

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000365.D
 Acq On : 20 Mar 2018 17:37
 Operator : JC/MD
 Sample : J1975-07 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FS-SOIL

Quant Time: Mar 21 05:04:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

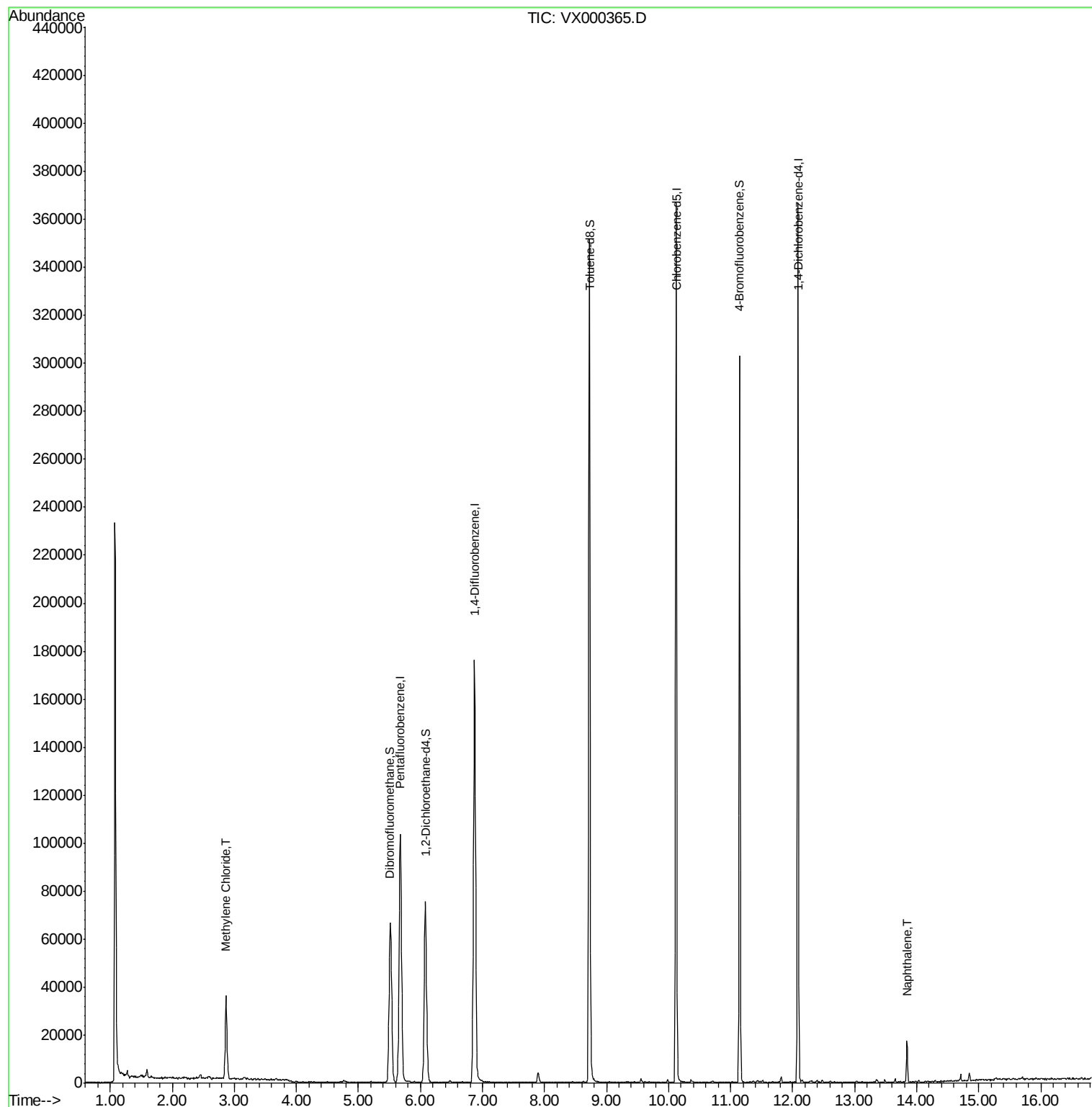
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	99593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	68677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70575	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	5.51	113	54083	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.73	98	211538	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.15	95	66401	36.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.58%	
Target Compounds						
20) Methylene Chloride	2.86	84	15315	12.26	ug/l	99
95) Naphthalene	13.84	128	9849	1.76	ug/l	99

