

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000603.D
 Acq On : 31 Mar 2018 19:33
 Operator : JC/MD
 Sample : J2150-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 03 19:02:47 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	111958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100239	50.00	ug/l	0.00

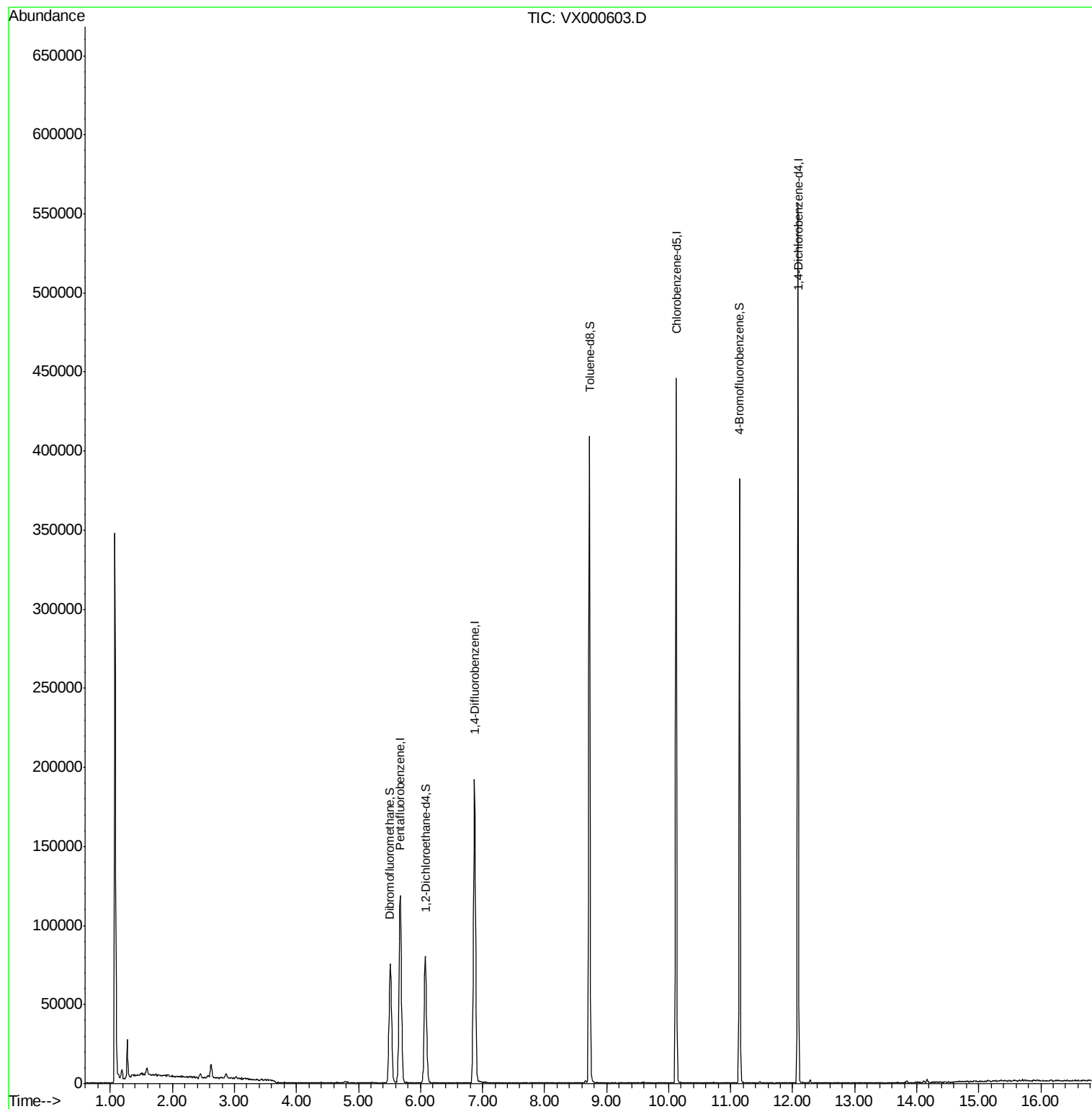
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	75613	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	59166	49.78	ug/l	0.00
Spiked Amount						
			Recovery	=	99.56%	
50) Toluene-d8	8.73	98	235240	47.79	ug/l	0.00
Spiked Amount						
			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.15	95	83212	41.24	ug/l	0.00
Spiked Amount						
			Recovery	=	82.48%	

