

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 18:14:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107456	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
35) Dibromofluoromethane	7.88	113	101700	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
50) Toluene-d8	10.33	98	223615	30.70	ug/l	0.00
Spiked Amount			Recovery	=	61.40%	
62) 4-Bromofluorobenzene	12.62	95	110923	40.54	ug/l	0.00
Spiked Amount			Recovery	=	81.08%	

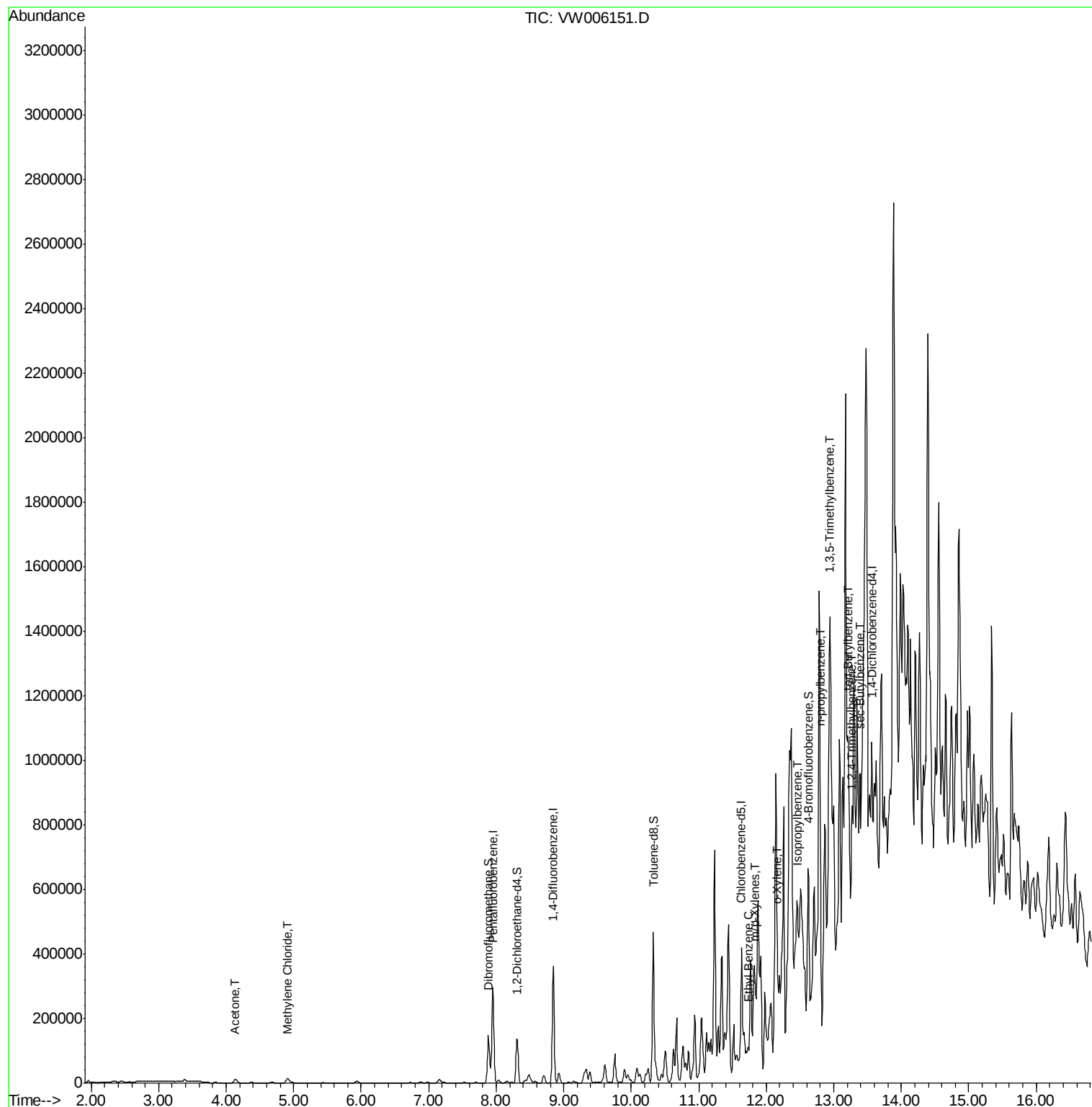
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	23988	52.616	ug/l	93
20) Methylene Chloride	4.91	84	11141	3.791	ug/l	96
67) Ethyl Benzene	11.74	91	10772	1.388	ug/l	90
68) m/p-Xylenes	11.84	106	7171	2.338	ug/l #	71
69) o-Xylene	12.17	106	6703	2.293	ug/l	69
73) Isopropylbenzene	12.47	105	14721	1.998	ug/l	97
78) n-propylbenzene	12.80	91	23535	2.746	ug/l	84
80) 1,3,5-Trimethylbenzene	12.95	105	20338	3.275	ug/l	97
83) tert-Butylbenzene	13.21	119	131092	23.591	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	17904	2.849	ug/l	96
85) sec-Butylbenzene	13.39	105	50921	6.486	ug/l #	70

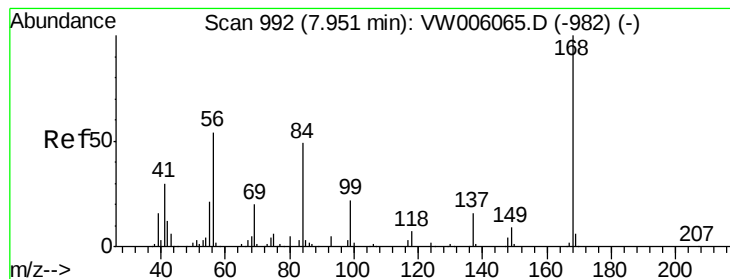
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 18 18:14:58 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 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 :

