

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 07:31:02 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%	

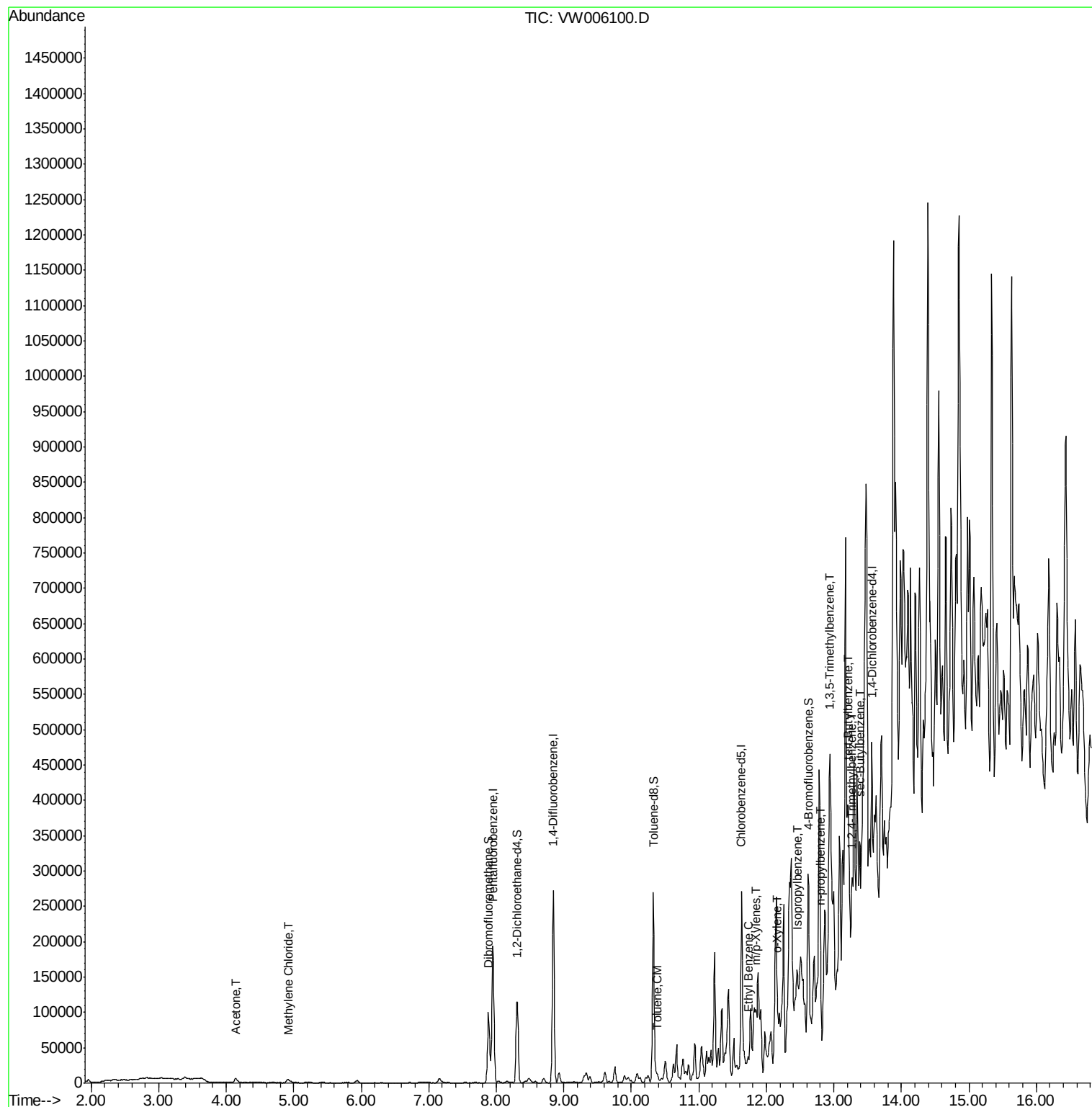
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	11481	34.335	ug/l	94
20) Methylene Chloride	4.91	84	4308	1.557	ug/l #	86
52) Toluene	10.39	92	4706	1.157	ug/l	99
67) Ethyl Benzene	11.73	91	5890	1.100	ug/l	89
68) m/p-Xylenes	11.84	106	4605	2.176	ug/l	98
69) o-Xylene	12.17	106	4125	2.046	ug/l	93
73) Isopropylbenzene	12.47	105	6645	1.588	ug/l	97
78) n-propylbenzene	12.81	91	8957	1.840	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	9818	2.783	ug/l	99
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

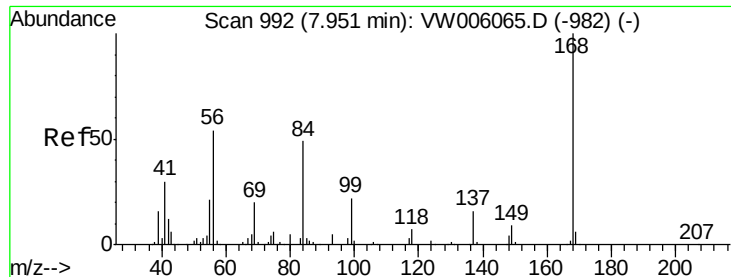
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101618\
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Misc : 7.24G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

Quant Time: Oct 17 07:31:02 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: 50.000 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 :

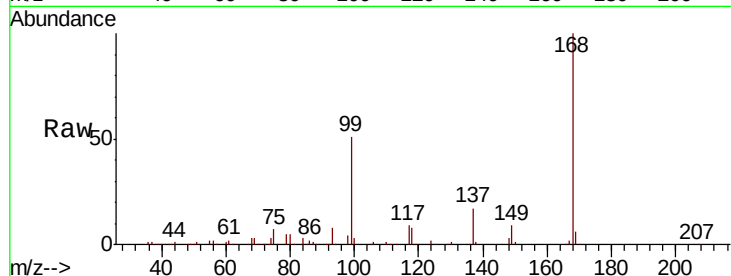
351-SOIL

Tot 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

7.95

80000

60000

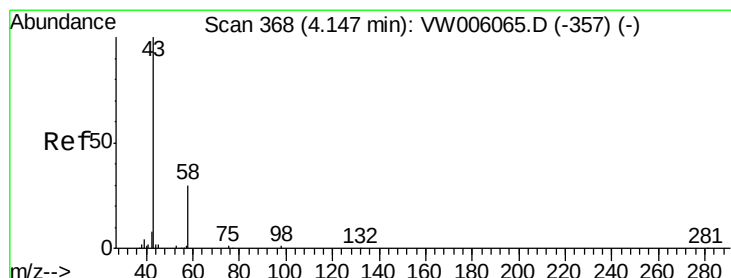
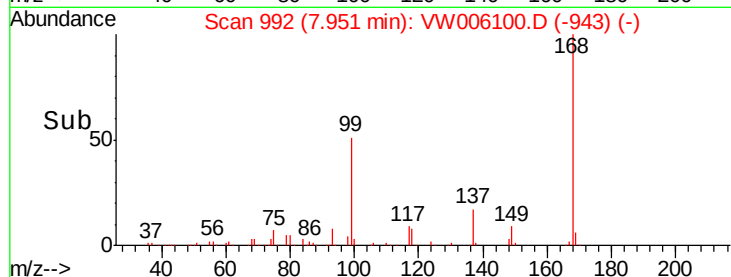
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 34.335 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006100.D

