

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000605.D
 Acq On : 31 Mar 2018 20:24
 Operator : JC/MD
 Sample : J2150-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

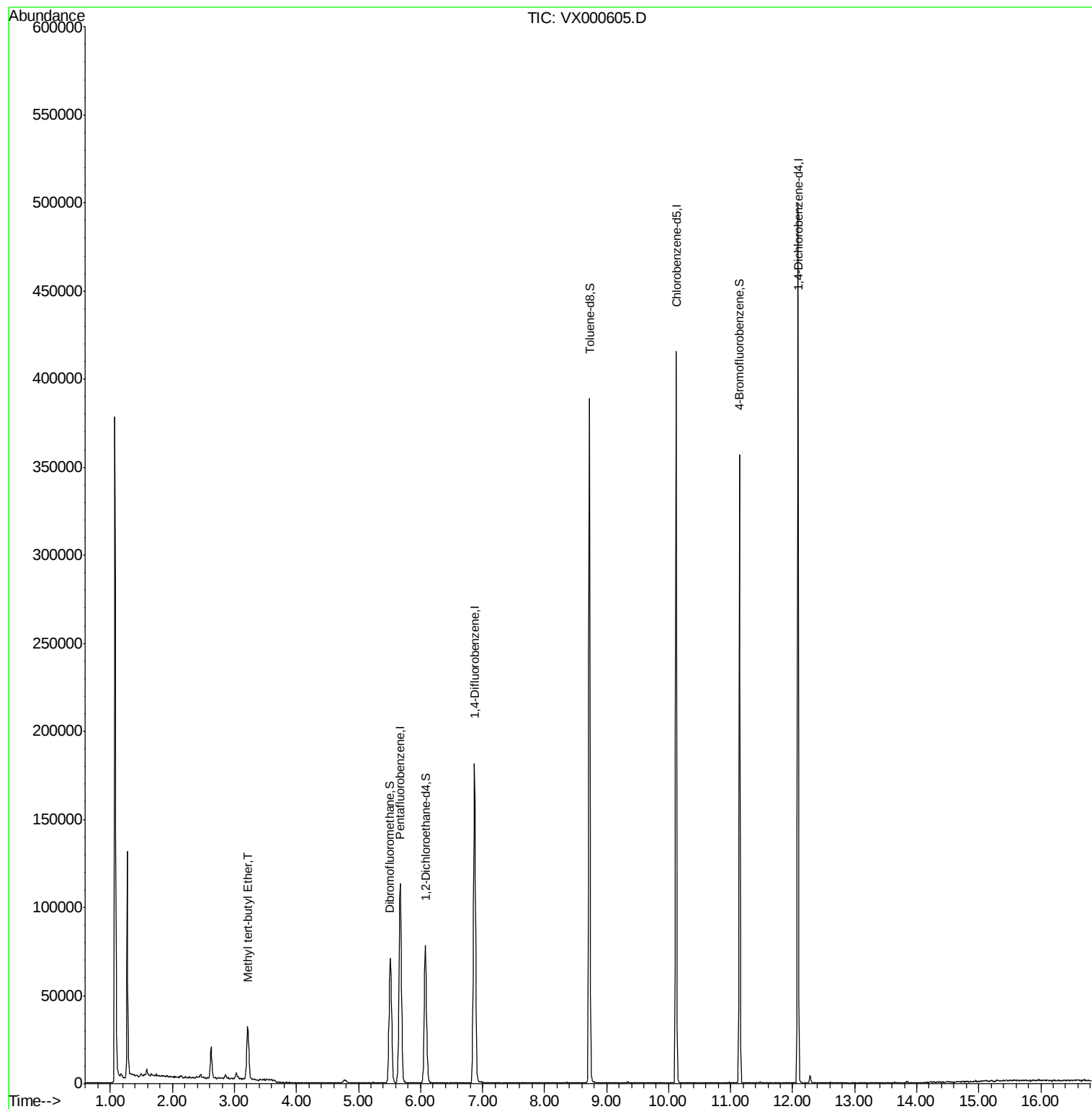
Quant Time: Apr 02 07:45:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	104669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	71099	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	5.52	113	55794	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	8.73	98	222462	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.15	95	76217	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	33261	7.93	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: VX000605.D

