

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006610.D
 Acq On : 02 Nov 2018 19:08
 Operator : SY/AP
 Sample : J5724-06
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(IN-BUCKET)

Quant Time: Nov 03 00:27:02 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

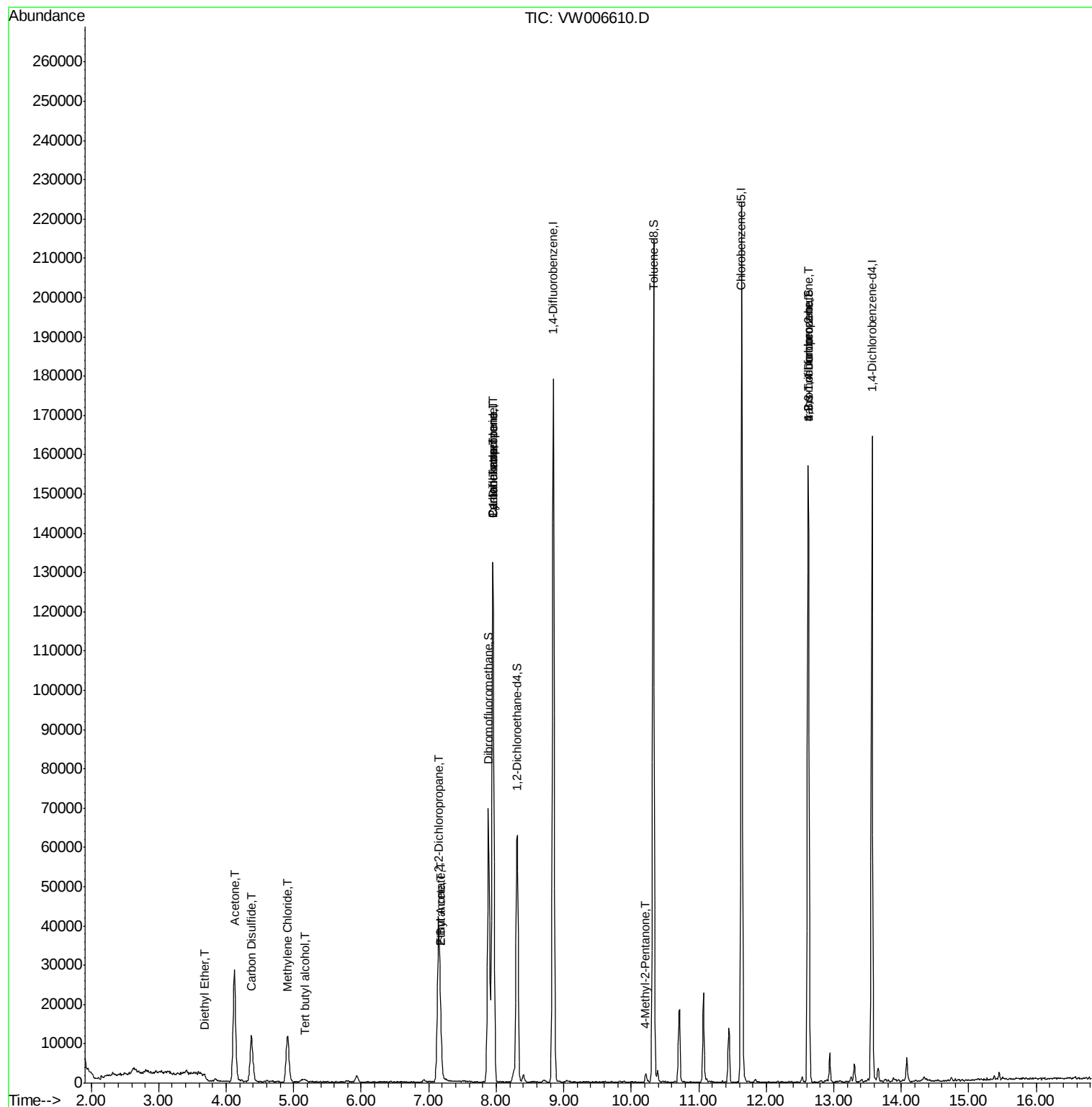
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	162349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50989	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	48030	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.33	98	147965	38.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.30%	
62) 4-Bromofluorobenzene	12.62	95	40957	29.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.26%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	775	1.606	ug/l	87
11) Tert butyl alcohol	5.17	59	298	5.763	ug/l #	84
16) Acetone	4.12	43	48382	312.275	ug/l	98
17) Carbon Disulfide	4.37	76	23030	8.887	ug/l	98
20) Methylene Chloride	4.91	84	9615	4.091	ug/l	96
25) 2-Butanone	7.18	43	11996	54.260	ug/l	97
26) 2,2-Dichloropropane	7.15	77	2989	2.954	ug/l #	49
31) Cyclohexane	7.95	56	1822	1.192	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	7206	5.047	ug/l #	48
37) Ethyl Acetate	7.18	43	11996	24.246	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9959	6.676	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1529	3.015	ug/l	90
76) 1,2,3-Trichloropropane	12.62	75	19869	53.677	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19869	134.273	ug/l #	11

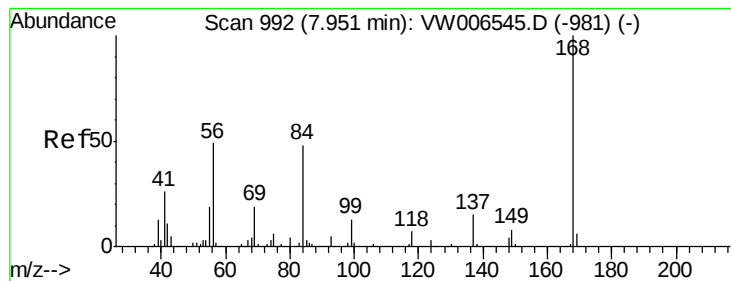
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

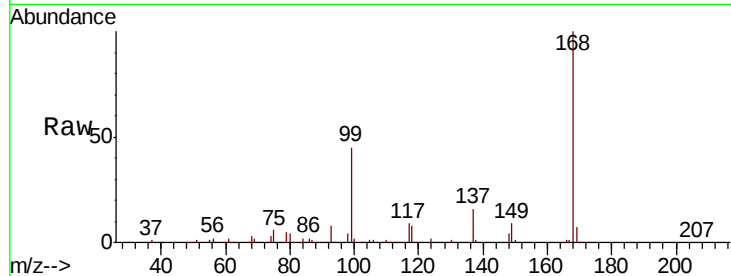
DARK-SOIL(IN-BUCKET)

Tgt Ion:168 Resp: 111639

Ion Ratio Lower Upper

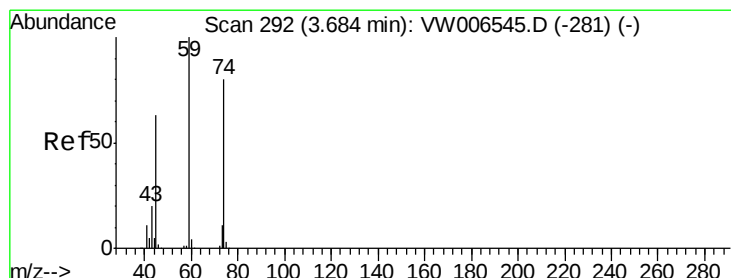
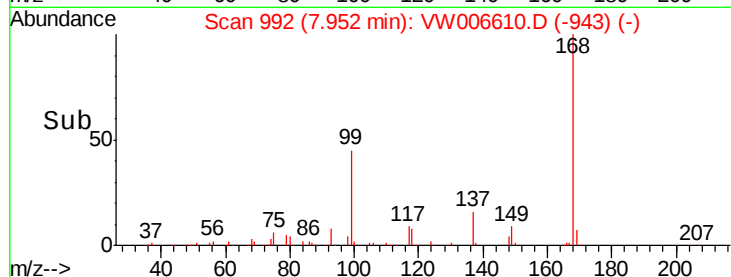
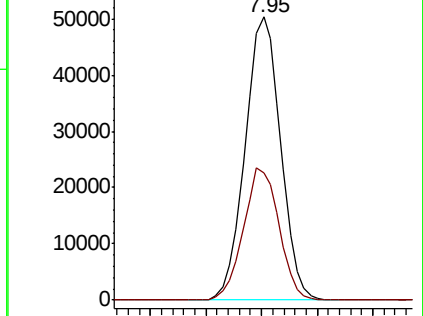
168 100

