

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006500.D
 Acq On : 13 Dec 2018 17:31
 Operator : JC/MD
 Sample : J6372-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FP-SOIL-1

Quant Time: Dec 14 01:03:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

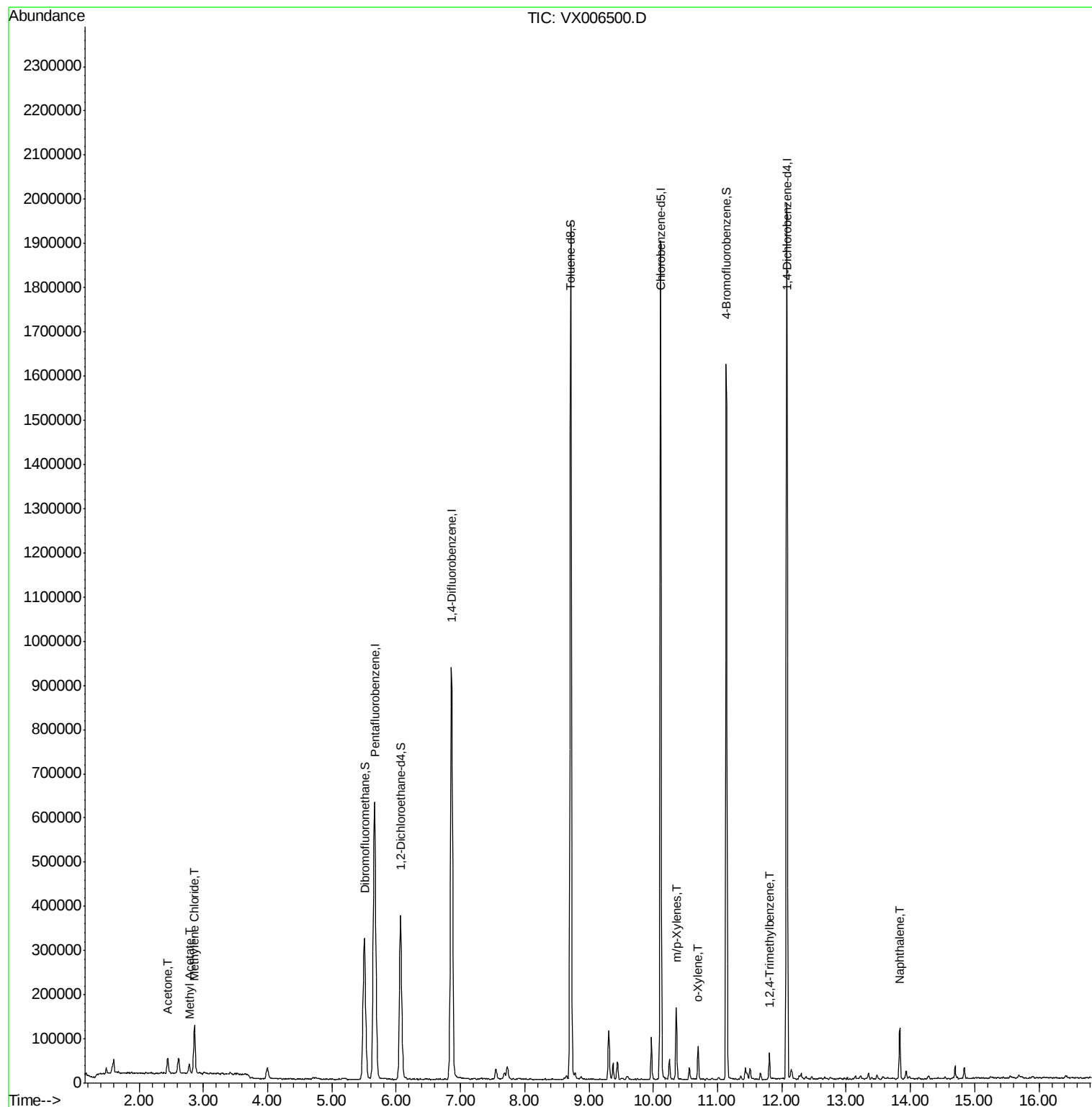
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	633035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	921848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	428776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	346693	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
35) Dibromofluoromethane	5.50	113	274377	41.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.74%	
50) Toluene-d8	8.71	98	1198187	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	437210	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
Target Compounds						
16) Acetone	2.45	43	38121	12.570	ug/l	97
18) Methyl Acetate	2.78	43	25205	2.485	ug/l #	87
20) Methylene Chloride	2.86	84	50340	7.799	ug/l	96
68) m/p-Xylenes	10.36	106	41504	3.183	ug/l	94
69) o-Xylene	10.69	106	18135	1.408	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	26112	1.026	ug/l	98
95) Naphthalene	13.83	128	76454	2.322	ug/l	99

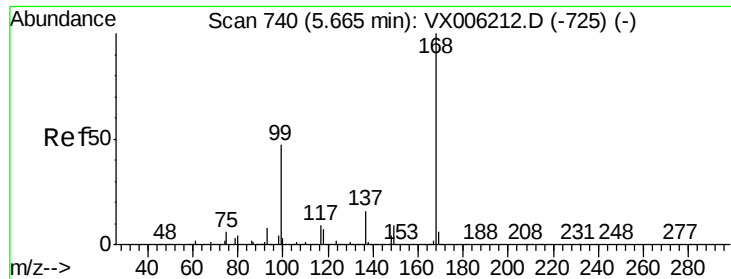
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121318\
Data File : VX006500.D
Acq On : 13 Dec 2018 17:31
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Sample : J6372-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FP-SOIL-1

