

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007504.D
 Acq On : 14 Dec 2018 00:15
 Operator : SY/AP
 Sample : J6372-01RE
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FP-SOIL-1RE

Quant Time: Dec 14 04:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	35457	37.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.20%	
35) Dibromofluoromethane	7.95	113	77	0.08	ug/l	0.07
Spiked Amount	50.000		Recovery	=	0.16%	
50) Toluene-d8	10.32	98	109549	31.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.50%	
62) 4-Bromofluorobenzene	12.62	95	33255	26.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.42%	

Target Compounds

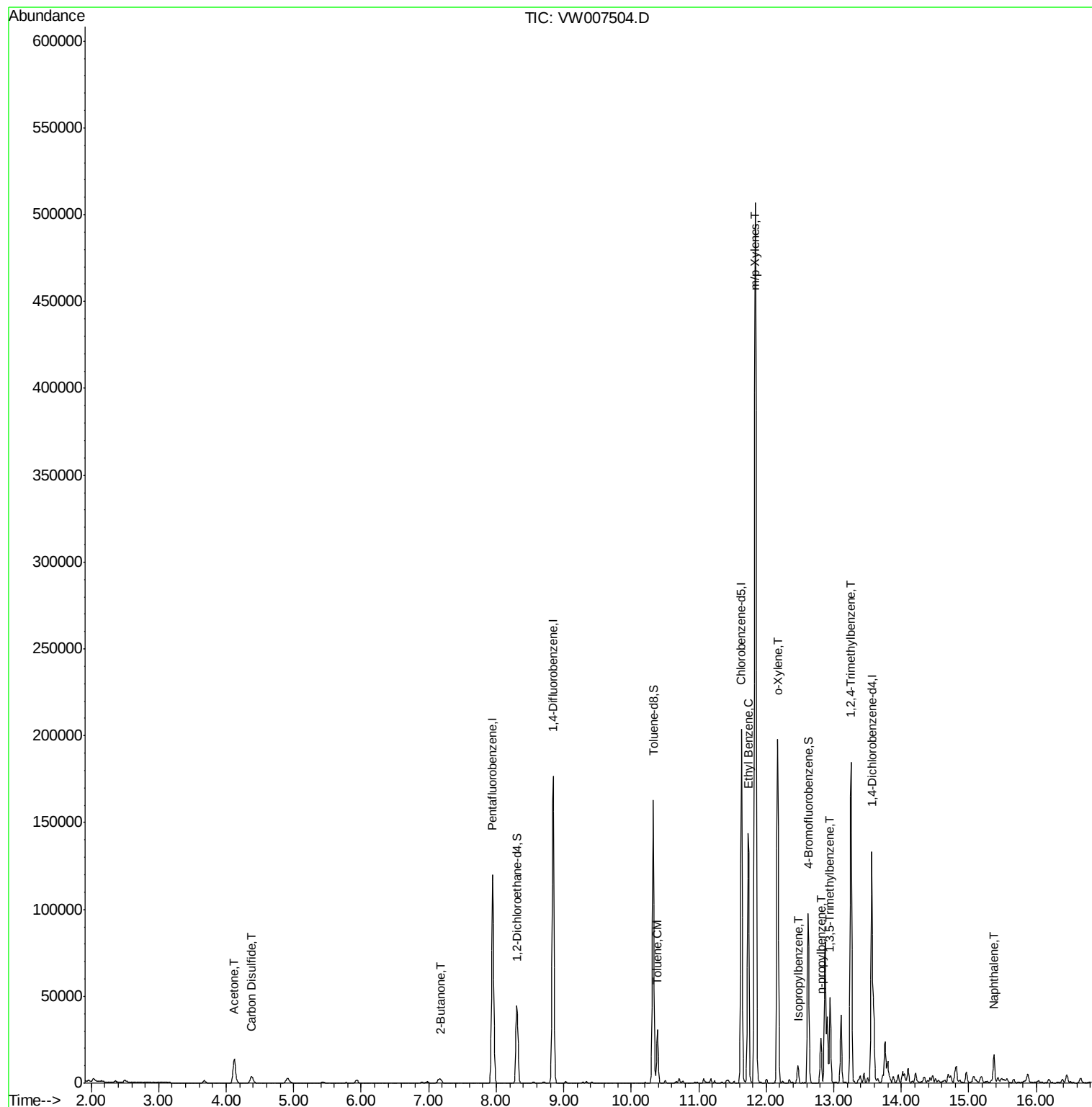
					Qvalue
16) Acetone	4.12	43	23943	143.439	ug/l 97
17) Carbon Disulfide	4.37	76	9267	3.617	ug/l 100
25) 2-Butanone	7.18	43	3044	13.969	ug/l 95
52) Toluene	10.38	92	14062	5.646	ug/l 96
67) Ethyl Benzene	11.73	91	102829	24.840	ug/l 91
68) m/p-Xylenes	11.84	106	160629	99.814	ug/l 100
69) o-Xylene	12.17	106	55363	36.836	ug/l 99
73) Isopropylbenzene	12.47	105	6228	2.403	ug/l 97
78) n-propylbenzene	12.81	91	19926	6.831	ug/l 99
80) 1,3,5-Trimethylbenzene	12.95	105	25573	11.742	ug/l 98
84) 1,2,4-Trimethylbenzene	13.26	105	102200	45.603	ug/l 100
95) Naphthalene	15.37	128	14471	10.714	ug/l 98

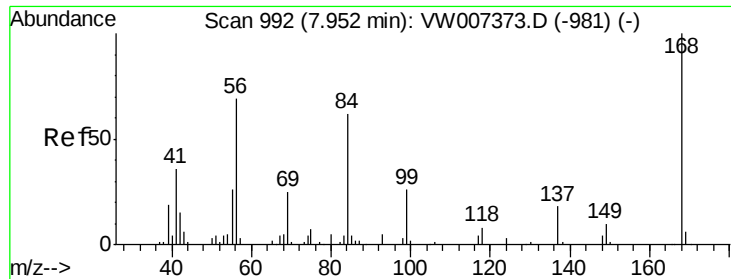
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 04:53:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007504.D

Acq: 14 Dec 2018 00:15

Instrument :

MSVOA_W

ClientSampleId :

