chloride
Concen: 11.076 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006050.D
Acq: 12 Oct 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
MS-SOILRE

Tgt Ion: 84 Resp: 2612
Ion Ratio Lower Upper
84 100
49 103.7 99.9 149.9
51 29.4 31.1 46.7#
86 64.5 51.8 77.6

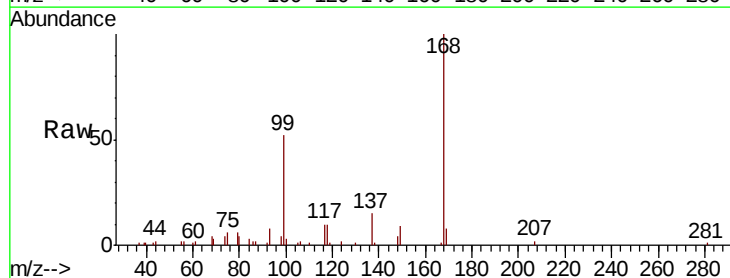


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

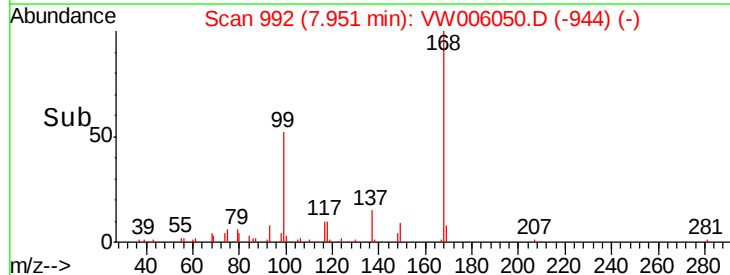
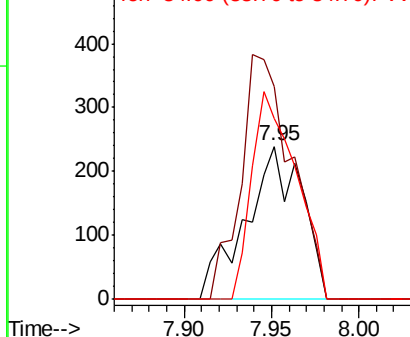


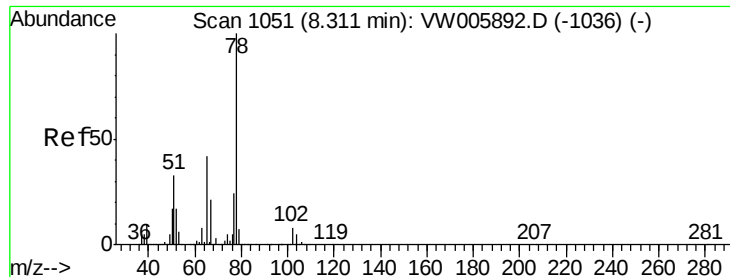
#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006050.D
Acq: 12 Oct 2018 16:54

Tgt Ion: 56 Resp: 537
Ion Ratio Lower Upper
56 100
69 139.3 27.9 41.9#
84 118.4 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

