

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000600.D
 Acq On : 31 Mar 2018 18:16
 Operator : JC/MD
 Sample : J2150-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 04 09:29:40 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	114360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104898	50.00	ug/l	0.00

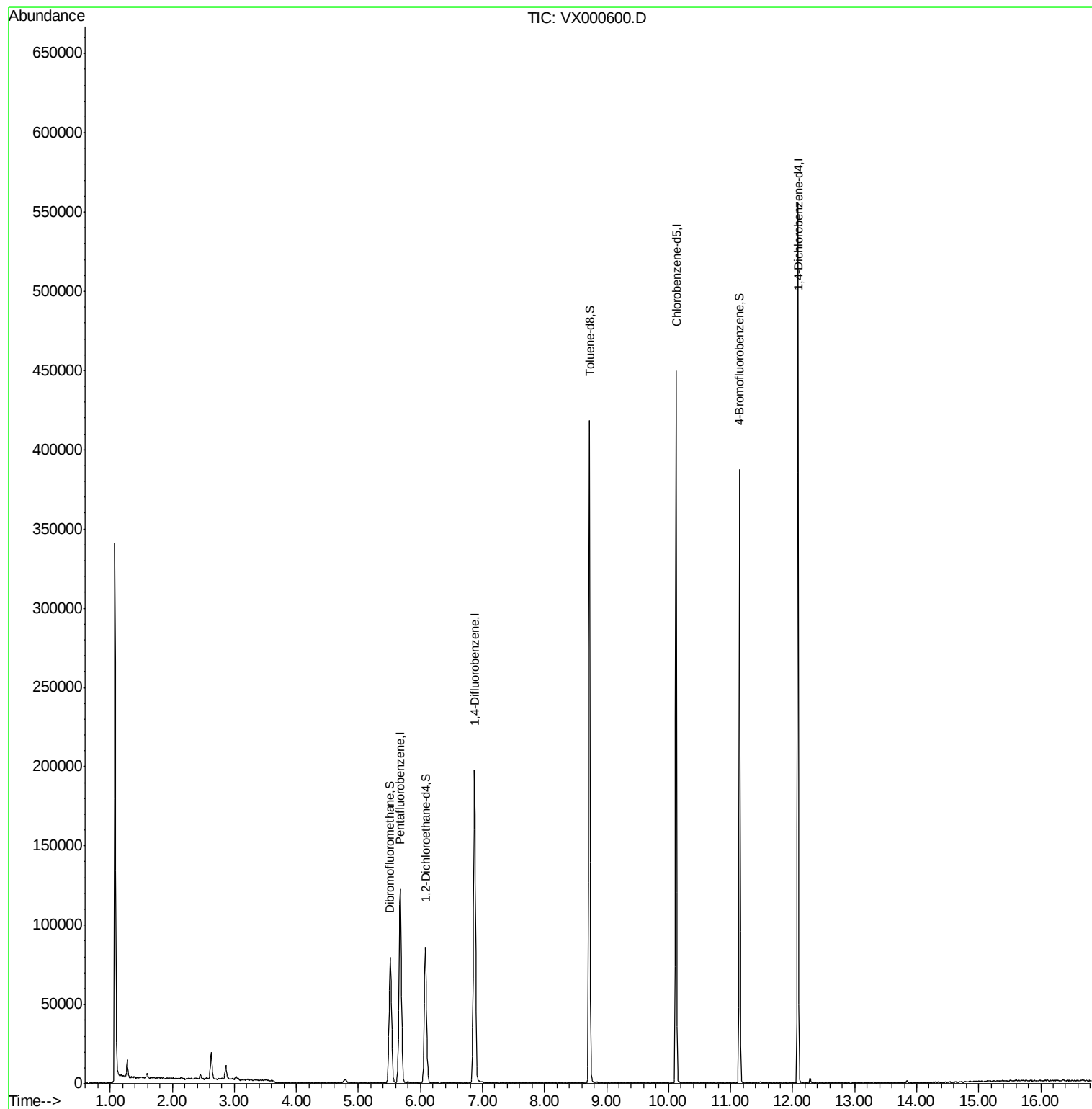
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78784	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
35) Dibromofluoromethane	5.51	113	60304	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.73	98	241748	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.15	95	86216	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	

