

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060561.D
 Acq On : 13 Dec 2018 15:17
 Operator : VA/AP
 Sample : J6372-01
 Misc : 5.17g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FP-SOIL-1

Quant Time: Dec 14 01:44:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1363628	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1925948	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1380971	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	516493	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	434427	44.95	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	89.90%	
35) Dibromofluoromethane	6.30	113	26113	1.85	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	3.70%	
50) Toluene-d8	9.43	98	1422184	34.74	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	69.48%	
62) 4-Bromofluorobenzene	12.41	95	482848	32.96	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	65.92%	

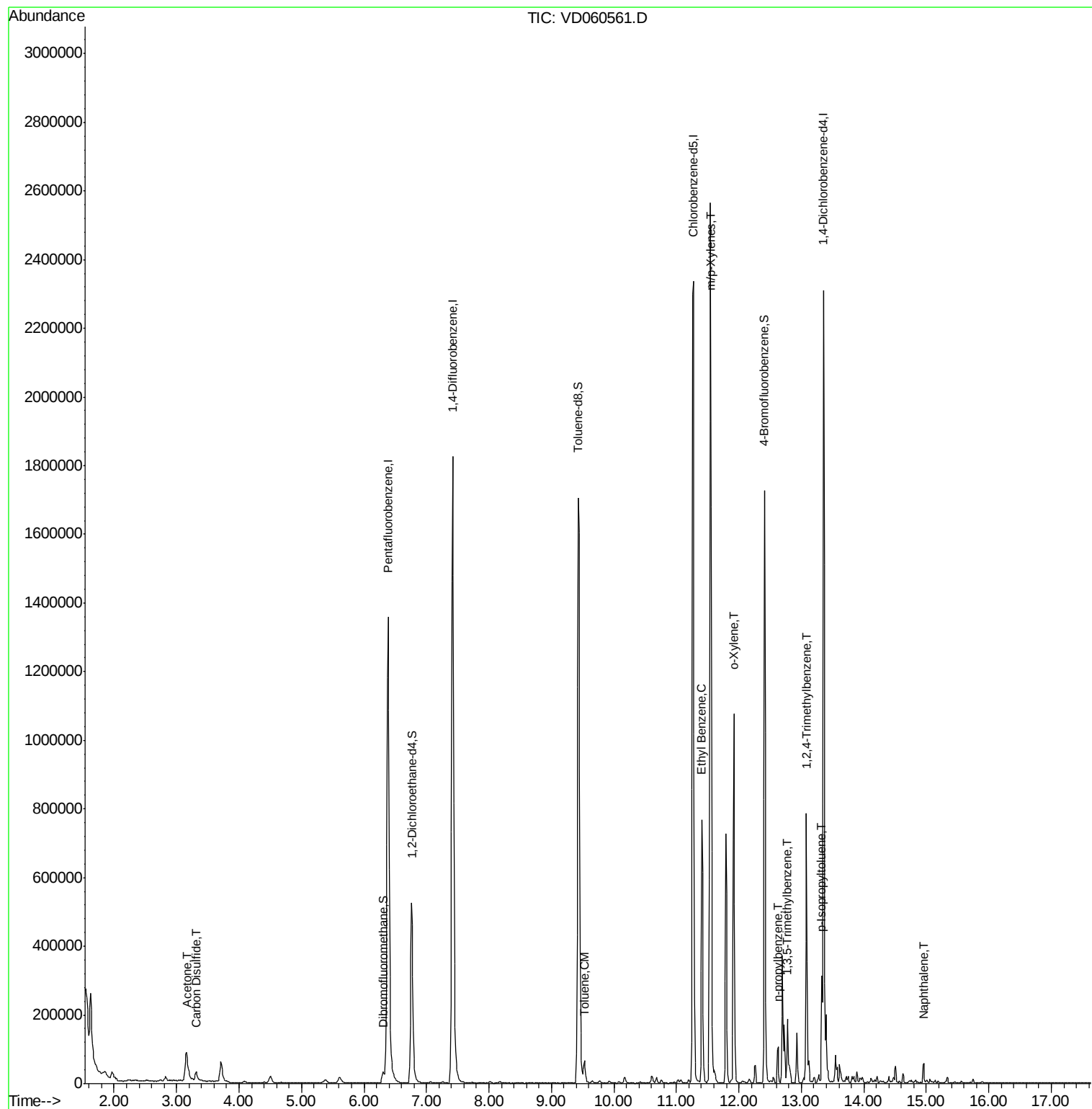
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.16	43	198876	128.367	ug/l	99
17) Carbon Disulfide	3.32	76	49769	2.248	ug/l	96
52) Toluene	9.53	92	30830	1.025	ug/l	97
67) Ethyl Benzene	11.41	91	526133	10.558	ug/l	96
68) m/p-Xylenes	11.54	106	779323	42.272	ug/l	97
69) o-Xylene	11.92	106	253903	14.451	ug/l	94
78) n-propylbenzene	12.63	91	80976	1.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.77	105	90115	3.227	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	345605	11.951	ug/l	98
86) p-Isopropyltoluene	13.33	119	137687	4.450	ug/l	97
95) Naphthalene	14.96	128	37850	2.863	ug/l	97

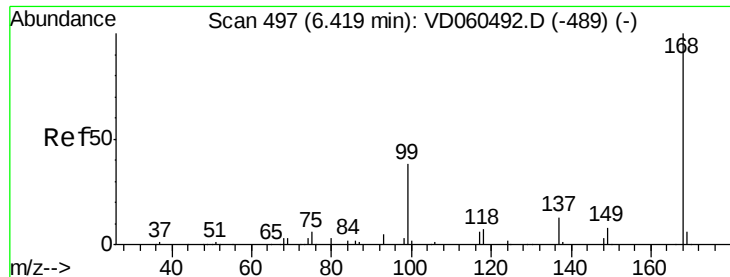
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 01:44:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