Quant Time: Dec 14 01:03:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

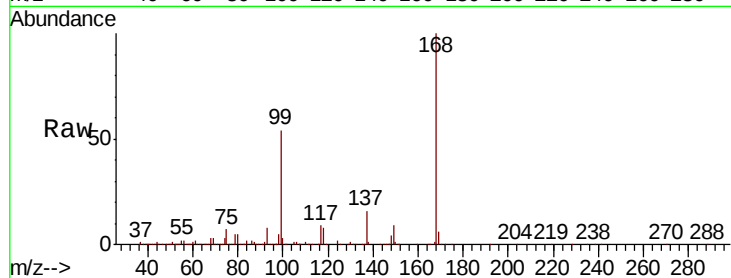
FP-SOIL-1

Tot Ion:168 Resp: 633035

Ion Ratio Lower Upper

168 100

99 53.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

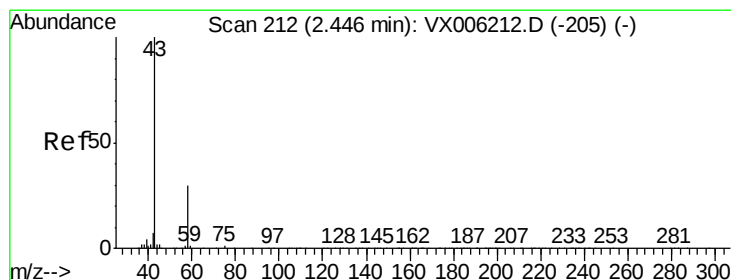
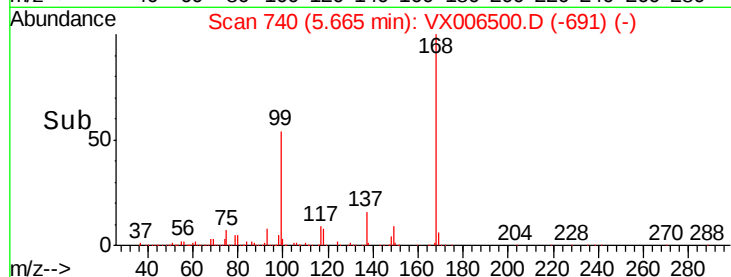
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.570 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006500.D