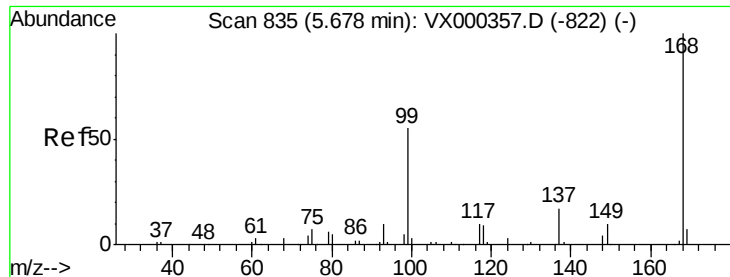
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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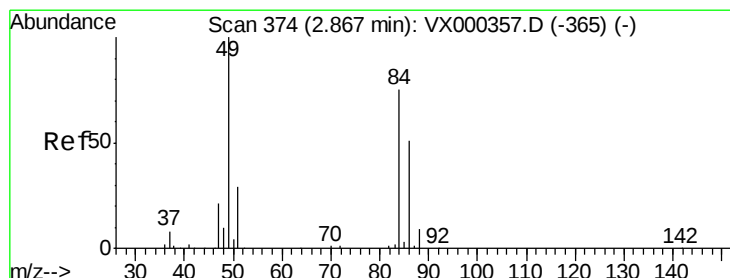
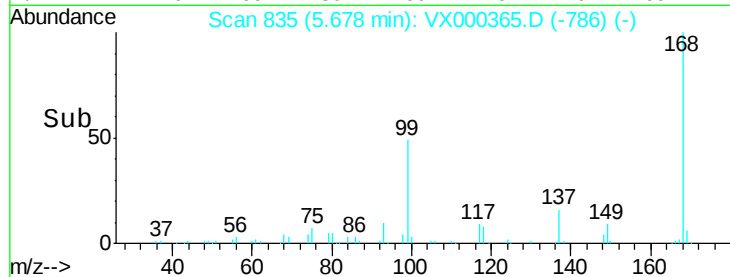
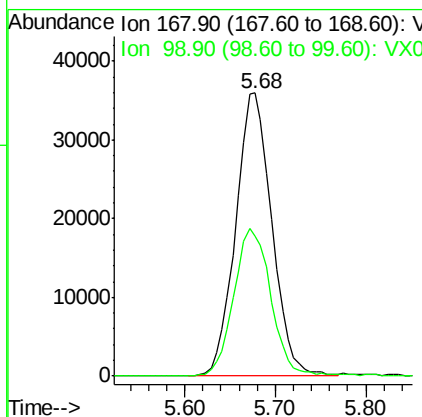
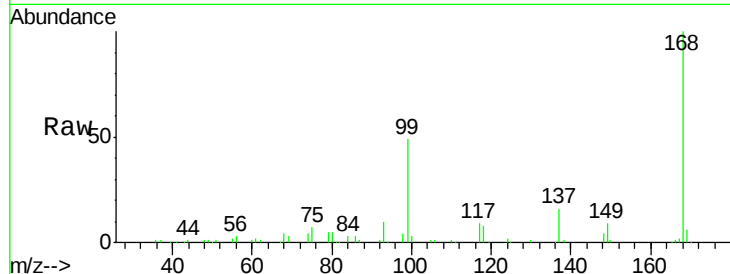