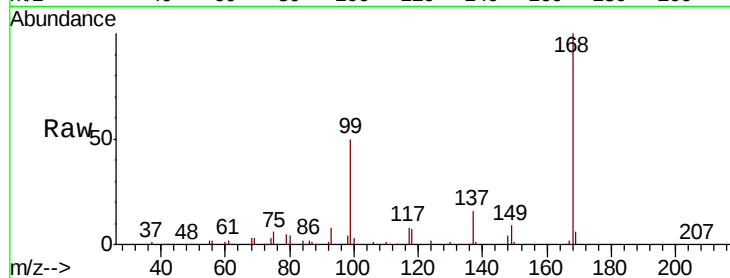
351-SOILRE

Tot 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

7.95

120000

100000

80000

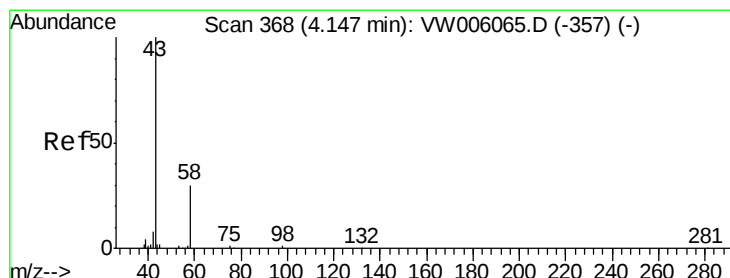
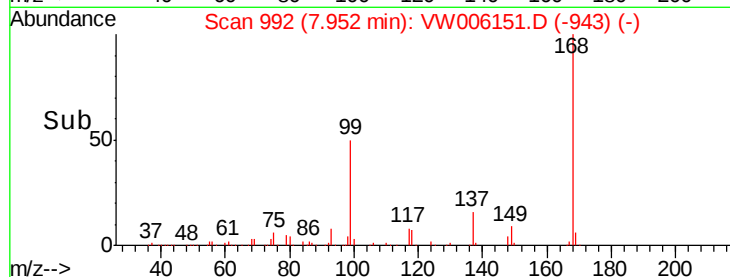
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 52.616 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006151.D

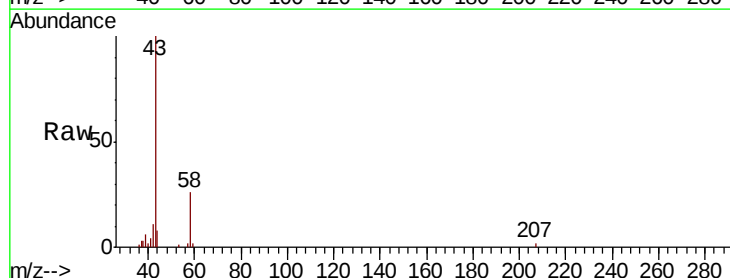
Acq: 18 Oct 2018 04:05

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

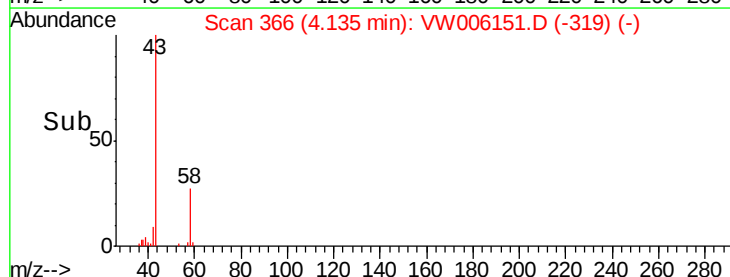
6000

4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.791 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampled :

351-SOILRE

Tot Ion: 84 Resp: 11141

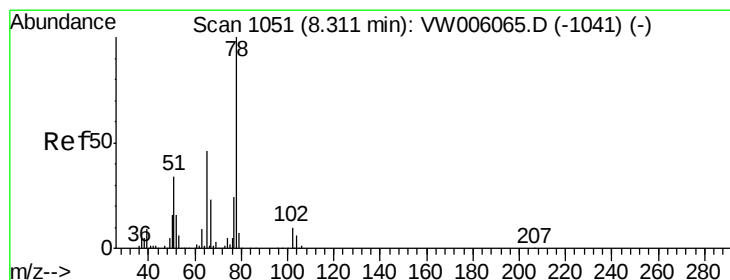
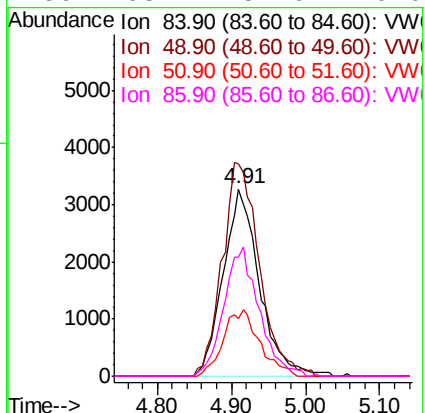
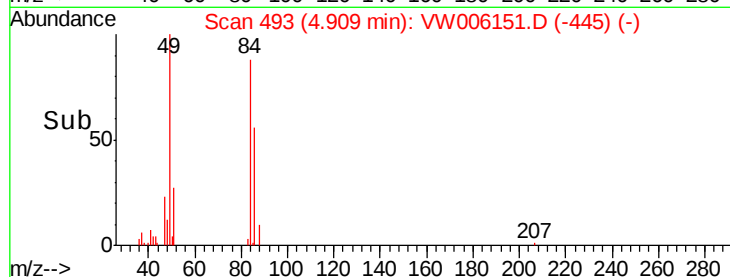
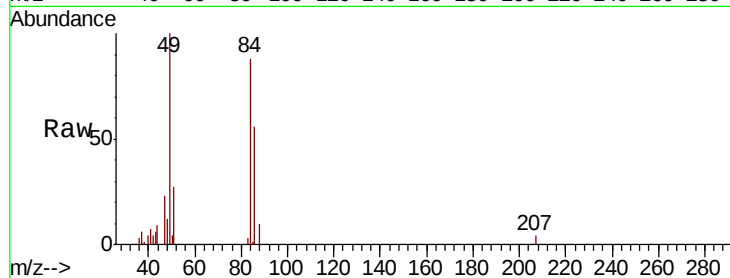
Ion Ratio Lower Upper

84 100

49 113.3 93.6 140.4

51 31.0 29.0 43.4

86 63.7 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 54.041 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006151.D

