

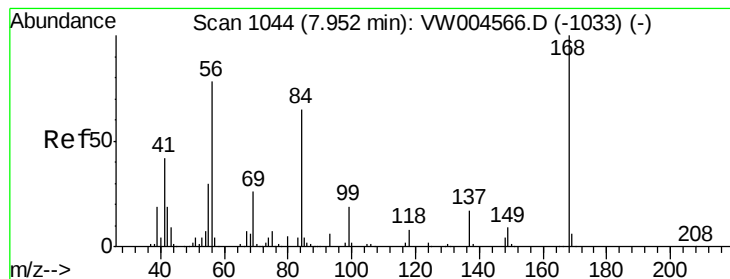
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004596.D
 Acq On : 10 Aug 2018 14:49
 Operator : SY/AP
 Sample : J4355-01
 Misc : 7.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-SOIL

Quant Time: Aug 11 01:00:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	581117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	974913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	878479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	378417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	298788	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	7.88	113	269739	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
50) Toluene-d8	10.33	98	933980	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.38%	
62) 4-Bromofluorobenzene	12.62	95	280972	31.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.94%	
Target Compounds						
16) Acetone	4.14	43	53408	33.245	ug/l	93
20) Methylene Chloride	4.92	84	45376	Below Cal		97
25) 2-Butanone	7.15	43	6075	2.351	ug/l #	85
31) Cyclohexane	7.95	56	12199	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	45348	4.320	ug/l #	49
38) Carbon Tetrachloride	7.96	117	55659	5.892	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	137587	35.137	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	137587	84.112	ug/l #	12
95) Naphthalene	15.39	128	915	2.966	ug/l #	77

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

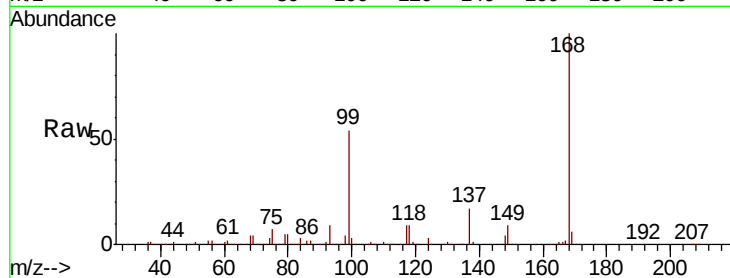
WC-SOIL

Tgt Ion:168 Resp: 581117

Ion Ratio Lower Upper

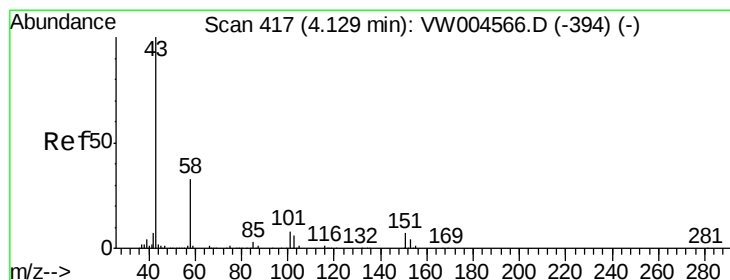
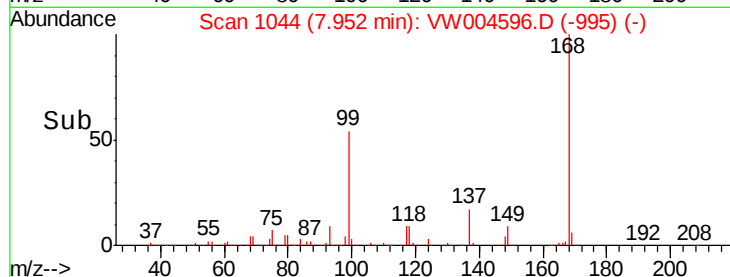
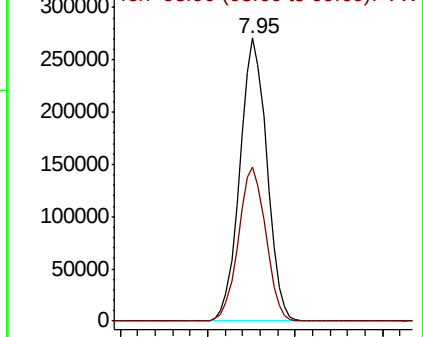
168 100

99 54.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 33.245 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW004596.D

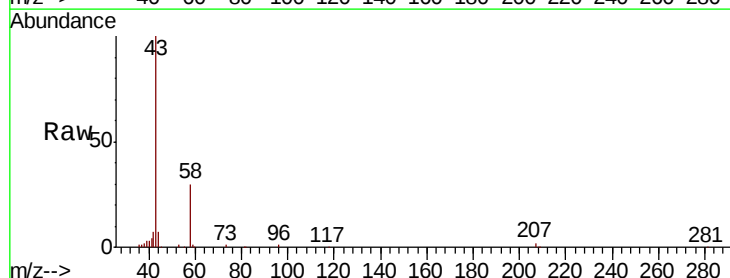
Acq: 10 Aug 2018 14:49

Tgt Ion: 43 Resp: 53408

Ion Ratio Lower Upper

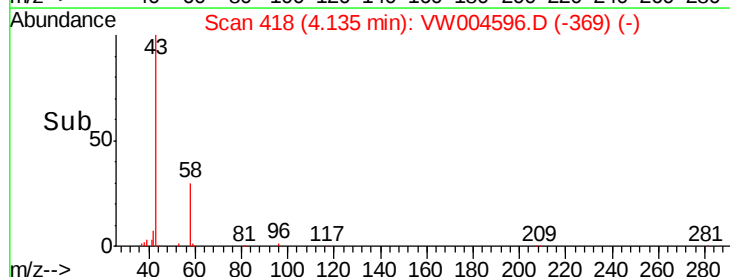
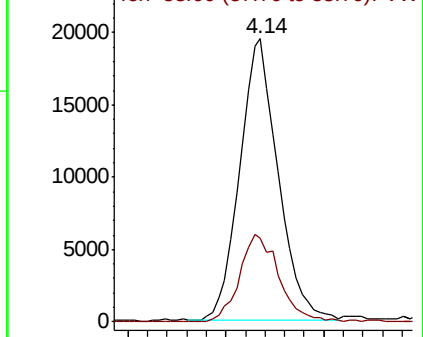
43 100

