

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000522.D
 Acq On : 29 Mar 2018 19:23
 Operator : JC/MD
 Sample : J2101-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-032718

Quant Time: Mar 30 07:27:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	115254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	110933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	84072	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	5.51	113	65191	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.73	98	266580	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.15	95	94970	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	

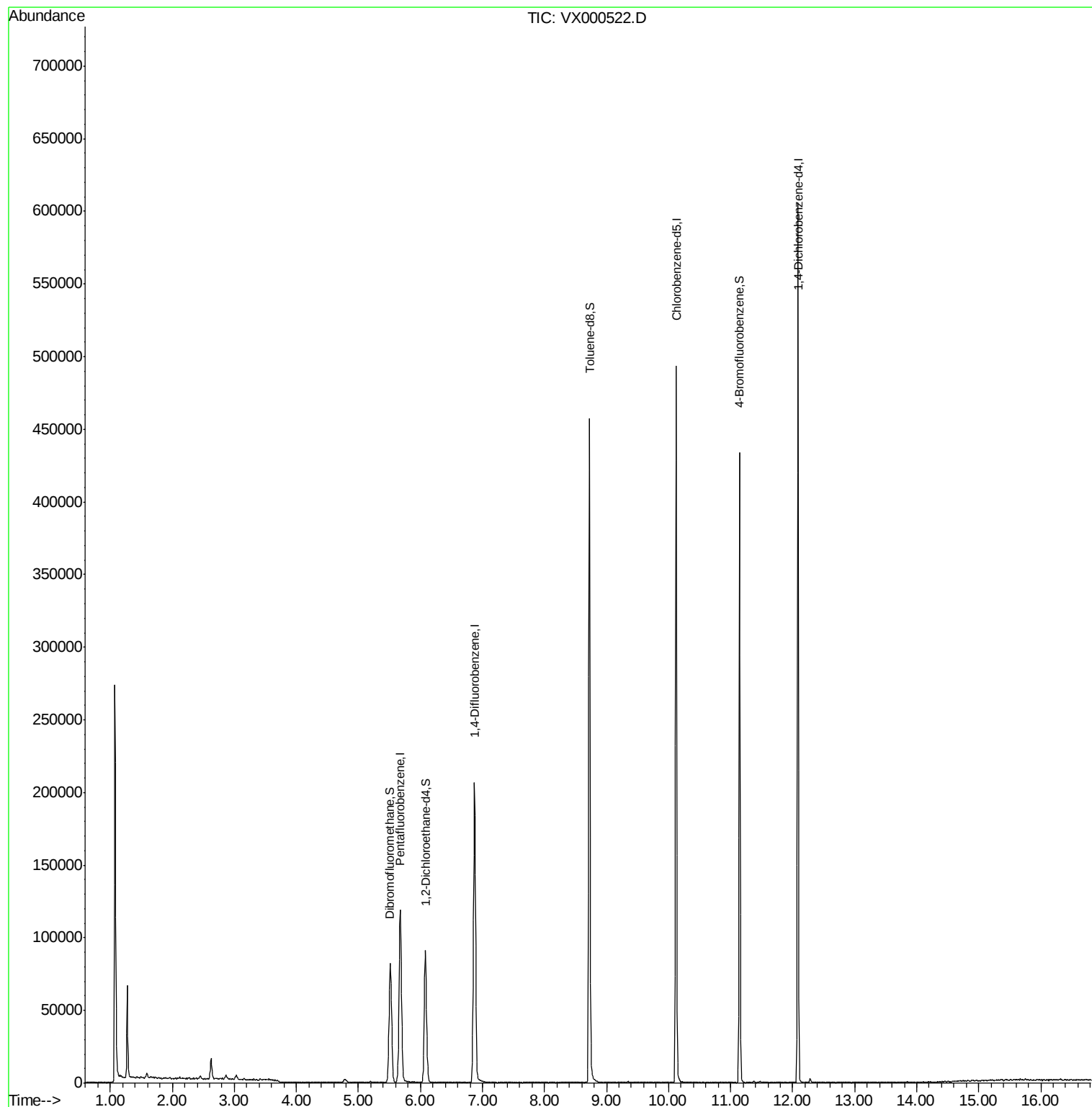
Target Compounds	Qvalue

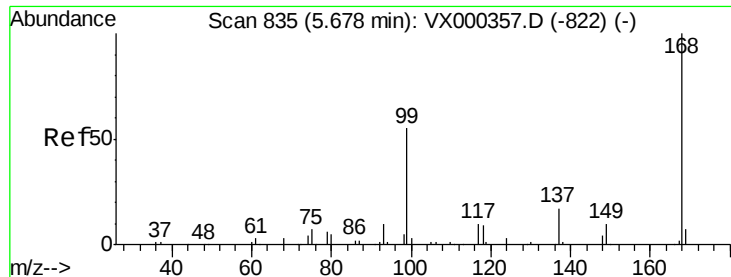
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

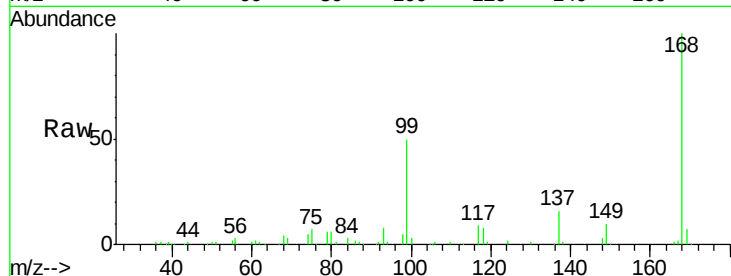
FB-032718

Tot Ion:168 Resp: 115254

Ion Ratio Lower Upper

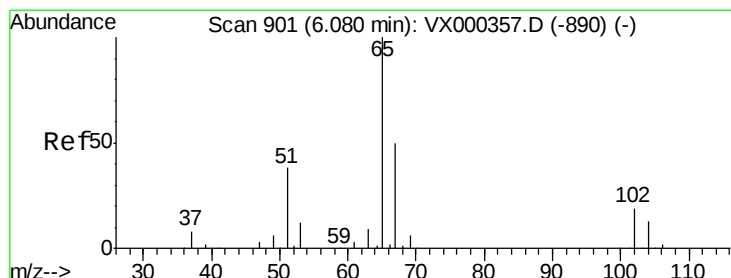
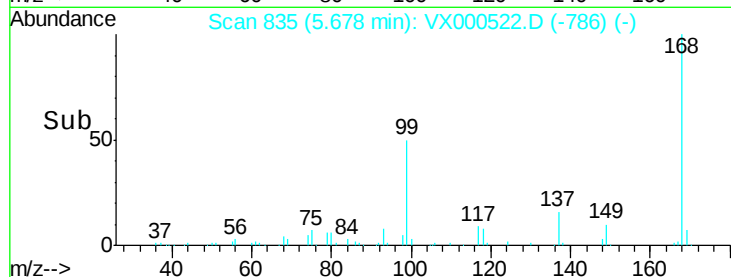
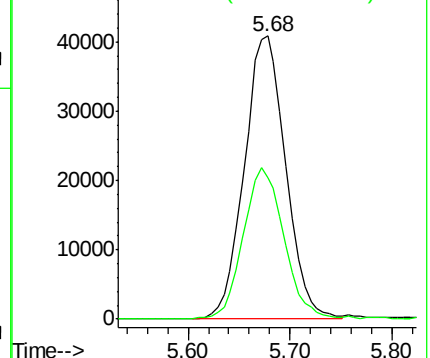
168 100

99 50.0 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: 55.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000522.D

