

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000332.D
 Acq On : 15 Mar 2018 16:45
 Operator : JC/MD
 Sample : J1926-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-RBR200032

Quant Time: Mar 16 04:11:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

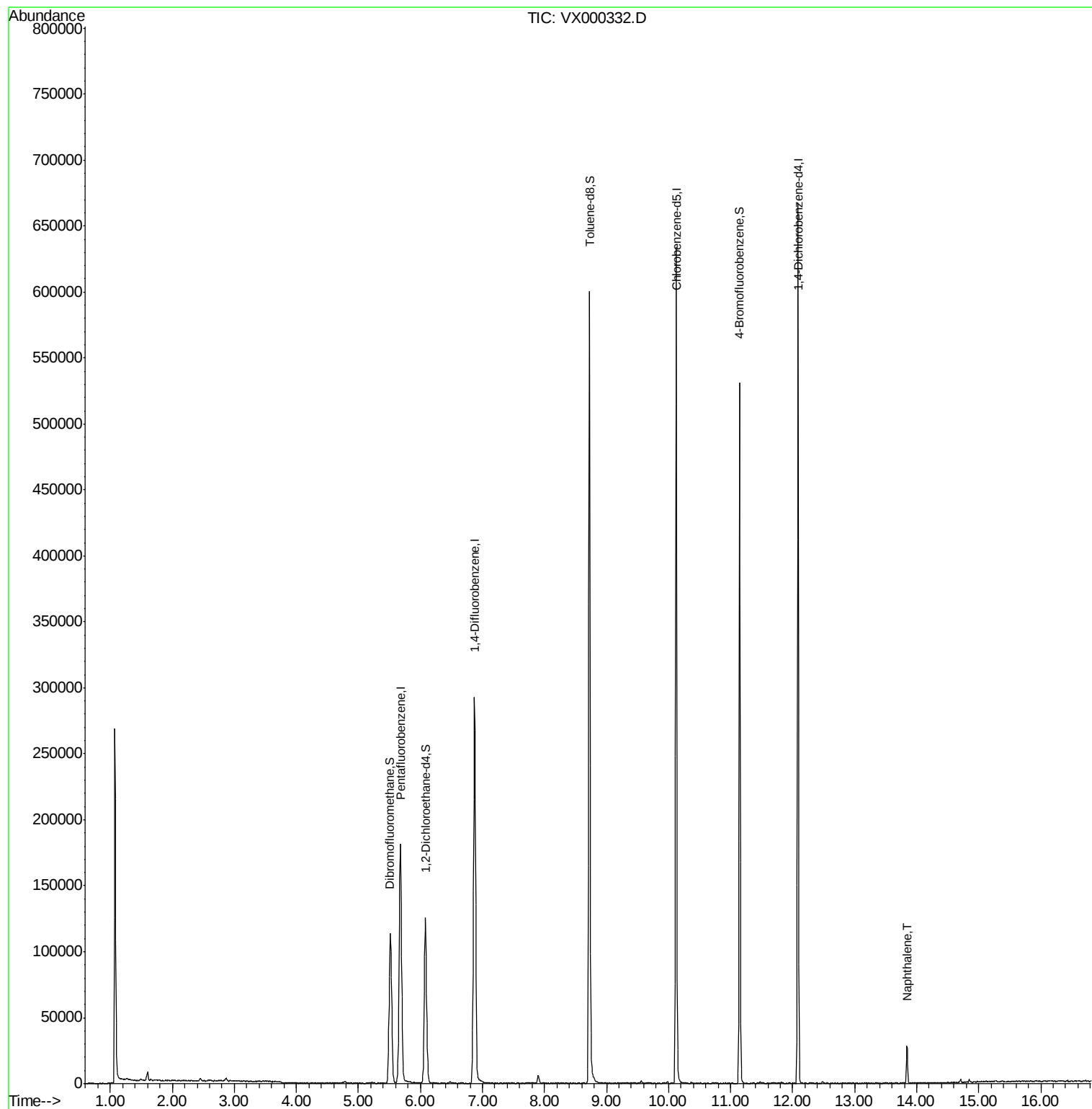
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	171780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	114855	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	5.51	113	91077	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	8.73	98	358817	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.15	95	119881	39.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.60%	
Target Compounds						
95) Naphthalene	13.84	128	16448	1.71	ug/l	Qvalue 99