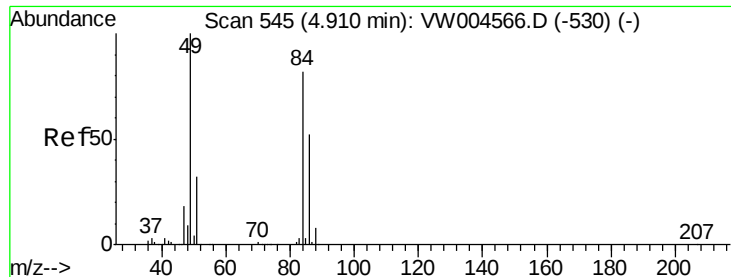
58 29.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

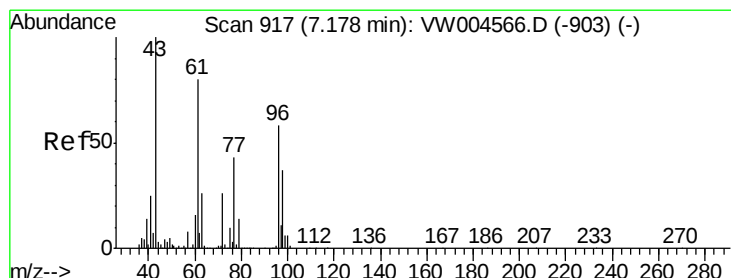
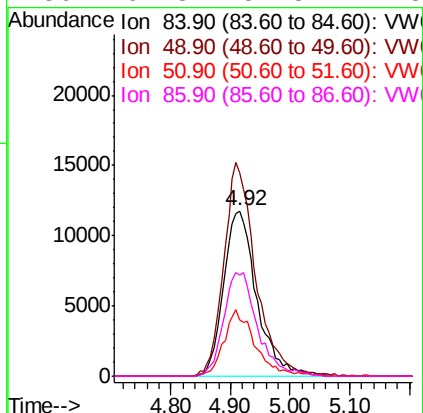
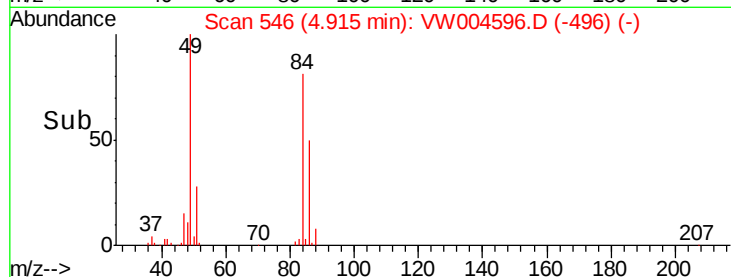
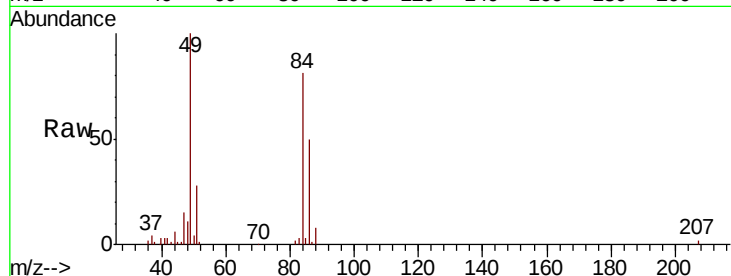




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004596.D
Acq: 10 Aug 2018 14:49

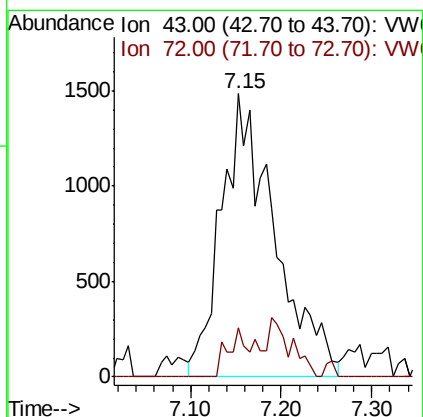
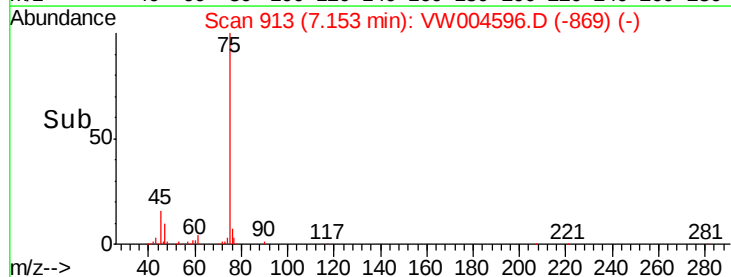
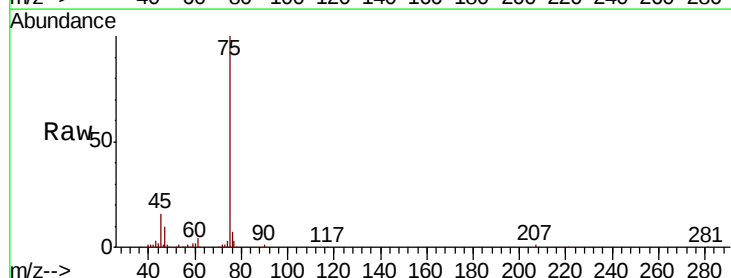
Instrument :
MSVOA_W
ClientSampled :
WC-SOIL