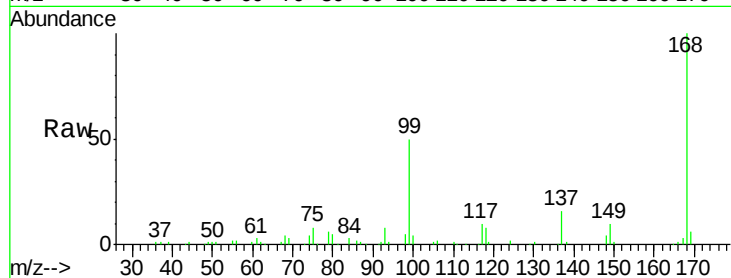
Acq: 31 Mar 2018 20:24

Tot Ion:168 Resp: 104669

Ion Ratio Lower Upper

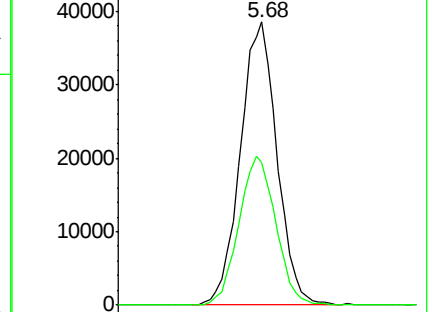
168 100

99 50.2 45.8 68.6

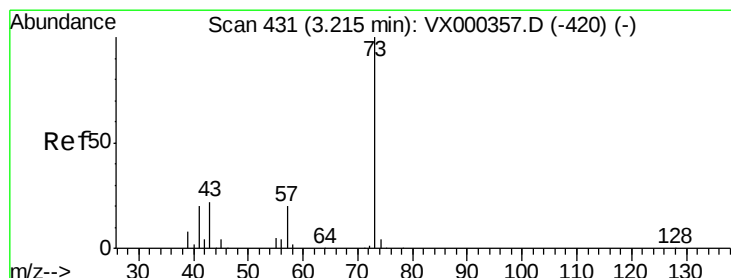
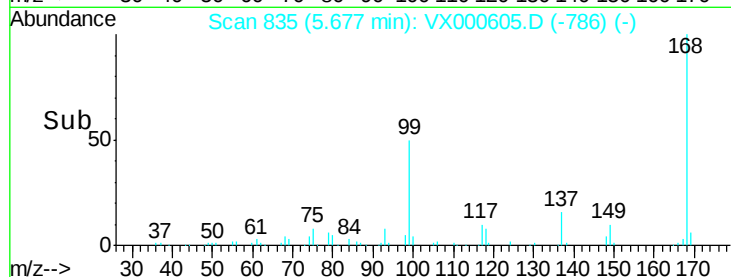


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#19

Methyl tert-butyl Ether

Concen: 7.93 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000605.D

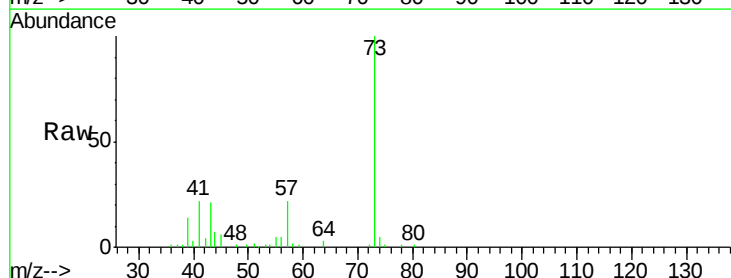
Acq: 31 Mar 2018 20:24

Tgt Ion: 73 Resp: 33261

Ion Ratio Lower Upper

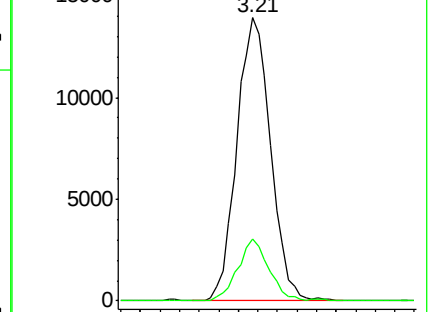
73 100

57 21.9 17.2 25.8

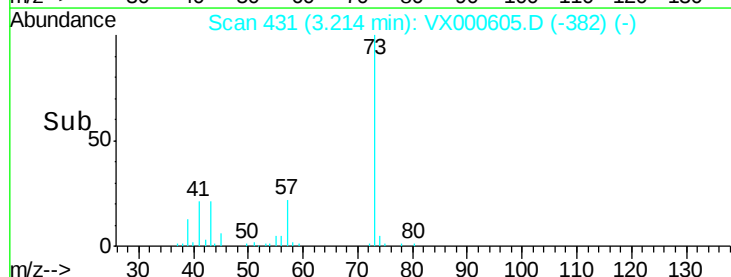


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.04 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000605.D