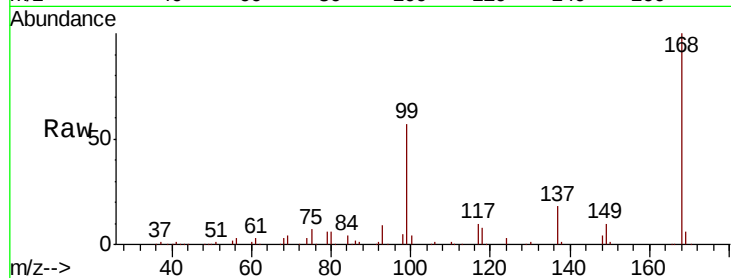
FP-SOIL-1RE

Tot Ion:168 Resp: 86138

Ion Ratio Lower Upper

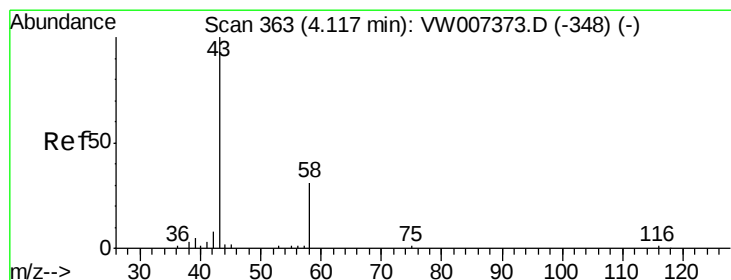
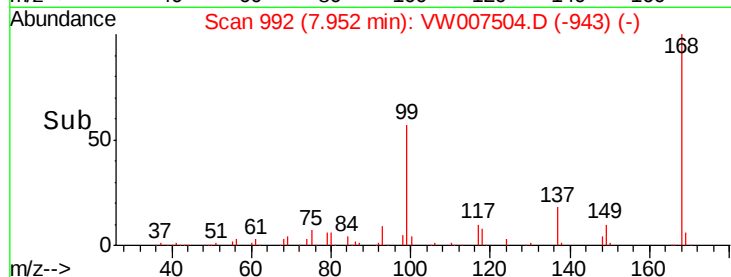
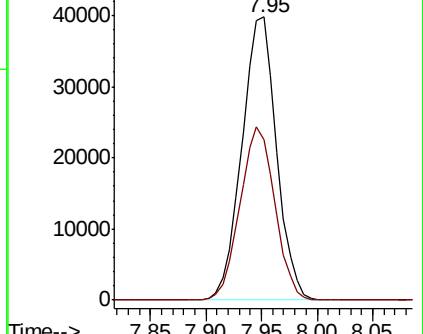
168 100

99 56.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 143.439 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007504.D

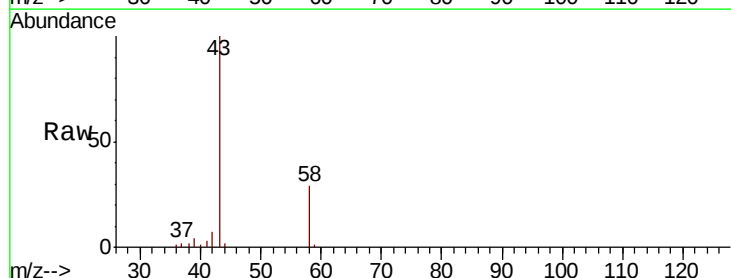
Acq: 14 Dec 2018 00:15

Tgt Ion: 43 Resp: 23943

Ion Ratio Lower Upper

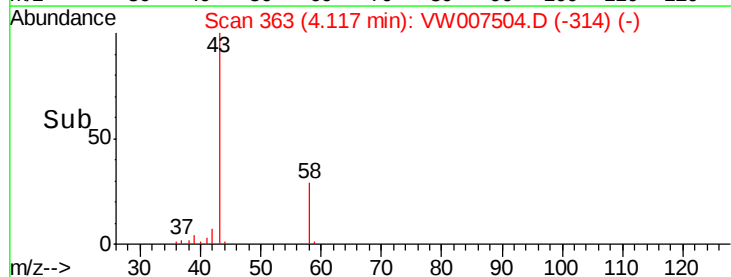
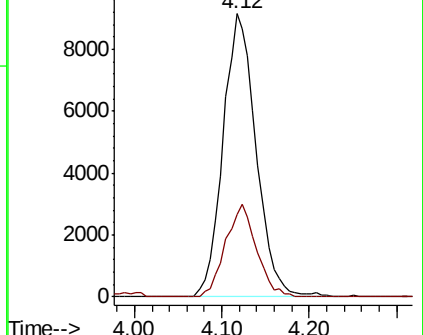
43 100

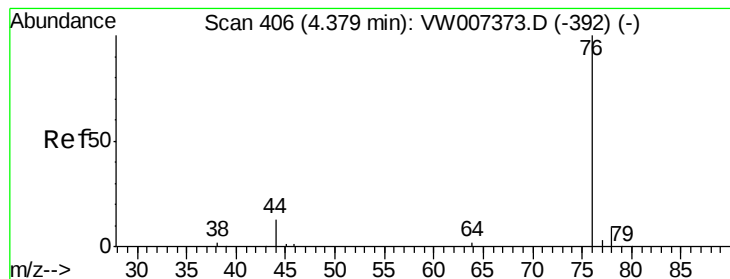
58 29.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.617 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007504.D

Acq: 14 Dec 2018 00:15

Instrument :

MSVOA_W

ClientSampleId :

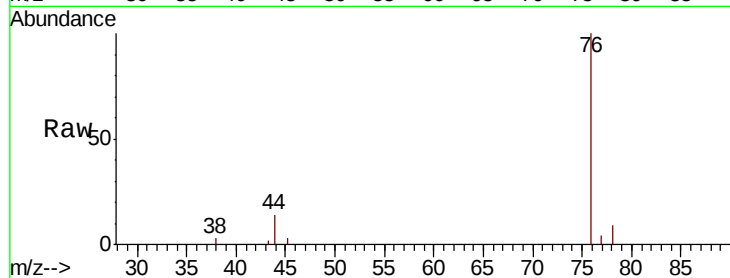
FP-SOIL-1RE

Tot Ion: 76 Resp: 9267

Ion Ratio Lower Upper

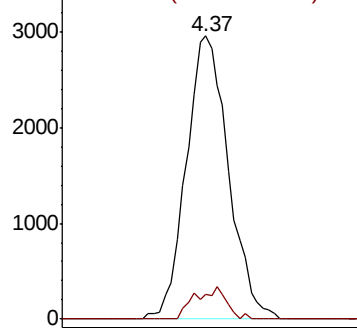
76 100

78 8.9 7.1 10.7

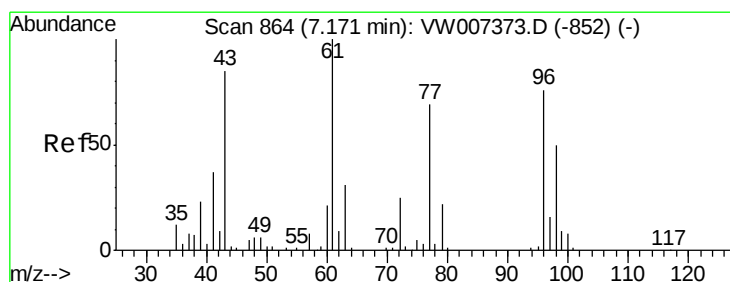
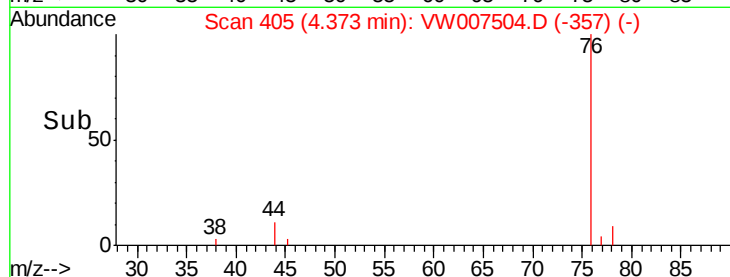