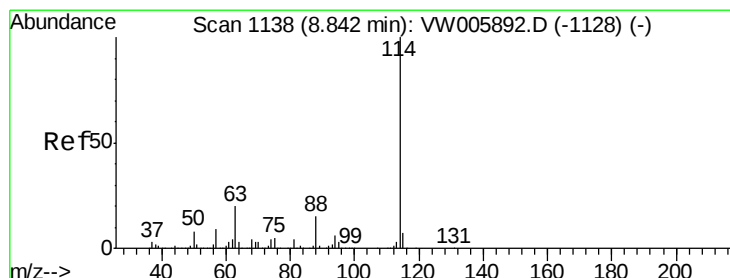
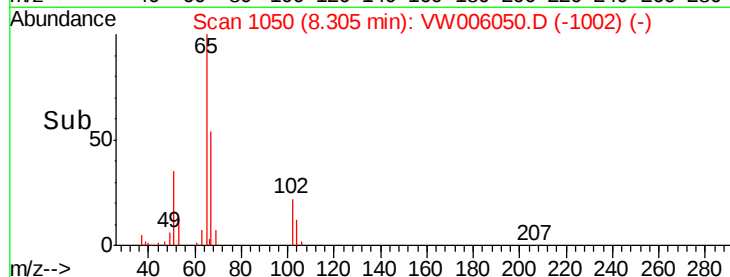
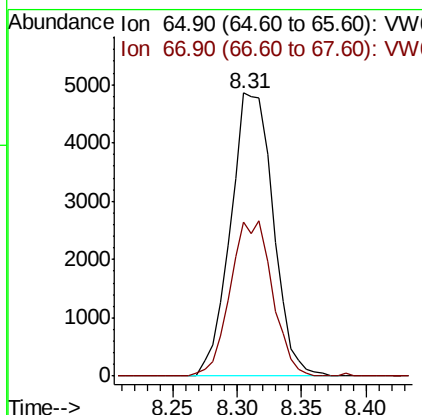
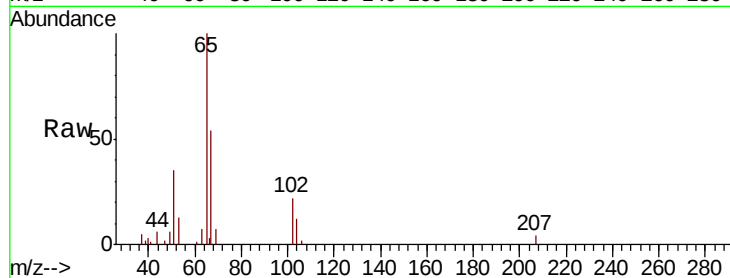




#33
 1,2-Dichloroethane-d4
 Concen: 47.312 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006050.D
 Acq: 12 Oct 2018 16:54

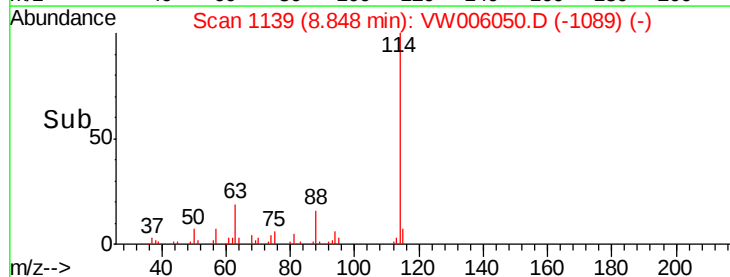
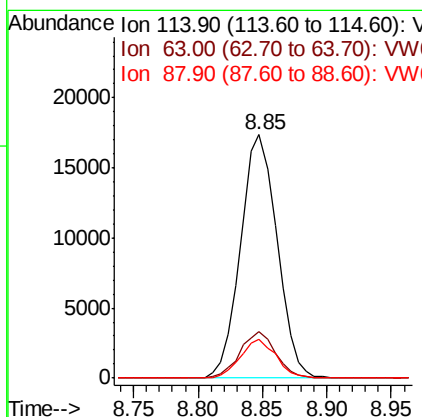
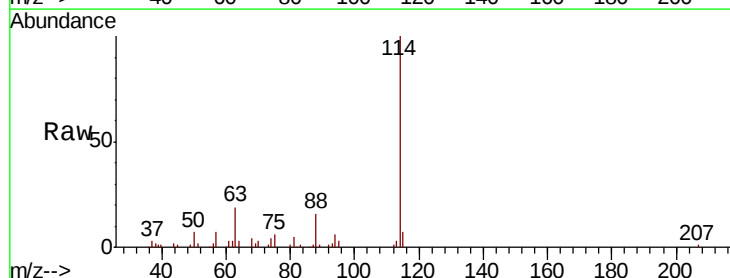
Instrument :
 MSVOA_W
 ClientSampled :
 MS-SOILRE