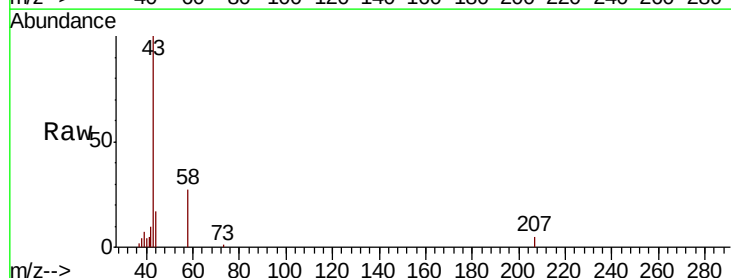
Acq: 17 Oct 2018 02:38

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

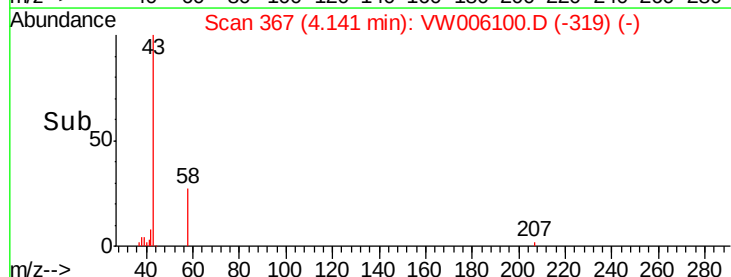
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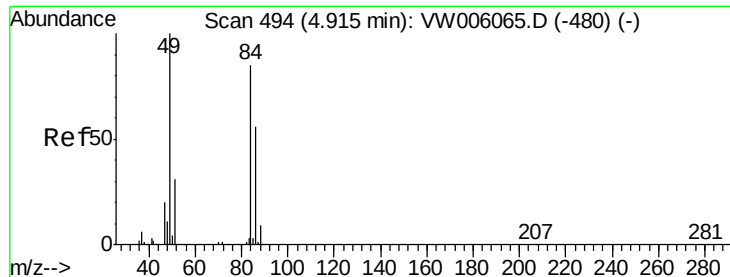
1000

0

4.00 4.10 4.20 4.30

Time-->

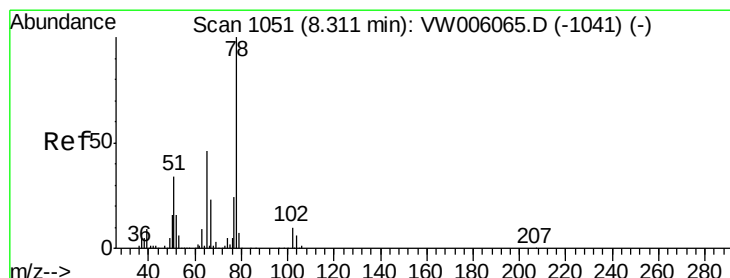
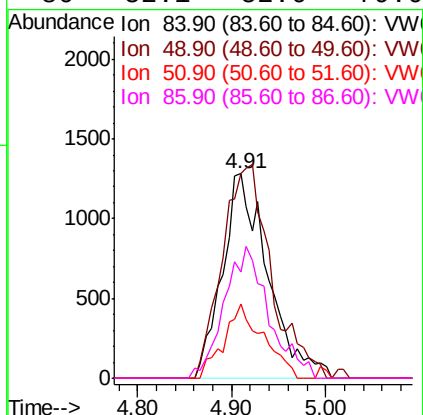
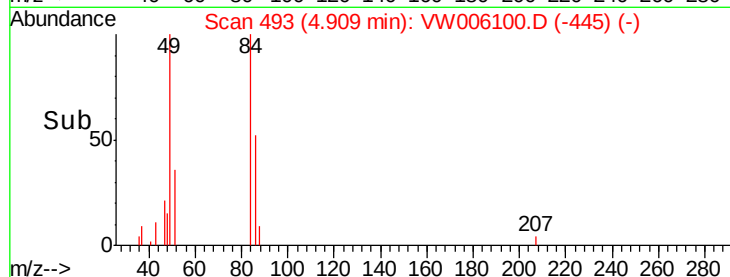
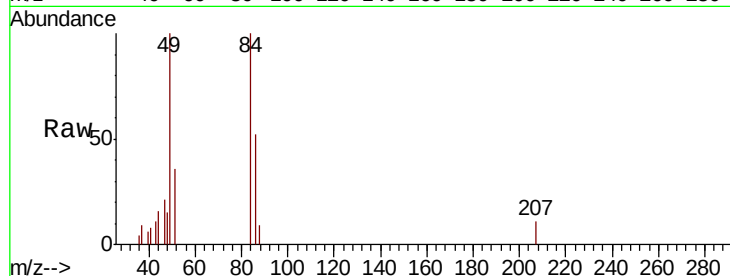




#20
Methylene Chloride
Concen: 1.557 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

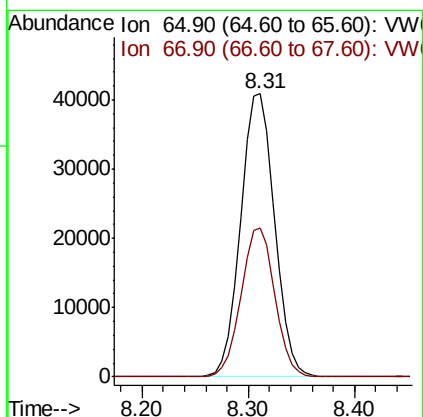
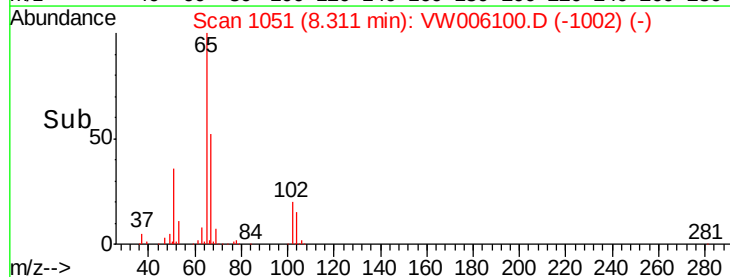
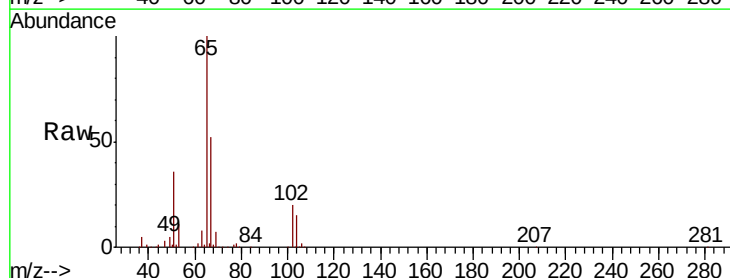
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MSVOA_W
ClientSampleId :
351-SOIL

