

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000596.D
 Acq On : 31 Mar 2018 16:34
 Operator : JC/MD
 Sample : J1760-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

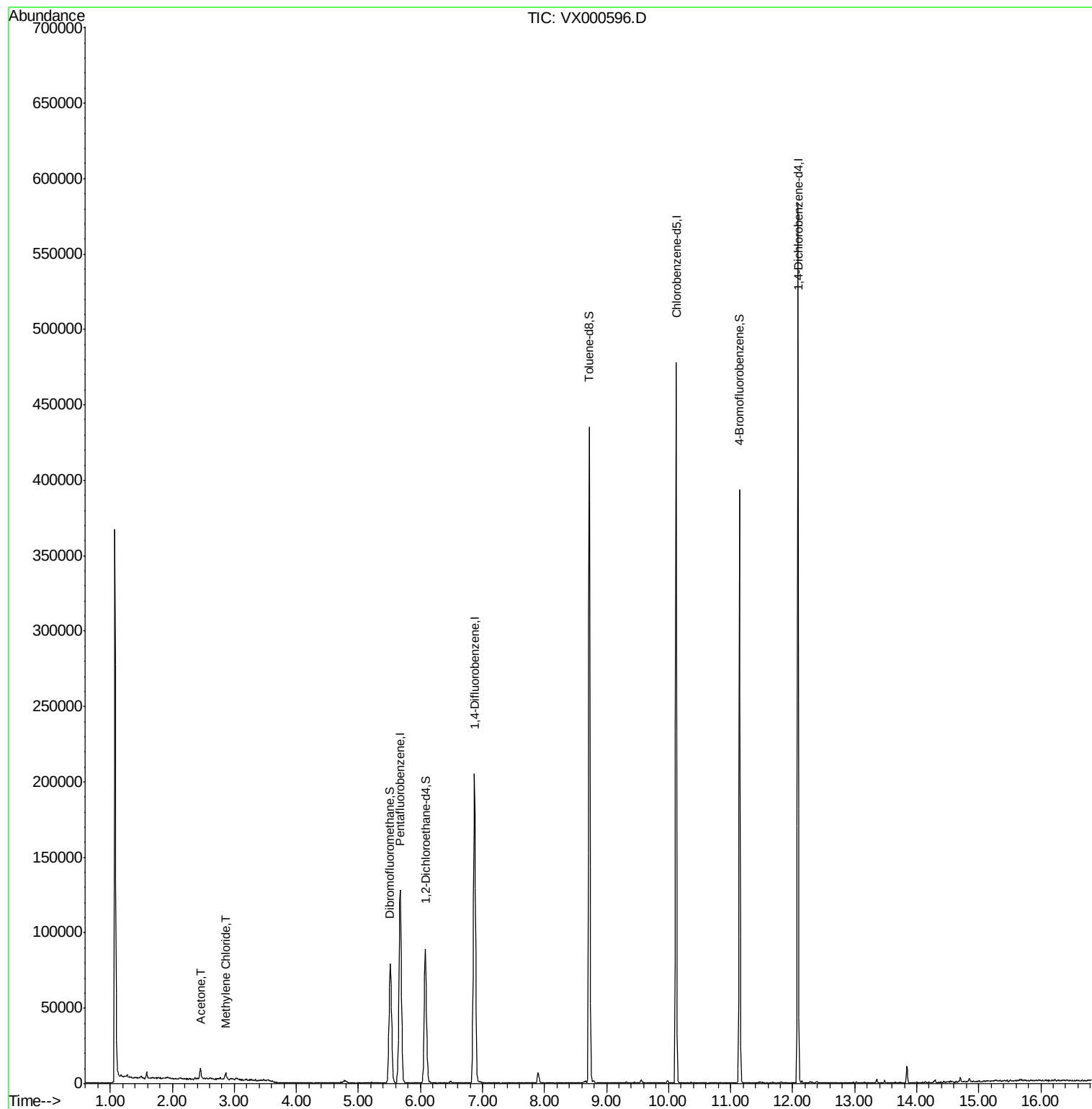
Quant Time: Apr 04 04:16:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