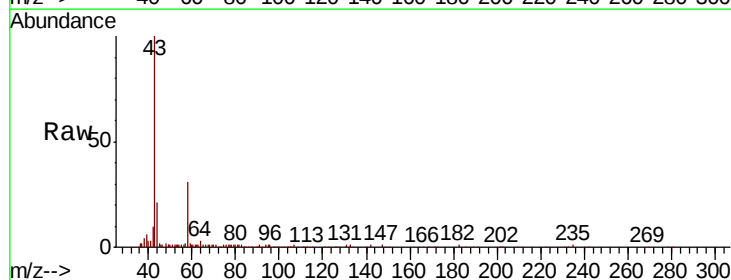
Acq: 13 Dec 2018 17:31

Tgt Ion: 43 Resp: 38121

Ion Ratio Lower Upper

43 100

58 31.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

15000

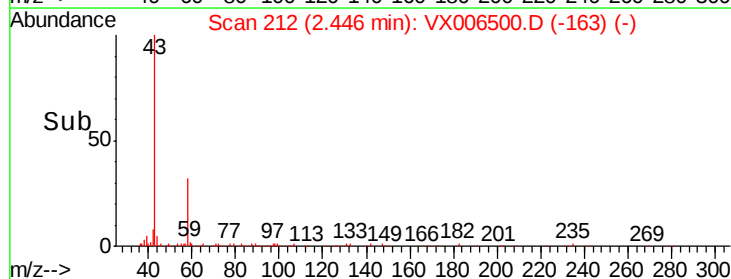
10000

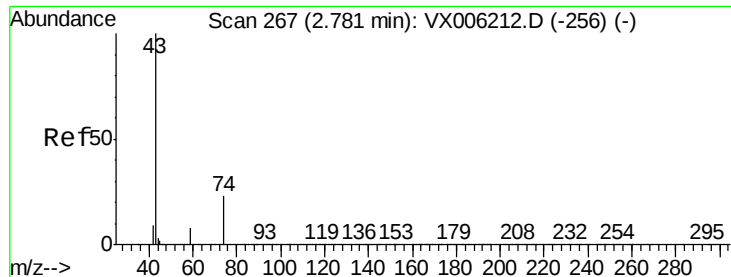
5000

0

Time-->

2.40 2.50 2.60

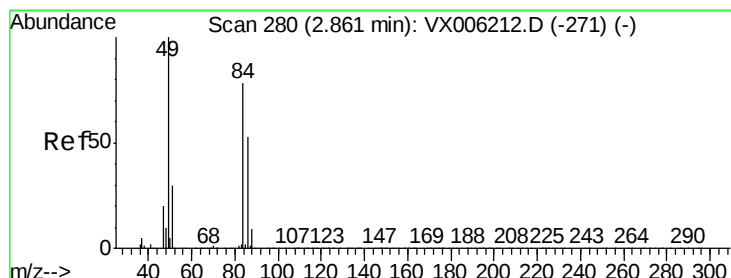
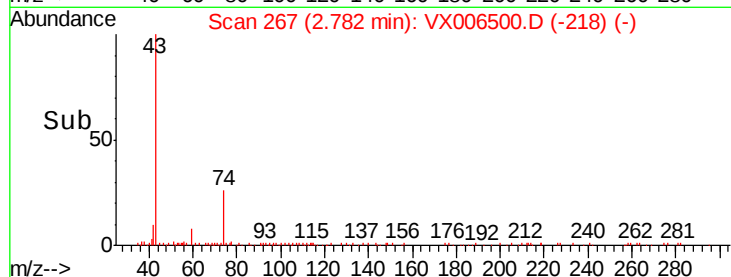
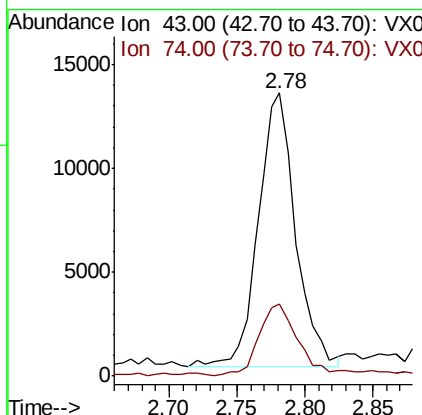
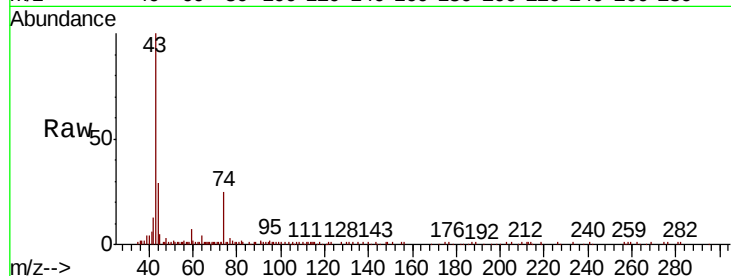




#18
Methvl Acetate
Concen: 2.485 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

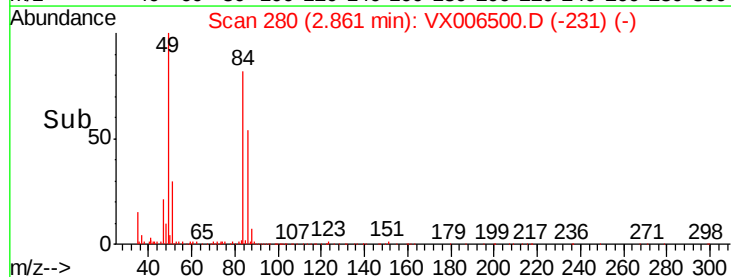
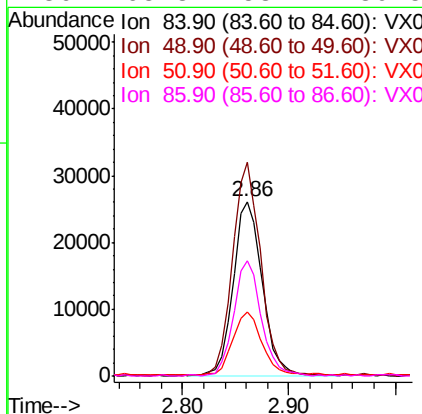
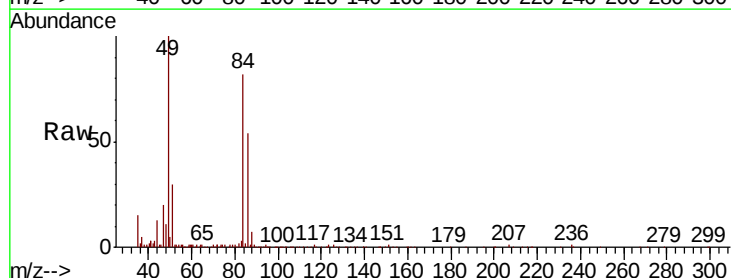
Instrument :
MSVOA_X
ClientSampleId :
FP-SOIL-1

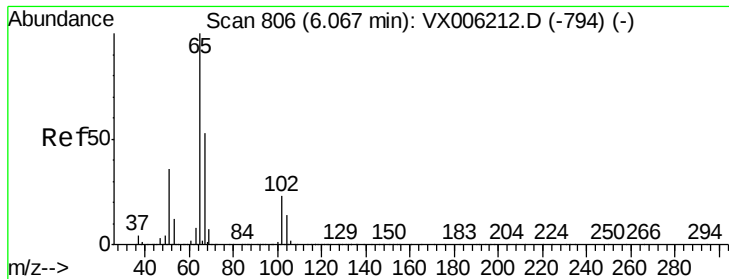
Tot Ion: 43 Resp: 25205
Ion Ratio Lower Upper
43 100
74 28.7 17.9 26.9#



#20
Methylene Chloride
Concen: 7.799 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

Tgt Ion: 84 Resp: 50340
Ion Ratio Lower Upper
84 100
49 122.0 102.2 153.4
51 35.9 31.1 46.7
86 65.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.649 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