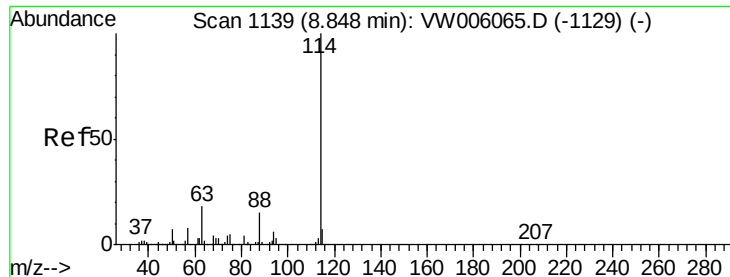
Tot Ion: 84 Resp: 4308
Ion Ratio Lower Upper
84 100
49 100.0 93.6 140.4
51 36.4 29.0 43.4
86 52.1 52.6 79.0#



#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

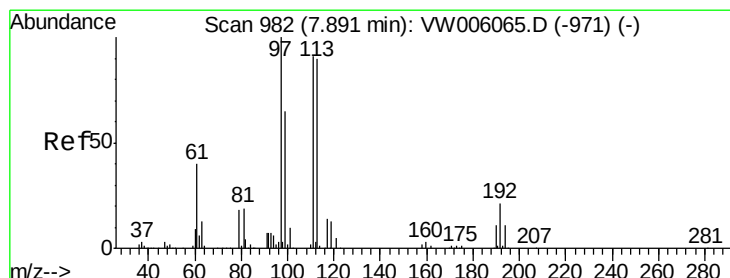
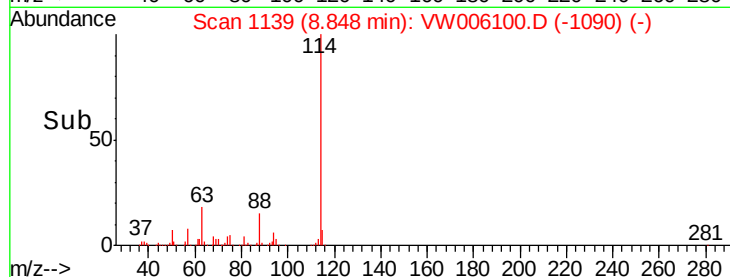
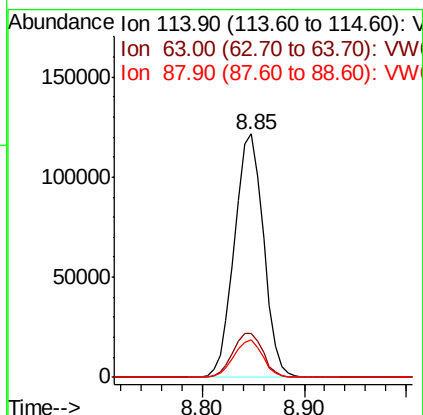
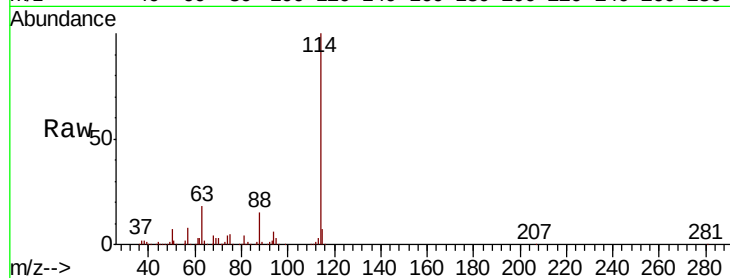




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

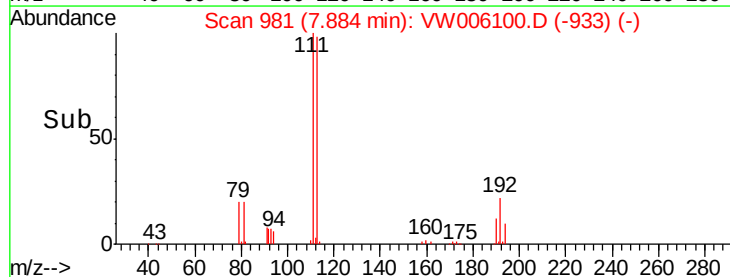
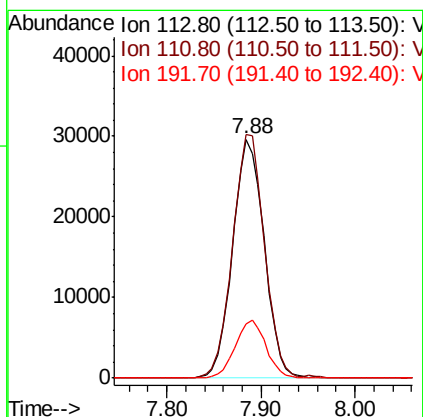
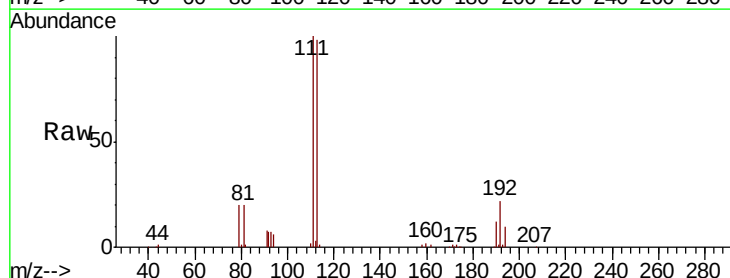
Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOIL

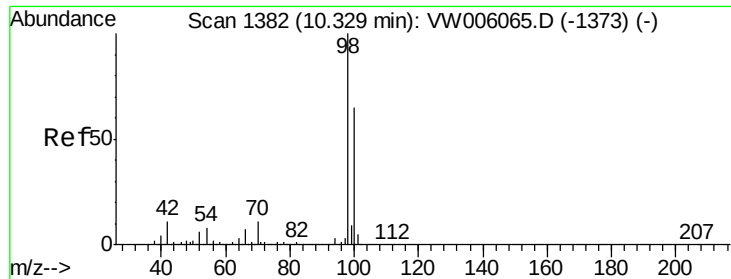
Tot Ion:114 Resp: 240020
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 15.3 0.0 29.0



