

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006100.D
 Acq On : 17 Oct 2018 02:38
 Operator : VA/AP
 Sample : J5536-01
 Misc : 7.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOIL

Quant Time: Oct 17 07:20:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	240020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	144290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	91621	70.52	ug/l	0.00
Spiked Amount			Recovery	=	141.04%	
35) Dibromofluoromethane	7.88	113	69087	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.33	98	161658	29.96	ug/l	0.00
Spiked Amount			Recovery	=	59.92%	
62) 4-Bromofluorobenzene	12.62	95	61661	30.43	ug/l	0.00
Spiked Amount			Recovery	=	60.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1666	2.361	ug/l	59
11) Tert butyl alcohol	5.22	59	1529	17.500	ug/l #	71
16) Acetone	4.14	43	11481	34.335	ug/l	94
18) Methyl Acetate	4.67	43	1481	2.265	ug/l #	70
20) Methylene Chloride	4.91	84	4308	1.557	ug/l #	86
25) 2-Butanone	7.18	43	2078	5.921	ug/l	90
29) Tetrahydrofuran	7.54	42	437	2.026	ug/l #	54
31) Cyclohexane	7.95	56	3869	1.627	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	10694	4.834	ug/l #	48
38) Carbon Tetrachloride	7.95	117	13949	5.752	ug/l #	16
39) Methylcyclohexane	9.33	83	4338	1.475	ug/l #	90
51) 4-Methyl-2-Pentanone	10.22	43	1204	1.430	ug/l	88
52) Toluene	10.39	92	4706	1.157	ug/l	99
55) 1,1,2-Trichloroethane	10.77	97	11685	10.089	ug/l #	24
56) Ethyl methacrylate	10.67	69	5212	3.671	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	613	1.130	ug/l #	86
59) 2-Hexanone	10.94	43	20312	33.792	ug/l #	30
67) Ethyl Benzene	11.73	91	5890	1.100	ug/l	89
68) m/p-Xylenes	11.84	106	4605	2.176	ug/l	98
69) o-Xylene	12.17	106	4125	2.046	ug/l	93
73) Isopropylbenzene	12.47	105	6645	1.588	ug/l	97
74) N-amyl acetate	12.26	43	50522	62.159	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.69	83	7875	12.373	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	28074	62.051	ug/l #	100
78) n-propylbenzene	12.81	91	8957	1.840	ug/l	96
79) 2-Chlorotoluene	12.87	91	4176	1.527	ug/l #	48
80) 1,3,5-Trimethylbenzene	12.95	105	9818	2.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	28074	148.327	ug/l #	14
82) 4-Chlorotoluene	12.94	91	2867	1.001	ug/l #	23
83) tert-Butylbenzene	13.21	119	58544	18.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12674	3.550	ug/l	95
85) sec-Butylbenzene	13.39	105	19726	4.424	ug/l #	65
86) p-Isopropyltoluene	13.51	119	5923	1.469	ug/l #	75
89) n-Butylbenzene	13.83	91	12410	3.364	ug/l #	76

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Response via : Initial Calibration

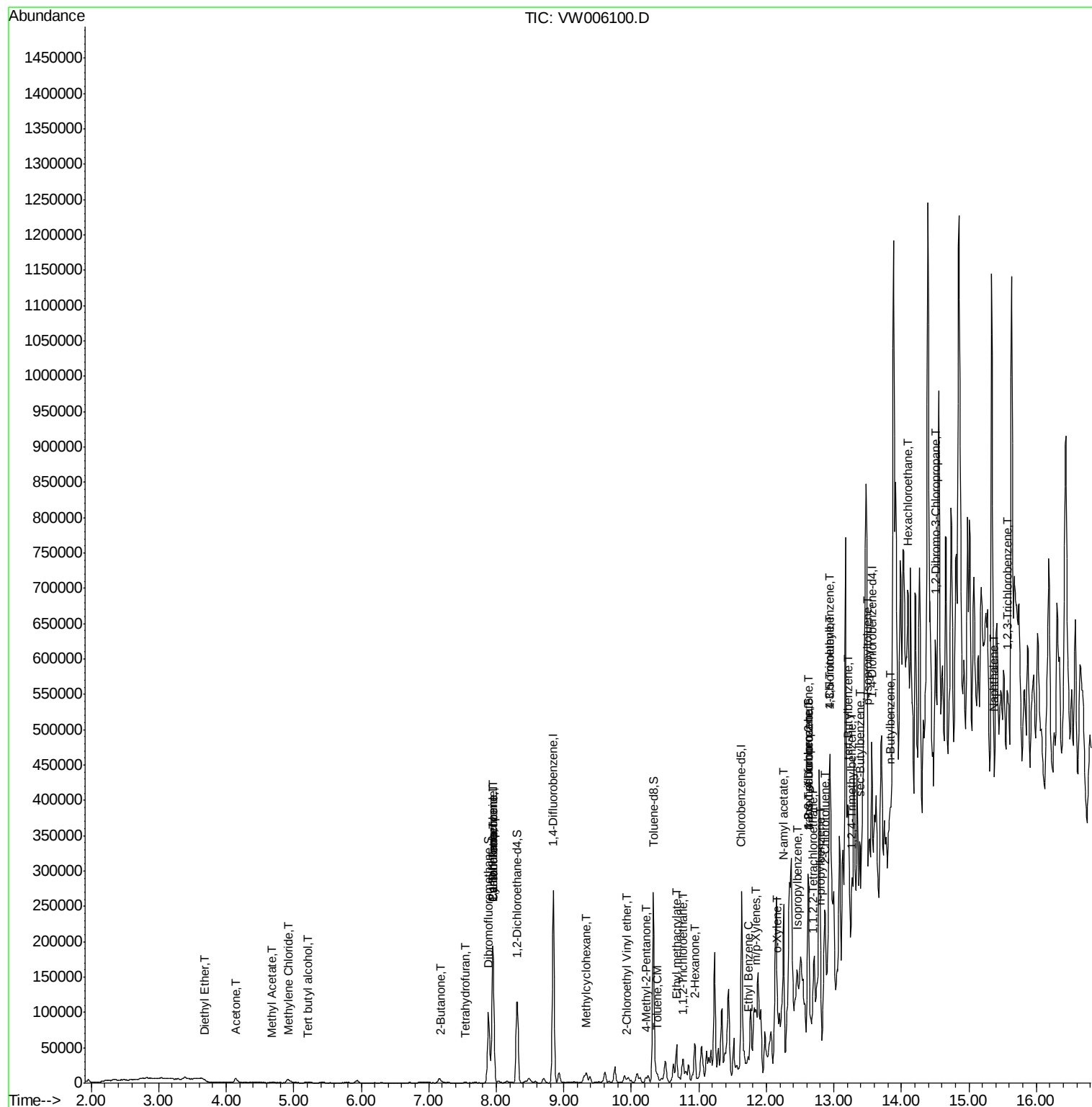
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.10	117	4879	7.142	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.50	75	273	2.396	ug/l #	44
95) Naphthalene	15.38	128	6596	2.832	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.58	180	1976	1.632	ug/l #	12

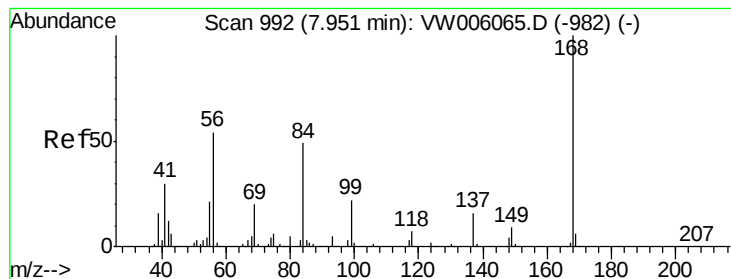
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

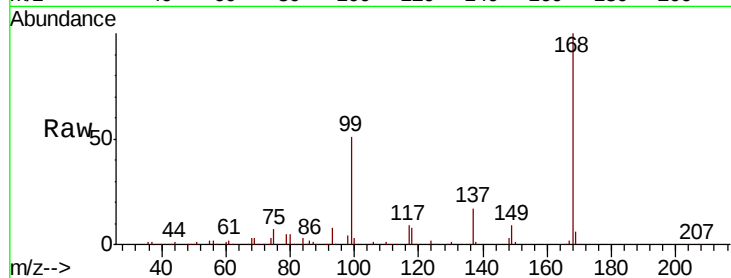
351-SOIL

Tgt Ion:168 Resp: 156703

Ion Ratio Lower Upper

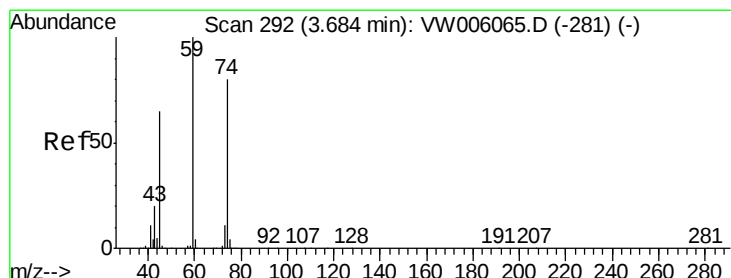
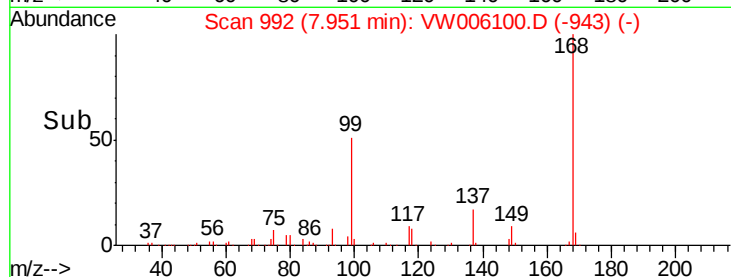
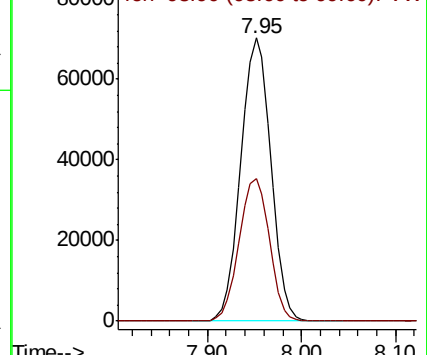
168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.361 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006100.D

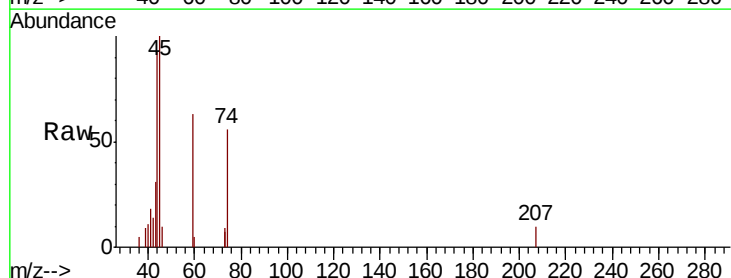
Acq: 17 Oct 2018 02:38

Tgt Ion: 74 Resp: 1666

Ion Ratio Lower Upper

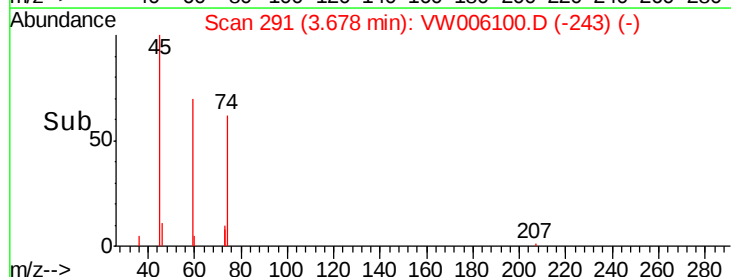
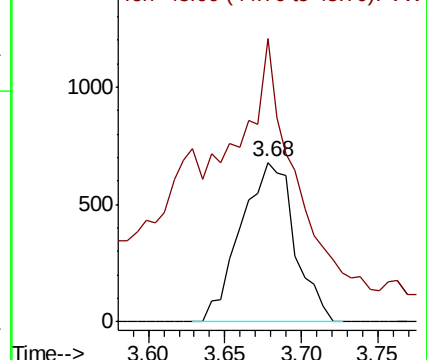
74 100

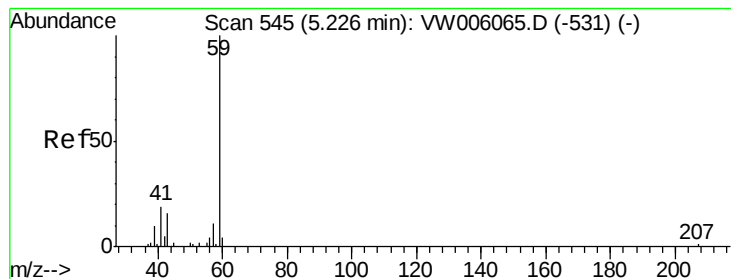
45 122.7 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#11

Tert butyl alcohol

Concen: 17.500 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

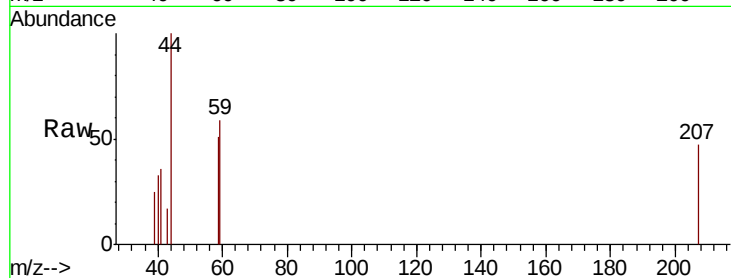
351-SOIL

Tgt Ion: 59 Resp: 1529

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

400

300

200

100

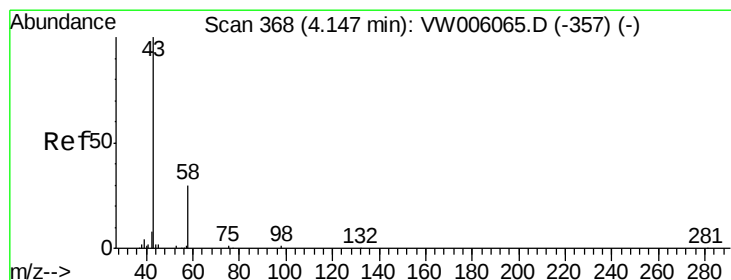
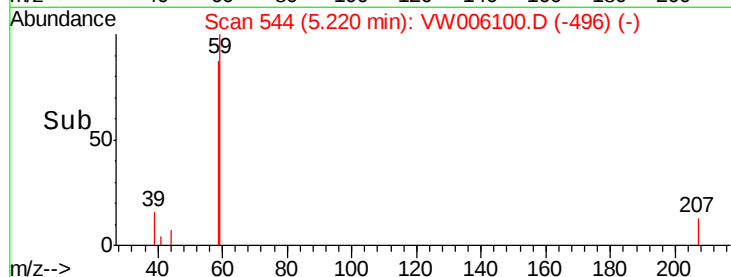
0