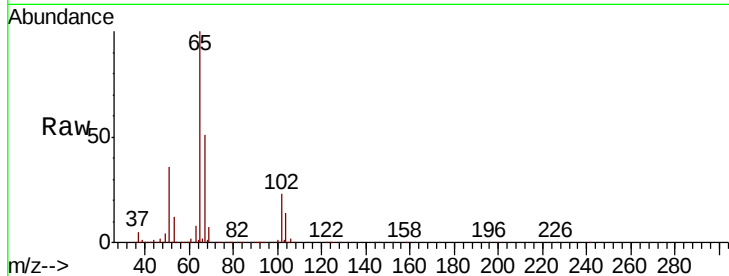
FP-SOIL-1

Tot Ion: 65 Resp: 346693

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

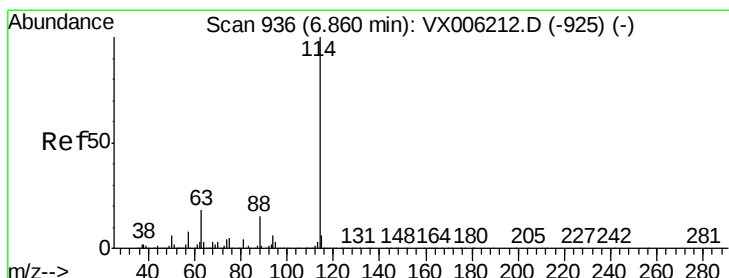
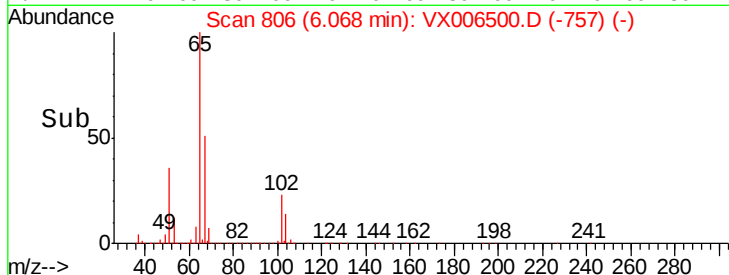
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

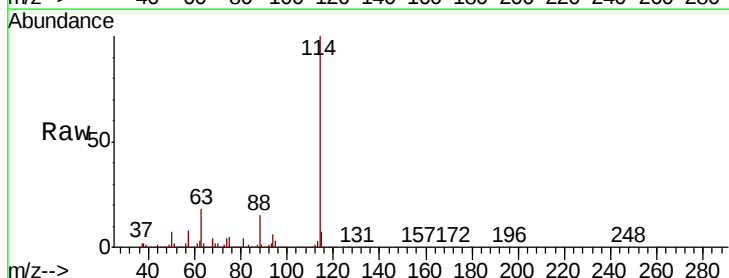
Tgt Ion: 114 Resp: 1012095

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 15.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

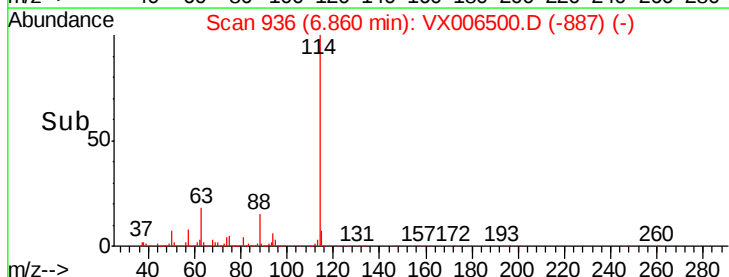
300000

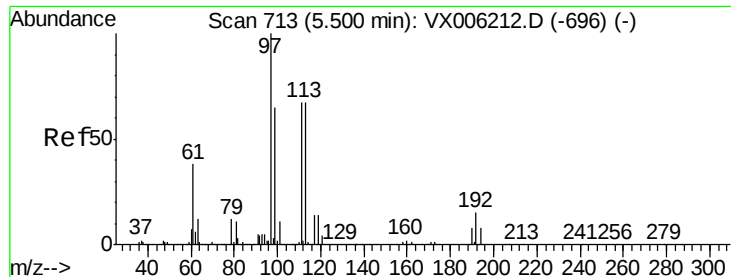
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 41.871 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