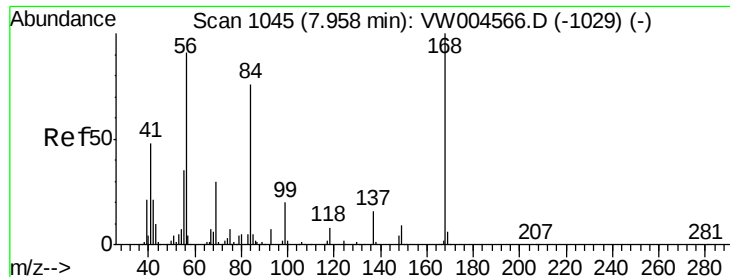
Tgt Ion: 84 Resp: 45376
Ion Ratio Lower Upper
84 100
49 122.7 99.6 149.4
51 34.2 31.0 46.4
86 61.3 51.5 77.3



#25
2-Butanone
Concen: 2.351 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004596.D
Acq: 10 Aug 2018 14:49

Tgt Ion: 43 Resp: 6075
Ion Ratio Lower Upper
43 100
72 18.4 21.0 31.6#

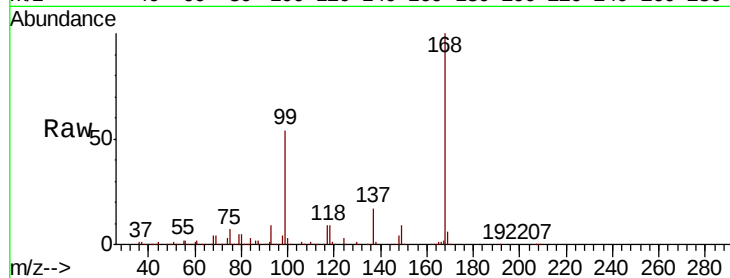




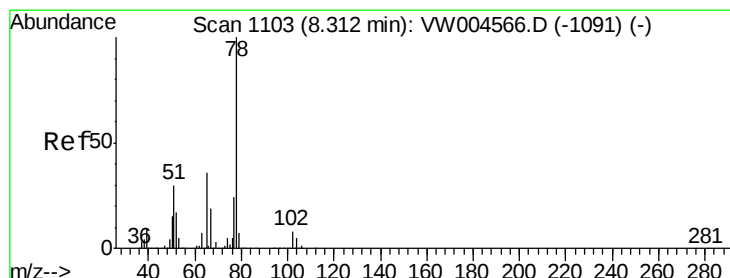
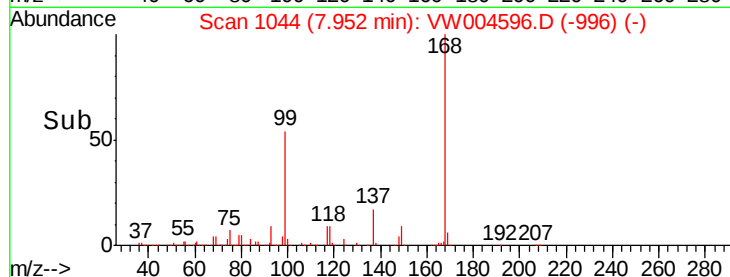
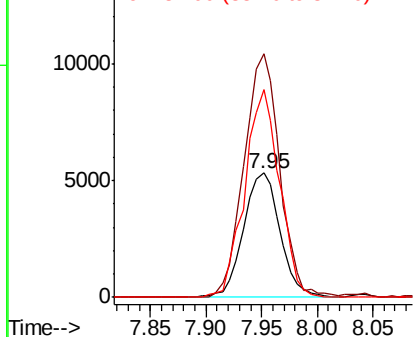
#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004596.D
Acq: 10 Aug 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
WC-SOIL

Tgt Ion: 56 Resp: 12199
Ion Ratio Lower Upper
56 100
69 196.2 26.4 39.6#
84 167.4 66.9 100.3#

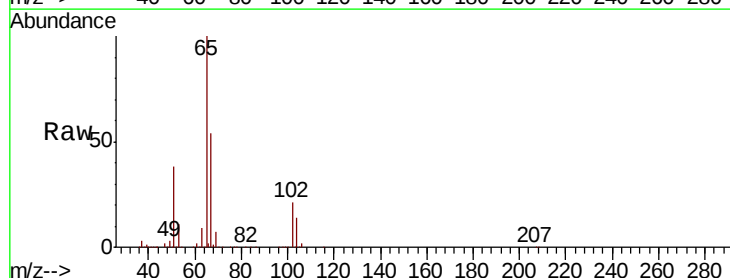


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

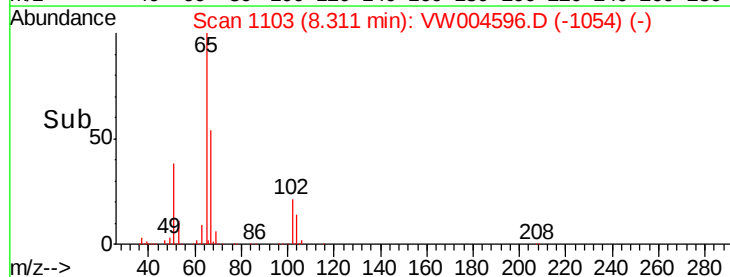
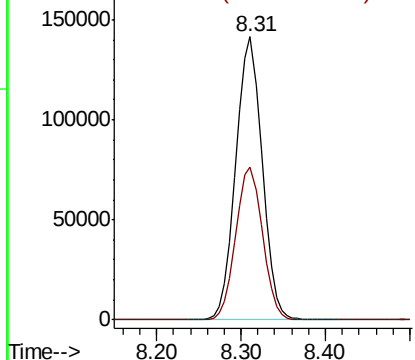