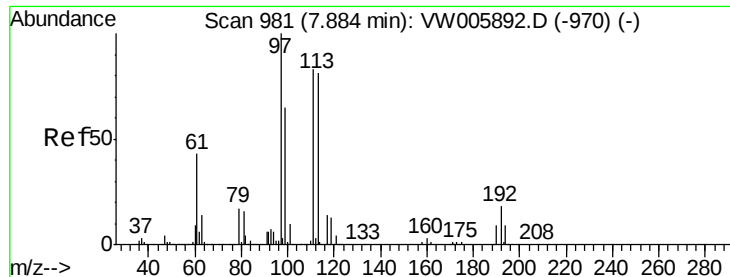
Tgt Ion: 65 Resp: 11149
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006050.D
 Acq: 12 Oct 2018 16:54

Tgt Ion: 114 Resp: 34190
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.8 0.0 30.8

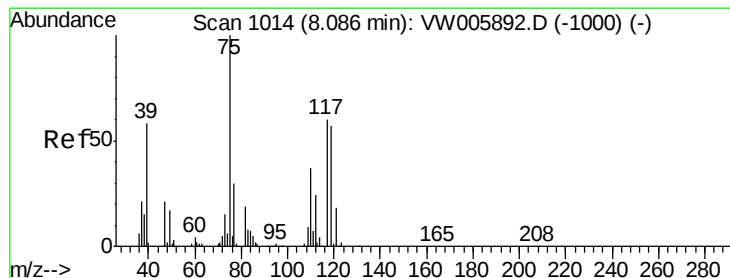
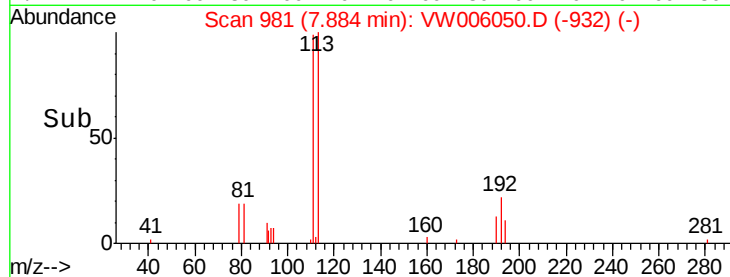
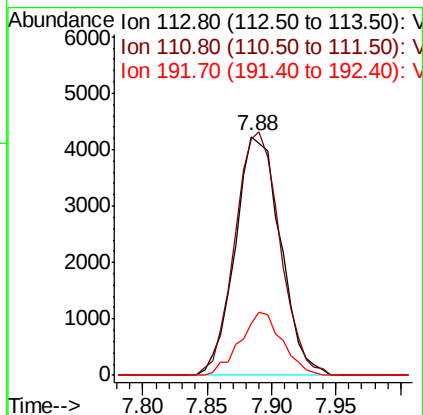
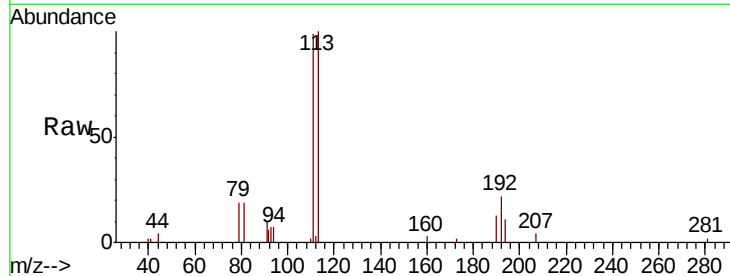




#35
 Dibromofluoromethane
 Concen: 47.291 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW006050.D
 Acq: 12 Oct 2018 16:54