#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

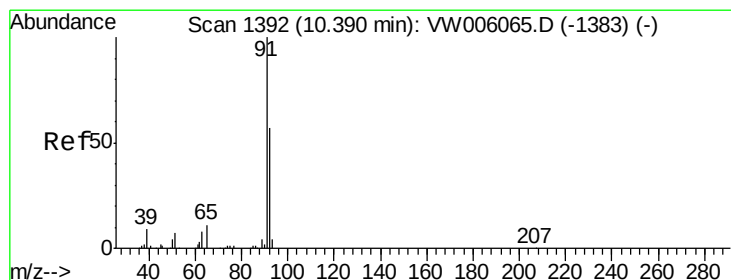
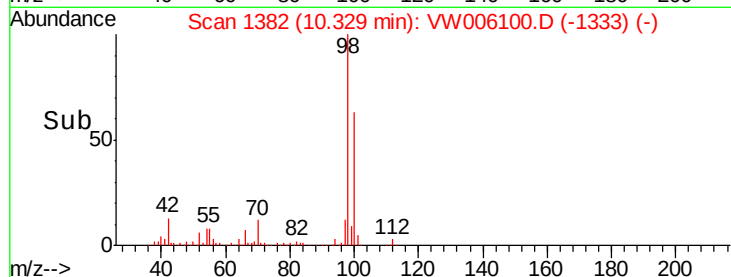
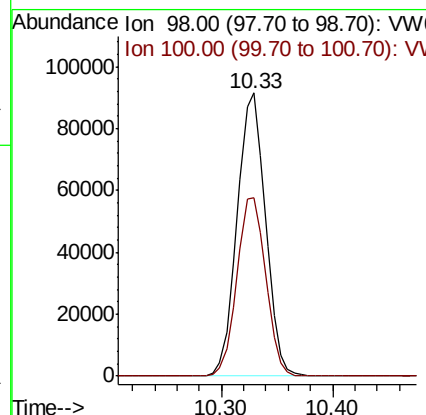
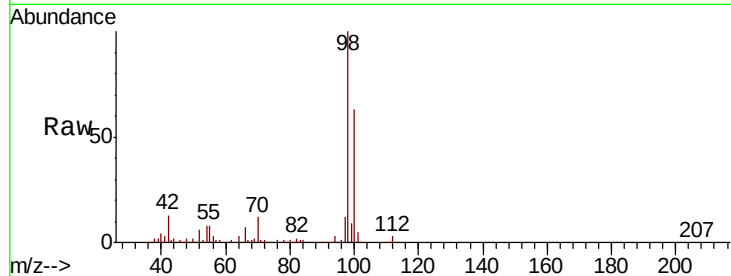




#50
Toluene-d8
Concen: 29.960 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

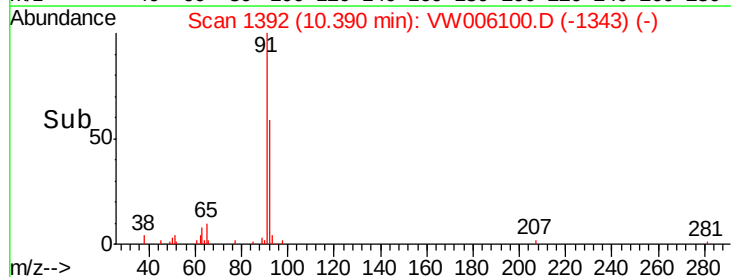
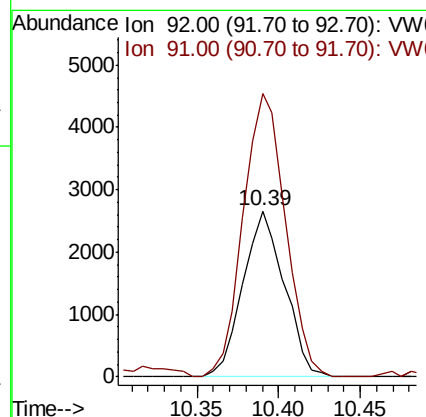
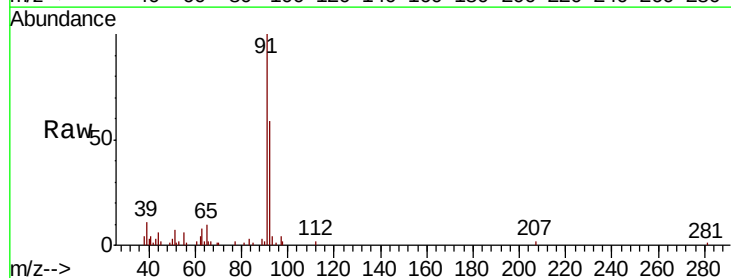
Instrument :
MSVOA_W
ClientSampleId :
351-SOIL

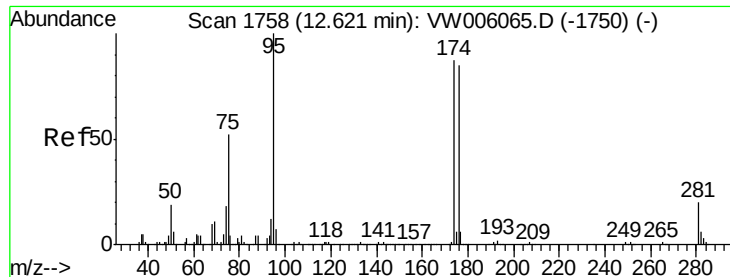
Tot Ion: 98 Resp: 161658
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#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

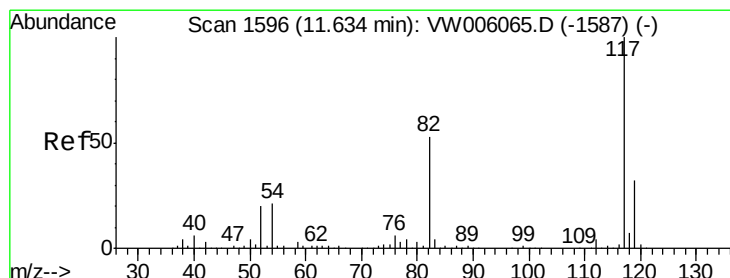
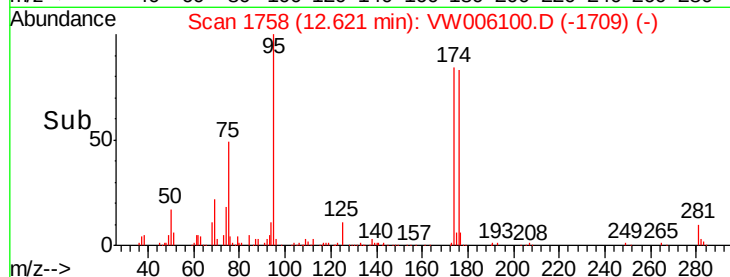
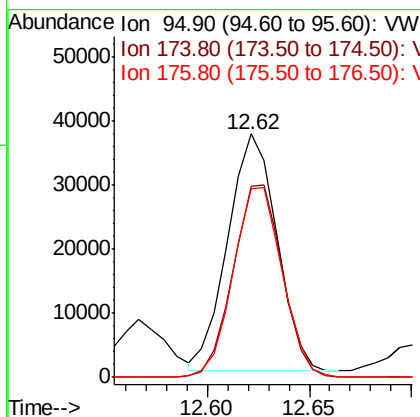
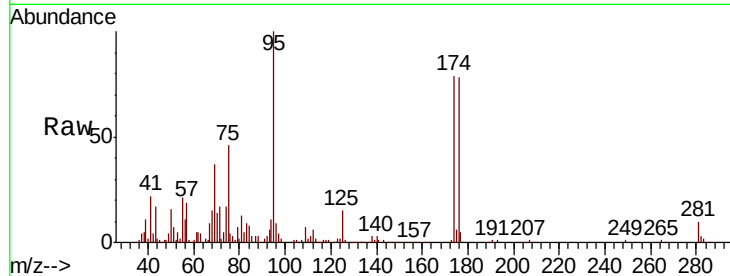