99 45.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.606 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006610.D

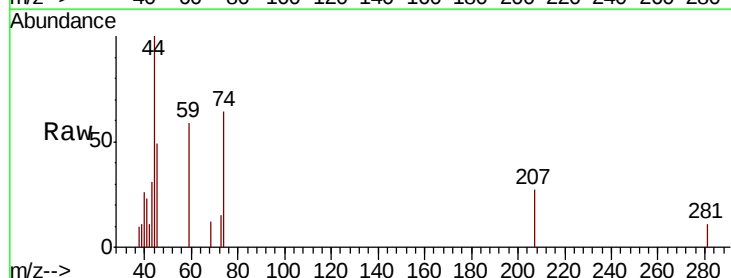
Acq: 02 Nov 2018 19:08

Tgt Ion: 74 Resp: 775

Ion Ratio Lower Upper

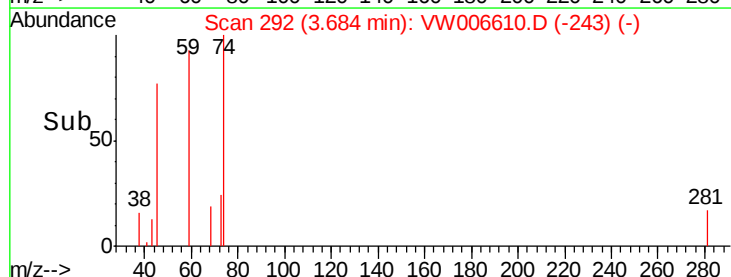
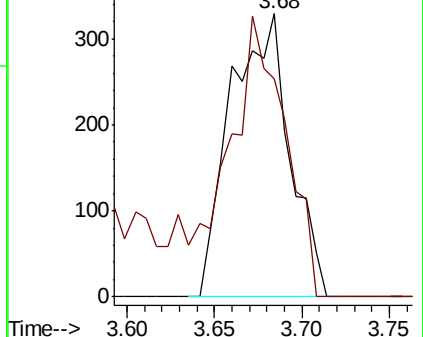
74 100

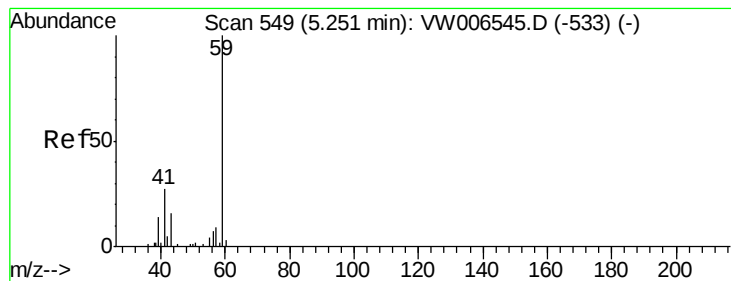
45 93.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



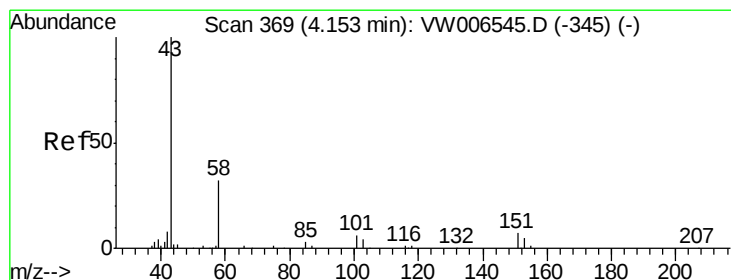
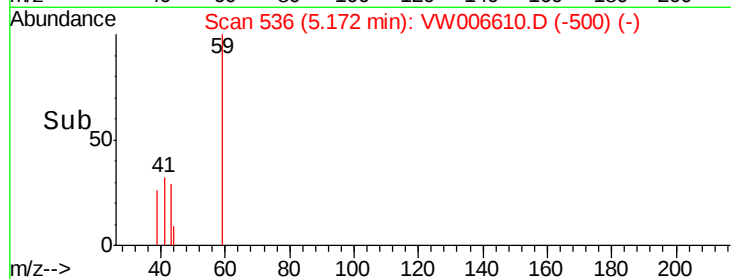
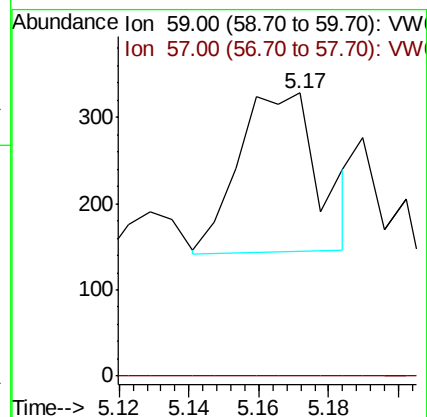
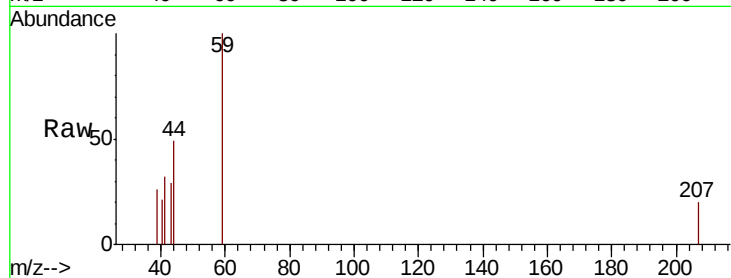


#11

Tert butyl alcohol
 Concen: 5.763 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.08 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

Instrument :
 MSVOA_W
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 DARK-SOIL(IN-BUCKET)

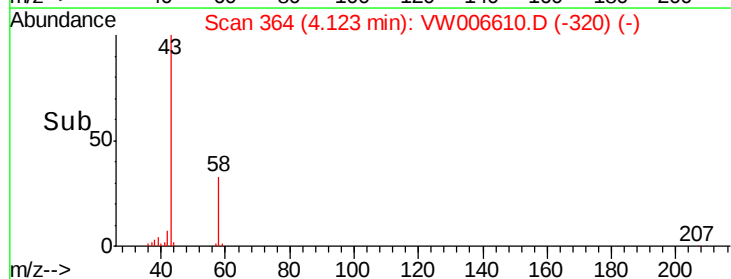
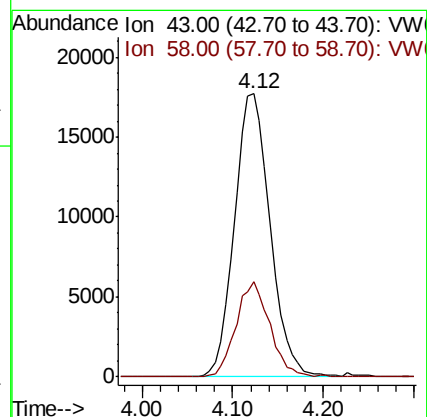
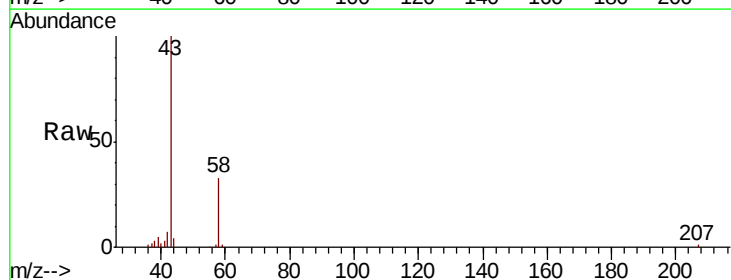
Tgt Ion: 59 Resp: 298
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#