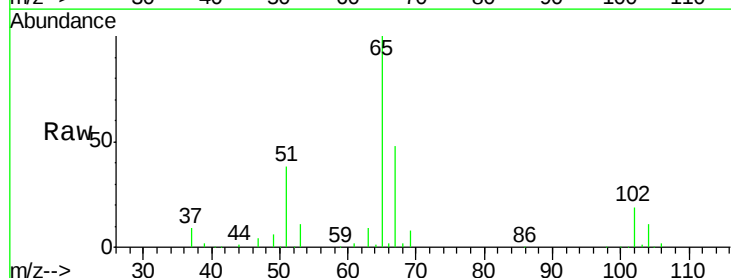
Acq: 29 Mar 2018 19:23

Tgt Ion: 65 Resp: 84072

Ion Ratio Lower Upper

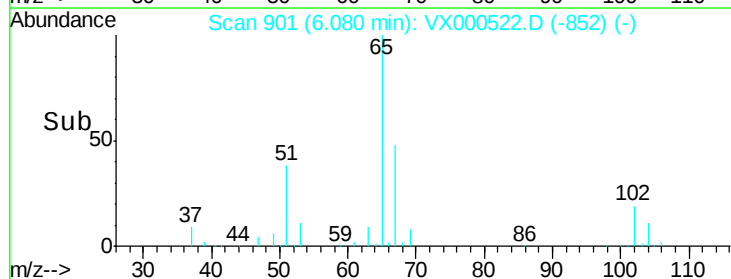
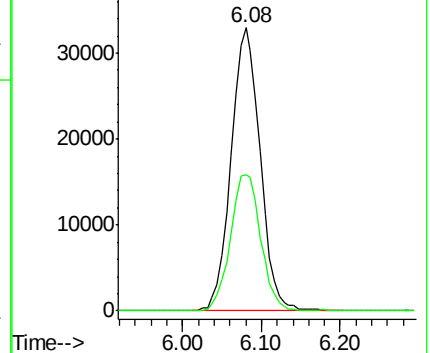
65 100

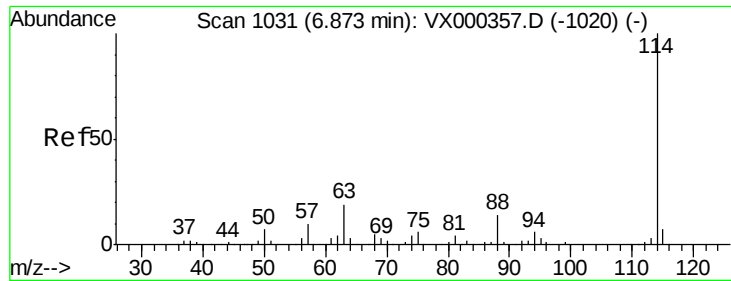
67 50.2 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

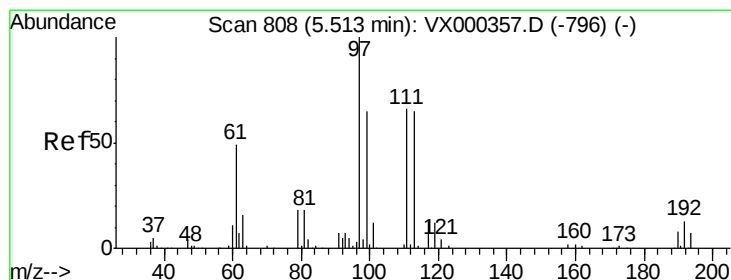
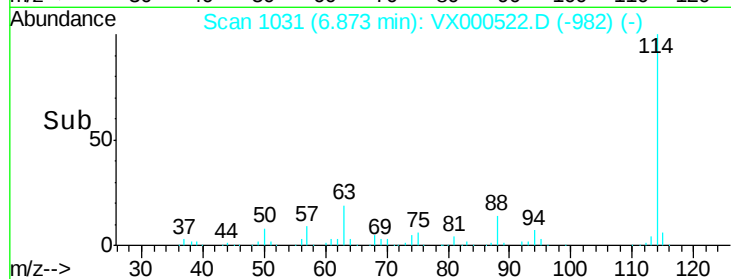
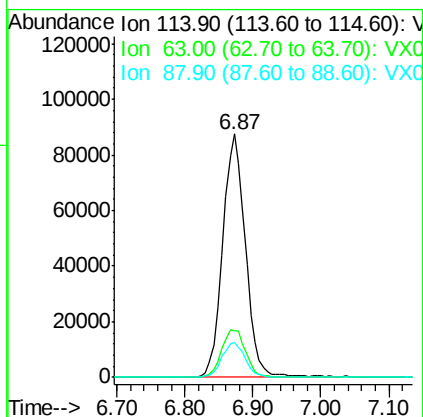
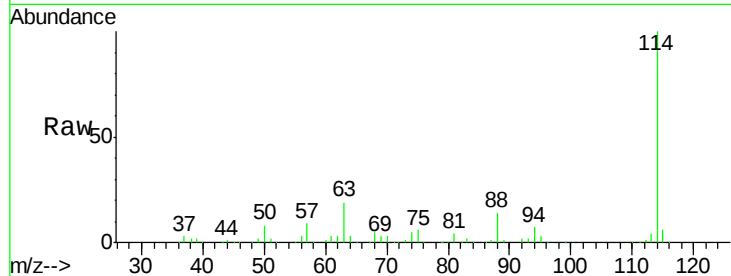