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#25

2-Butanone

Concen: 13.969 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007504.D

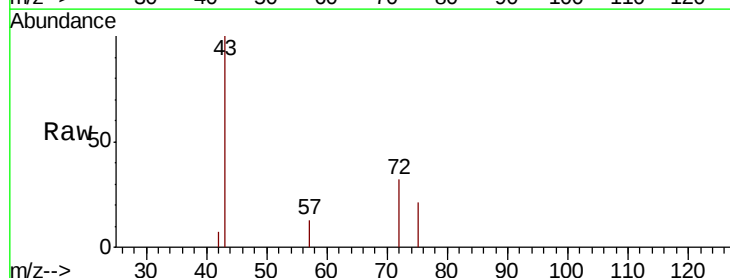
Acq: 14 Dec 2018 00:15

Tgt Ion: 43 Resp: 3044

Ion Ratio Lower Upper

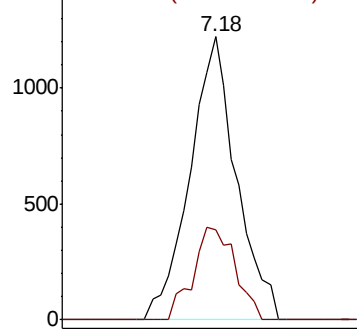
43 100

72 32.0 23.4 35.2

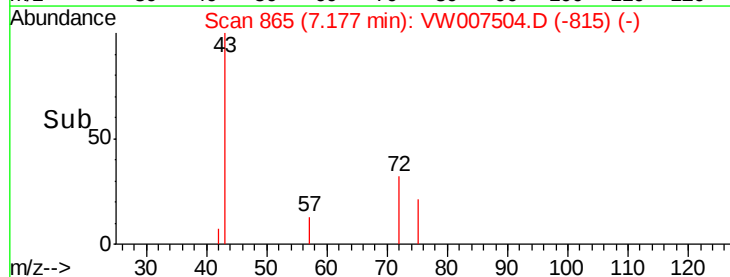


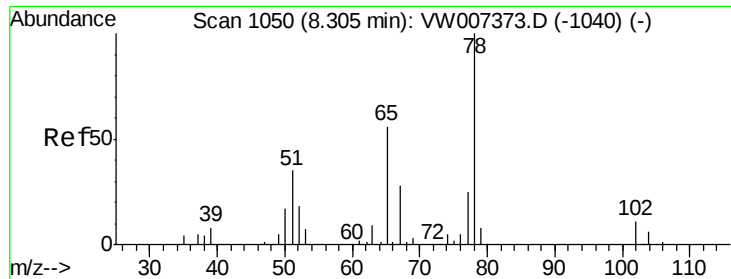
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->

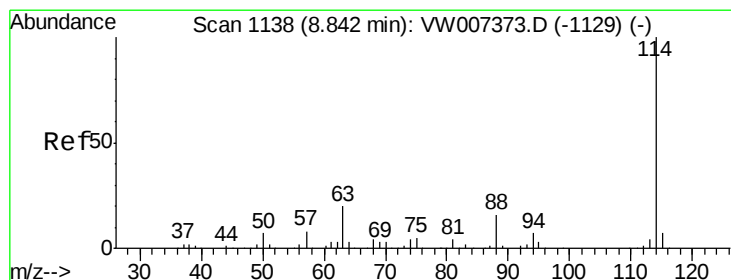
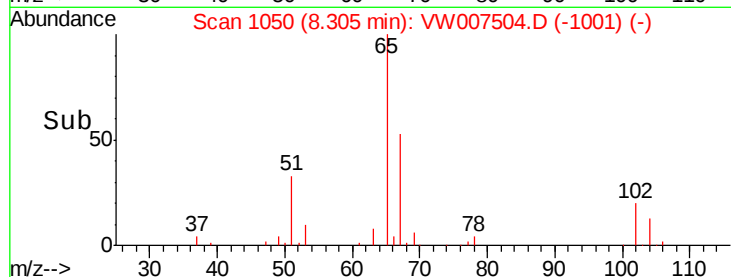
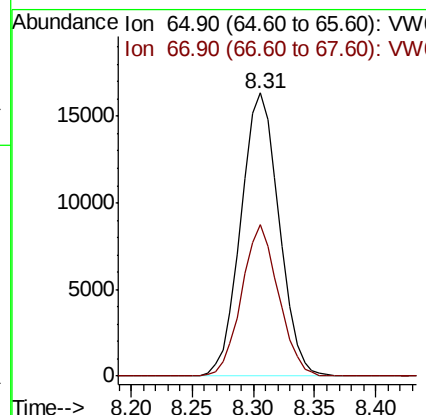
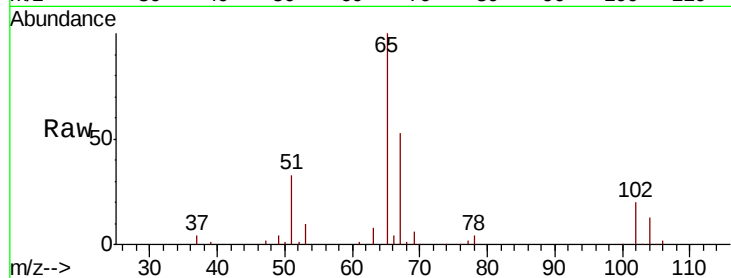




#33
 1,2-Dichloroethane-d4
 Concen: 37.103 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007504.D
 Acq: 14 Dec 2018 00:15

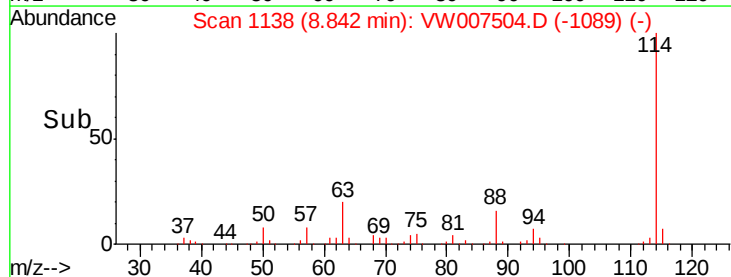
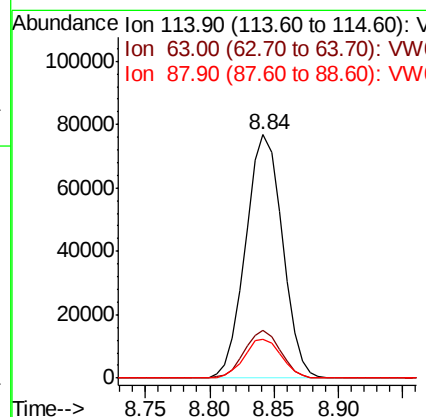
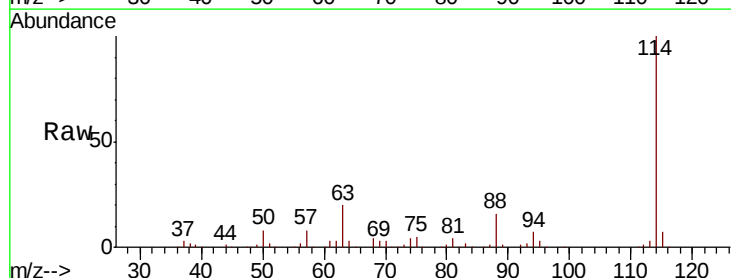
Instrument :
 MSVOA_W
 ClientSampleId :
 FP-SOIL-1RE