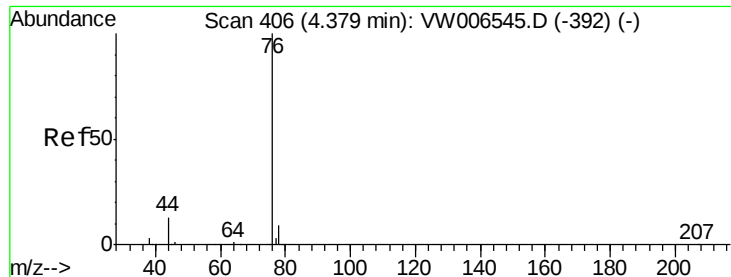


#16

Acetone
 Concen: 312.275 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.03 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

Tgt Ion: 43 Resp: 48382
 Ion Ratio Lower Upper
 43 100
 58 33.4 25.8 38.8

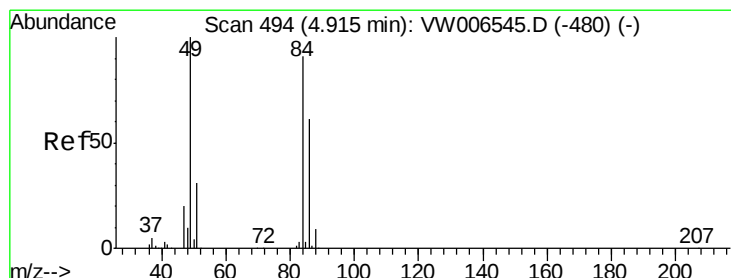
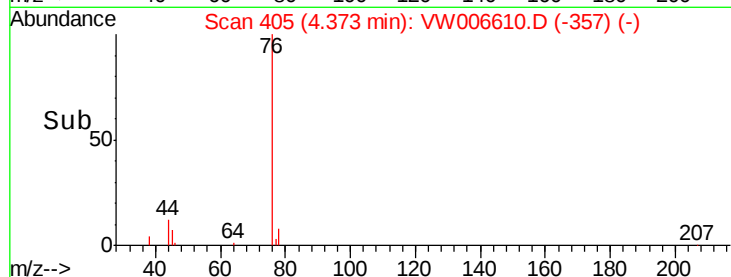
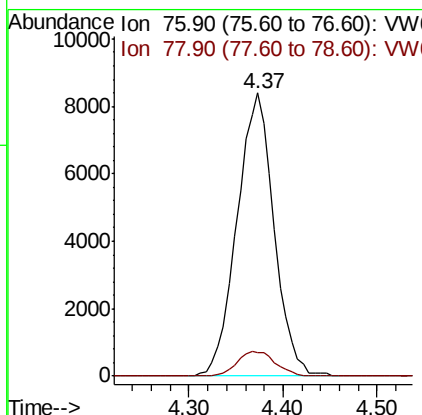
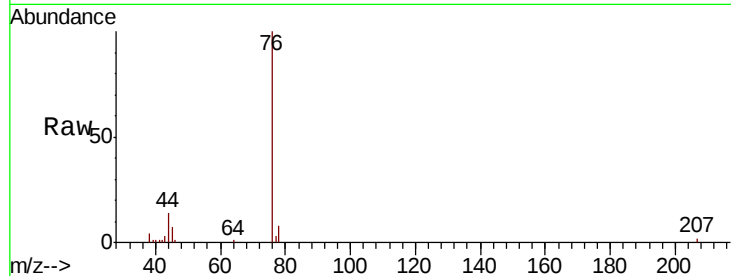




#17
Carbon Disulfide
Concen: 8.887 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

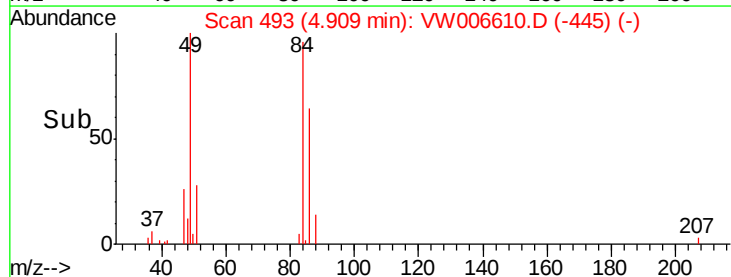
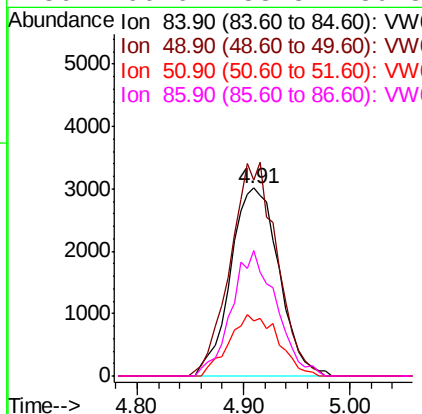
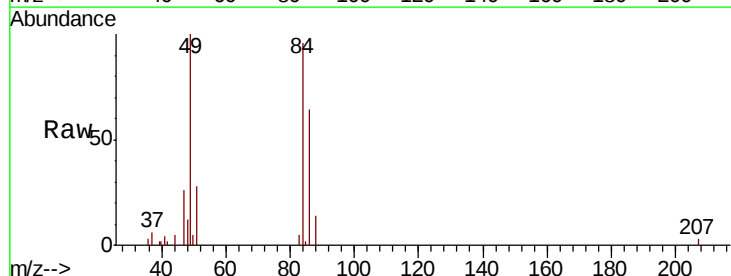
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

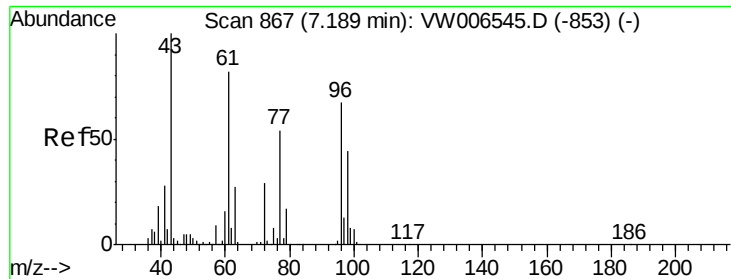
Tgt Ion: 76 Resp: 23030
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#20
Methylene Chloride
Concen: 4.091 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion: 84 Resp: 9615
Ion Ratio Lower Upper
84 100
49 104.3 88.2 132.4
51 29.2 27.0 40.6
86 66.6 53.8 80.8





#25

2-Butanone

Concen: 54.260 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

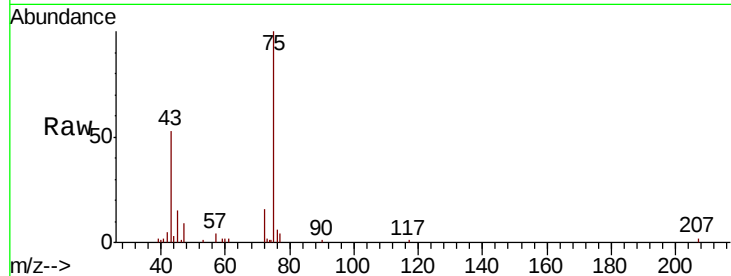
DARK-SOIL(IN-BUCKET)