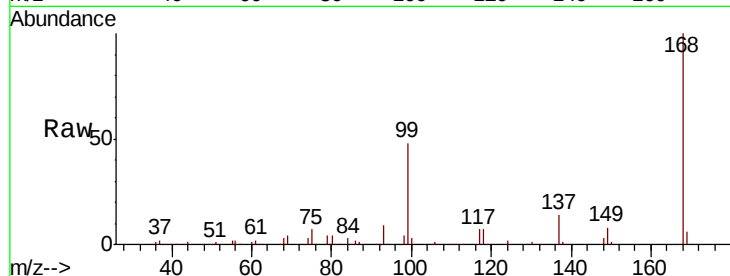
FP-SOIL-1

Tot Ion:168 Resp: 1363628

Ion Ratio Lower Upper

168 100

99 48.1 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

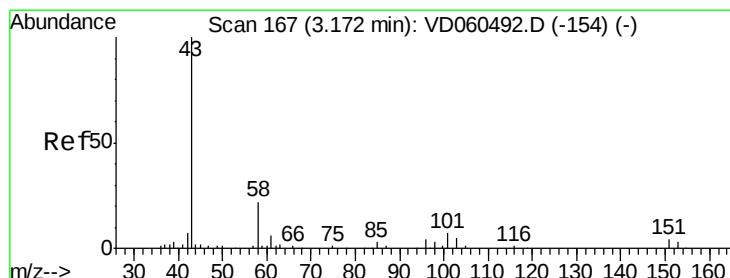
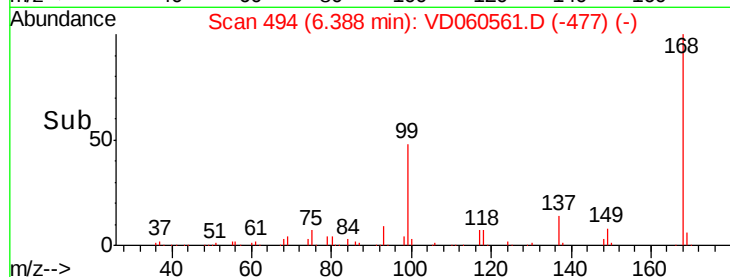
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 128.367 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060561.D

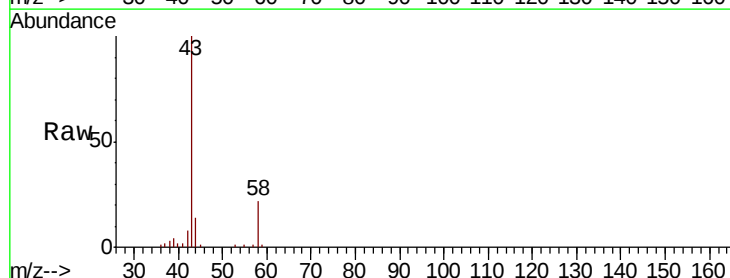
Acq: 13 Dec 2018 15:17

Tgt Ion: 43 Resp: 198876

Ion Ratio Lower Upper

43 100

58 21.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

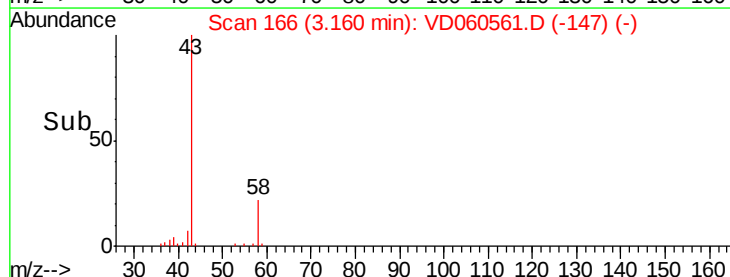
60000

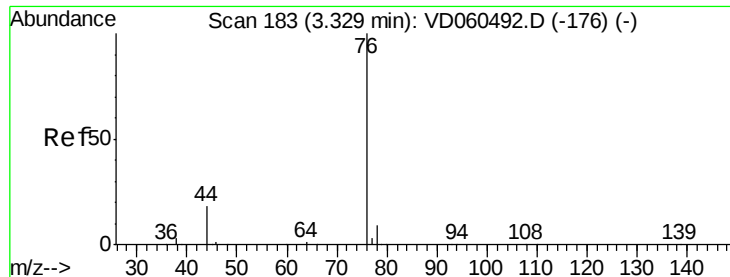
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20000

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Time-->

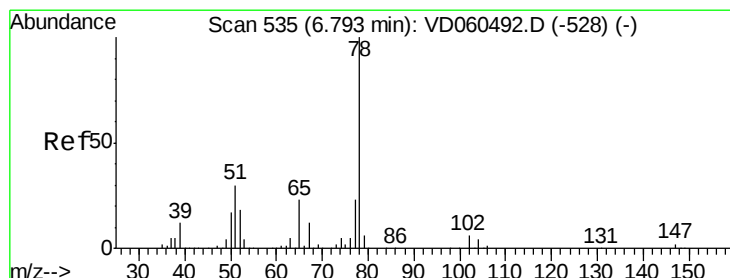
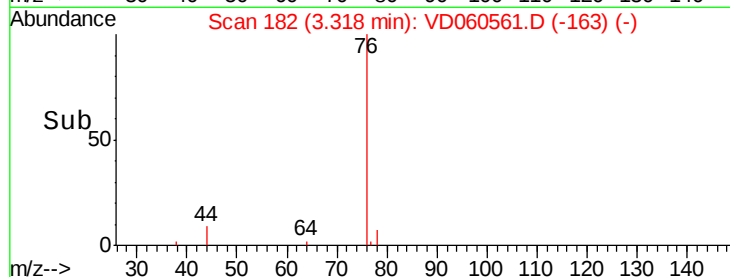
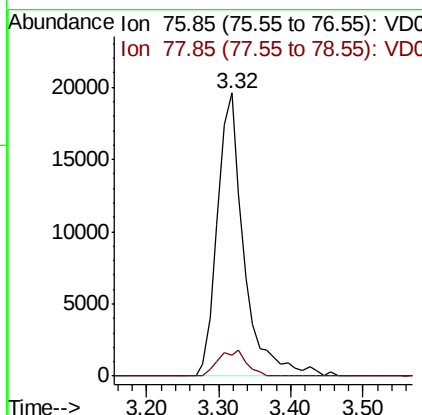
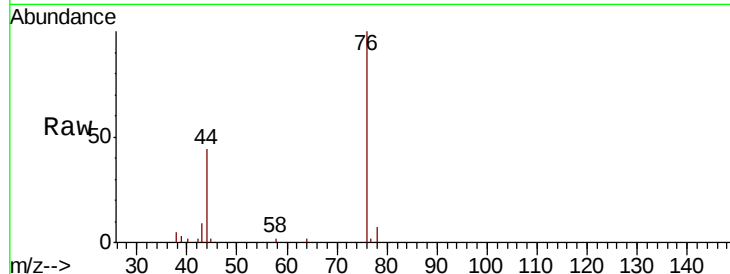




#17
Carbon Disulfide
Concen: 2.248 ug/l
RT: 3.32 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

