

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000592.D
 Acq On : 31 Mar 2018 14:52
 Operator : JC/MD
 Sample : J2142-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

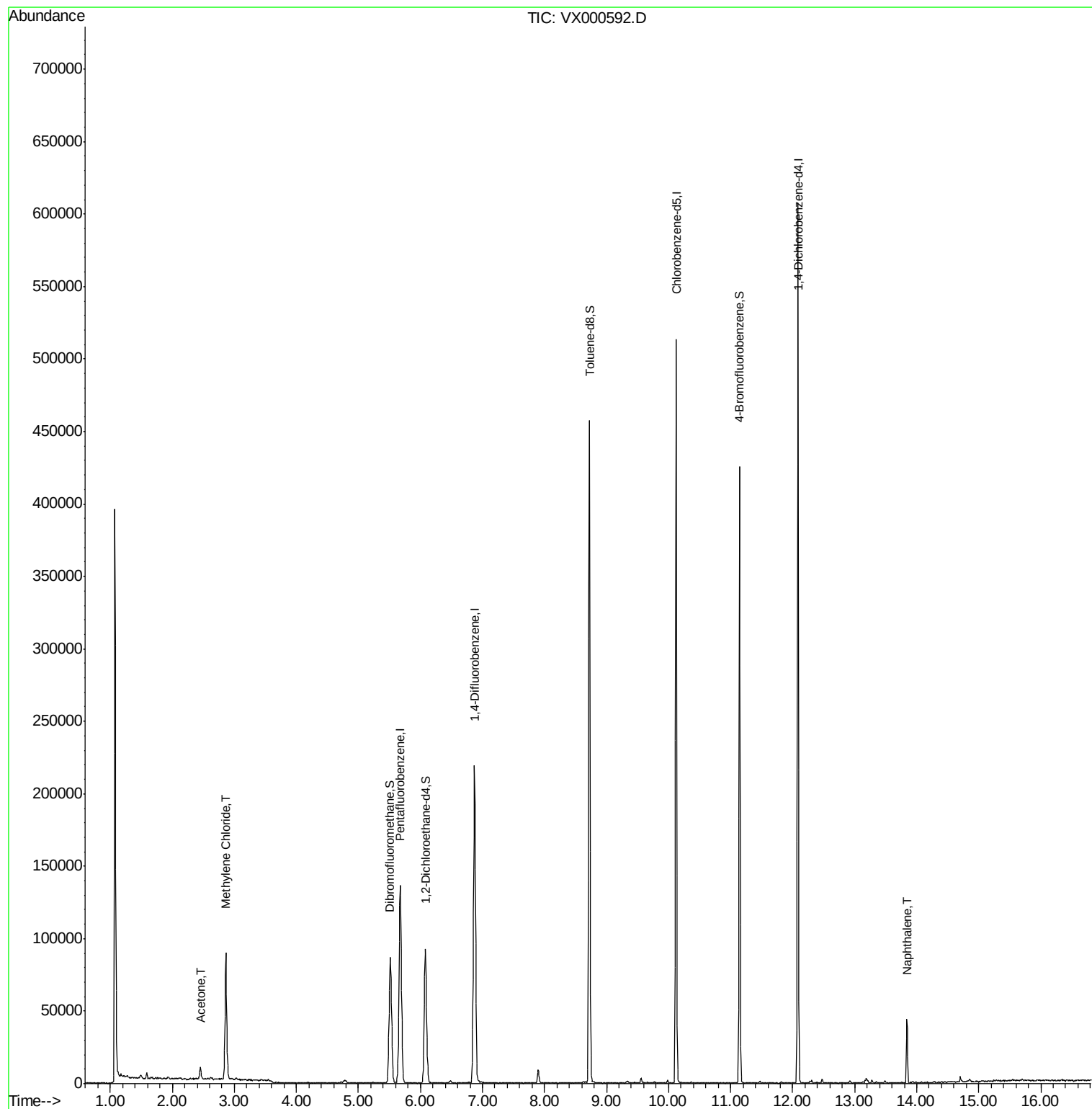
Quant Time: Apr 02 07:04:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