Tgt Ion: 43 Resp: 11996

Ion Ratio Lower Upper

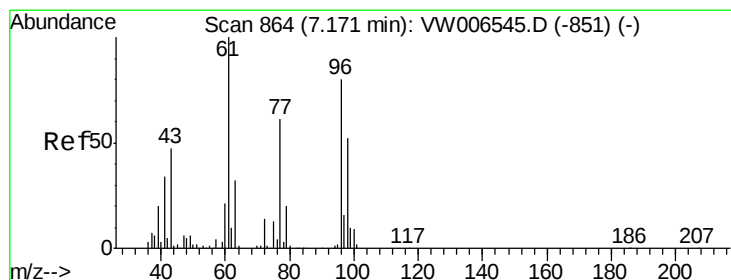
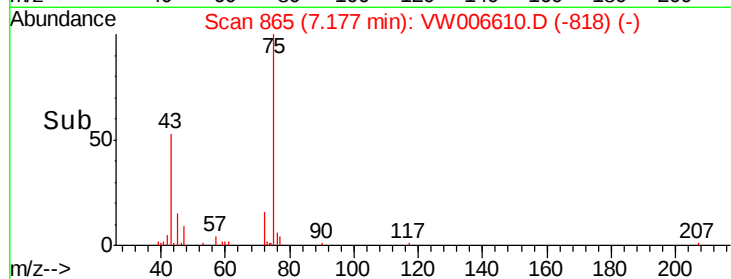
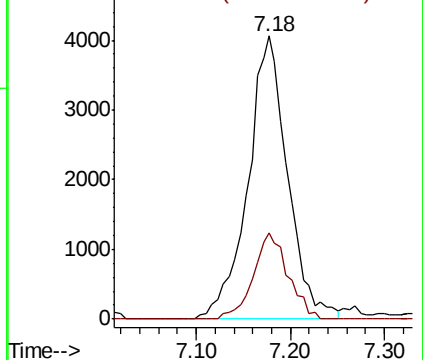
43 100

72 30.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 2.954 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW006610.D

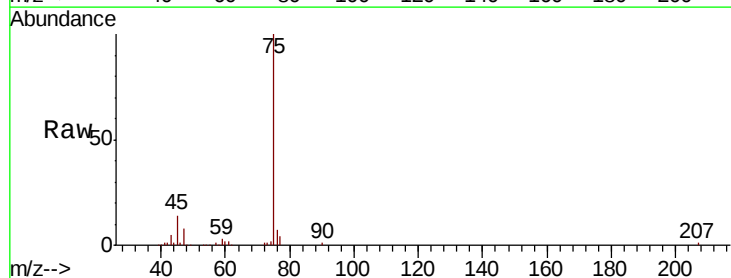
Acq: 02 Nov 2018 19:08

Tgt Ion: 77 Resp: 2989

Ion Ratio Lower Upper

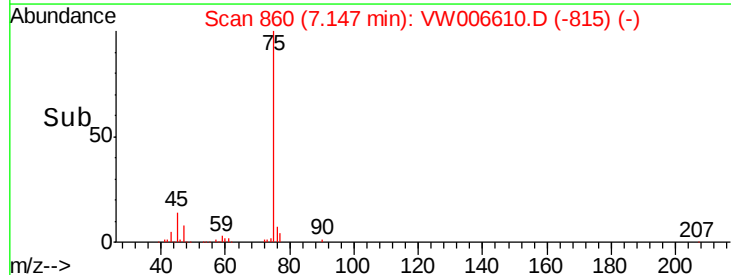
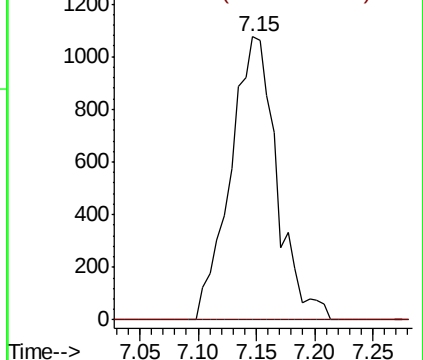
77 100

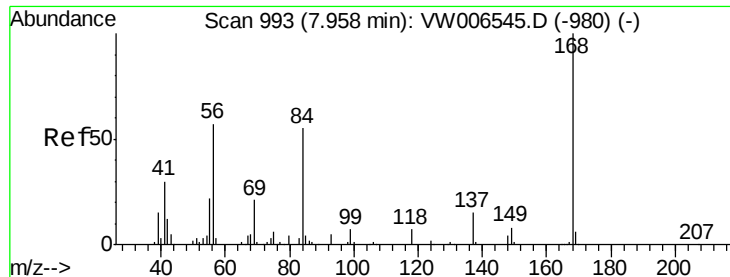
97 0.0 12.8 38.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

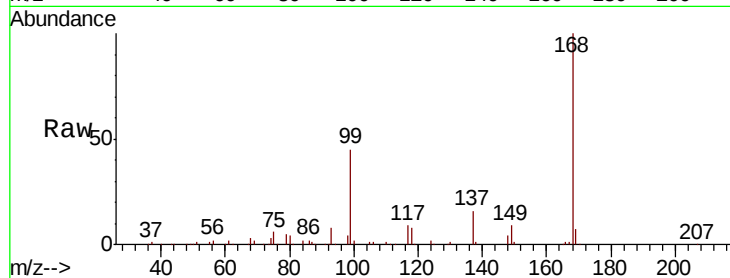




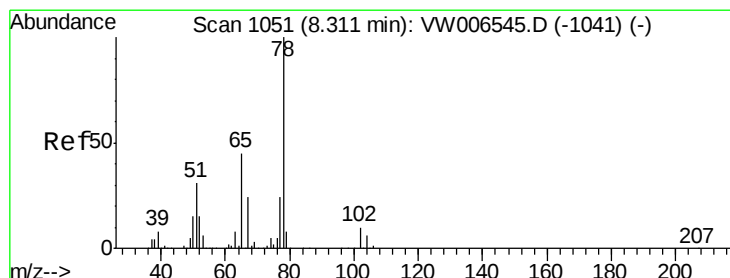
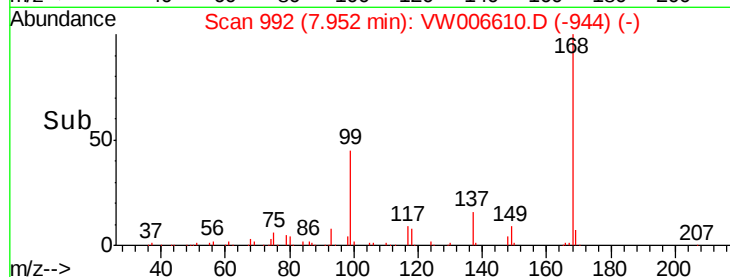
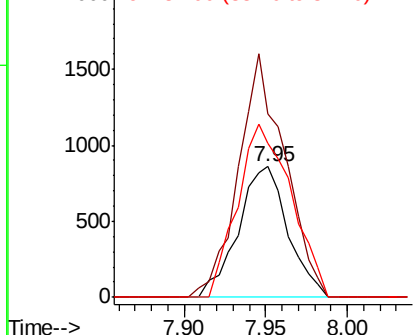
#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

Tgt Ion: 56 Resp: 1822
Ion Ratio Lower Upper
56 100
69 140.7 29.0 43.4#
84 118.0 77.8 116.6#

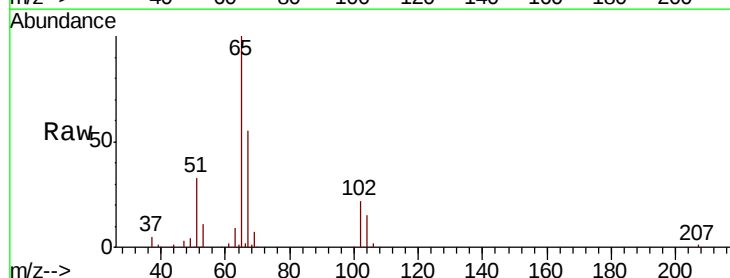


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

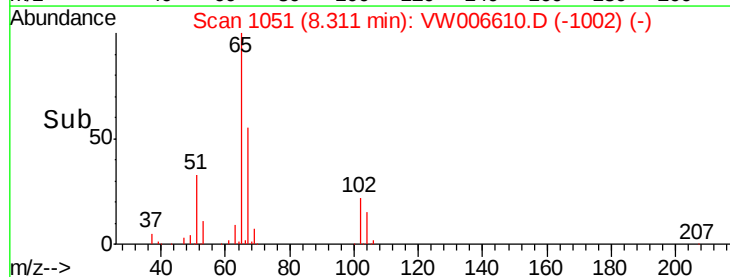
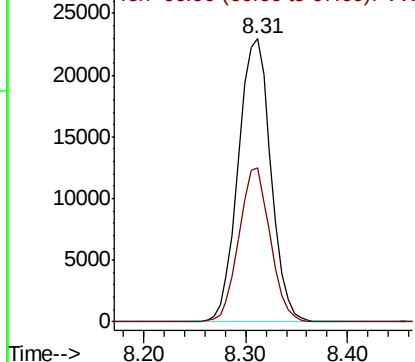