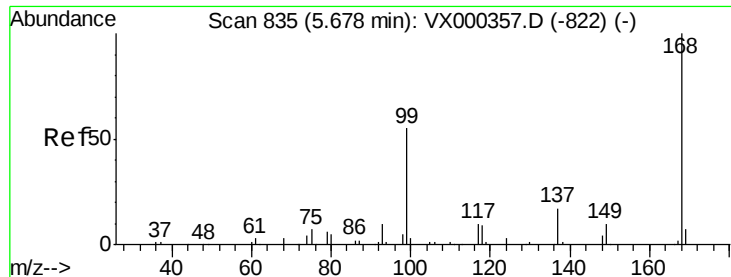
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000600.D

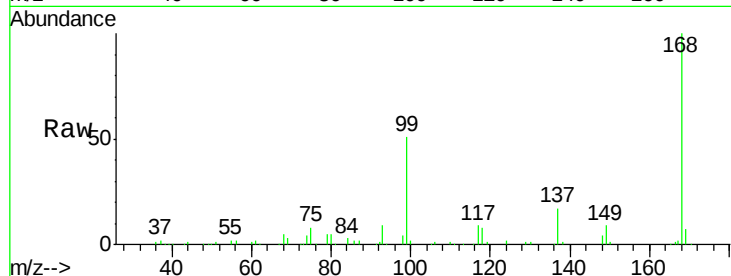
Acq: 31 Mar 2018 18:16

Tot Ion:168 Resp: 114360

Ion Ratio Lower Upper

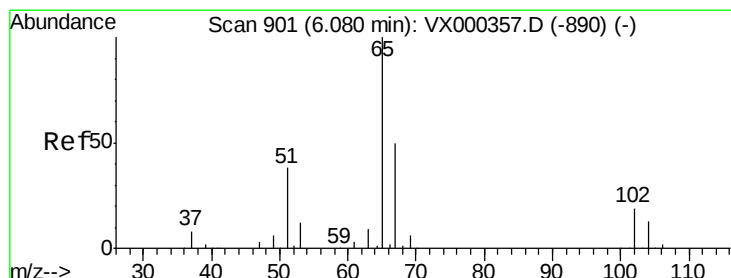
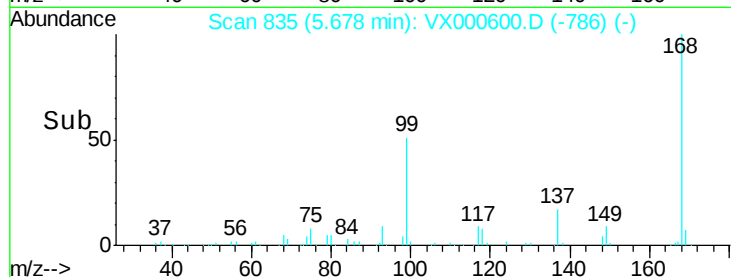
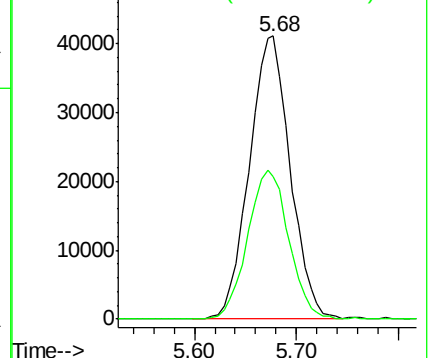
168 100

99 50.5 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: 52.78 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000600.D

