

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006151.D
 Acq On : 18 Oct 2018 04:05
 Operator : VA/AP
 Sample : J5536-01RE
 Misc : 3.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOILRE

Quant Time: Oct 18 10:49:30 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	239841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104286	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107456	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
35) Dibromofluoromethane	7.88	113	101700	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.33	98	223615	30.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.40%	
62) 4-Bromofluorobenzene	12.62	95	110923	40.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.08%	

Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	1112	1.03	ug/l	# 36
11) Tert butyl alcohol	5.21	59	2417	18.07	ug/l	# 92
16) Acetone	4.14	43	23988	52.62	ug/l	93
18) Methyl Acetate	4.67	43	3695	3.69	ug/l	94
20) Methylene Chloride	4.91	84	11141	3.79	ug/l	96
25) 2-Butanone	7.18	43	3593	6.69	ug/l	# 83
29) Tetrahydrofuran	7.54	42	468	1.42	ug/l	# 55
31) Cyclohexane	7.95	56	5347	1.47	ug/l	# 33
36) 1,1-Dichloropropene	7.95	75	15691	5.25	ug/l	# 49
37) Ethyl Acetate	7.18	43	3593	3.24	ug/l	# 79
38) Carbon Tetrachloride	7.95	117	21316	6.51	ug/l	# 16
39) Methylcyclohexane	9.30	83	4537	1.14	ug/l	# 37
41) Methacrylonitrile	7.52	41	991	1.48	ug/l	# 41
43) Isopropyl Acetate	8.42	43	2852	1.26	ug/l	# 50
51) 4-Methyl-2-Pentanone	10.25	43	3594	3.16	ug/l	89
55) 1,1,2-Trichloroethane	10.76	97	39963	25.56	ug/l	# 23
56) Ethyl methacrylate	10.67	69	18941	9.88	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.93	63	821	1.12	ug/l	91
59) 2-Hexanone	10.94	43	73046	90.02	ug/l	# 31
67) Ethyl Benzene	11.74	91	10772	1.39	ug/l	90
68) m/p-Xylenes	11.84	106	7171	2.34	ug/l	# 71
69) o-Xylene	12.17	106	6703	2.29	ug/l	69
73) Isopropylbenzene	12.47	105	14721	2.00	ug/l	97
74) N-ethyl acetate	12.26	43	166737	116.52	ug/l	# 43
75) 1,1,2,2-Tetrachloroethane	12.69	83	26070	23.27	ug/l	# 77
76) 1,2,3-Trichloropropane	12.62	75	43683	54.84	ug/l	# 100
78) n-propylbenzene	12.80	91	23535	2.75	ug/l	84
79) 2-Chlorotoluene	12.87	91	10637	2.21	ug/l	# 51
80) 1,3,5-Trimethylbenzene	12.95	105	20338	3.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	43683	131.09	ug/l	# 19
82) 4-Chlorotoluene	12.95	91	10237	2.03	ug/l	# 40
83) tert-Butylbenzene	13.21	119	131092	23.59	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	17904	2.85	ug/l	96
85) sec-Butylbenzene	13.39	105	50921	6.49	ug/l	# 70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006151.D
Acq On : 18 Oct 2018 04:05
Operator : VA/AP
Sample : J5536-01RE
Misc : 3.96G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

Quant Time: Oct 18 10:49:30 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

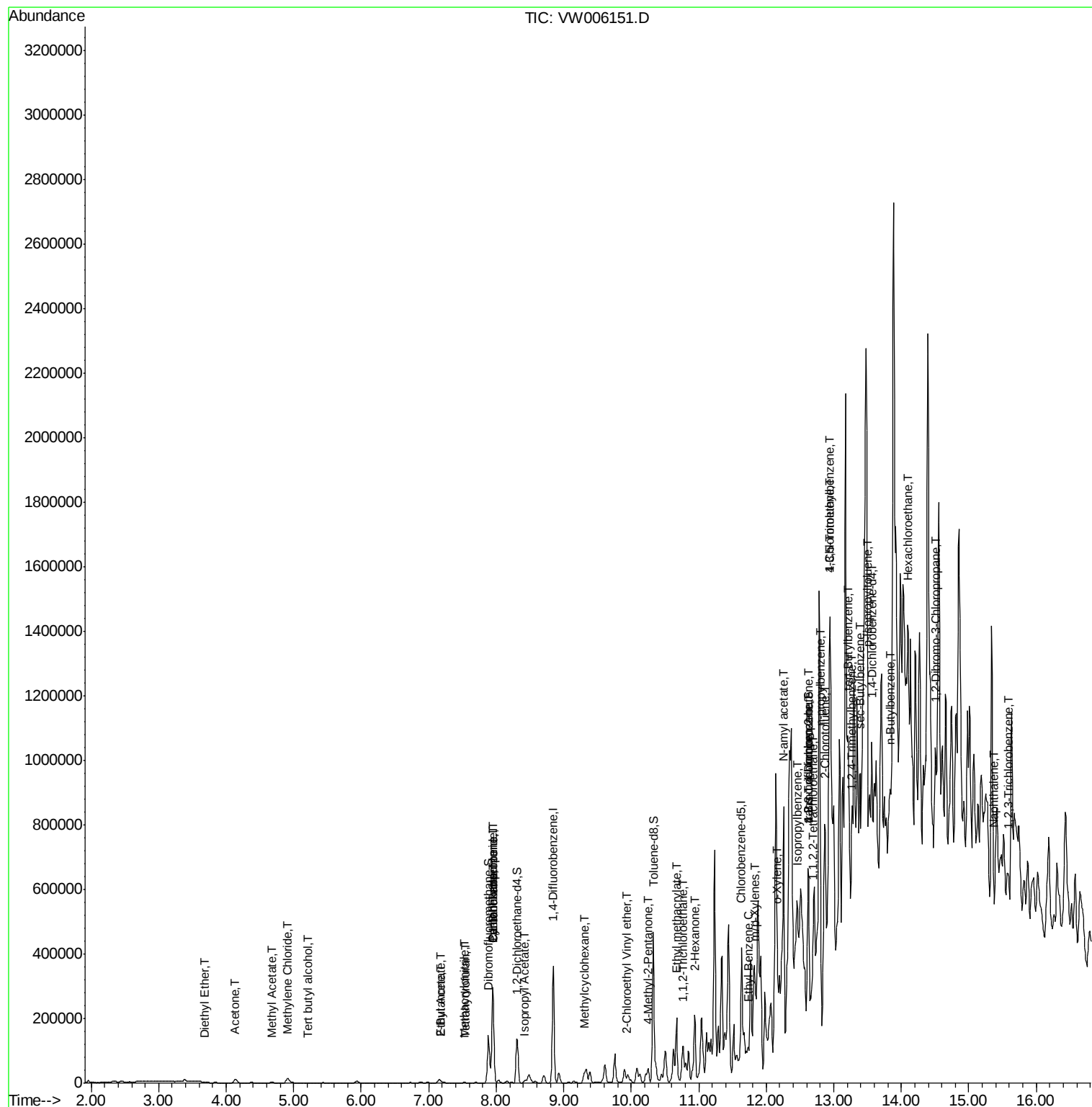
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.51	119	16522	2.33	ug/l #	62
89) n-Butylbenzene	13.83	91	25101	3.87	ug/l #	77
90) Hexachloroethane	14.10	117	10226	8.50	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	446	2.22	ug/l #	34
95) Naphthalene	15.37	128	5153	1.26	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.58	180	2136	1.00	ug/l #	12

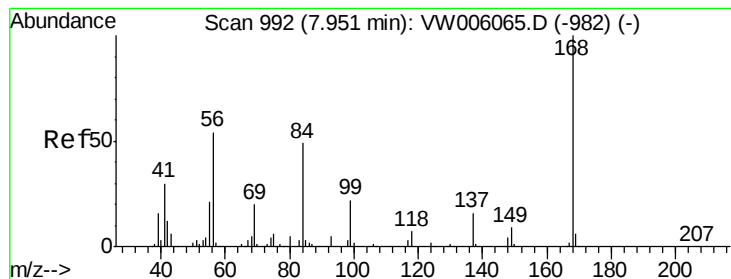
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
Data File : VW006151.D
Acq On : 18 Oct 2018 04:05
Operator : VA/AP
Sample : J5536-01RE
Misc : 3.96G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

Quant Time: Oct 18 10:49:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

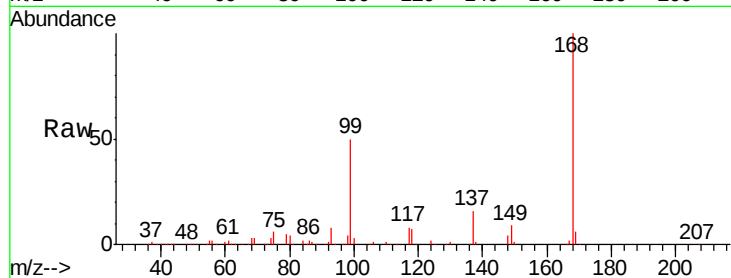
351-SOILRE

Tgt Ion:168 Resp: 239841

Ion Ratio Lower Upper

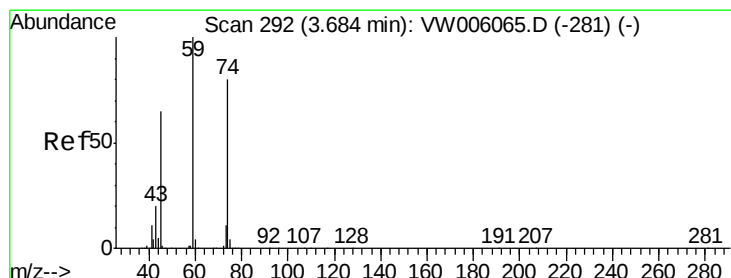
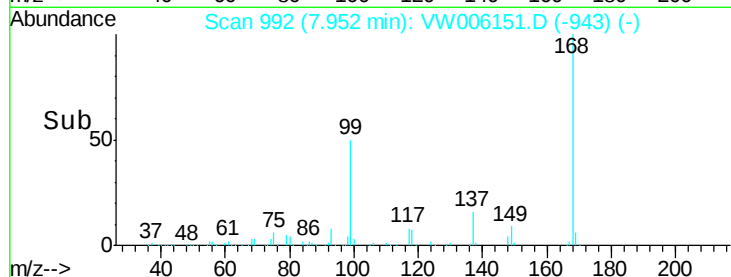
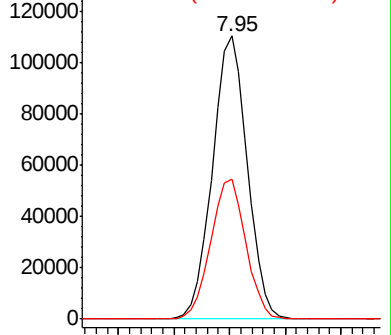
168 100

99 49.5 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: 1.03 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006151.D

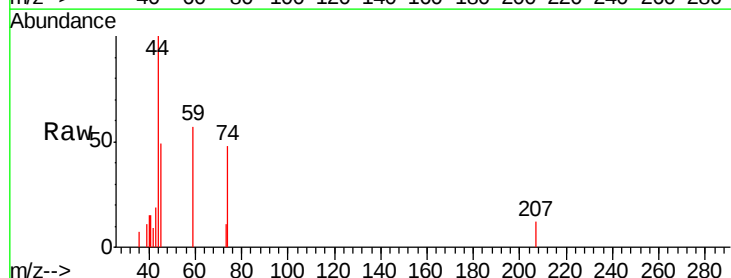
Acq: 18 Oct 2018 04:05

Tgt Ion: 74 Resp: 1112

Ion Ratio Lower Upper

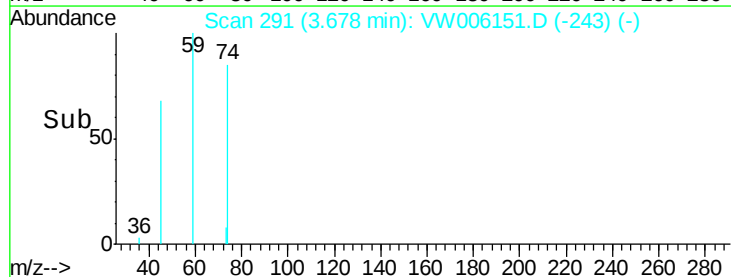
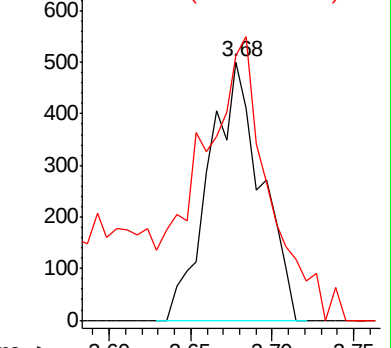
74 100

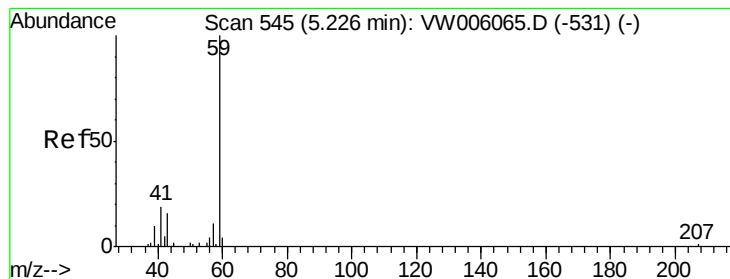
45 143.8 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#11

Tert butyl alcohol

Concen: 18.07 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

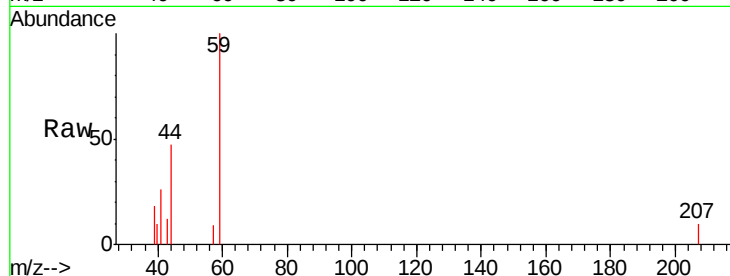
351-SOILRE

Tgt Ion: 59 Resp: 2417

Ion Ratio Lower Upper

59 100

57 7.8 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

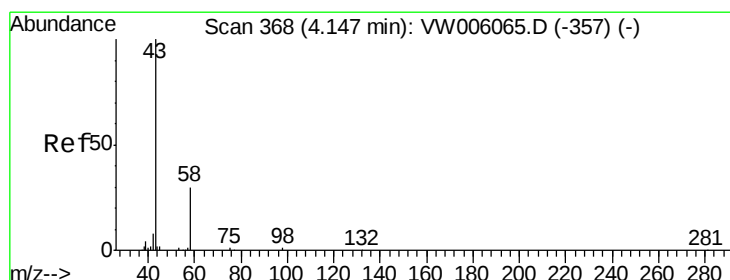
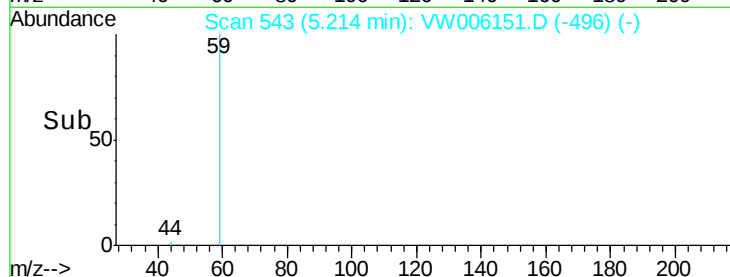
600