5.10

5.20

5.30

Time-->



#16

Acetone

Concen: 34.335 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006100.D

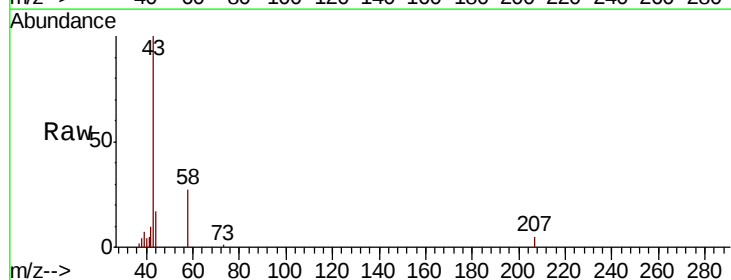
Acq: 17 Oct 2018 02:38

Tgt Ion: 43 Resp: 11481

Ion Ratio Lower Upper

43 100

58 26.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

3000

2000

1000

0

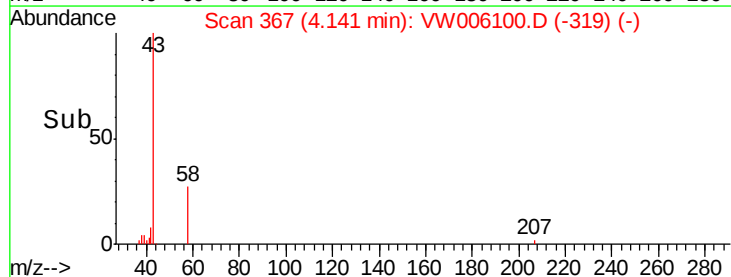
4.00

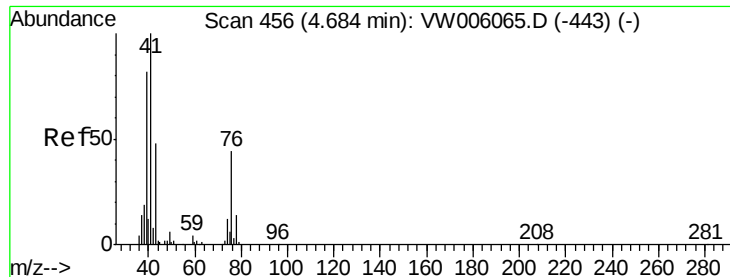
4.10

4.20

4.30

Time-->

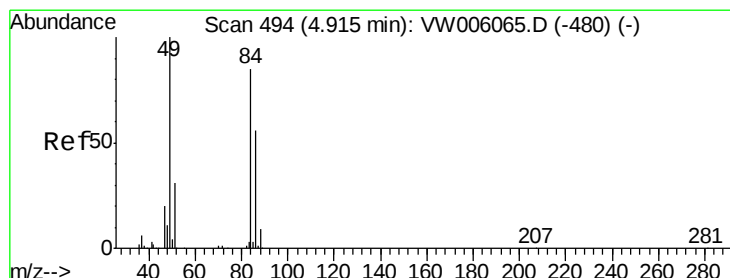
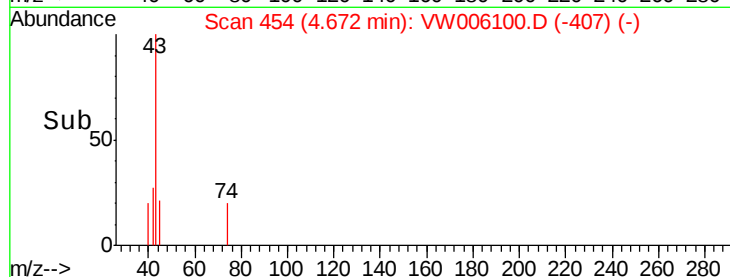
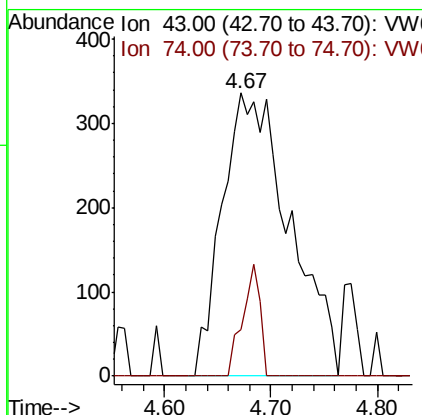
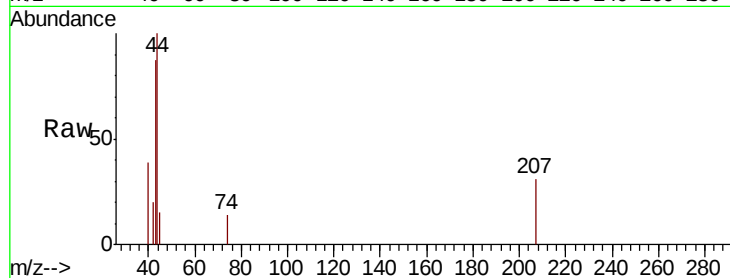




#18
Methyl Acetate
Concen: 2.265 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

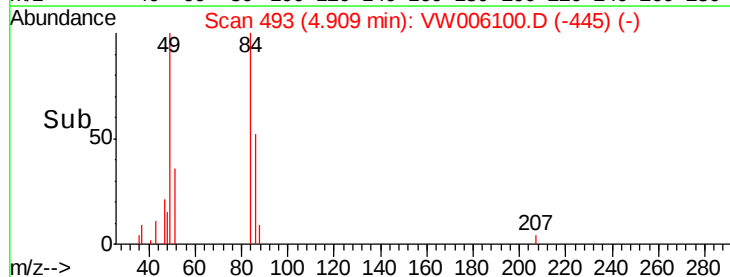
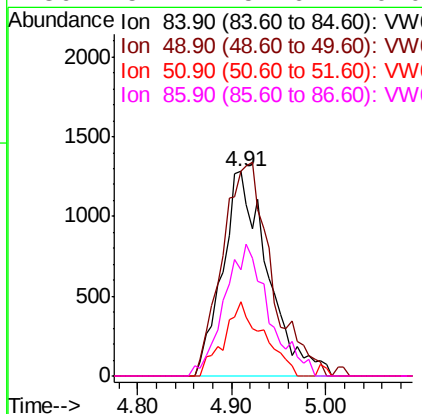
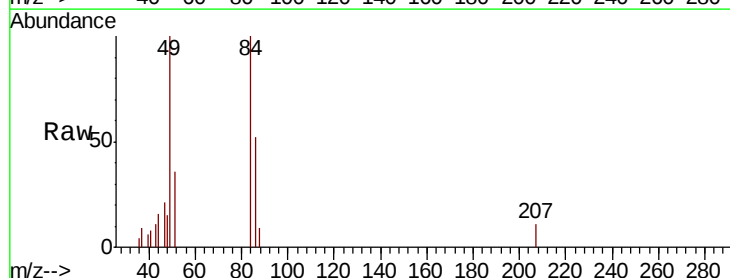
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

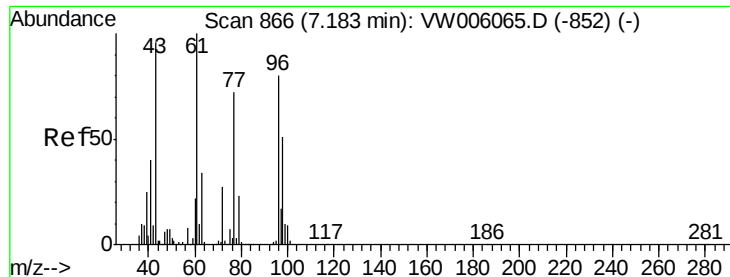
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
74 10.3 20.5 30.7#



#20
Methylene Chloride
Concen: 1.557 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 84 Resp: 4308
Ion Ratio Lower Upper
84 100
49 100.0 93.6 140.4
51 36.4 29.0 43.4
86 52.1 52.6 79.0#





#25

2-Butanone

Concen: 5.921 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

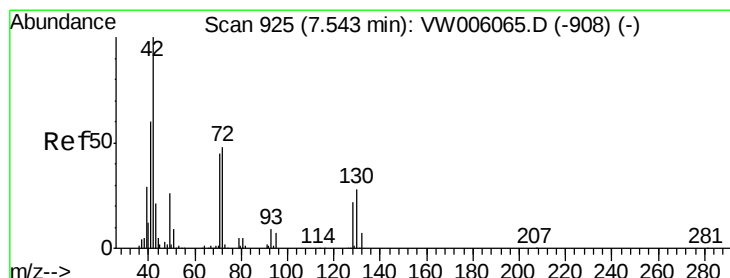
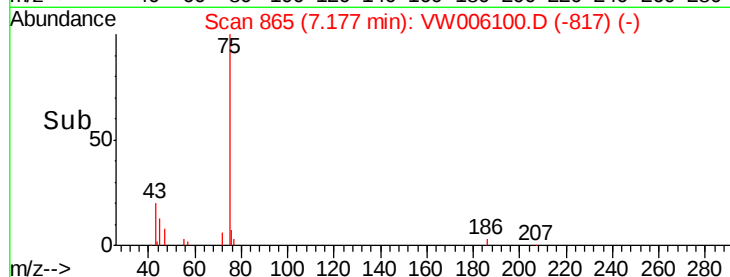
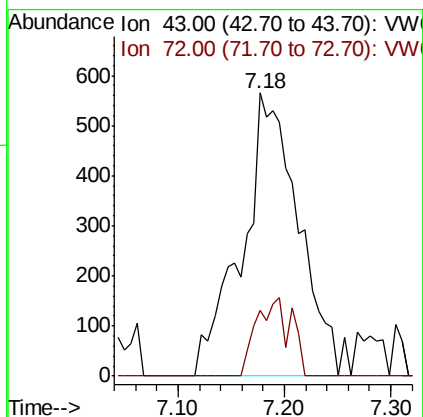
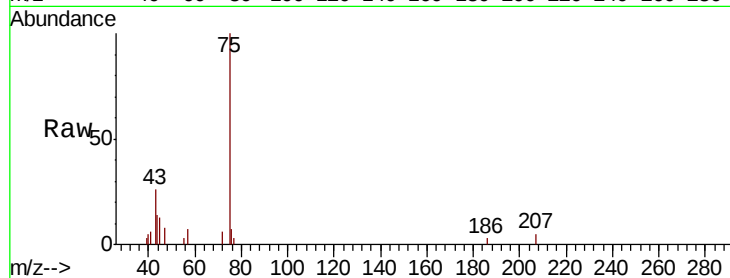
351-SOIL

Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

72 23.2 22.8 34.2



#29

Tetrahydrofuran

Concen: 2.026 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

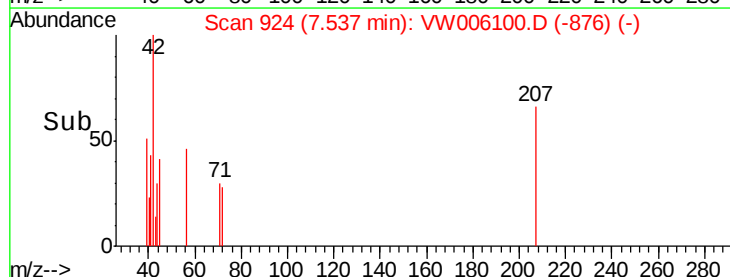
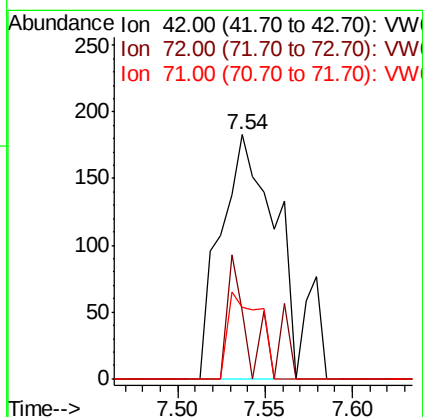
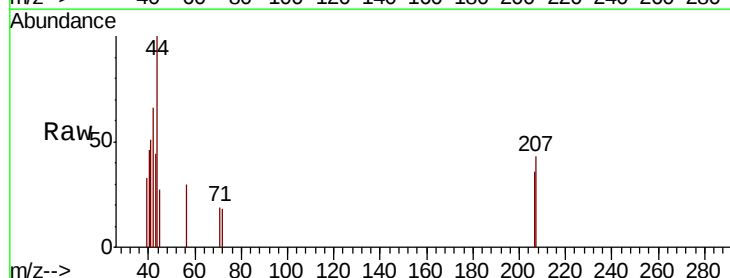
Tgt Ion: 42 Resp: 437

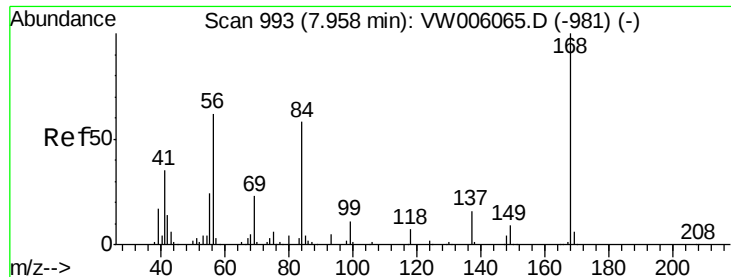
Ion Ratio Lower Upper

42 100

72 12.1 38.0 57.0#

71 18.8 35.3 52.9#

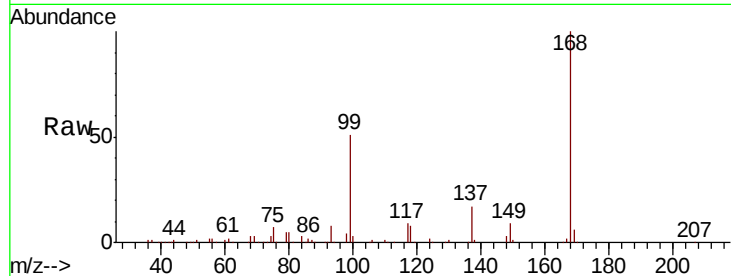




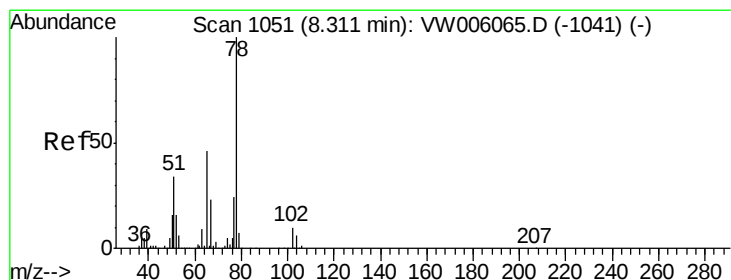
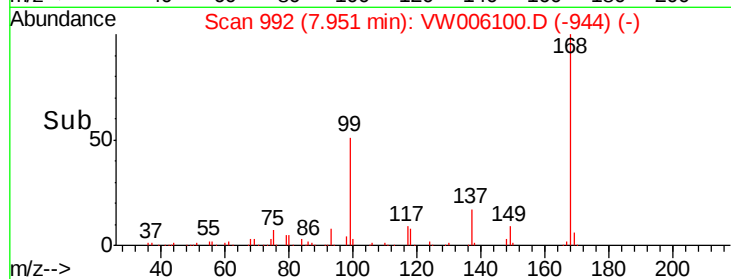
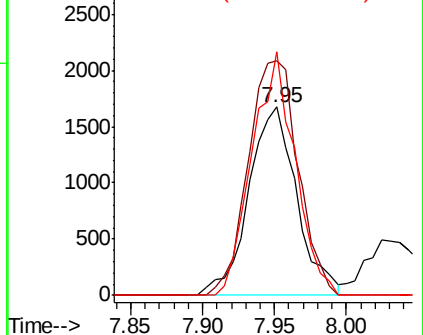
#31
Cyclohexane
Concen: 1.627 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

Tgt Ion: 56 Resp: 3869
Ion Ratio Lower Upper
56 100
69 125.0 29.4 44.0#
84 129.5 74.0 111.0#

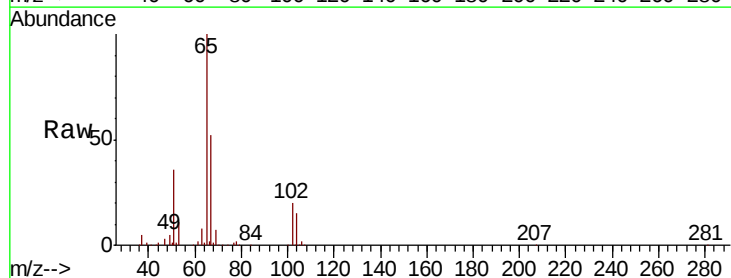


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

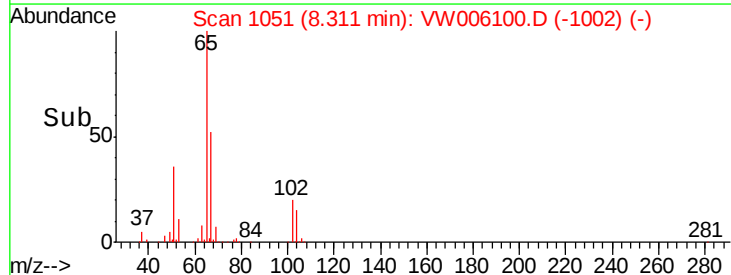
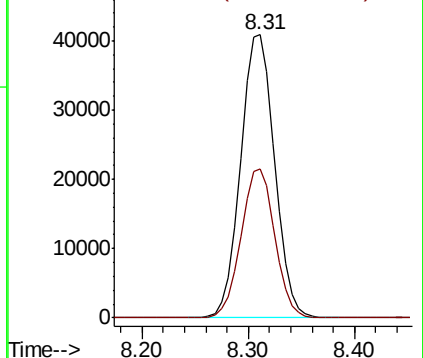