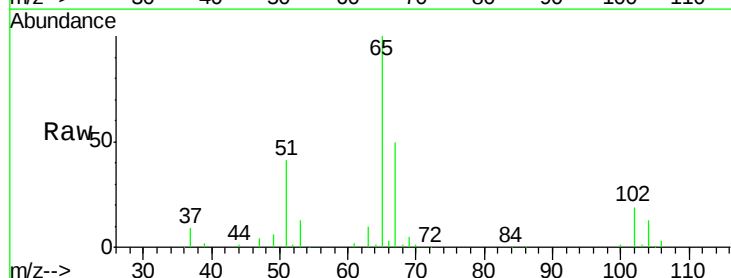
Acq: 31 Mar 2018 18:16

Tgt Ion: 65 Resp: 78784

Ion Ratio Lower Upper

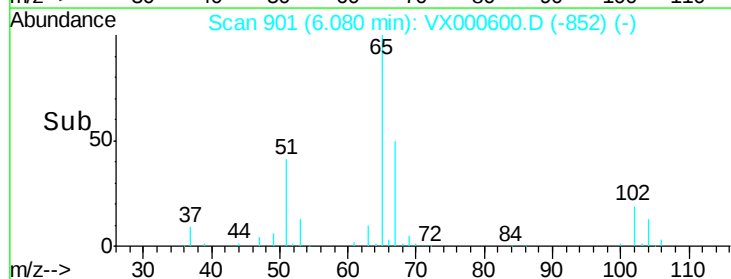
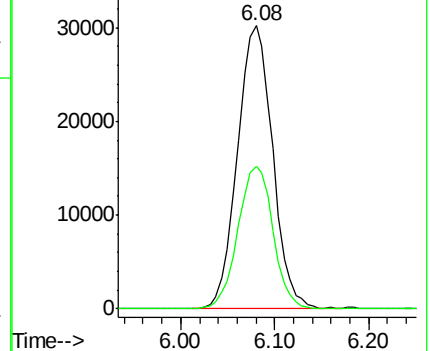
65 100