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

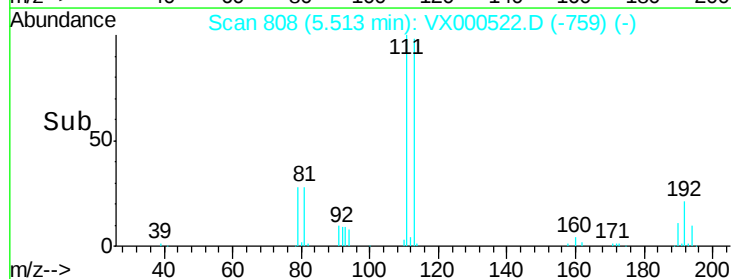
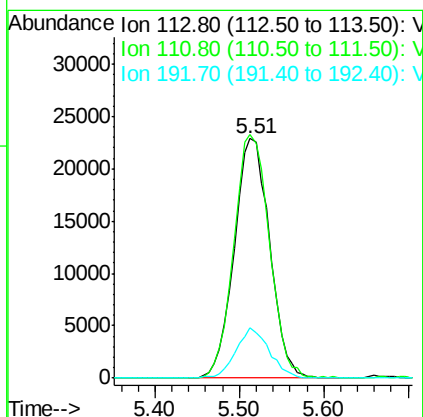
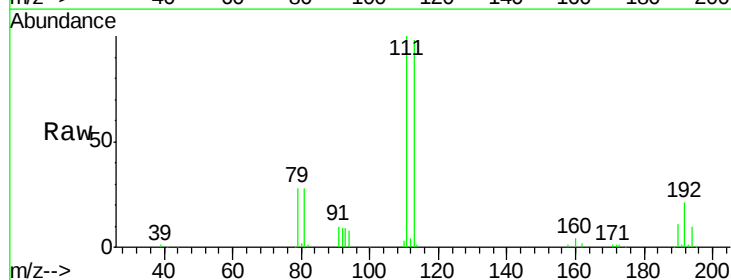
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-032718

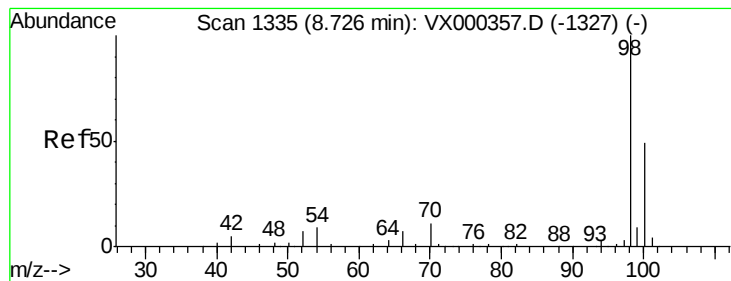
Tot Ion:114 Resp: 203702
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 14.4 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 50.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000522.D
 Acq: 29 Mar 2018 19:23

Tgt Ion:113 Resp: 65191
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 19.6 15.8 23.6