FP-SOIL-1

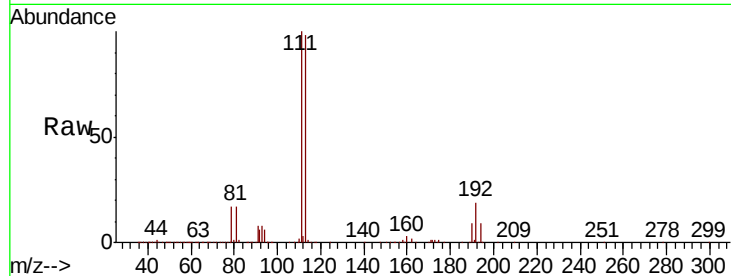
Tot Ion:113 Resp: 274377

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

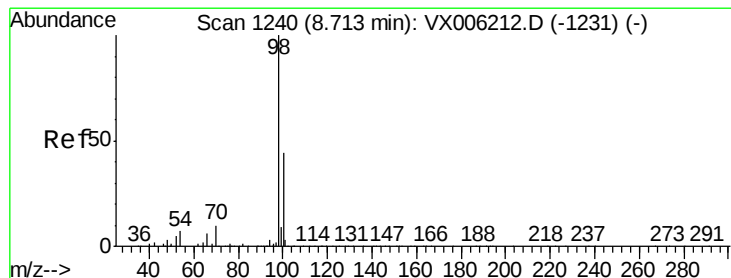
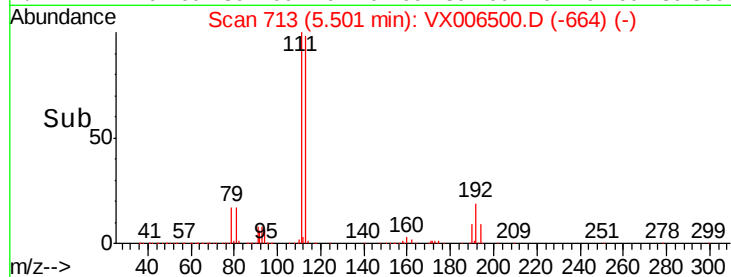
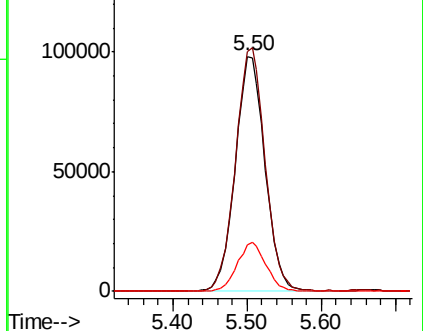
192 20.3 18.2 27.2



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



#50

Toluene-d8

Concen: 50.269 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006500.D

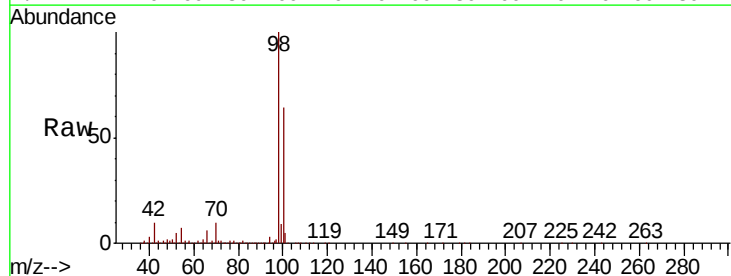
Acq: 13 Dec 2018 17:31

Tgt Ion: 98 Resp: 1198187

Ion Ratio Lower Upper

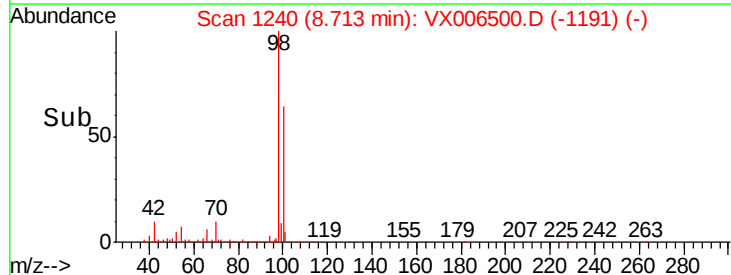
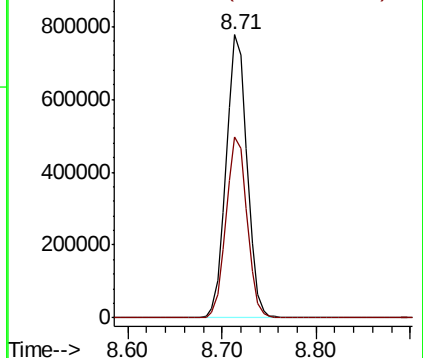
98 100

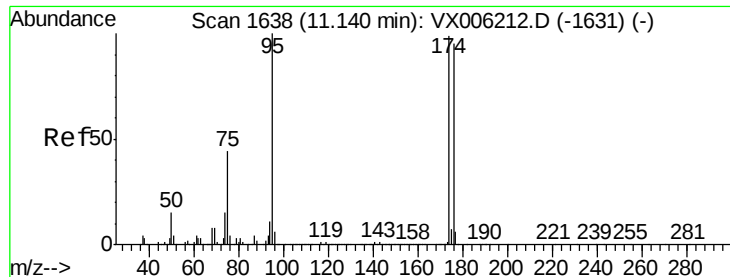
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.676 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