#62
4-Bromofluorobenzene
Concen: 30.426 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

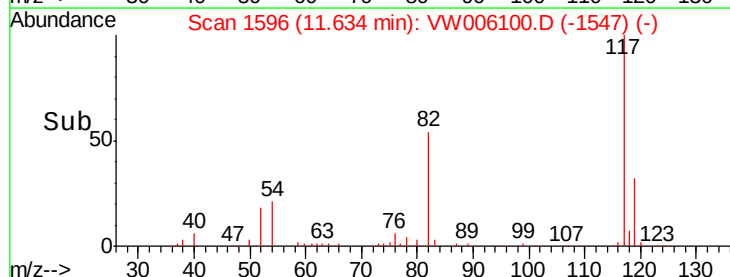
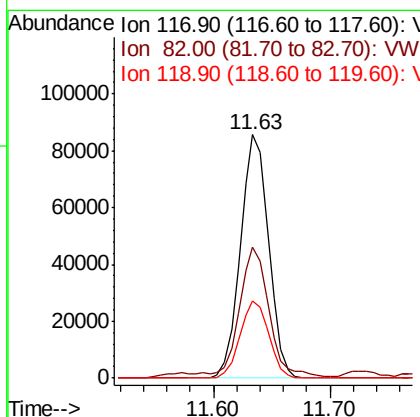
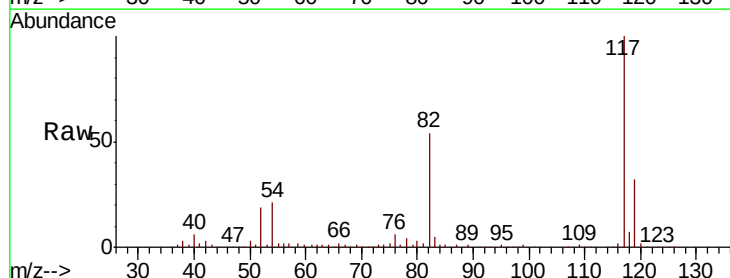
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MSVOA_W
ClientSampleId :
351-SOIL

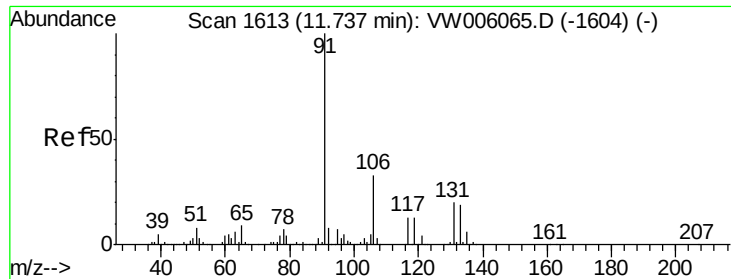
Tot Ion: 95 Resp: 61661
Ion Ratio Lower Upper
95 100
174 81.3 0.0 186.0
176 80.1 0.0 181.6



#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

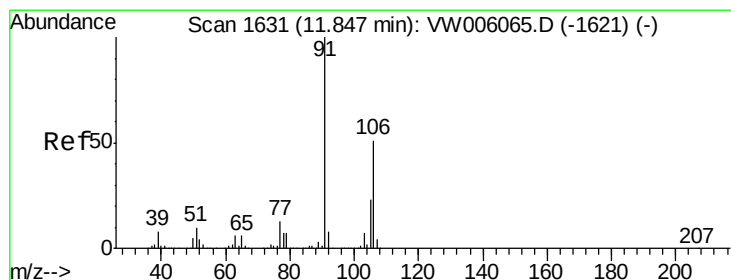
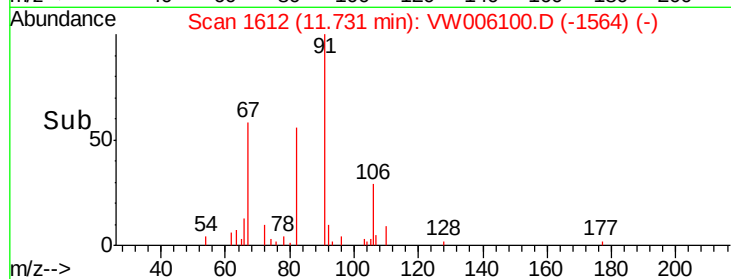
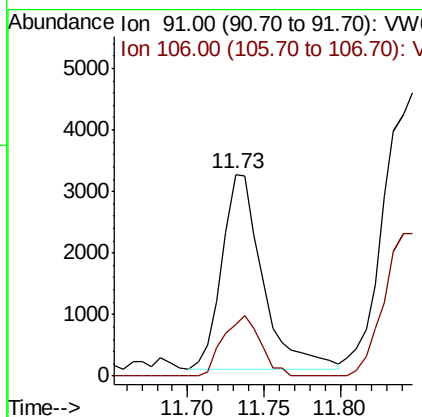
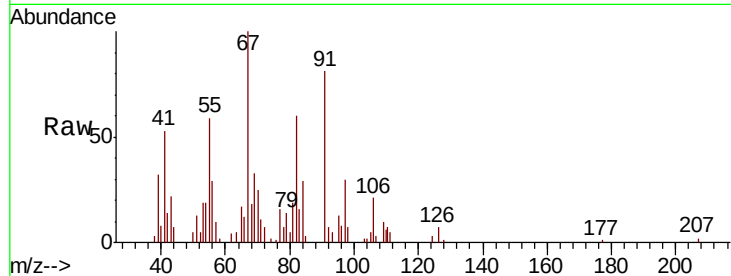




#67
Ethyl Benzene
Concen: 1.100 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

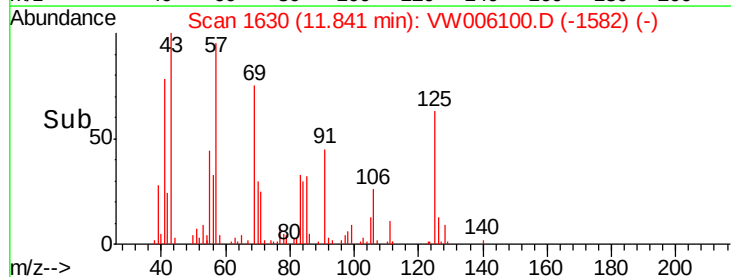
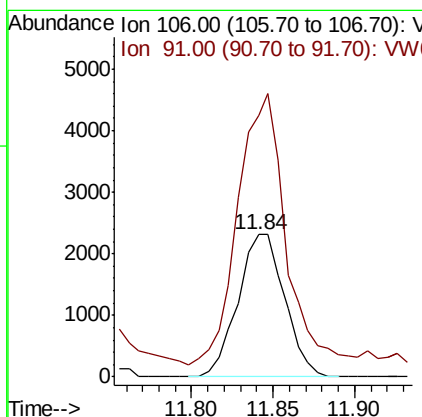
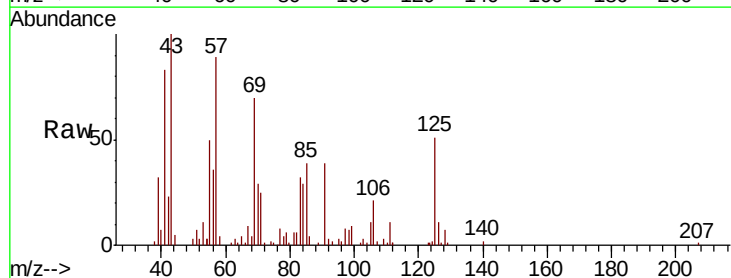
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ClientSampled :
351-SOIL