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000365.D
Acq: 20 Mar 2018 17:37

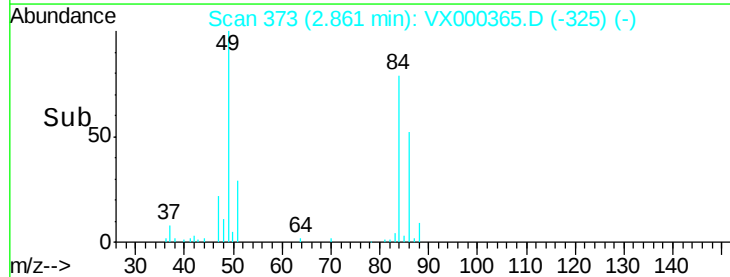
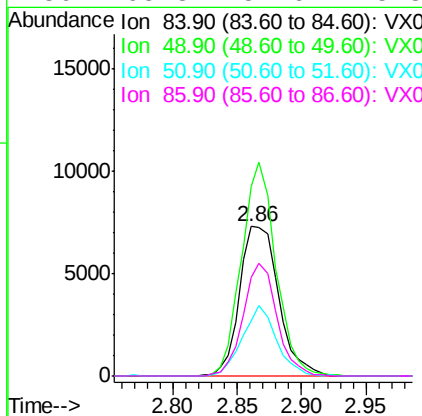
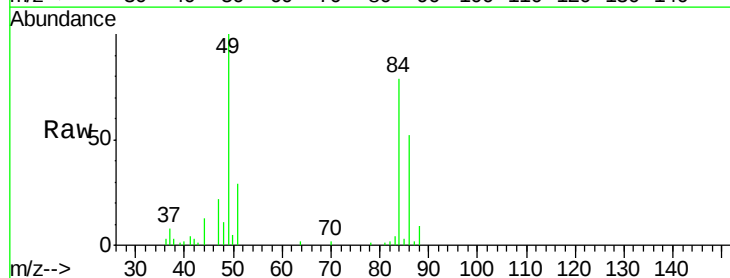
Instrument :
MSVOA_X
ClientSampled :
FS-SOIL

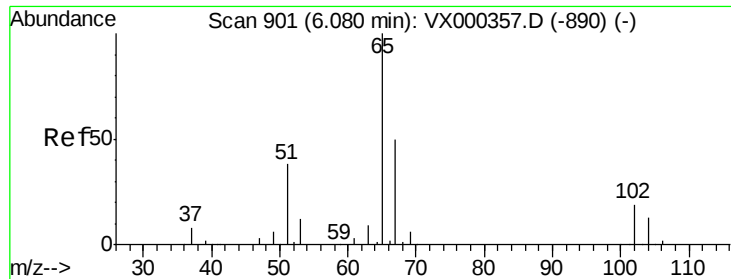
Tot Ion:168 Resp: 99593
Ion Ratio Lower Upper
168 100
99 49.5 45.8 68.6



#20
Methylene Chloride
Concen: 12.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000365.D
Acq: 20 Mar 2018 17:37

Tgt Ion: 84 Resp: 15315
Ion Ratio Lower Upper
84 100
49 127.0 100.6 151.0
51 37.1 31.6 47.4
86 65.8 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 54.29 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

Instrument :

MSVOA_X

ClientSampled :