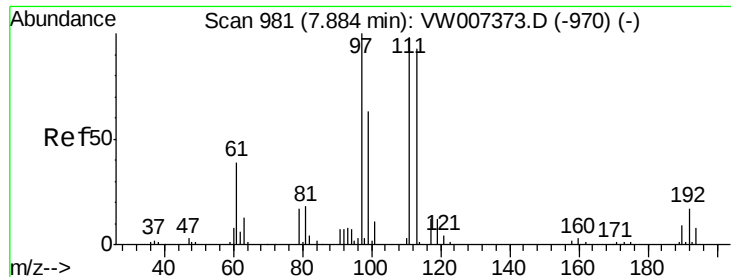
Tot Ion: 65 Resp: 35457
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007504.D
 Acq: 14 Dec 2018 00:15

Tgt Ion: 114 Resp: 152032
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.1 0.0 31.4

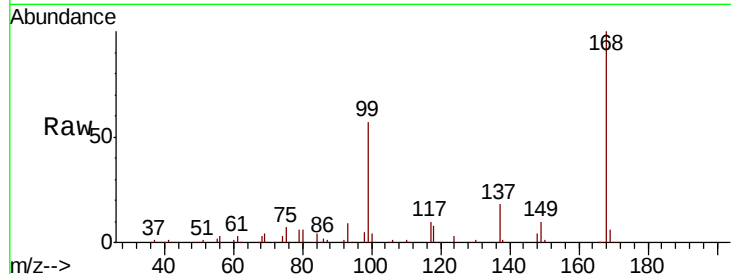




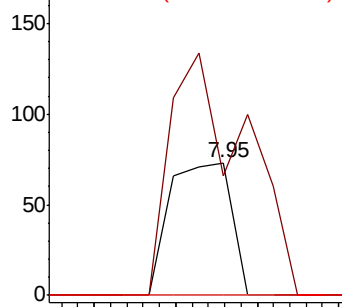
#35
Dibromofluoromethane
Concen: 0.084 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.07 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

Instrument :
MSVOA_W
ClientSampleId :
FP-SOIL-1RE

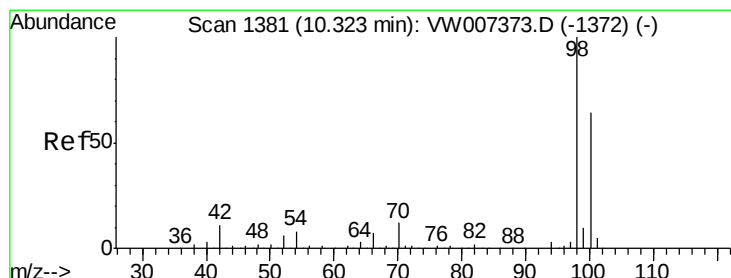
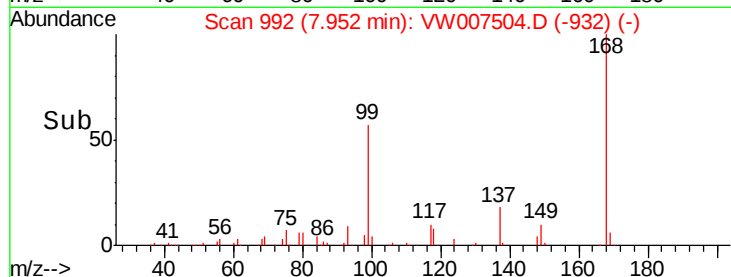
Tot Ion:113 Resp: 77
Ion Ratio Lower Upper
113 100
111 223.4 81.1 121.7#
192 0.0 14.6 21.8#



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

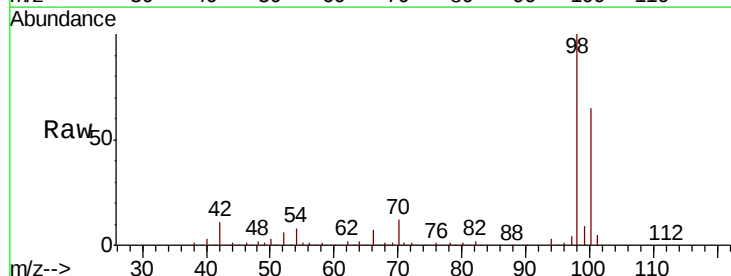


Time-->

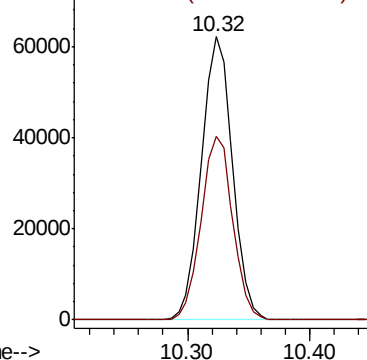


#50
Toluene-d8
Concen: 31.747 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

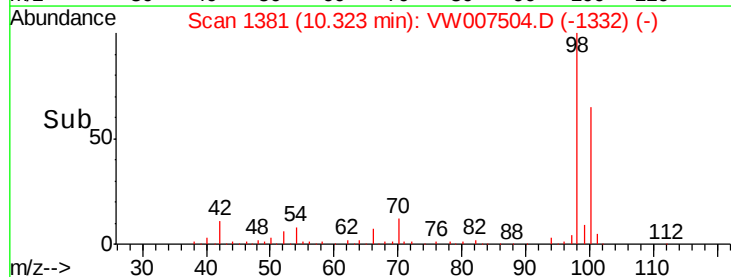
Tgt Ion: 98 Resp: 109549
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8

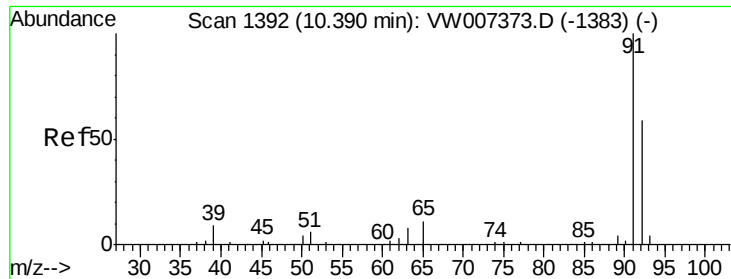


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V



Time-->





#52

Toluene

Concen: 5.646 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007504.D

Acq: 14 Dec 2018 00:15

Instrument :

MSVOA_W

ClientSampleId :