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: VX000603.D

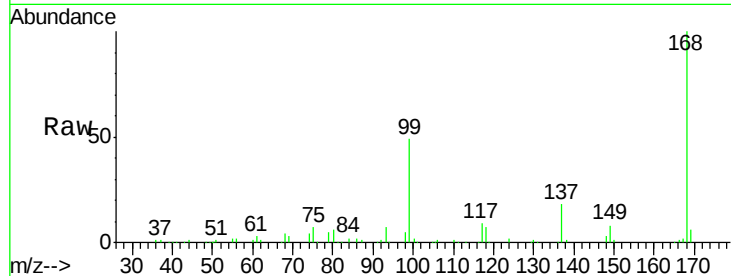
Acq: 31 Mar 2018 19:33

Tot Ion:168 Resp: 111958

Ion Ratio Lower Upper

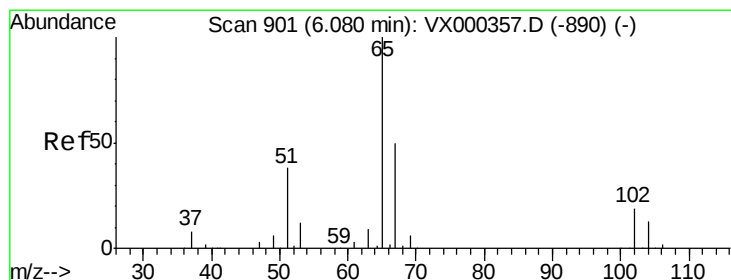
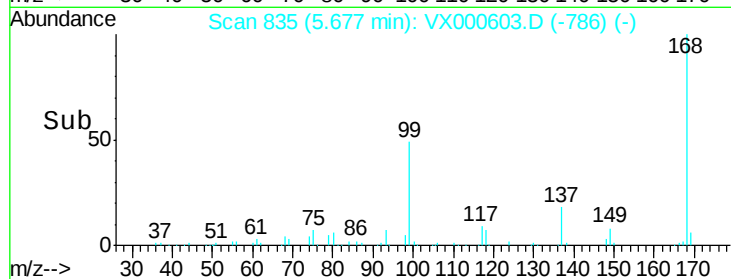
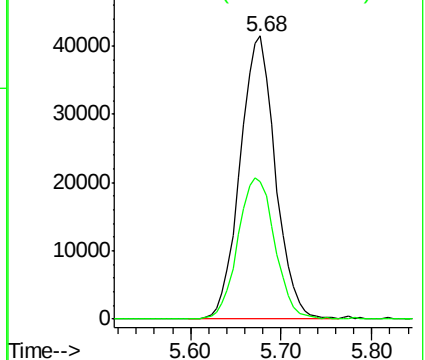
168 100

99 48.5 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: 51.74 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000603.D