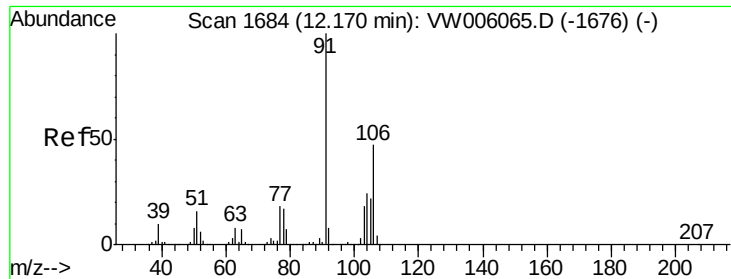
Tot Ion: 91 Resp: 5890
Ion Ratio Lower Upper
91 100
106 26.5 26.1 39.1



#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

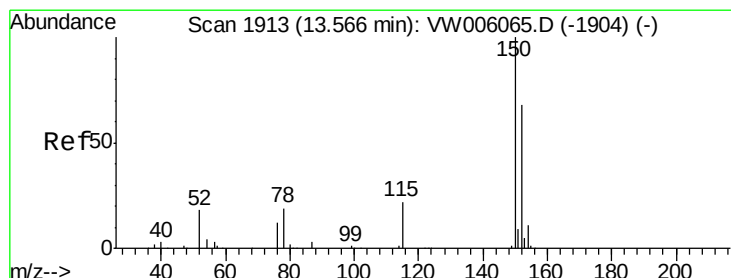
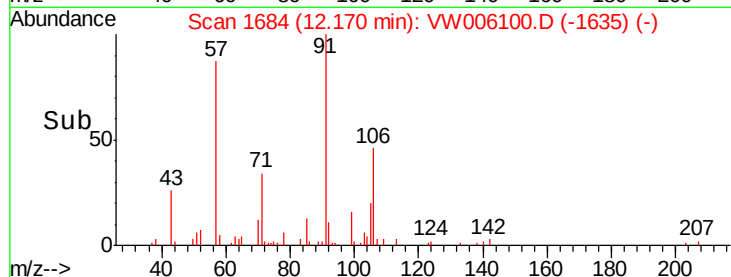
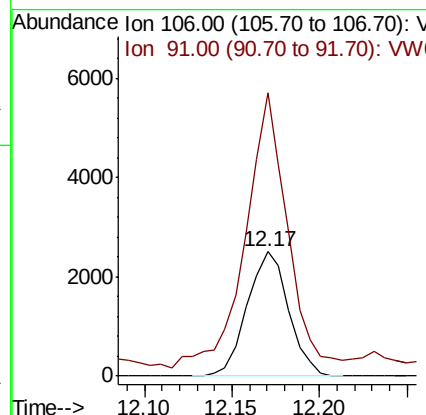
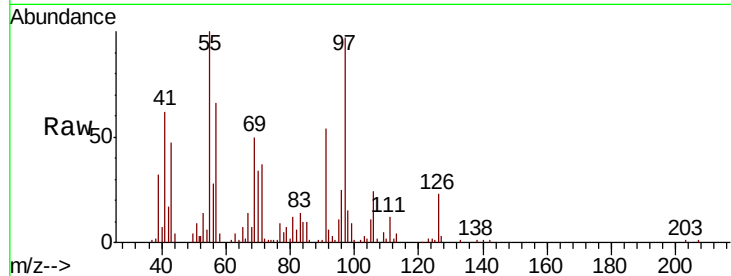




#69
o-Xylene
Concen: 2.046 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006100.D
Acq: 17 Oct 2018 02:38

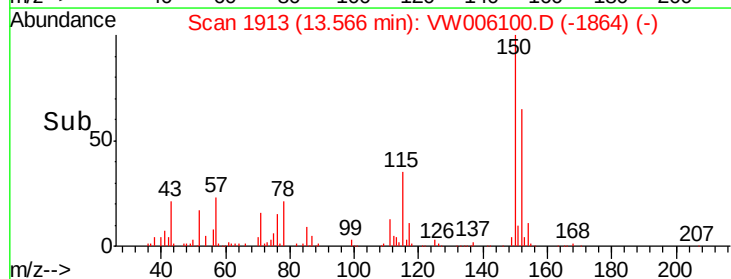
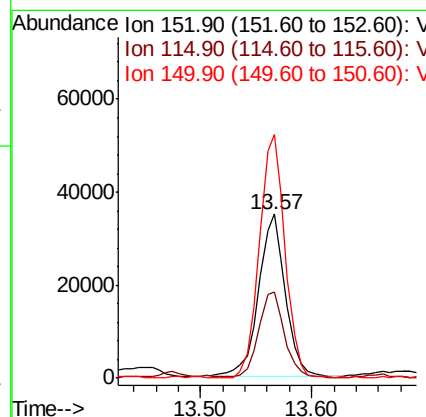
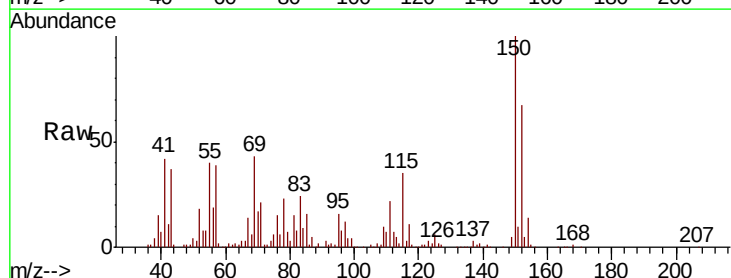
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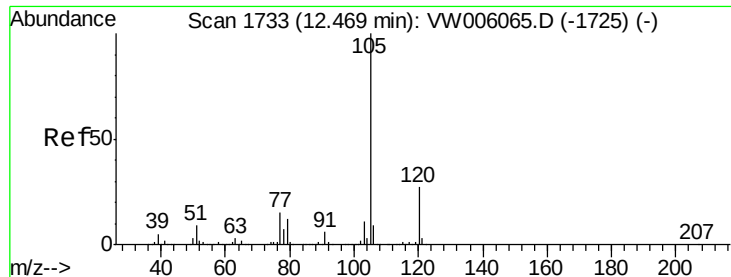
Tot Ion:106 Resp: 4125
Ion Ratio Lower Upper
106 100
91 222.0 105.4 316.1