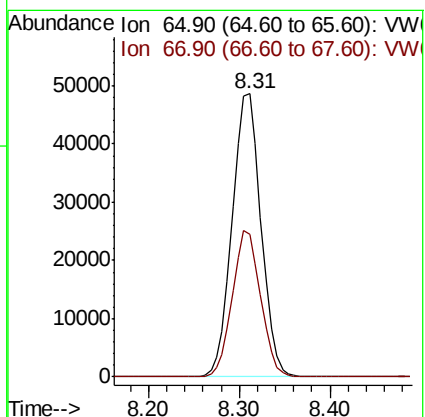
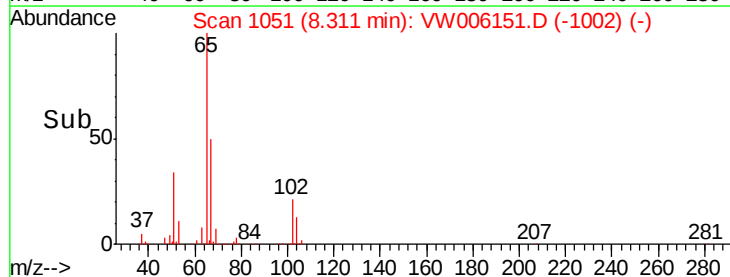
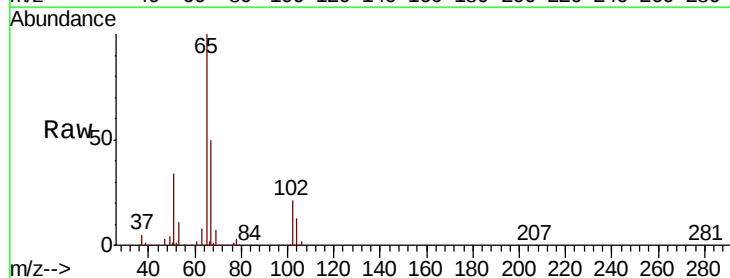
Acq: 18 Oct 2018 04:05

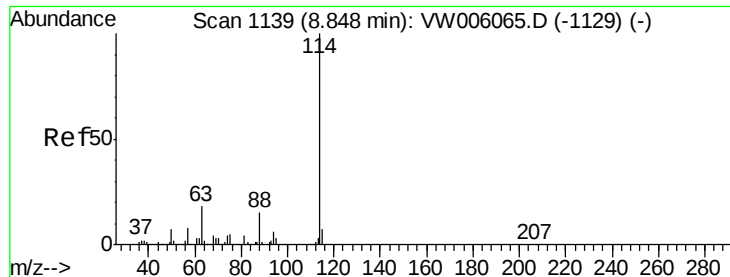
Tgt Ion: 65 Resp: 107456

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 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

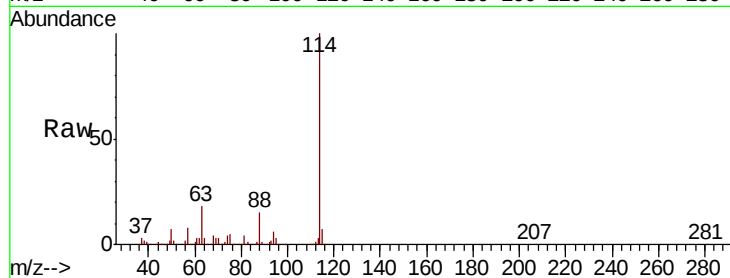
Tot Ion:114 Resp: 324028

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

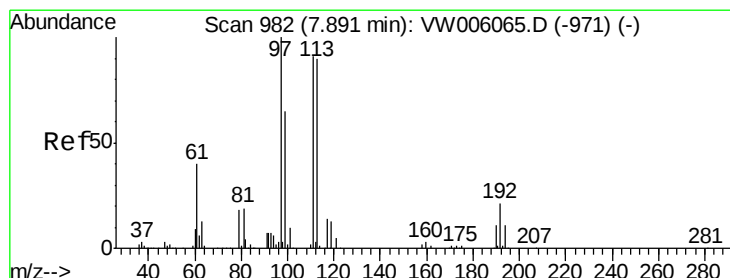
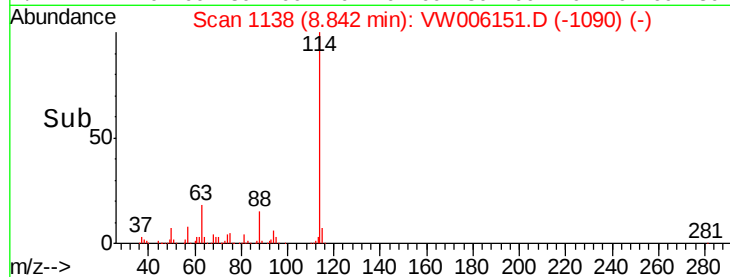
0

8.80

8.84

8.90

Time-->



#35

Dibromofluoromethane

Concen: 53.116 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

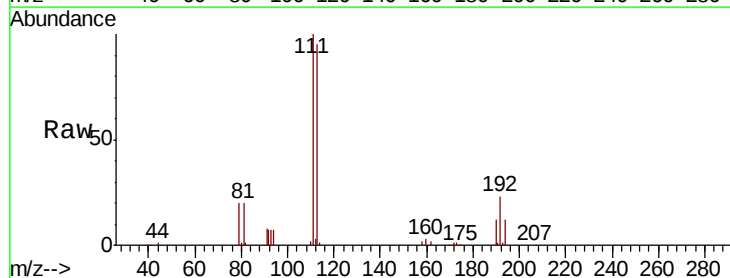
Tgt Ion:113 Resp: 101700

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

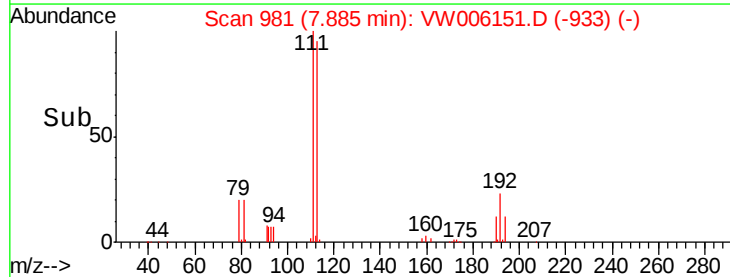
7.80

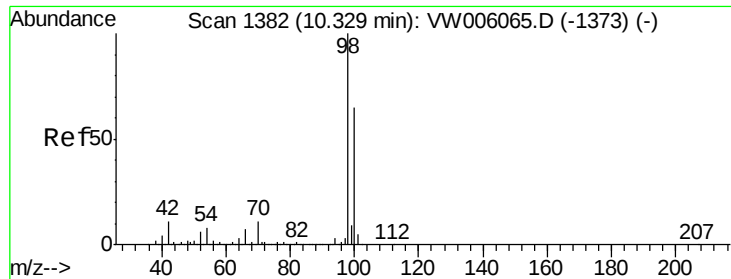
7.88

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 30.698 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 :