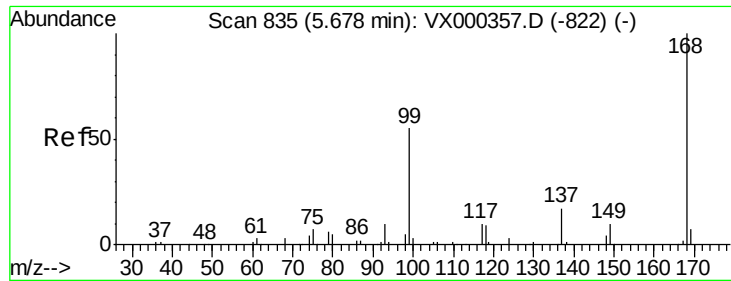
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	120812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	105784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80937	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	5.52	113	62182	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	8.72	98	256522	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.15	95	90574	41.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.46%	
Target Compounds						
16) Acetone	2.45	43	7611	5.80	ug/l #	85
20) Methylene Chloride	2.86	84	1900	1.25	ug/l #	81

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000596.D

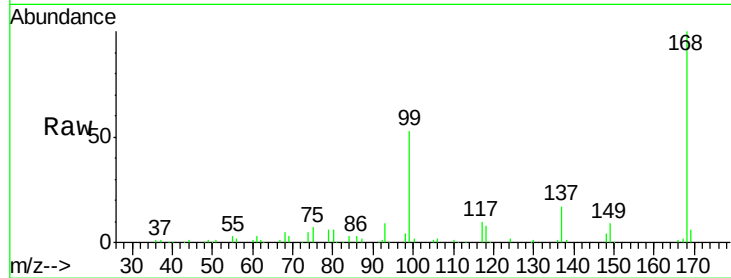
Acq: 31 Mar 2018 16:34

Tot Ion:168 Resp: 120812

Ion Ratio Lower Upper

168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

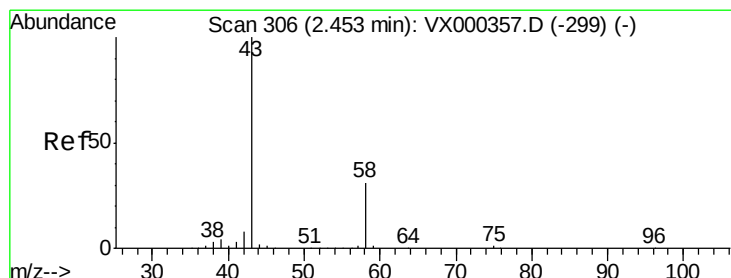
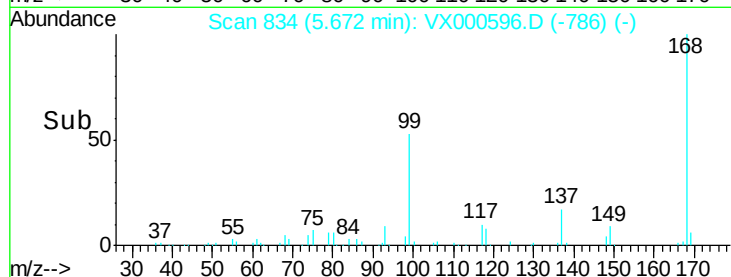
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000596.D