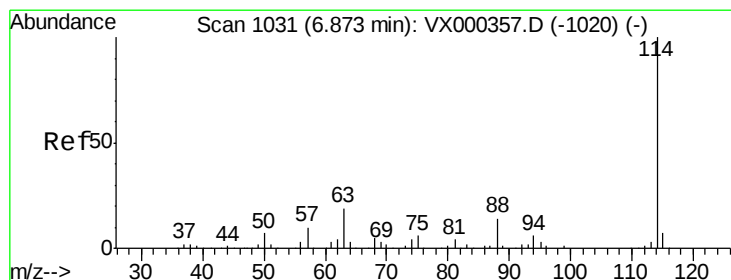
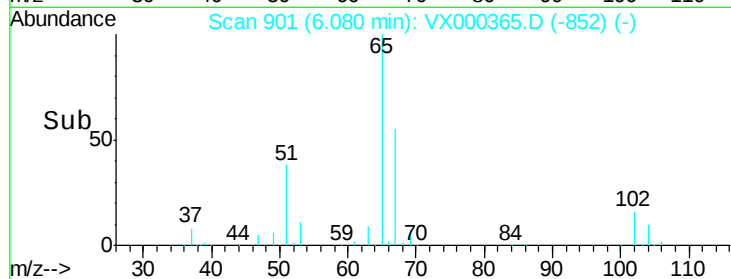
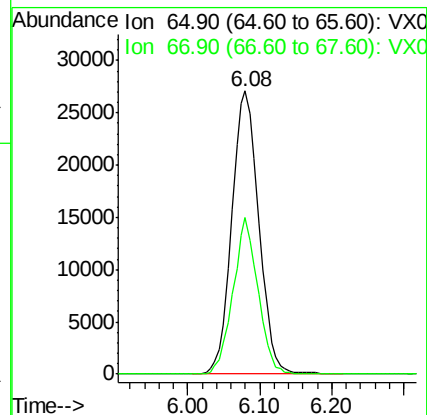
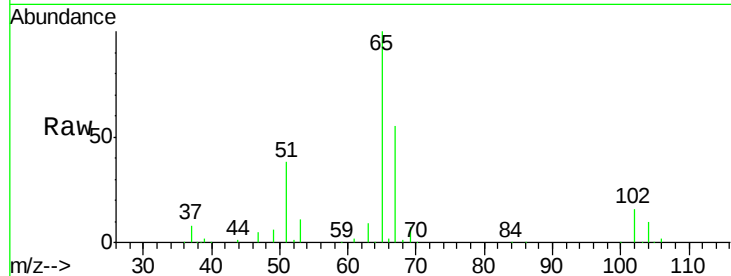
FS-SOIL

Tot Ion: 65 Resp: 70575

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

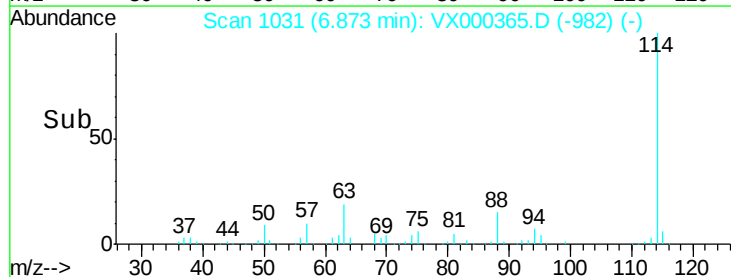
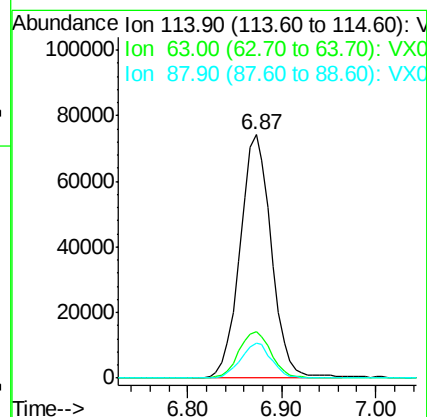
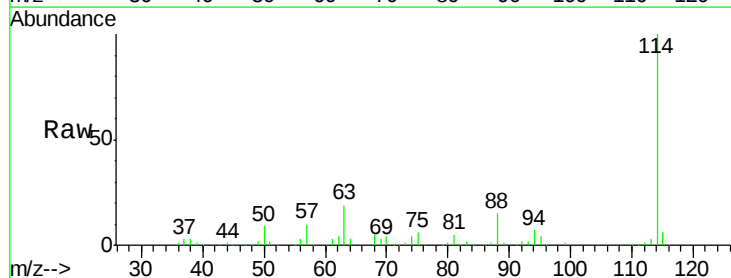
Tgt Ion: 114 Resp: 172402