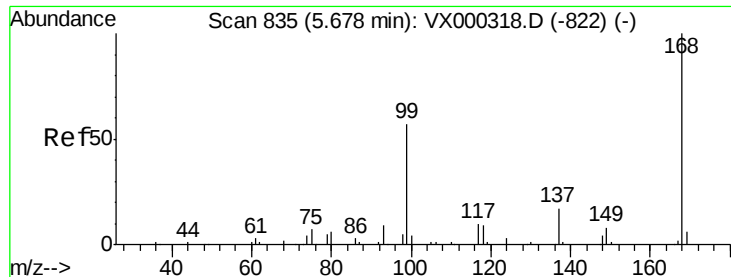
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000332.D

Acq: 15 Mar 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

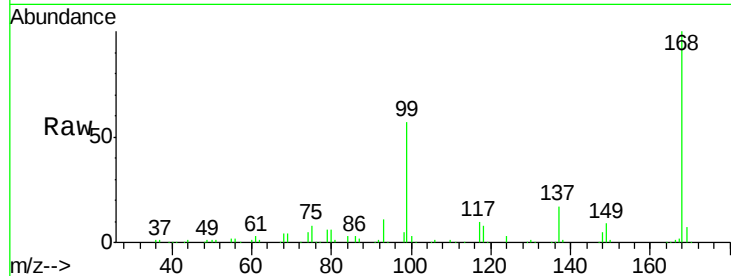
SOIL-RBR200032

Tot Ion:168 Resp: 171780

Ion Ratio Lower Upper

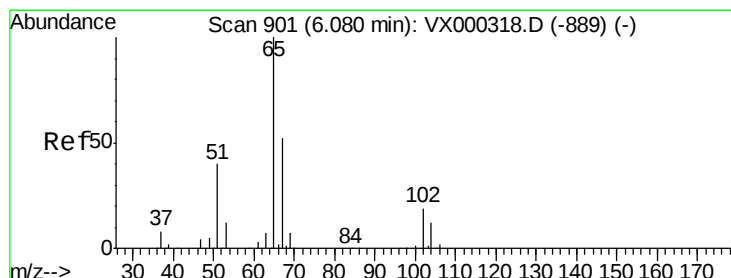
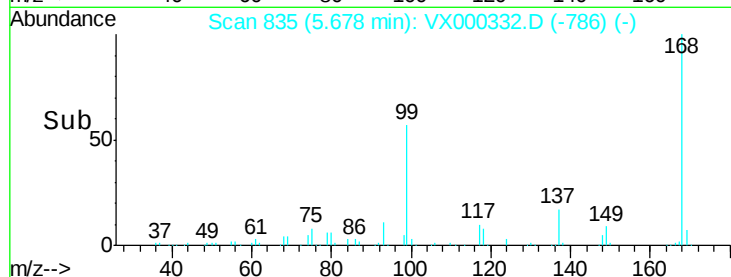
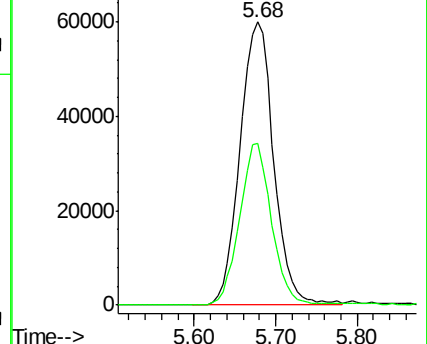
168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.33 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000332.D

