

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000587.D
 Acq On : 31 Mar 2018 12:47
 Operator : JC/MD
 Sample : PB107822TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 06:19:02 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	139659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125515	50.00	ug/l	0.00

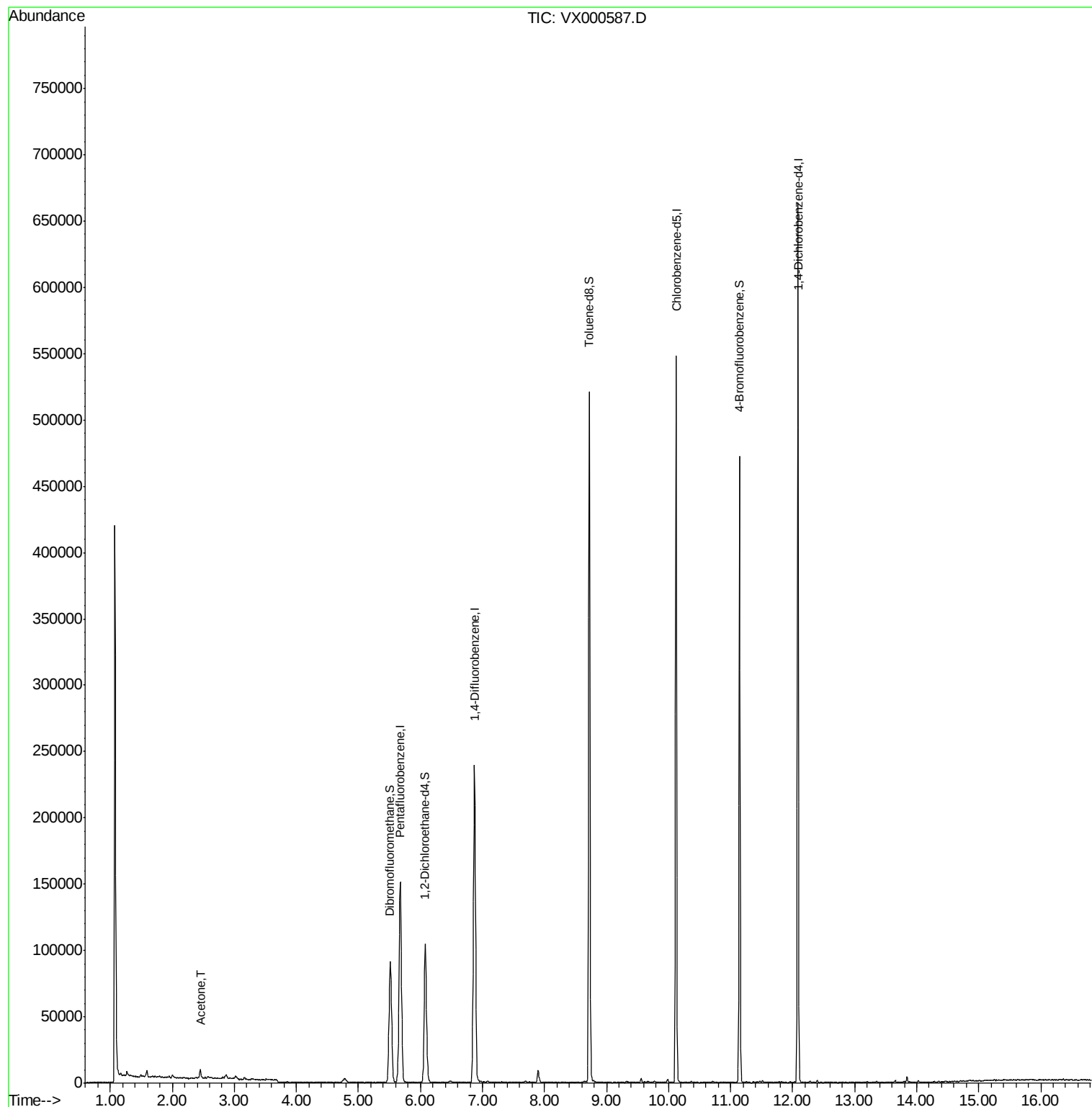
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	96598	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.52	113	72725	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.73	98	306717	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.15	95	109108	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	