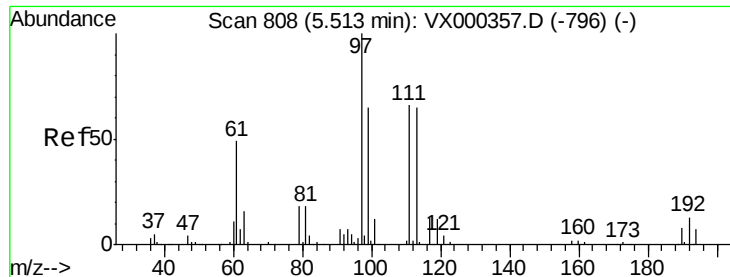
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

FS-SOIL

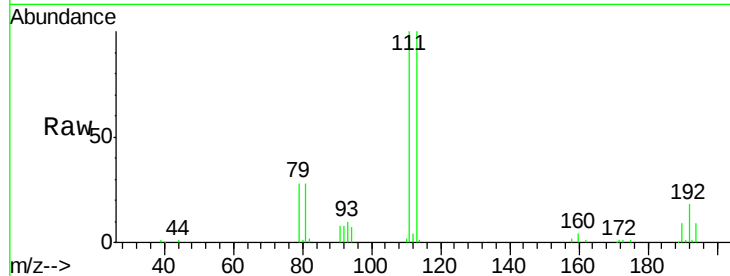
Tot Ion:113 Resp: 54083

Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

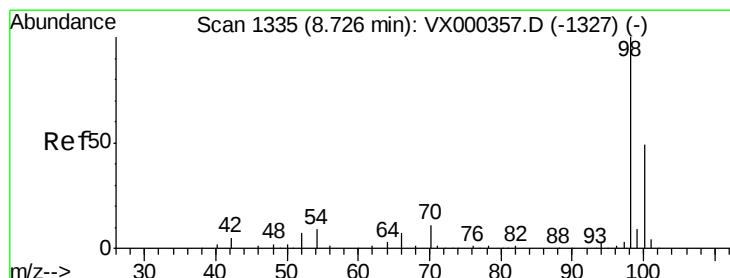
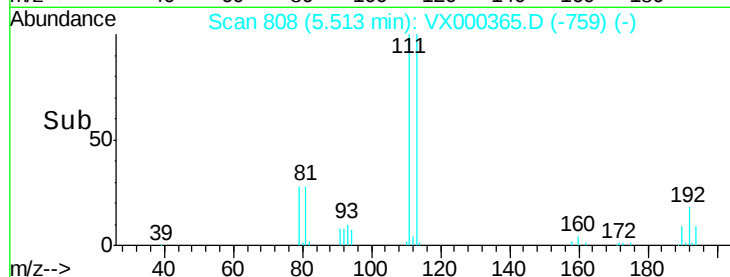
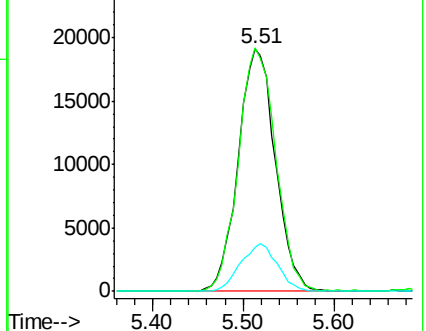
192 19.4 15.8 23.6



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: 47.02 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000365.D