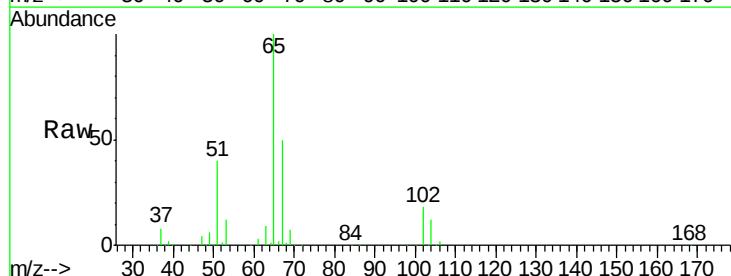
Acq: 15 Mar 2018 16:45

Tgt Ion: 65 Resp: 114855

Ion Ratio Lower Upper

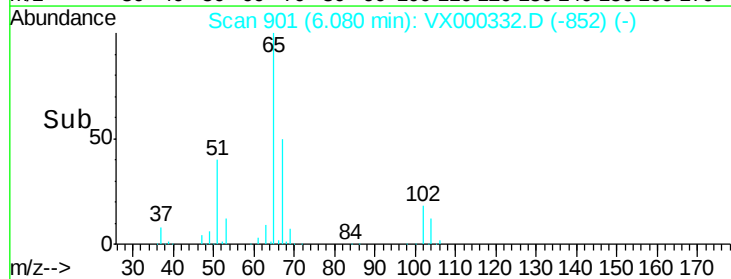
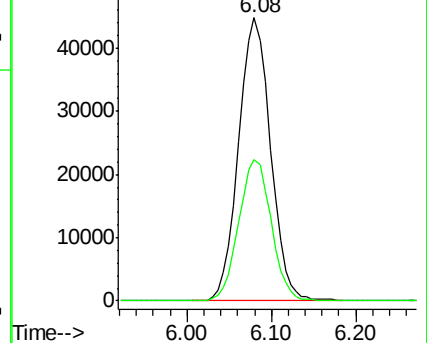
65 100

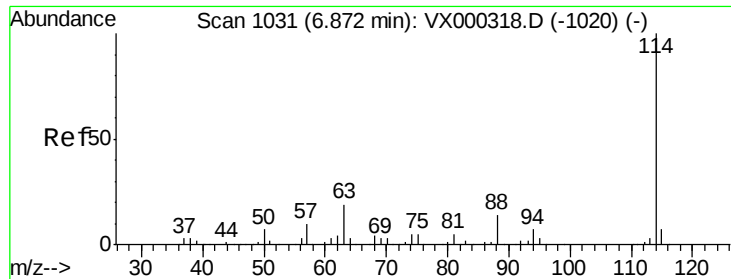
67 50.8 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