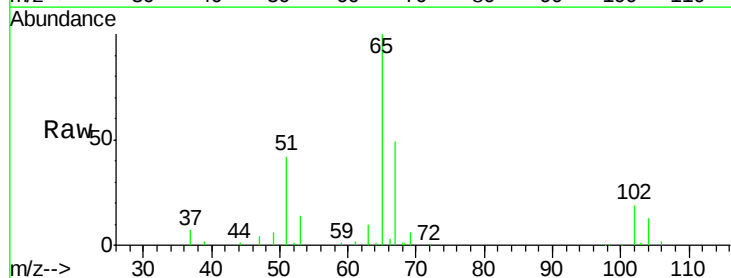
Acq: 31 Mar 2018 19:33

Tgt Ion: 65 Resp: 75613

Ion Ratio Lower Upper

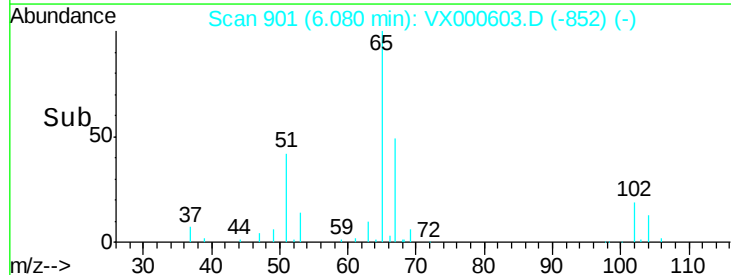
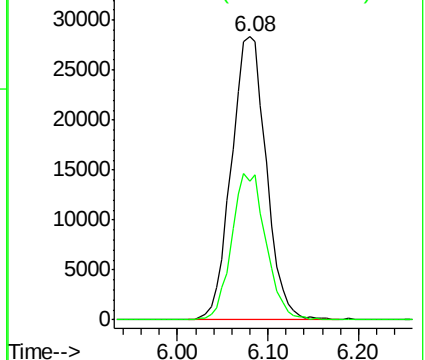
65 100

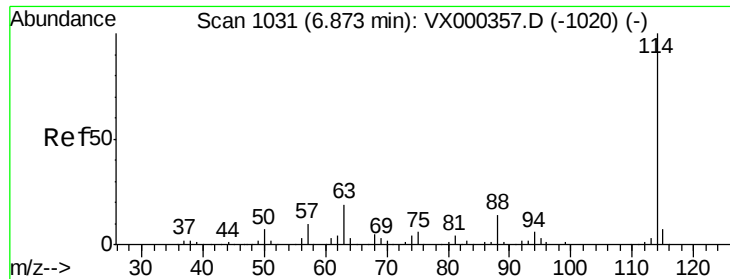
67 51.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

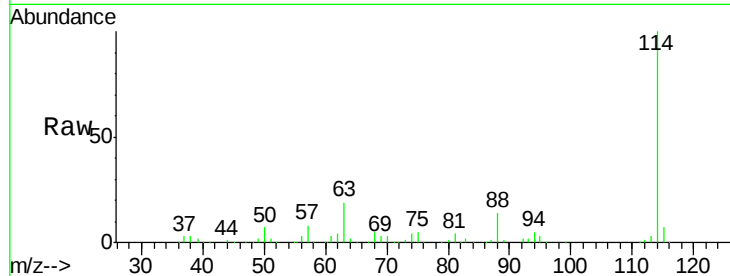
Ion 66.90 (66.60 to 67.60): VX0



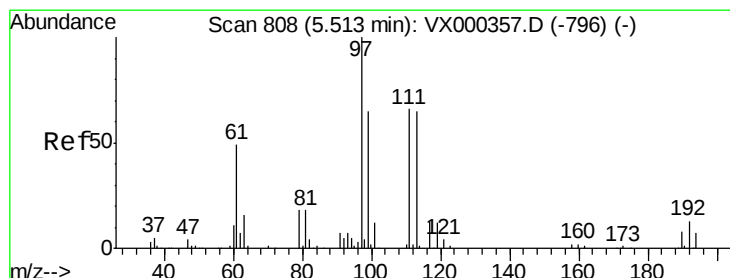
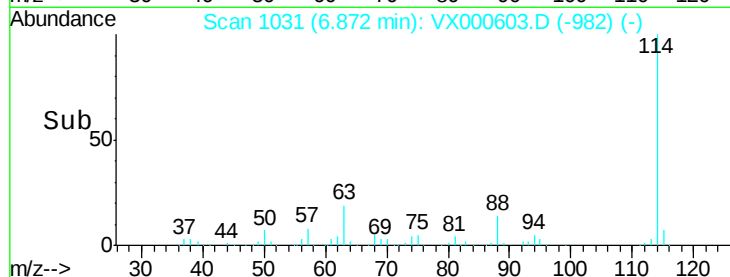
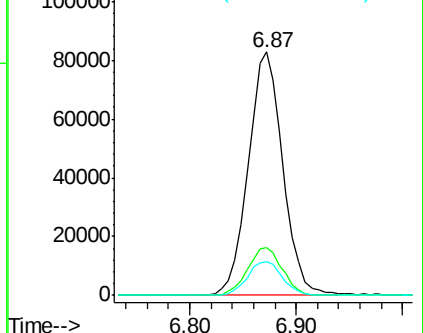