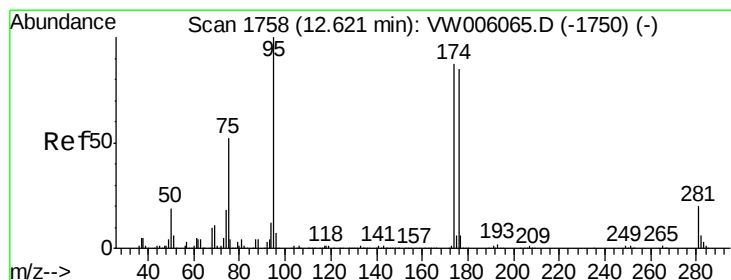
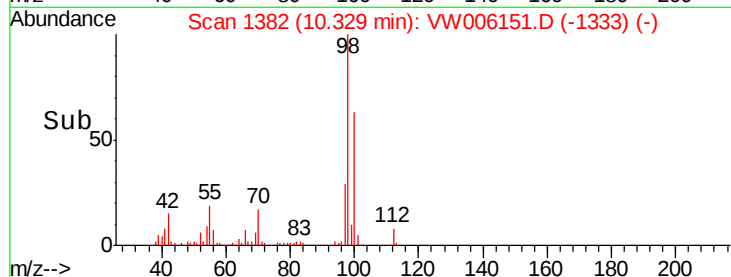
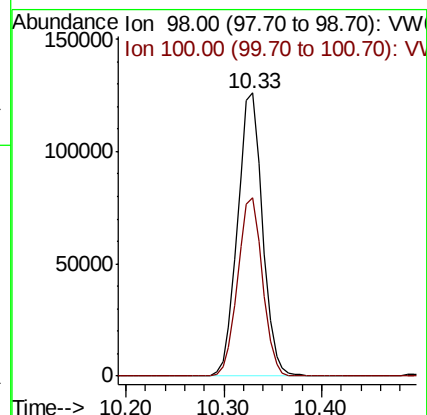
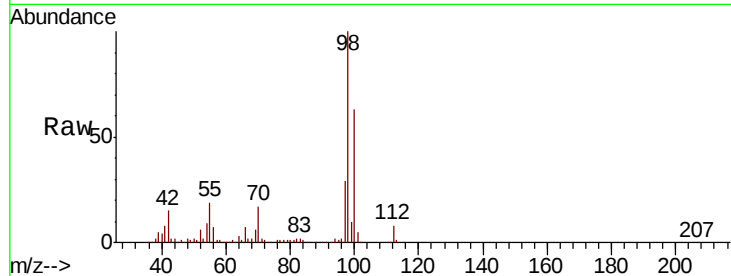
351-SOILRE

Tot Ion: 98 Resp: 223615

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 40.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

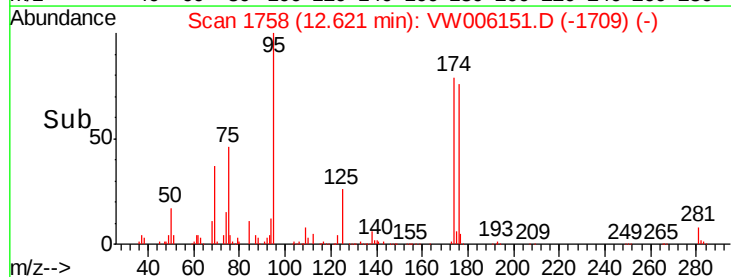
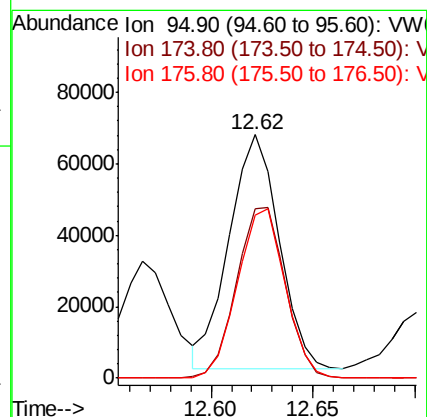
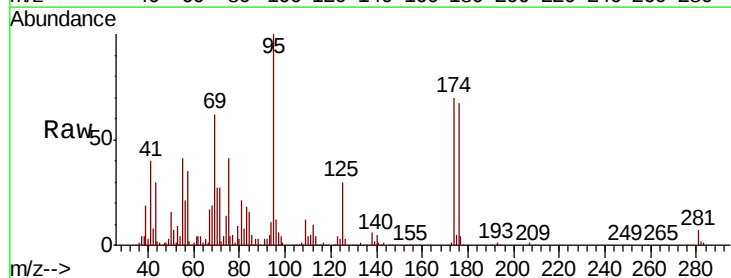
Tgt Ion: 95 Resp: 110923

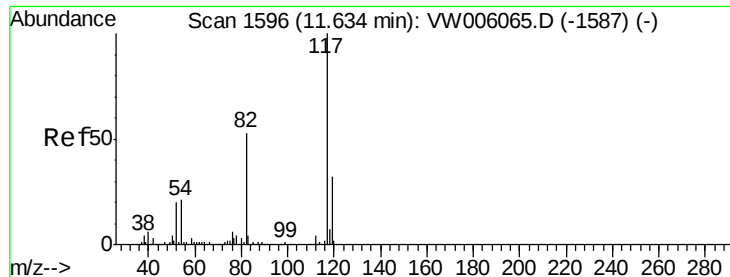
Ion Ratio Lower Upper

95 100

174 71.3 0.0 186.0

176 69.6 0.0 181.6

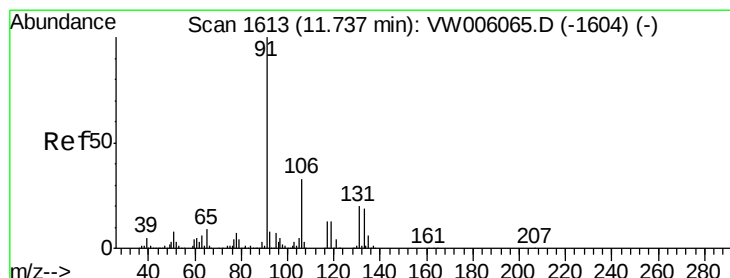
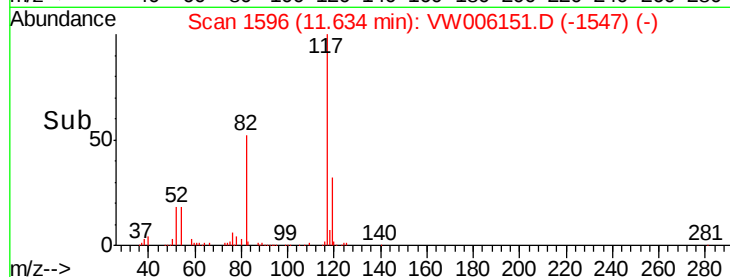
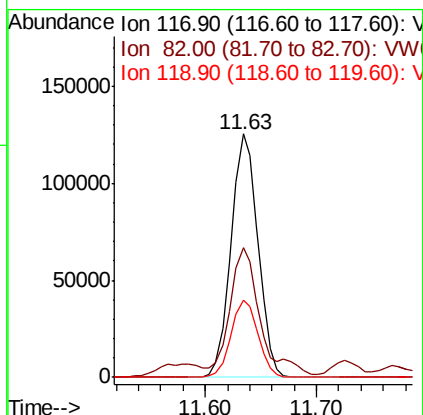
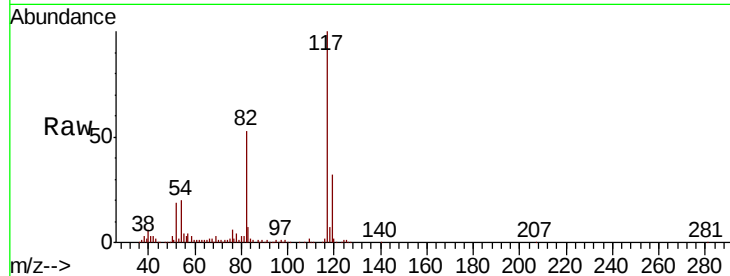