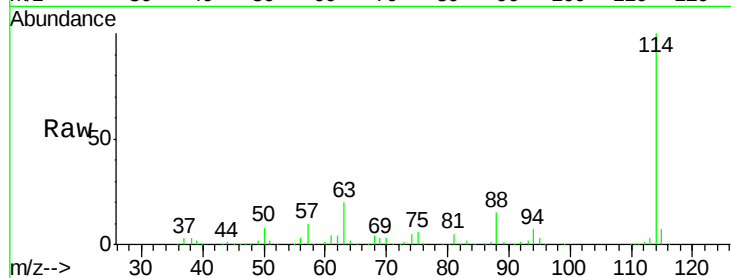




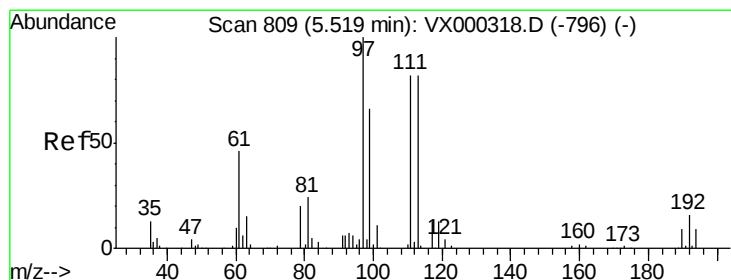
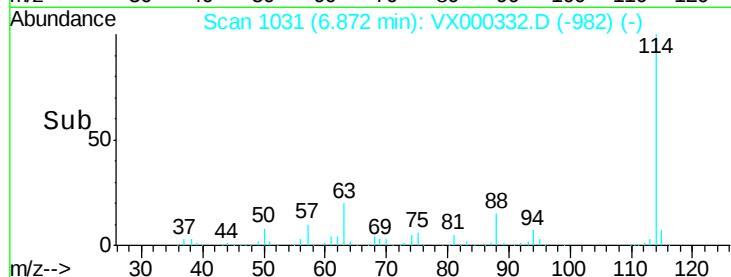
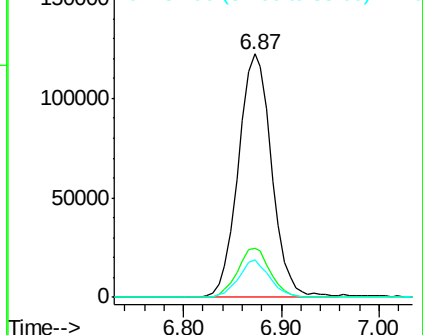
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000332.D
Acq: 15 Mar 2018 16:45

Instrument :
MSVOA_X
ClientSampleId :
SOIL-RBR200032

Tot Ion:114 Resp: 288986
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 15.2 0.0 27.0

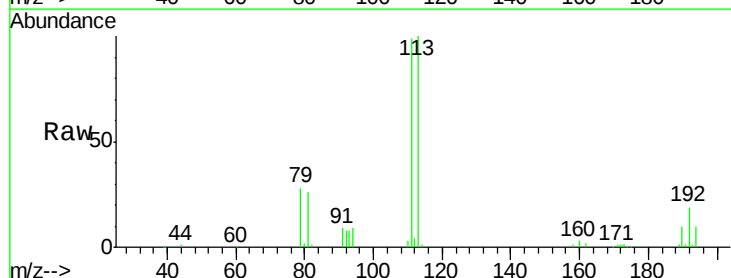


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

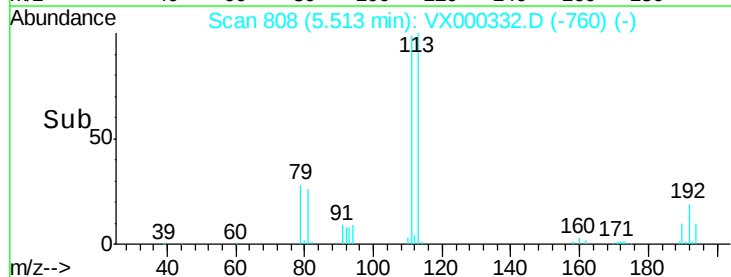
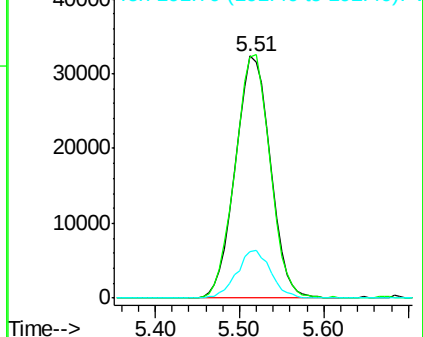


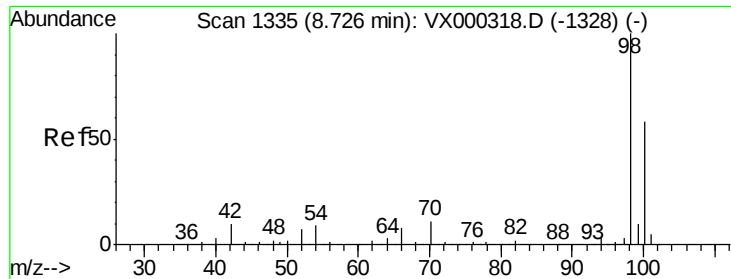
#35
Dibromofluoromethane
Concen: 49.95 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000332.D
Acq: 15 Mar 2018 16:45