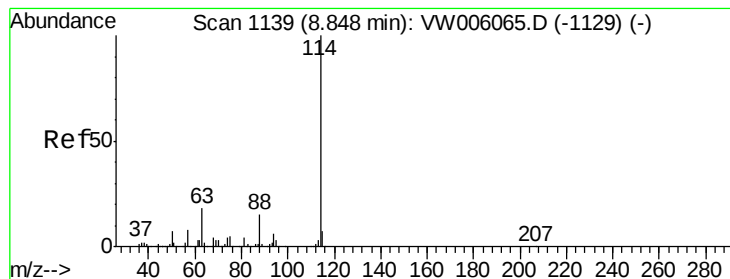
#33
1,2-Dichloroethane-d4
Concen: 70.524 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 65 Resp: 91621
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0



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# 1139

Delta R.T. -0.00 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

351-SOIL

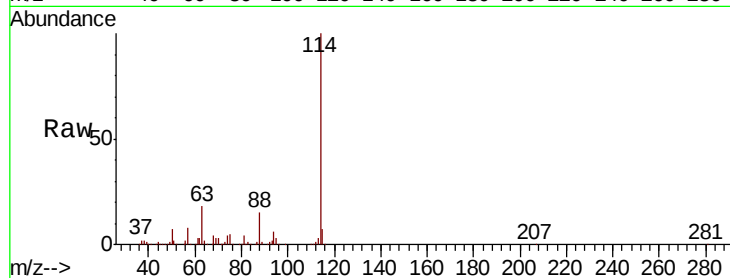
Tgt Ion:114 Resp: 240020

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

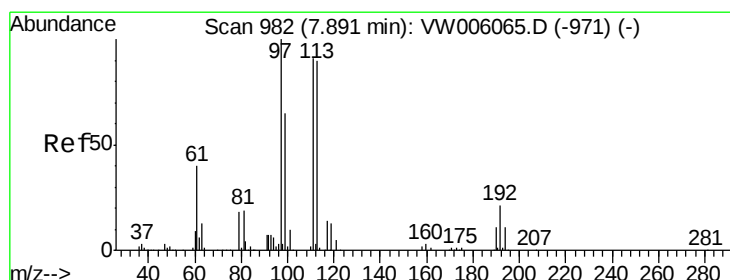
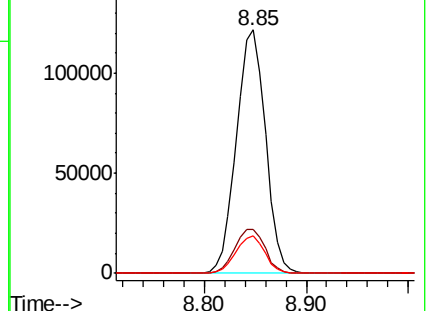
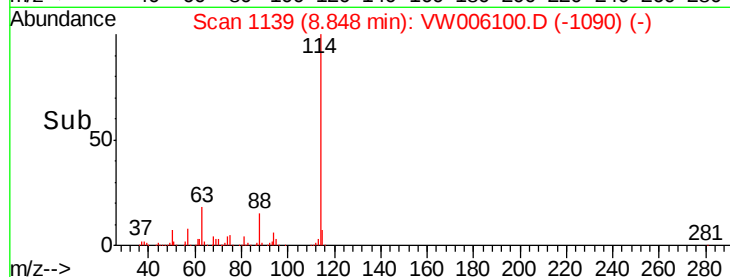
88 15.3 0.0 29.0



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: 48.712 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

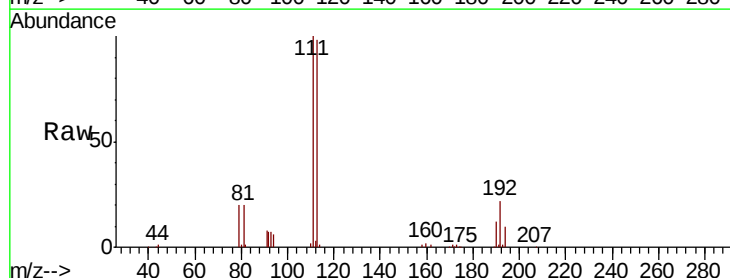
Tgt Ion:113 Resp: 69087

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

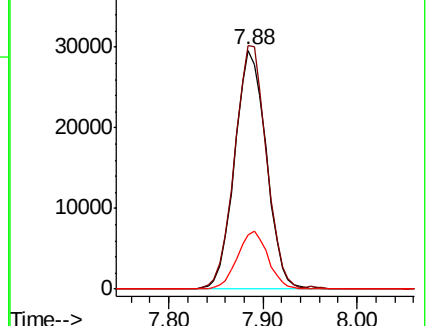
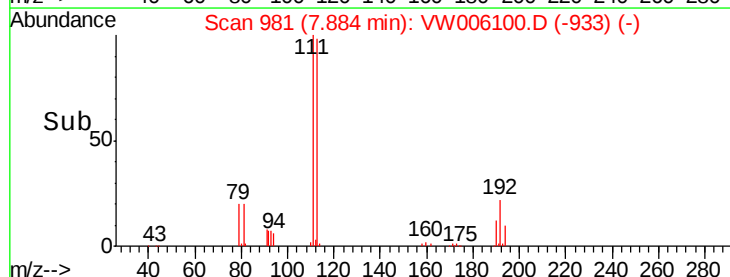
192 23.6 18.7 28.1

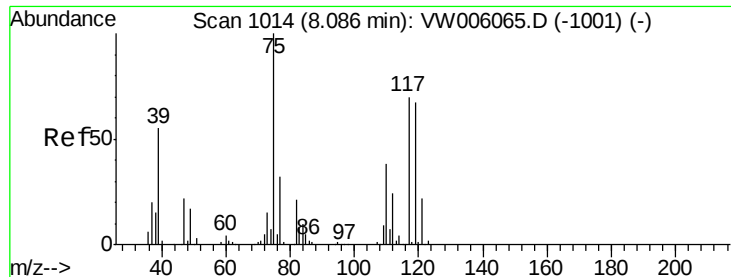


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

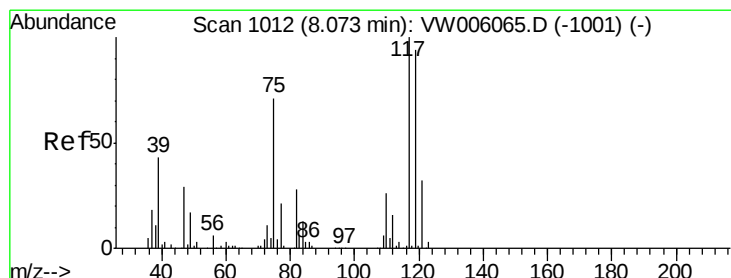
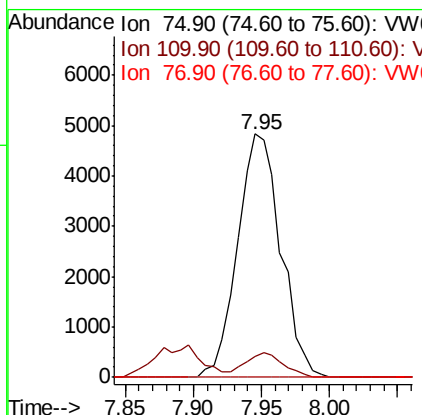
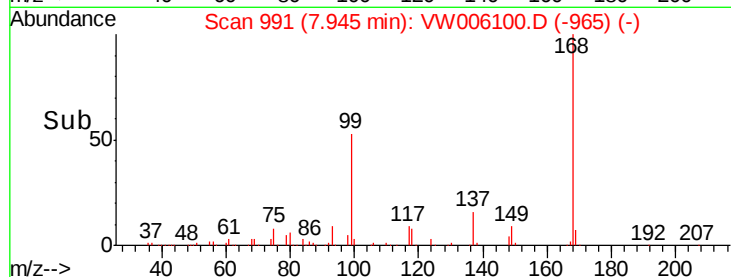
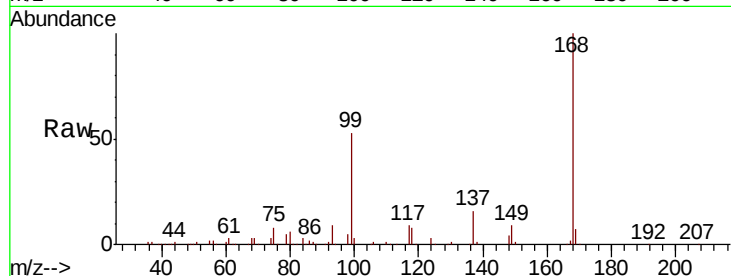




#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

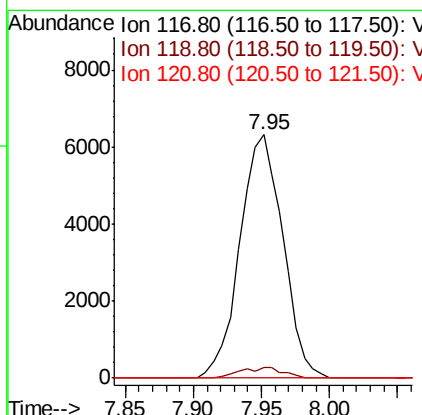
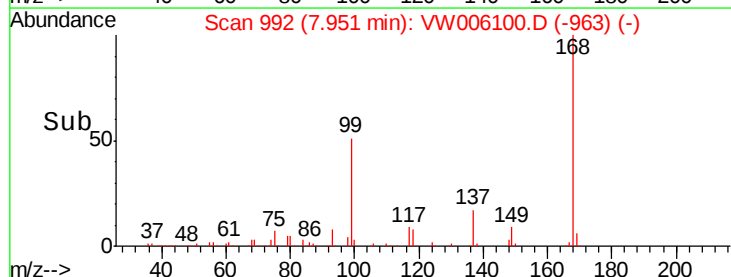
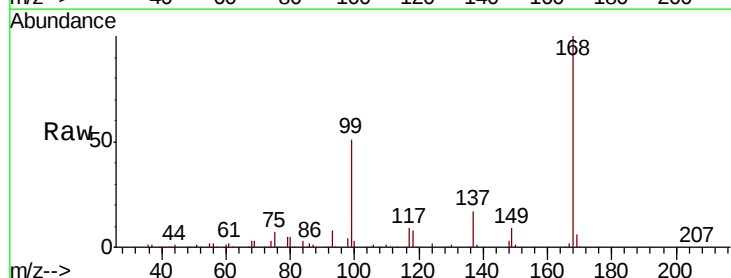
Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOIL

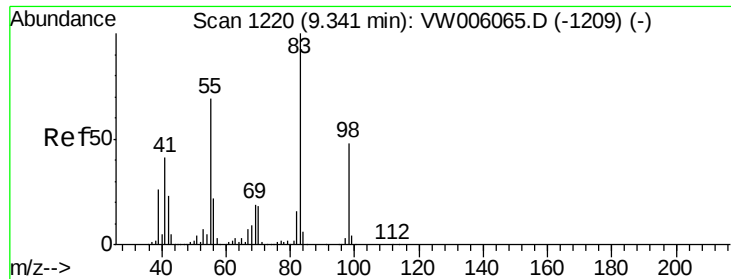
Tgt Ion: 75 Resp: 10694
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.752 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

Tgt Ion: 117 Resp: 13949
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 25.3 37.9#

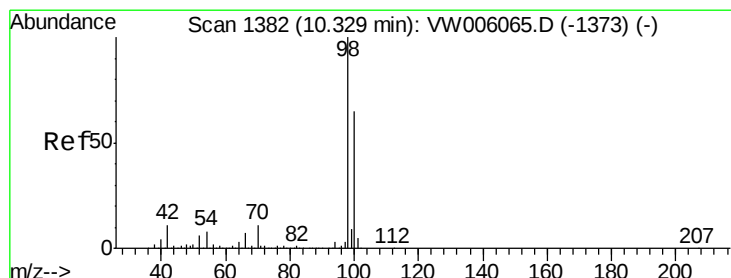
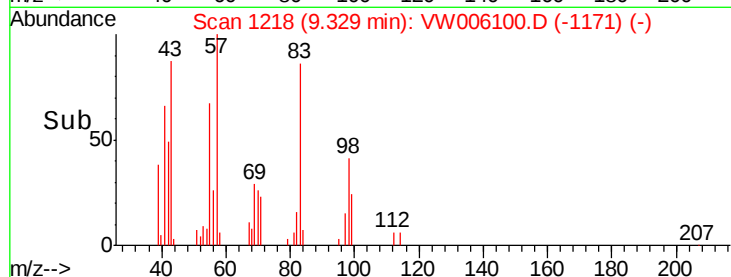
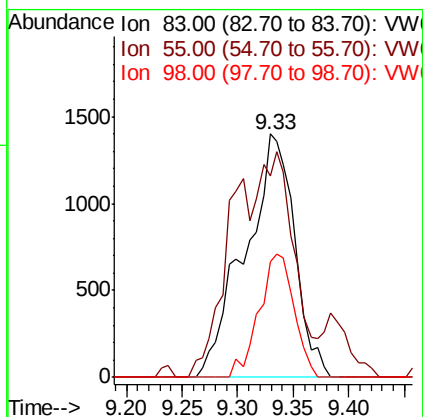
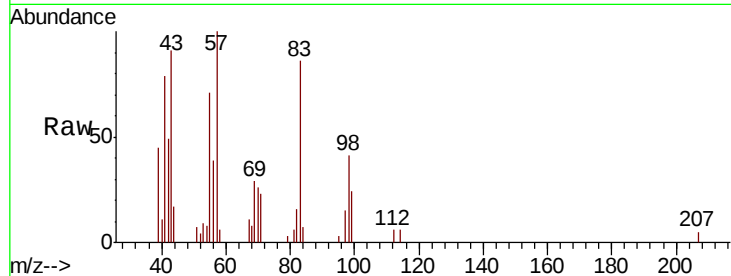




#39
Methylcyclohexane
Concen: 1.475 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

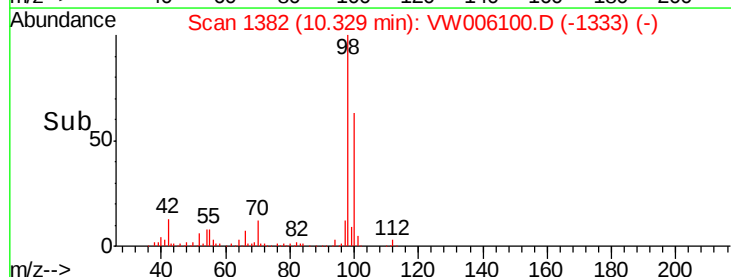
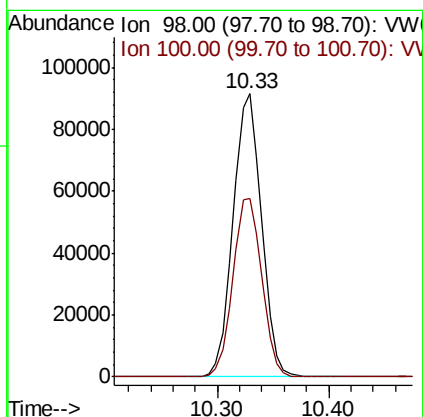
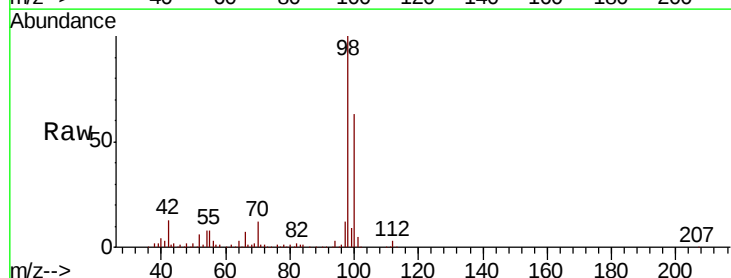
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