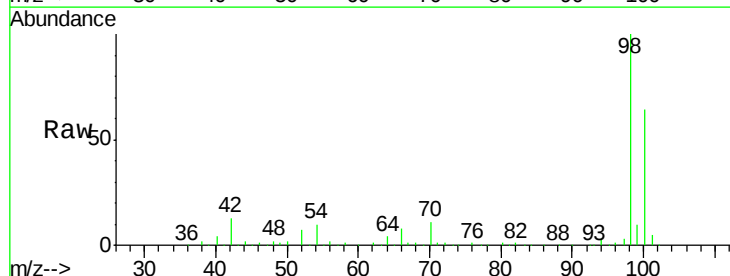
Acq: 20 Mar 2018 17:37

Tgt Ion: 98 Resp: 211538

Ion Ratio Lower Upper

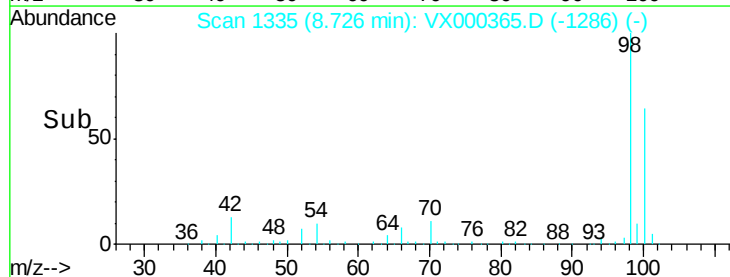
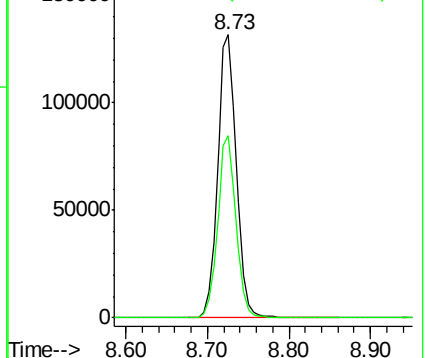
98 100

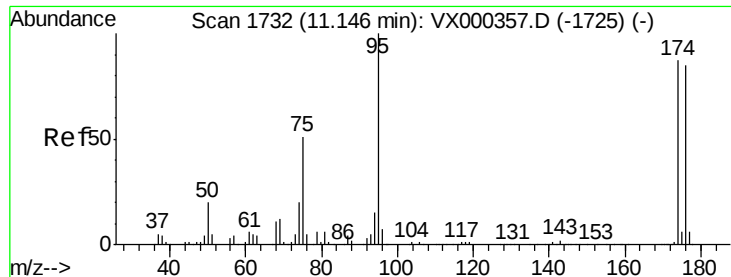
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 36.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