400

200

0

Time-->



#16

Acetone

Concen: 52.62 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006151.D

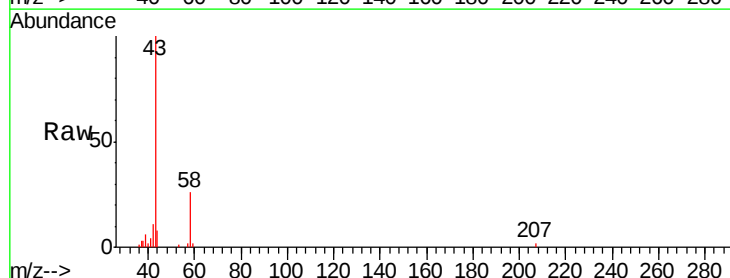
Acq: 18 Oct 2018 04:05

Tgt Ion: 43 Resp: 23988

Ion Ratio Lower Upper

43 100

58 26.2 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

8000

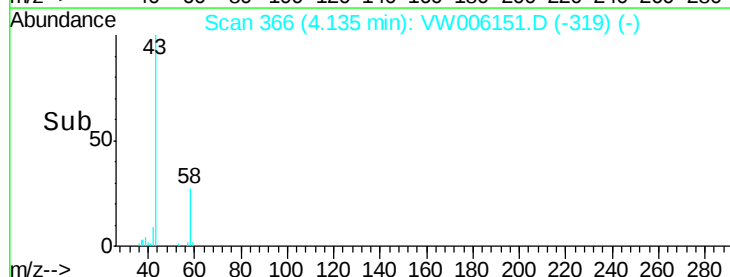
6000

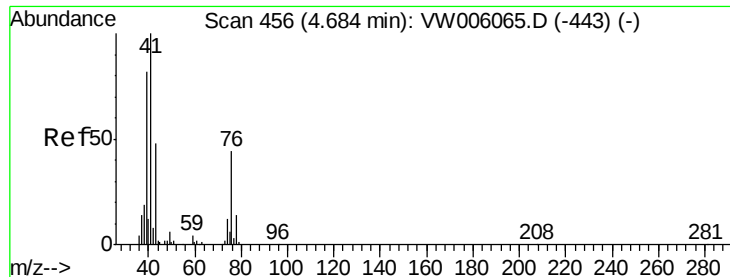
4000

2000

0

Time-->

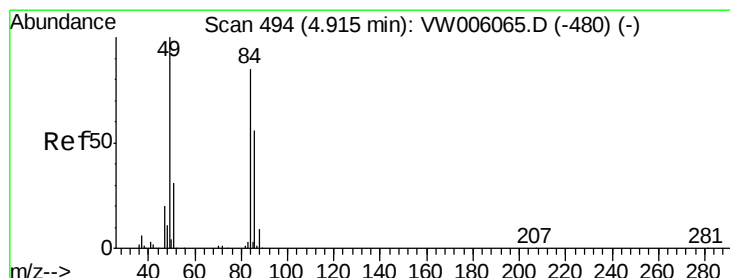
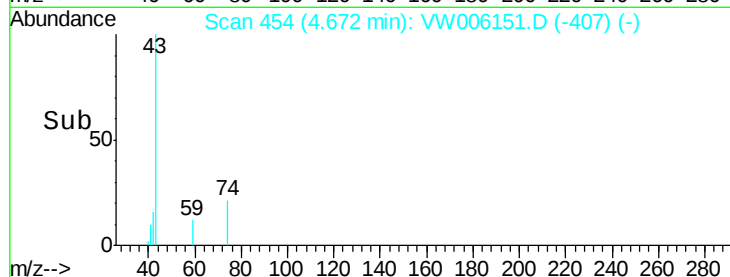
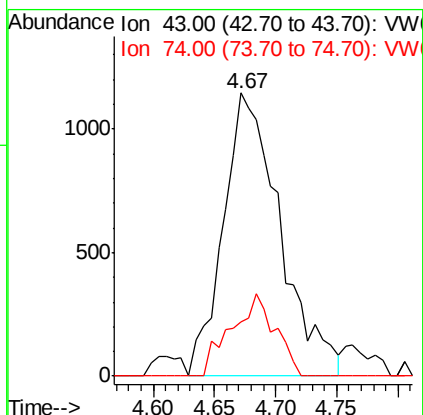
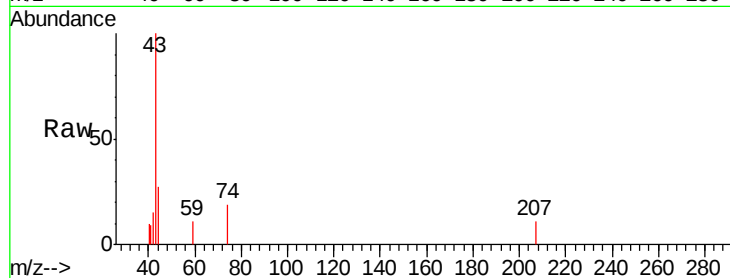




#18
Methyl Acetate
Concen: 3.69 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

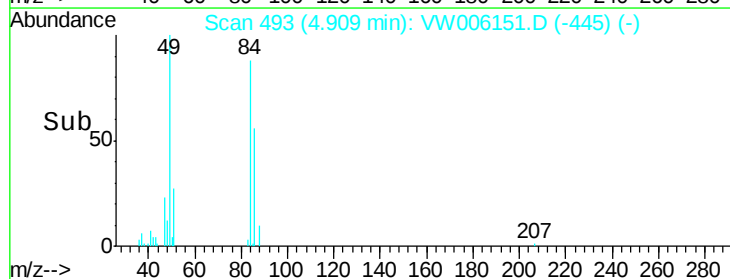
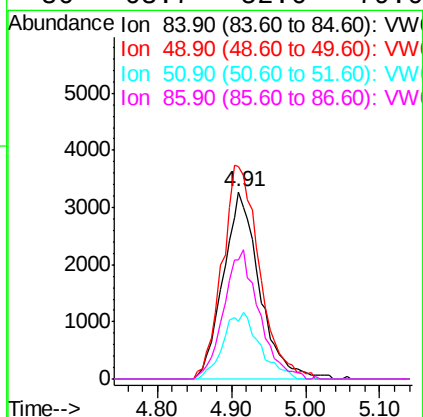
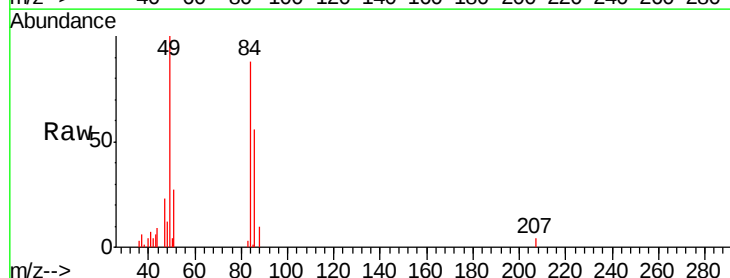
Instrument :
MSVOA_W
ClientSampled :
351-SOILRE

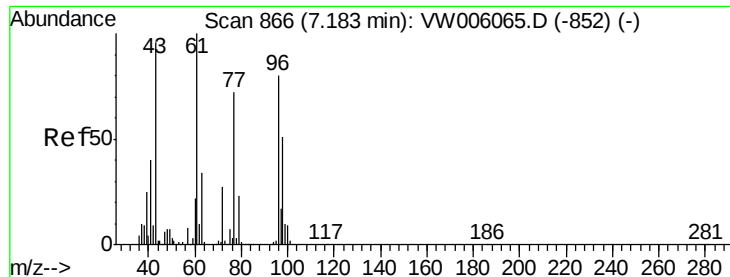
Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
74 22.4 20.5 30.7



#20
Methylene Chloride
Concen: 3.79 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 84 Resp: 11141
Ion Ratio Lower Upper
84 100
49 113.3 93.6 140.4
51 31.0 29.0 43.4
86 63.7 52.6 79.0





#25

2-Butanone

Concen: 6.69 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

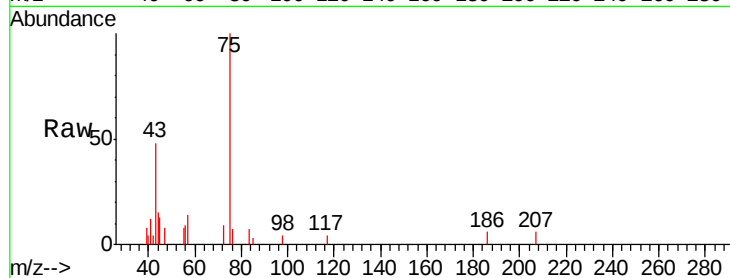
351-SOILRE

Tgt Ion: 43 Resp: 3593

Ion Ratio Lower Upper

43 100

72 19.4 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

800

600

400

200

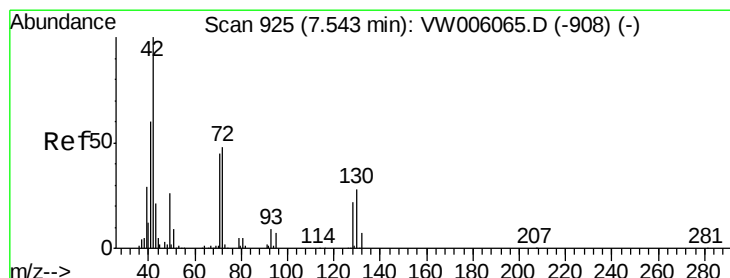
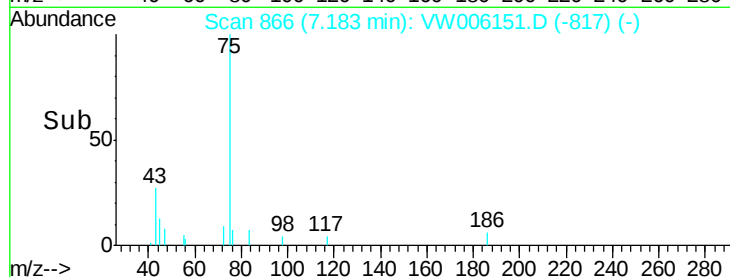
0

7.10

7.20

7.30

Time-->



#29

Tetrahydrofuran

Concen: 1.42 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

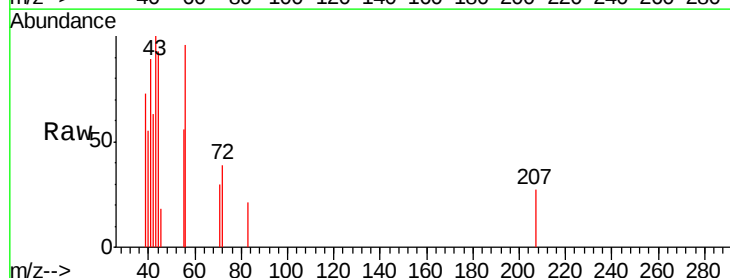
Tgt Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

72 15.2 38.0 57.0#

71 17.1 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

200

150

100

50

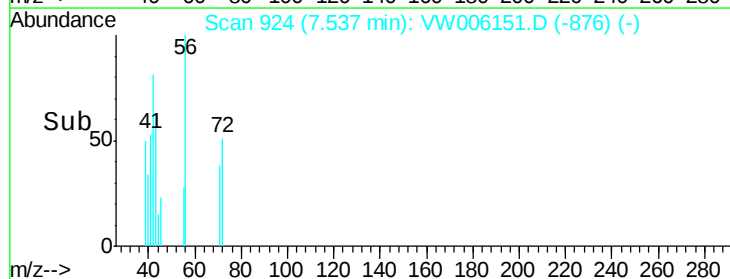
0

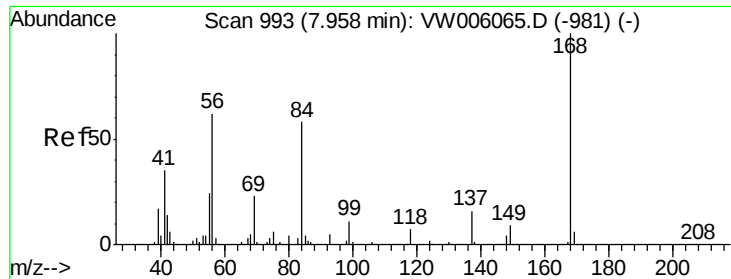
7.50

7.55

7.60

Time-->

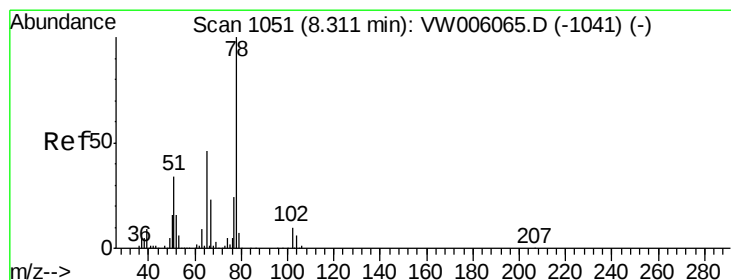
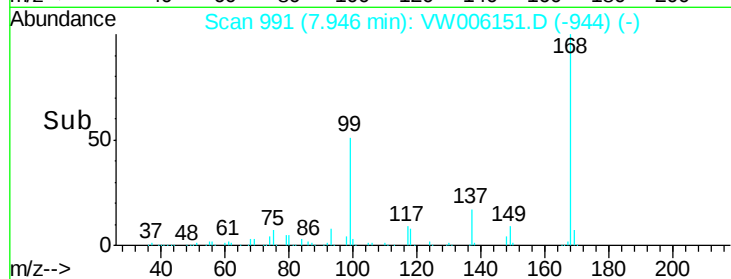
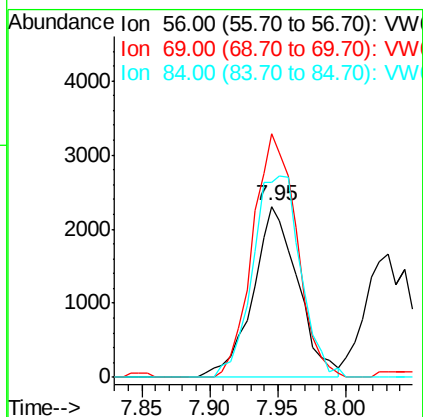
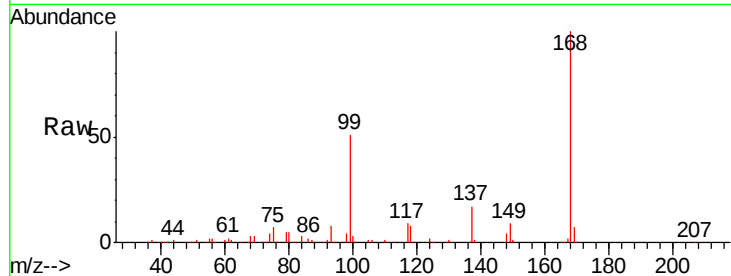




#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

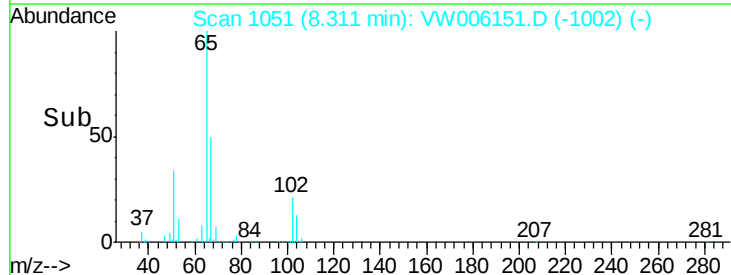
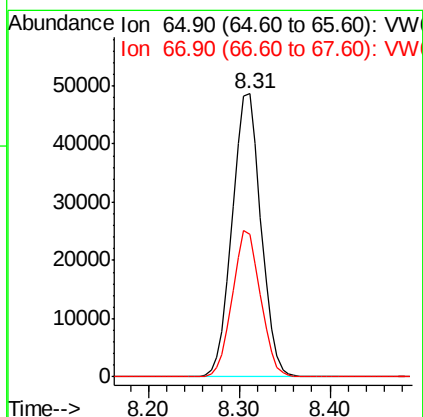
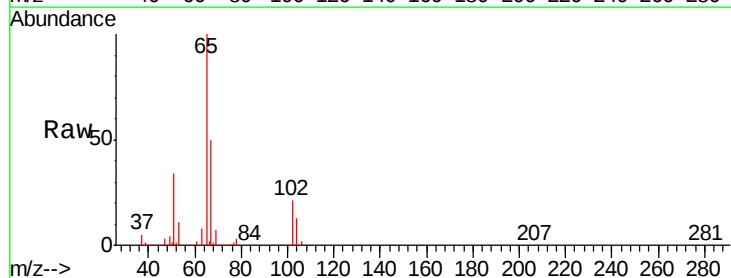
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

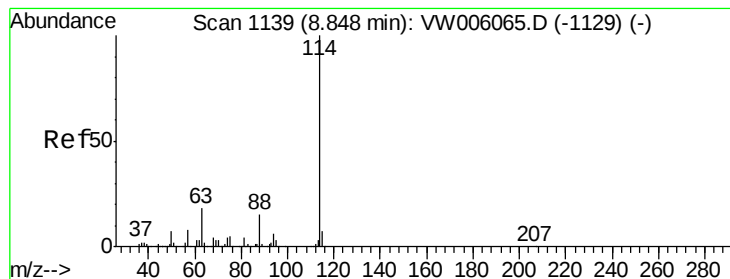
Tgt Ion: 56 Resp: 5347
Ion Ratio Lower Upper
56 100
69 142.4 29.4 44.0#
84 114.4 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 54.04 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 65 Resp: 107456
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