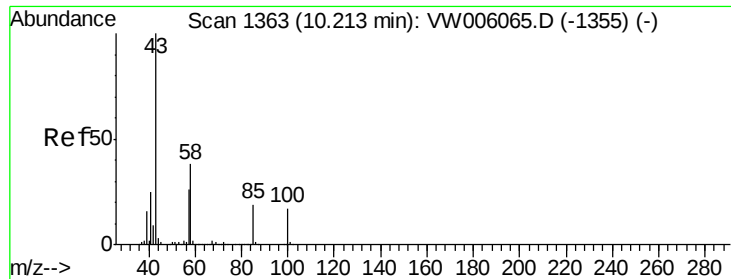
Tgt Ion: 83 Resp: 4338
Ion Ratio Lower Upper
83 100
55 82.6 55.0 82.6#
98 47.7 38.6 57.8



#50
Toluene-d8
Concen: 29.960 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 98 Resp: 161658
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.430 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

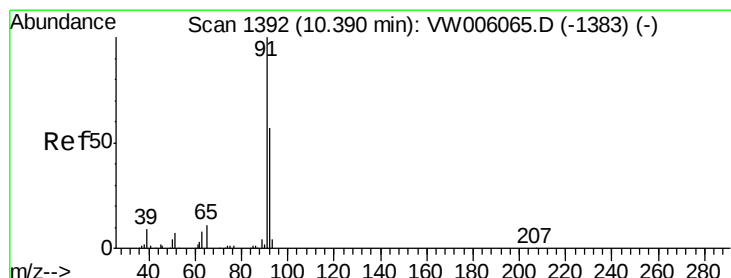
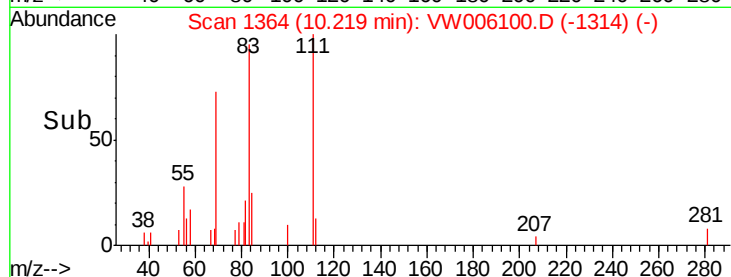
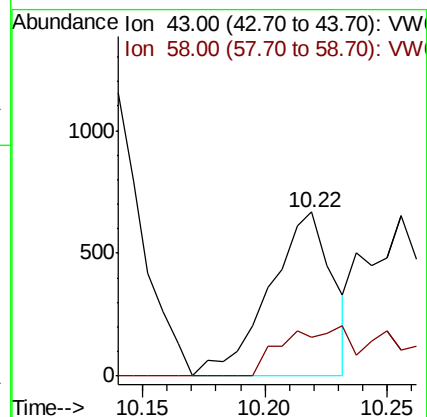
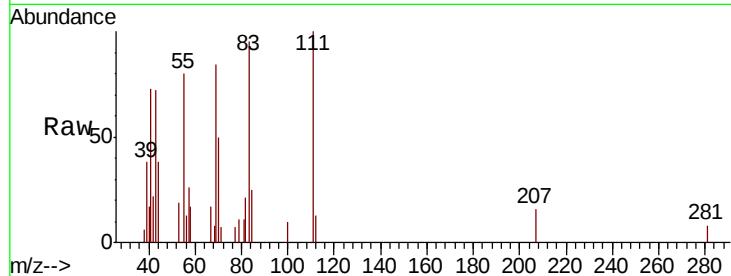
351-SOIL

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

58 32.1 31.5 47.3



#52

Toluene

Concen: 1.157 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006100.D

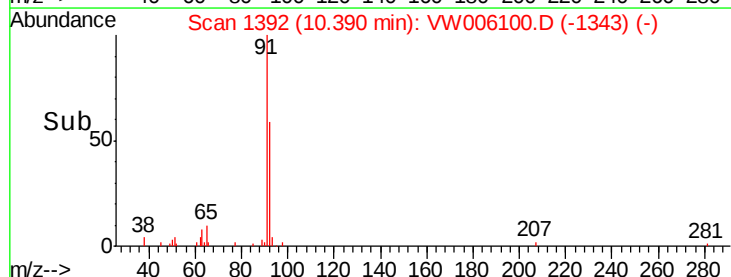
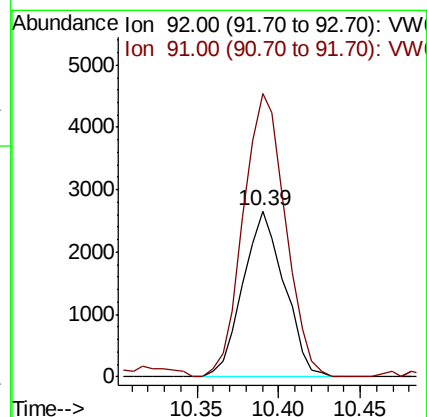
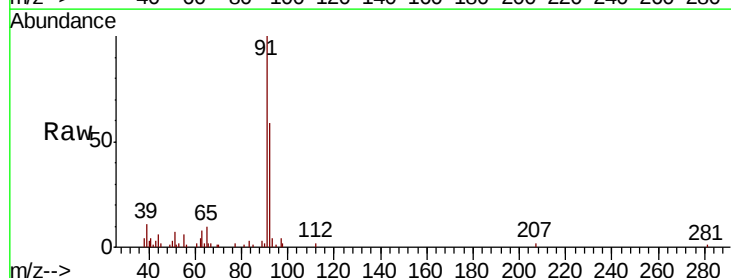
Acq: 17 Oct 2018 02:38

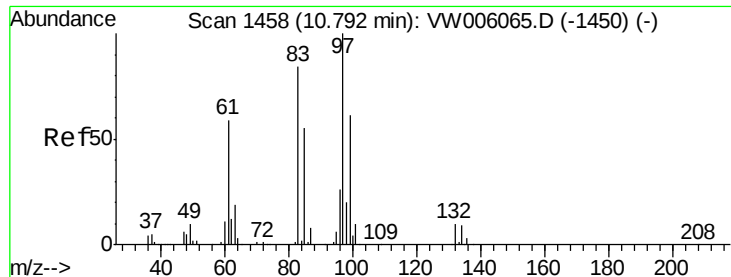
Tgt Ion: 92 Resp: 4706

Ion Ratio Lower Upper

92 100

91 173.8 140.0 210.0





#55

1,1,2-Trichloroethane

Concen: 10.089 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

351-SOIL

Tgt Ion: 97 Resp: 11685

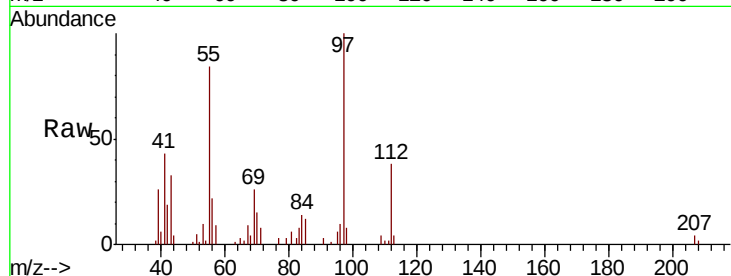
Ion Ratio Lower Upper

97 100

83 8.4 67.2 100.8#

85 12.1 43.7 65.5#

99 0.0 48.5 72.7#

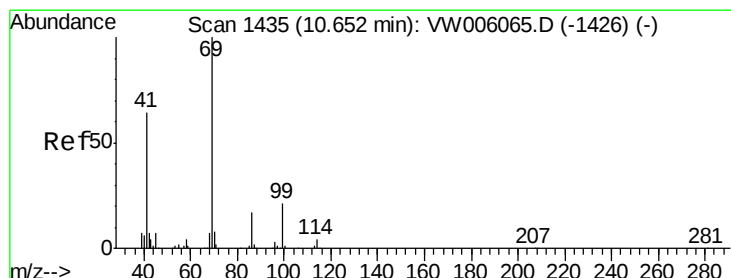
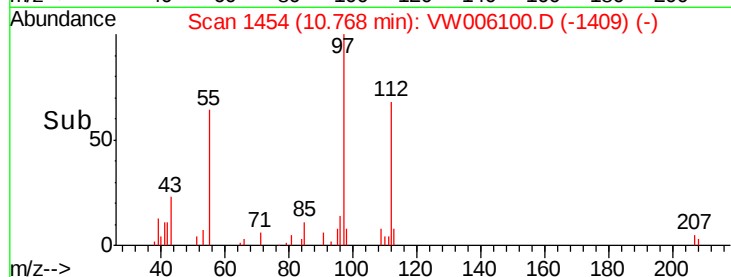
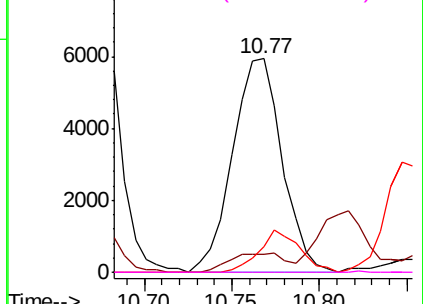


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 3.671 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

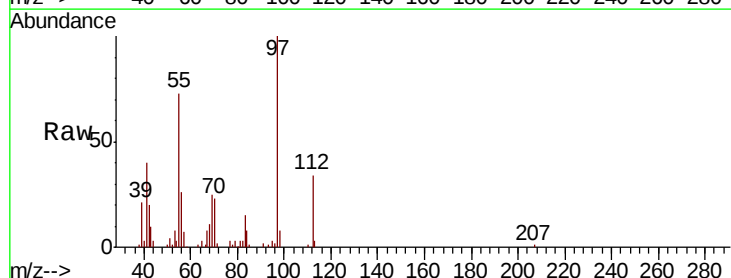
Tgt Ion: 69 Resp: 5212

Ion Ratio Lower Upper

69 100

41 157.7 52.8 79.2#

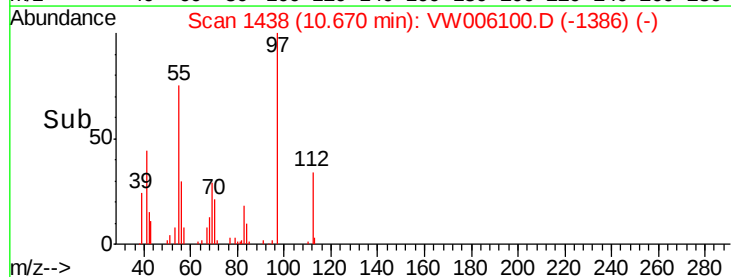
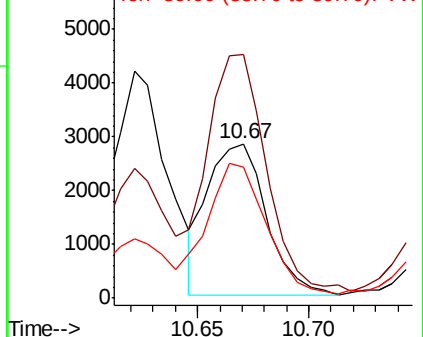
39 86.6 30.6 45.8#

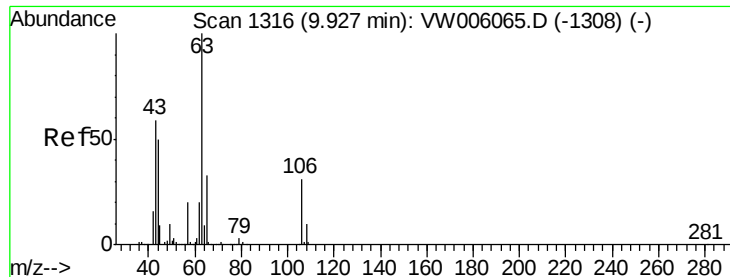


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

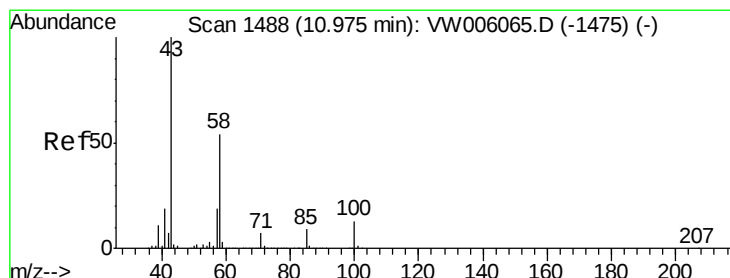
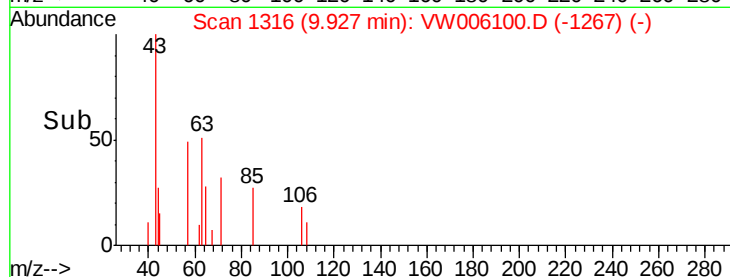
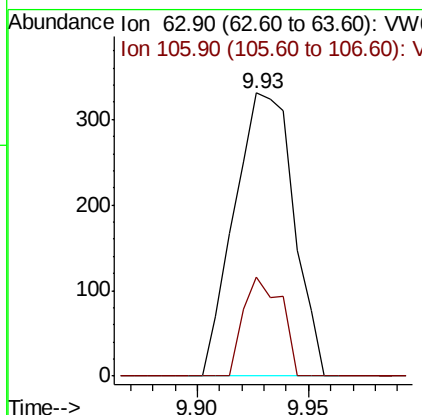
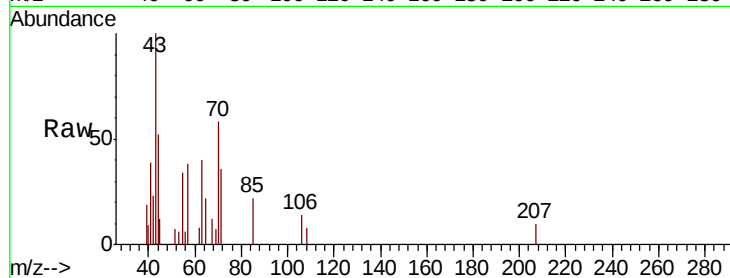




#58
2-Chloroethyl Vinyl ether
Concen: 1.130 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

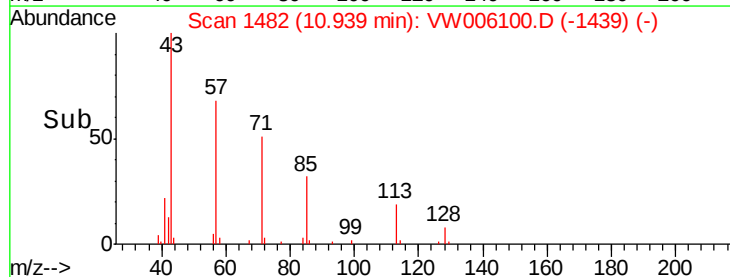
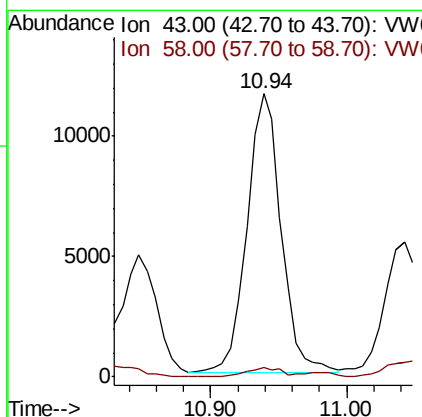
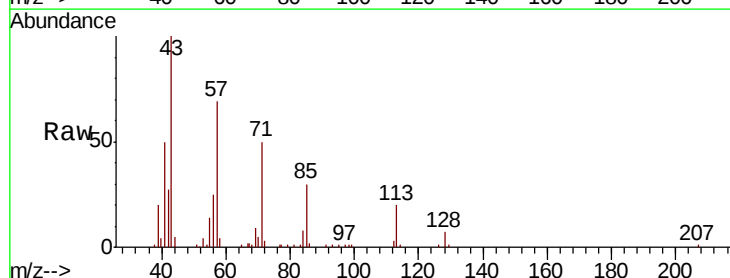
Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