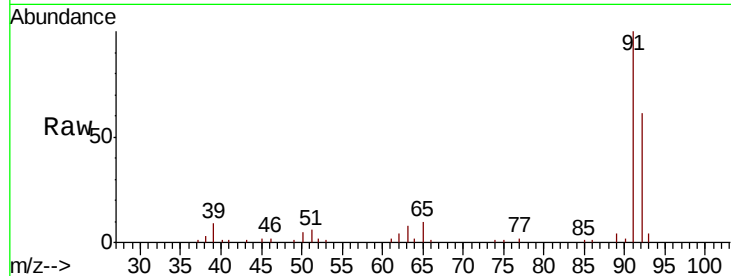
FP-SOIL-1RE

Tot Ion: 92 Resp: 14062

Ion Ratio Lower Upper

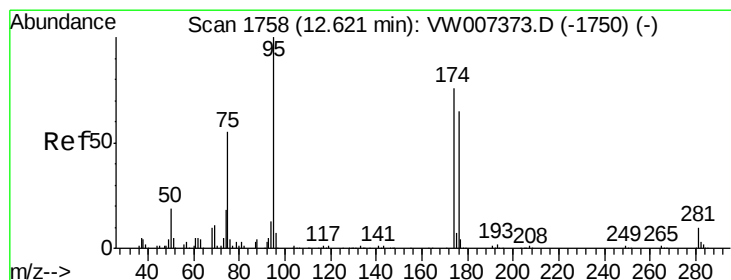
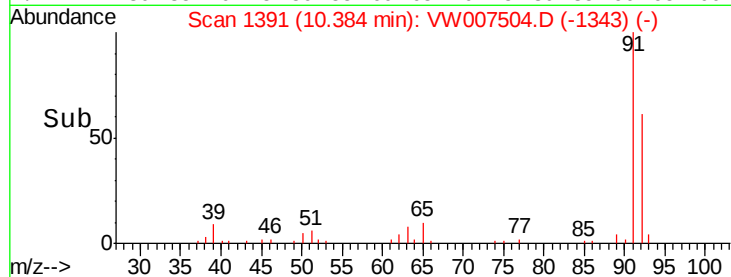
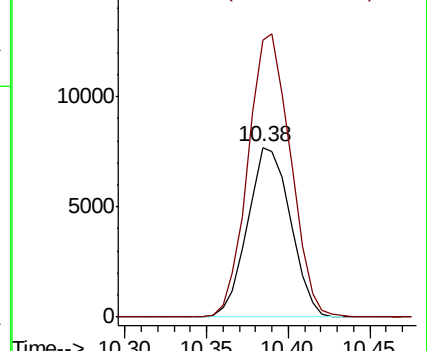
92 100

91 165.2 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 26.212 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007504.D

Acq: 14 Dec 2018 00:15

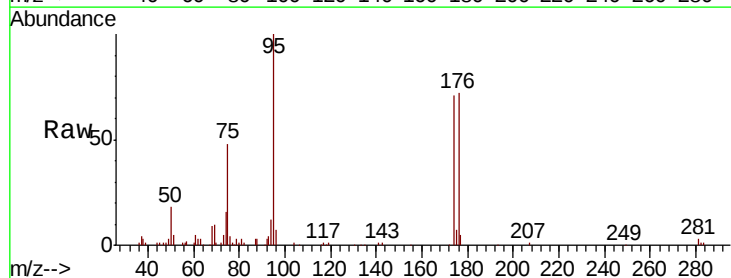
Tgt Ion: 95 Resp: 33255

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.2

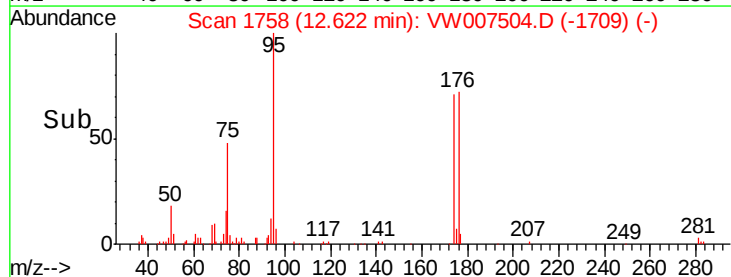
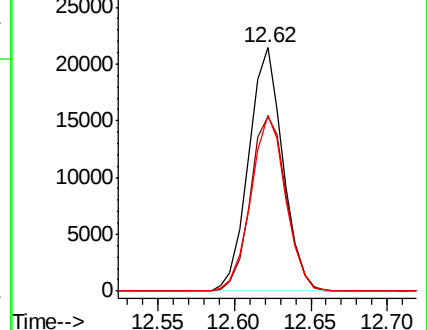
176 73.3 0.0 138.8

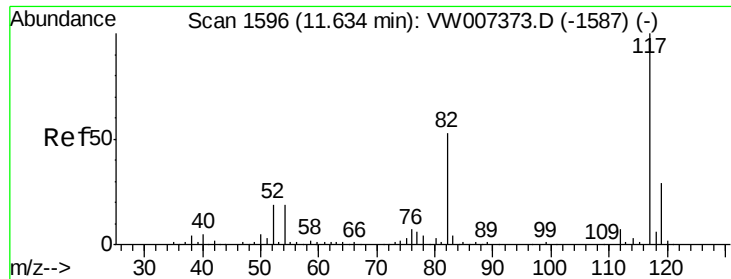


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007504.D

Acq: 14 Dec 2018 00:15

Instrument :

MSVOA_W

ClientSampleId :

FP-SOIL-1RE

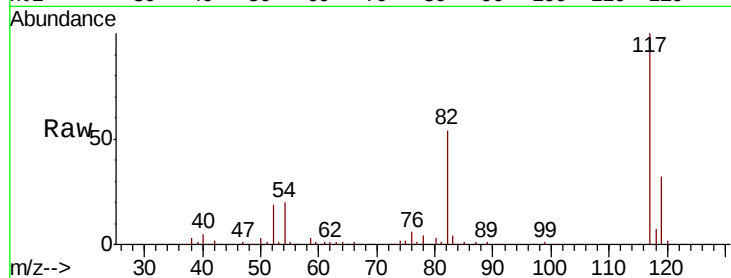
Tot Ion:117 Resp: 115517

Ion Ratio Lower Upper

117 100

82 54.4 42.3 63.5

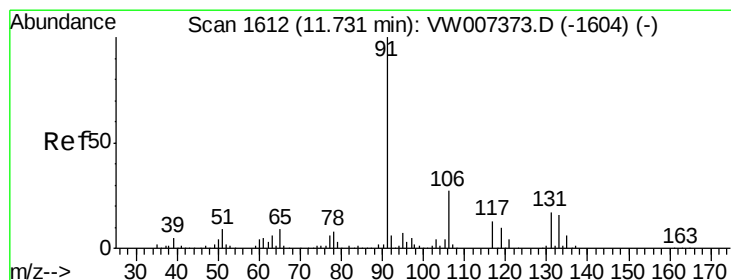
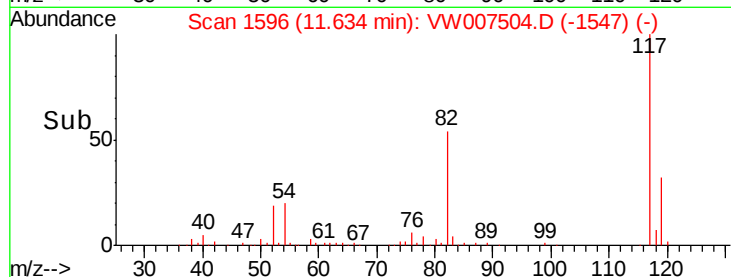
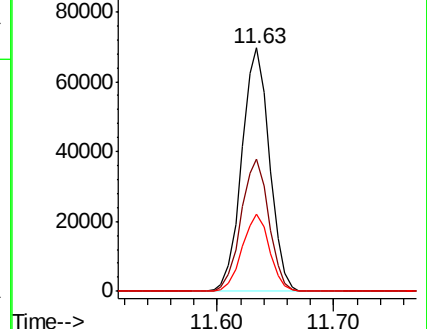
119 31.7 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 24.840 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007504.D