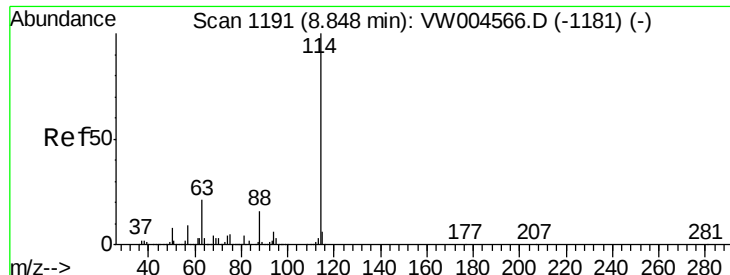
#33
1,2-Dichloroethane-d4
Concen: 46.448 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004596.D
Acq: 10 Aug 2018 14:49

Tgt Ion: 65 Resp: 298788
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

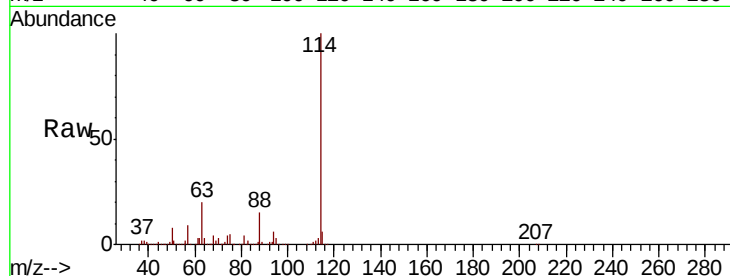




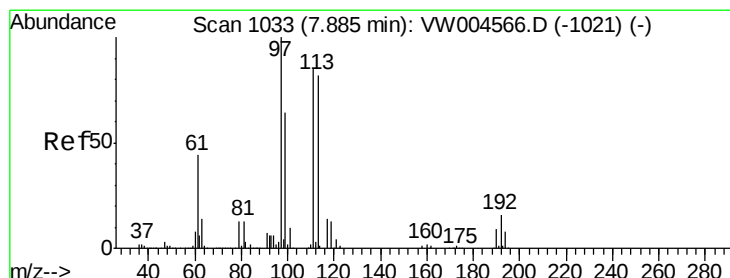
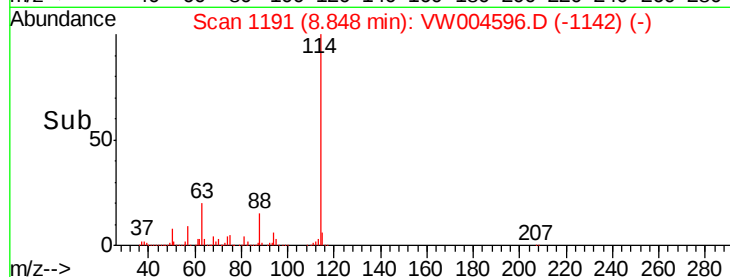
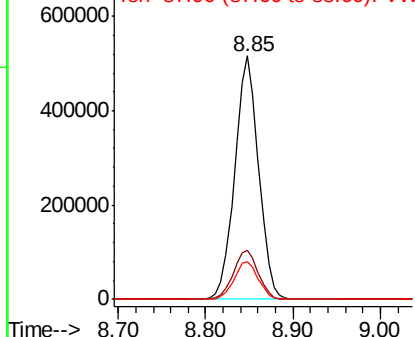
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004596.D
 Acq: 10 Aug 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-SOIL

Tgt Ion:114 Resp: 974913
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.4 0.0 31.2

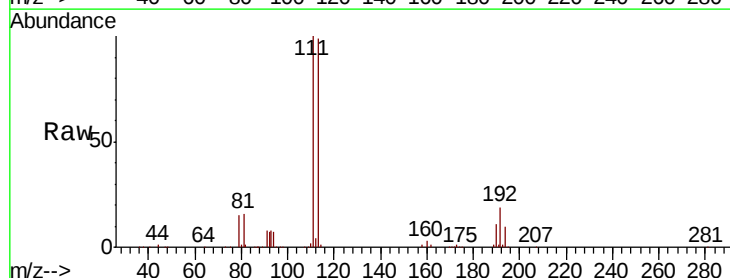


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

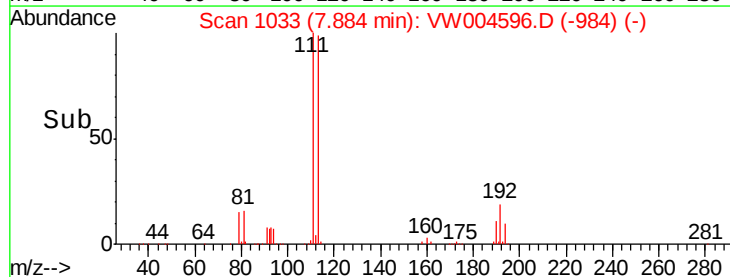
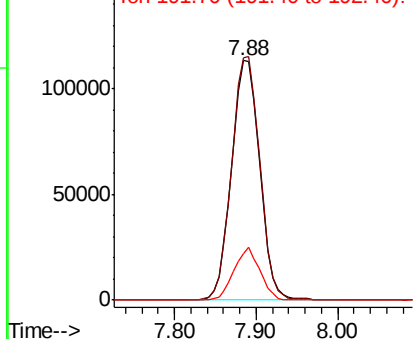


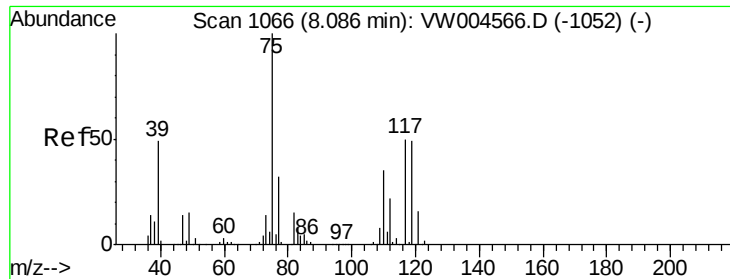
#35
 Dibromofluoromethane
 Concen: 41.496 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004596.D
 Acq: 10 Aug 2018 14:49