Tgt Ion:113 Resp: 91077
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 19.1 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: 47.17 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000332.D

Acq: 15 Mar 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

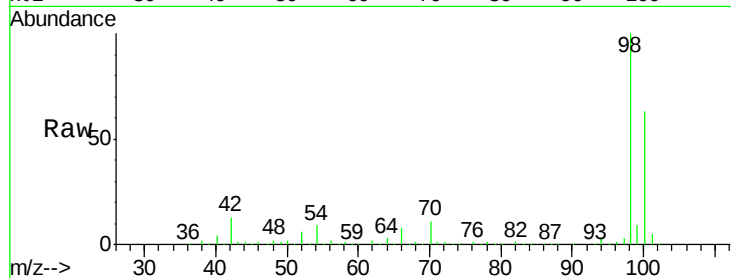
SOIL-RBR200032

Tot Ion: 98 Resp: 358817

Ion Ratio Lower Upper

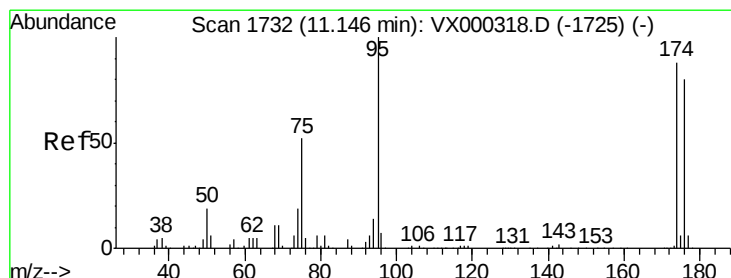
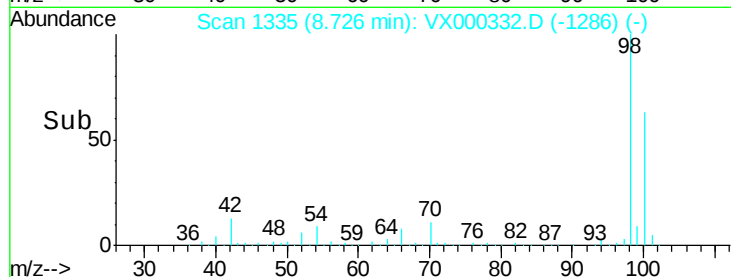
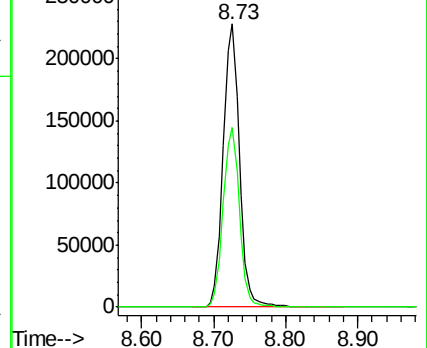
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.30 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000332.D