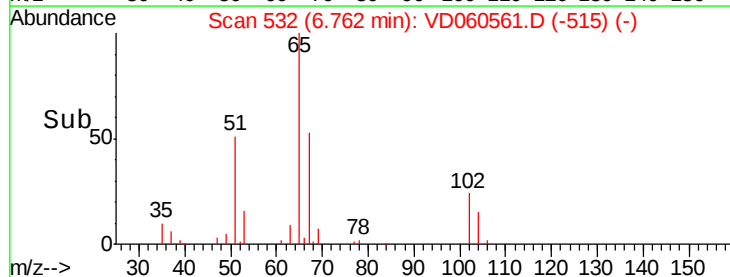
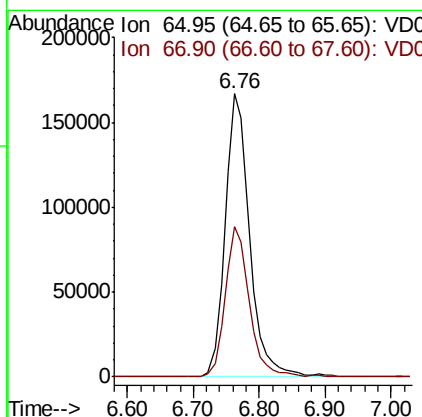
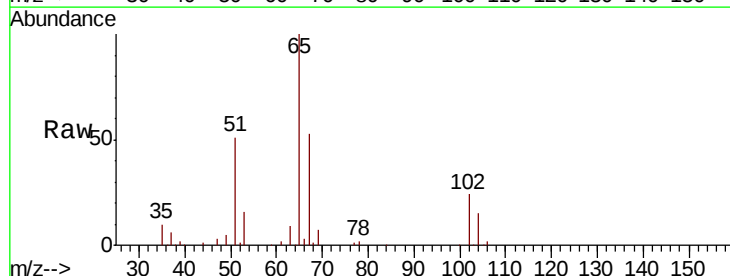
Instrument :
MSVOA_D
ClientSampled :
FP-SOIL-1

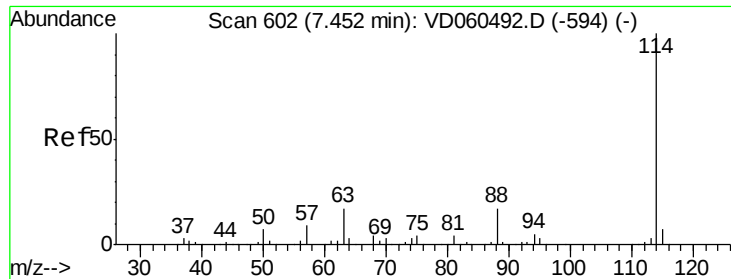
Tot Ion: 76 Resp: 49769
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.03 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

Tgt Ion: 65 Resp: 434427
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

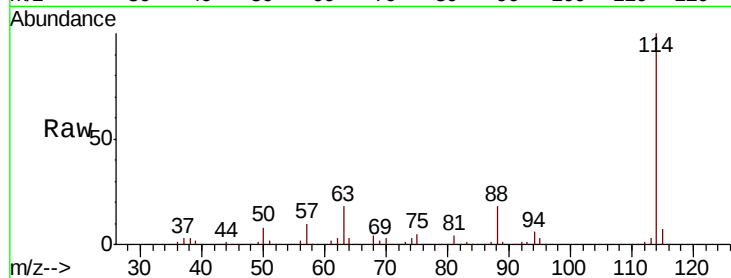




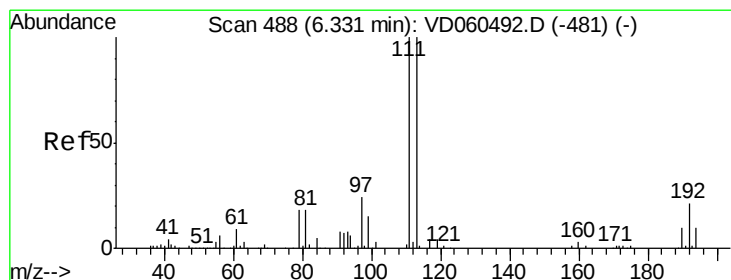
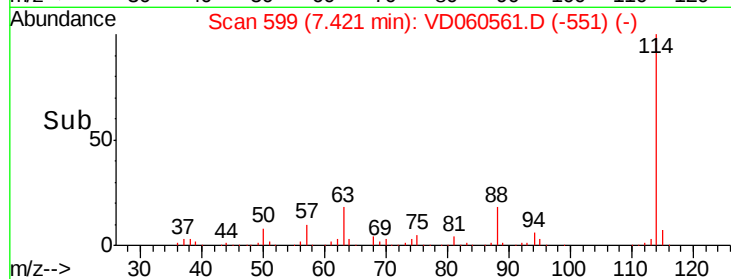
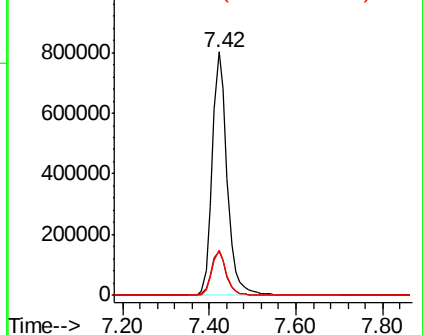
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: VD060561.D
 Acq: 13 Dec 2018 15:17

Instrument :
 MSVOA_D
 ClientSampled :
 FP-SOIL-1

Tot Ion:114 Resp: 1925948
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.2
 88 18.5 0.0 35.0

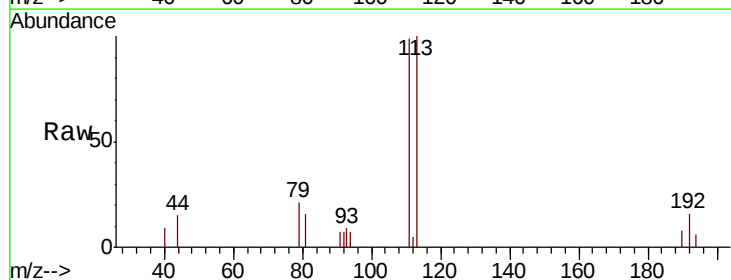


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

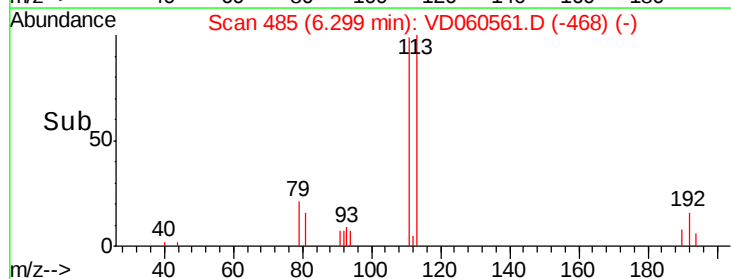
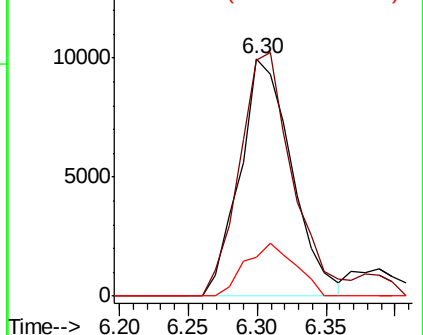