#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

ClientSampled :

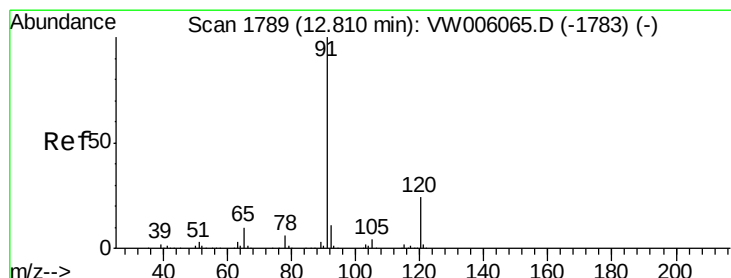
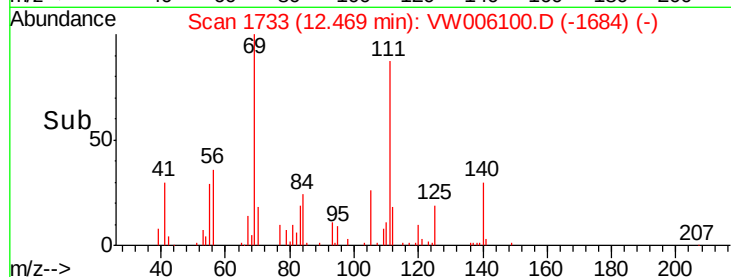
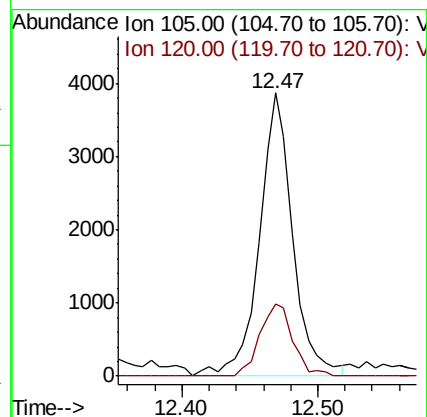
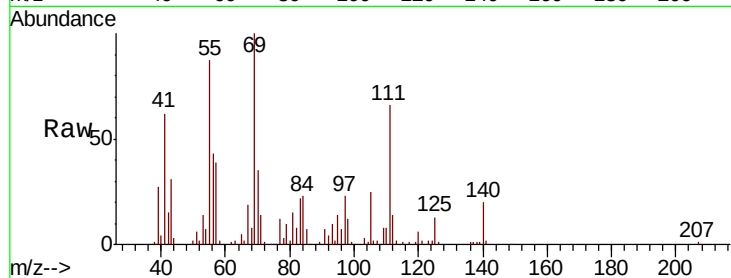
351-SOIL

Tot Ion:105 Resp: 6645

Ion Ratio Lower Upper

105 100

120 25.3 13.6 40.7



#78

n-propylbenzene

Concen: 1.840 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006100.D

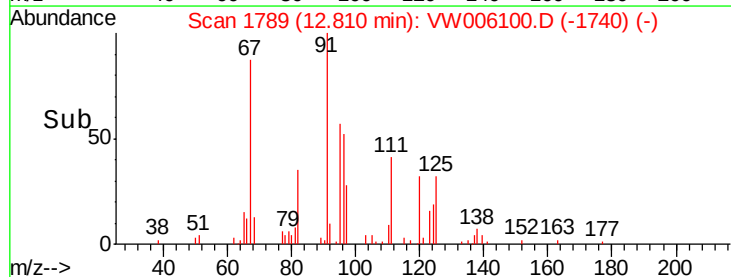
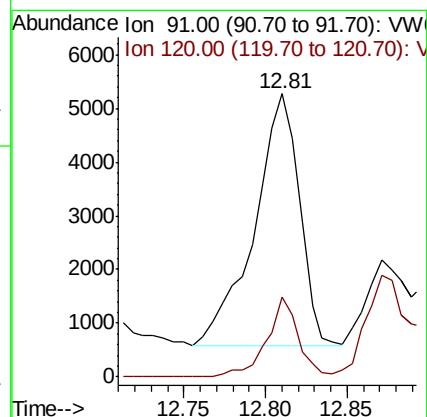
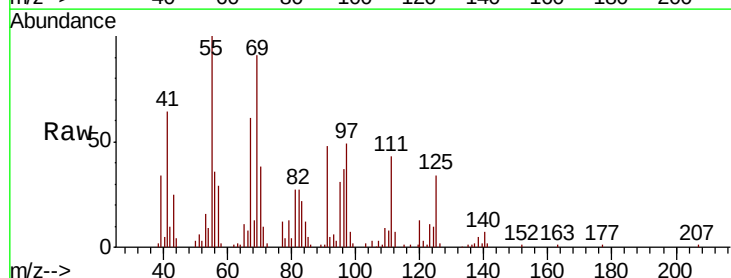
Acq: 17 Oct 2018 02:38