FS-SOIL

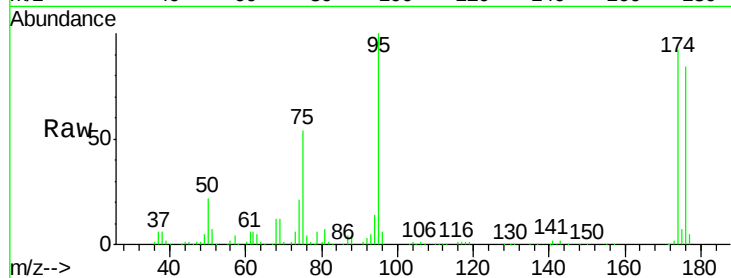
Tot Ion: 95 Resp: 66401

Ion Ratio Lower Upper

95 100

174 91.0 0.0 173.6

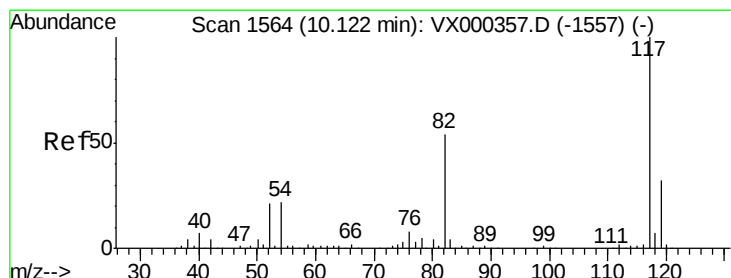
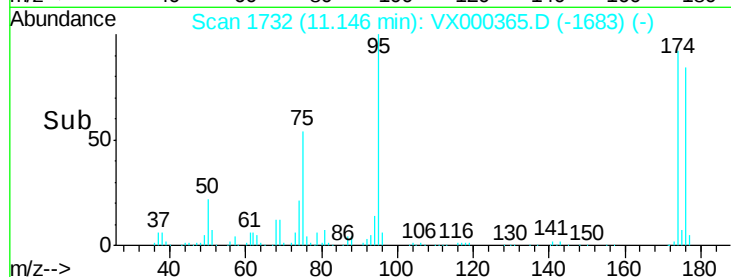
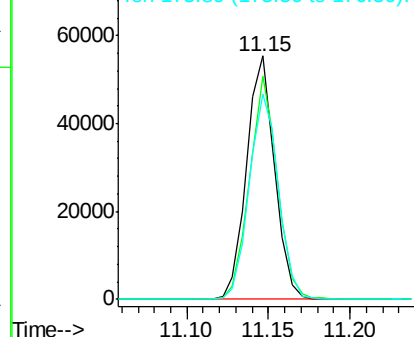
176 87.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000365.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000365.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000365.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

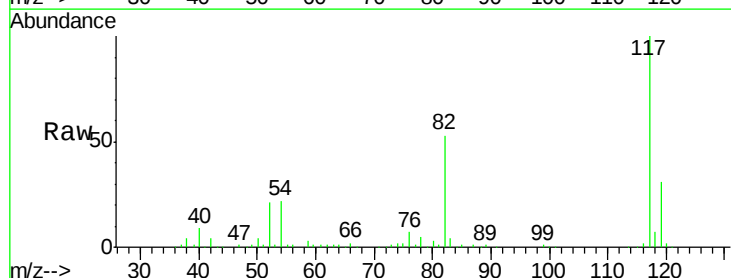
Tgt Ion: 117 Resp: 158088

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

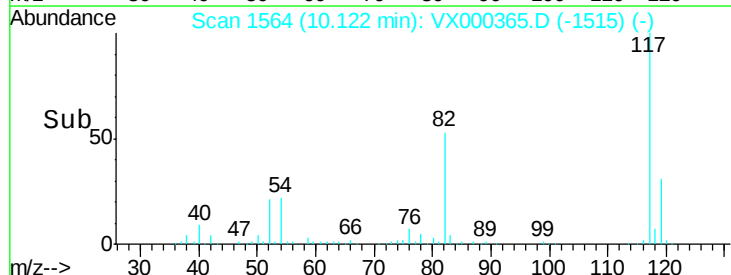
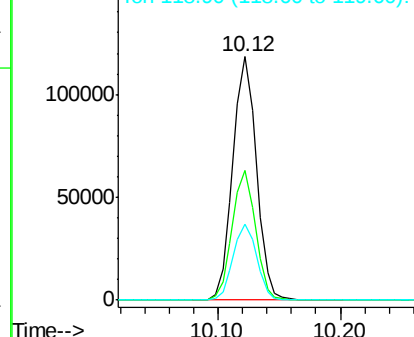
119 31.0 24.9 37.3

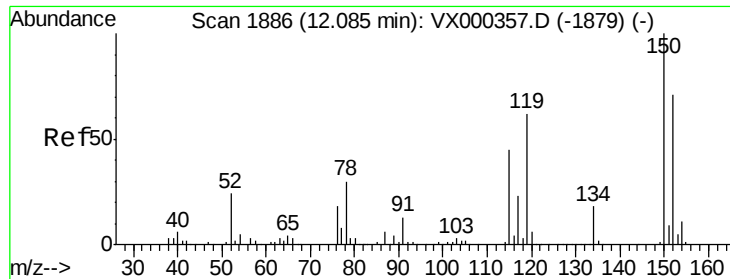


Abundance Ion 116.90 (116.60 to 117.60): VX000365.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000365.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000365.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