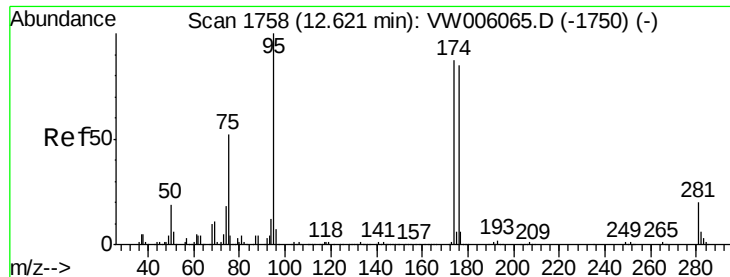
Tgt Ion: 63 Resp: 613
Ion Ratio Lower Upper
63 100
106 22.7 24.5 36.7#



#59
2-Hexanone
Concen: 33.792 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 43 Resp: 20312
Ion Ratio Lower Upper
43 100
58 3.6 26.9 80.6#

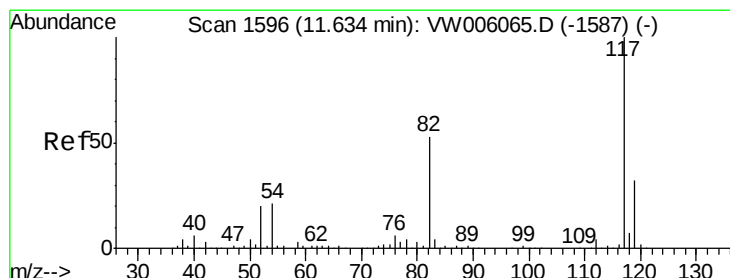
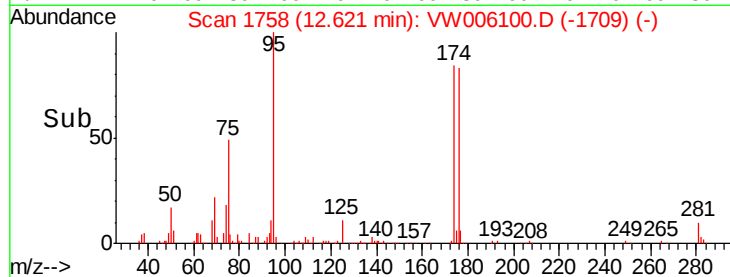
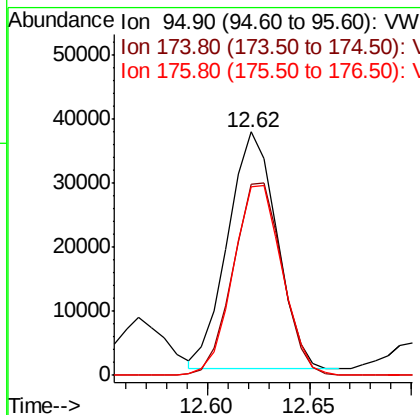
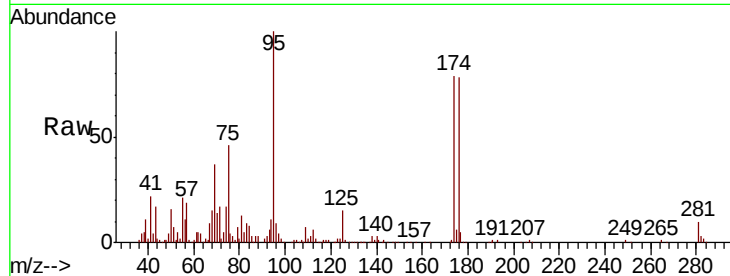




#62
4-Bromofluorobenzene
Concen: 30.426 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

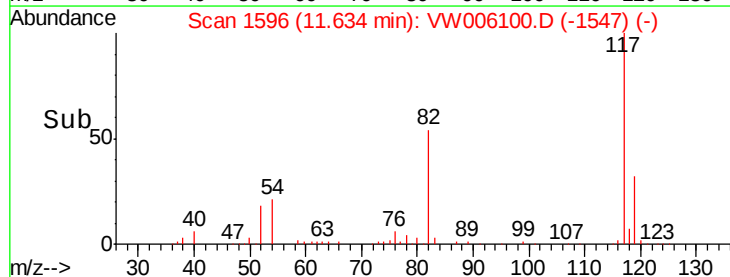
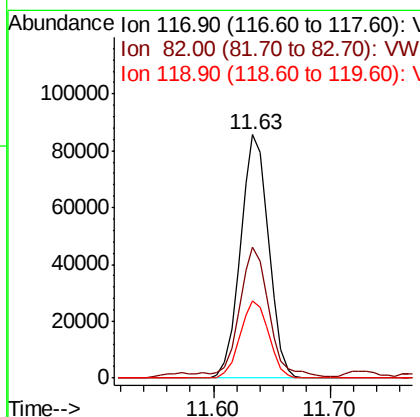
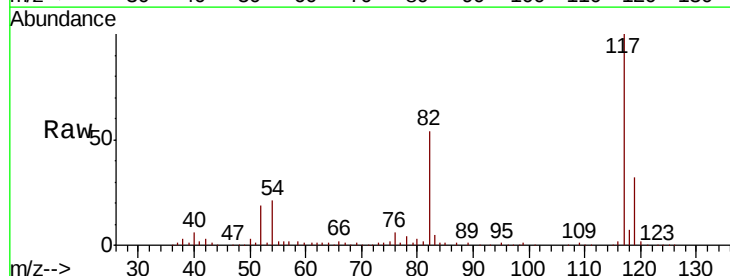
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

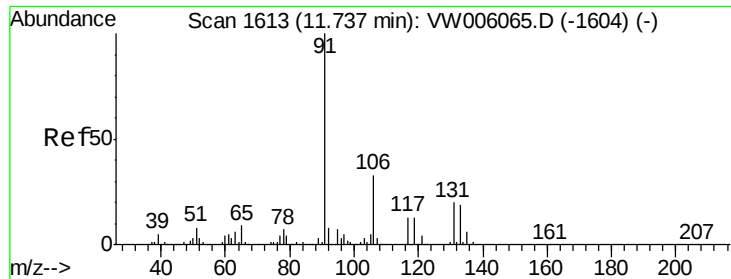
Tgt Ion: 95 Resp: 61661
Ion Ratio Lower Upper
95 100
174 81.3 0.0 186.0
176 80.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 117 Resp: 144290
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 31.9 25.8 38.6

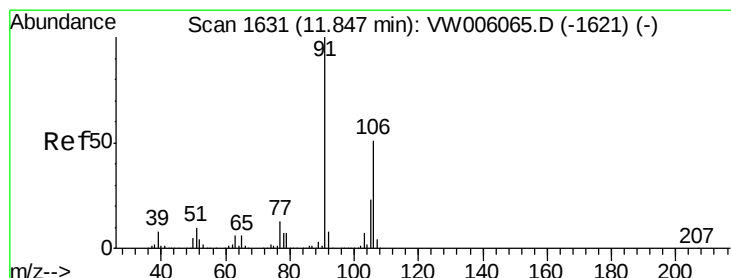
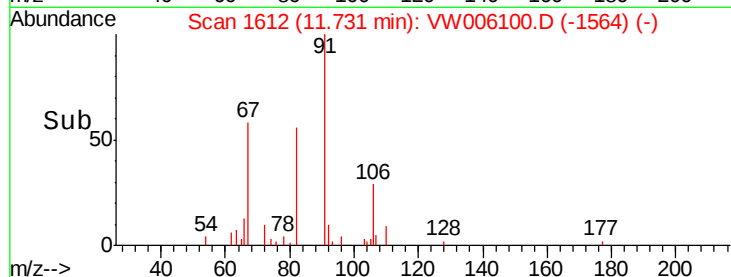
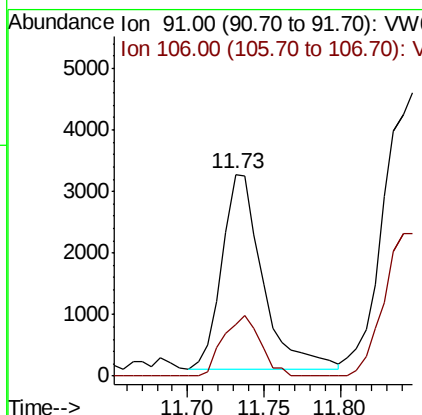
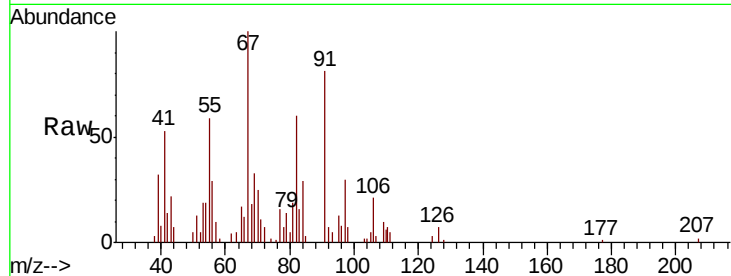




#67
Ethyl Benzene
Concen: 1.100 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

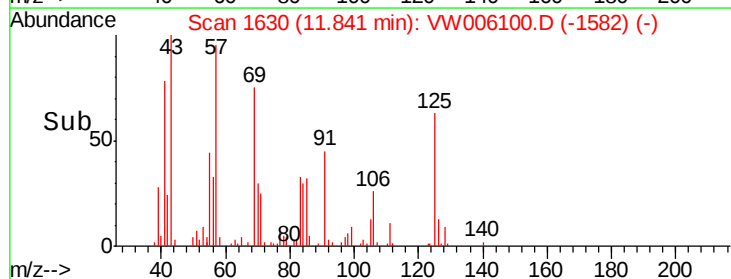
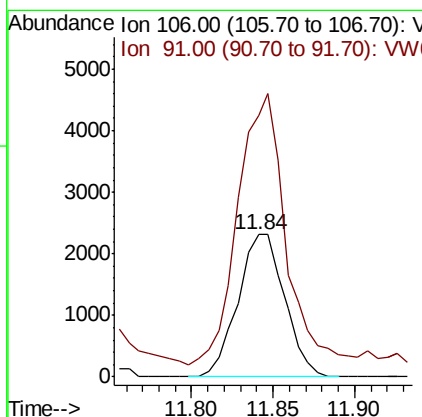
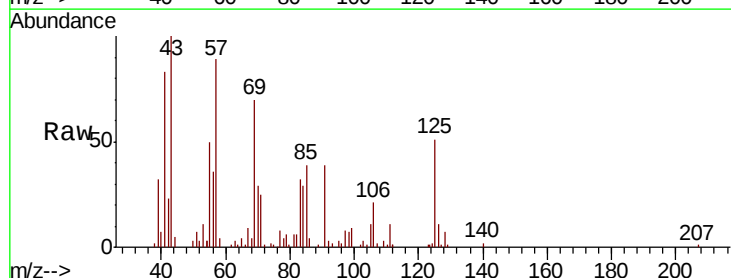
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

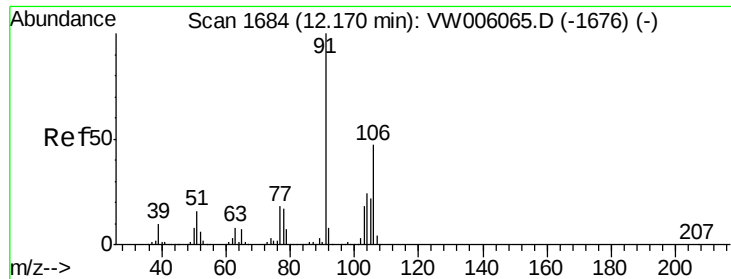
Tgt Ion: 91 Resp: 5890
Ion Ratio Lower Upper
91 100
106 26.5 26.1 39.1



#68
m/p-Xylenes
Concen: 2.176 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 106 Resp: 4605
Ion Ratio Lower Upper
106 100
91 195.6 159.1 238.7

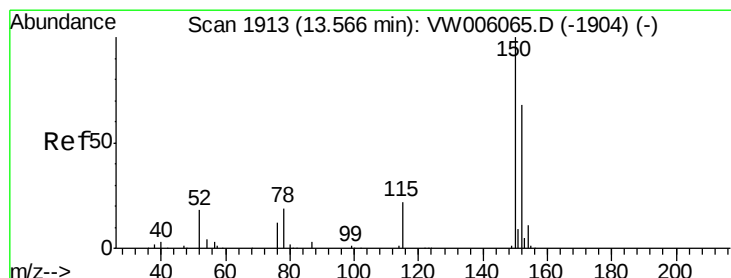
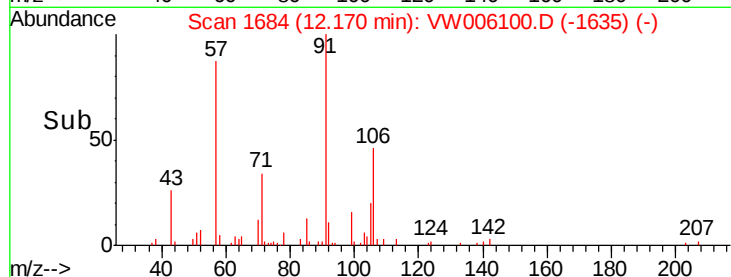
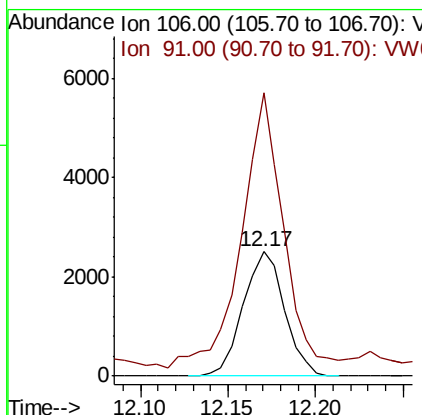
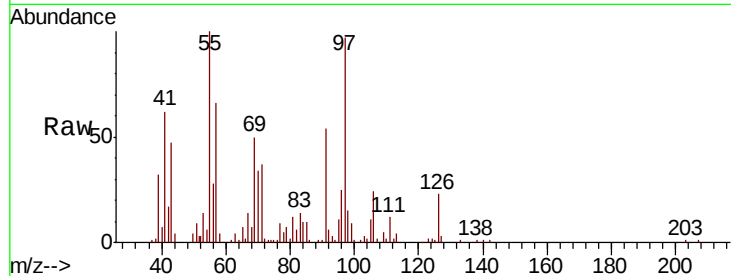




#69
o-Xylene
Concen: 2.046 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

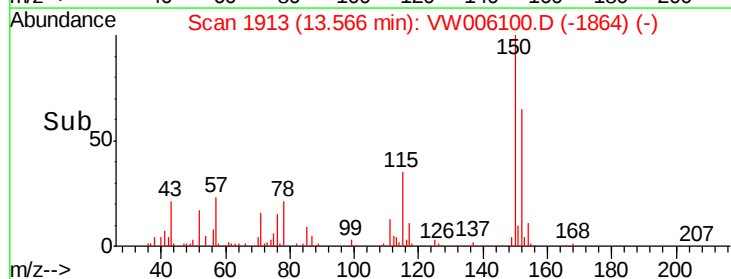
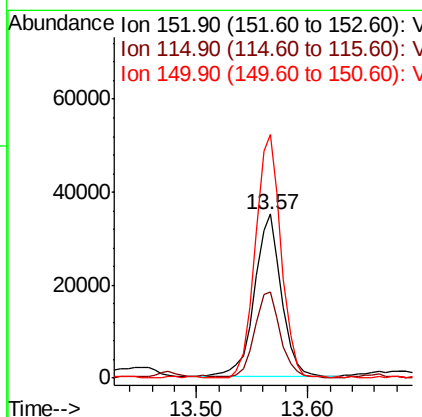
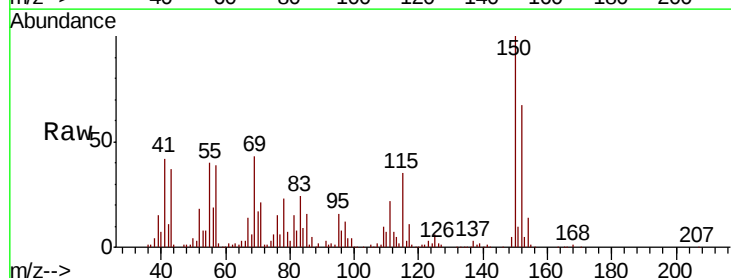
Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