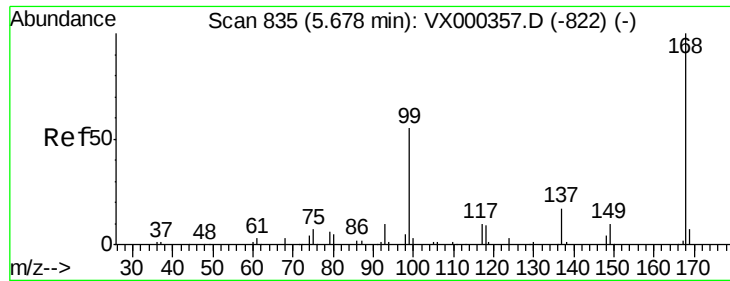
Target Compounds						Qvalue
16) Acetone	2.45	43	7102	4.68	ug/l	# 89

(#) = 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: VX000587.D

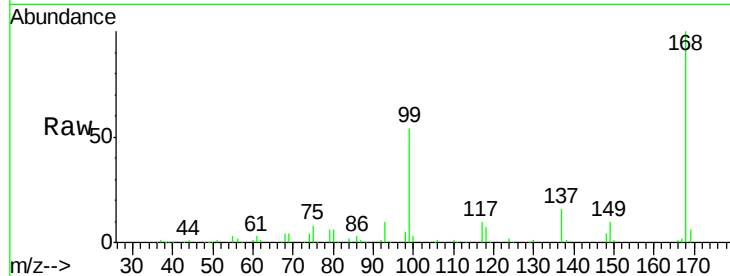
Acq: 31 Mar 2018 12:47

Tot Ion:168 Resp: 139659

Ion Ratio Lower Upper

168 100

99 53.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

30000

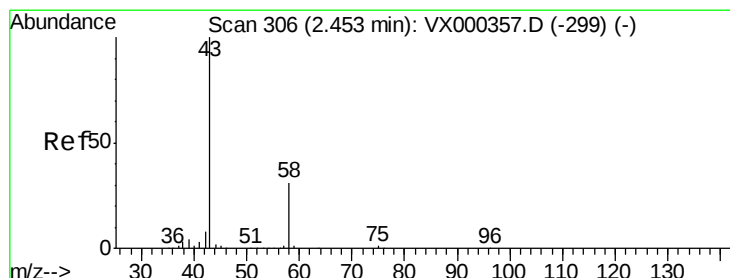
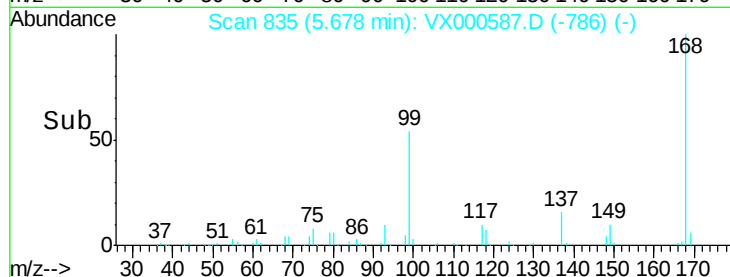
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 4.68 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000587.D

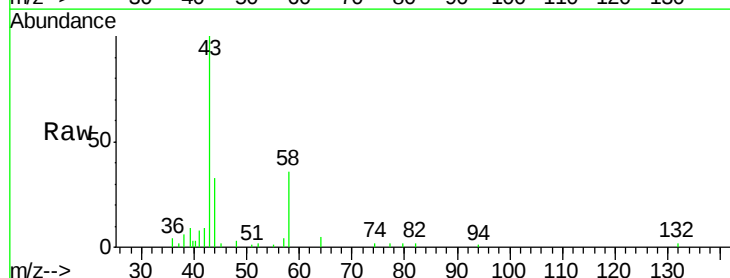
Acq: 31 Mar 2018 12:47

Tgt Ion: 43 Resp: 7102

Ion Ratio Lower Upper

43 100

58 37.1 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

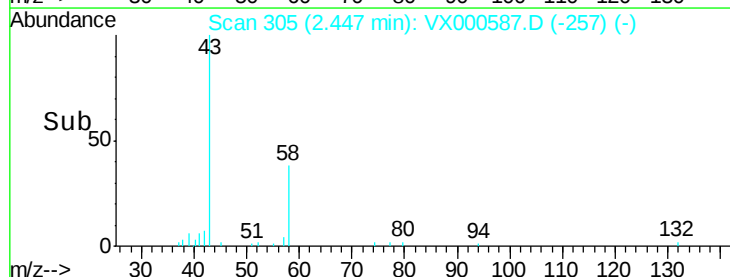
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 52.99 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000587.D