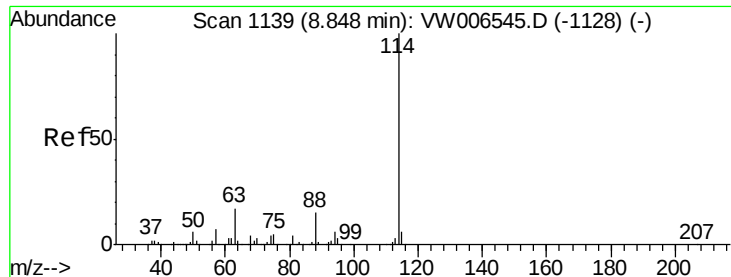
#33
1,2-Dichloroethane-d4
Concen: 53.133 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion: 65 Resp: 50989
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4



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

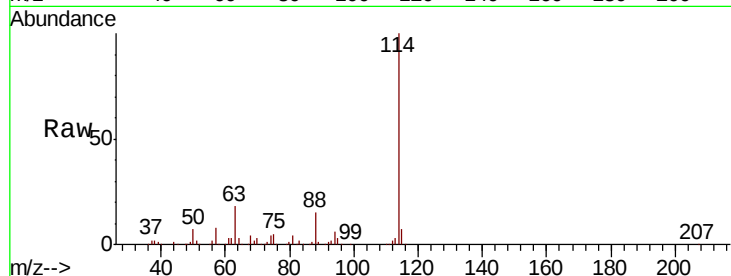




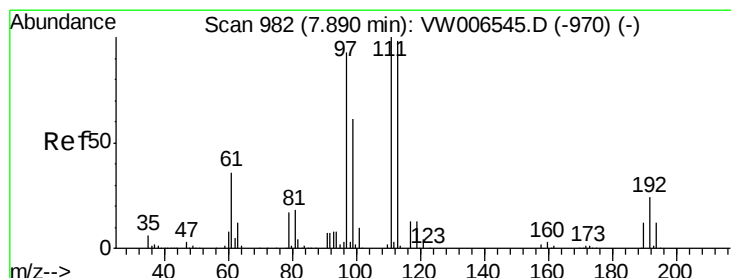
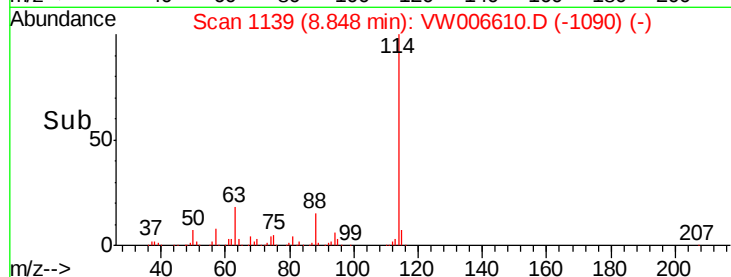
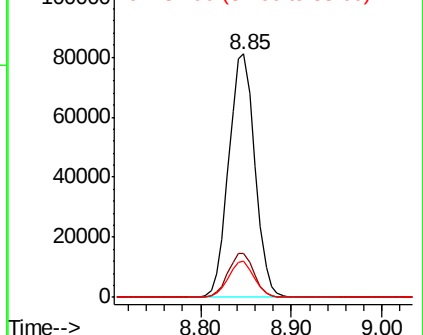
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

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Tgt Ion:114 Resp: 162349
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 14.6 0.0 29.0

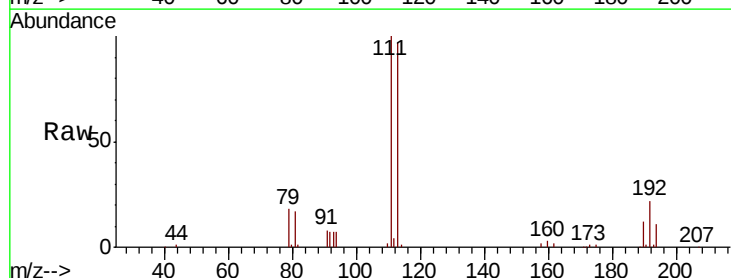


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

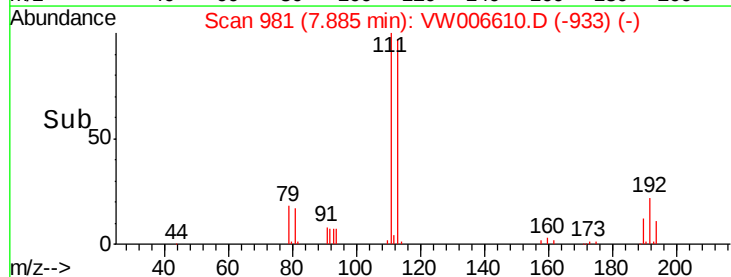
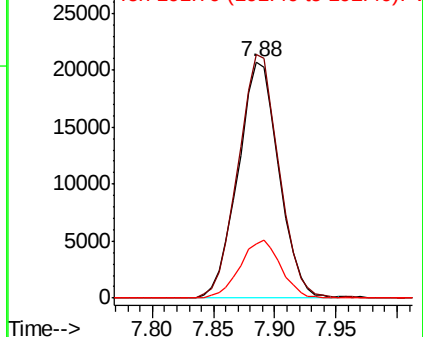


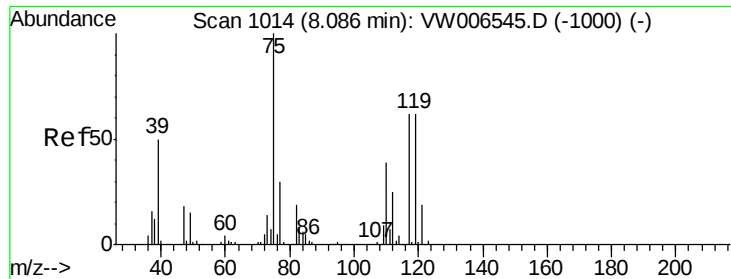
#35
 Dibromofluoromethane
 Concen: 47.141 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

Tgt Ion:113 Resp: 48030
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 24.5 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

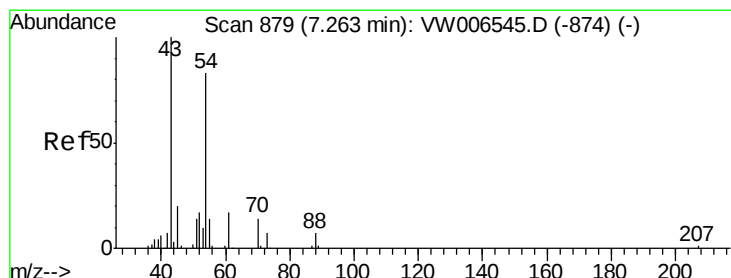
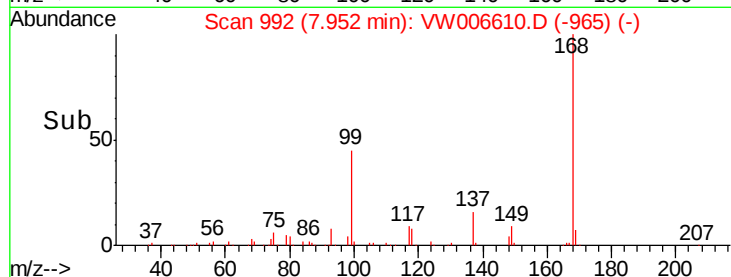
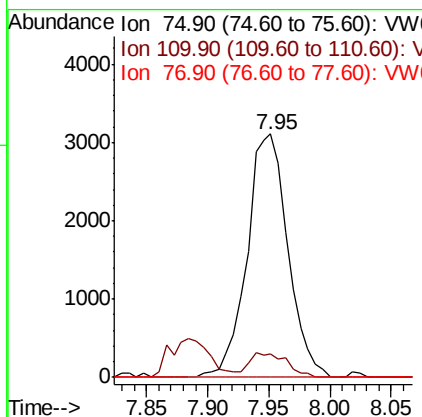
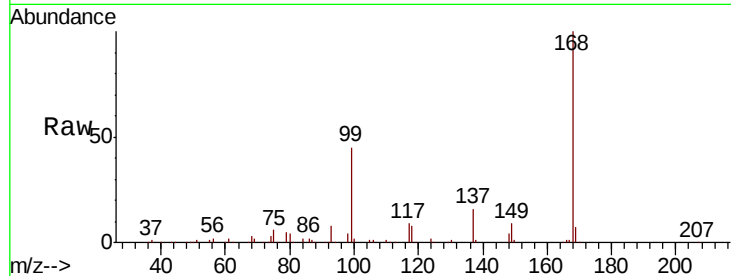