Tgt Ion:113 Resp: 269739
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 20.1 15.8 23.6



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





#36

1,1-Dichloropropene

Concen: 4.320 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampled :

WC-SOIL

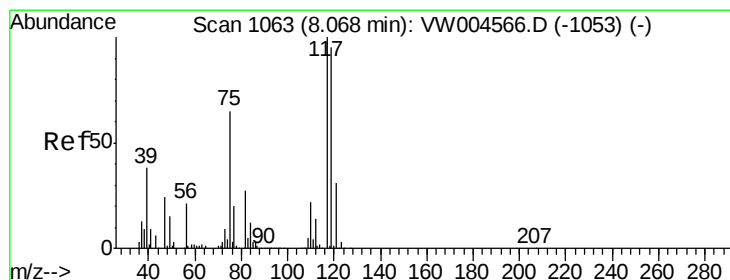
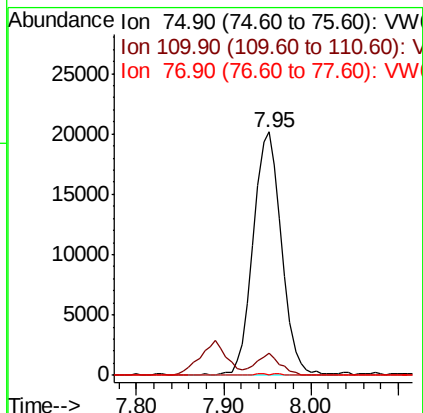
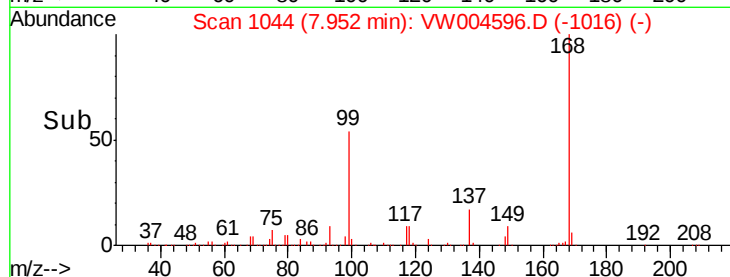
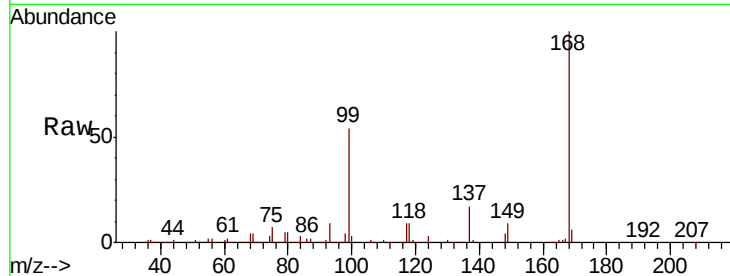
Tgt Ion: 75 Resp: 45348

Ion Ratio Lower Upper

75 100

110 7.9 17.4 52.2#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.892 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

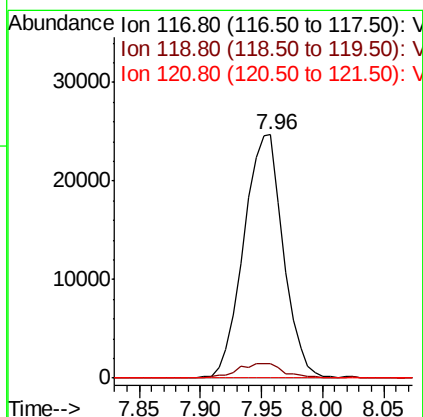
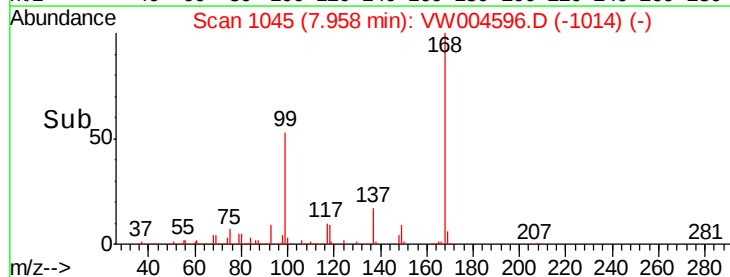
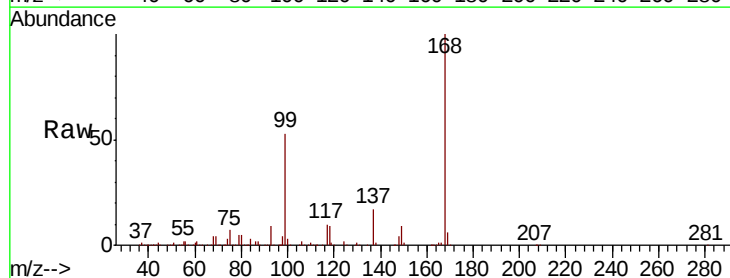
Tgt Ion: 117 Resp: 55659

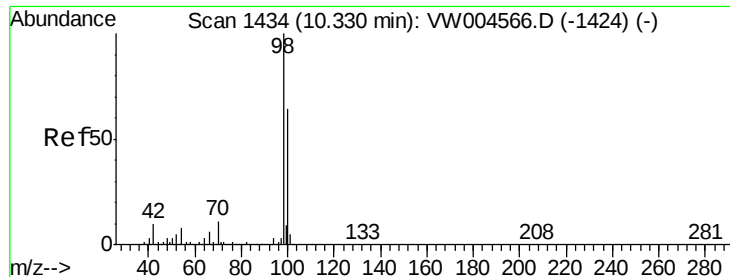
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 37.688 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