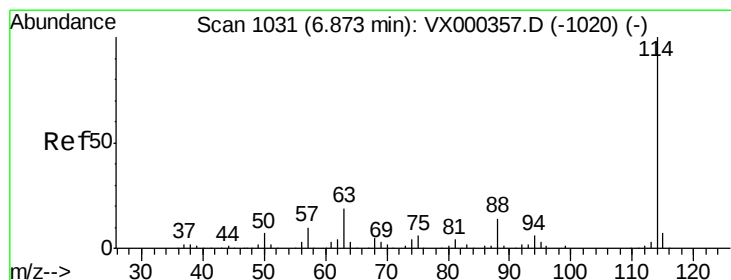
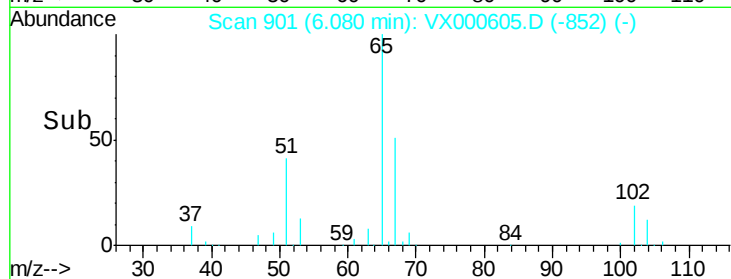
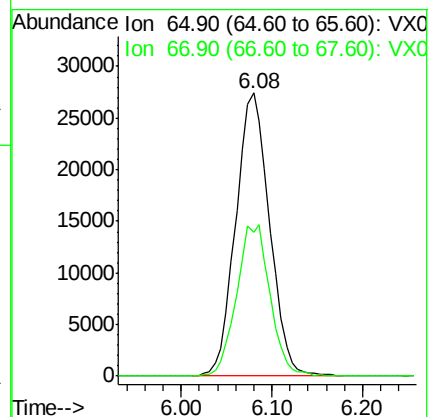
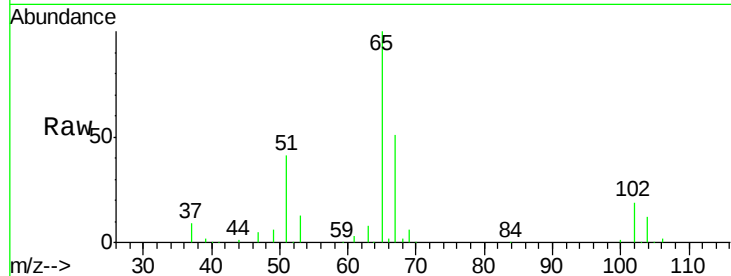
Acq: 31 Mar 2018 20:24

Tot Ion: 65 Resp: 71099

Ion Ratio Lower Upper

65 100

67 53.1 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: VX000605.D

Acq: 31 Mar 2018 20:24

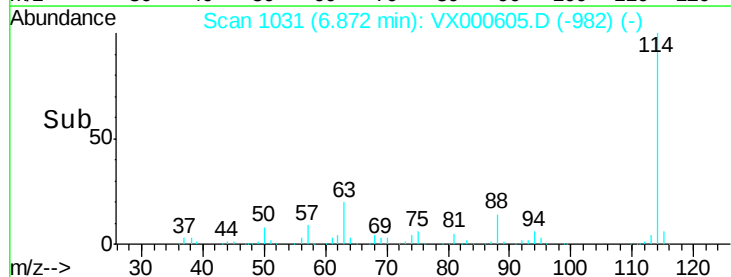
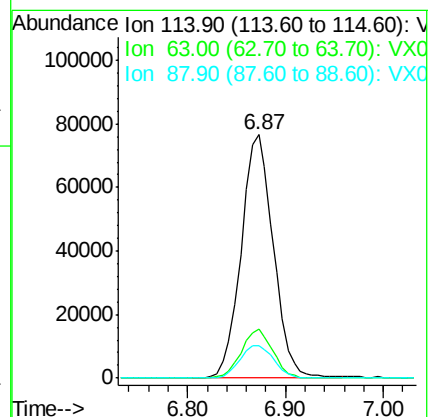
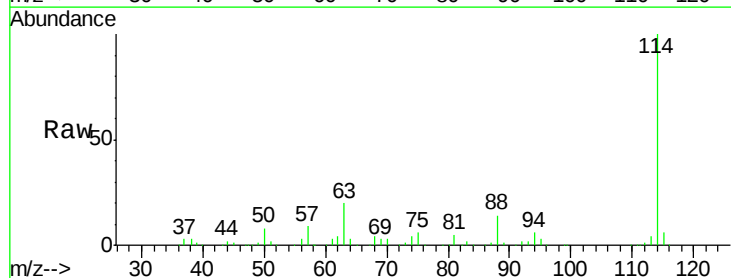
Tgt Ion: 114 Resp: 174659