#50

Toluene-d8

Concen: 50.15 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

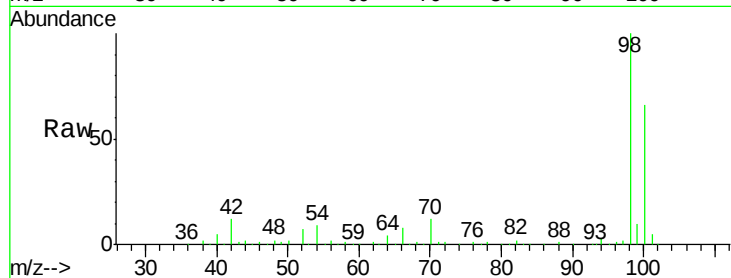
FB-032718

Tot Ion: 98 Resp: 266580

Ion Ratio Lower Upper

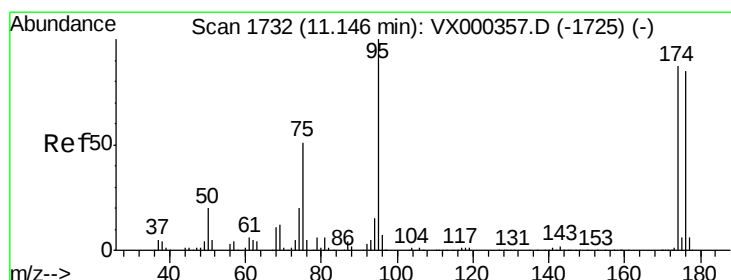
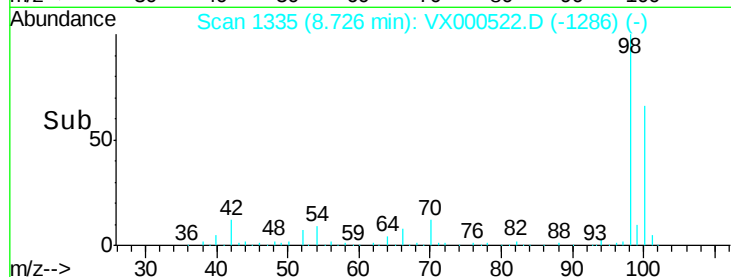
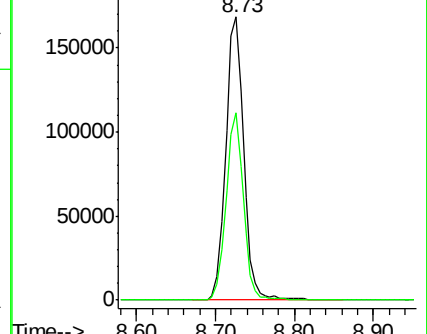
98 100

100 64.2 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: 43.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000522.D

Acq: 29 Mar 2018 19:23

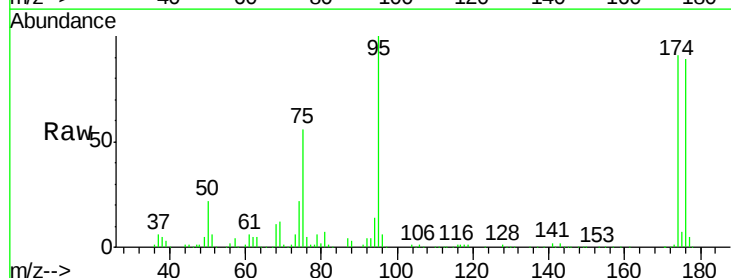
Tgt Ion: 95 Resp: 94970

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.6

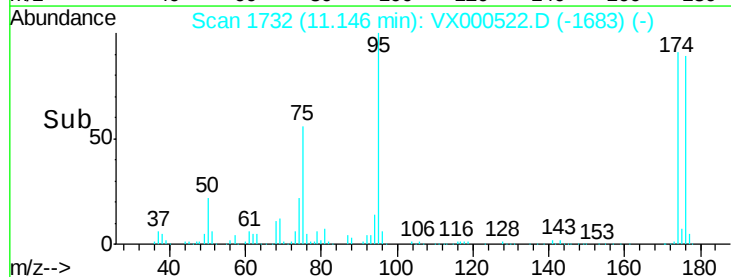
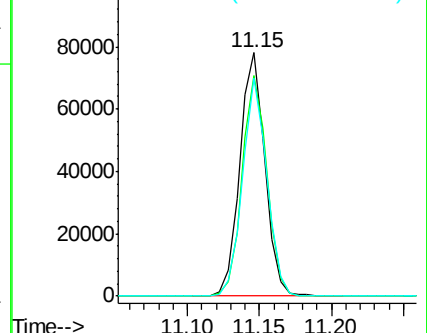
176 86.8 0.0 164.6