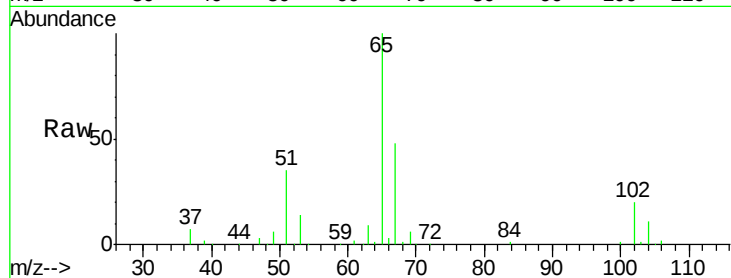
Acq: 31 Mar 2018 12:47

Tot Ion: 65 Resp: 96598

Ion Ratio Lower Upper

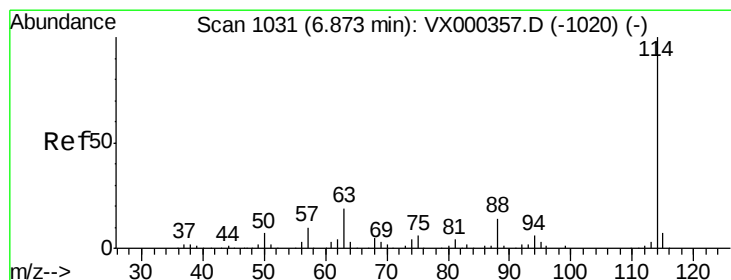
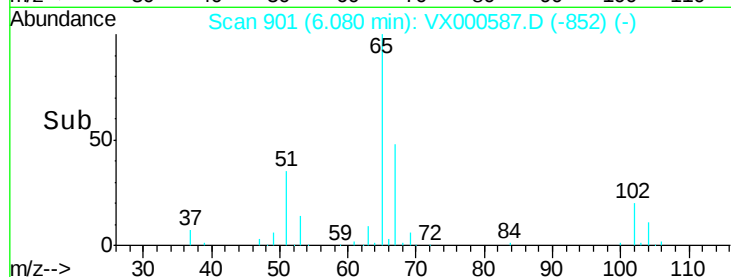
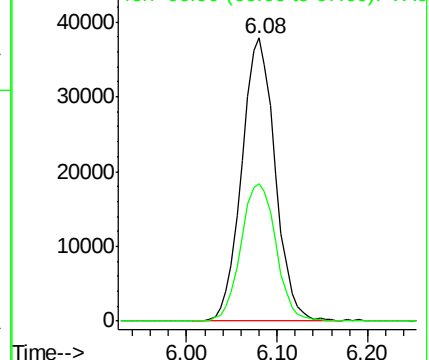
65 100

67 51.1 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: VX000587.D

Acq: 31 Mar 2018 12:47

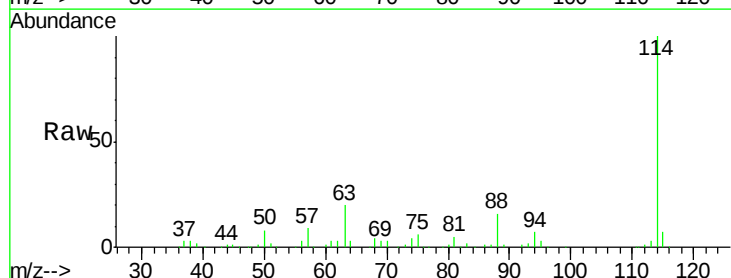
Tgt Ion: 114 Resp: 236366

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

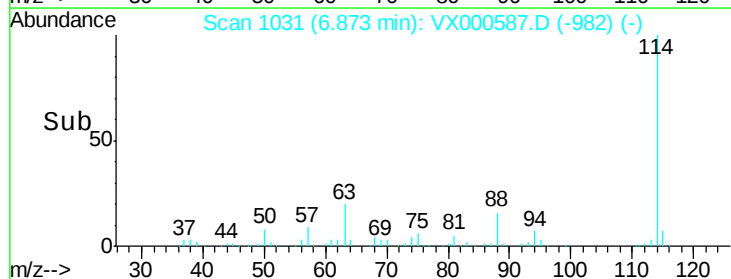
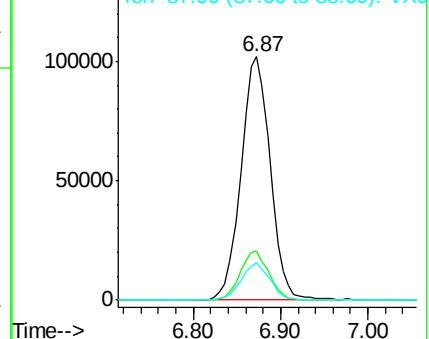
88 15.7 0.0 27.0