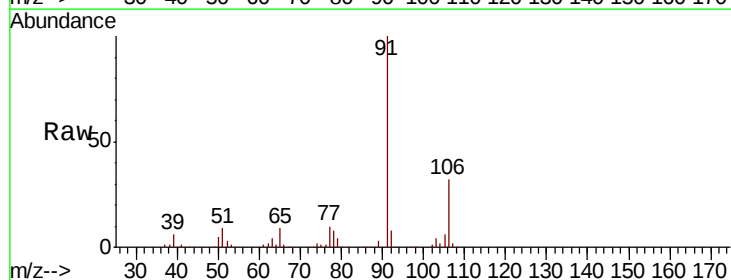
Acq: 14 Dec 2018 00:15

Tgt Ion: 91 Resp: 102829

Ion Ratio Lower Upper

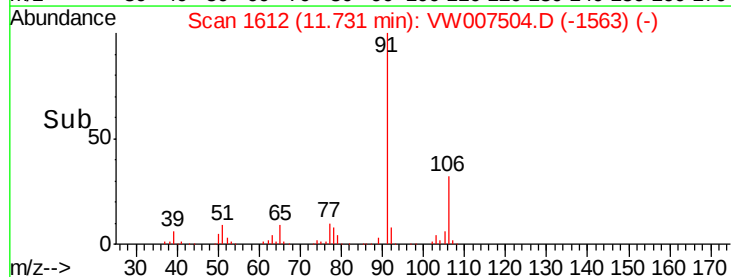
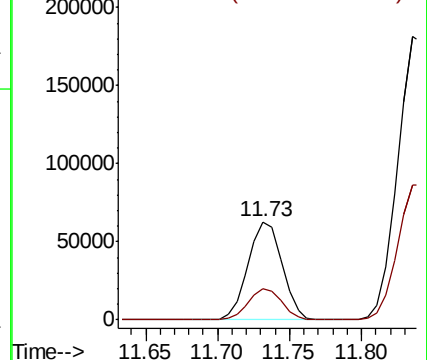
91 100

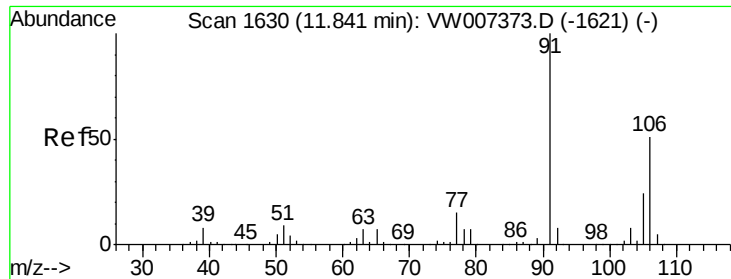
106 31.8 21.8 32.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

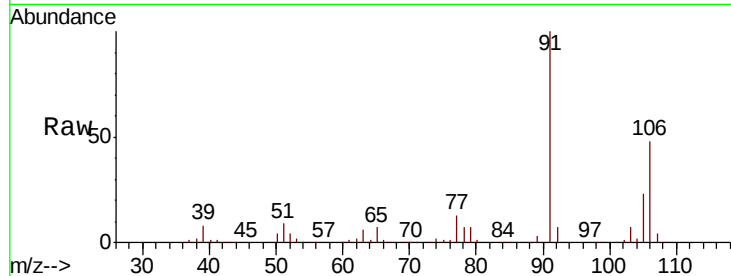




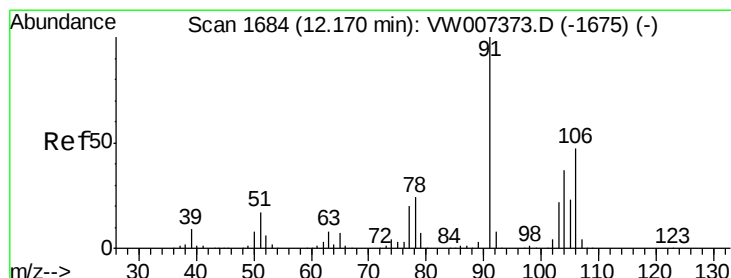
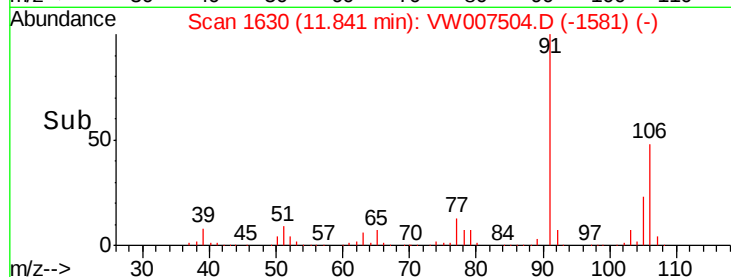
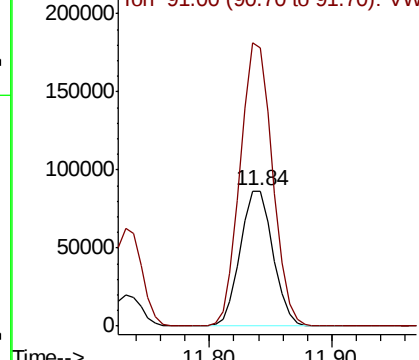
#68
m/p-Xylenes
Concen: 99.814 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

Instrument :
MSVOA_W
ClientSampleId :
FP-SOIL-1RE

Tot Ion:106 Resp: 160629
Ion Ratio Lower Upper
106 100
91 207.0 165.3 247.9

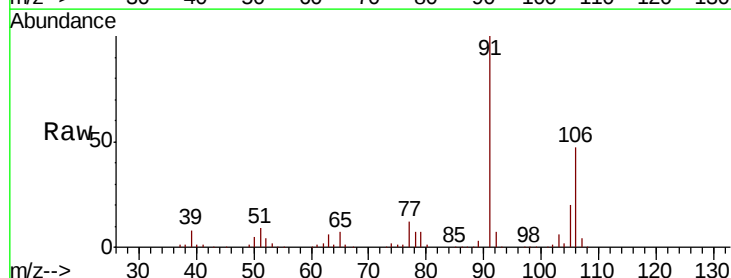


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

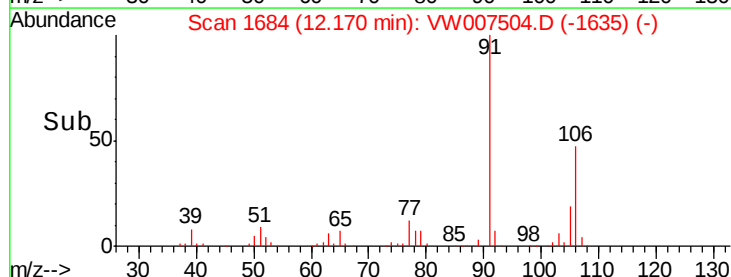
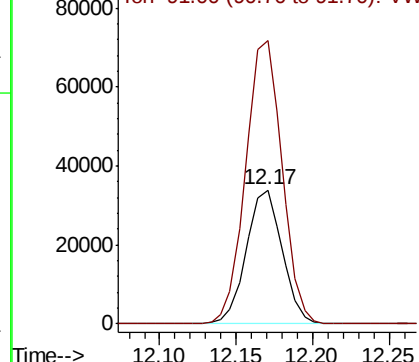


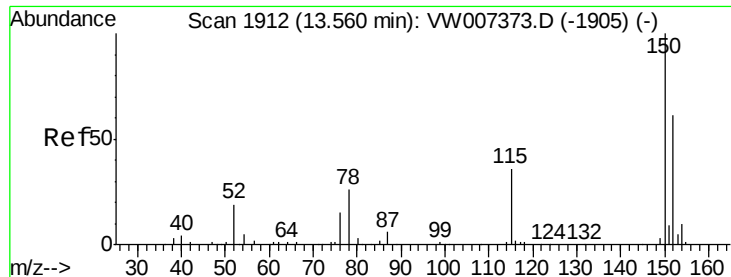
#69
o-Xylene
Concen: 36.836 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