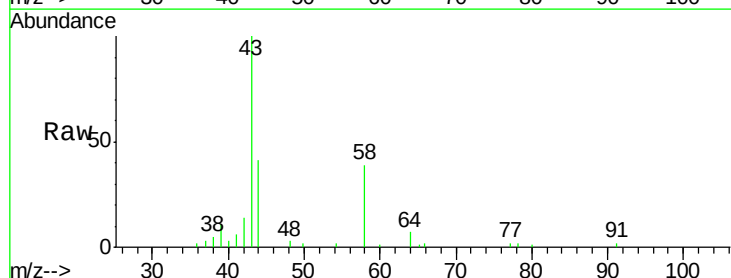
Acq: 31 Mar 2018 16:34

Tgt Ion: 43 Resp: 7611

Ion Ratio Lower Upper

43 100

58 38.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

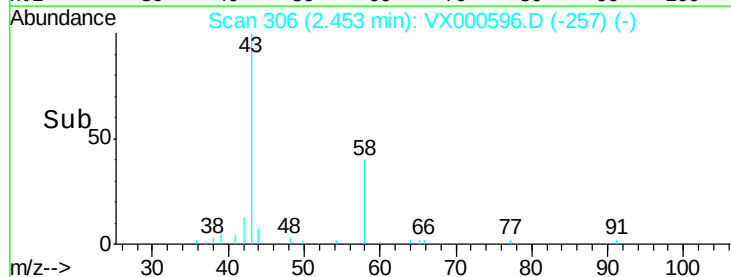
2000

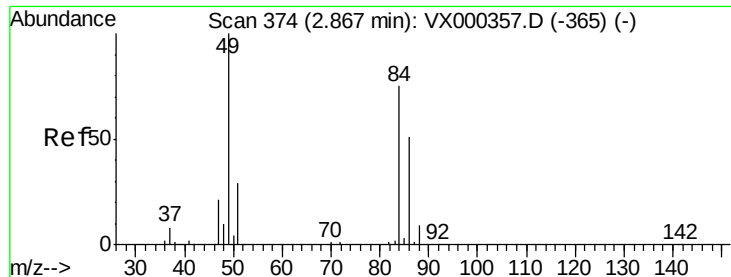
1000

0

2.40 2.45 2.50

Time-->





#20

Methylene Chloride

Concen: 1.25 ug/l

RT: 2.86 min Scan# 373

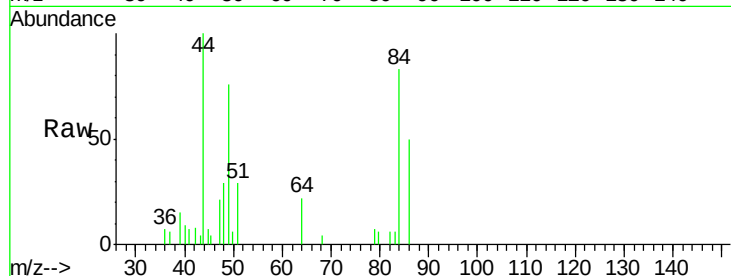
Delta R.T. -0.01 min

Lab File: VX000596.D

Acq: 31 Mar 2018 16:34

Tot Ion: 84 Resp: 1900

Ion	Ratio	Lower	Upper
84	100		
49	91.8	100.6	151.0#
51	35.1	31.6	47.4
86	60.7	52.6	78.8

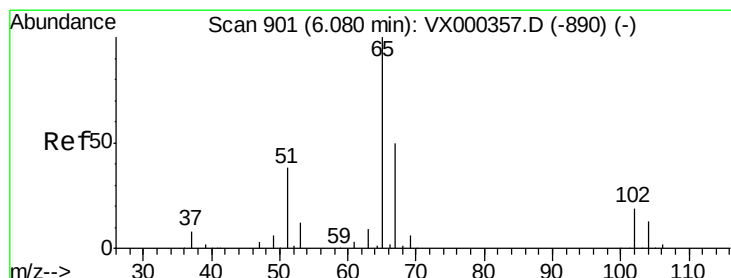
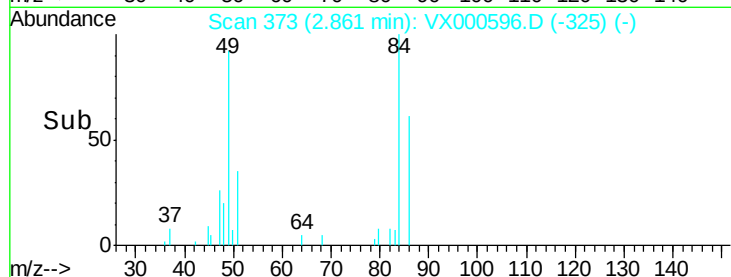
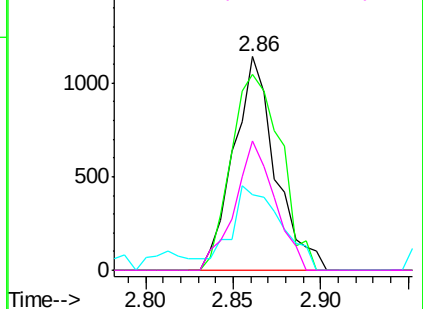