351-SOILRE

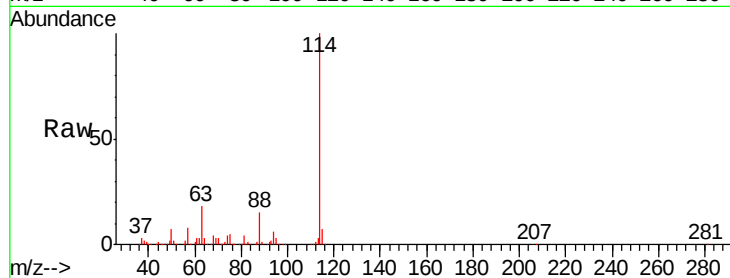
Tgt Ion:114 Resp: 324028

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 14.9 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

200000

150000

100000

50000

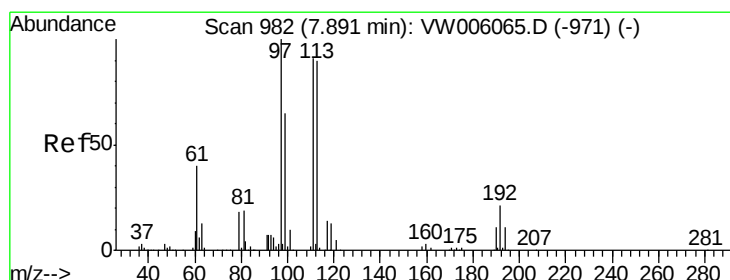
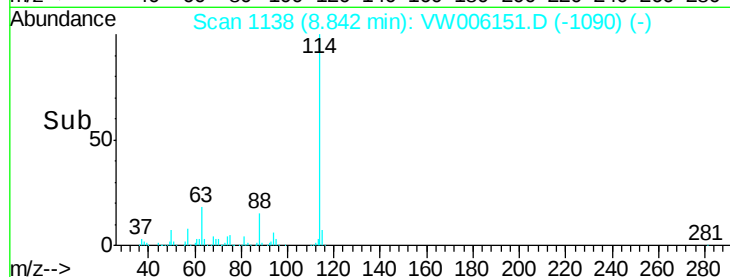
0

8.80

8.84

8.90

Time-->



#35

Dibromofluoromethane

Concen: 53.12 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

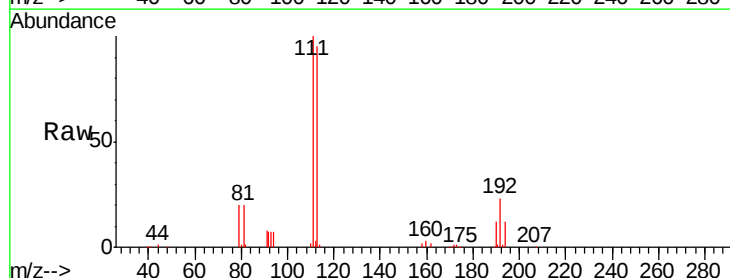
Tgt Ion:113 Resp: 101700

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 23.0 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

60000

50000

40000

30000

20000

10000

0

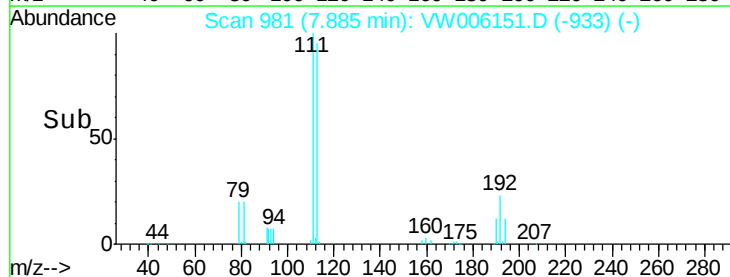
7.80

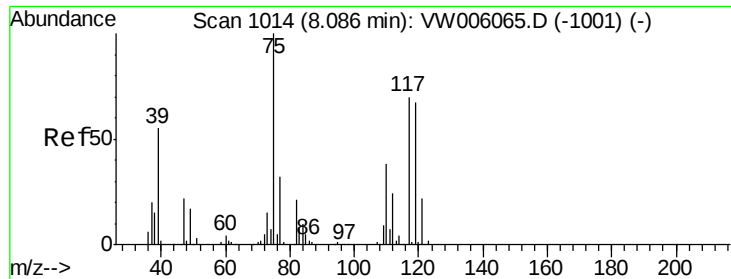
7.88

7.90

8.00

Time-->

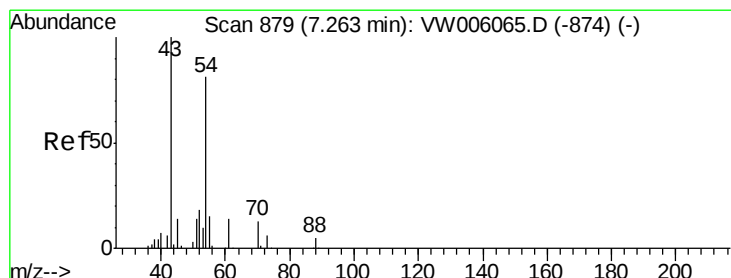
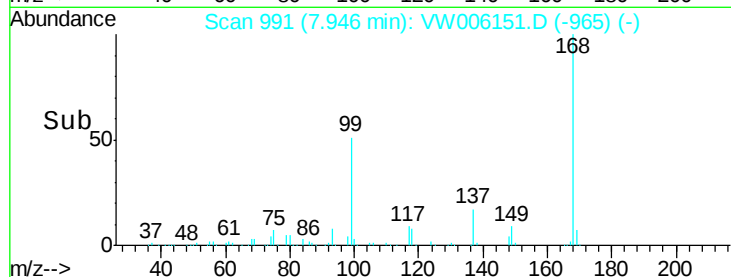
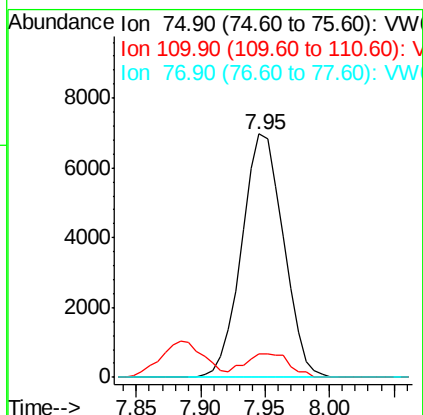
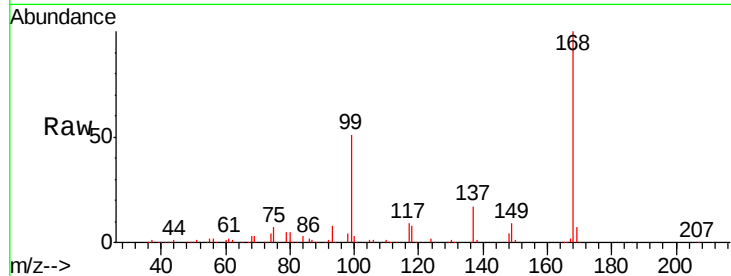




#36
 1,1-Dichloropropene
 Concen: 5.25 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

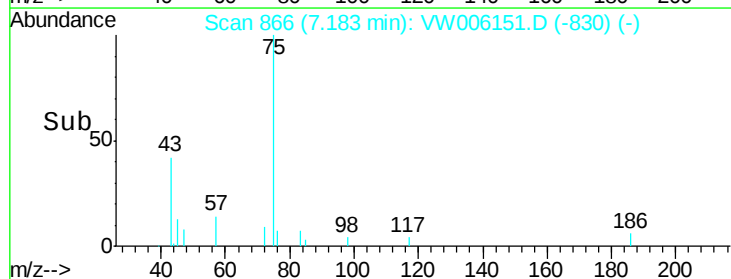
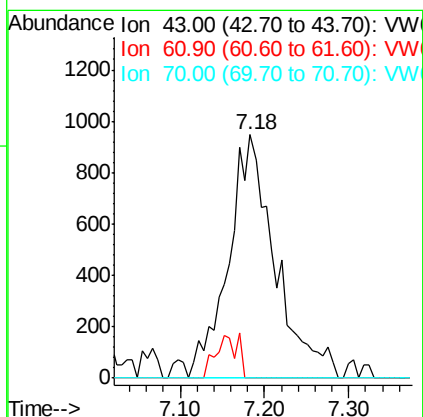
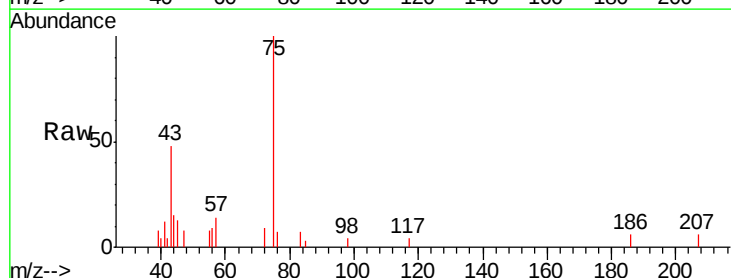
Instrument :
 MSVOA_W
 ClientSampled :
 351-SOILRE

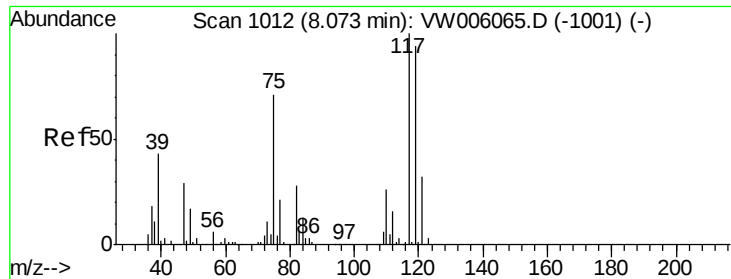
Tgt Ion: 75 Resp: 15691
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.1 57.1#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 3.24 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

Tgt Ion: 43 Resp: 3593
 Ion Ratio Lower Upper
 43 100
 61 8.7 11.5 17.3#
 70 0.0 9.2 13.8#

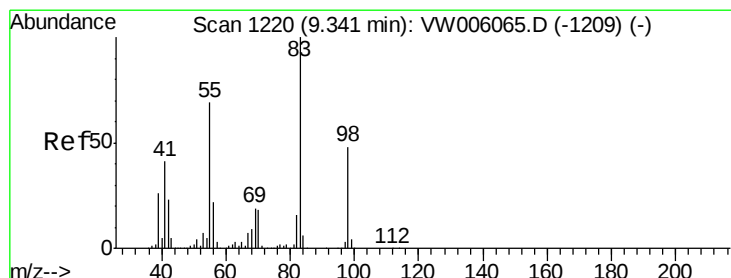
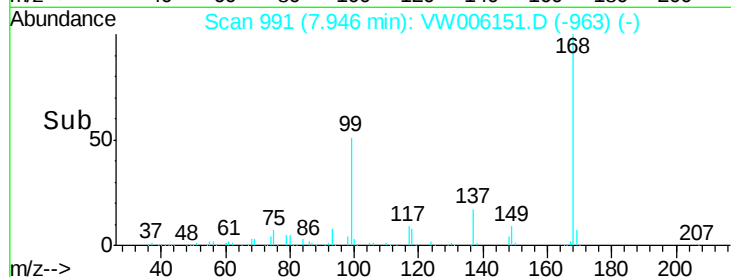
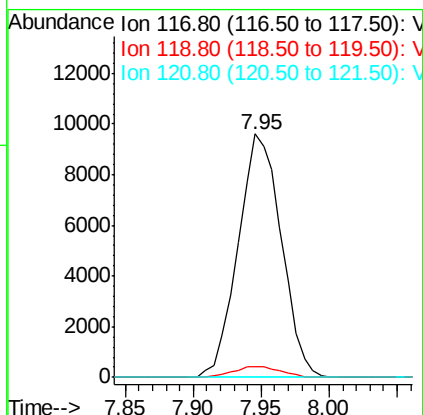
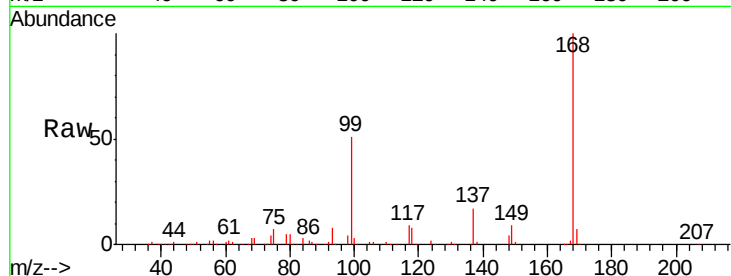




#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

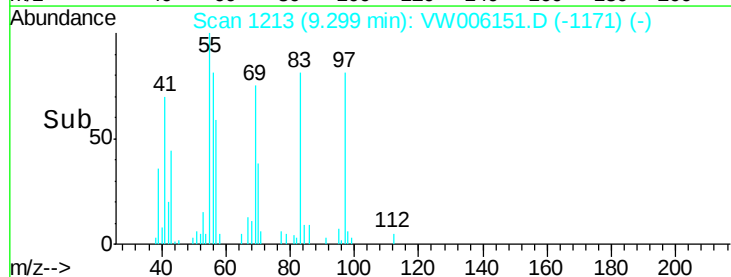
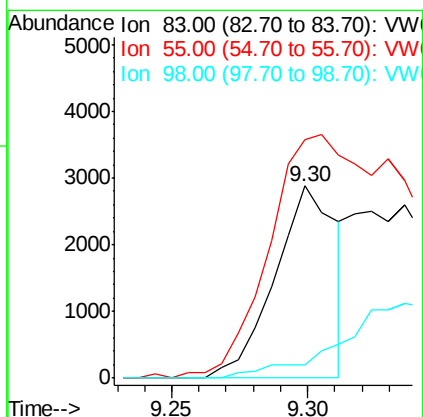
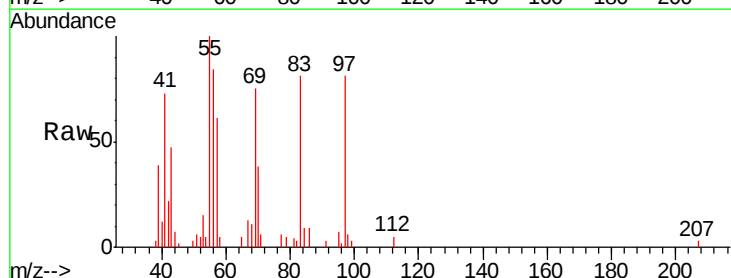
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

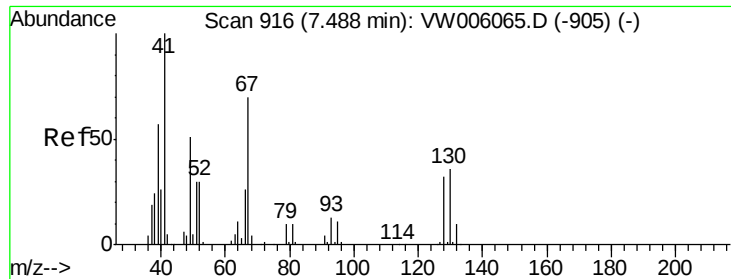
Tgt Ion: 117 Resp: 21316
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 25.3 37.9#



#39
Methylcyclohexane
Concen: 1.14 ug/l
RT: 9.30 min Scan# 1213
Delta R.T. -0.04 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 83 Resp: 4537
Ion Ratio Lower Upper
83 100
55 120.9 55.0 82.6#
98 7.1 38.6 57.8#

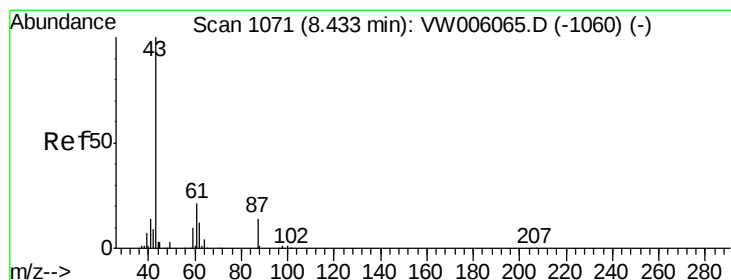
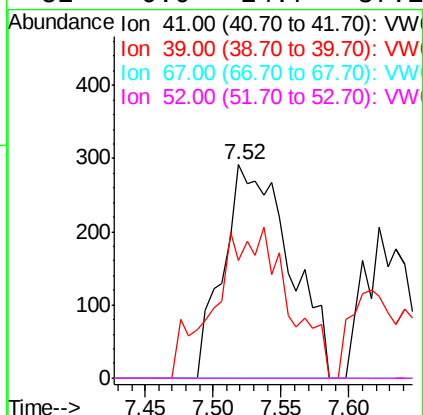
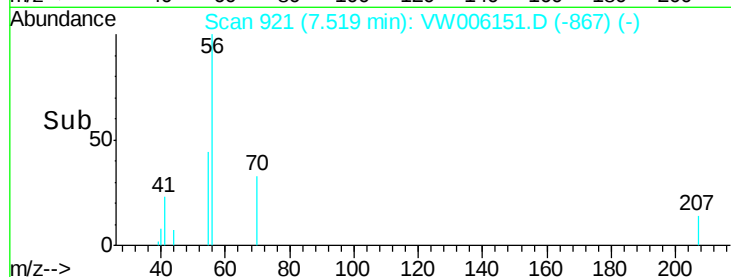
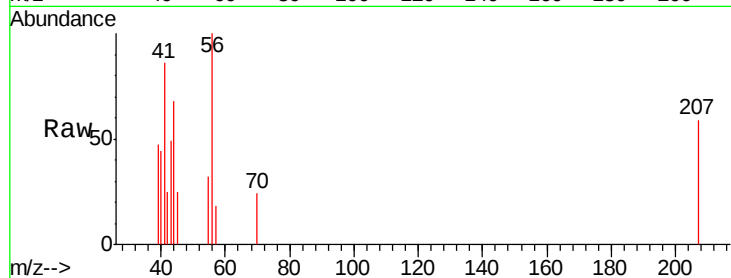