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

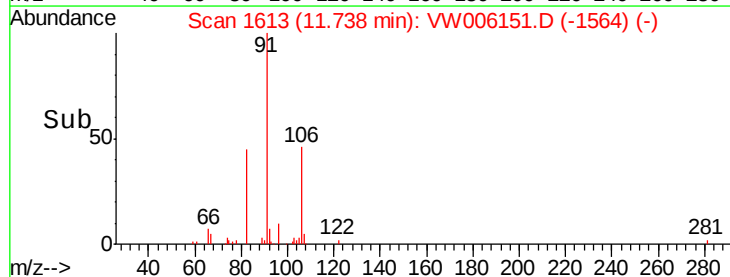
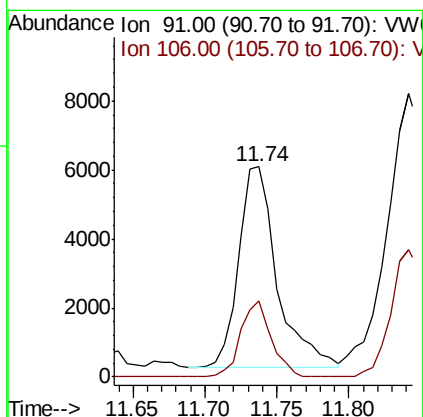
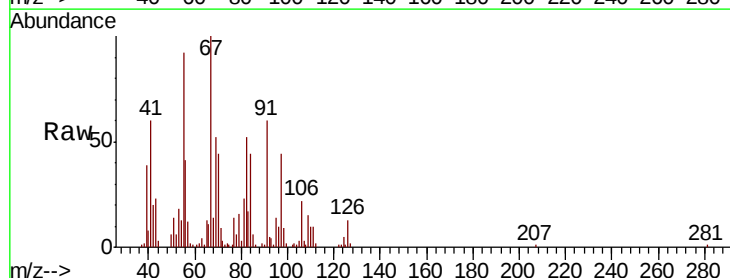
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

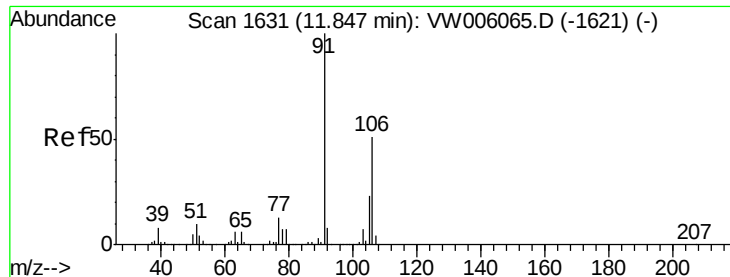
Tot Ion:117 Resp: 209199
Ion Ratio Lower Upper
117 100
82 48.0 42.1 63.1
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 1.388 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

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

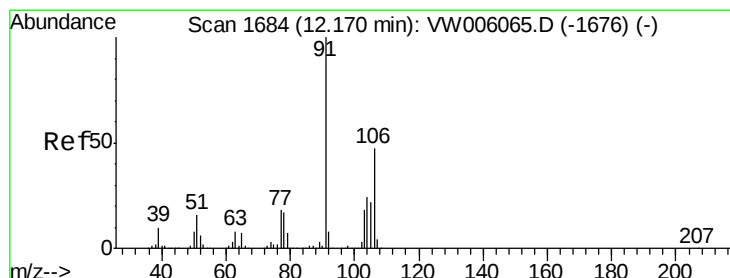
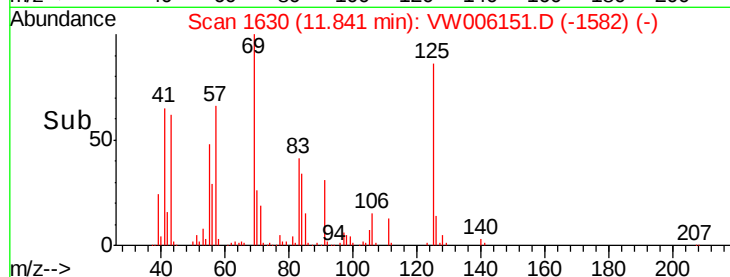
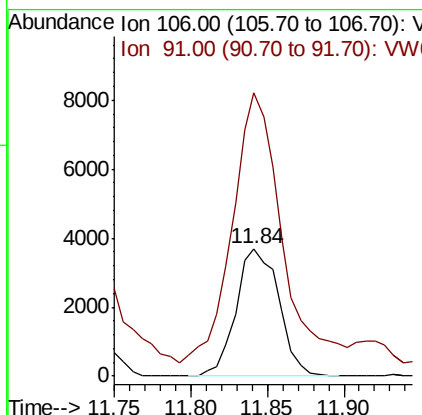
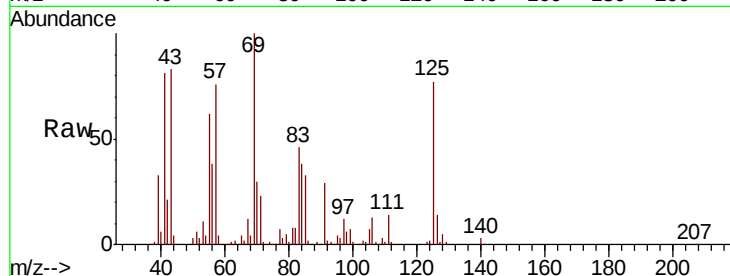




#68
m/p-Xylenes
Concen: 2.338 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