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.32 ug/l

RT: 6.08 min Scan# 901

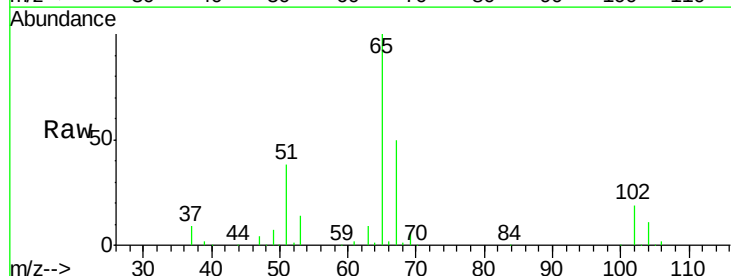
Delta R.T. 0.00 min

Lab File: VX000596.D

Acq: 31 Mar 2018 16:34

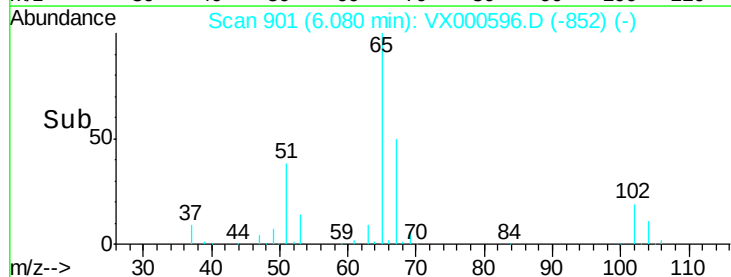
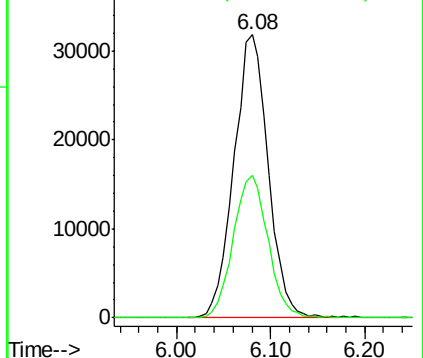
Tgt Ion: 65 Resp: 80937

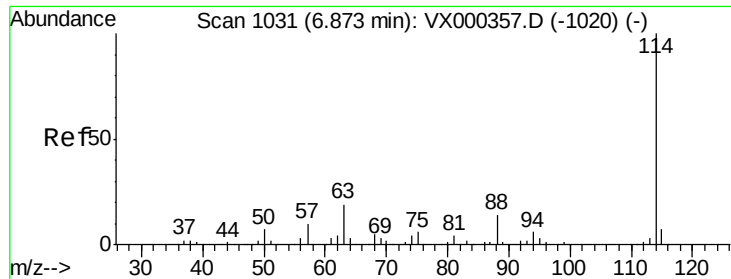
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

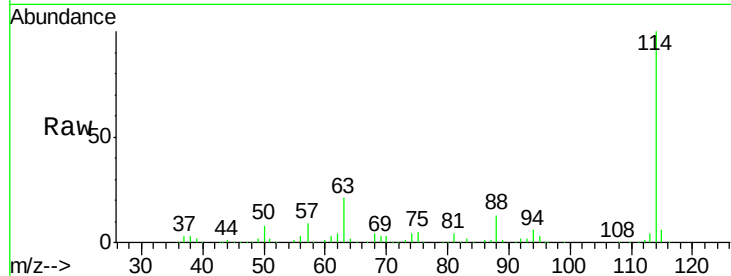
Ion 66.90 (66.60 to 67.60): VX0



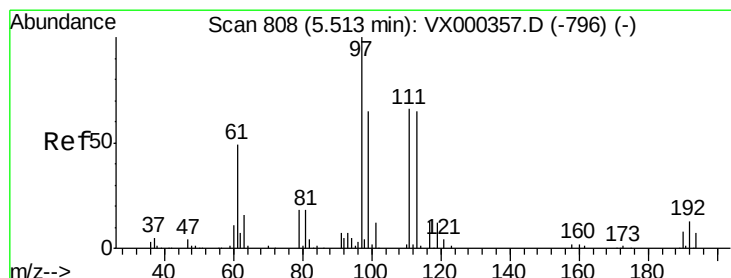
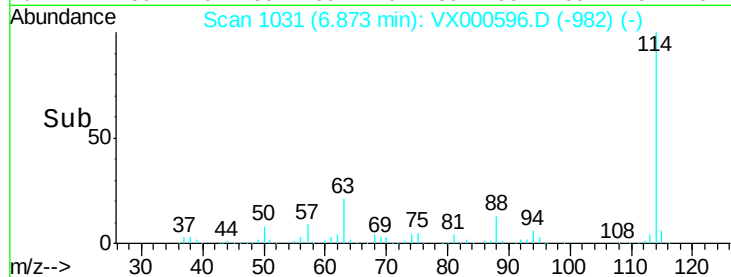
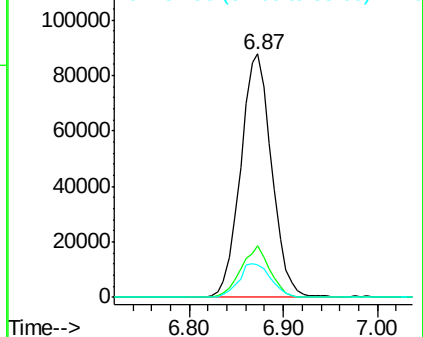