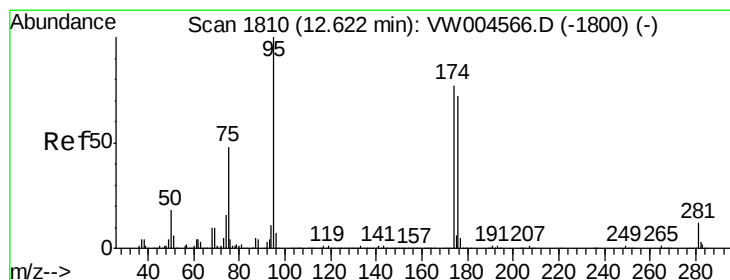
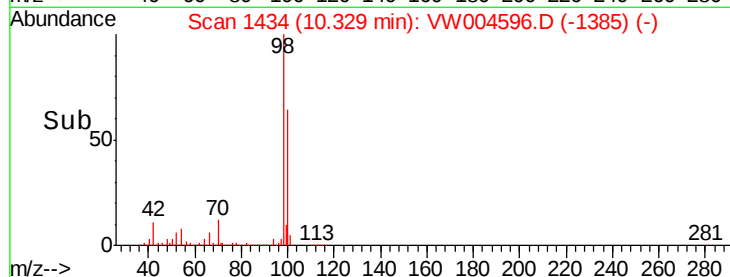
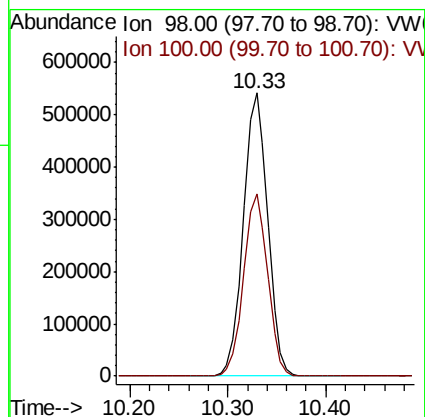
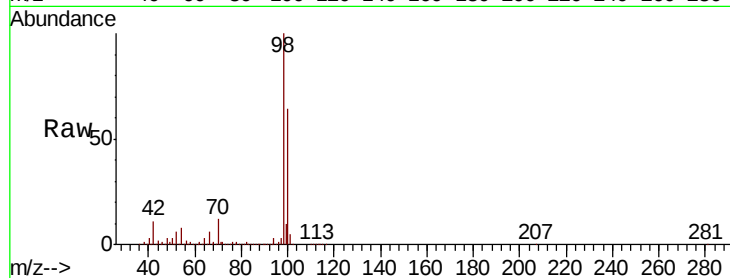
WC-SOIL

Tgt Ion: 98 Resp: 933980

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 31.475 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

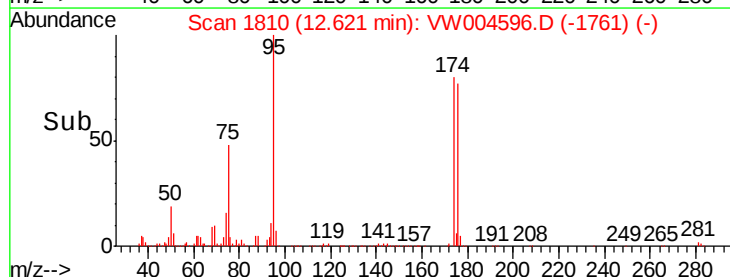
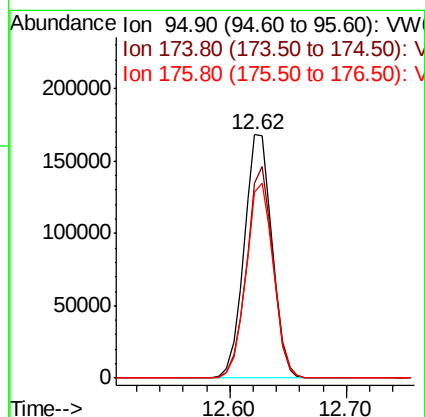
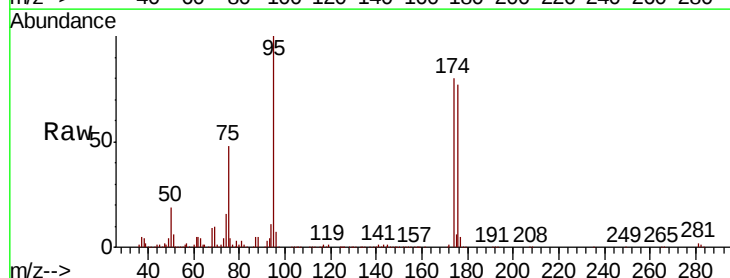
Tgt Ion: 95 Resp: 280972