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000603.D
 Acq: 31 Mar 2018 19:33

Tot Ion:114 Resp: 188615
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 14.1 0.0 27.0

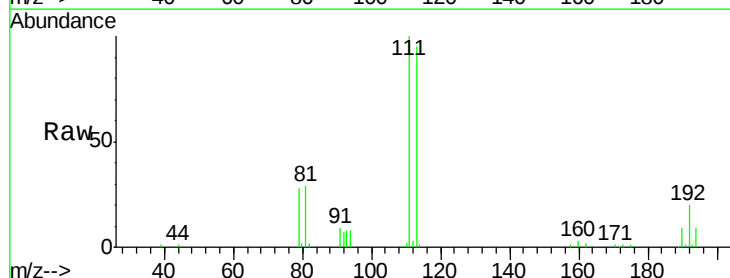


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

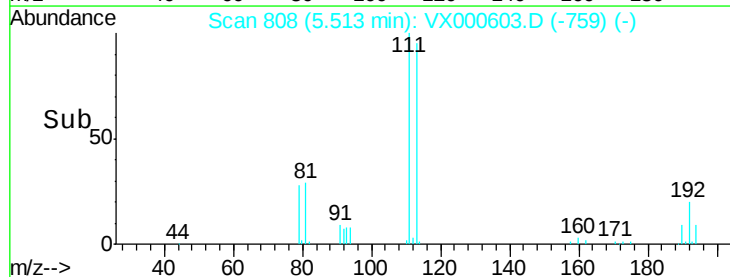
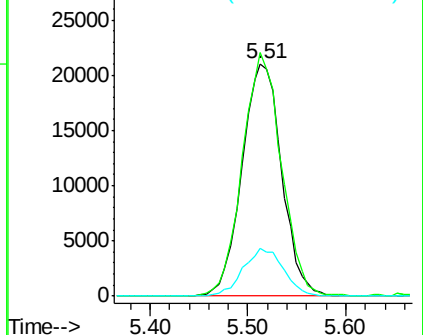


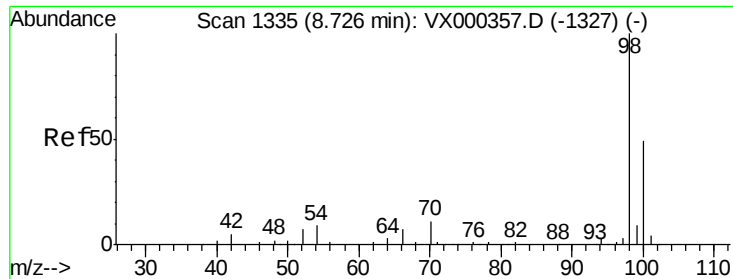
#35
 Dibromofluoromethane
 Concen: 49.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000603.D
 Acq: 31 Mar 2018 19:33

Tgt Ion:113 Resp: 59166
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.8 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: 47.79 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000603.D