Acq: 15 Mar 2018 16:45

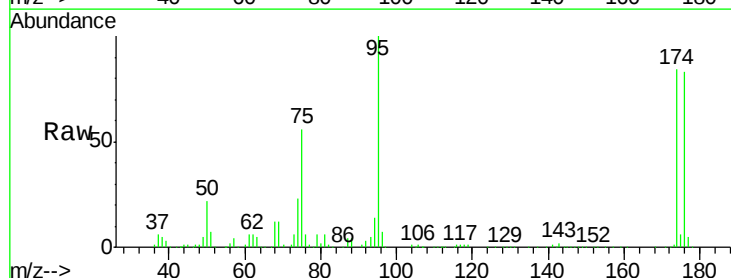
Tgt Ion: 95 Resp: 119881

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.6

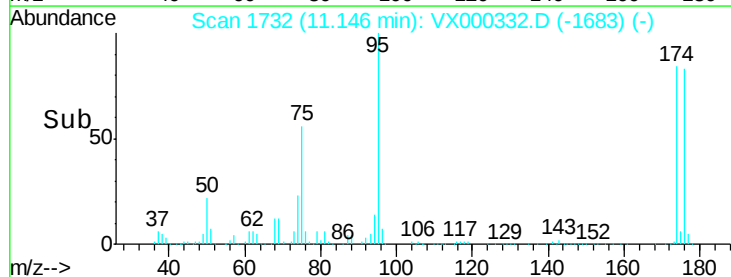
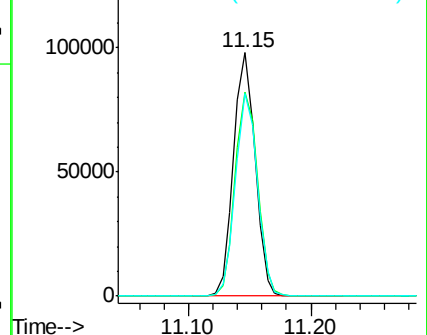
176 84.5 0.0 164.6

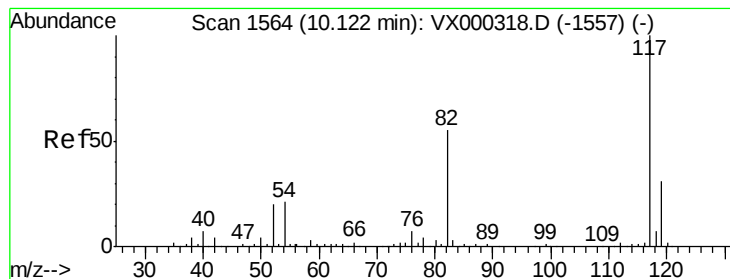


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000332.D

Acq: 15 Mar 2018 16:45

Instrument :

MSVOA_X

ClientSampleId :

SOIL-RBR200032

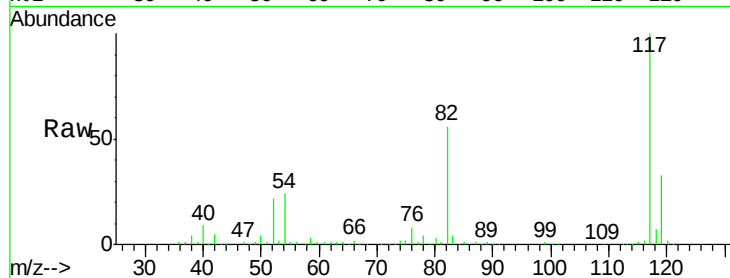
Tot Ion:117 Resp: 269801

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

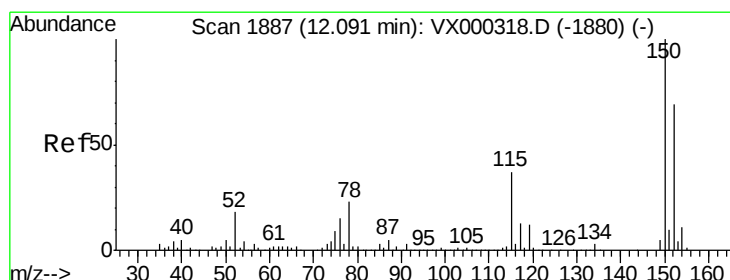
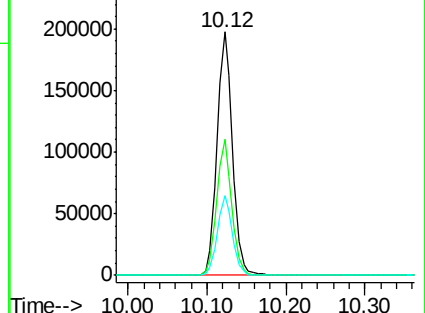
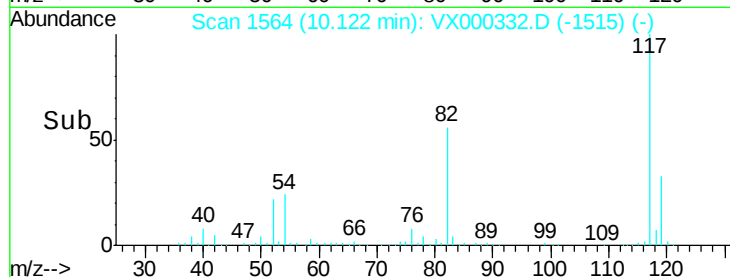
119 32.9 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000332.D