Tgt Ion:106 Resp: 55363
Ion Ratio Lower Upper
106 100
91 214.5 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007504.D

Acq: 14 Dec 2018 00:15

Instrument :

MSVOA_W

ClientSampleId :

FP-SOIL-1RE

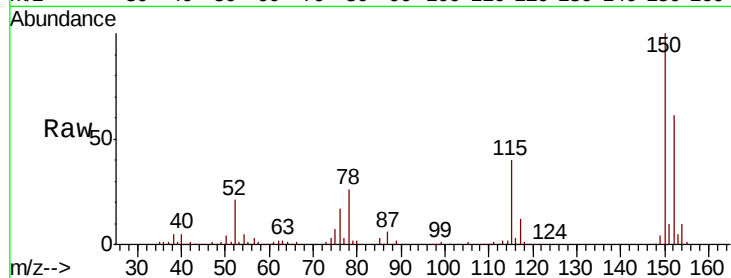
Tot Ion:152 Resp: 33826

Ion Ratio Lower Upper

152 100

115 66.0 31.4 94.2

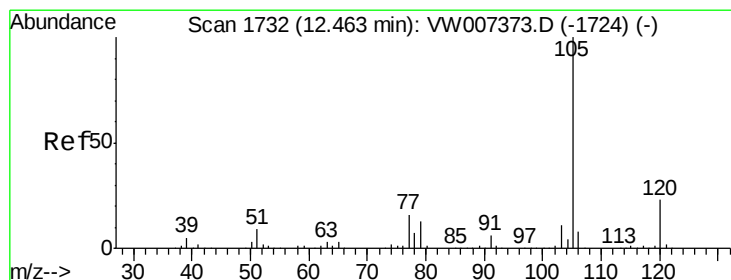
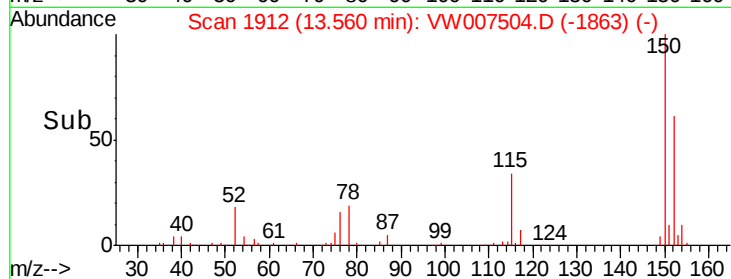
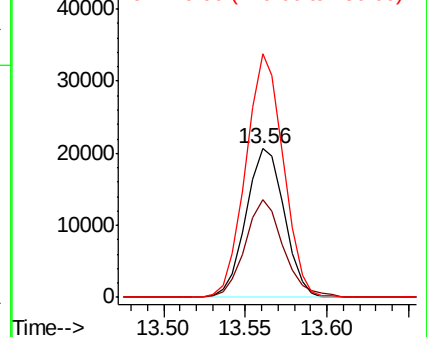
150 160.2 0.0 358.4



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: 2.403 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007504.D

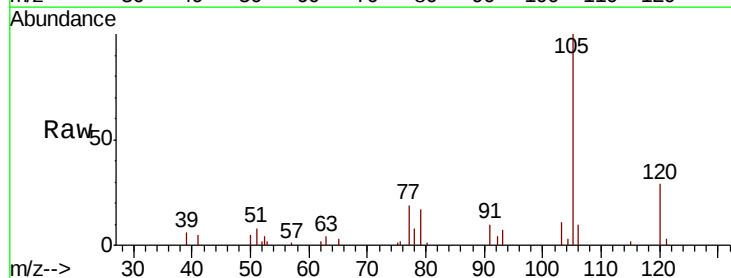
Acq: 14 Dec 2018 00:15

Tgt Ion:105 Resp: 6228

Ion Ratio Lower Upper

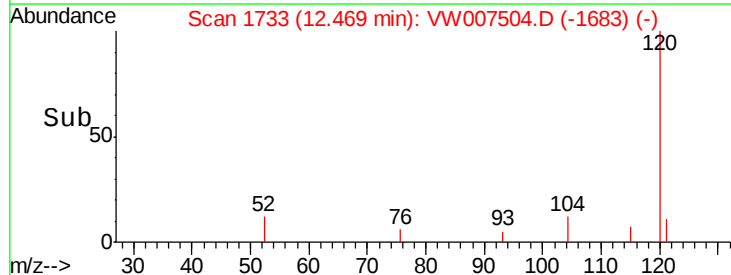
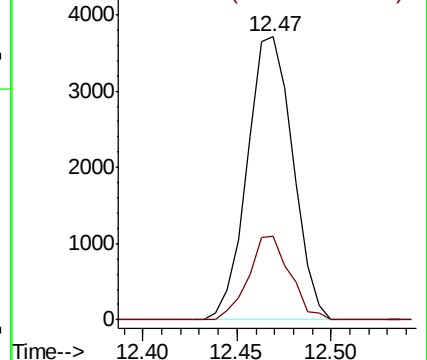
105 100

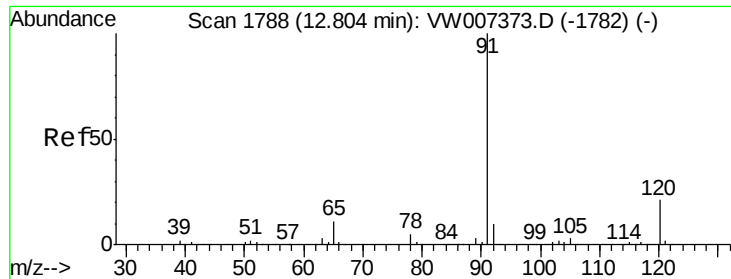
120 26.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