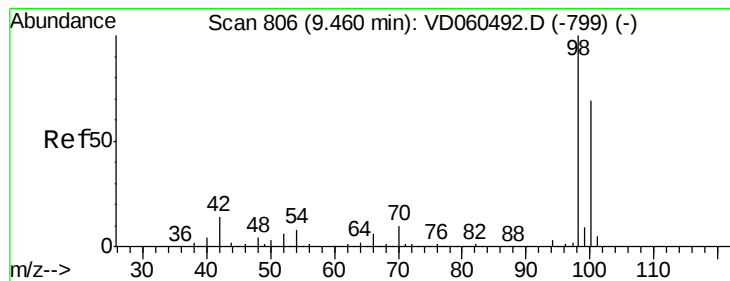
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.03 min
 Lab File: VD060561.D
 Acq: 13 Dec 2018 15:17

Tgt Ion:113 Resp: 26113
 Ion Ratio Lower Upper
 113 100
 111 99.1 80.2 120.4
 192 16.3 16.6 24.8#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 803

Delta R.T. -0.03 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

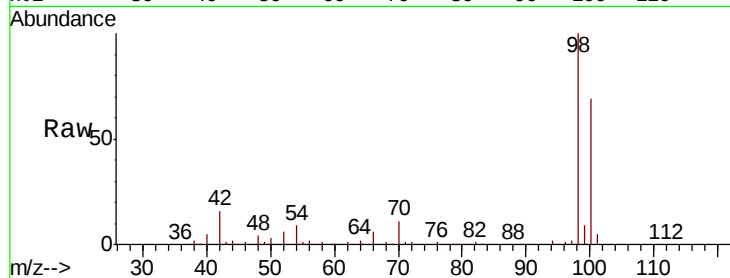
FP-SOIL-1

Tot Ion: 98 Resp: 1422184

Ion Ratio Lower Upper

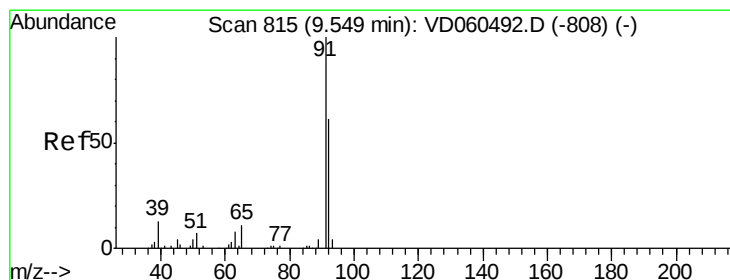
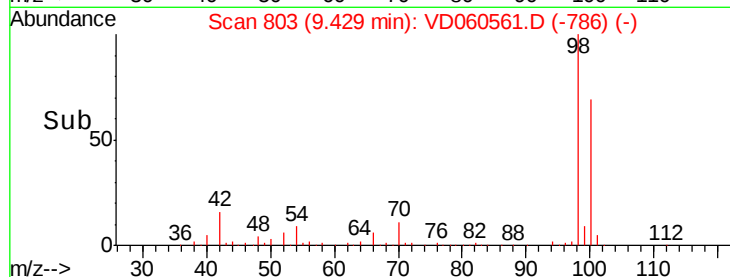
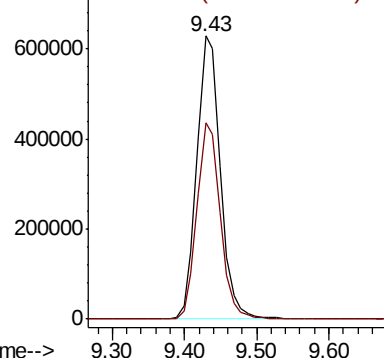
98 100

100 69.4 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.025 ug/l

RT: 9.53 min Scan# 813

Delta R.T. -0.02 min

Lab File: VD060561.D

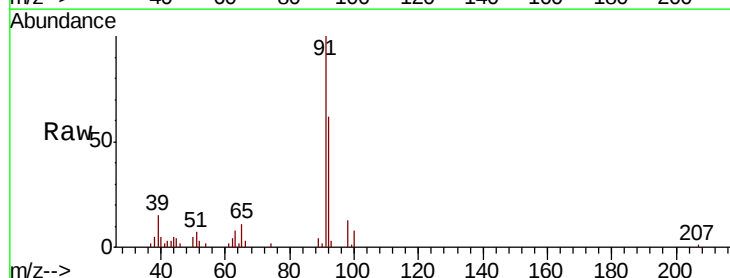
Acq: 13 Dec 2018 15:17

Tgt Ion: 92 Resp: 30830

Ion Ratio Lower Upper

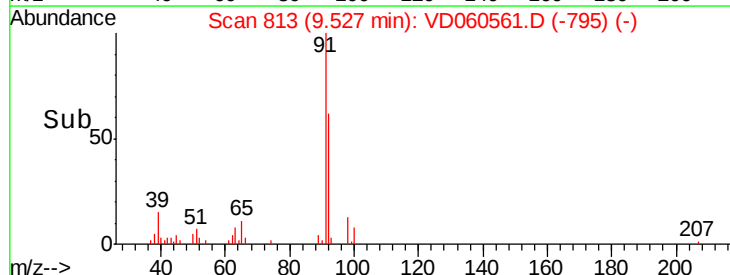
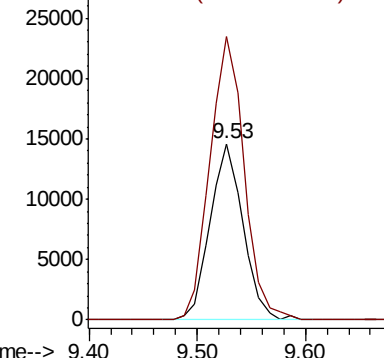
92 100

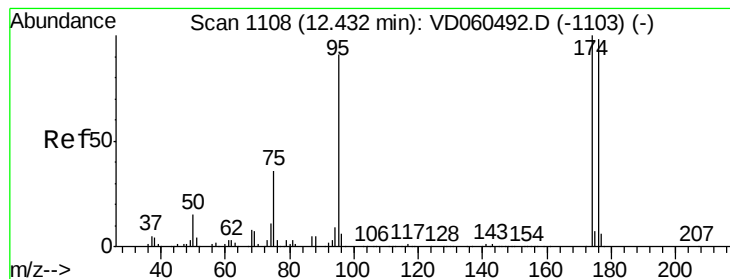
91 160.6 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