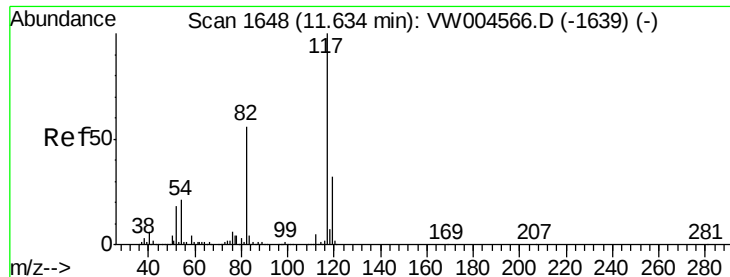
Ion Ratio Lower Upper

95 100

174 83.4 0.0 160.4

176 79.0 0.0 153.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

WC-SOIL

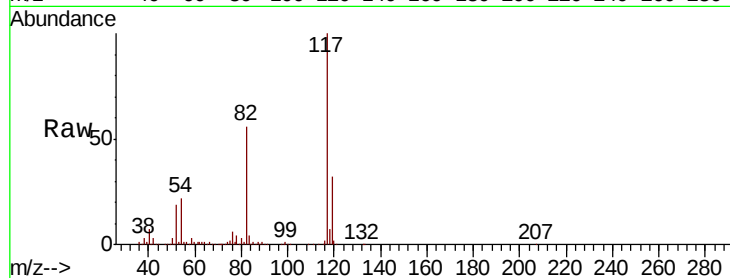
Tgt Ion:117 Resp: 878479

Ion Ratio Lower Upper

117 100

82 56.4 45.3 67.9

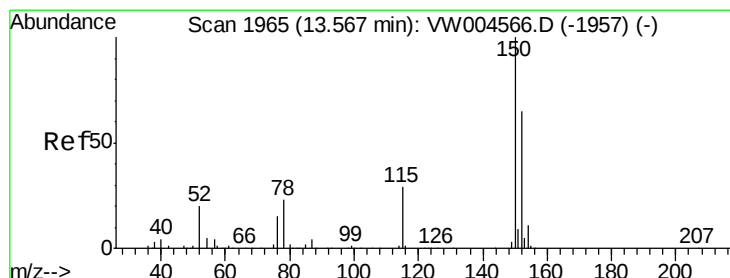
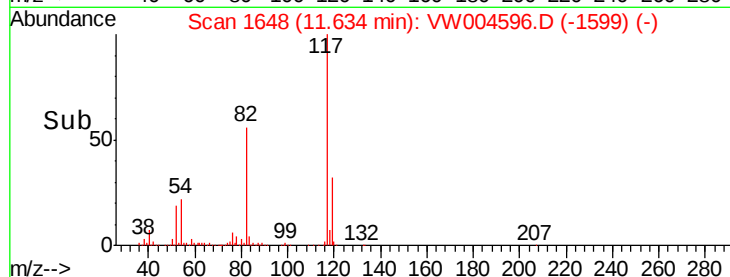
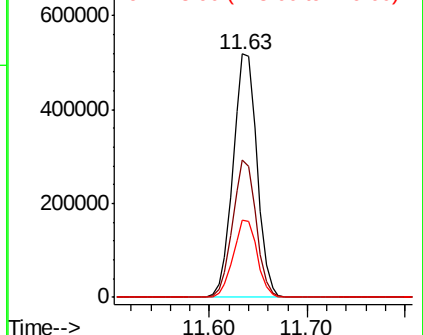
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

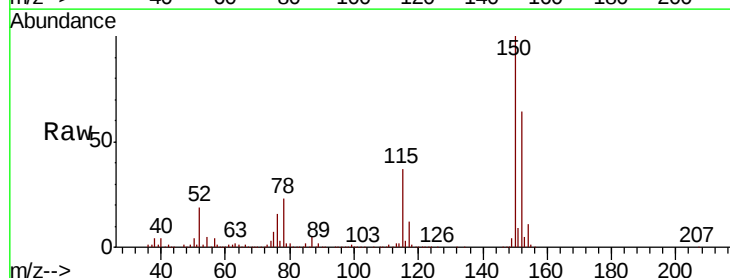
Tgt Ion:152 Resp: 378417

Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

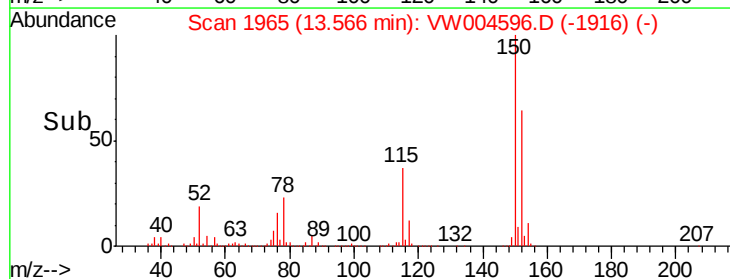
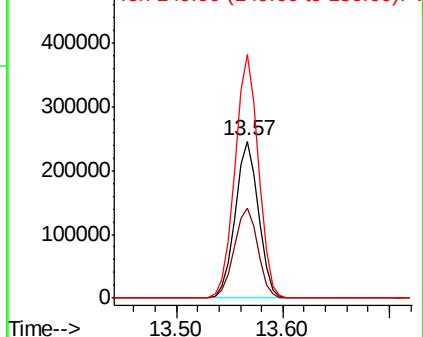
150 156.3 0.0 349.6