#41
Methacrylonitrile
Concen: 1.48 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.03 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

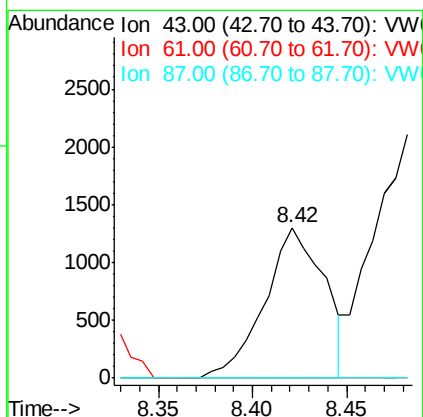
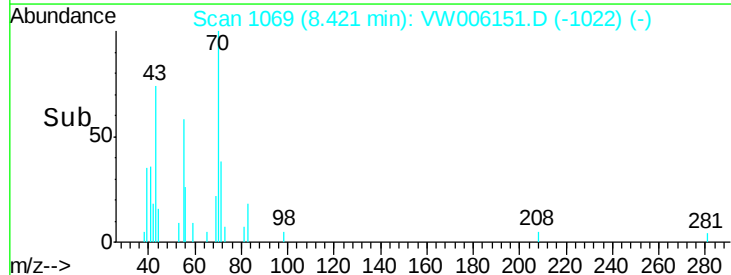
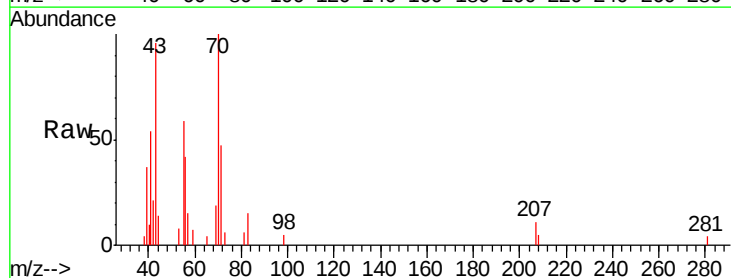
Instrument :
MSVOA_W
ClientSampled :
351-SOILRE

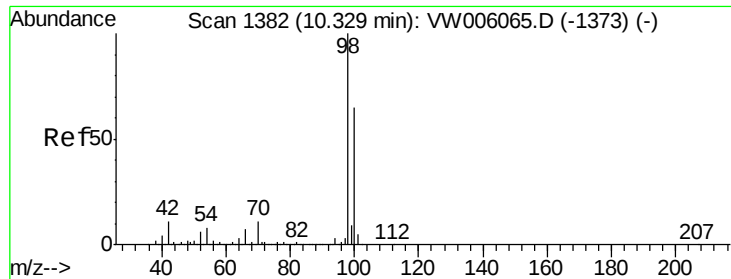
Tgt Ion: 41 Resp: 991
Ion Ratio Lower Upper
41 100
39 77.4 46.2 69.4#
67 0.0 57.7 86.5#
52 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 1.26 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
61 0.0 25.5 38.3#
87 0.0 11.7 17.5#





#50

Toluene-d8

Concen: 30.70 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

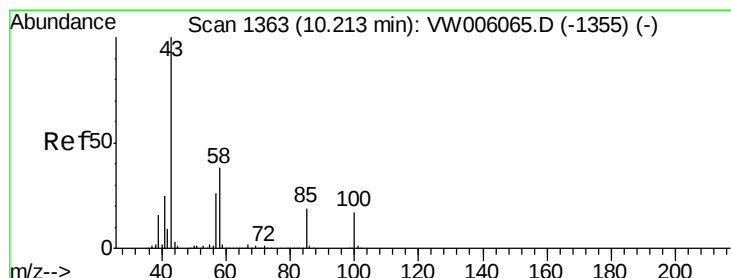
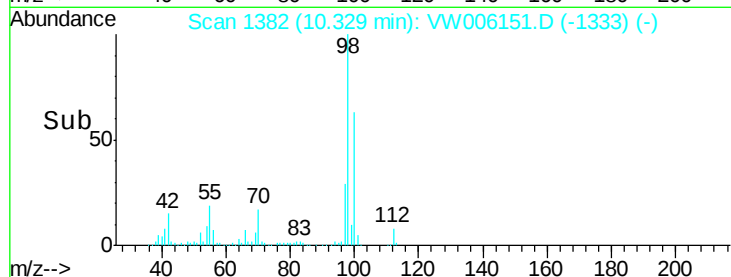
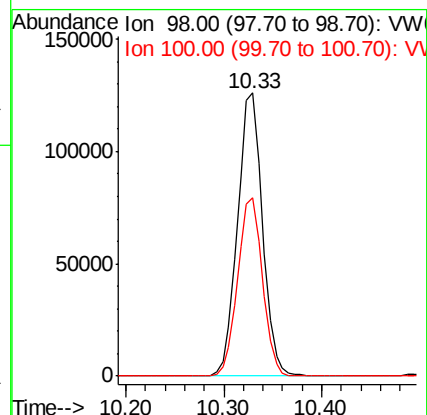
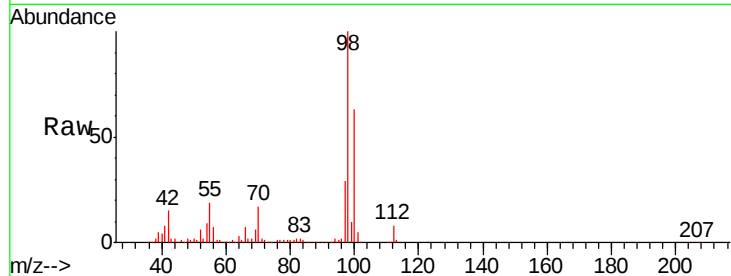
351-SOILRE

Tgt Ion: 98 Resp: 223615

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 3.16 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW006151.D

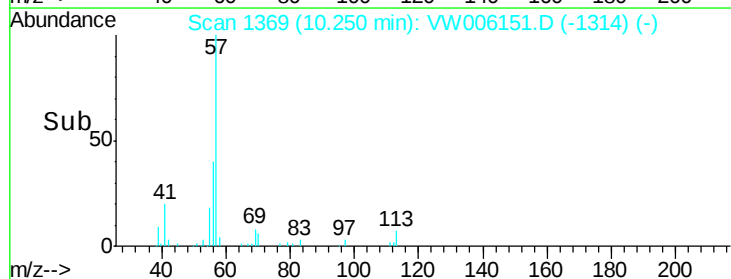
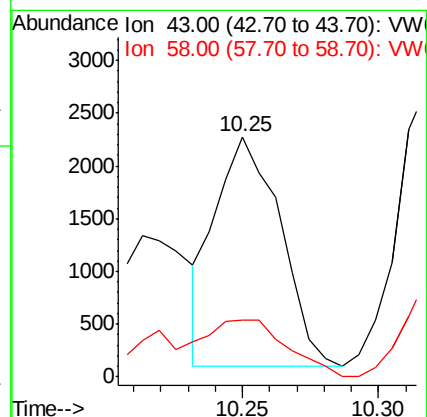
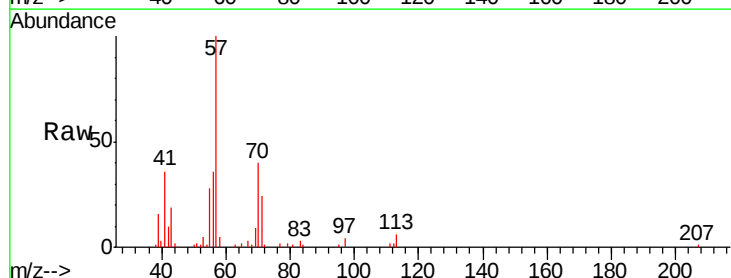
Acq: 18 Oct 2018 04:05

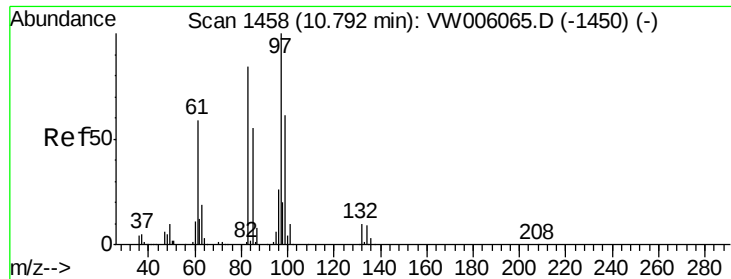
Tgt Ion: 43 Resp: 3594

Ion Ratio Lower Upper

43 100

58 32.8 31.5 47.3





#55

1,1,2-Trichloroethane

Concen: 25.56 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

351-SOILRE

Tgt Ion: 97 Resp: 39963

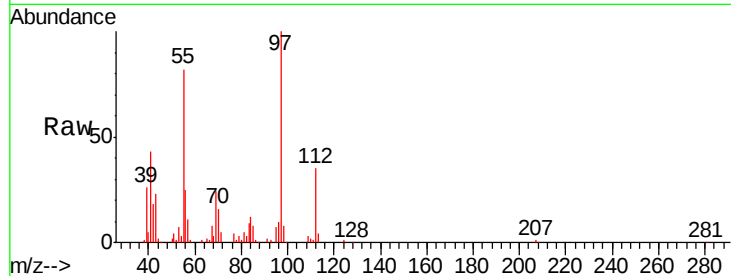
Ion Ratio Lower Upper

97 100

83 9.0 67.2 100.8#

85 8.0 43.7 65.5#

99 0.3 48.5 72.7#

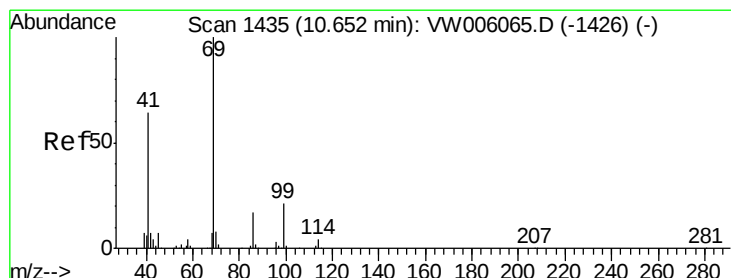
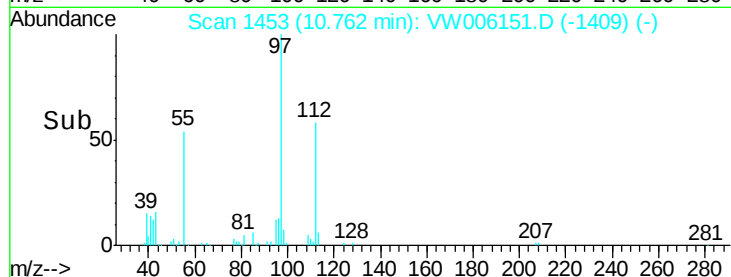
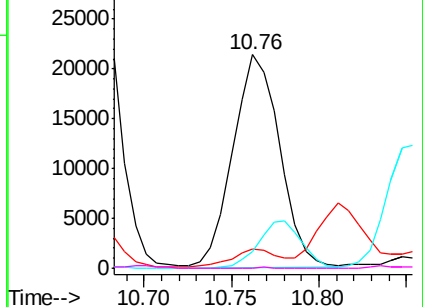


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 9.88 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

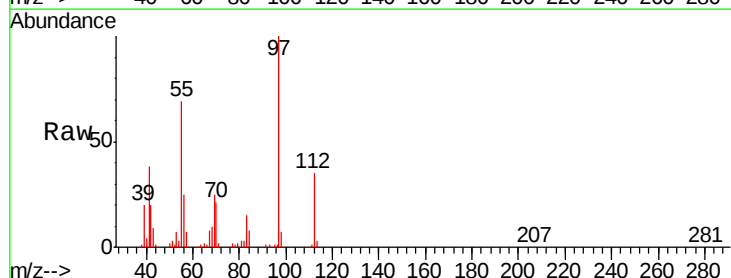
Tgt Ion: 69 Resp: 18941

Ion Ratio Lower Upper

69 100

41 157.2 52.8 79.2#

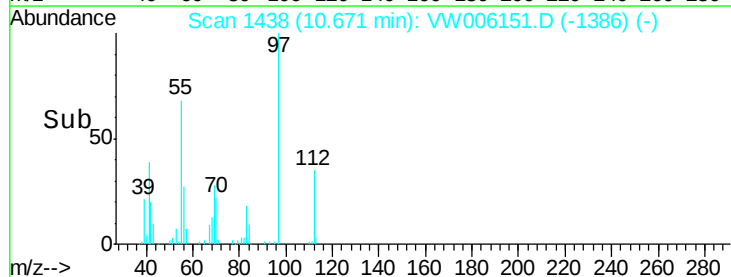
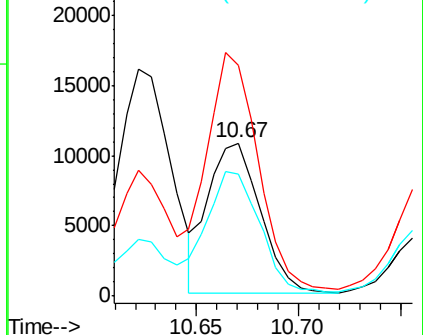
39 83.5 30.6 45.8#

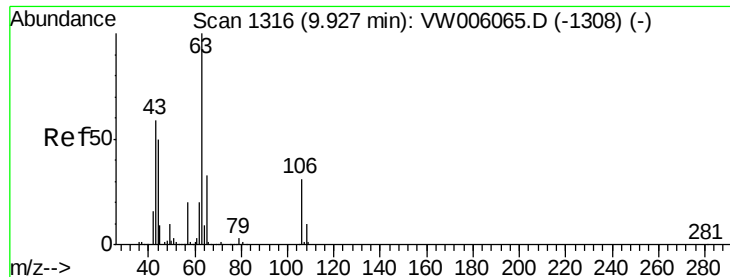


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

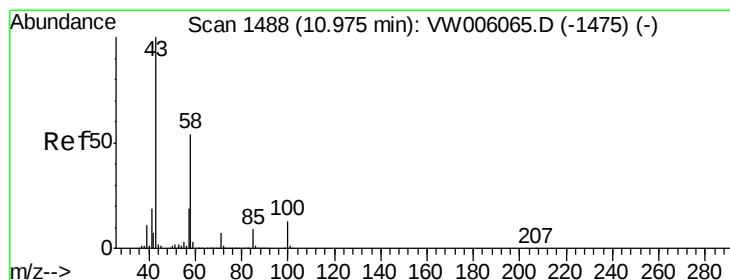
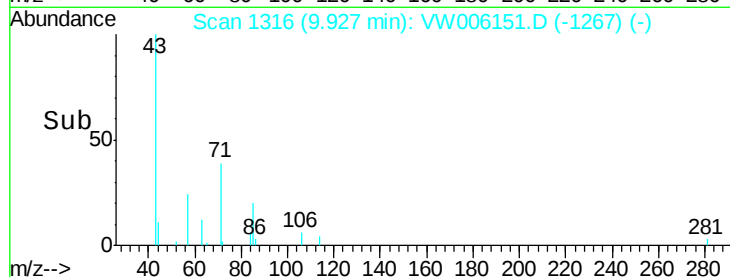
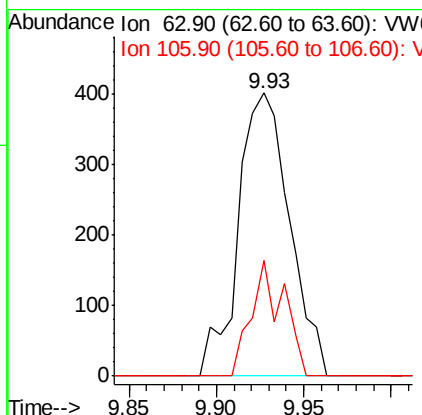
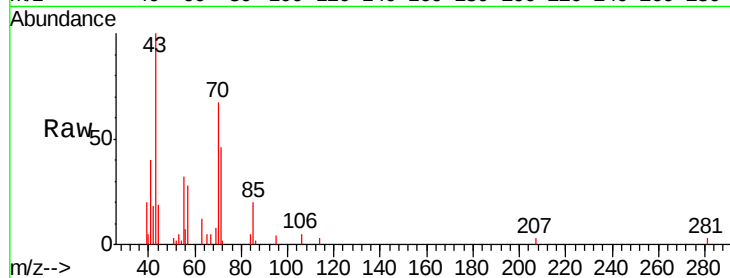