FP-SOIL-1

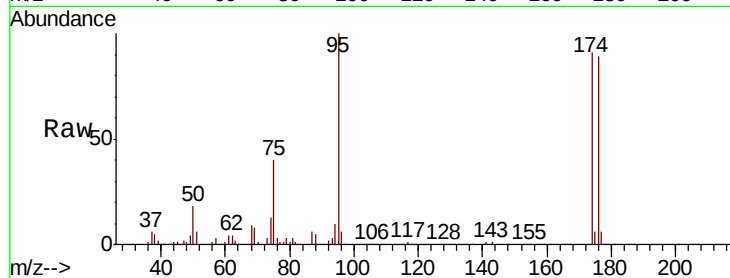
Tot Ion: 95 Resp: 482848

Ion Ratio Lower Upper

95 100

174 90.8 0.0 219.4

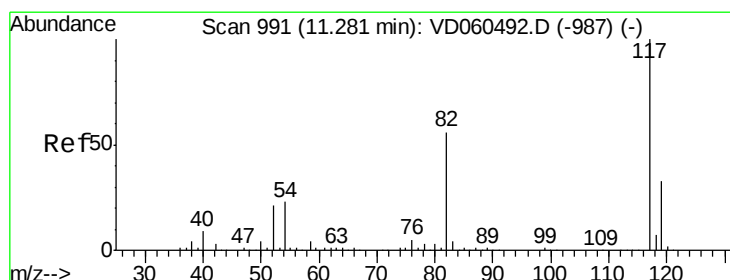
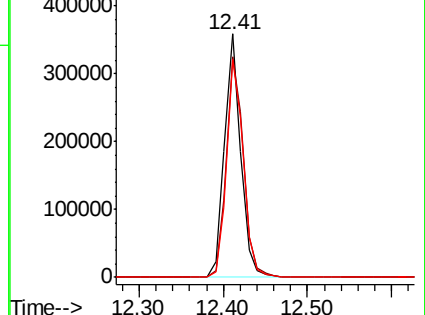
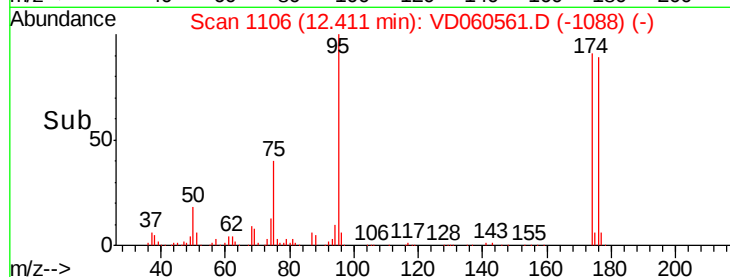
176 89.3 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

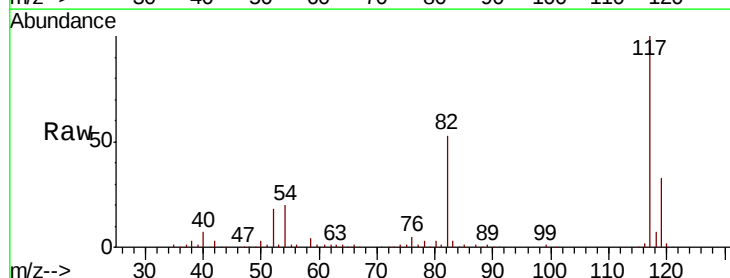
Tgt Ion: 117 Resp: 1380971

Ion Ratio Lower Upper

117 100

82 52.9 45.2 67.8

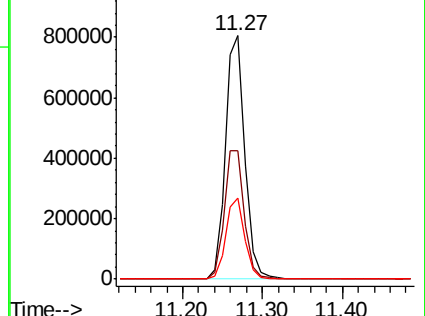
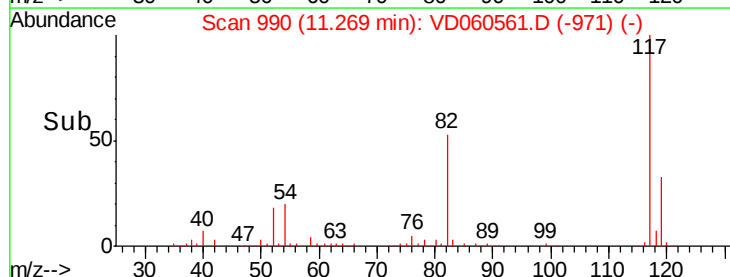
119 33.1 26.1 39.1

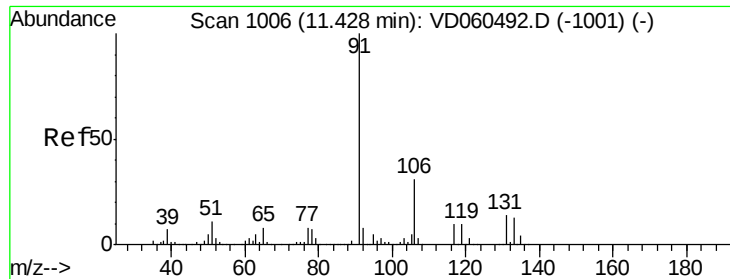


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#67

Ethyl Benzene

Concen: 10.558 ug/l

RT: 11.41 min Scan# 1004

Delta R.T. -0.02 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

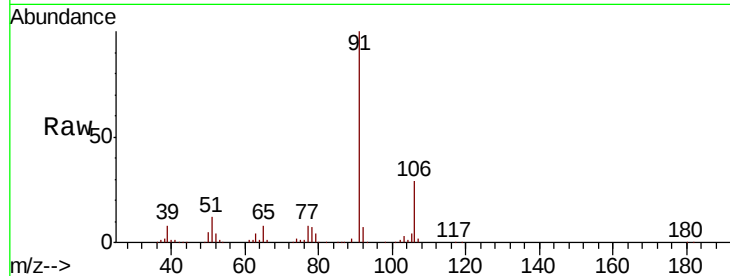
FP-SOIL-1

Tot Ion: 91 Resp: 526133

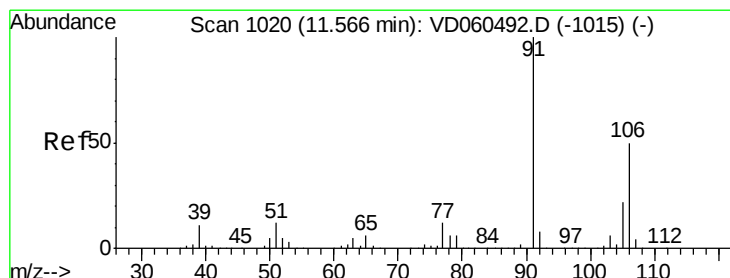
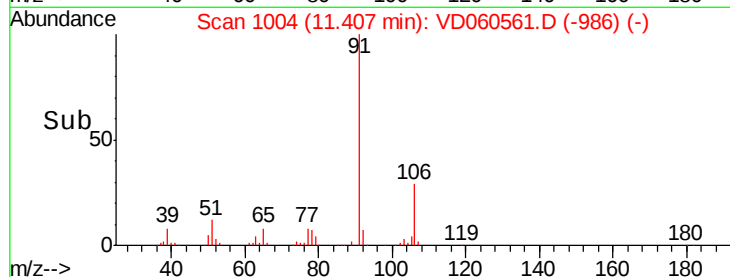
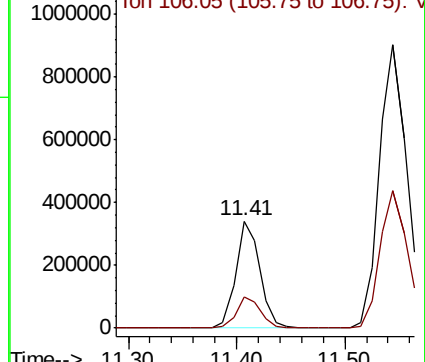
Ion Ratio Lower Upper