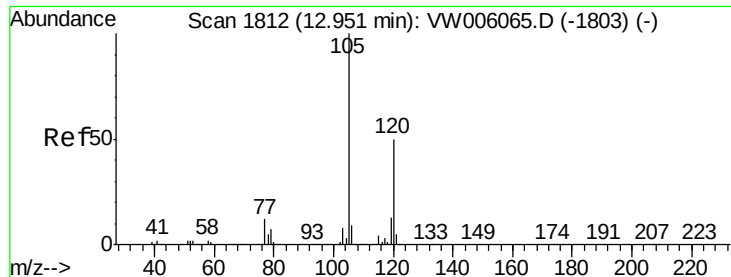
Tgt Ion: 91 Resp: 8957

Ion Ratio Lower Upper

91 100

120 22.2 12.2 36.6

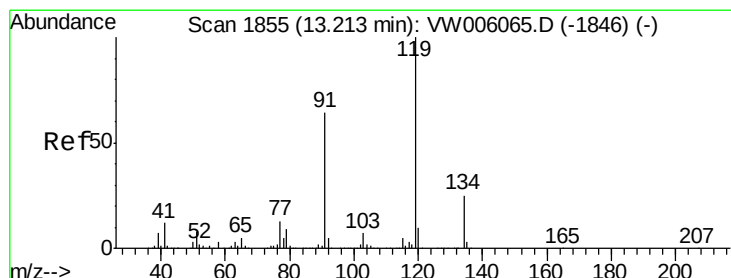
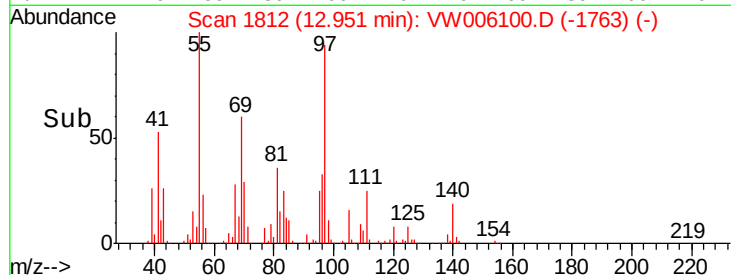
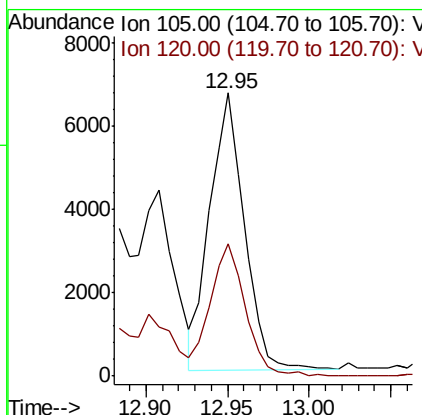
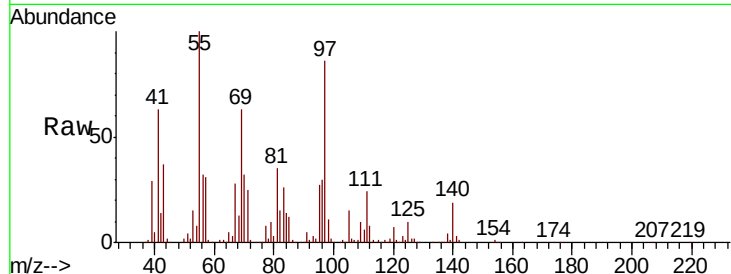




#80
 1,3,5-Trimethylbenzene
 Concen: 2.783 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

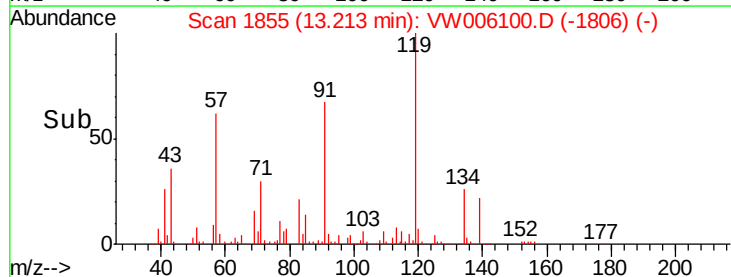
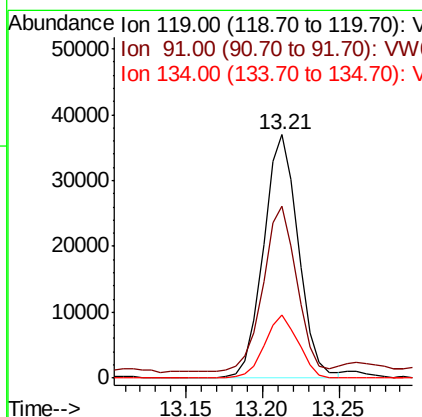
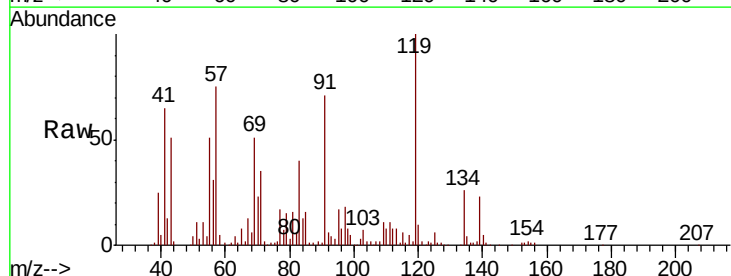
Instrument :
 MSVOA_W
 ClientSampleId :
 351-SOIL

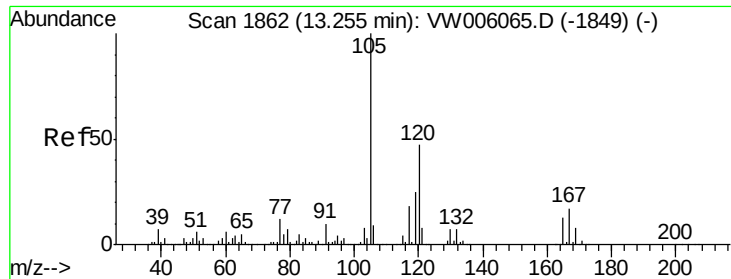
Tot Ion:105 Resp: 9818
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6



#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

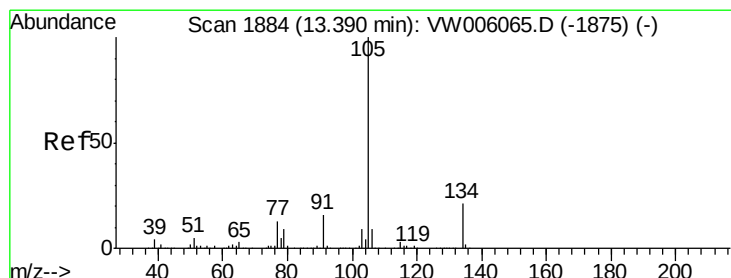
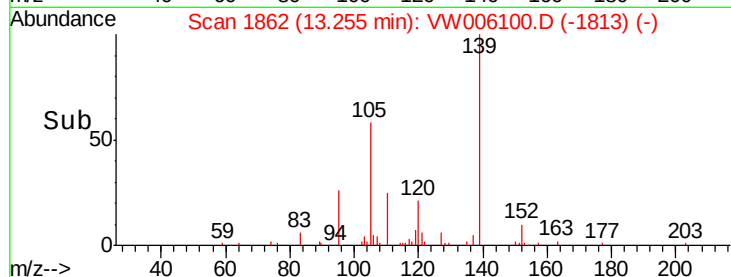
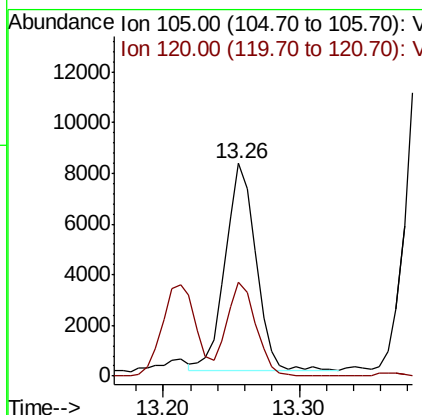
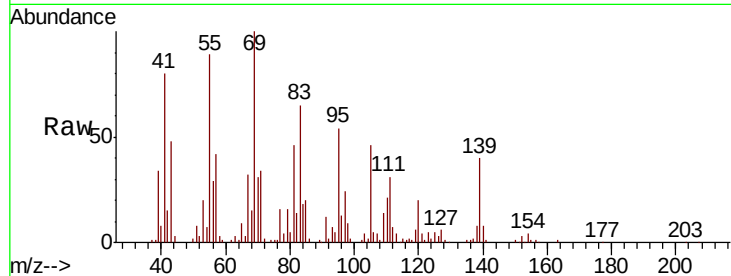




#84
 1,2,4-Trimethylbenzene
 Concen: 3.550 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006100.D
 Acq: 17 Oct 2018 02:38

Instrument :
 MSVOA_W
 ClientSampled :
 351-SOIL

Tot 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#