#58
2-Chloroethyl Vinyl ether
Concen: 1.12 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

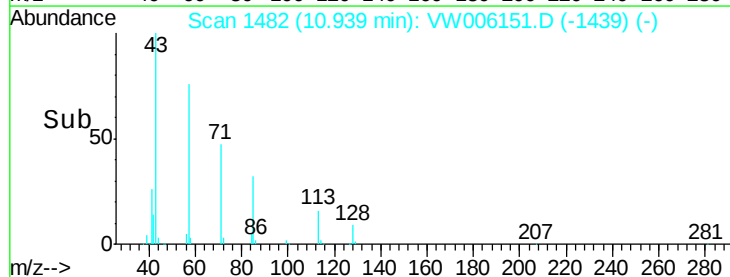
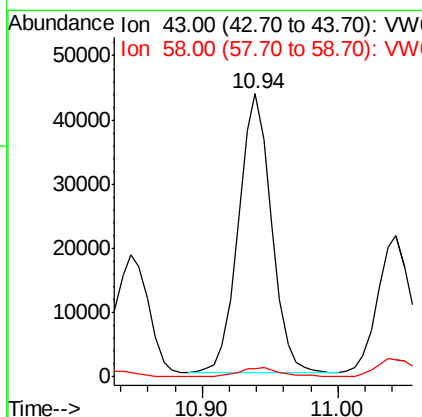
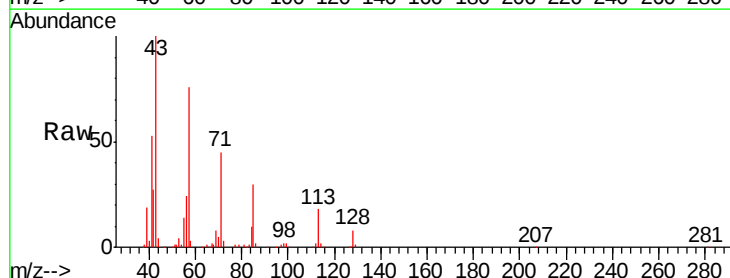
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

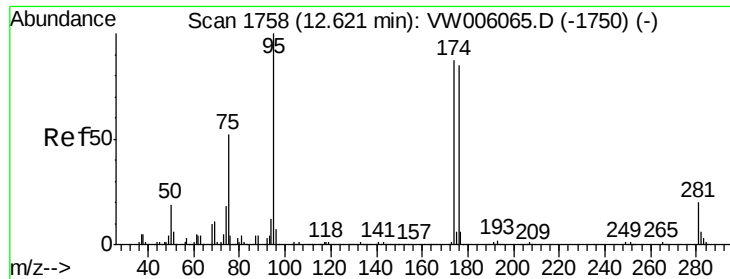
Tgt Ion: 63 Resp: 821
Ion Ratio Lower Upper
63 100
106 25.7 24.5 36.7



#59
2-Hexanone
Concen: 90.02 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 43 Resp: 73046
Ion Ratio Lower Upper
43 100
58 4.5 26.9 80.6#

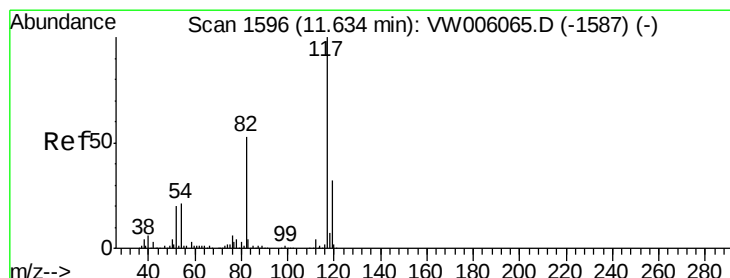
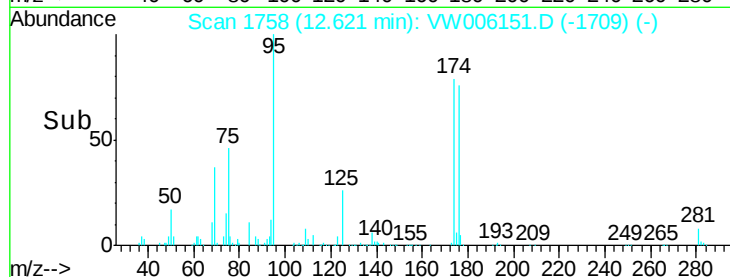
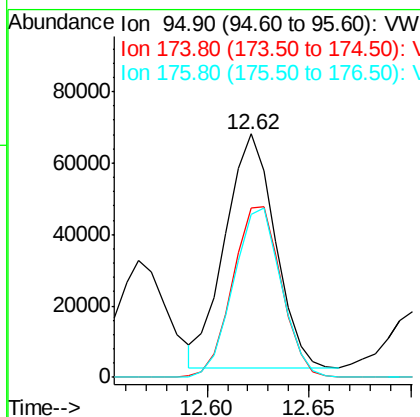
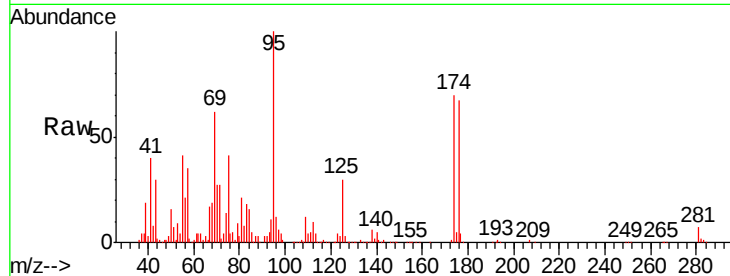




#62
4-Bromofluorobenzene
Concen: 40.54 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

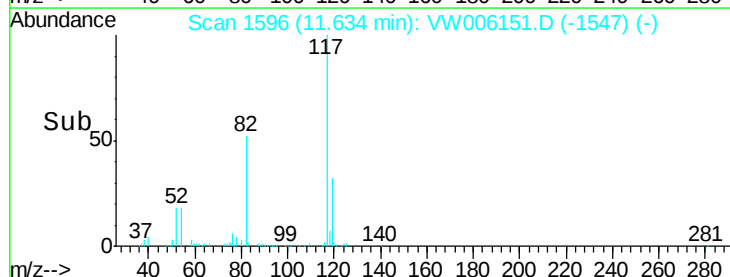
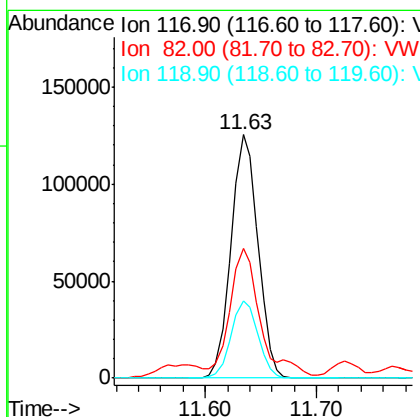
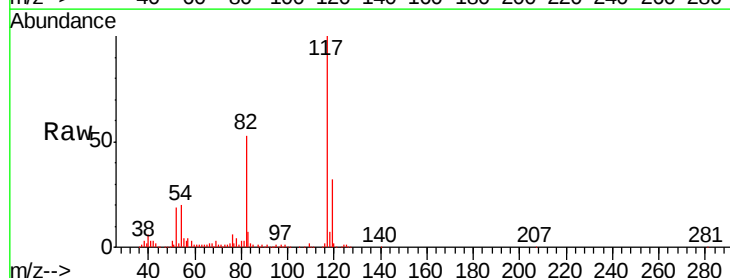
Instrument :
MSVOA_W
ClientSampled :
351-SOILRE

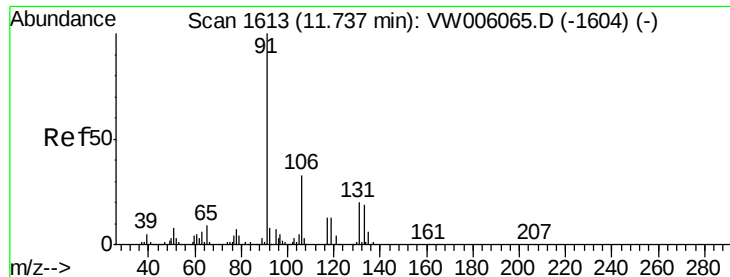
Tgt Ion: 95 Resp: 110923
Ion Ratio Lower Upper
95 100
174 71.3 0.0 186.0
176 69.6 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 117 Resp: 209199
Ion Ratio Lower Upper
117 100
82 48.0 42.1 63.1
119 31.8 25.8 38.6

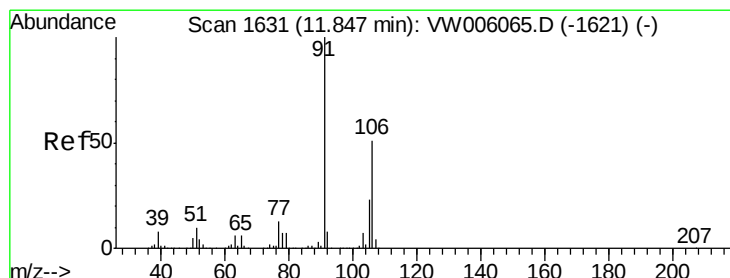
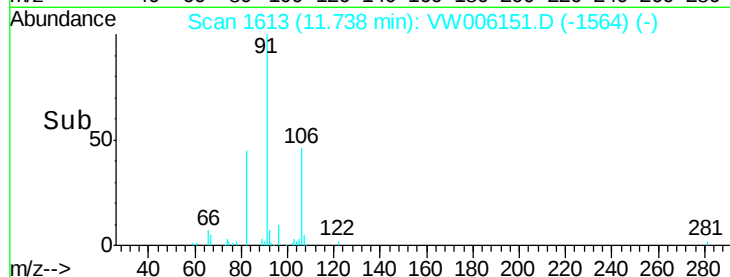
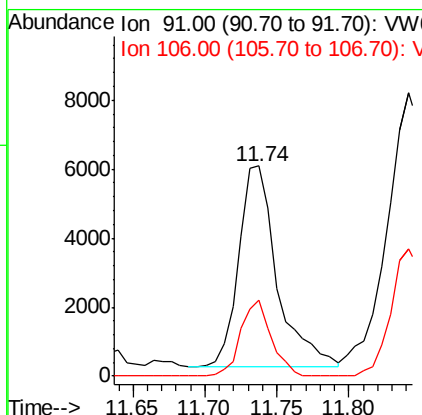
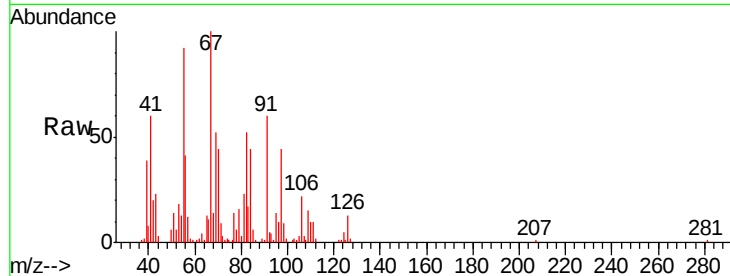




#67
Ethyl Benzene
Concen: 1.39 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

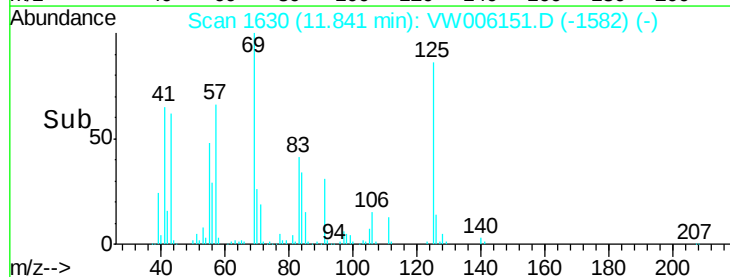
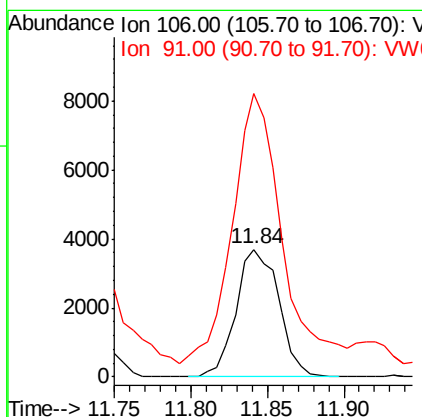
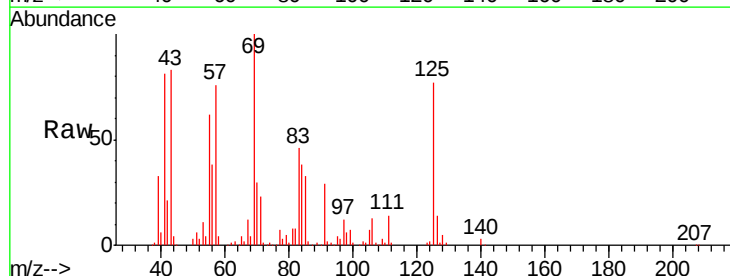
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

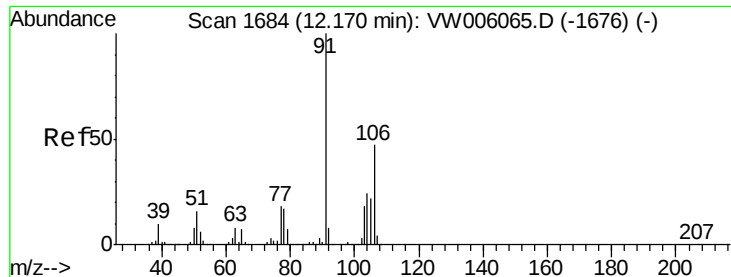
Tgt Ion: 91 Resp: 10772
Ion Ratio Lower Upper
91 100
106 38.1 26.1 39.1



#68
m/p-Xylenes
Concen: 2.34 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 106 Resp: 7171
Ion Ratio Lower Upper
106 100
91 241.9 159.1 238.7#

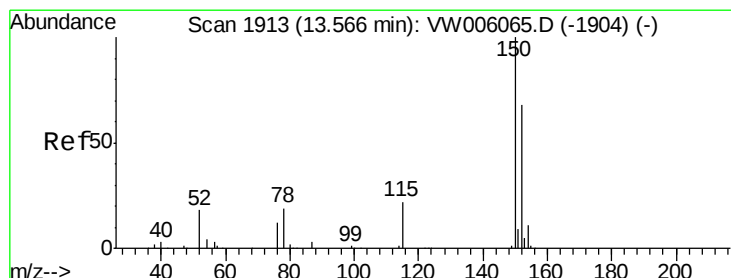
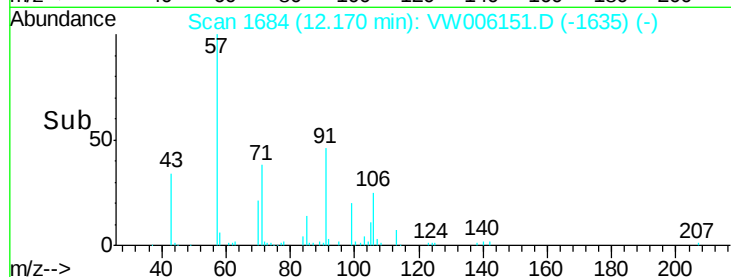
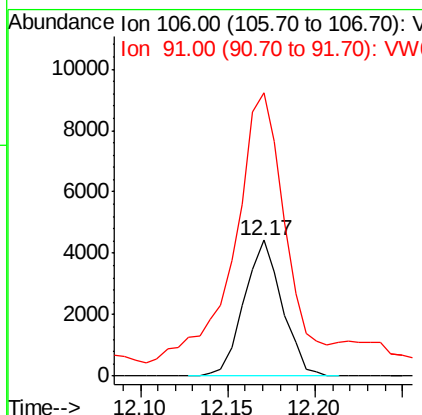
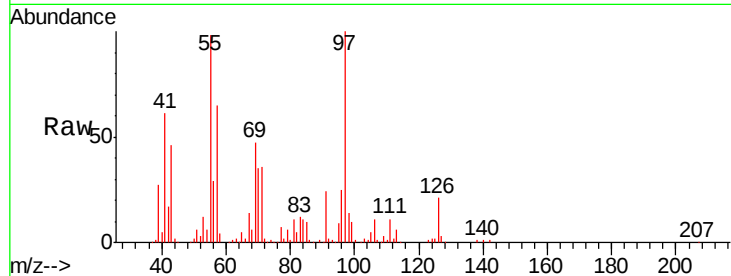