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000596.D
 Acq: 31 Mar 2018 16:34

Tot Ion:114 Resp: 202468
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.4
 88 13.4 0.0 27.0

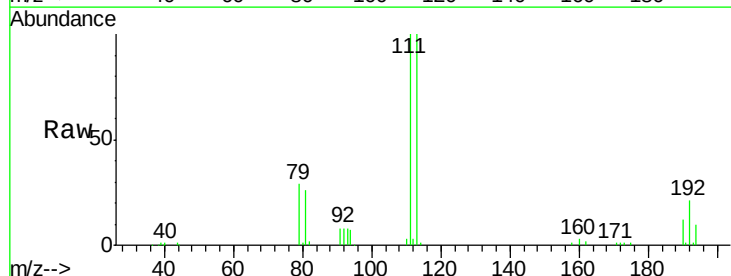


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

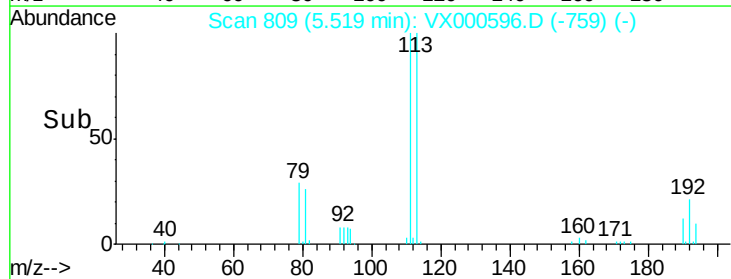
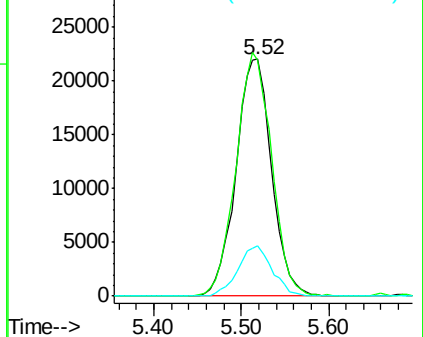


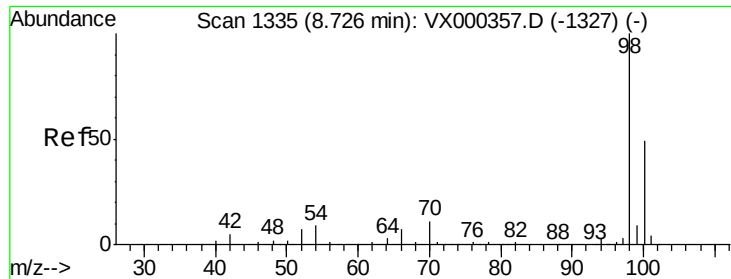
#35
 Dibromofluoromethane
 Concen: 48.74 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000596.D
 Acq: 31 Mar 2018 16:34

Tgt Ion:113 Resp: 62182
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.3 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: 48.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000596.D