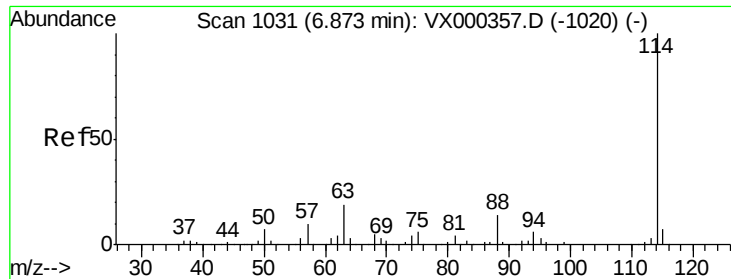
67 50.3 0.0 103.2



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: VX000600.D

Acq: 31 Mar 2018 18:16

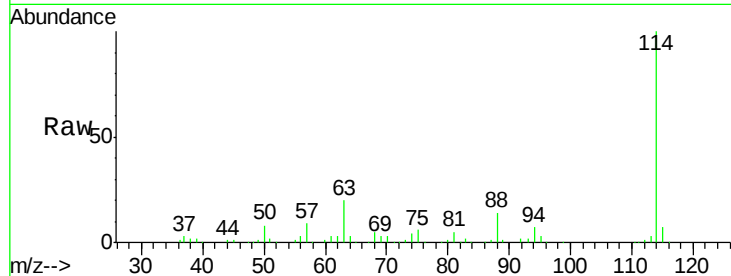
Tot Ion:114 Resp: 192967

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

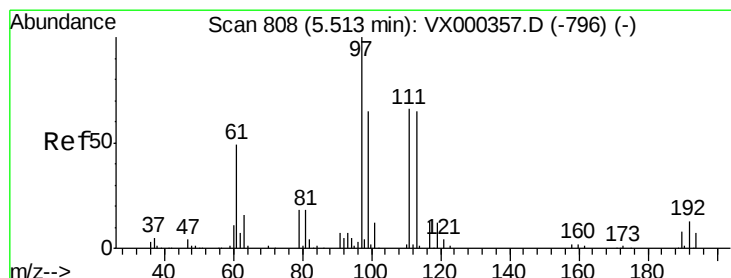
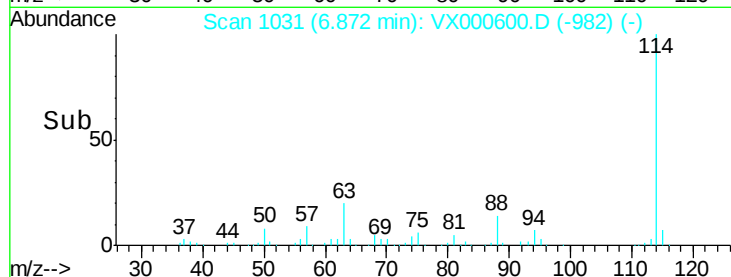
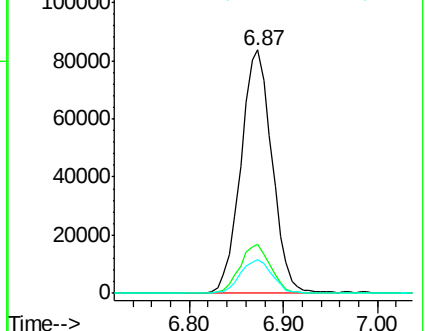
88 13.9 0.0 27.0



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: 49.60 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000600.D

Acq: 31 Mar 2018 18:16

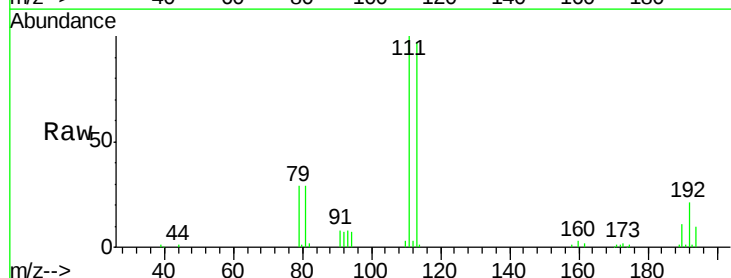
Tgt Ion:113 Resp: 60304

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

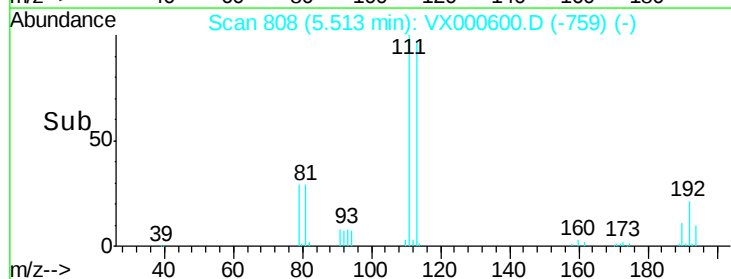
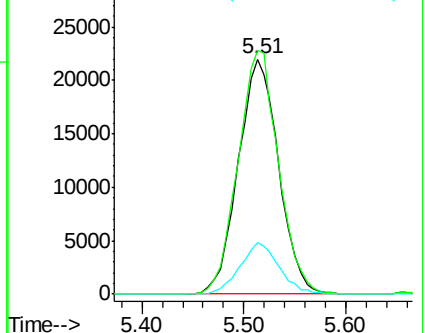
192 21.2 15.8 23.6

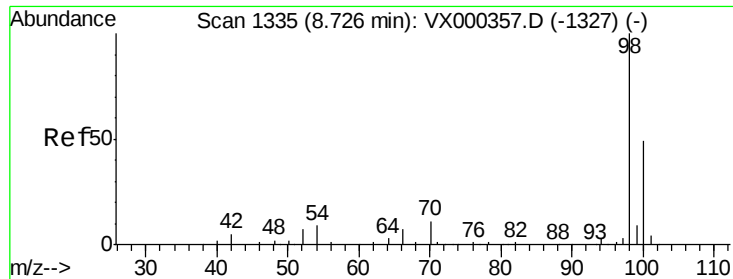


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.01 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000600.D