#69
o-Xylene
Concen: 2.29 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

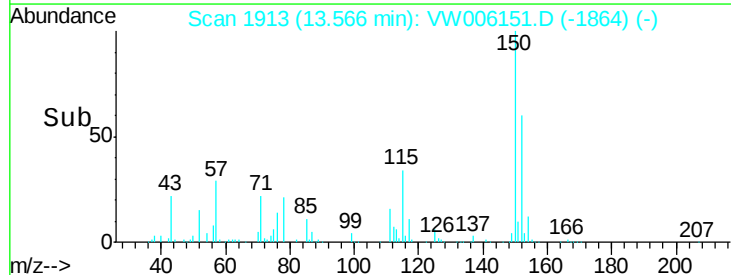
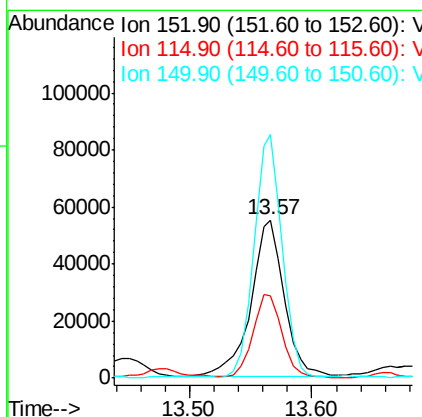
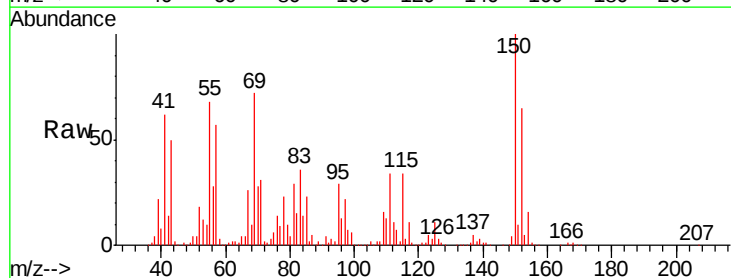
Instrument :
MSVOA_W
ClientSampled :
351-SOILRE

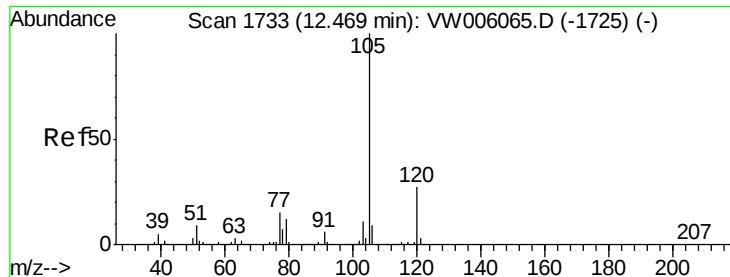
Tgt Ion:106 Resp: 6703
Ion Ratio Lower Upper
106 100
91 259.6 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion:152 Resp: 104286
Ion Ratio Lower Upper
152 100
115 46.0 27.8 83.3
150 129.5 0.0 349.2





#73

Isopropylbenzene

Concen: 2.00 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

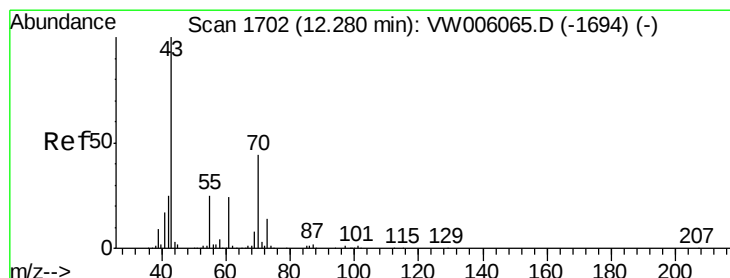
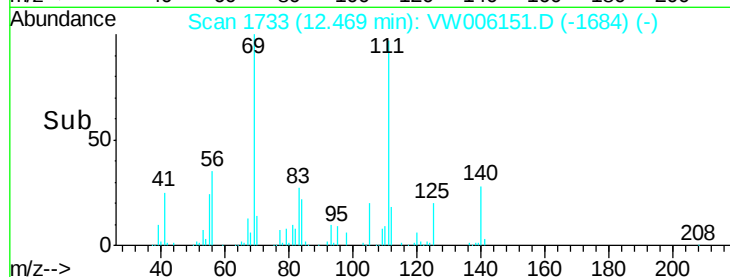
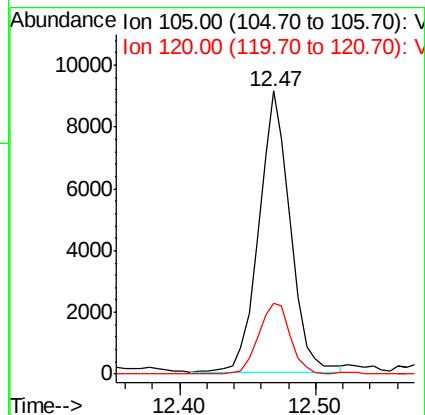
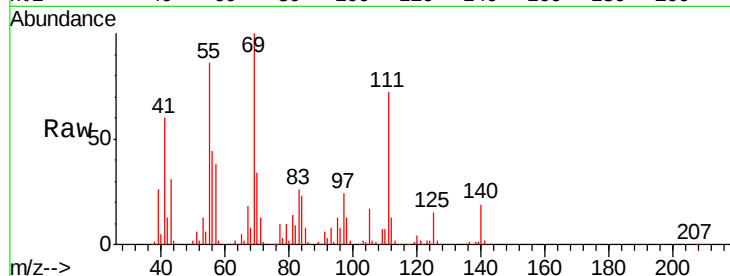
351-SOILRE

Tgt Ion:105 Resp: 14721

Ion Ratio Lower Upper

105 100

120 25.6 13.6 40.7



#74

N-ethyl acetate

Concen: 116.52 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Tgt Ion: 43 Resp: 166737

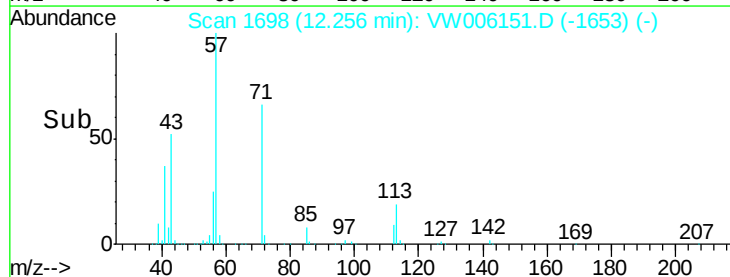
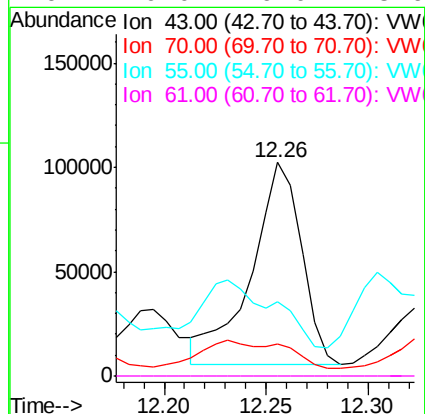
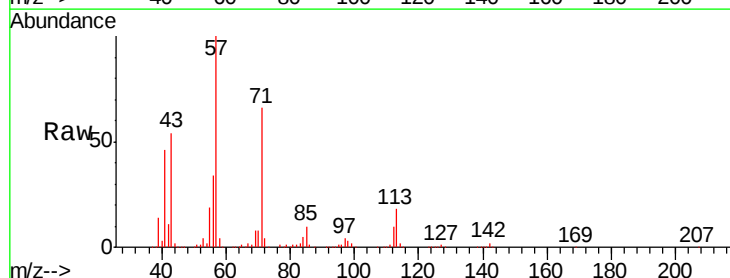
Ion Ratio Lower Upper

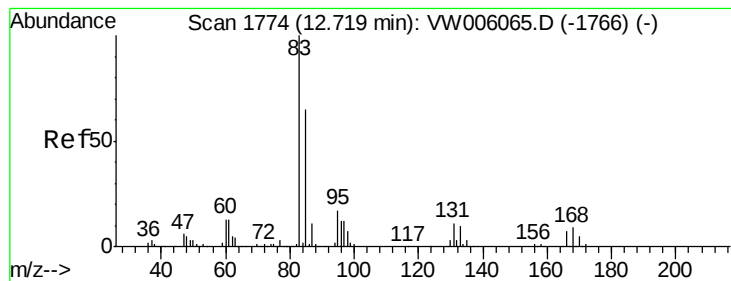
43 100

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: 23.27 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

351-SOILRE

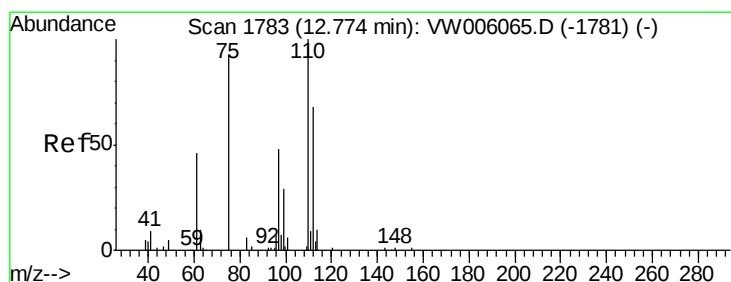
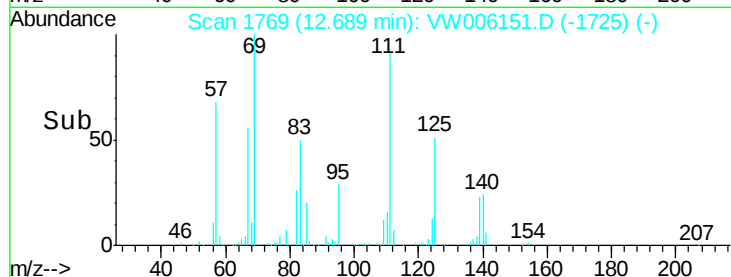
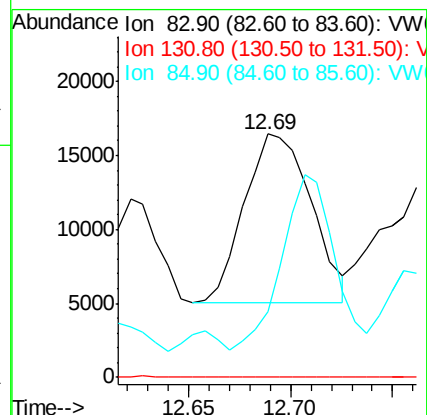
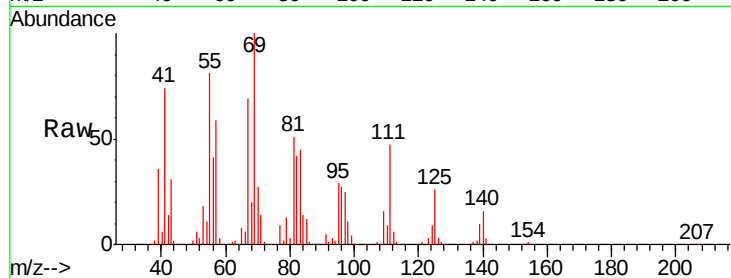
Tgt Ion: 83 Resp: 26070

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 80.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 54.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006151.D

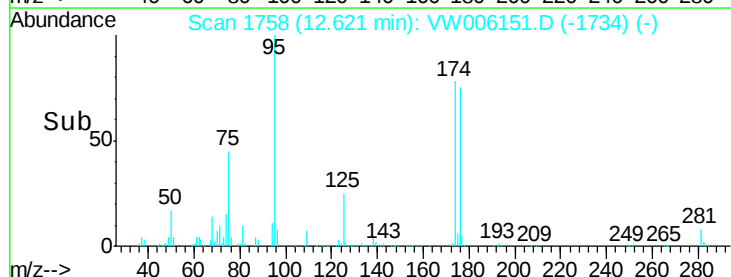
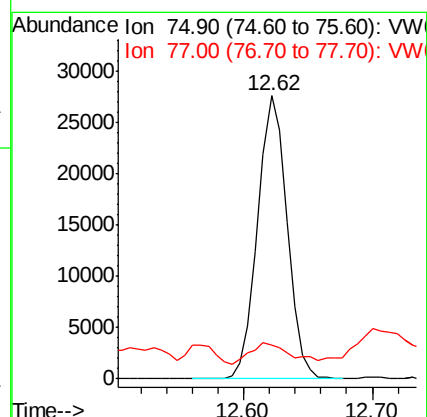
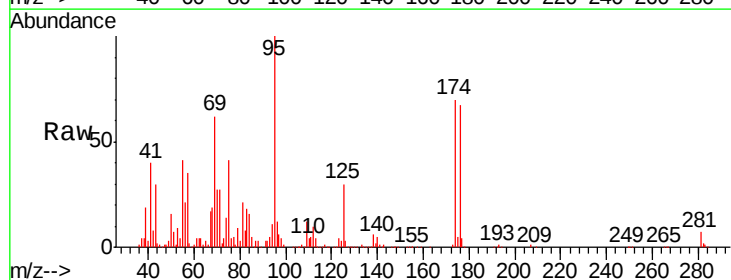
Acq: 18 Oct 2018 04:05

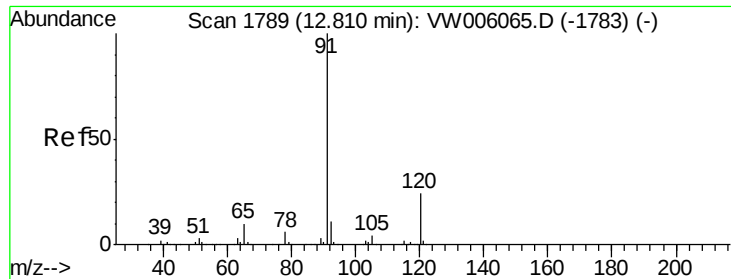
Tgt Ion: 75 Resp: 43683

Ion Ratio Lower Upper

75 100

77 10.3 0.0 0.0#

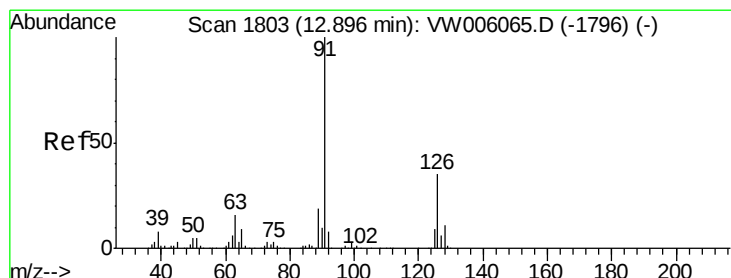
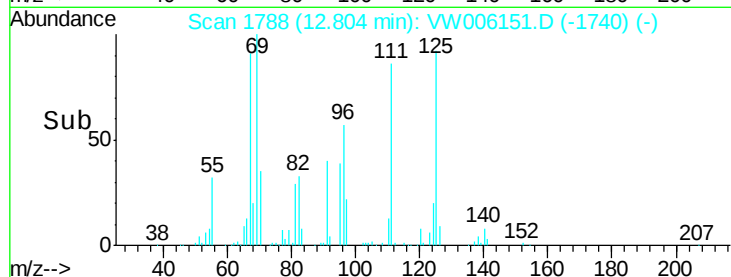
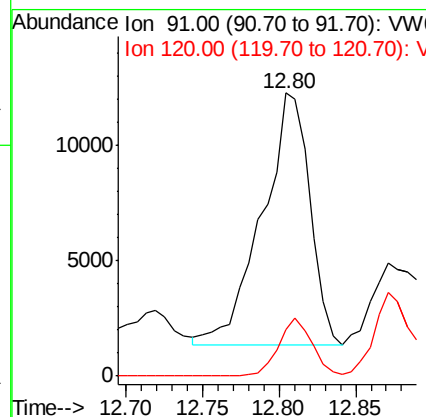
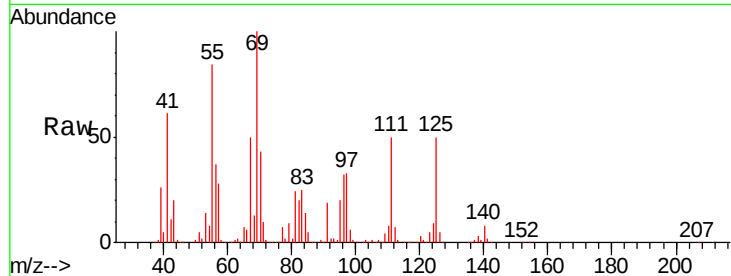