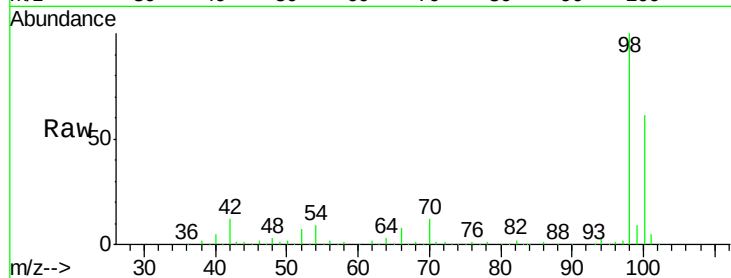
Acq: 31 Mar 2018 16:34

Tot Ion: 98 Resp: 256522

Ion Ratio Lower Upper

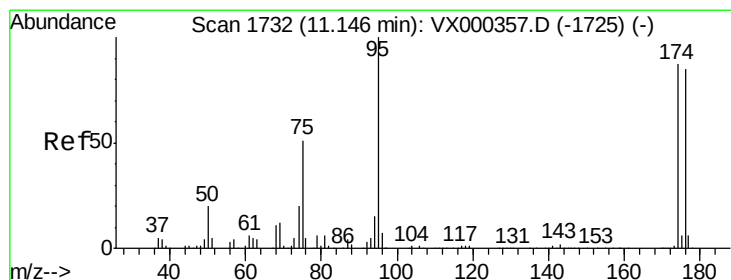
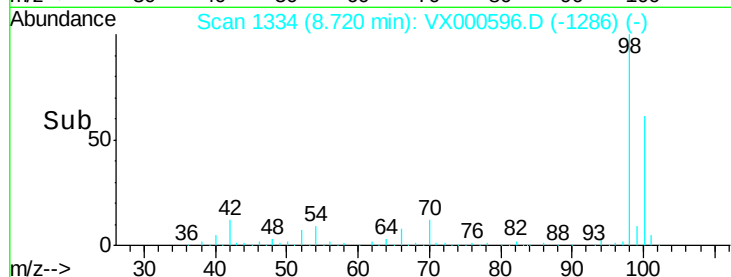
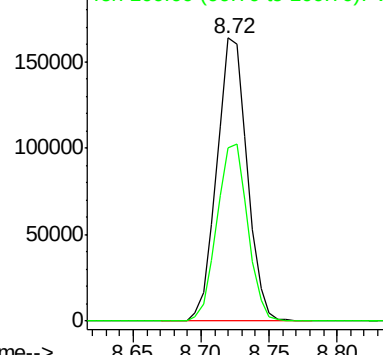
98 100

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: 41.73 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000596.D

Acq: 31 Mar 2018 16:34

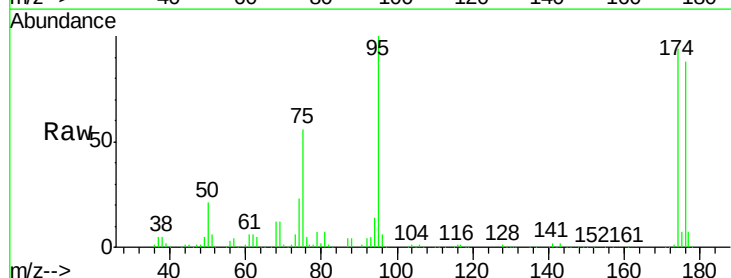
Tgt Ion: 95 Resp: 90574

Ion Ratio Lower Upper

95 100

174 90.7 0.0 173.6

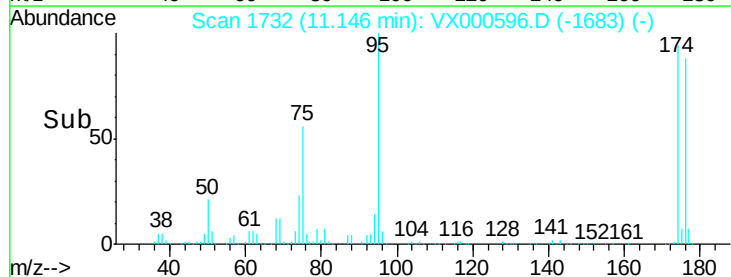
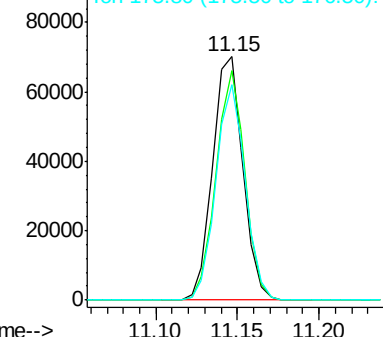
176 86.0 0.0 164.6