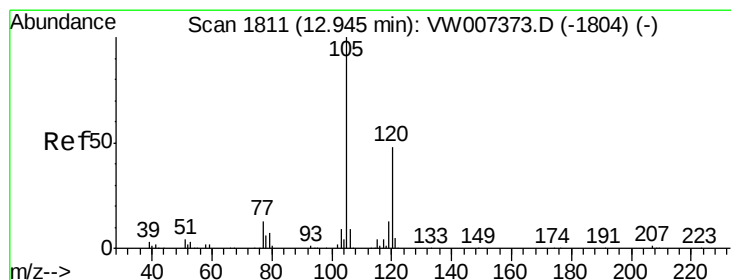
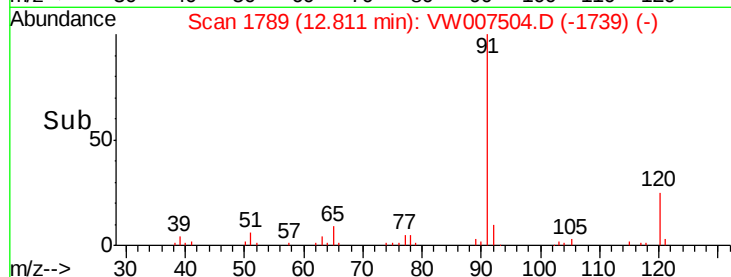
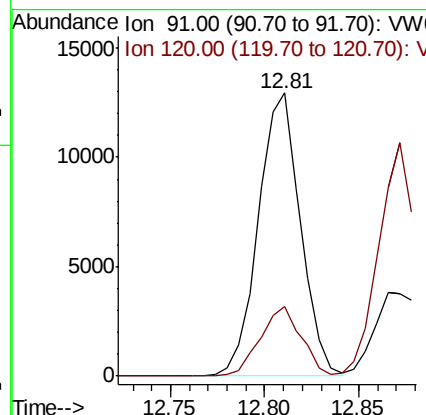
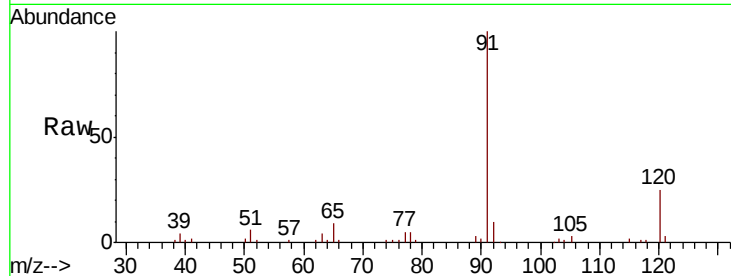




#78
n-propylbenzene
Concen: 6.831 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

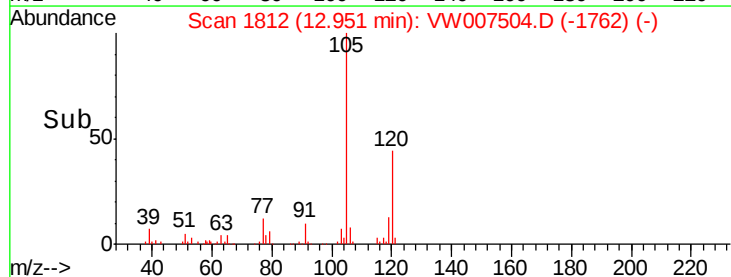
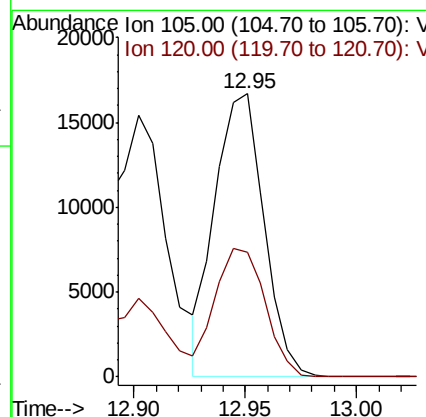
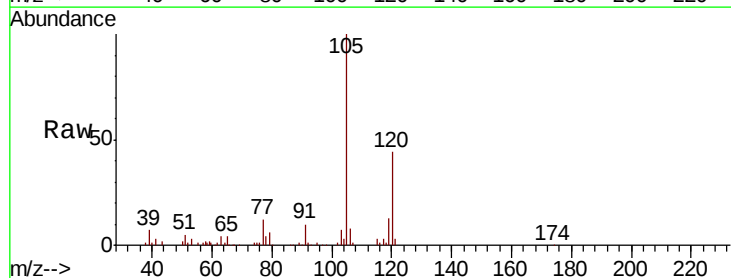
Instrument :
MSVOA_W
ClientSampled :
FP-SOIL-1RE

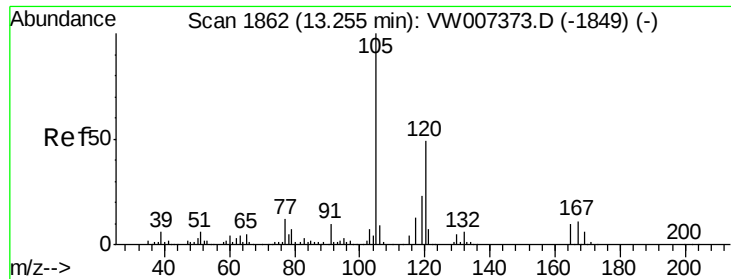
Tot Ion: 91 Resp: 19926
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 11.742 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007504.D
Acq: 14 Dec 2018 00:15

Tgt Ion:105 Resp: 25573
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.4

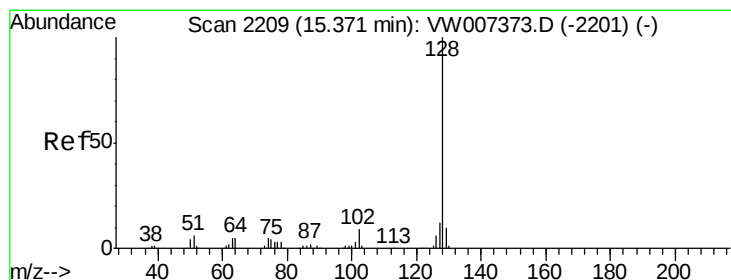
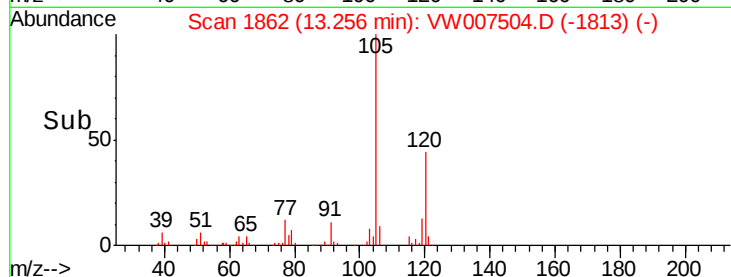
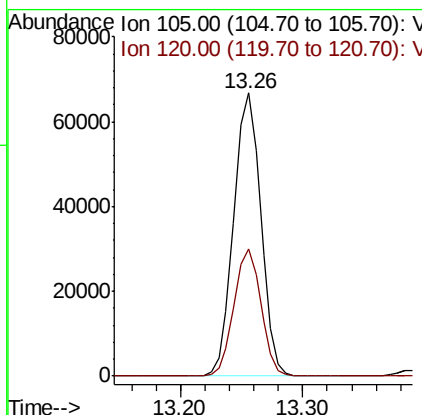
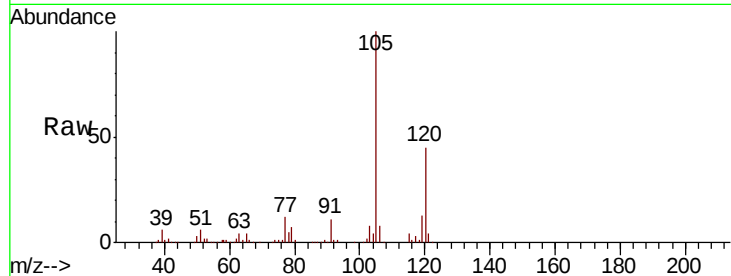




#84
 1,2,4-Trimethylbenzene
 Concen: 45.603 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007504.D
 Acq: 14 Dec 2018 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 FP-SOIL-1RE

Tot Ion:105 Resp: 102200
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7



#95
 Naphthalene
 Concen: 10.714 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW007504.D
 Acq: 14 Dec 2018 00:15

Tgt Ion:128 Resp: 14471
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.2 15.4
 129 10.6 8.3 12.5