Acq: 15 Mar 2018 16:45

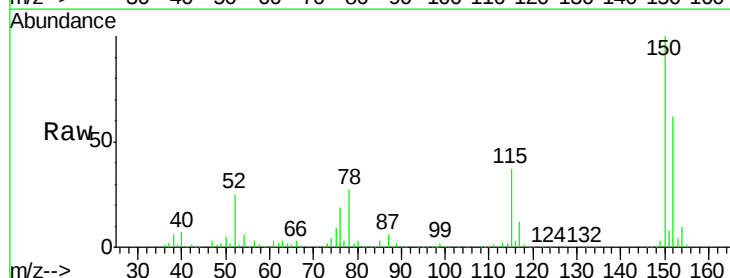
Tgt Ion:152 Resp: 127996

Ion Ratio Lower Upper

152 100

115 56.5 39.8 119.3

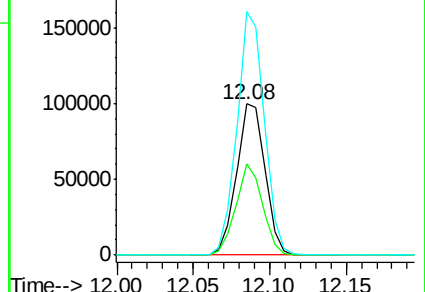
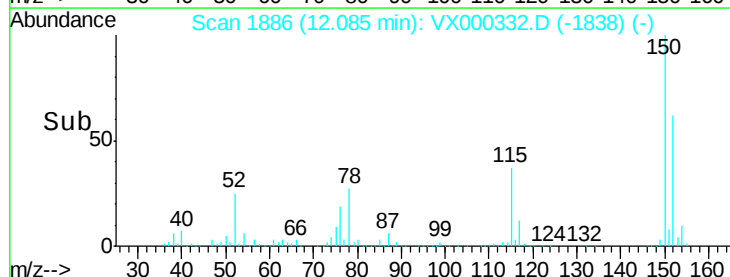
150 155.4 0.0 344.4

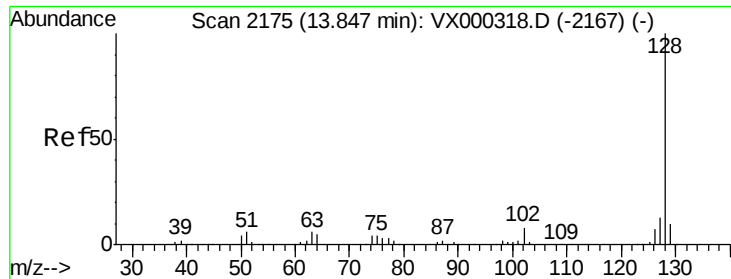


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

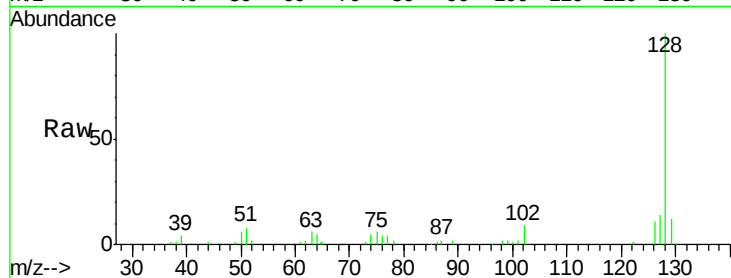




#95
 Naphthalene
 Concen: 1.71 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: VX000332.D
 Acq: 15 Mar 2018 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-RBR200032

Tot Ion:128 Resp: 16448
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.6 15.8
 129 11.0 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