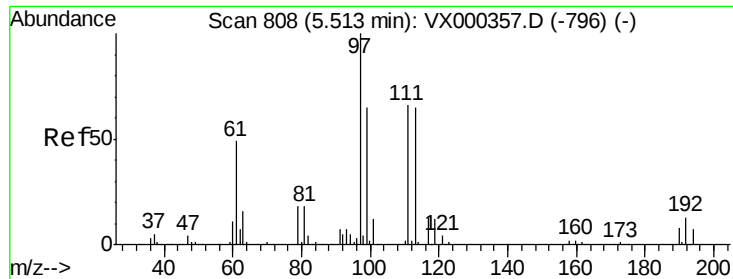
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

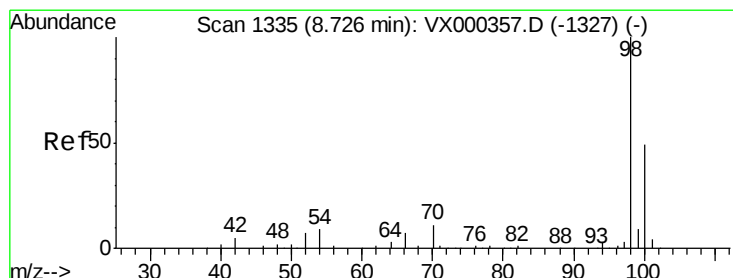
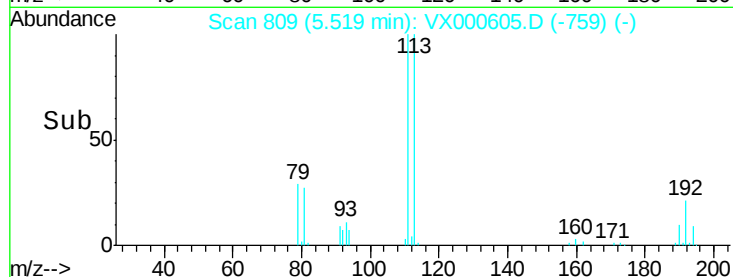
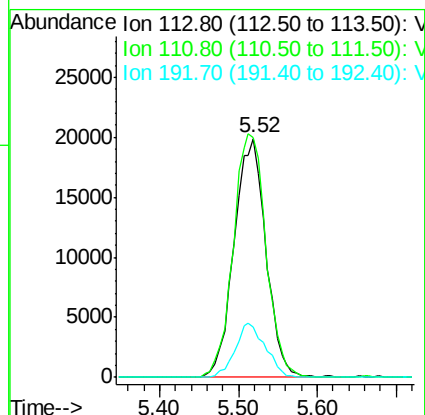
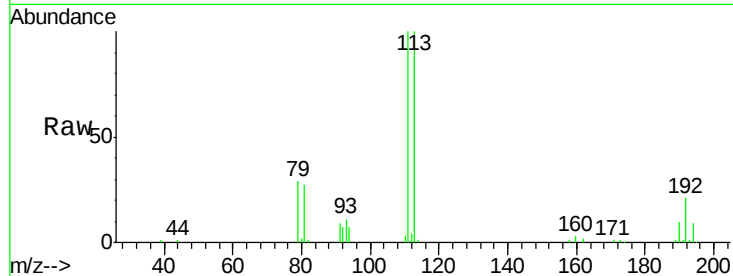
88 13.6 0.0 27.0