#36
 1,1-Dichloropropene
 Concen: 5.047 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

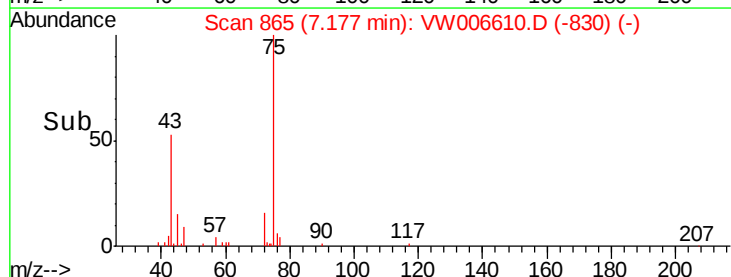
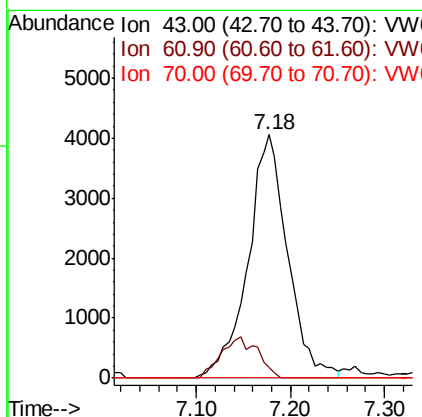
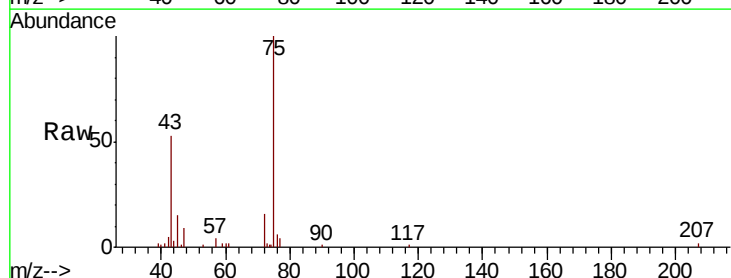
Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(IN-BUCKET)

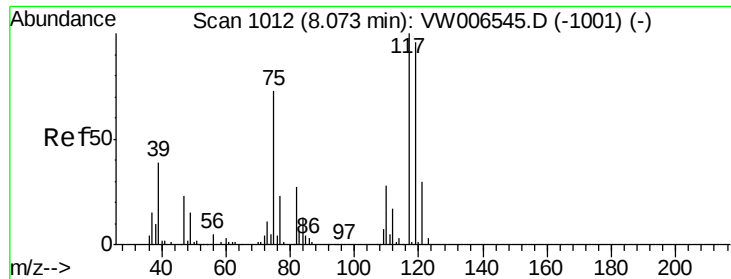
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 24.246 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VW006610.D
 Acq: 02 Nov 2018 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#

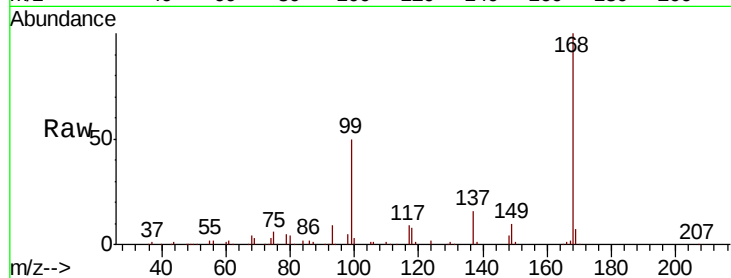




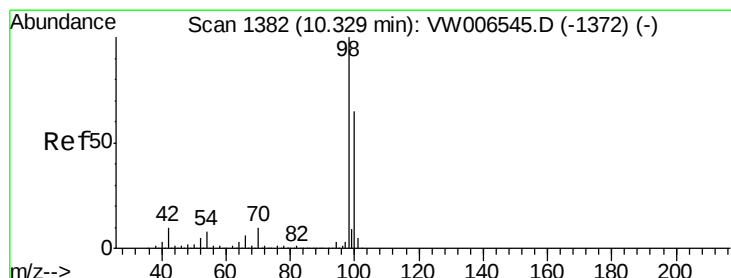
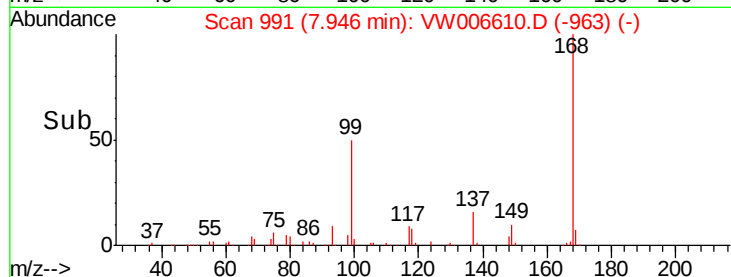
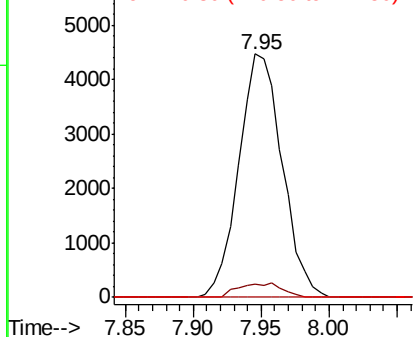
#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

Tgt Ion:117 Resp: 9959
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.1 36.1#

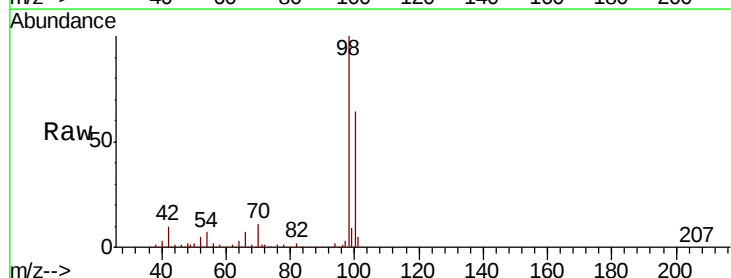


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

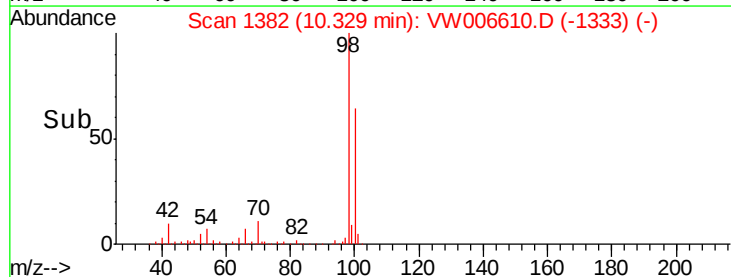
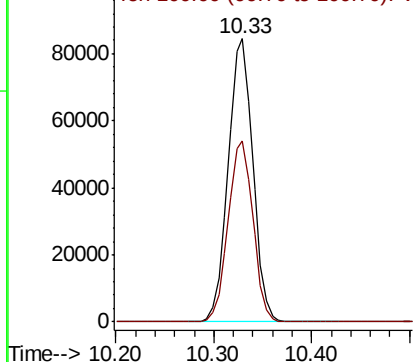