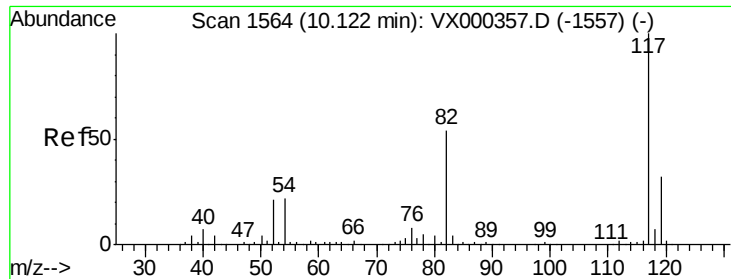


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

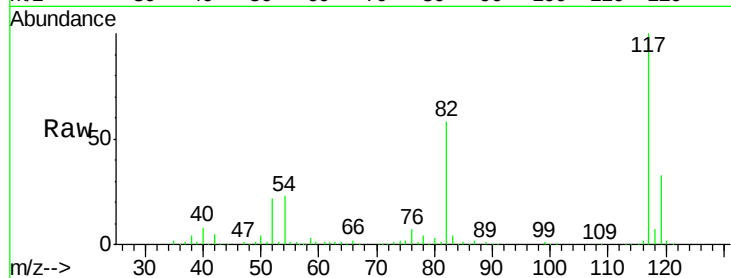




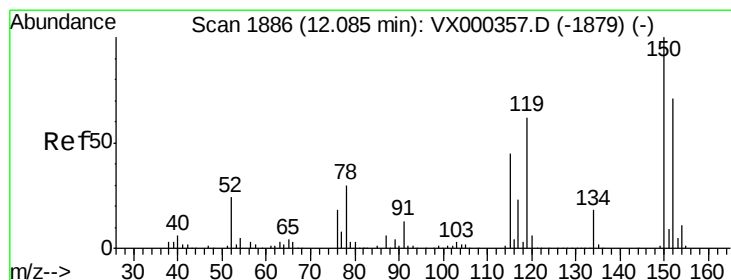
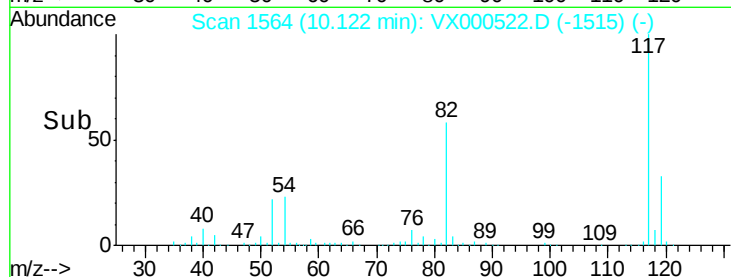
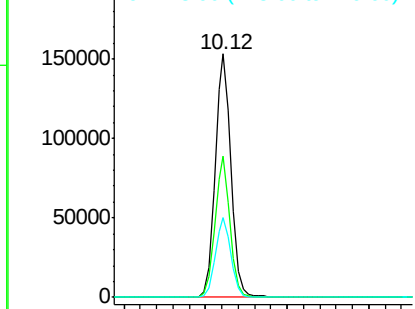
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

Instrument :
MSVOA_X
ClientSampled :
FB-032718

Tot Ion:117 Resp: 211048
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.8
119 32.8 24.9 37.3

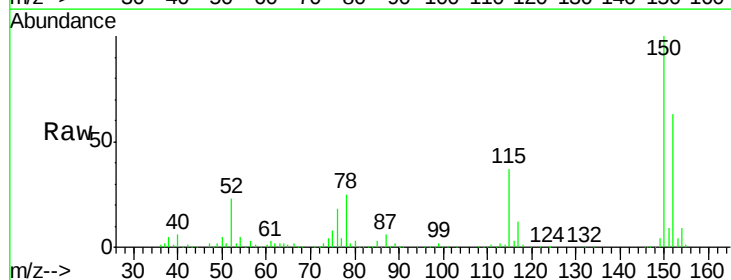


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000522.D
Acq: 29 Mar 2018 19:23

Tgt Ion:152 Resp: 110933
Ion Ratio Lower Upper
152 100
115 58.5 39.8 119.3
150 157.3 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