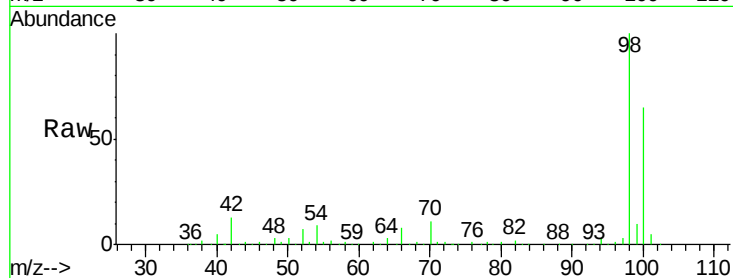
Acq: 31 Mar 2018 19:33

Tot Ion: 98 Resp: 235240

Ion Ratio Lower Upper

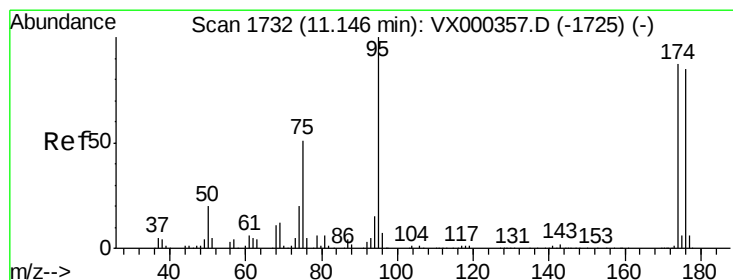
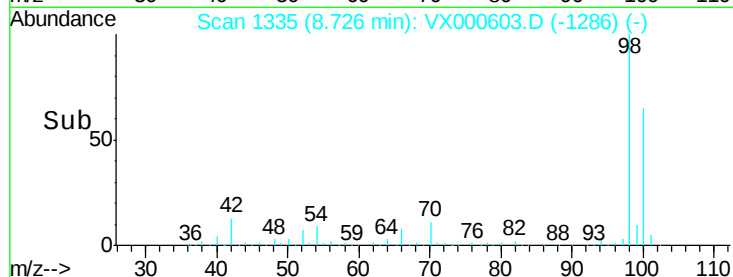
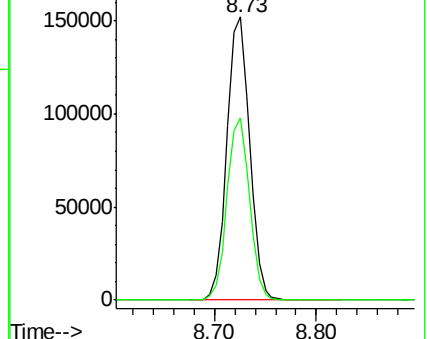
98 100

100 63.6 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: 41.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000603.D

Acq: 31 Mar 2018 19:33

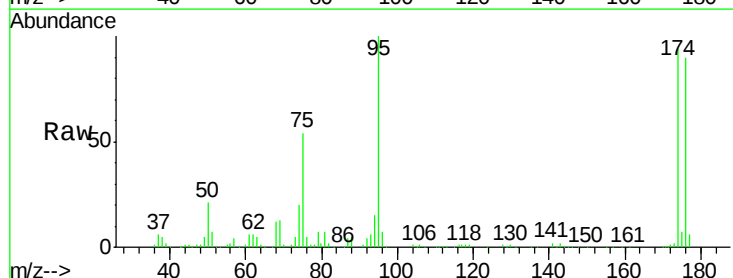
Tgt Ion: 95 Resp: 83212

Ion Ratio Lower Upper

95 100

174 91.6 0.0 173.6

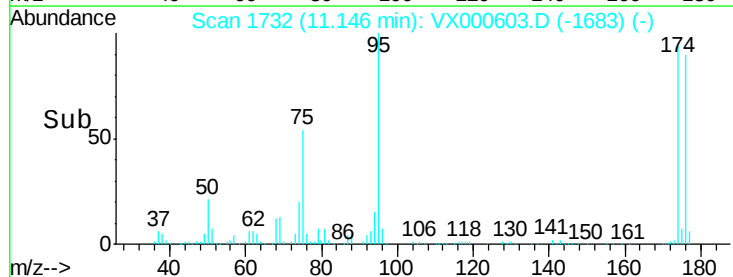
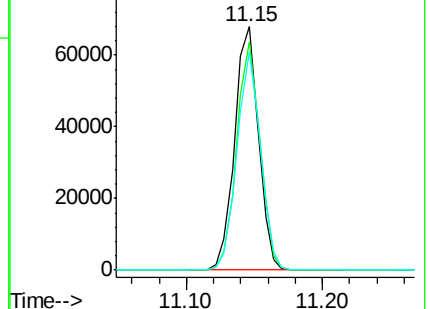
176 88.2 0.0 164.6