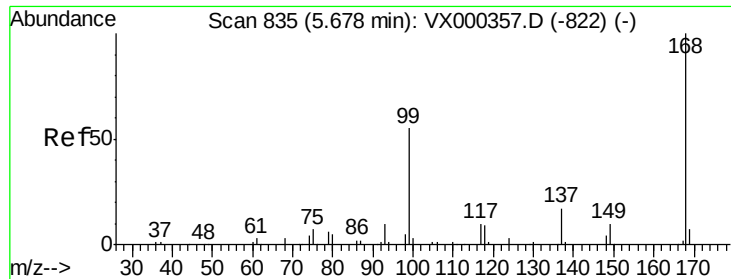
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	126878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	85989	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
35) Dibromofluoromethane	5.51	113	65772	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.73	98	268583	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.15	95	94863	41.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.66%	
Target Compounds						
16) Acetone	2.45	43	9400	6.82	ug/l	93
20) Methylene Chloride	2.86	84	37948	23.85	ug/l	98
95) Naphthalene	13.84	128	26317	2.82	ug/l	98

(#) = 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: VX000592.D

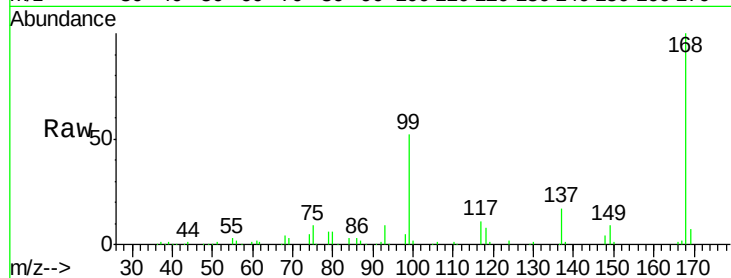
Acq: 31 Mar 2018 14:52

Tot Ion:168 Resp: 126878

Ion Ratio Lower Upper

168 100

99 52.4 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

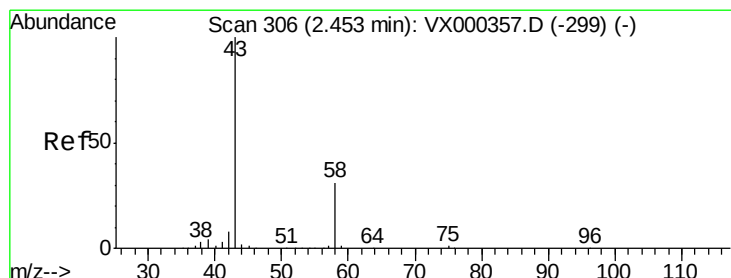
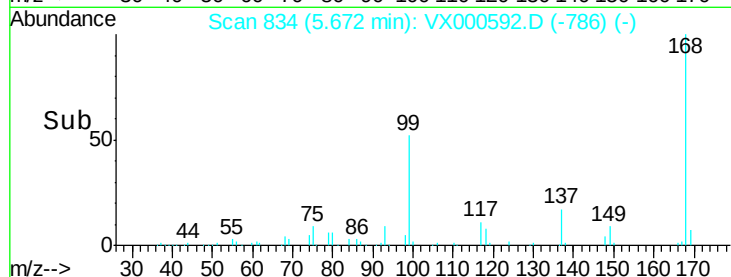
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 6.82 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000592.D