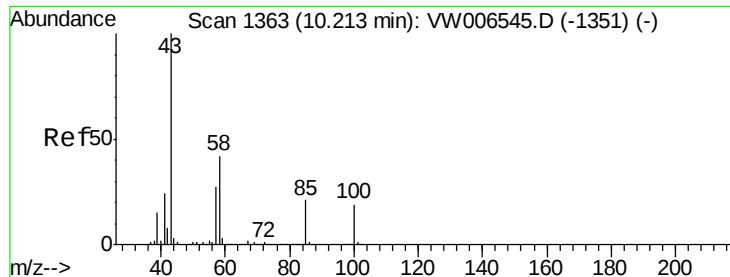
#50
Toluene-d8
Concen: 38.149 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion: 98 Resp: 147965
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

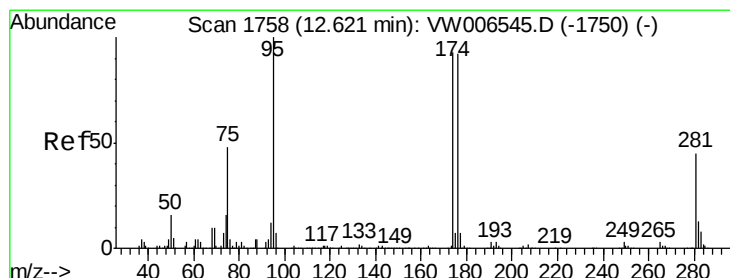
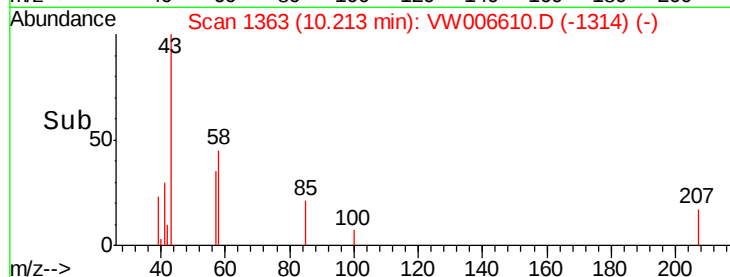
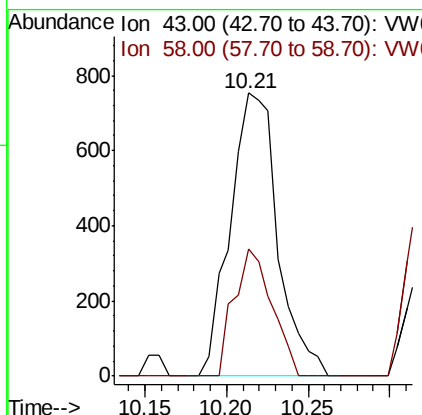
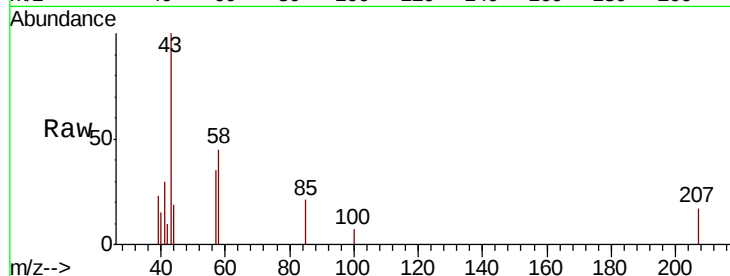




#51
4-Methyl-2-Pentanone
Concen: 3.015 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

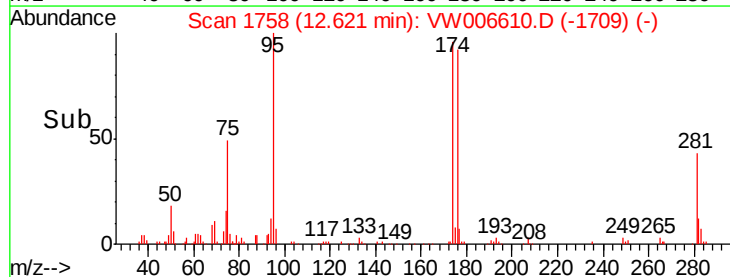
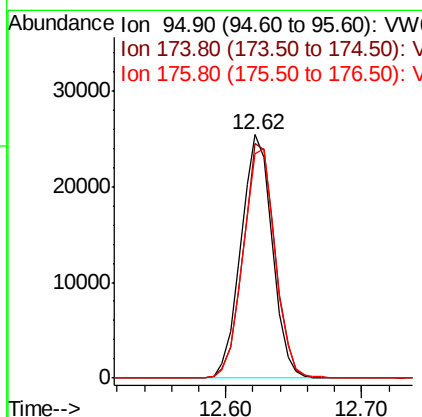
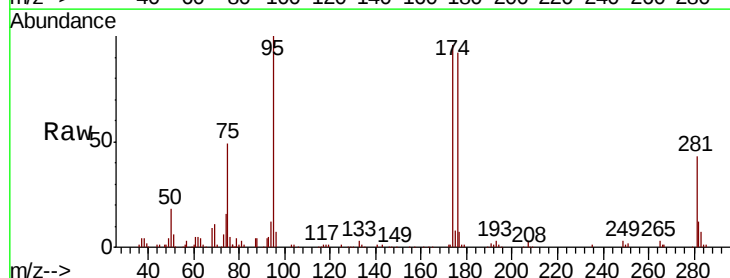
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

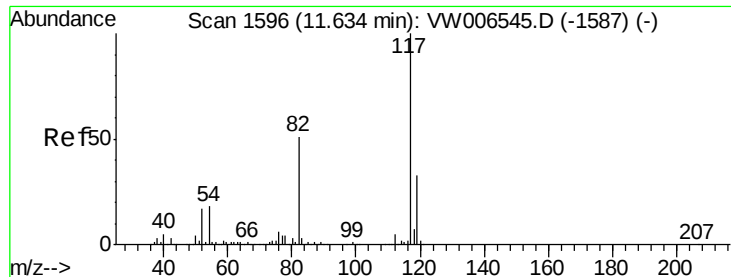
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 35.6 33.4 50.0



#62
4-Bromofluorobenzene
Concen: 29.127 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion: 95 Resp: 40957
Ion Ratio Lower Upper
95 100
174 97.8 0.0 192.4
176 96.1 0.0 187.4