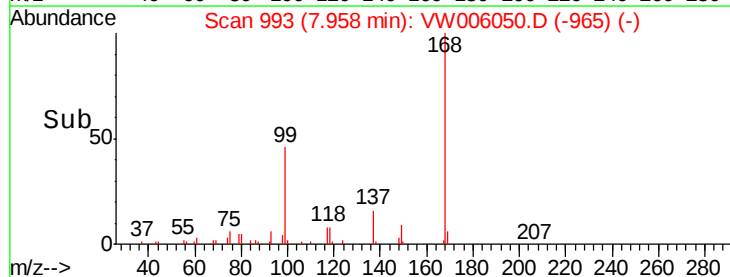
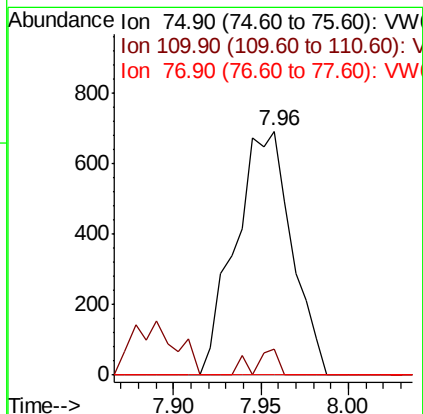
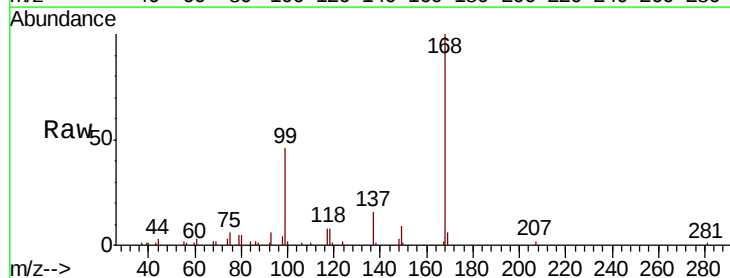
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-SOILRE

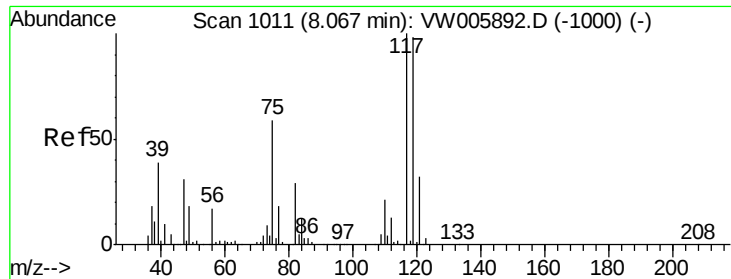
Tgt Ion: 113 Resp: 10323
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.0 123.0
 192 24.5 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.713 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW006050.D
 Acq: 12 Oct 2018 16:54

Tgt Ion: 75 Resp: 1544
 Ion Ratio Lower Upper
 75 100
 110 4.6 18.6 56.0#
 77 0.0 24.7 37.1#