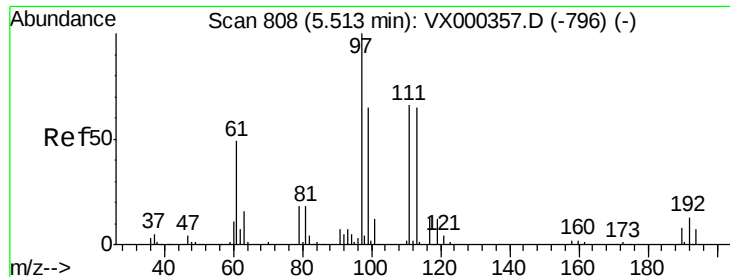


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.83 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000587.D

Acq: 31 Mar 2018 12:47

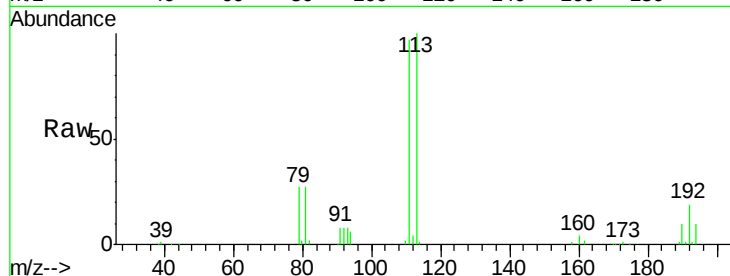
Tot Ion:113 Resp: 72725

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

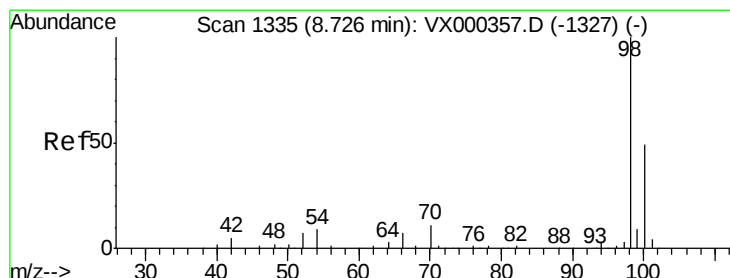
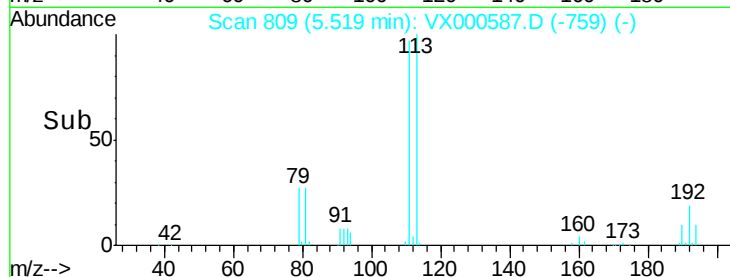
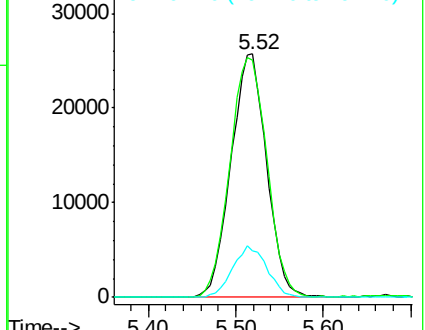
192 20.4 15.8 23.6



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: 49.73 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000587.D