FP-SOIL-1

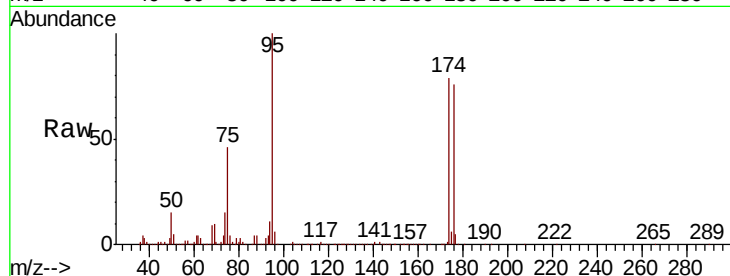
Tot Ion: 95 Resp: 437210

Ion Ratio Lower Upper

95 100

174 84.6 0.0 187.0

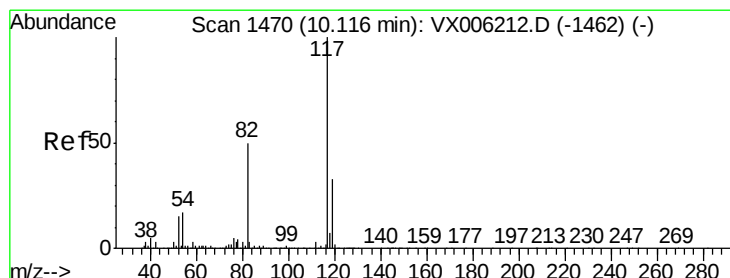
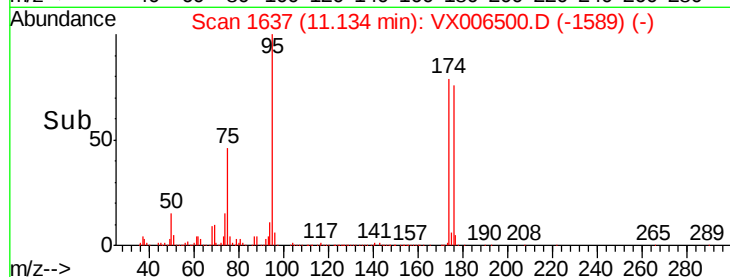
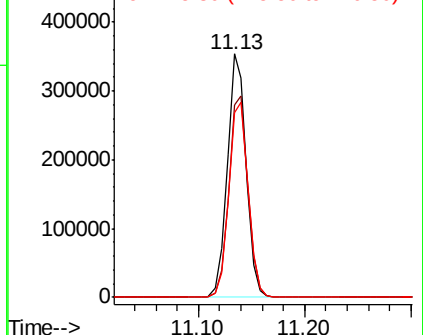
176 82.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006500.D

Acq: 13 Dec 2018 17:31

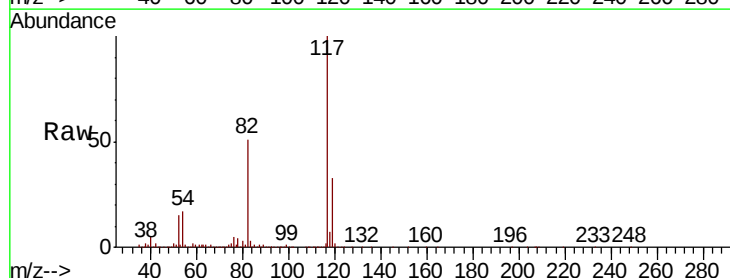
Tgt Ion: 117 Resp: 921848

Ion Ratio Lower Upper

117 100

82 51.3 39.6 59.4

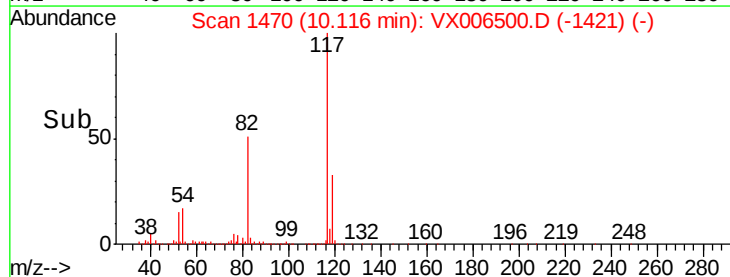
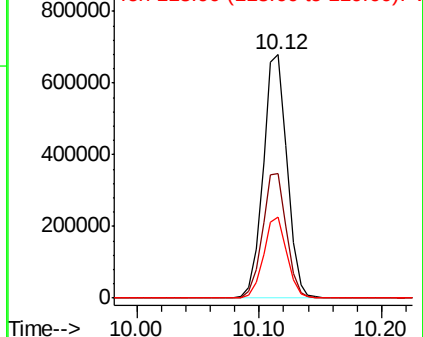
119 33.3 26.3 39.5