#78
n-propylbenzene
Concen: 2.75 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

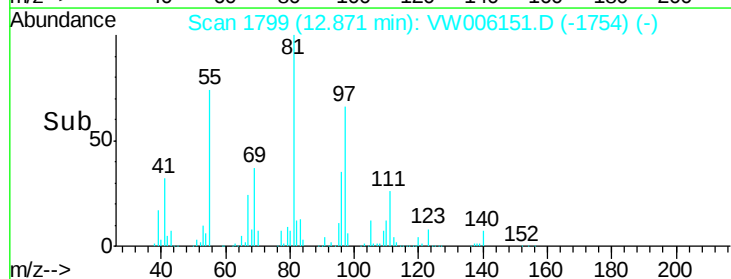
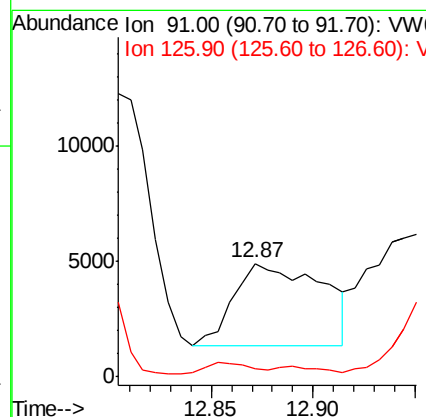
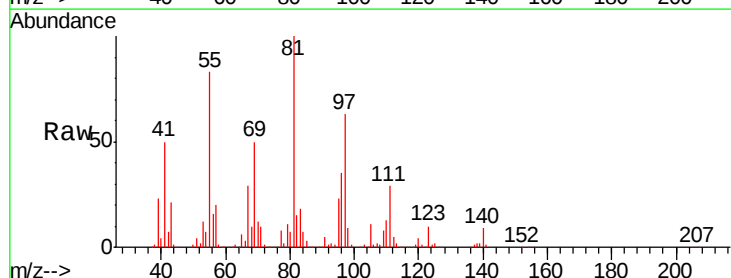
Instrument :
MSVOA_W
ClientSampled :
351-SOILRE

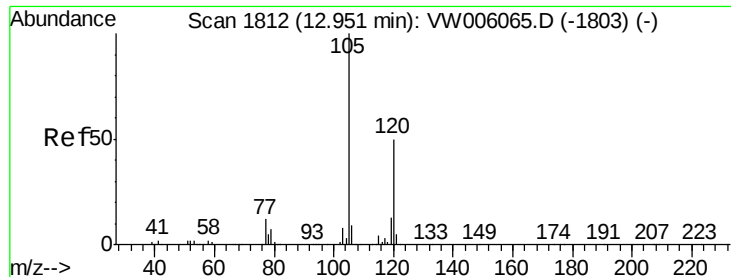
Tgt Ion: 91 Resp: 23535
Ion Ratio Lower Upper
91 100
120 16.4 12.2 36.6



#79
2-Chlorotoluene
Concen: 2.21 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 91 Resp: 10637
Ion Ratio Lower Upper
91 100
126 7.0 17.9 53.8#

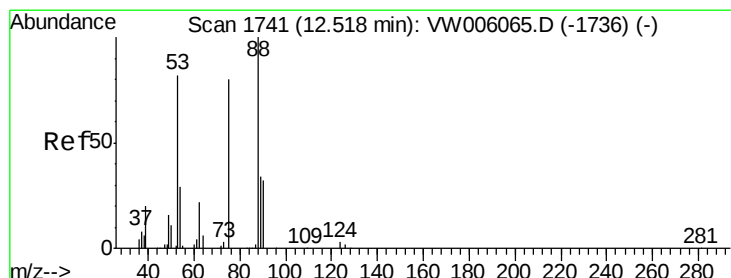
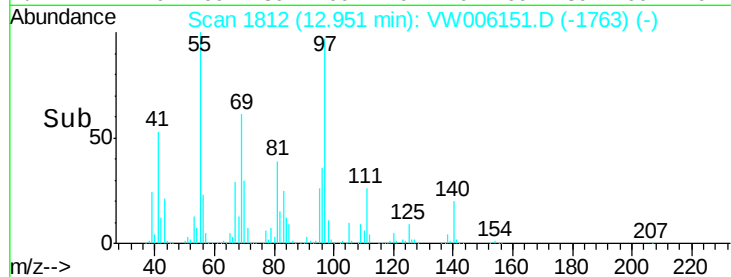
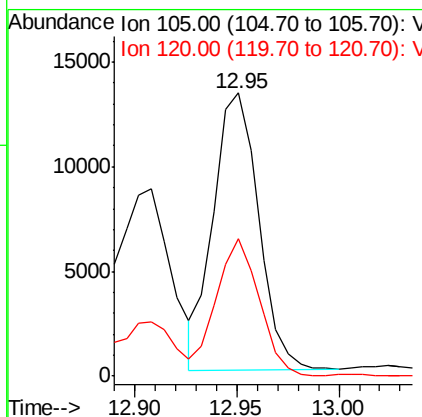
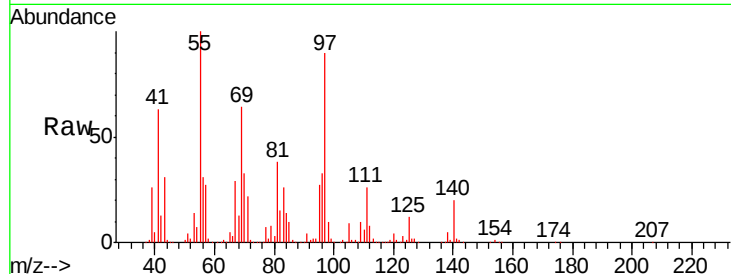




#80
 1,3,5-Trimethylbenzene
 Concen: 3.27 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

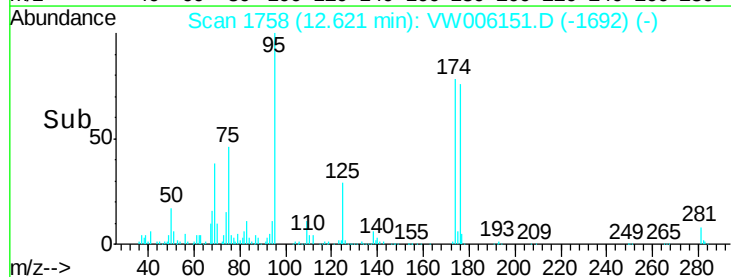
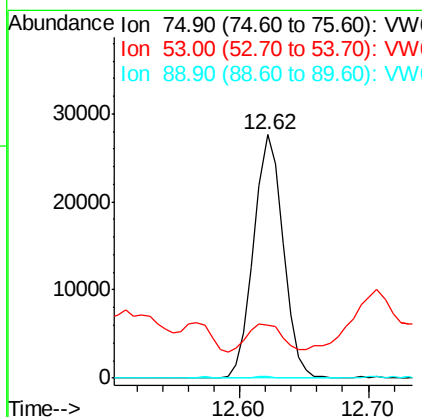
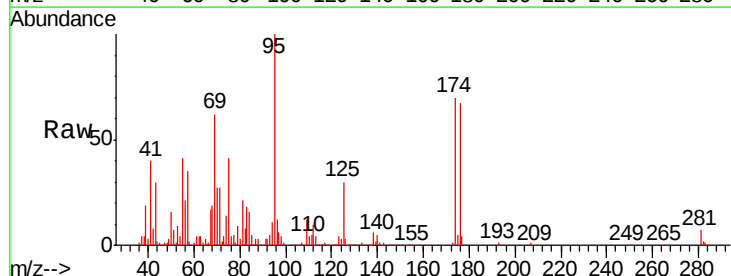
Instrument :
 MSVOA_W
 ClientSampled :
 351-SOILRE

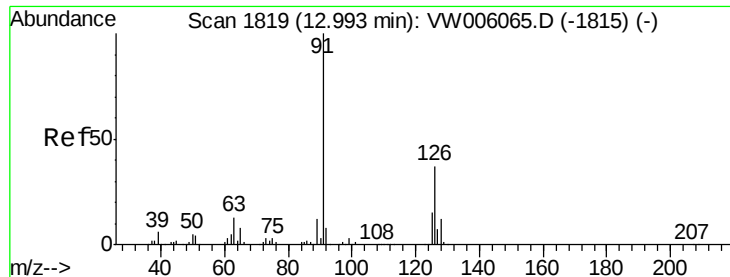
Tgt Ion: 105 Resp: 20338
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.09 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

Tgt Ion: 75 Resp: 43683
 Ion Ratio Lower Upper
 75 100
 53 13.4 79.8 119.6#
 89 0.6 37.5 56.3#





#82

4-Chlorotoluene

Concen: 2.03 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

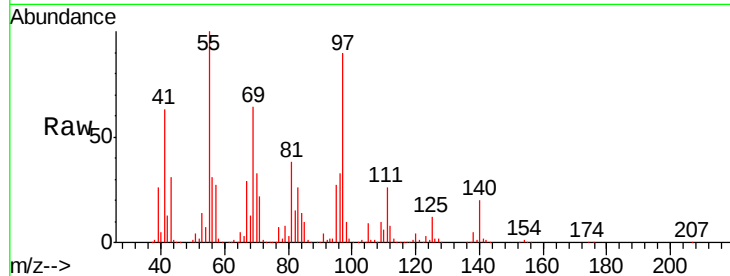
351-SOILRE

Tgt Ion: 91 Resp: 10237

Ion Ratio Lower Upper

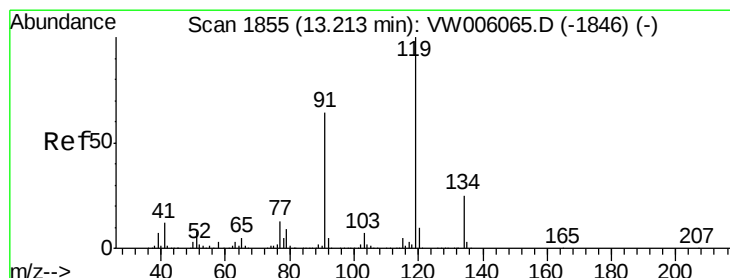
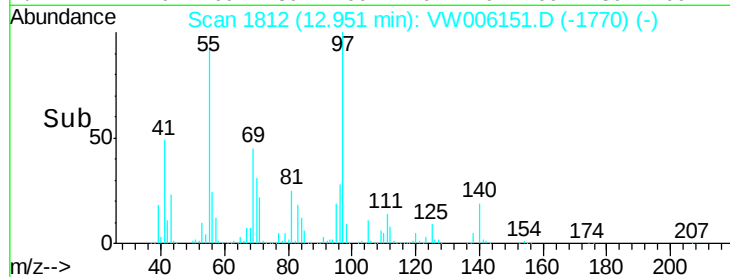
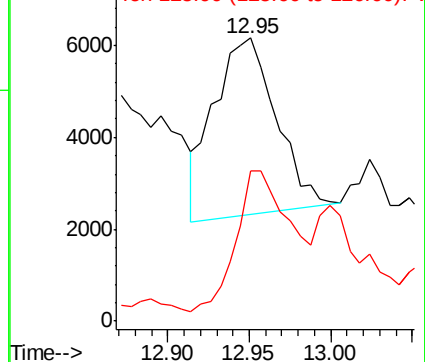
91 100

126 71.6 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 23.59 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

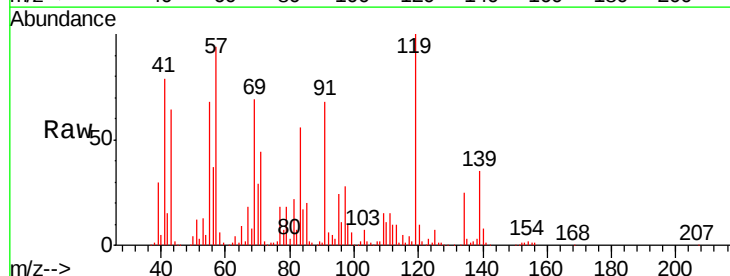
Tgt Ion: 119 Resp: 131092

Ion Ratio Lower Upper

119 100

91 67.4 32.3 96.9

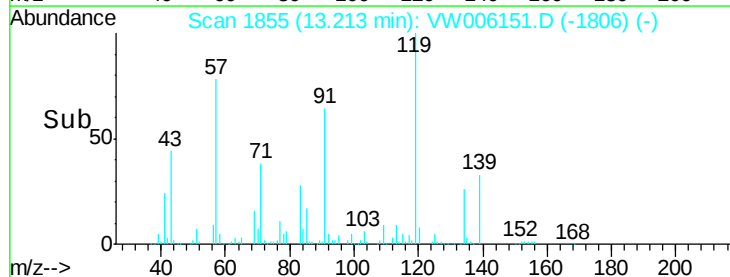
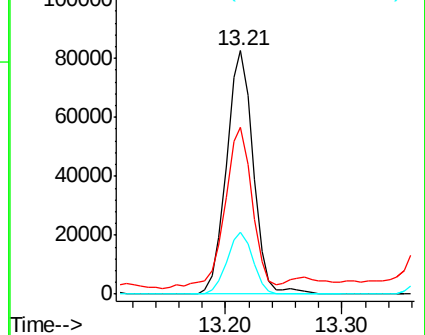
134 24.8 13.6 40.8

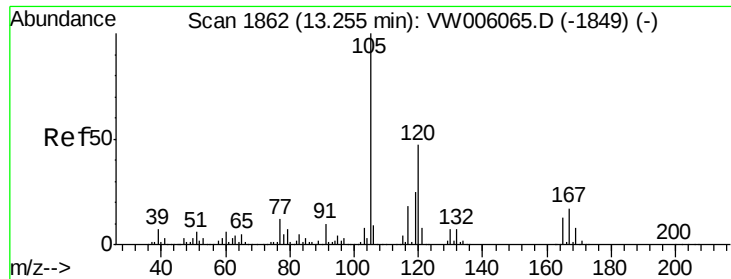


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

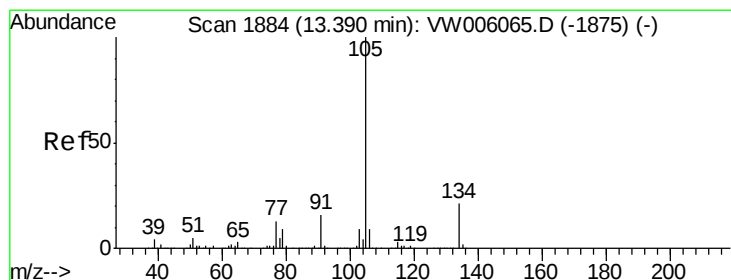
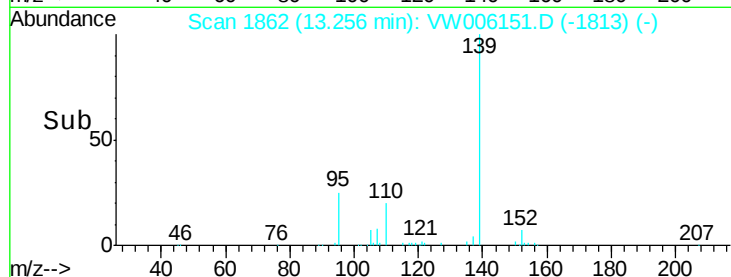
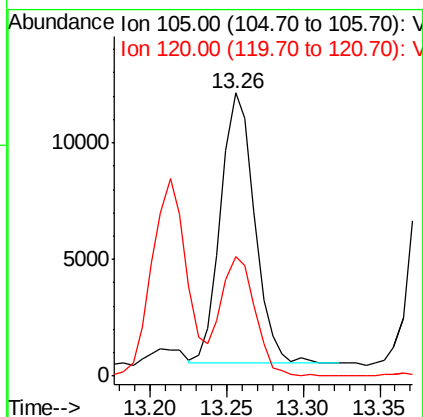
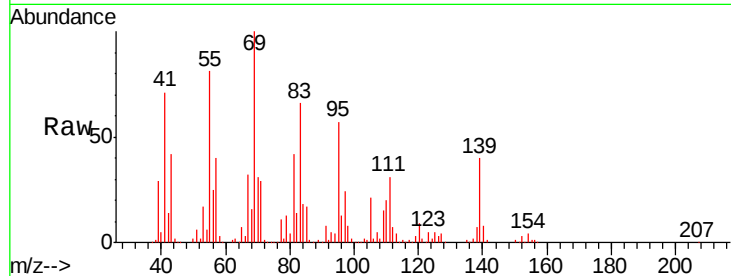