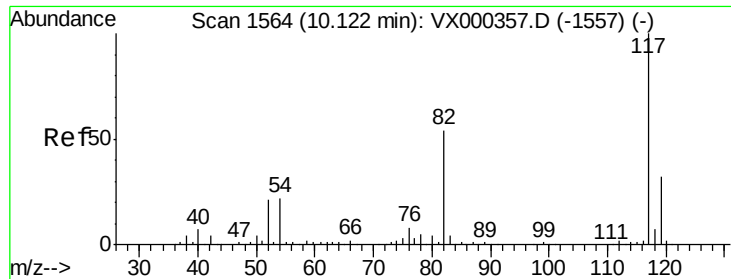


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX000596.D

Acq: 31 Mar 2018 16:34

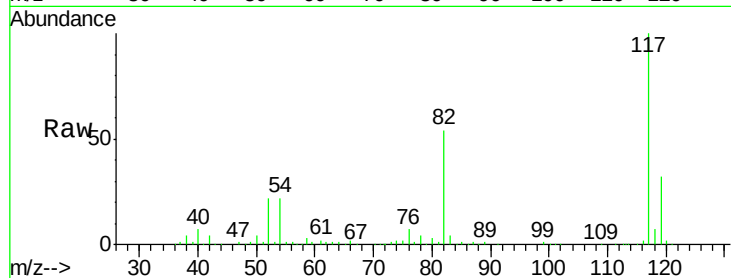
Tot Ion:117 Resp: 199510

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

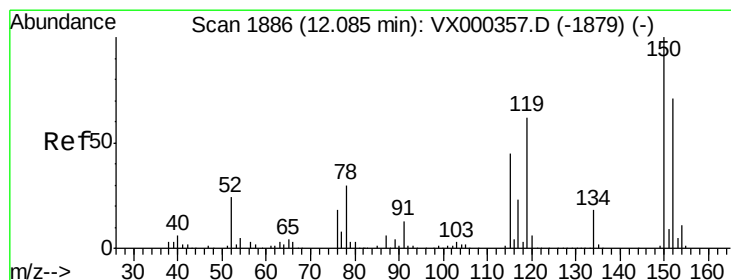
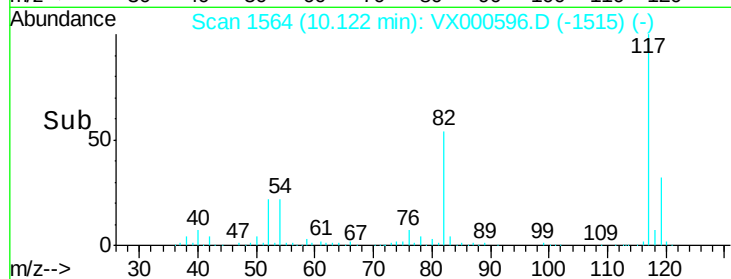
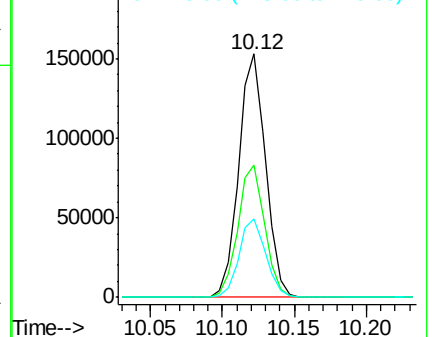
119 32.5 24.9 37.3



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000596.D

Acq: 31 Mar 2018 16:34

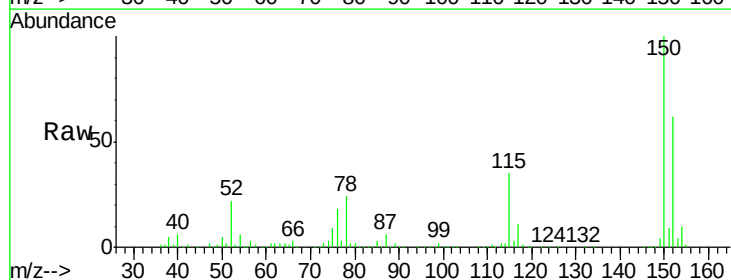
Tgt Ion:152 Resp: 105784

Ion Ratio Lower Upper

152 100

115 57.0 39.8 119.3

150 159.5 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