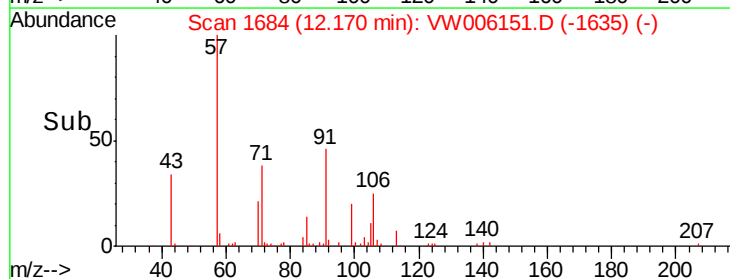
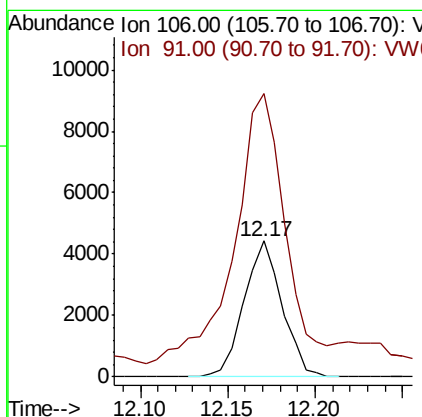
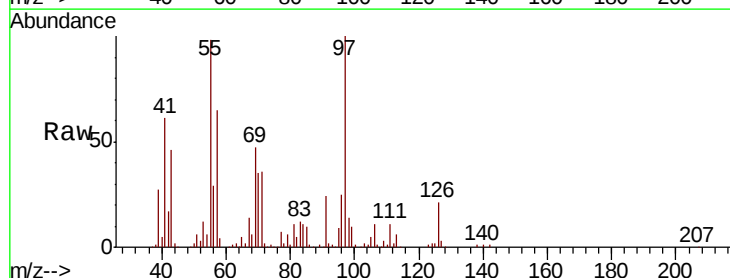
Instrument :
MSVOA_W
ClientSampleId :
351-SOILRE

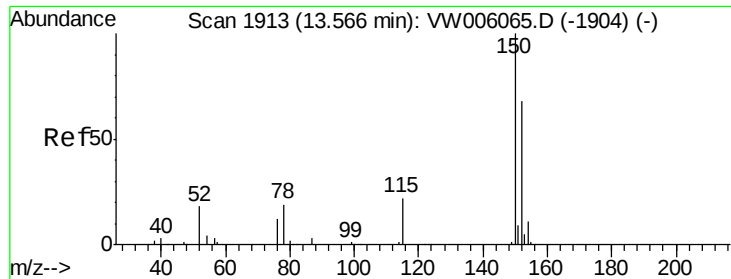
Tot Ion:106 Resp: 7171
Ion Ratio Lower Upper
106 100
91 241.9 159.1 238.7#



#69
o-Xylene
Concen: 2.293 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006151.D
Acq: 18 Oct 2018 04:05

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006151.D

Acq: 18 Oct 2018 04:05

Instrument :

MSVOA_W

ClientSampleId :

351-SOILRE

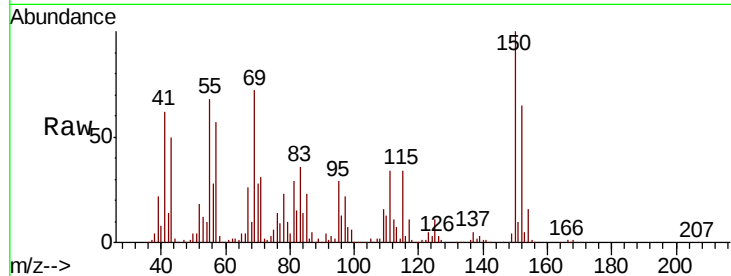
Tot Ion:152 Resp: 104286

Ion Ratio Lower Upper

152 100

115 46.0 27.8 83.3

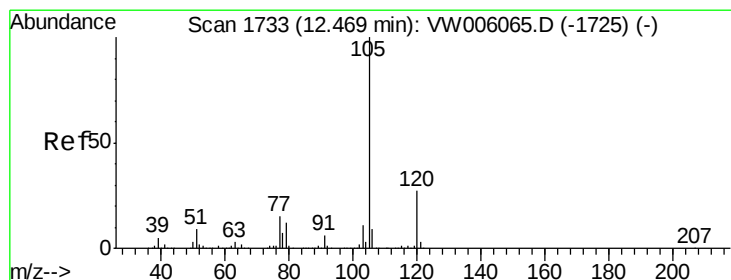
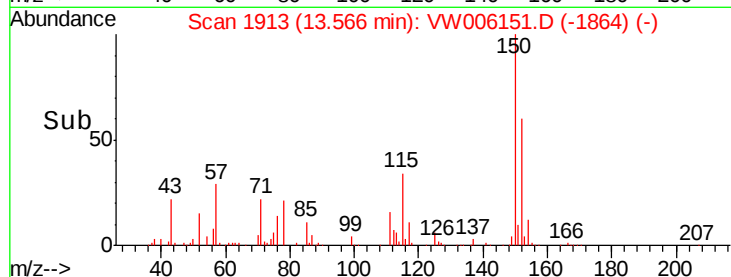
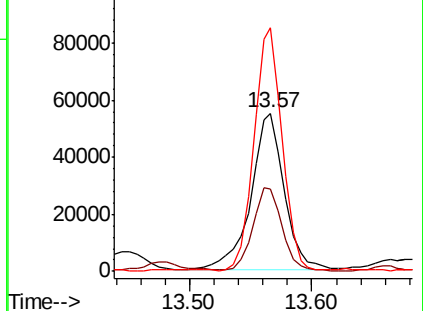
150 129.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.998 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006151.D