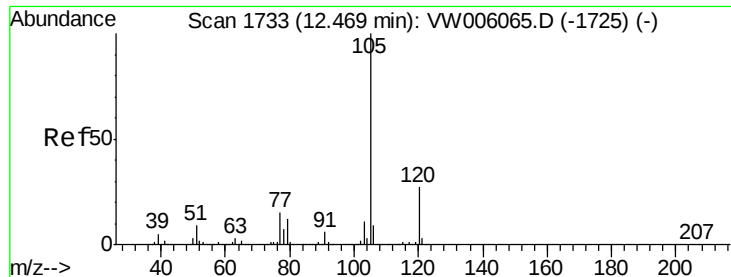
Tgt Ion:106 Resp: 4125
Ion Ratio Lower Upper
106 100
91 222.0 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion:152 Resp: 59234
Ion Ratio Lower Upper
152 100
115 50.0 27.8 83.3
150 140.1 0.0 349.2





#73

Isopropylbenzene

Concen: 1.588 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

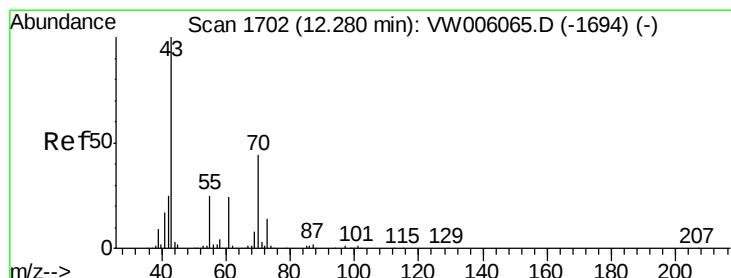
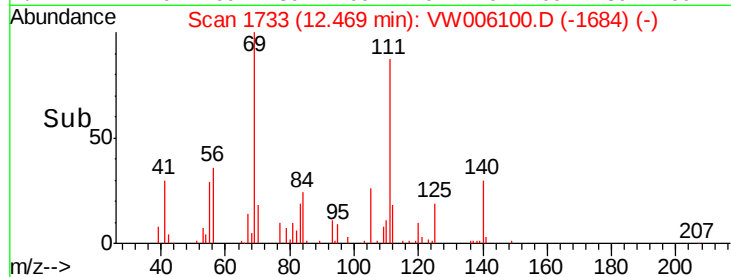
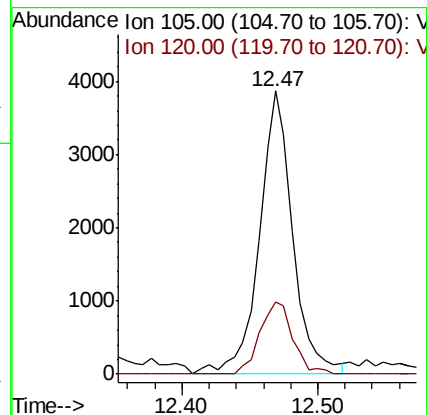
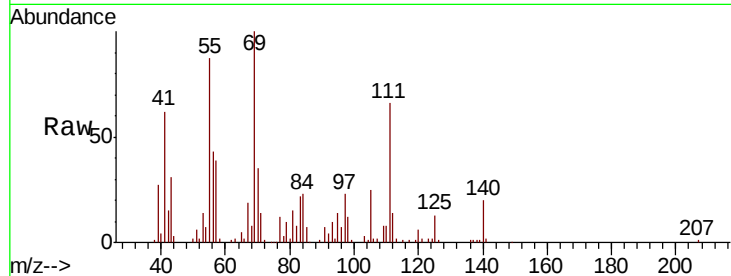
351-SOIL

Tgt Ion:105 Resp: 6645

Ion Ratio Lower Upper

105 100

120 25.3 13.6 40.7



#74

N-ethyl acetate

Concen: 62.159 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Tgt Ion: 43 Resp: 50522

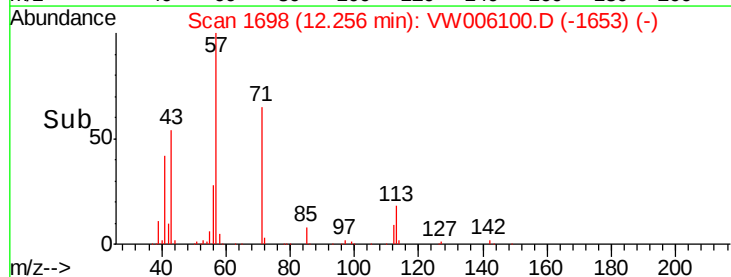
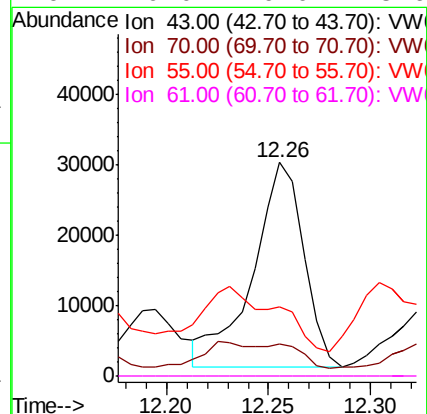
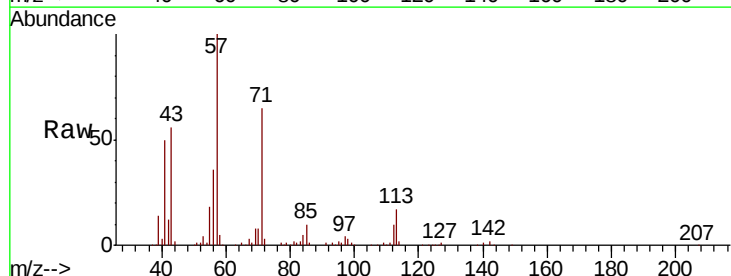
Ion Ratio Lower Upper

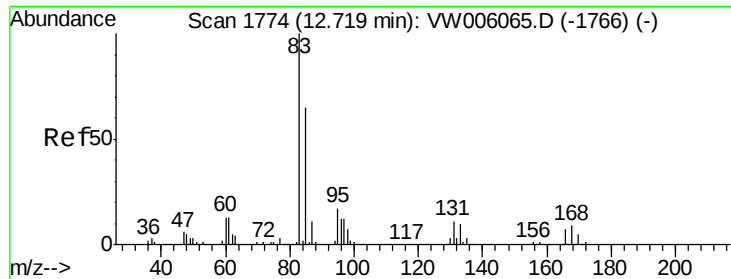
43 100

70 0.0 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.373 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

351-SOIL

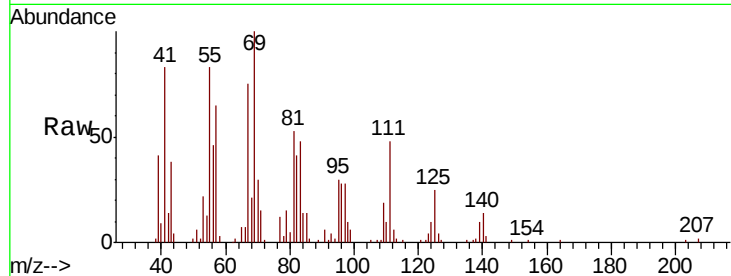
Tgt Ion: 83 Resp: 7875

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

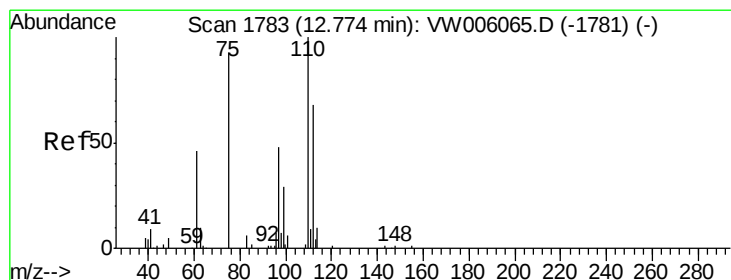
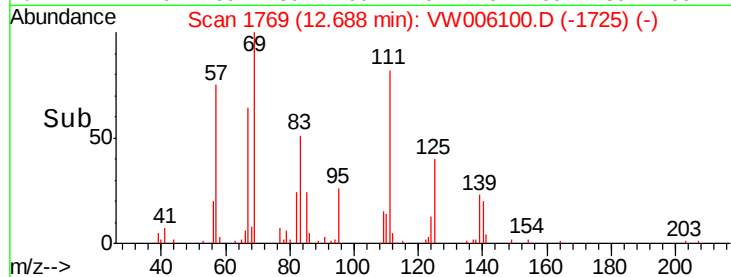
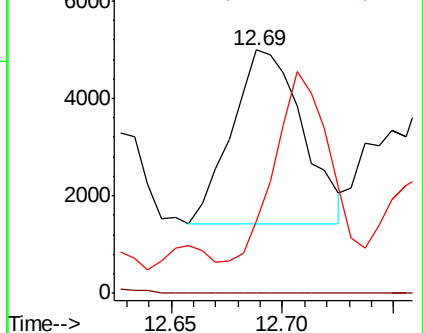
85 84.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 62.051 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006100.D

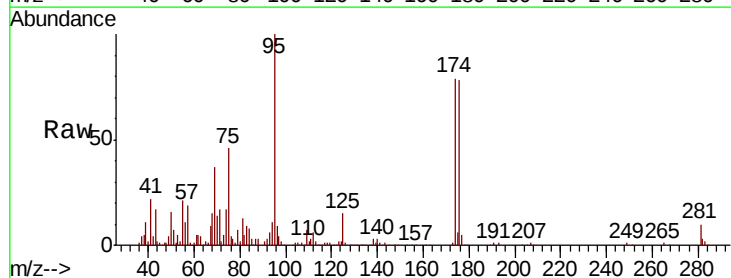
Acq: 17 Oct 2018 02:38

Tgt Ion: 75 Resp: 28074

Ion Ratio Lower Upper

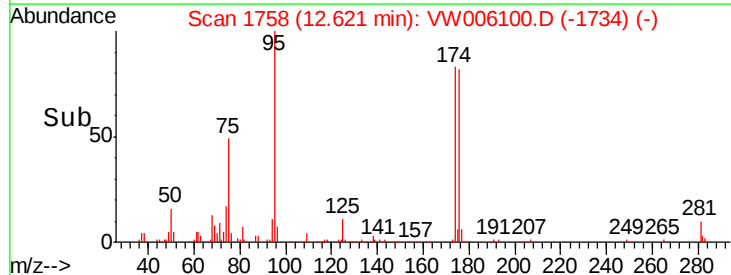
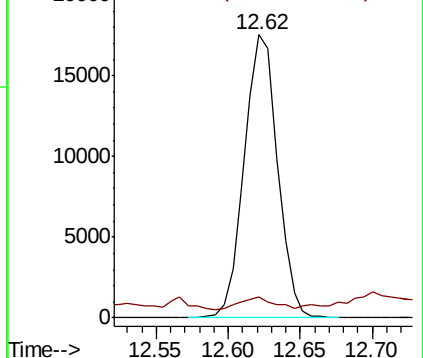
75 100

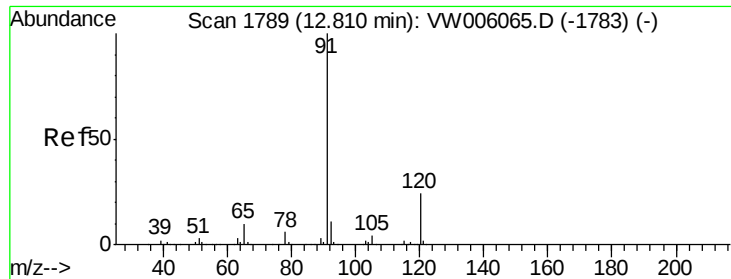
77 4.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

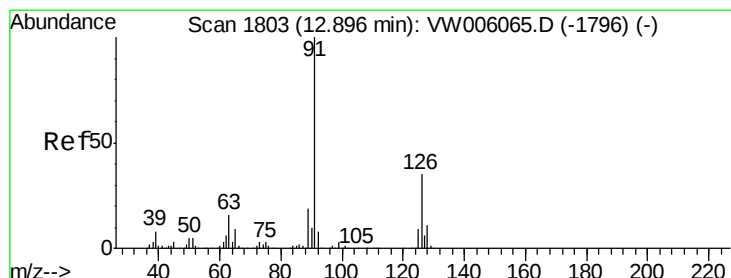
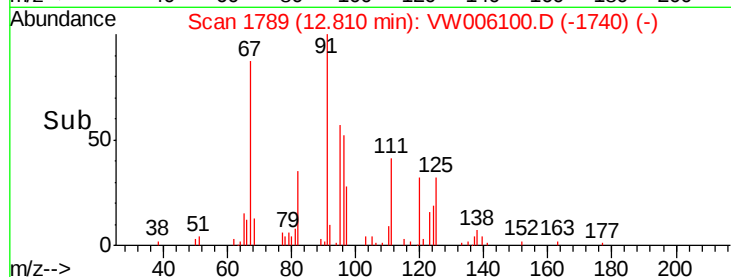
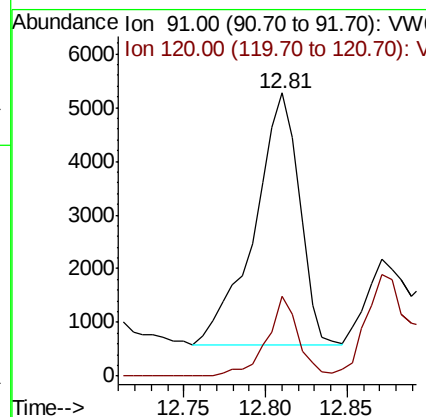
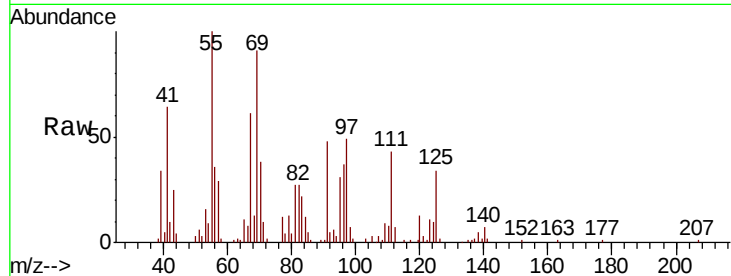




#78
n-propylbenzene
Concen: 1.840 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

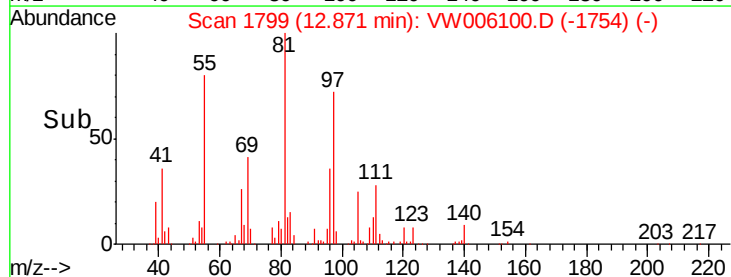
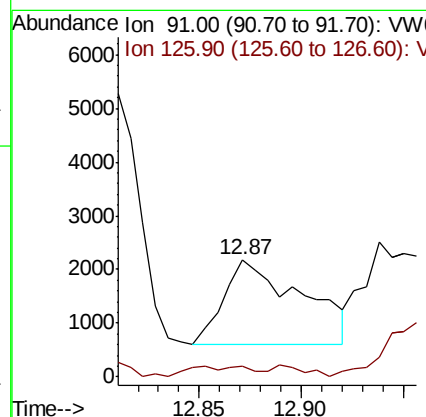
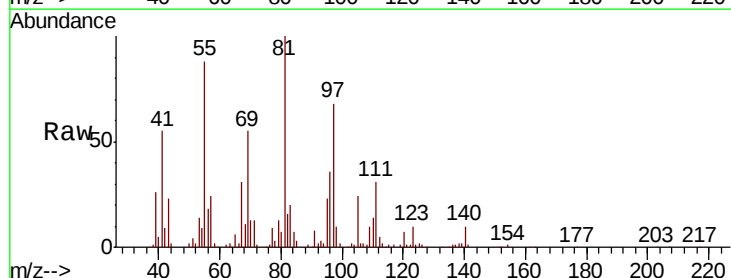
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