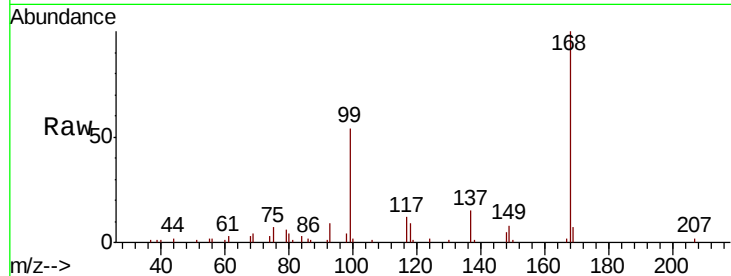




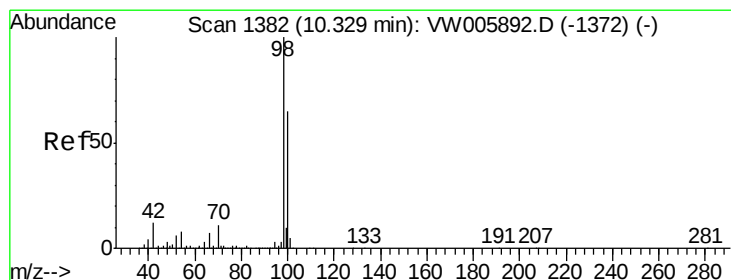
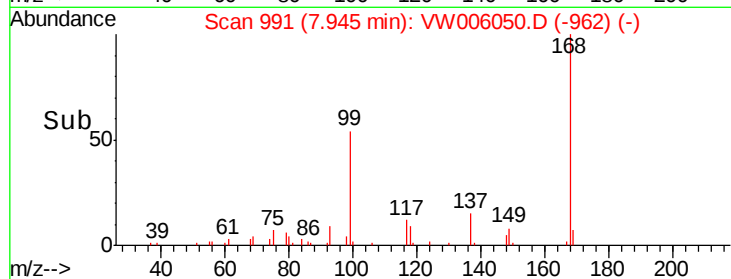
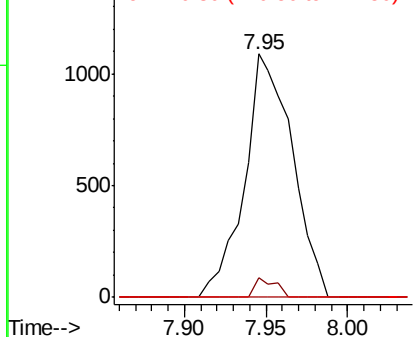
#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW006050.D
Acq: 12 Oct 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
MS-SOILRE

Tgt Ion:117 Resp: 2229
Ion Ratio Lower Upper
117 100
119 8.3 78.6 117.8#
121 0.0 25.3 37.9#

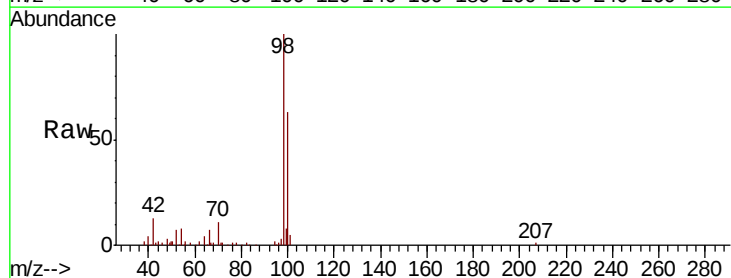


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

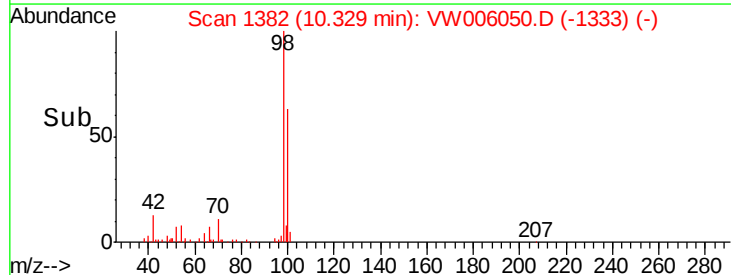
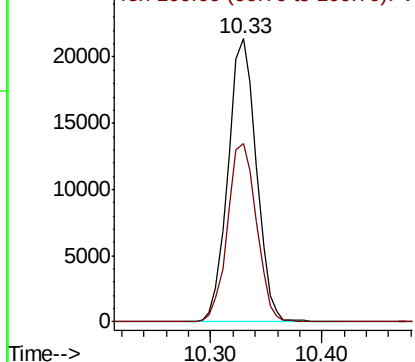