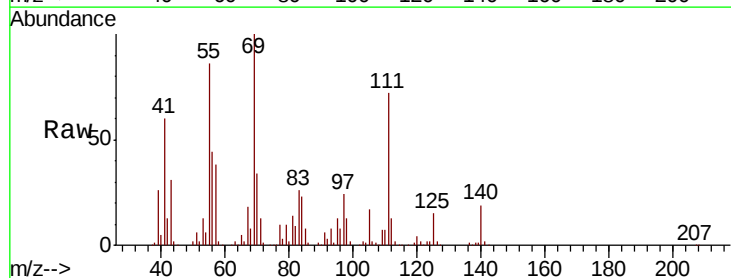
Acq: 18 Oct 2018 04:05

Tgt Ion:105 Resp: 14721

Ion Ratio Lower Upper

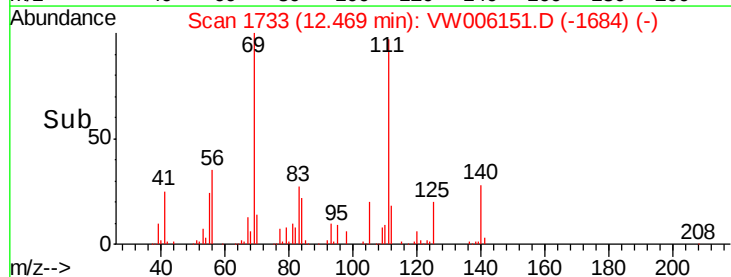
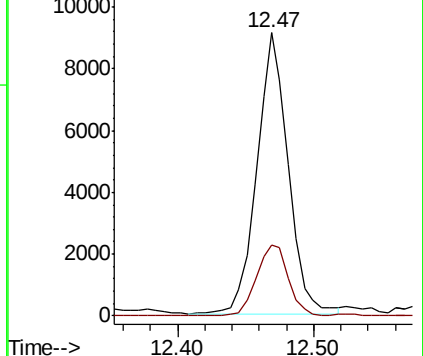
105 100

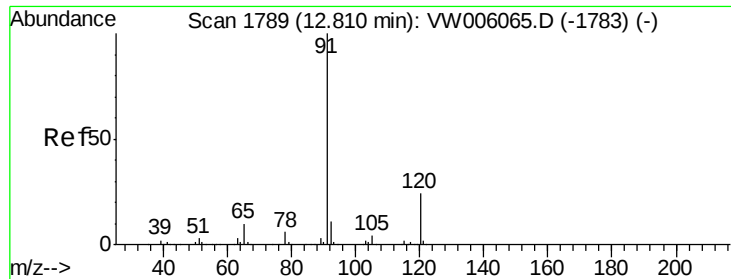
120 25.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

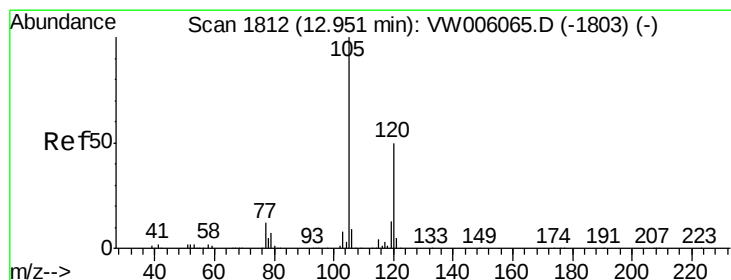
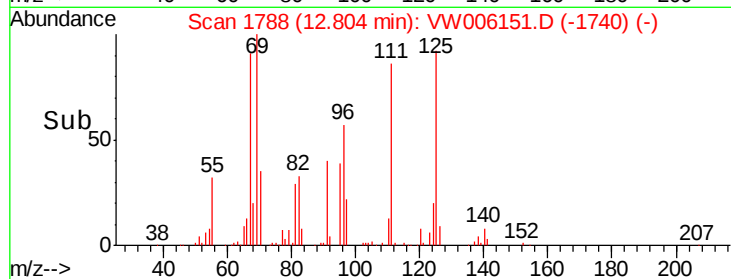
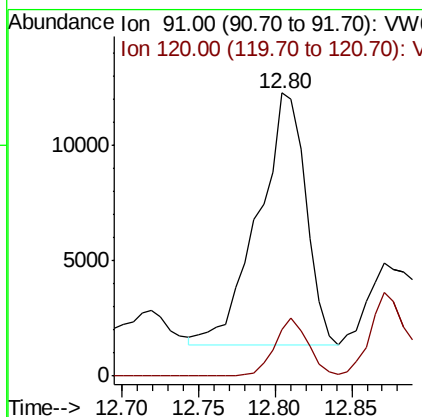
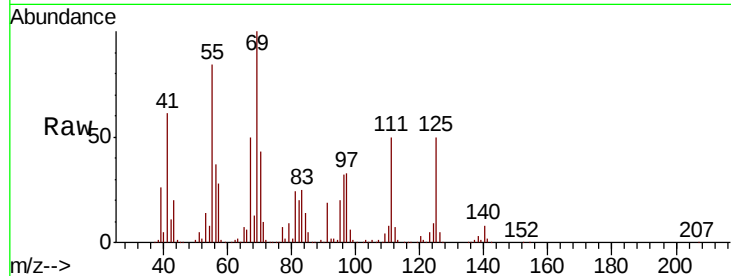




#78
 n-propylbenzene
 Concen: 2.746 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

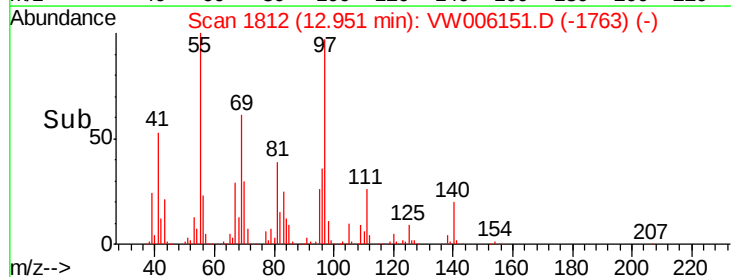
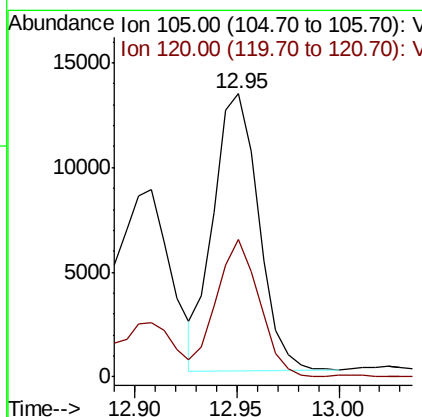
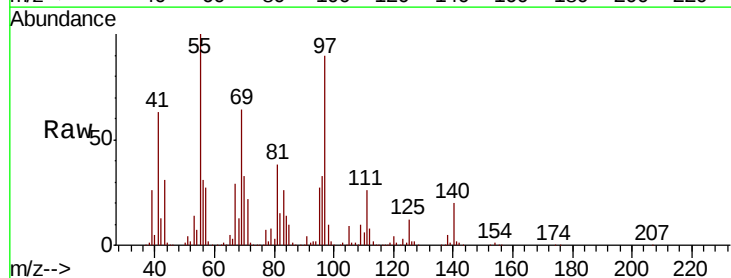
Instrument :
 MSVOA_W
 ClientSampled :
 351-SOILRE