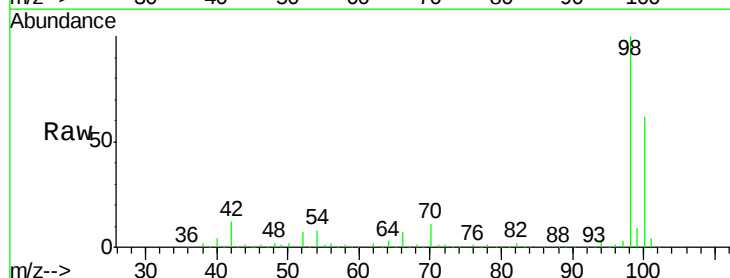
Acq: 31 Mar 2018 12:47

Tgt Ion: 98 Resp: 306717

Ion Ratio Lower Upper

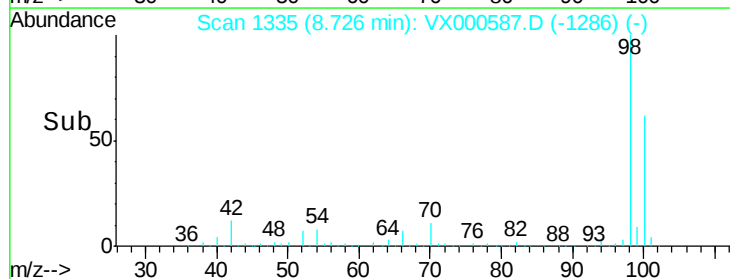
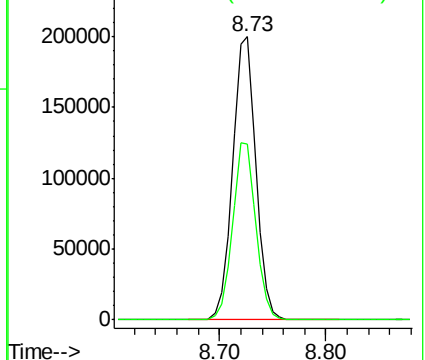
98 100

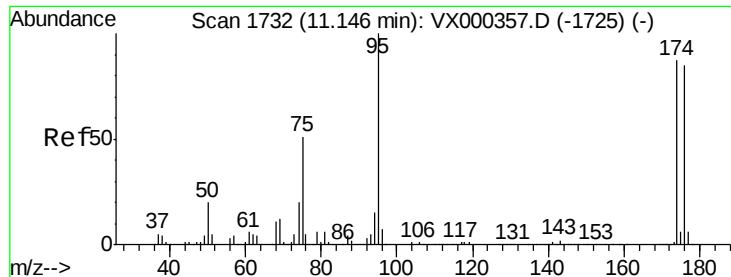
100 62.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.86 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000587.D

Acq: 31 Mar 2018 12:47

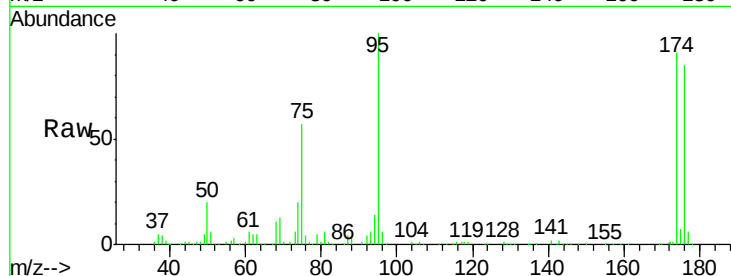
Tot Ion: 95 Resp: 109108

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	173.6
176	83.8	0.0	164.6

95 100

174 87.3 0.0 173.6

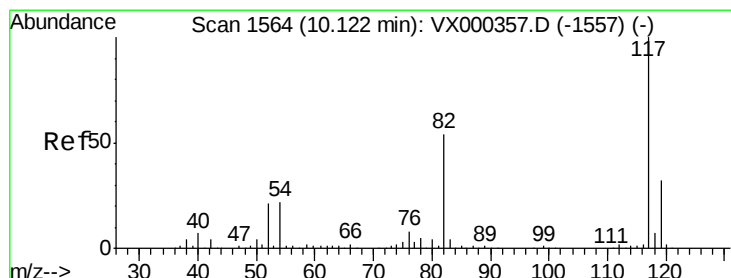
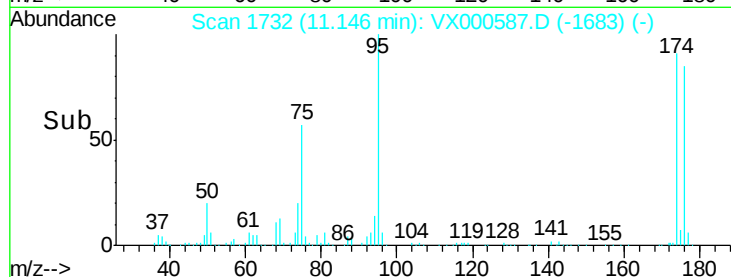
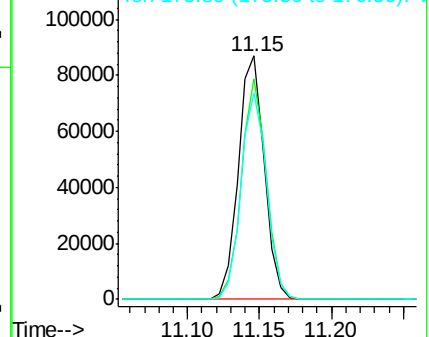
176 83.8 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000587.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000587.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000587.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000587.D