91 100

106 28.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 42.272 ug/l

RT: 11.54 min Scan# 1018

Delta R.T. -0.02 min

Lab File: VD060561.D

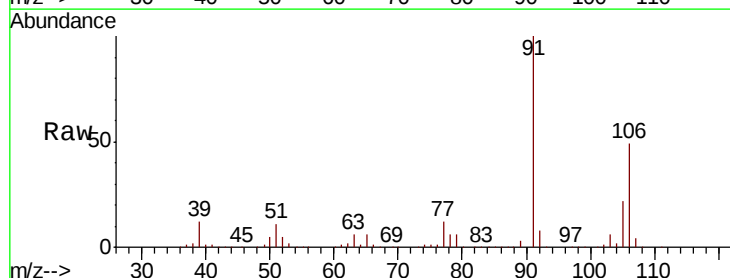
Acq: 13 Dec 2018 15:17

Tgt Ion: 106 Resp: 779323

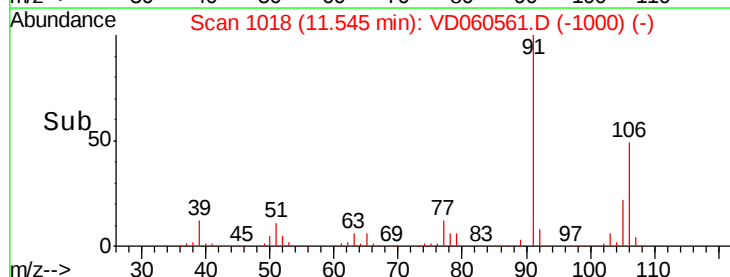
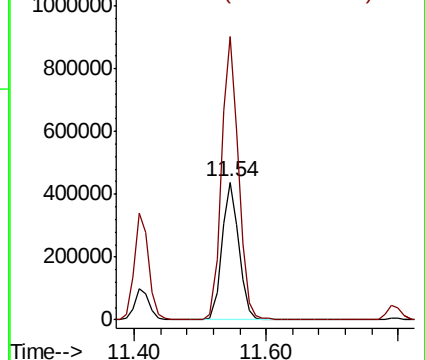
Ion Ratio Lower Upper

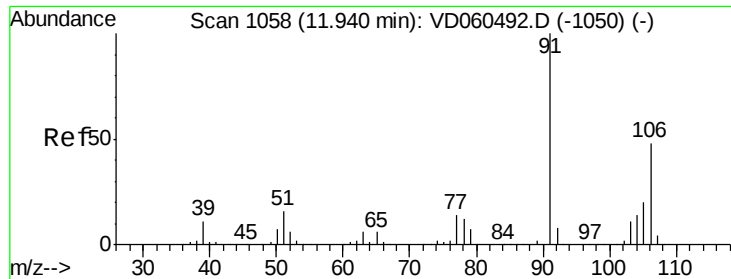
106 100

91 205.2 160.5 240.7



Abundance Ion 106.05 (105.75 to 106.75): V

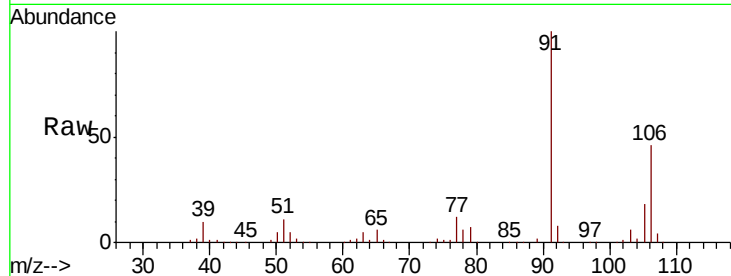




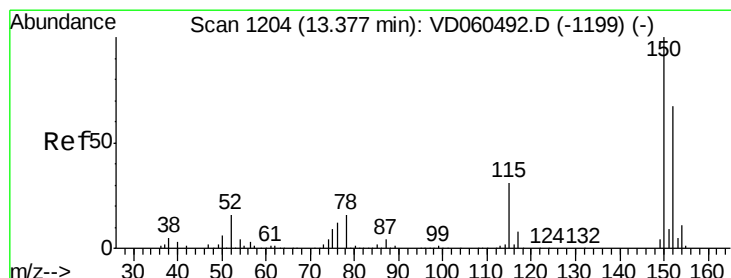
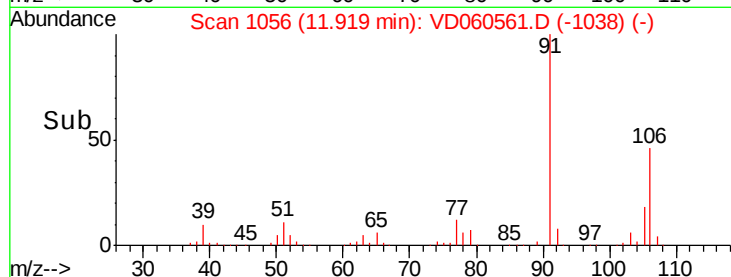
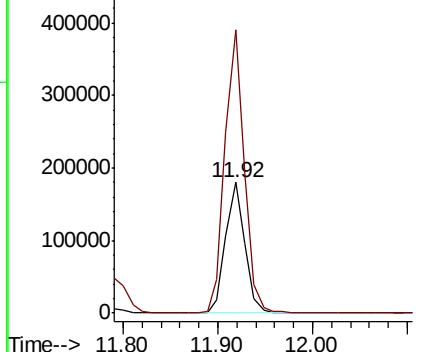
#69
o-Xylene
Concen: 14.451 ug/l
RT: 11.92 min Scan# 1056
Delta R.T. -0.02 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