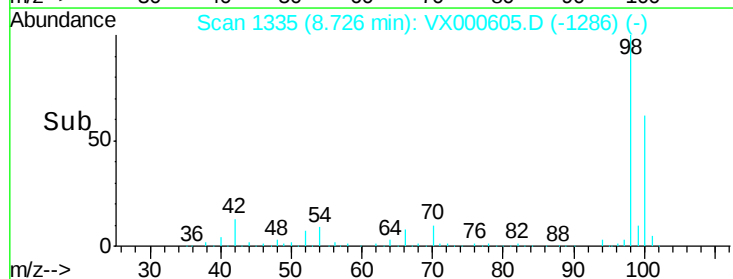
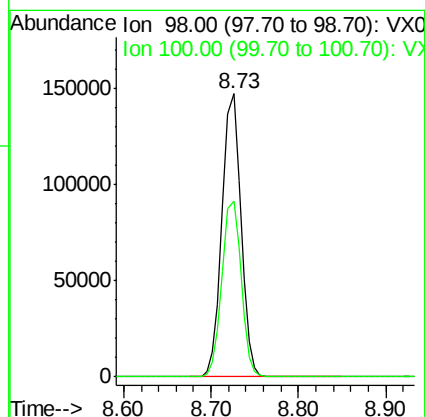
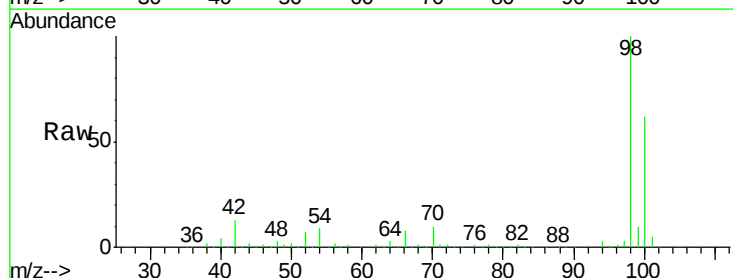
#35
 Dibromofluoromethane
 Concen: 50.70 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000605.D
 Acq: 31 Mar 2018 20:24

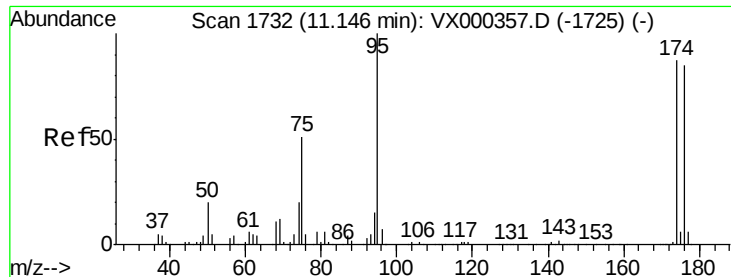
Tot Ion:113 Resp: 55794
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.4 123.6
 192 21.5 15.8 23.6



#50
 Toluene-d8
 Concen: 48.81 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000605.D
 Acq: 31 Mar 2018 20:24

Tgt Ion: 98 Resp: 222462
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 40.86 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000605.D

Acq: 31 Mar 2018 20:24

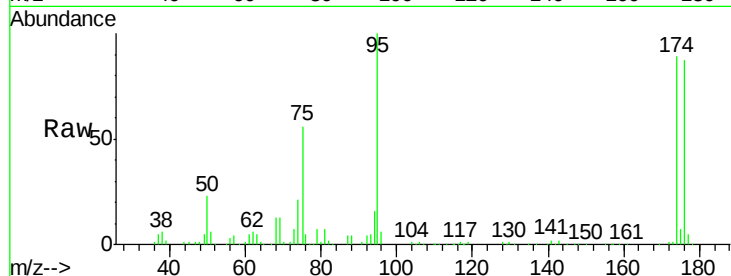
Tot Ion: 95 Resp: 76217

Ion Ratio Lower Upper

95 100

174 91.5 0.0 173.6

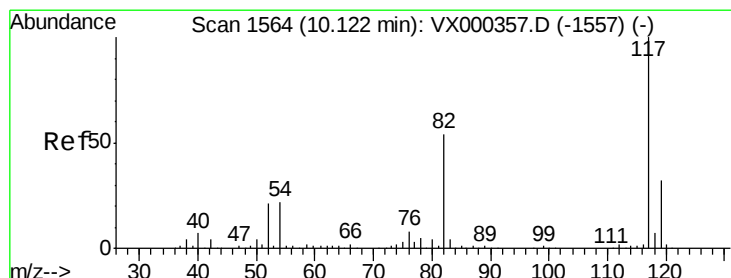
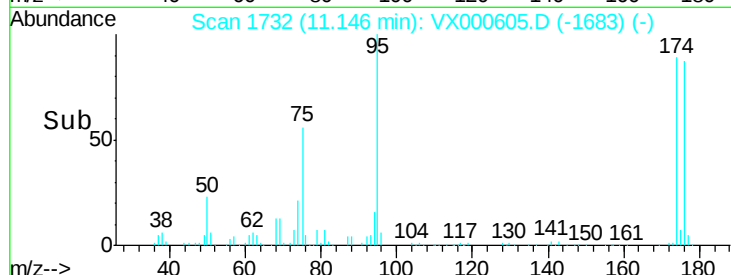
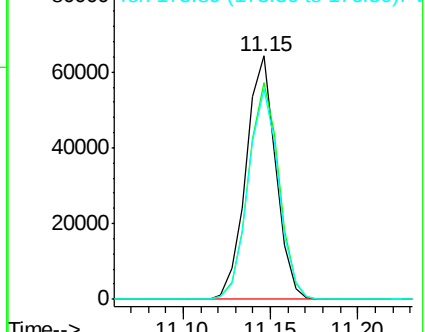
176 88.3 0.0 164.6