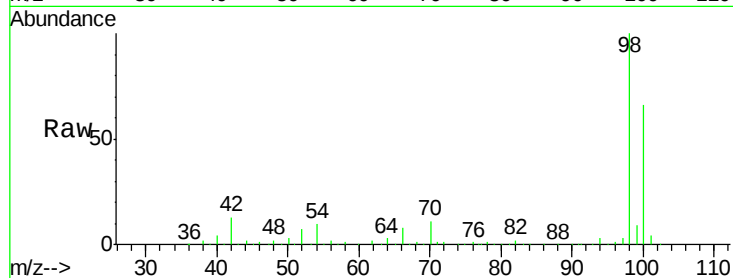
Acq: 31 Mar 2018 18:16

Tot Ion: 98 Resp: 241748

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

150000

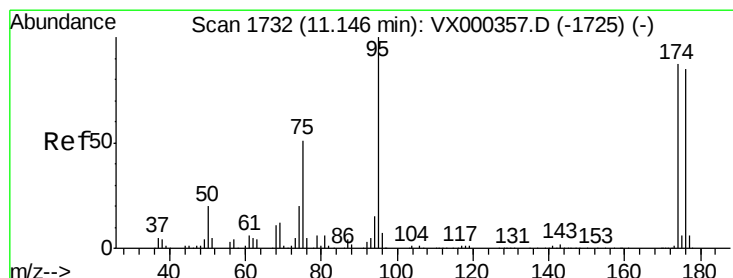
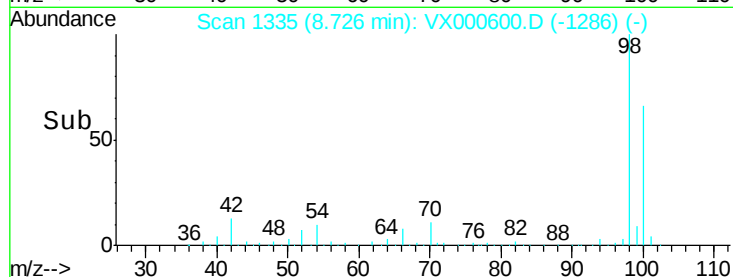
100000

50000

0

Time-->

8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 41.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000600.D