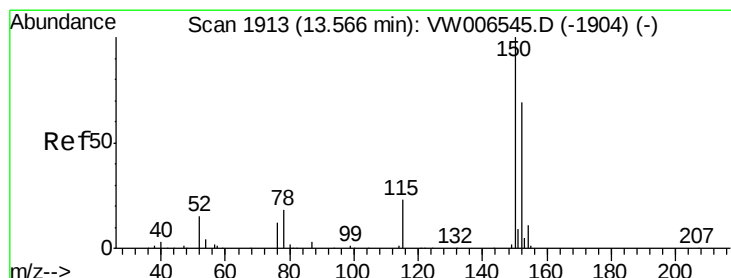
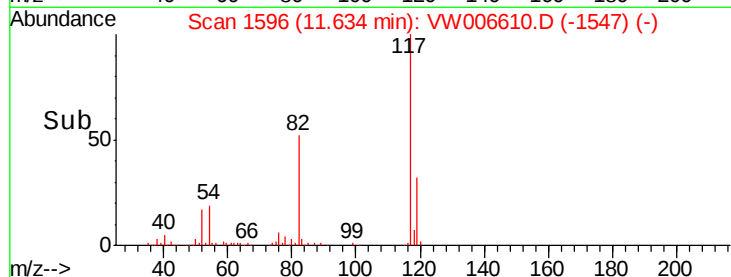
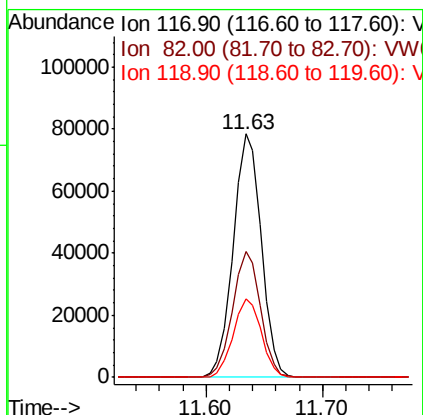
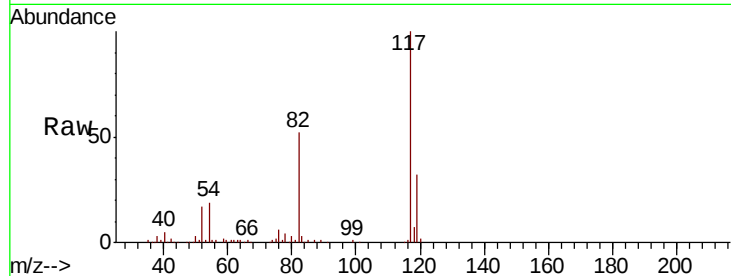




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

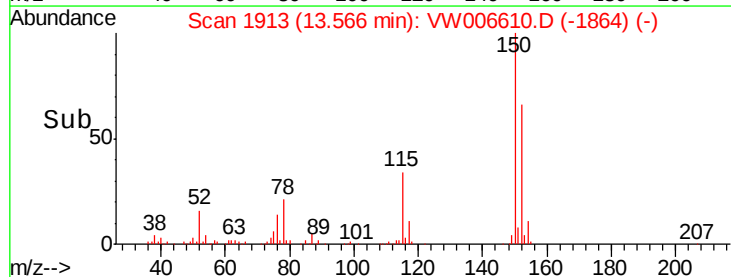
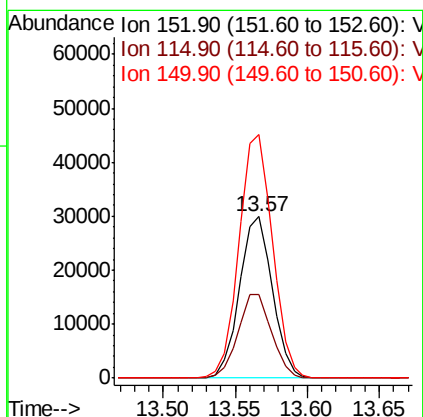
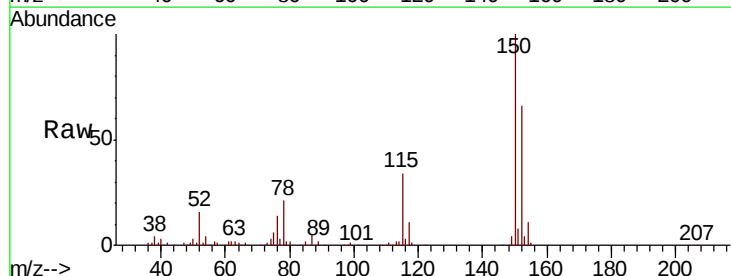
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(IN-BUCKET)

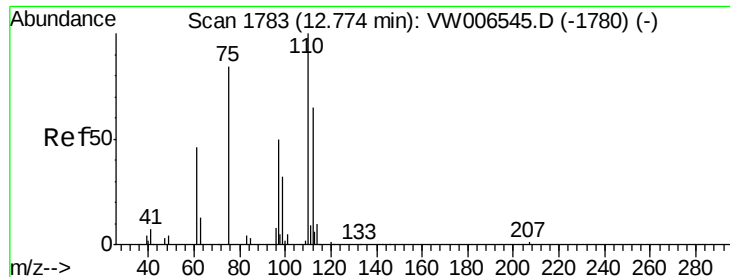
Tgt Ion:117 Resp: 131979
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006610.D
Acq: 02 Nov 2018 19:08

Tgt Ion:152 Resp: 47442
Ion Ratio Lower Upper
152 100
115 52.6 26.6 79.8
150 153.2 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 53.677 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

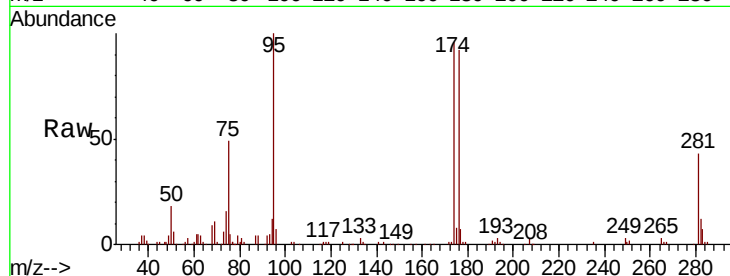
DARK-SOIL(IN-BUCKET)

Tgt Ion: 75 Resp: 19869

Ion Ratio Lower Upper

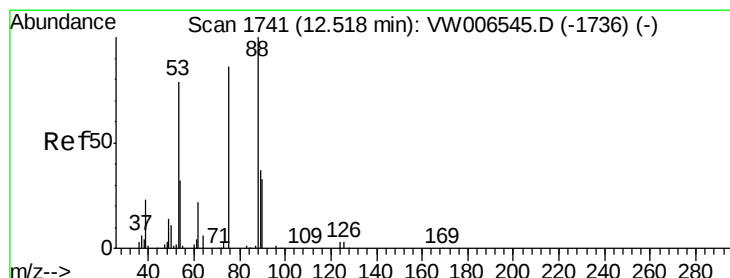
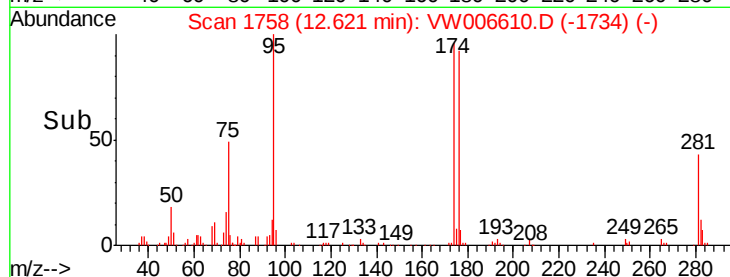
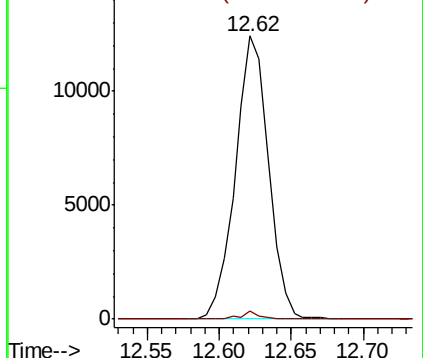
75 100

77 1.5 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: 134.273 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006610.D

Acq: 02 Nov 2018 19:08

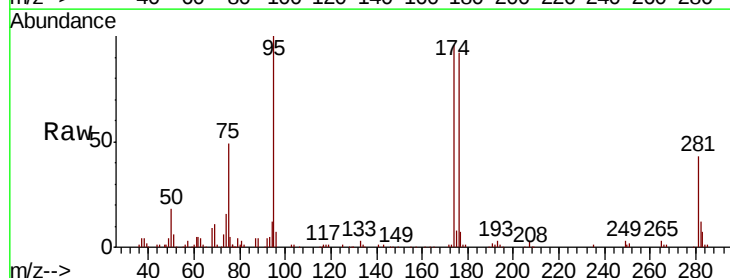
Tgt Ion: 75 Resp: 19869

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