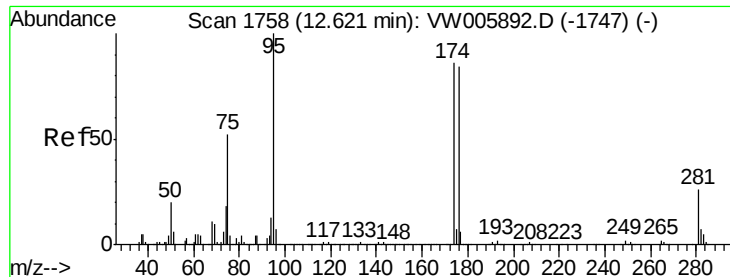
#50
Toluene-d8
Concen: 45.050 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006050.D
Acq: 12 Oct 2018 16:54

Tgt Ion: 98 Resp: 37835
Ion Ratio Lower Upper
98 100
100 64.1 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: 41.151 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006050.D

Acq: 12 Oct 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

MS-SOILRE

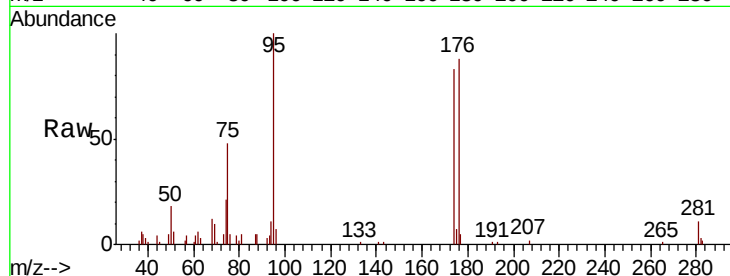
Tgt Ion: 95 Resp: 13149

Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.4

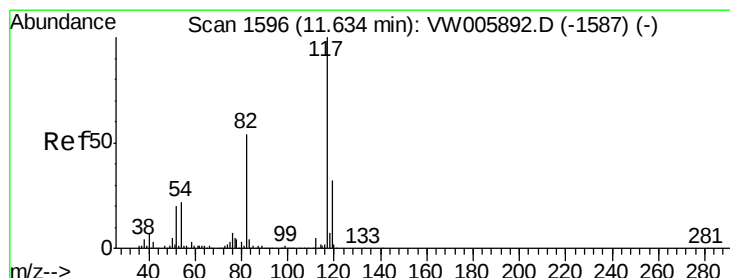
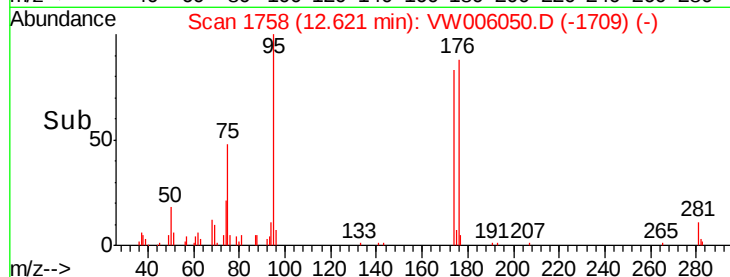
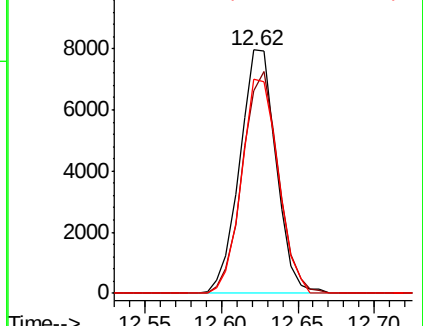
176 88.7 0.0 173.0