Acq: 31 Mar 2018 18:16

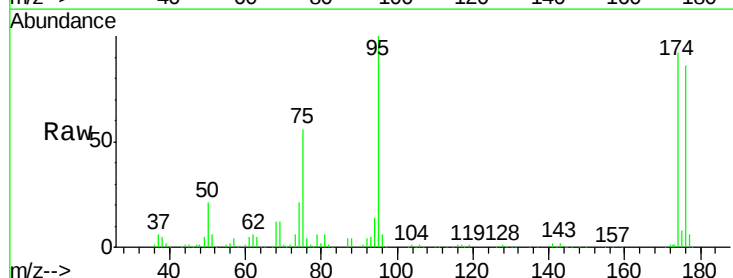
Tgt Ion: 95 Resp: 86216

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

176 87.1 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

11.15

80000

60000

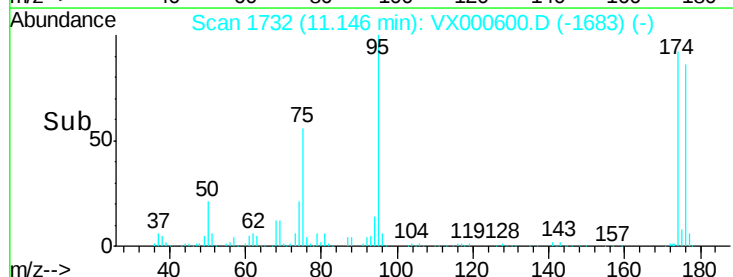
40000

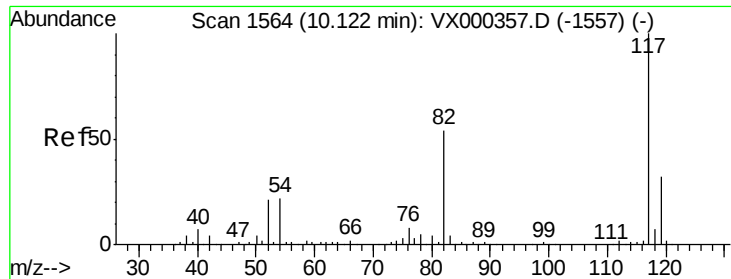
20000

0

Time-->

11.10 11.15 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000600.D

Acq: 31 Mar 2018 18:16

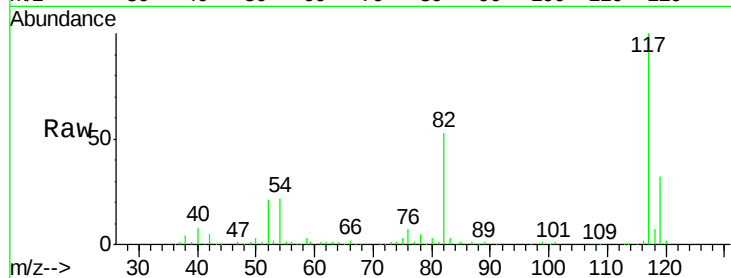
Tot Ion:117 Resp: 188536

Ion Ratio Lower Upper

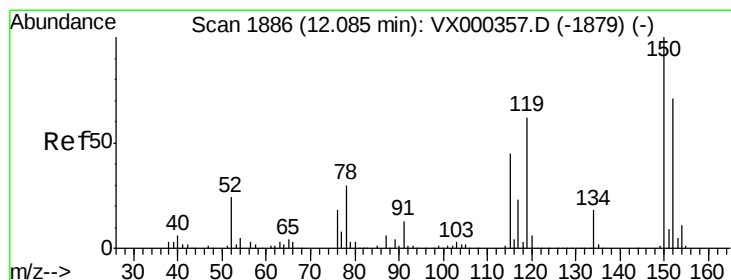
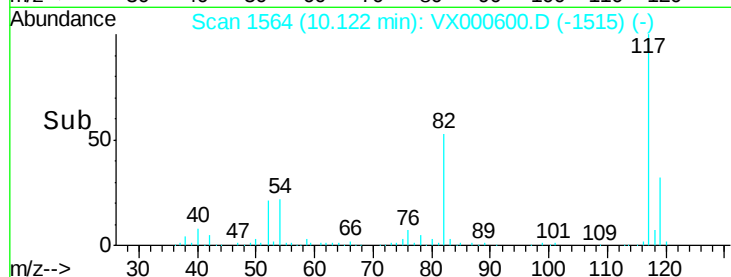
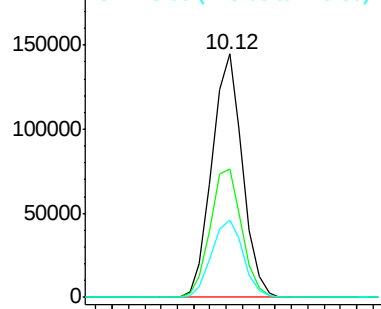
117 100

82 52.8 43.8 65.8

119 31.8 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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000600.D

Acq: 31 Mar 2018 18:16

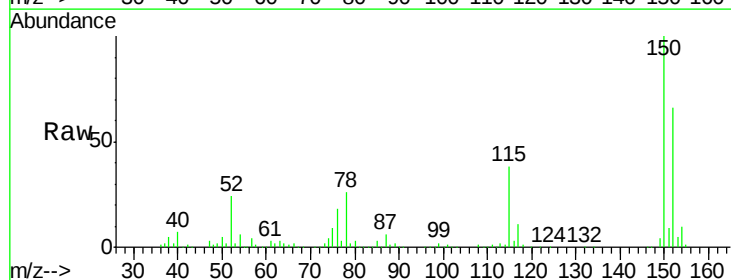
Tgt Ion:152 Resp: 104898

Ion Ratio Lower Upper

152 100

115 55.7 39.8 119.3

150 153.7 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