Instrument :
MSVOA_D
ClientSampleId :
FP-SOIL-1

Tot Ion:106 Resp: 253903
Ion Ratio Lower Upper
106 100
91 216.0 103.4 310.1

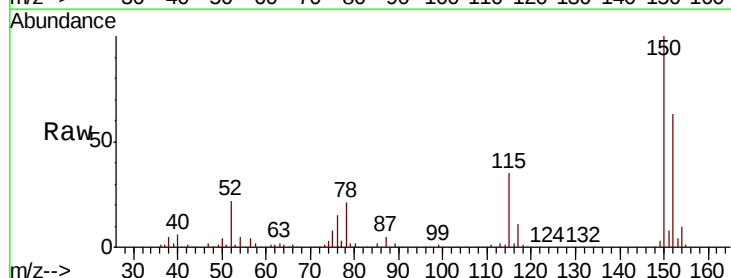


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

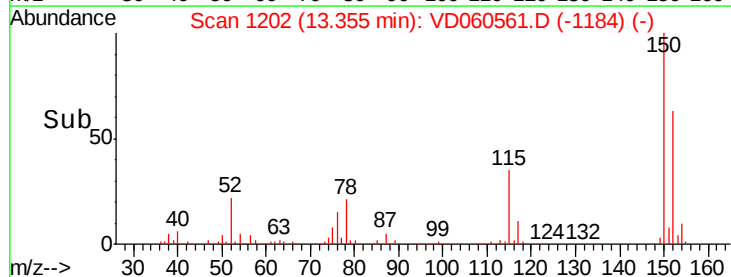
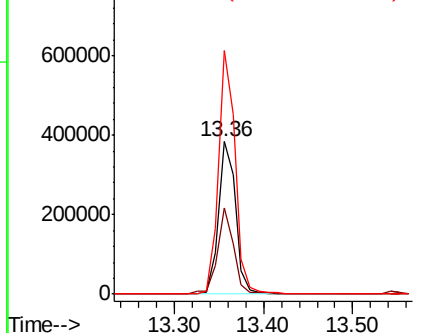


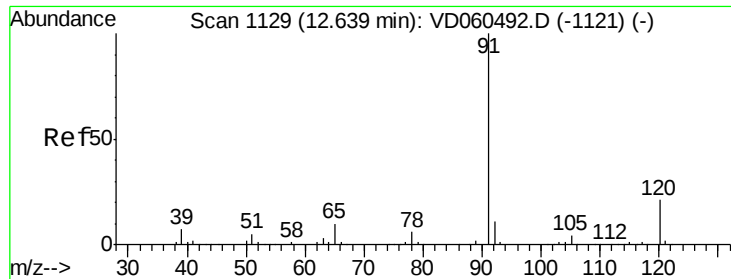
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

Tgt Ion:152 Resp: 516493
Ion Ratio Lower Upper
152 100
115 56.1 24.6 74.0
150 159.5 0.0 309.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.753 ug/l

RT: 12.63 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VD060561.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_D

ClientSampleId :

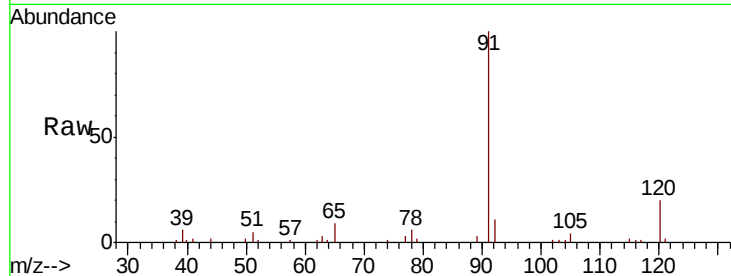
FP-SOIL-1

Tot Ion: 91 Resp: 80976

Ion Ratio Lower Upper

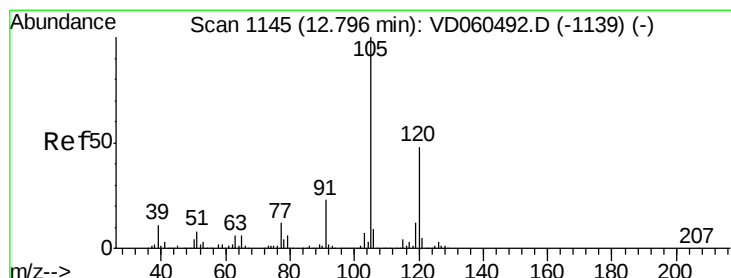
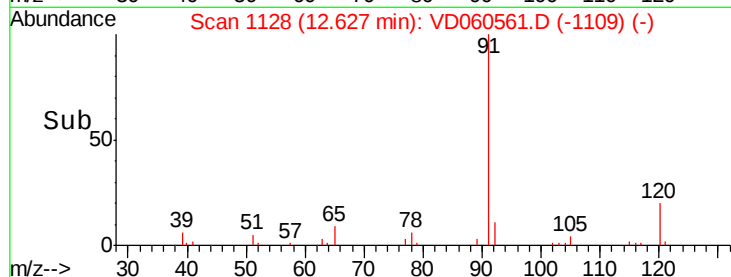
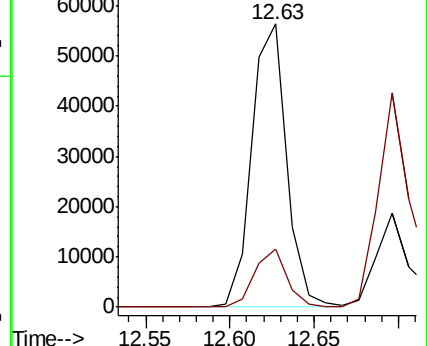
91 100

120 20.4 10.4 31.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#80

1,3,5-Trimethylbenzene

Concen: 3.227 ug/l

RT: 12.77 min Scan# 1143

Delta R.T. -0.02 min

Lab File: VD060561.D

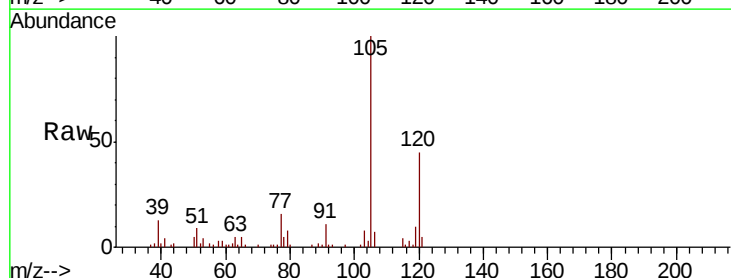
Acq: 13 Dec 2018 15:17

Tgt Ion:105 Resp: 90115

Ion Ratio Lower Upper

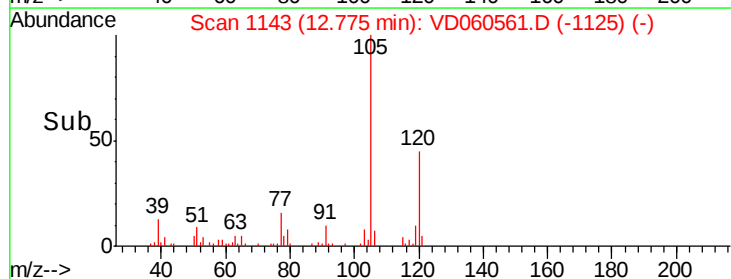
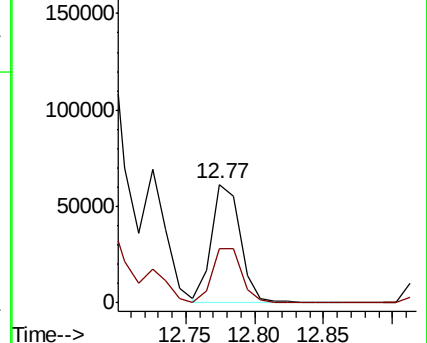
105 100