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: VW006050.D

Acq: 12 Oct 2018 16:54

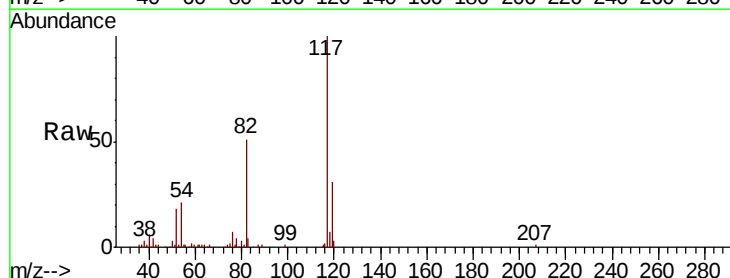
Tgt Ion: 117 Resp: 30203

Ion Ratio Lower Upper

117 100

82 50.7 43.5 65.3

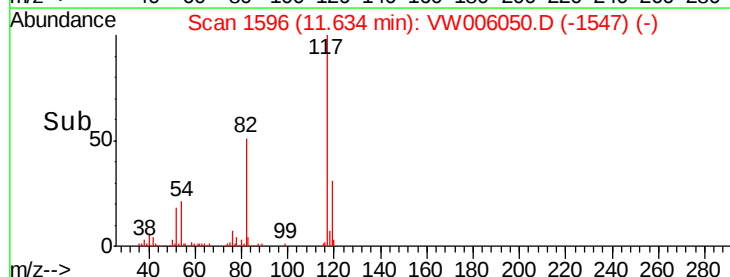
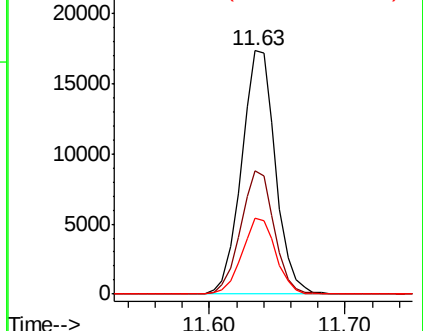
119 31.0 25.4 38.2