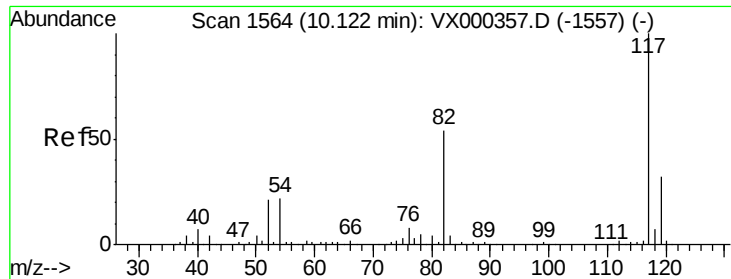


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

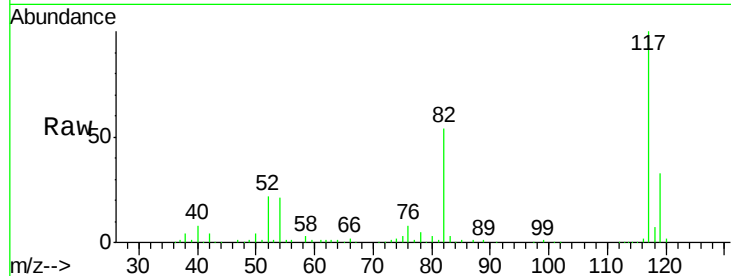
Ion 175.80 (175.50 to 176.50): V



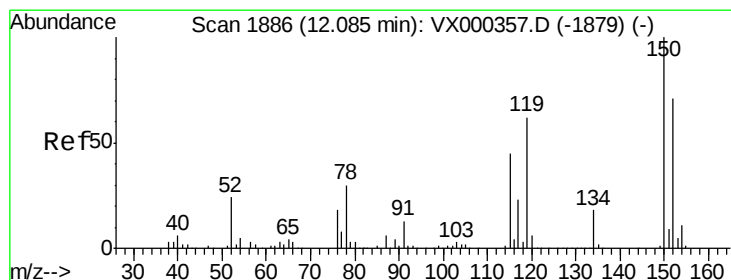
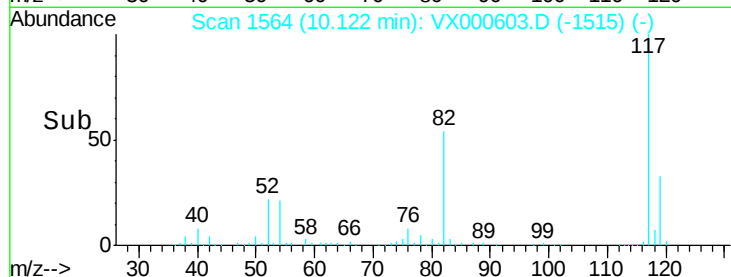
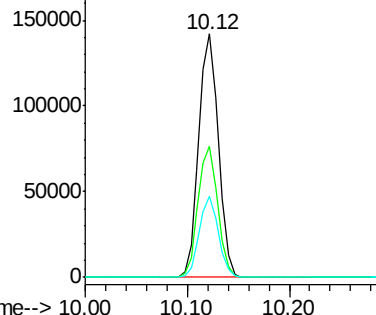


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000603.D
Acq: 31 Mar 2018 19:33

Tot Ion:117 Resp: 189109
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 33.1 24.9 37.3

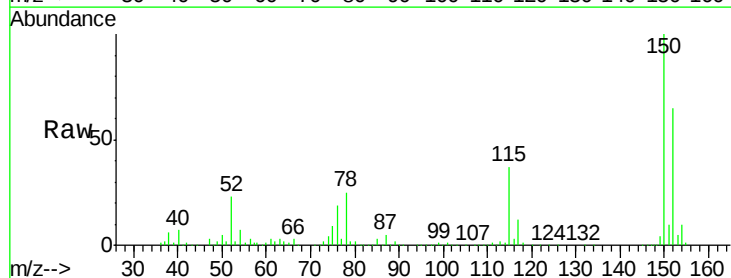


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000603.D
Acq: 31 Mar 2018 19:33

Tgt Ion:152 Resp: 100239
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 157.9 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