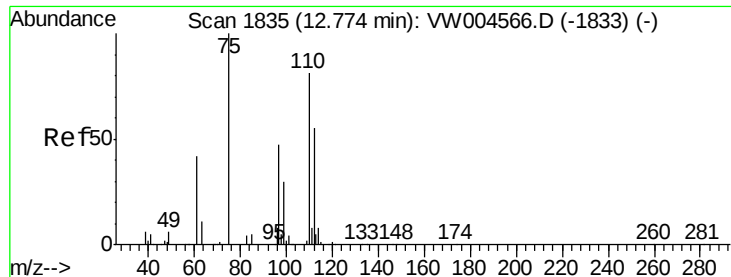


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

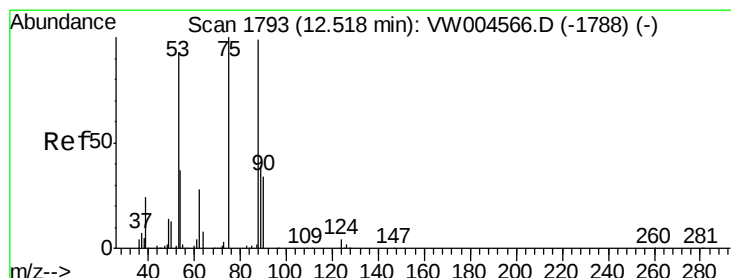
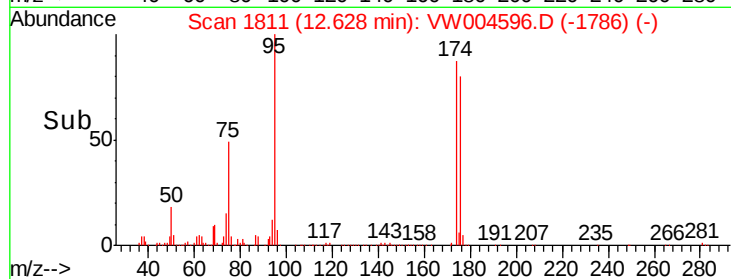
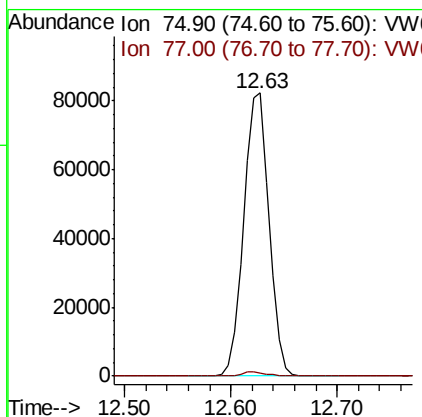
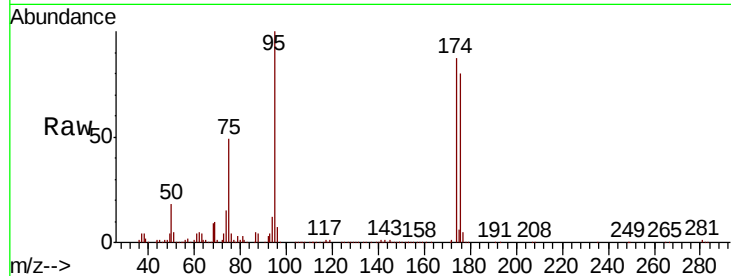




#76
 1,2,3-Trichloropropane
 Concen: 35.137 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW004596.D
 Acq: 10 Aug 2018 14:49

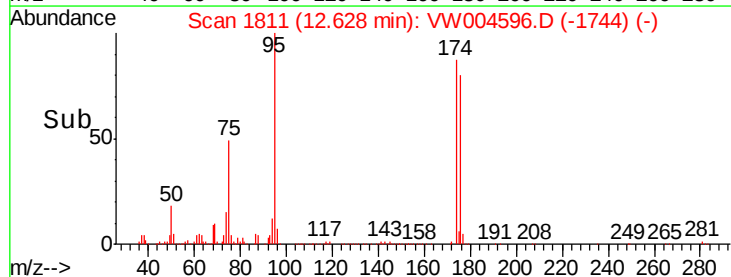
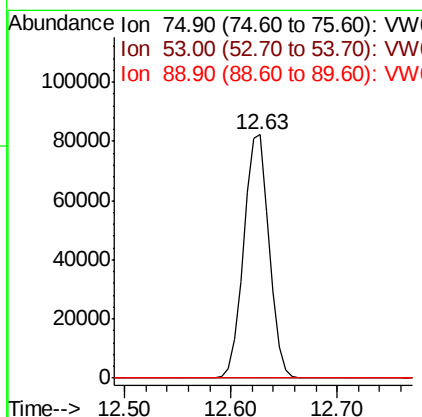
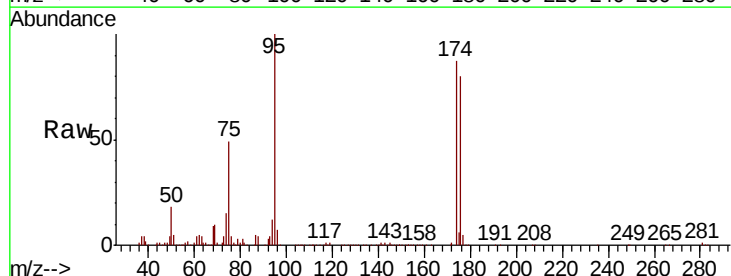
Instrument :
 MSVOA_W
 ClientSampleId :
 WC-SOIL

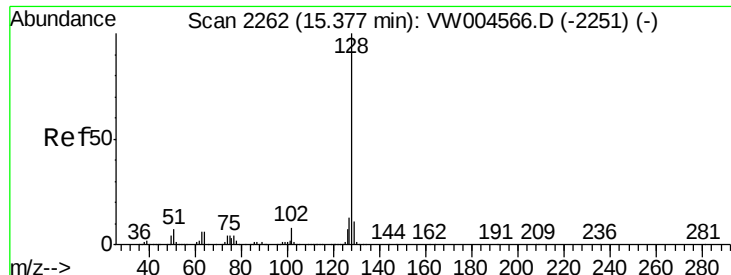
Tgt Ion: 75 Resp: 137587
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.112 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW004596.D
 Acq: 10 Aug 2018 14:49

Tgt Ion: 75 Resp: 137587
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.4 111.6#
 89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 2.966 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VW004596.D

Acq: 10 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

WC-SOIL

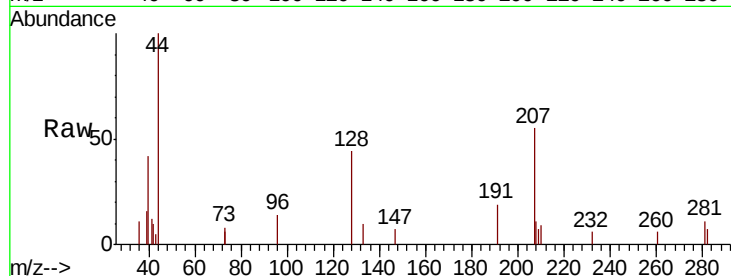
Tgt Ion:128 Resp: 915

Ion Ratio Lower Upper

128 100

127 2.7 10.3 15.5#

129 3.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