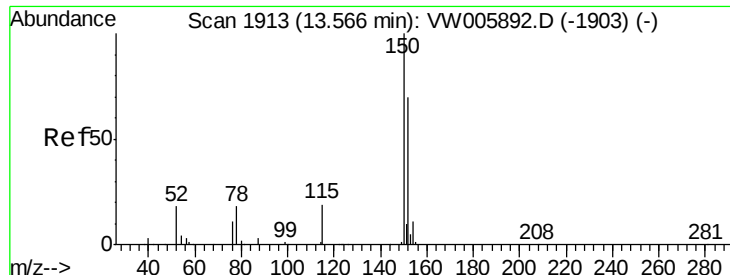


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006050.D

Acq: 12 Oct 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

MS-SOILRE

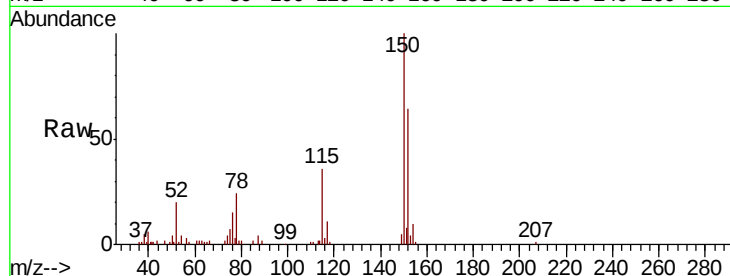
Tgt Ion: 152 Resp: 12805

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

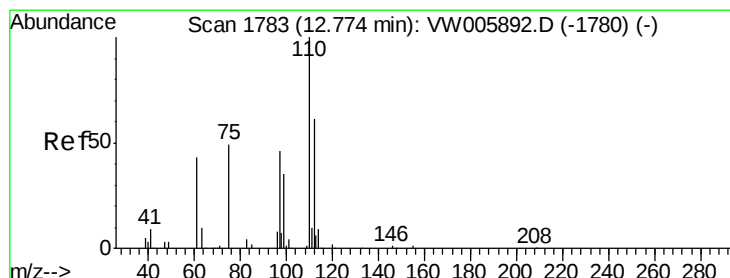
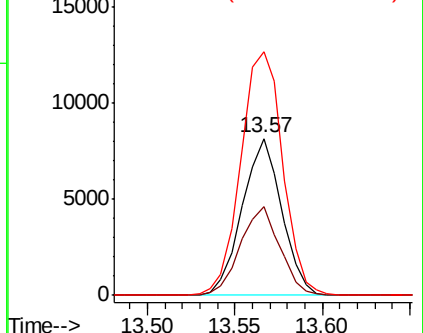
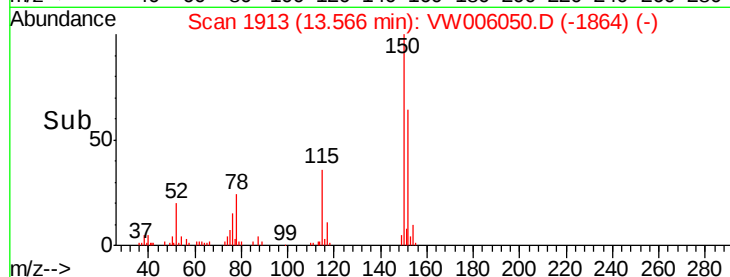
150 164.5 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 56.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006050.D

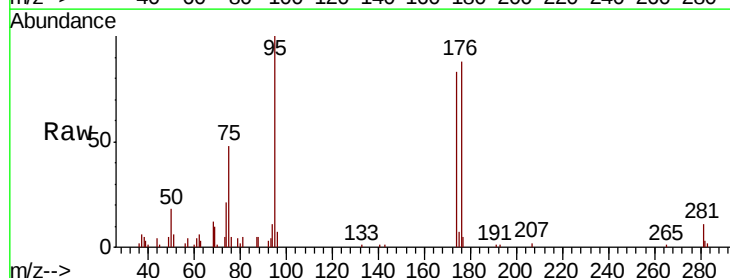
Acq: 12 Oct 2018 16:54

Tgt Ion: 75 Resp: 6462

Ion Ratio Lower Upper

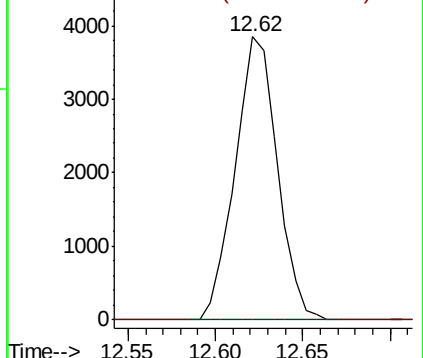
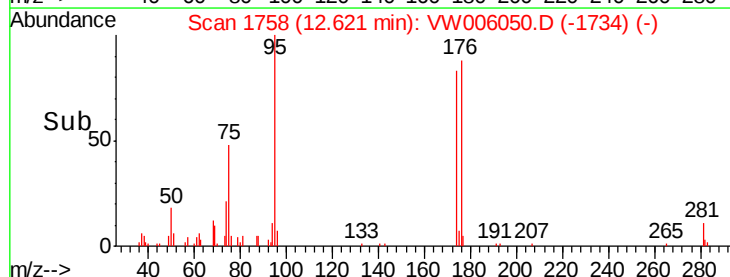
75 100

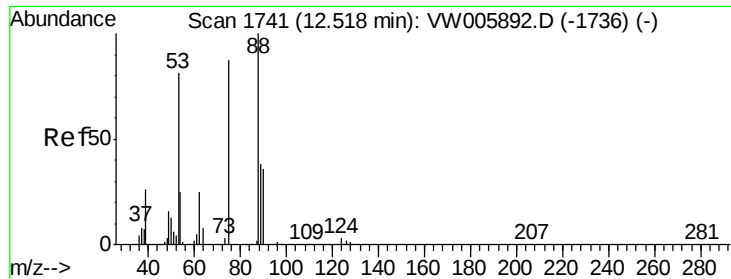
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 119.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006050.D

Acq: 12 Oct 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

MS-SOILRE

Tgt Ion: 75 Resp: 6462

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