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: VX000605.D

Acq: 31 Mar 2018 20:24

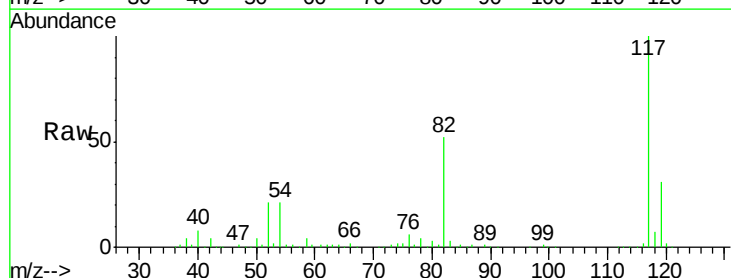
Tgt Ion: 117 Resp: 175503

Ion Ratio Lower Upper

117 100

82 51.7 43.8 65.8

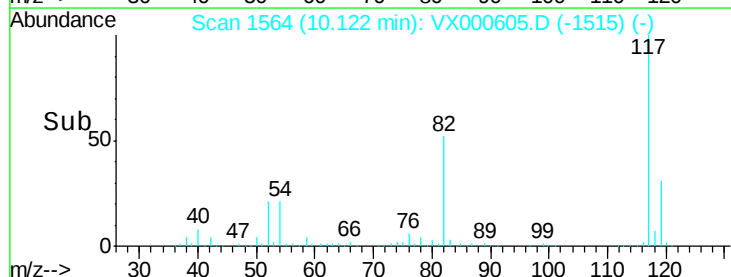
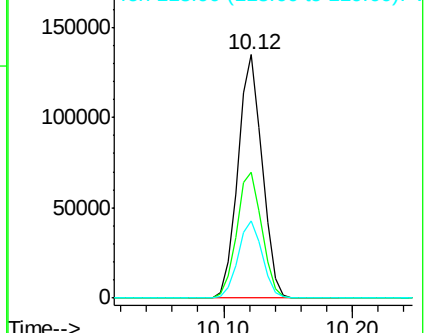
119 31.5 24.9 37.3

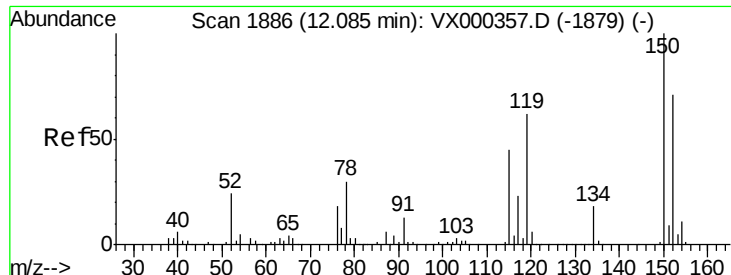


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

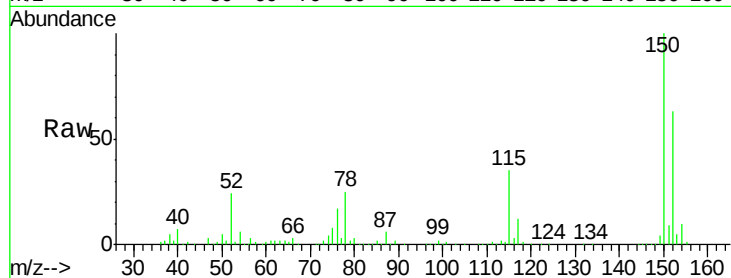
Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000605.D
 Acq: 31 Mar 2018 20:24

Tot Ion:152 Resp: 94510
 Ion Ratio Lower Upper
 152 100
 115 55.4 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