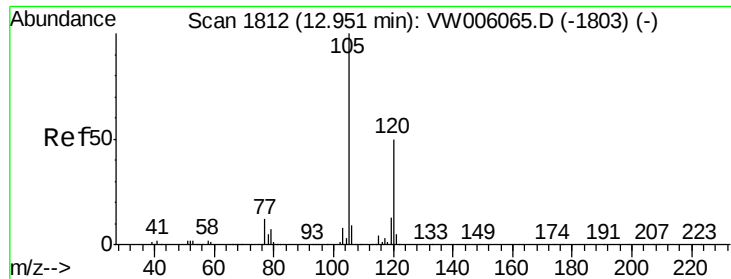
Tgt Ion: 91 Resp: 8957
Ion Ratio Lower Upper
91 100
120 22.2 12.2 36.6



#79
2-Chlorotoluene
Concen: 1.527 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 91 Resp: 4176
Ion Ratio Lower Upper
91 100
126 5.1 17.9 53.8#

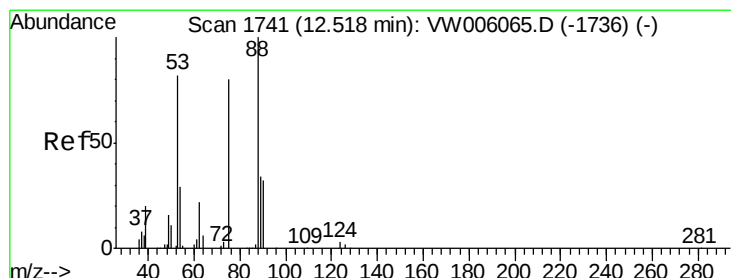
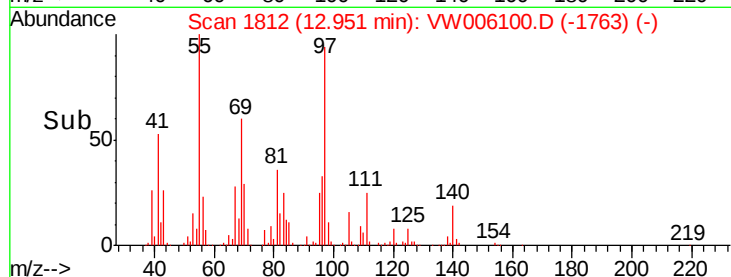
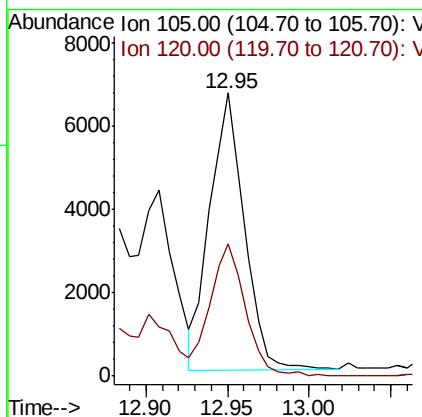
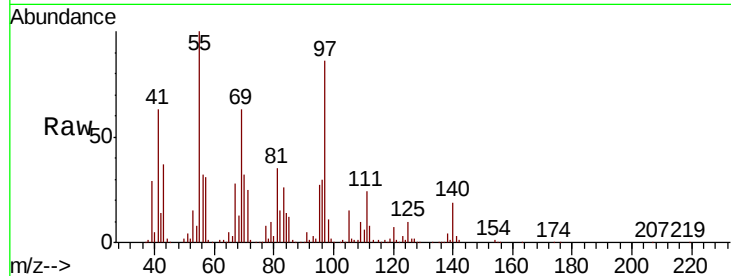




#80
 1,3,5-Trimethylbenzene
 Concen: 2.783 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

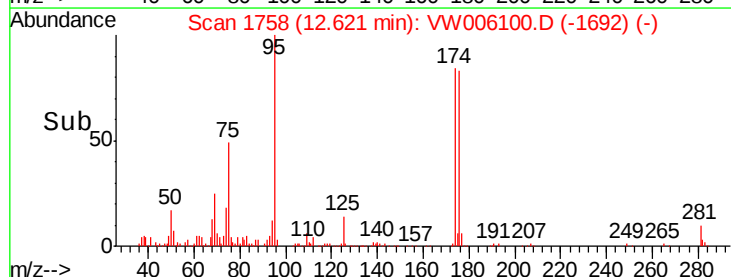
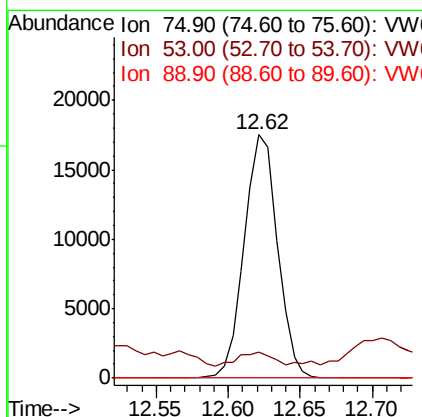
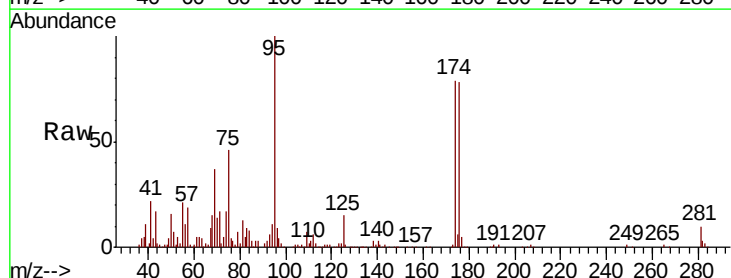
Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOIL

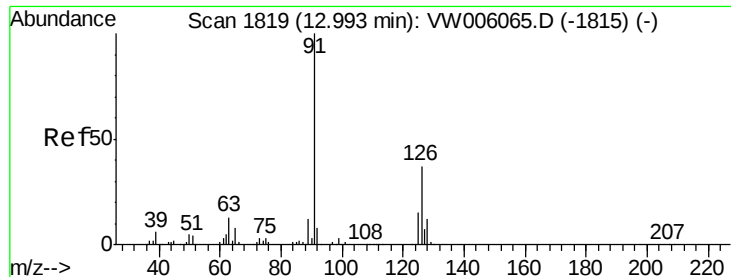
Tgt Ion: 105 Resp: 9818
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.327 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

Tgt Ion: 75 Resp: 28074
 Ion Ratio Lower Upper
 75 100
 53 6.1 79.8 119.6#
 89 0.0 37.5 56.3#

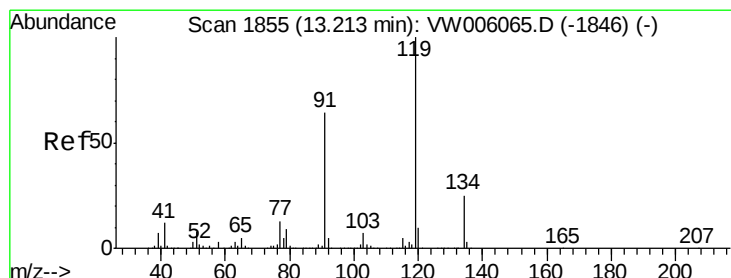
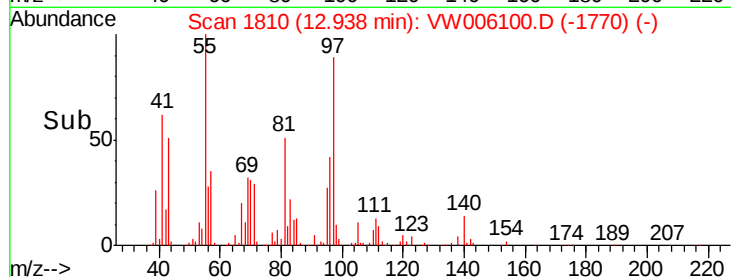
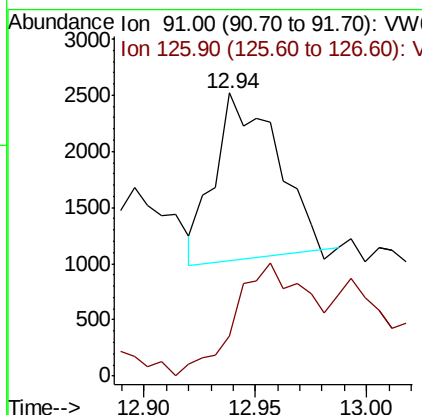
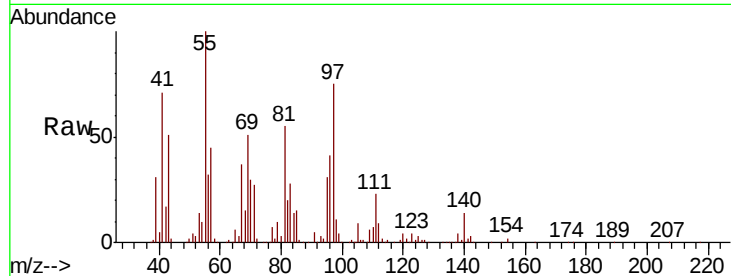




#82
4-Chlorotoluene
Concen: 1.001 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.05 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

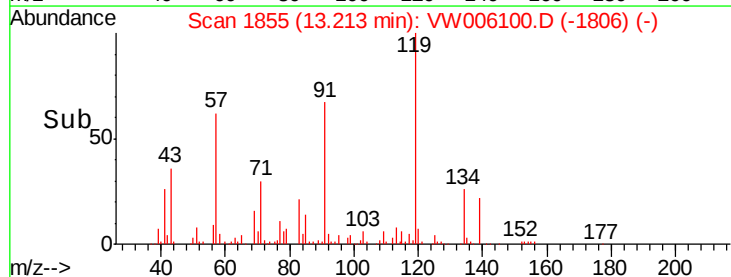
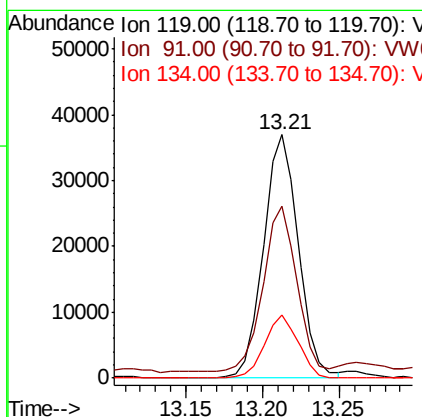
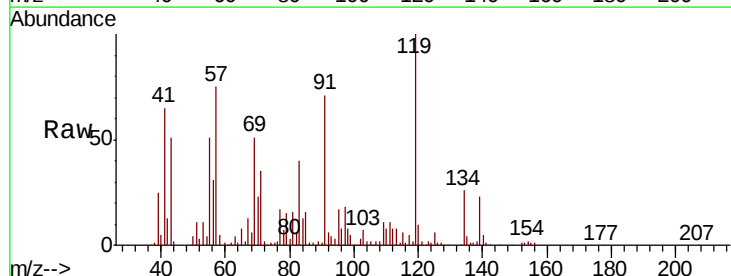
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

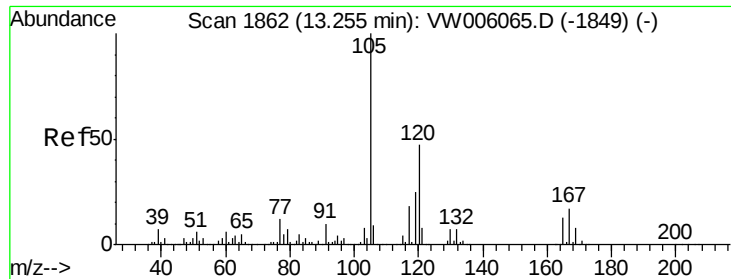
Tgt Ion: 91 Resp: 2867
Ion Ratio Lower Upper
91 100
126 81.5 18.1 54.3#



#83
tert-Butylbenzene
Concen: 18.548 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 119 Resp: 58544
Ion Ratio Lower Upper
119 100
91 66.0 32.3 96.9
134 25.1 13.6 40.8

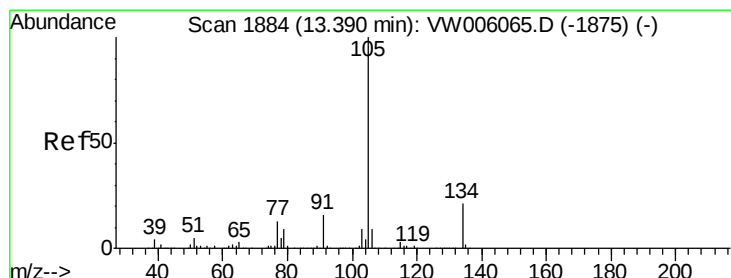
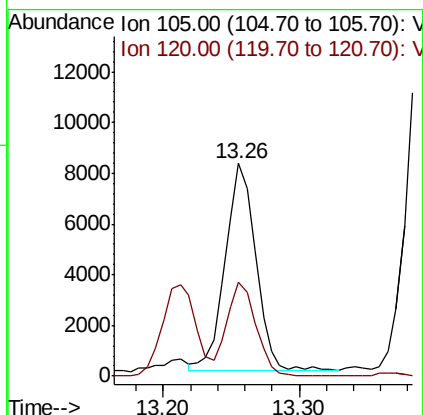
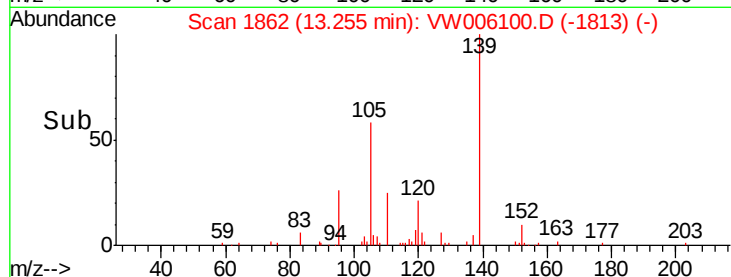
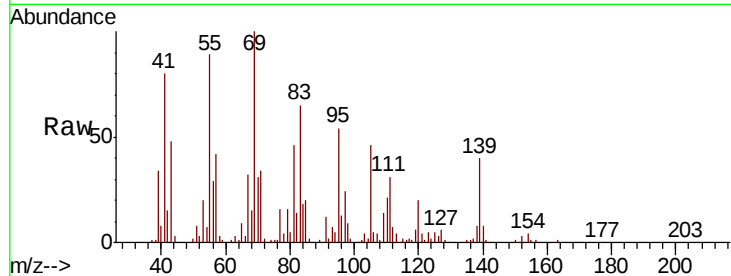




#84
1,2,4-Trimethylbenzene
Concen: 3.550 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