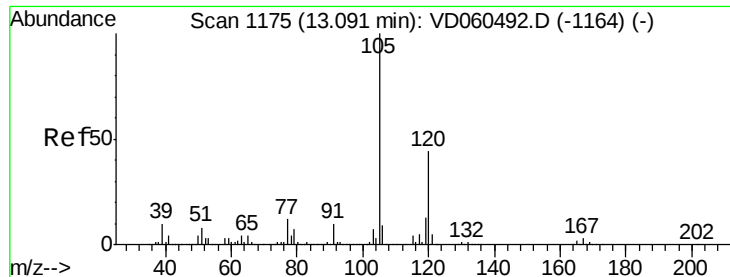
120 45.4 24.2 72.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

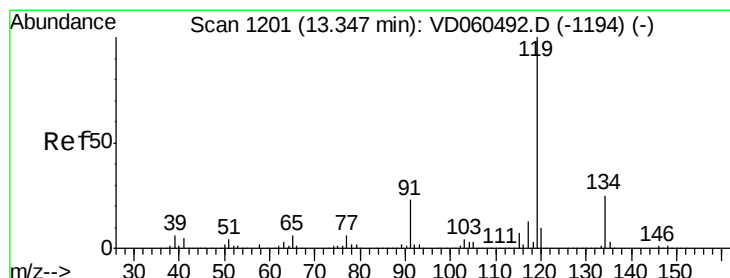
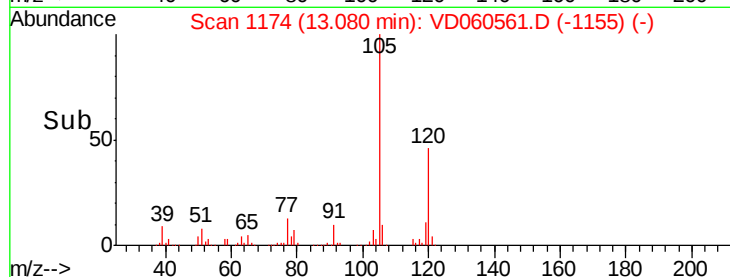
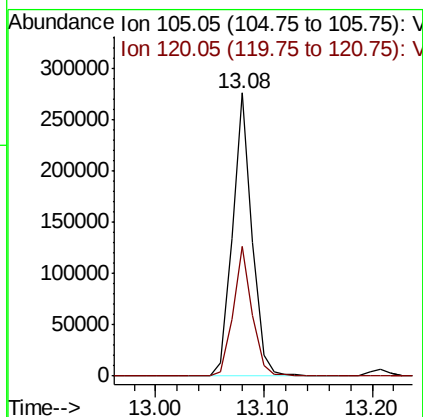
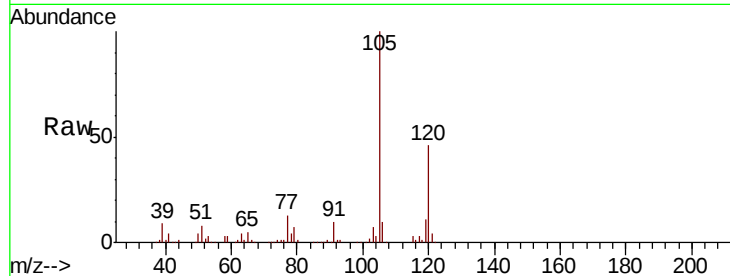




#84
1,2,4-Trimethylbenzene
Concen: 11.951 ug/l
RT: 13.08 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

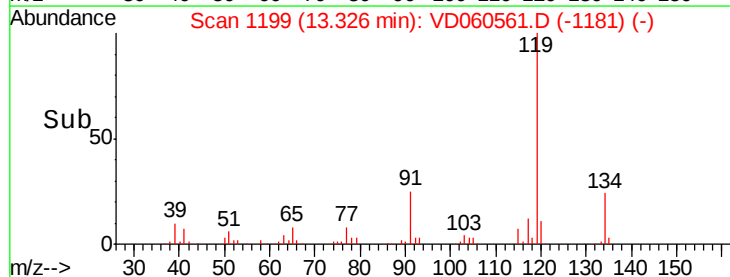
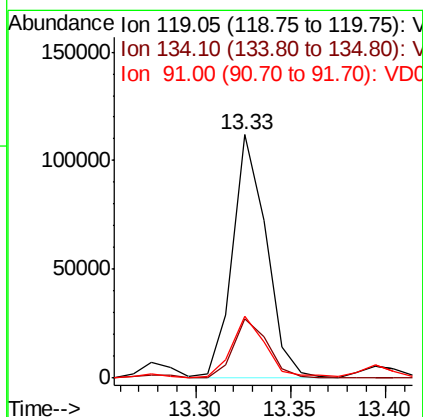
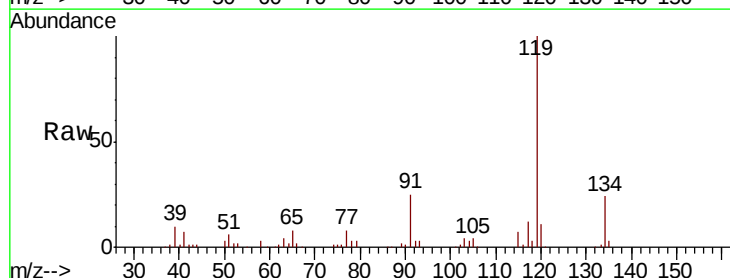
Instrument :
MSVOA_D
ClientSampleId :
FP-SOIL-1

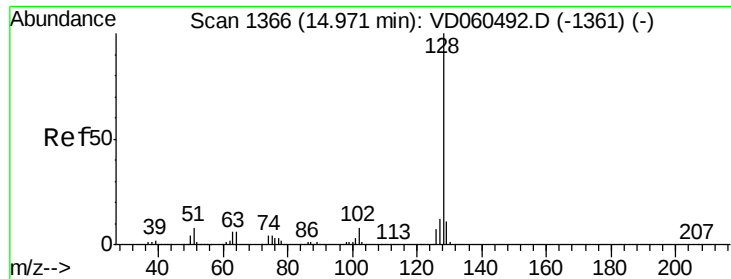
Tot Ion:105 Resp: 345605
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8



#86
p-Isopropyltoluene
Concen: 4.450 ug/l
RT: 13.33 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

Tgt Ion:119 Resp: 137687
Ion Ratio Lower Upper
119 100
134 24.3 12.5 37.5
91 25.4 11.5 34.4





#95
Naphthalene
Concen: 2.863 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD060561.D
Acq: 13 Dec 2018 15:17

Instrument :
MSVOA_D
ClientSampleId :
FP-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.2	9.8	14.8
129	9.4	8.6	13.0