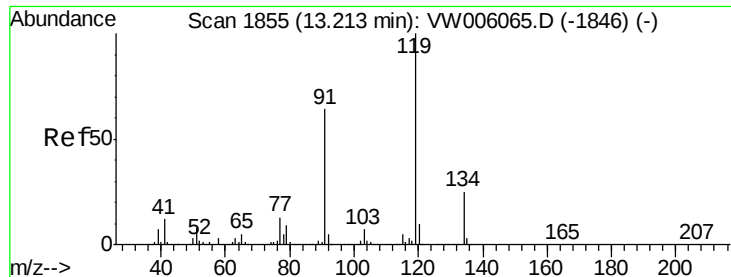
Tot Ion: 91 Resp: 23535
 Ion Ratio Lower Upper
 91 100
 120 16.4 12.2 36.6



#80
 1,3,5-Trimethylbenzene
 Concen: 3.275 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

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

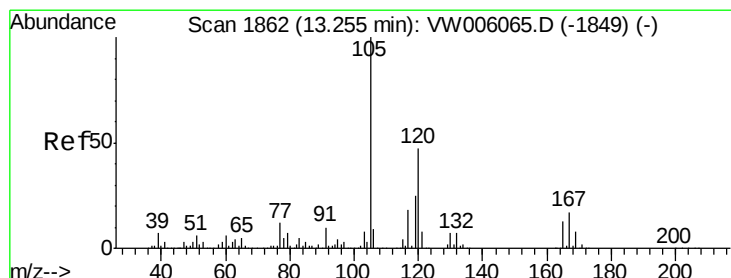
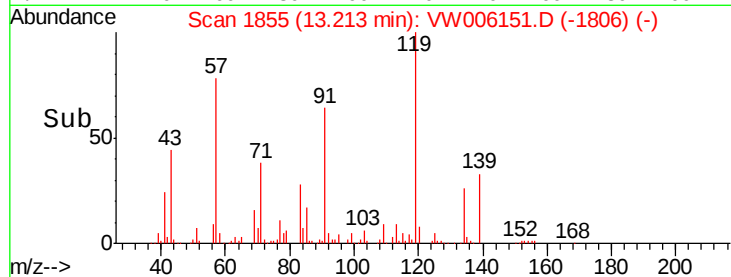
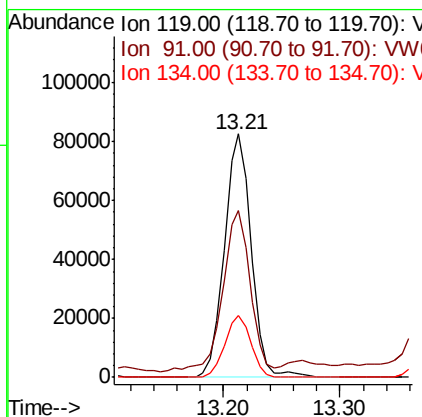
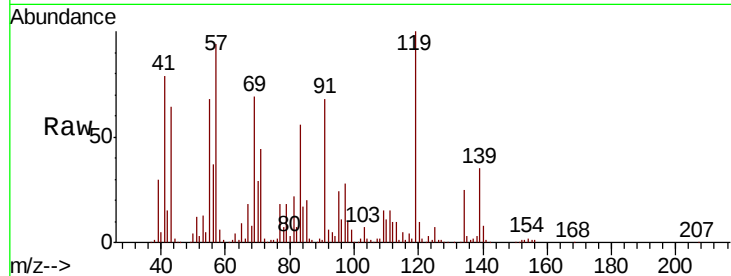




#83
 tert-Butylbenzene
 Concen: 23.591 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

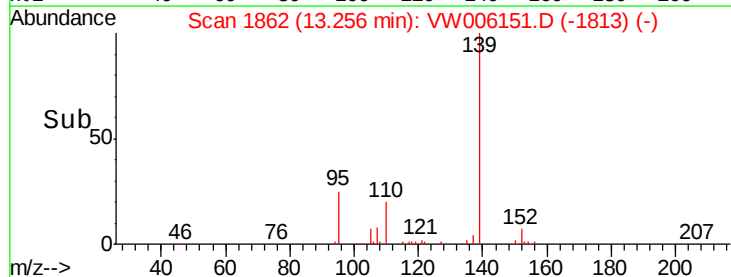
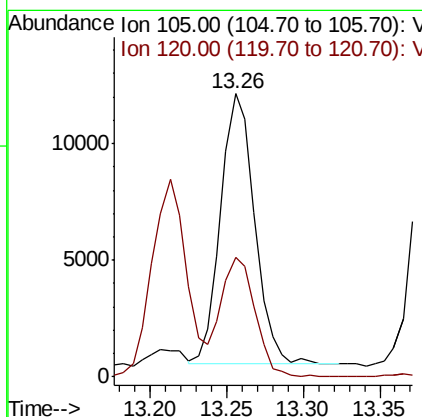
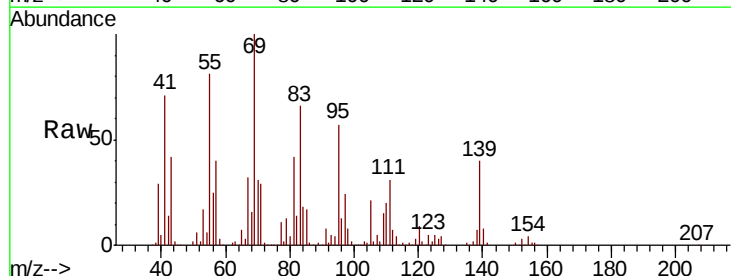
Instrument :
 MSVOA_W
 ClientSampled :
 351-SOILRE

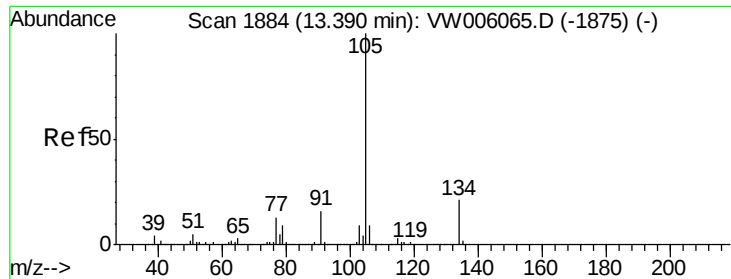
Tot Ion:119 Resp: 131092
 Ion Ratio Lower Upper
 119 100
 91 67.4 32.3 96.9
 134 24.8 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.849 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

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





#85
 sec-Butylbenzene
 Concen: 6.486 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006151.D
 Acq: 18 Oct 2018 04:05

Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOILRE

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