Acq: 31 Mar 2018 12:47

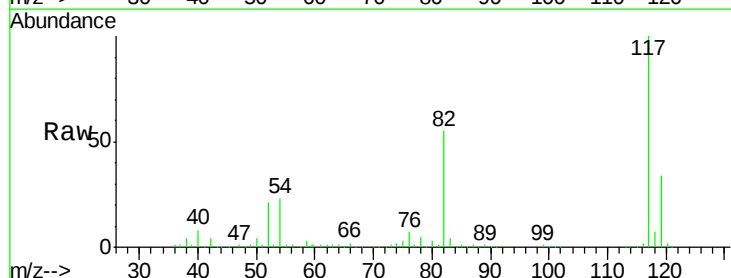
Tgt Ion: 117 Resp: 235901

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.8
119	33.9	24.9	37.3

117 100

82 54.6 43.8 65.8

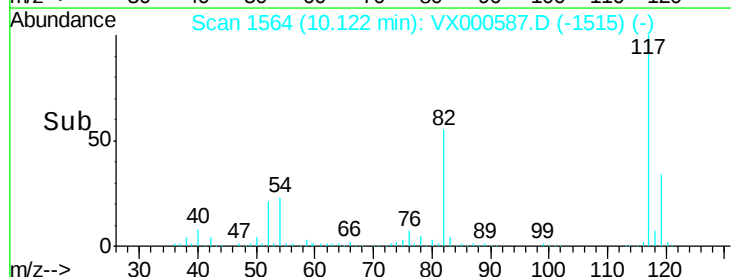
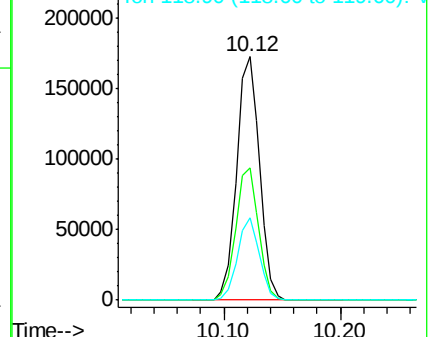
119 33.9 24.9 37.3

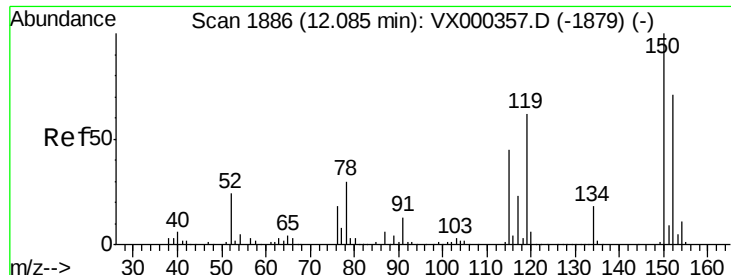


Abundance Ion 116.90 (116.60 to 117.60): VX000587.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000587.D (-1515) (-)

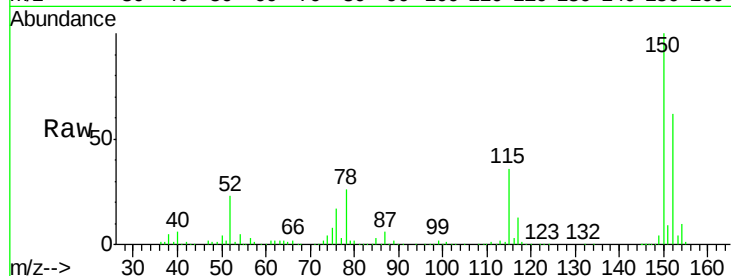
Ion 118.90 (118.60 to 119.60): VX000587.D (-1515) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000587.D
 Acq: 31 Mar 2018 12:47

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.8	119.3
150	157.8	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