Instrument :

MSVOA_X

ClientSampled :

FS-SOIL

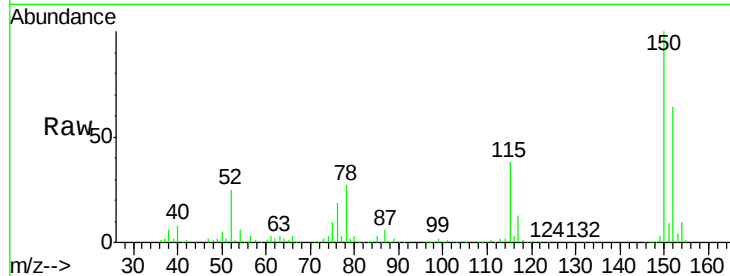
Tot Ion:152 Resp: 68677

Ion Ratio Lower Upper

152 100

115 56.3 39.8 119.3

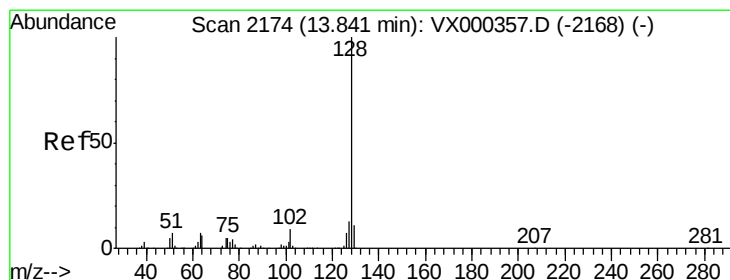
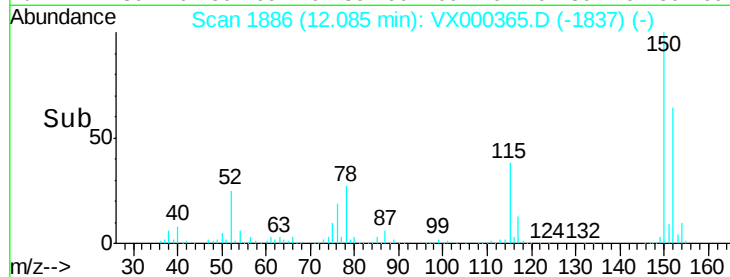
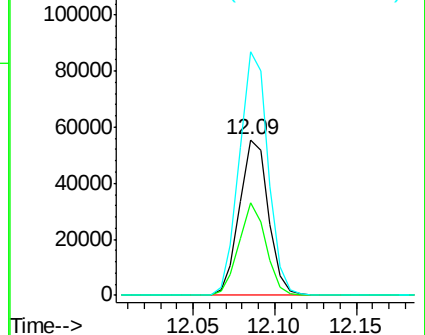
150 155.9 0.0 344.4



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



#95

Naphthalene

Concen: 1.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000365.D

Acq: 20 Mar 2018 17:37

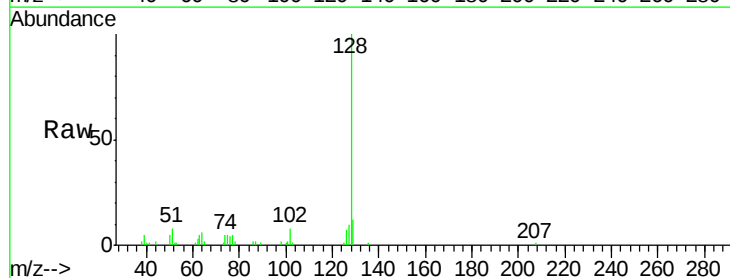
Tgt Ion:128 Resp: 9849

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