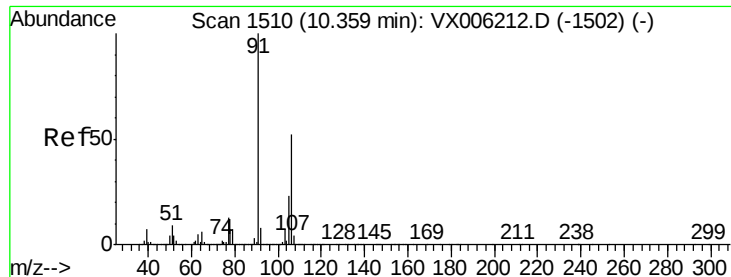


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

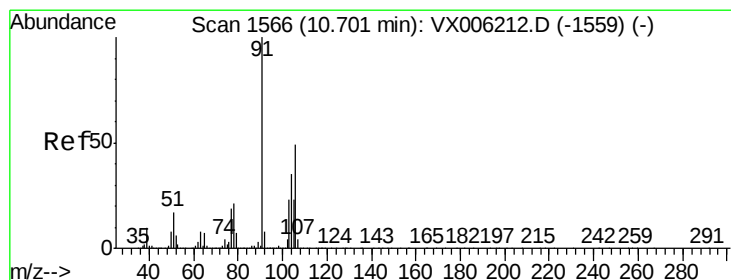
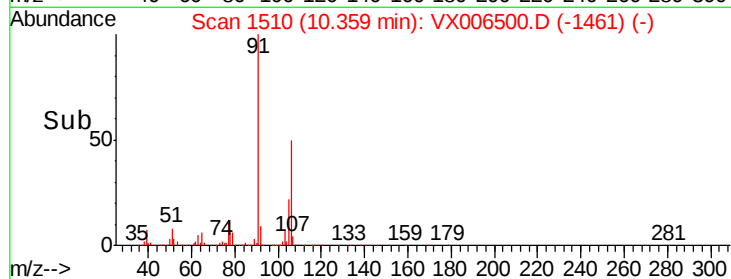
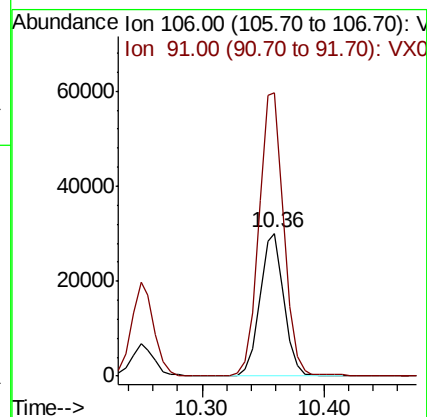
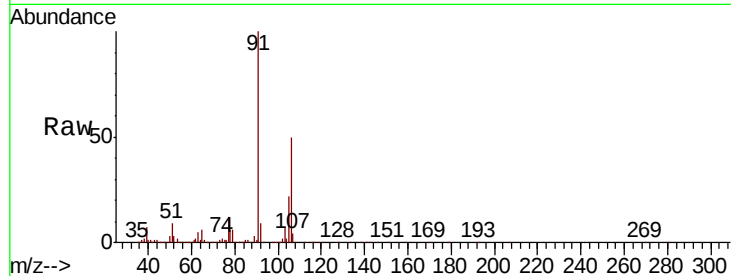




#68
m/p-Xylenes
Concen: 3.183 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

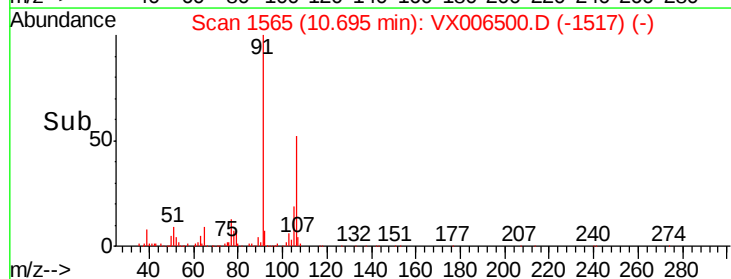
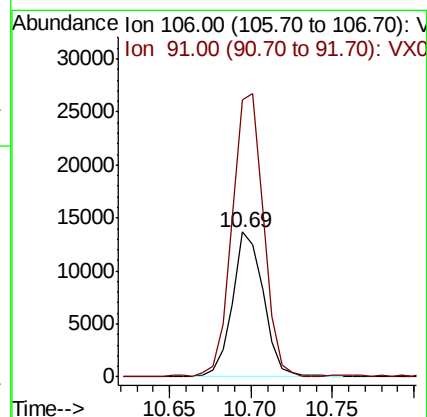
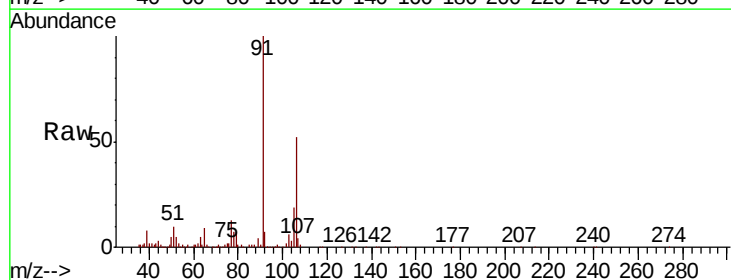
Instrument :
MSVOA_X
ClientSampleId :
FP-SOIL-1

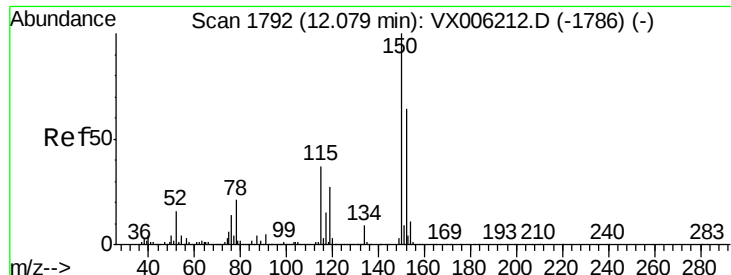
Tot Ion:106 Resp: 41504
Ion Ratio Lower Upper
106 100
91 203.5 155.2 232.8