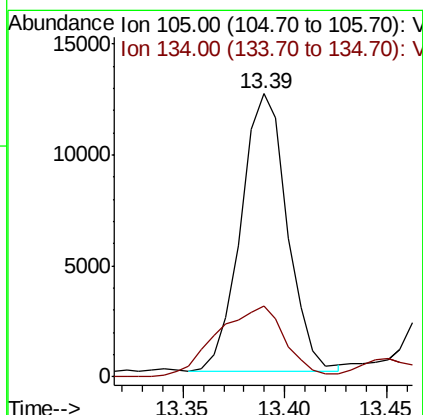
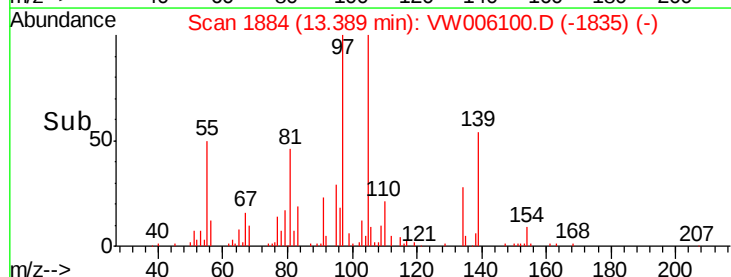
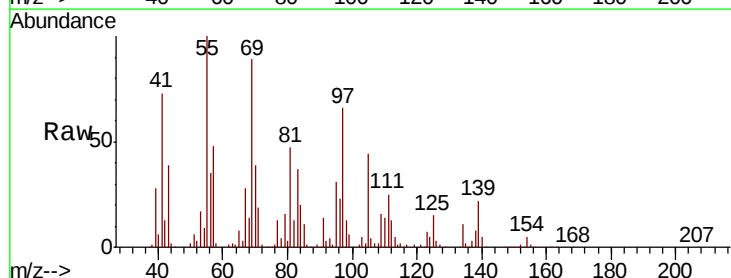
Instrument :
MSVOA_W
ClientSampled :
351-SOIL

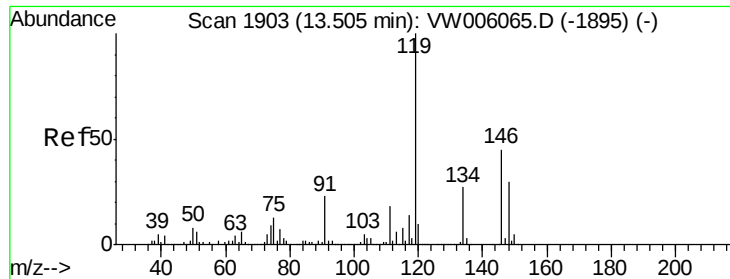
Tgt Ion:105 Resp: 12674
Ion Ratio Lower Upper
105 100
120 42.9 23.1 69.3



#85
sec-Butylbenzene
Concen: 4.424 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion:105 Resp: 19726
Ion Ratio Lower Upper
105 100
134 37.3 10.5 31.6#

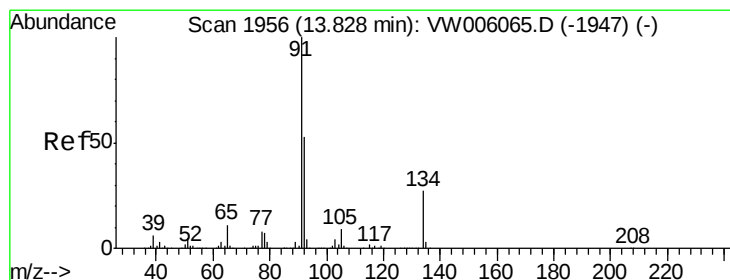
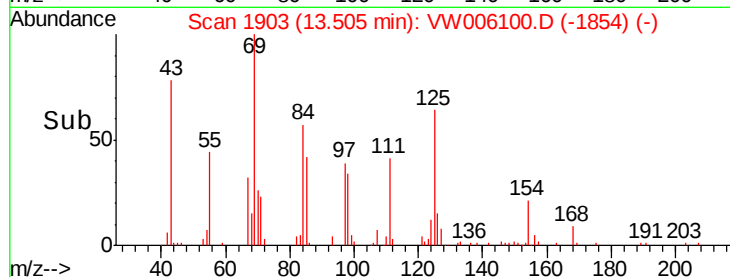
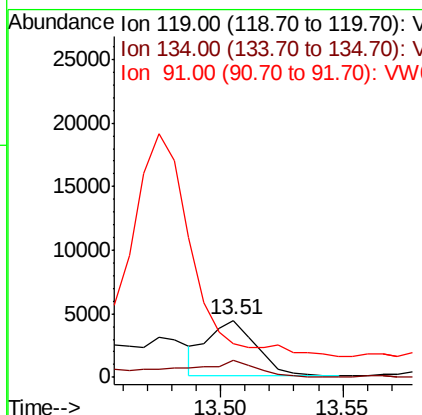
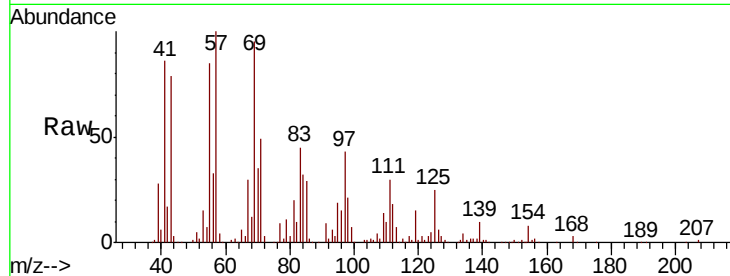




#86
p-Isopropyltoluene
Concen: 1.469 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

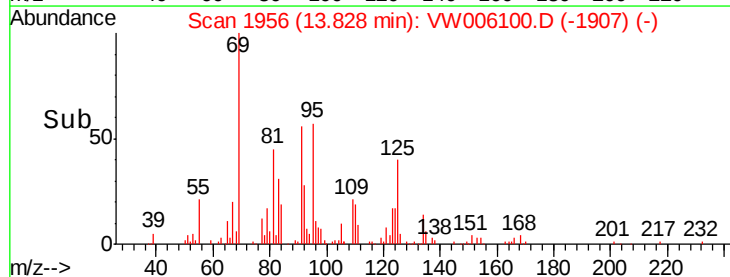
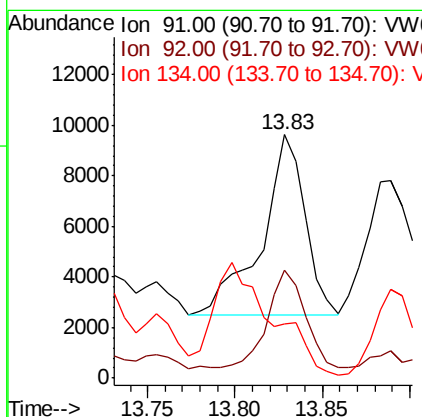
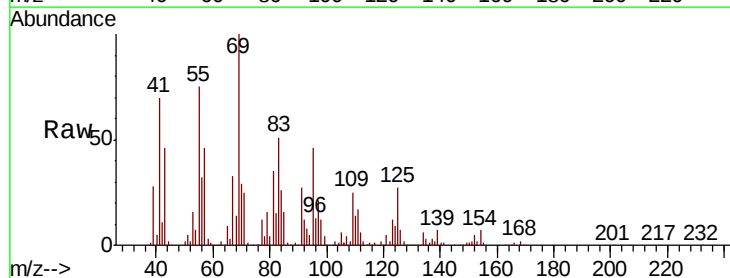
Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

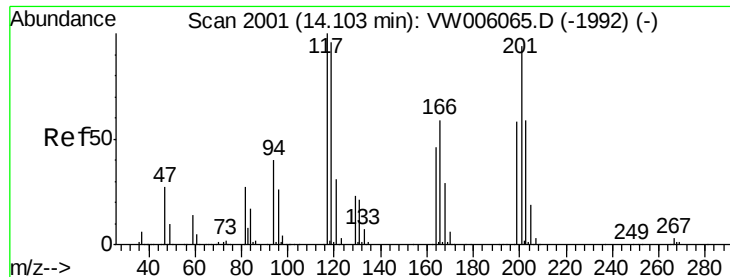
Tgt Ion: 119 Resp: 5923
Ion Ratio Lower Upper
119 100
134 29.9 13.4 40.2
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 3.364 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion: 91 Resp: 12410
Ion Ratio Lower Upper
91 100
92 46.7 26.6 79.7
134 0.0 14.0 41.9#





#90

Hexachloroethane

Concen: 7.142 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

Instrument :

MSVOA_W

ClientSampled :

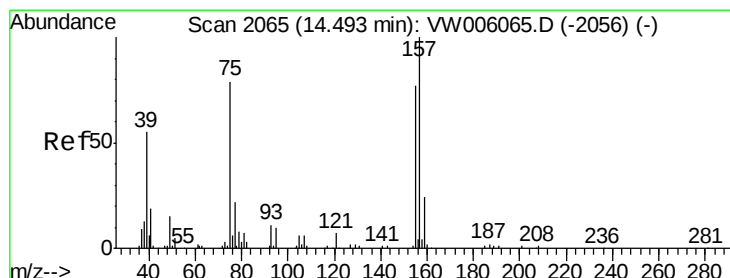
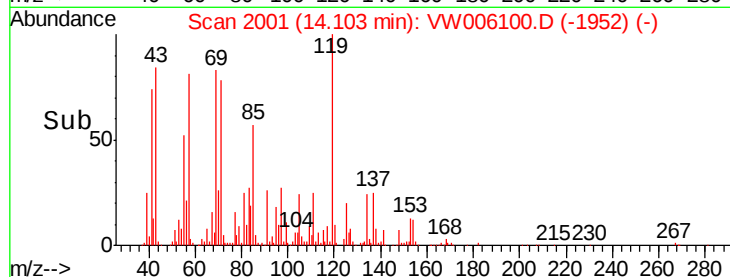
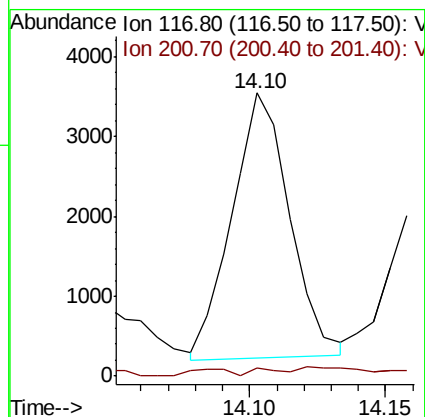
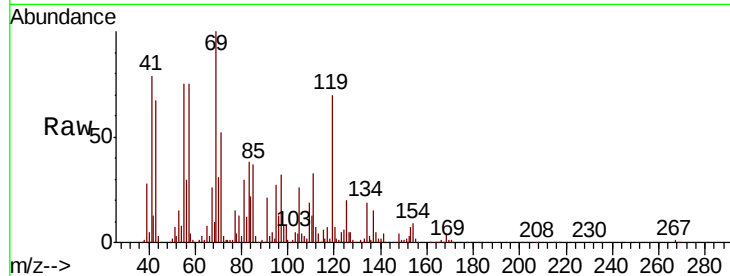
351-SOIL

Tgt Ion:117 Resp: 4879

Ion Ratio Lower Upper

117 100

201 1.8 45.3 135.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.396 ug/l

RT: 14.50 min Scan# 2066

Delta R.T. 0.01 min

Lab File: VW006100.D

Acq: 17 Oct 2018 02:38

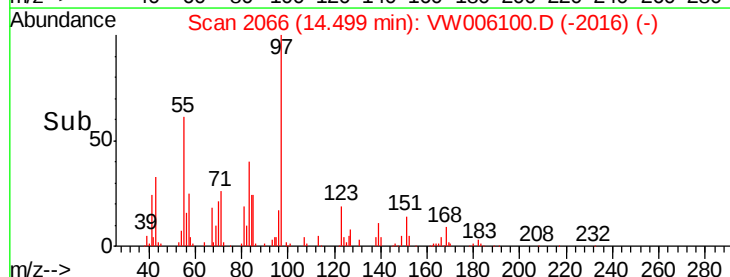
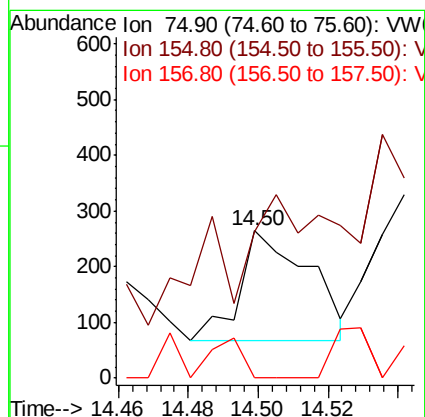
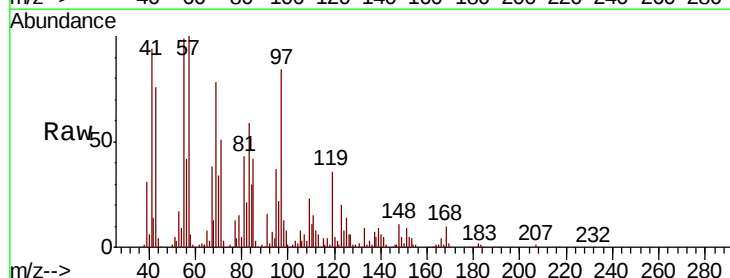
Tgt Ion: 75 Resp: 273

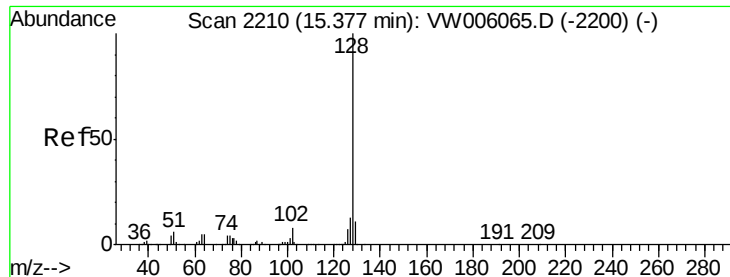
Ion Ratio Lower Upper

75 100

155 100.4 46.5 139.5

157 16.5 59.8 179.4#

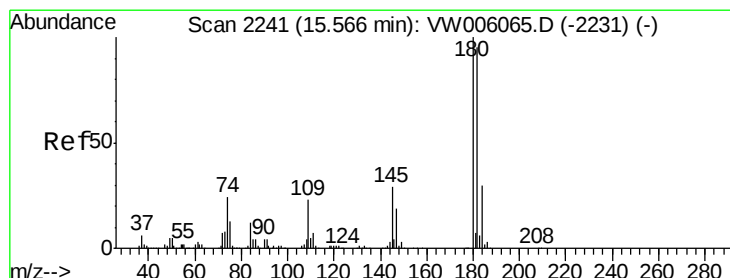
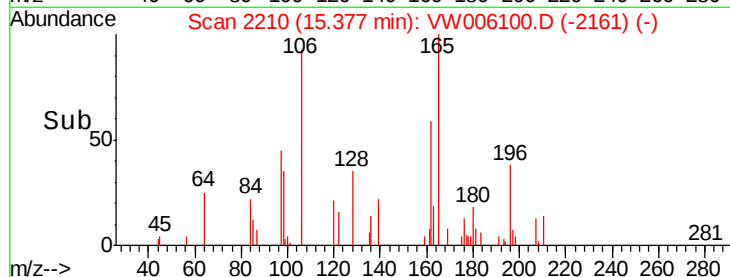
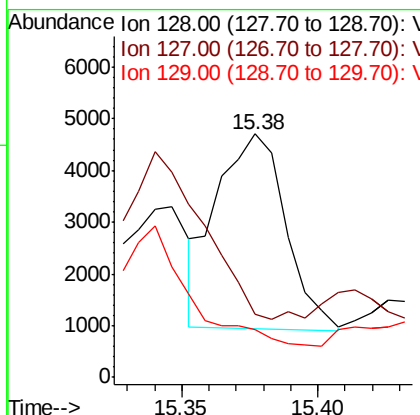
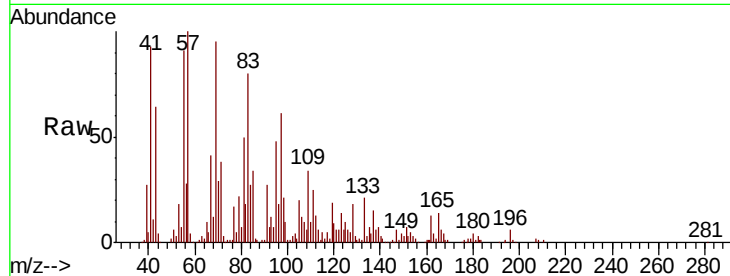




#95
Naphthalene
Concen: 2.832 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Instrument :
MSVOA_W
ClientSampled :
351-SOIL

Tgt Ion:128 Resp: 6596
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.632 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

Tgt Ion:180 Resp: 1976
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.0 45.1#