#84
 1,2,4-Trimethylbenzene
 Concen: 2.85 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

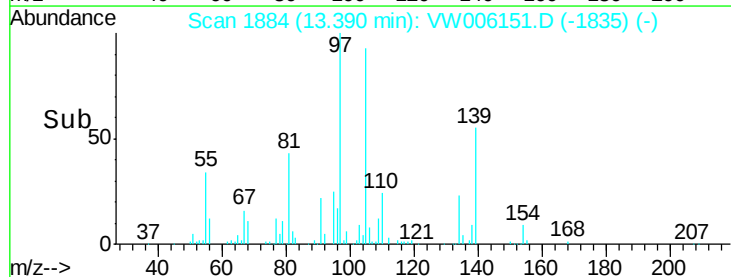
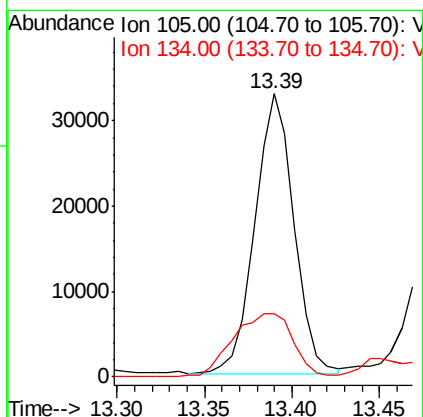
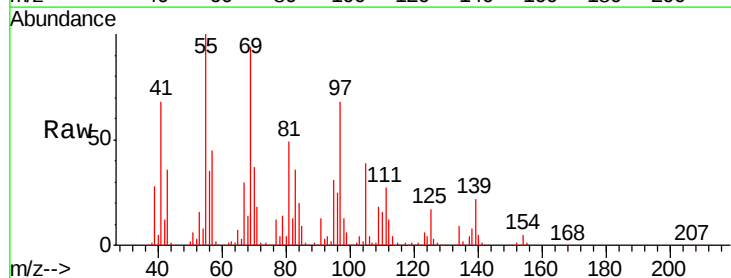
Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOILRE

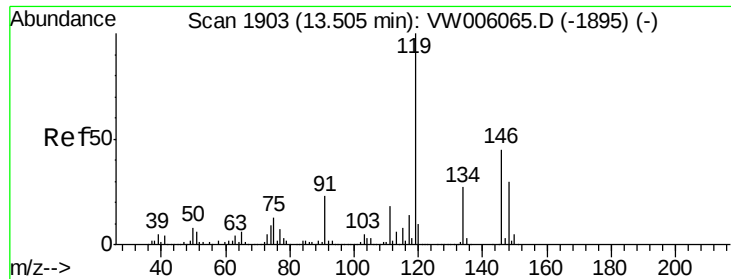
Tgt Ion:105 Resp: 17904
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 6.49 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

Tgt Ion:105 Resp: 50921
 Ion Ratio Lower Upper
 105 100
 134 35.0 10.5 31.6#

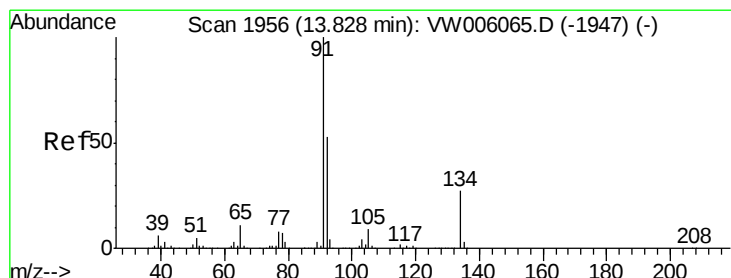
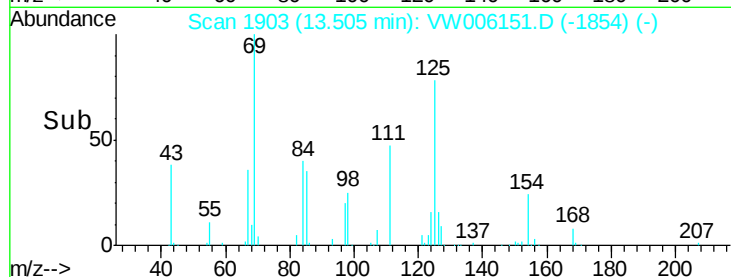
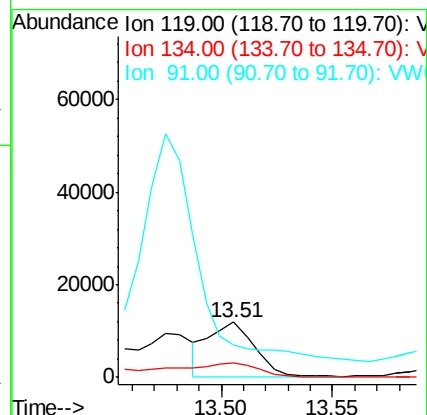
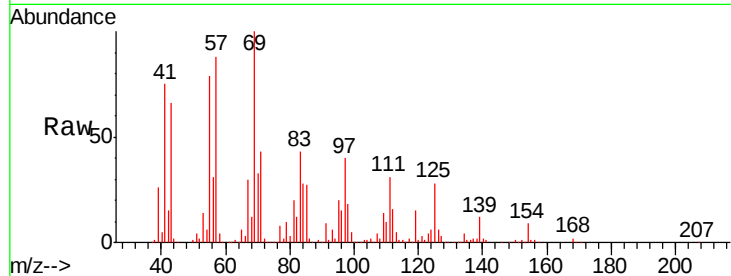




#86
p-Isopropyltoluene
Concen: 2.33 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

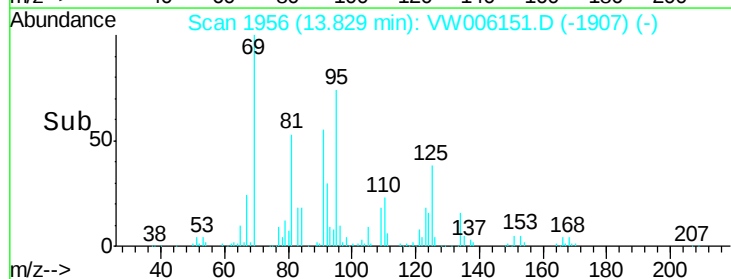
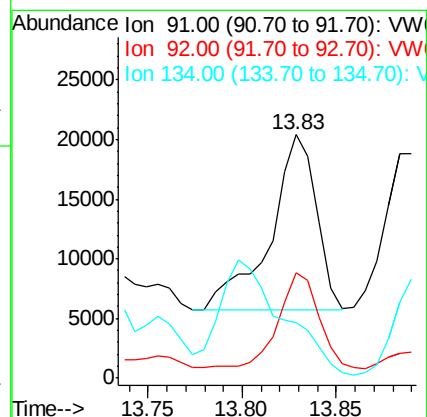
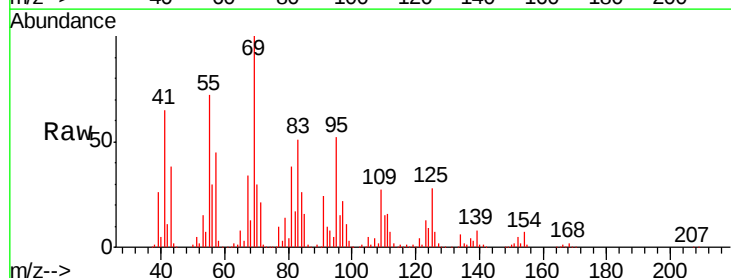
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

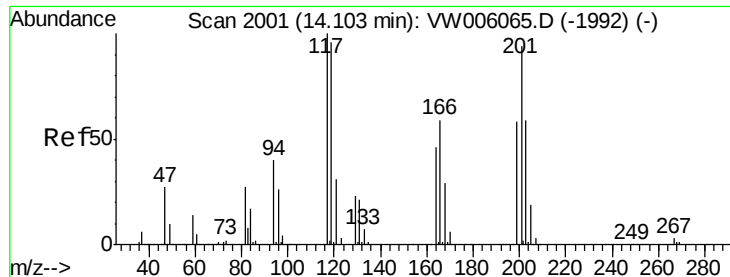
Tgt Ion: 119 Resp: 16522
Ion Ratio Lower Upper
119 100
134 42.2 13.4 40.2#
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 3.87 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion: 91 Resp: 25101
Ion Ratio Lower Upper
91 100
92 48.5 26.6 79.7
134 0.0 14.0 41.9#





#90

Hexachloroethane

Concen: 8.50 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

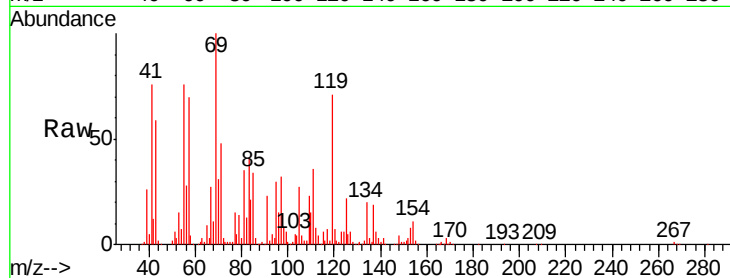
351-SOILRE

Tgt Ion: 117 Resp: 10226

Ion Ratio Lower Upper

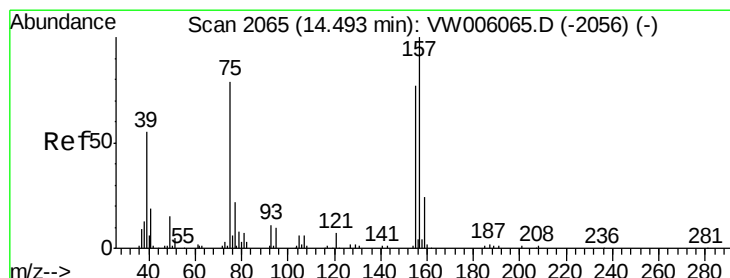
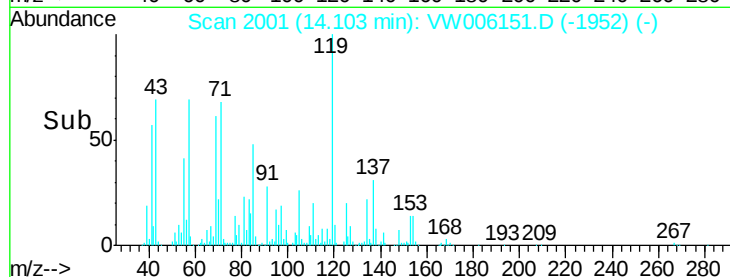
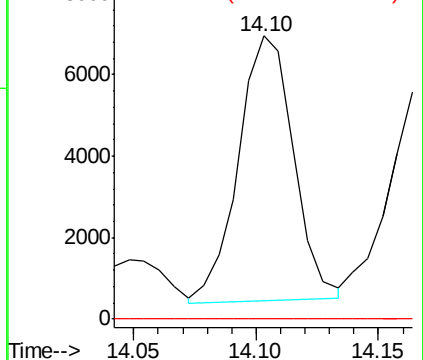
117 100

201 0.0 45.3 135.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.22 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

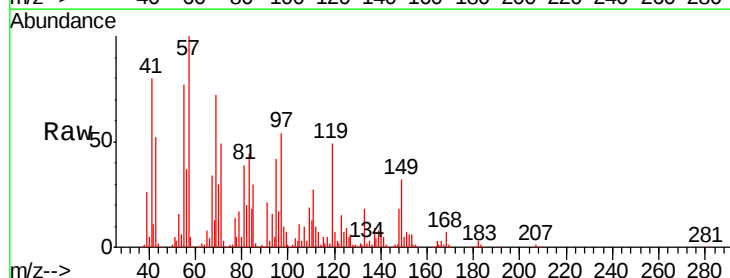
Tgt Ion: 75 Resp: 446

Ion Ratio Lower Upper

75 100

155 105.4 46.5 139.5

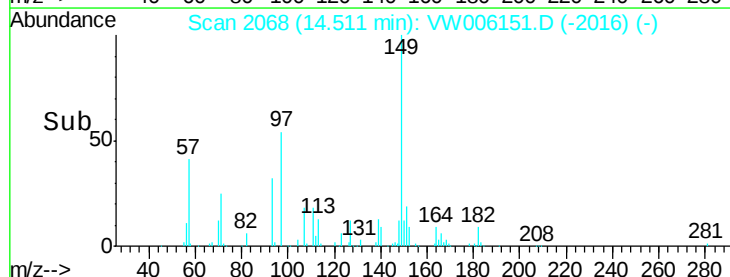
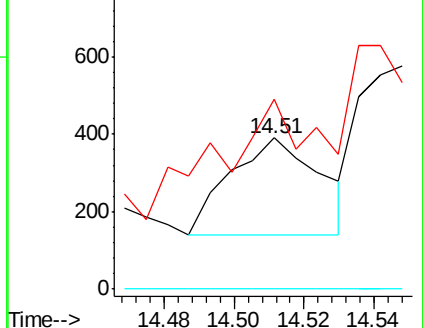
157 0.0 59.8 179.4#

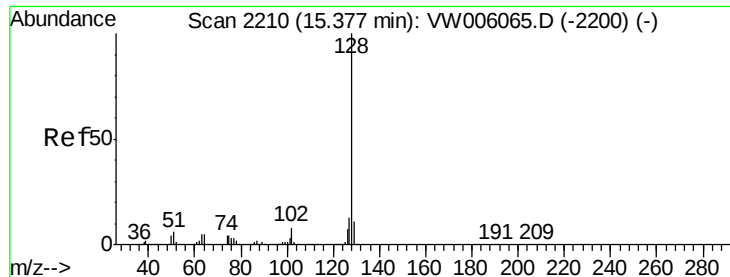


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

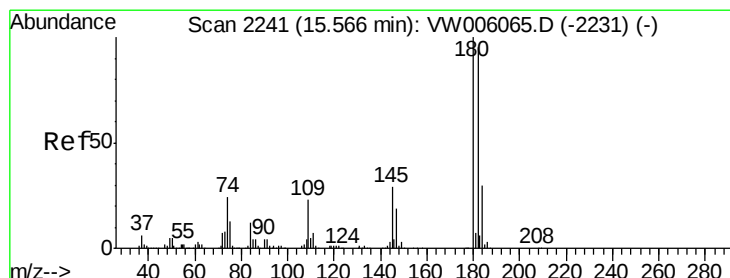
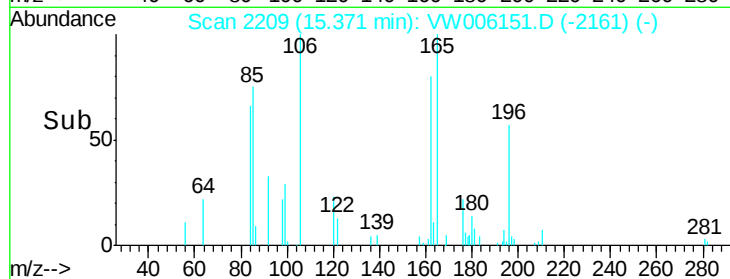
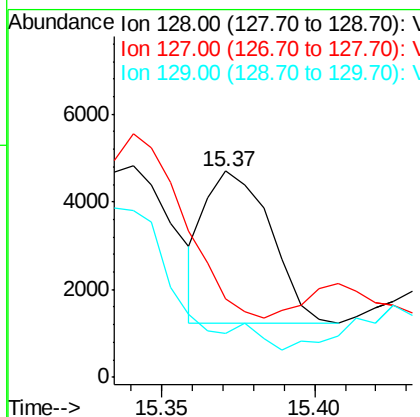
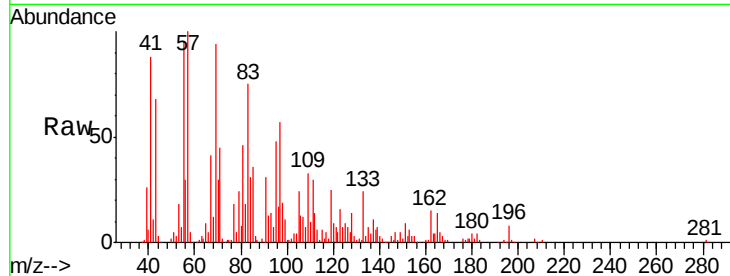




#95
Naphthalene
Concen: 1.26 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

Tgt Ion:128 Resp: 5153
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: 1.00 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

Tgt Ion:180 Resp: 2136
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.0 45.1#