#69
o-Xylene
Concen: 1.408 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

Tgt Ion:106 Resp: 18135
Ion Ratio Lower Upper
106 100
91 197.7 101.8 305.6



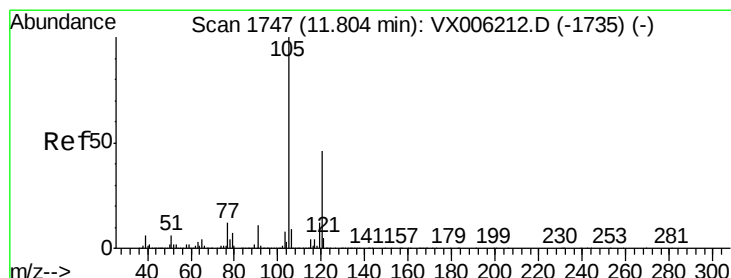
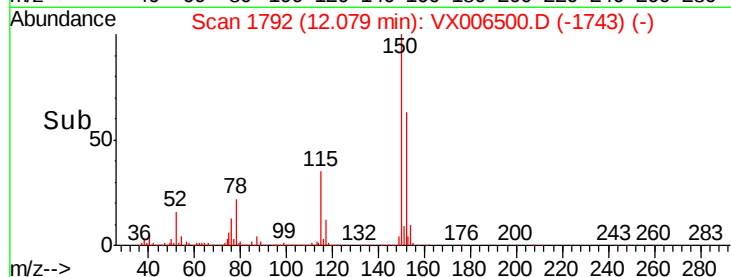
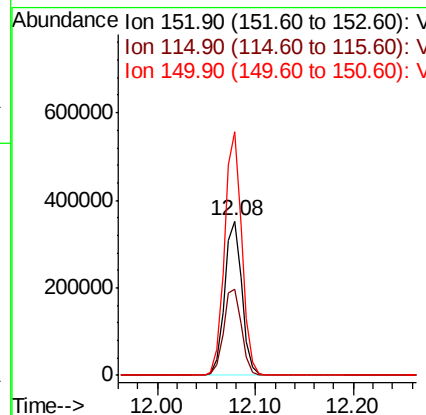
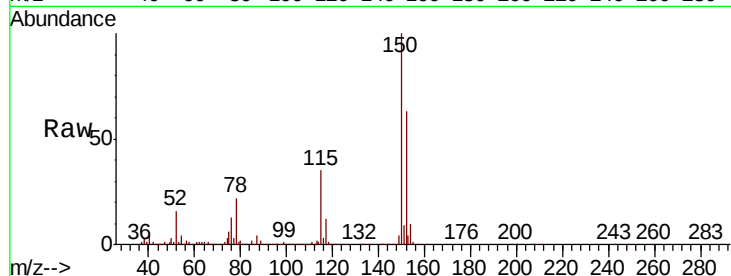


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
FP-SOIL-1

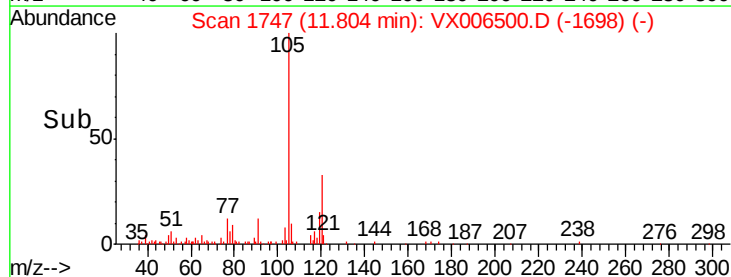
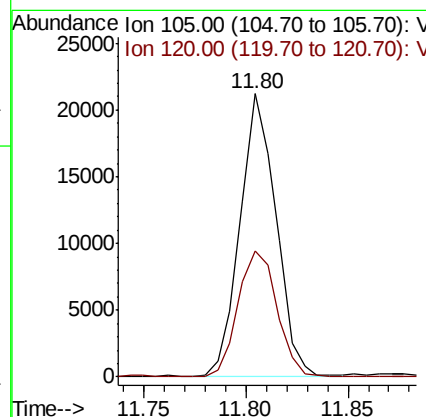
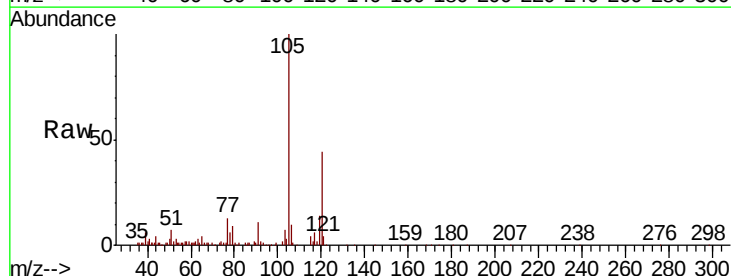
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	39.0	116.9
150	157.7	0.0	345.8

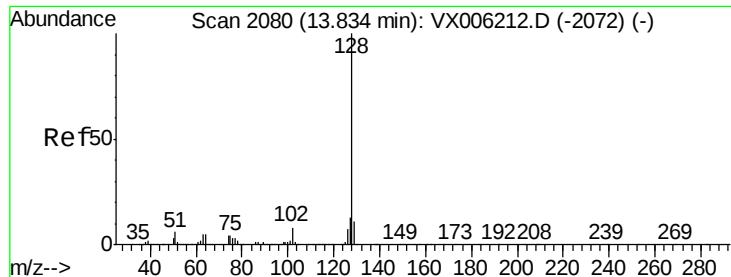


#84

1,2,4-Trimethylbenzene
Concen: 1.026 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006500.D
Acq: 13 Dec 2018 17:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.4	70.0





#95
 Naphthalene
 Concen: 2.322 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006500.D
 Acq: 13 Dec 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 FP-SOIL-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.5	8.9	13.3