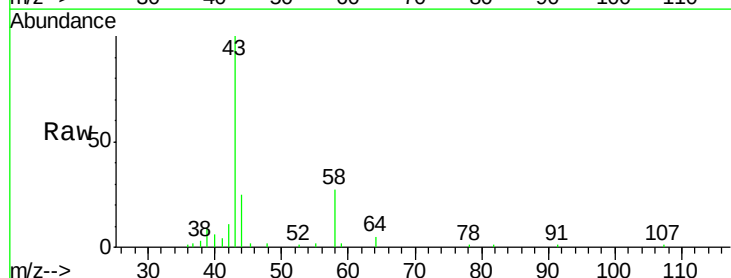
Acq: 31 Mar 2018 14:52

Tgt Ion: 43 Resp: 9400

Ion Ratio Lower Upper

43 100

58 26.9 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

6000

5000

4000

3000

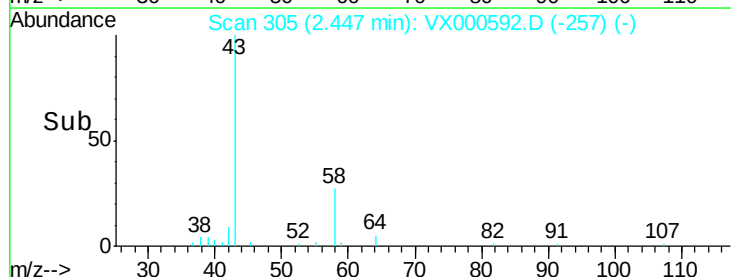
2000

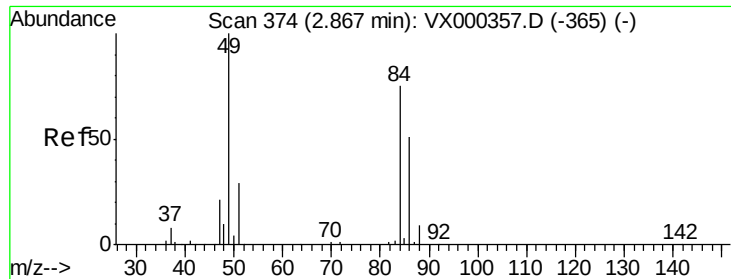
1000

0

2.40 2.45 2.50

Time-->

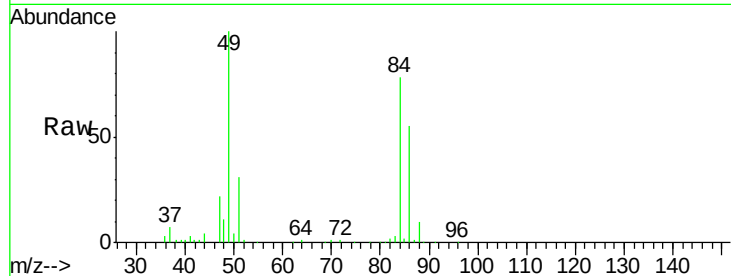




#20
Methylene Chloride
Concen: 23.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tot Ion: 84 Resp: 37948

Ion	Ratio	Lower	Upper
84	100		
49	127.6	100.6	151.0
51	39.2	31.6	47.4
86	69.6	52.6	78.8



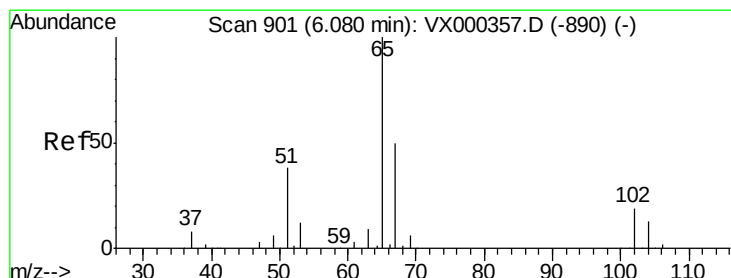
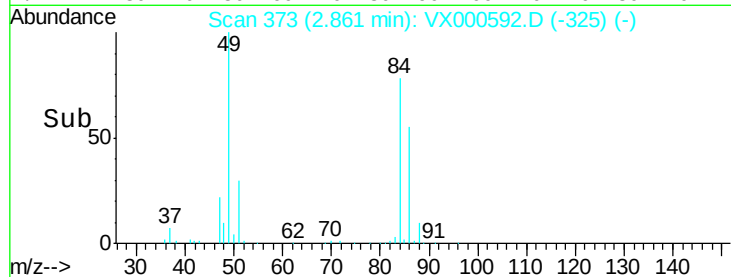
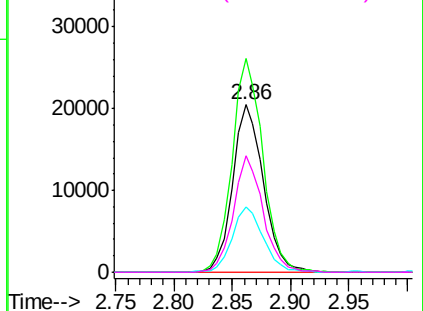
Abundance

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

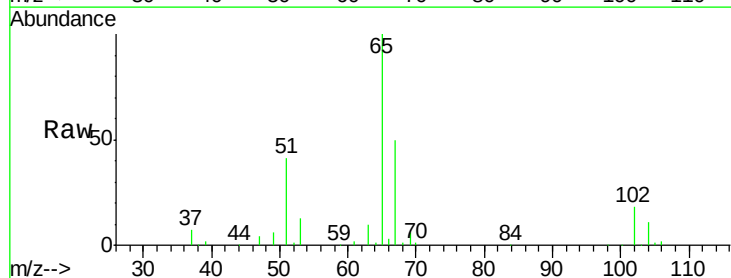
Ion 85.90 (85.60 to 86.60): VX0



#33
1,2-Dichloroethane-d4
Concen: 51.92 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tgt Ion: 65 Resp: 85989

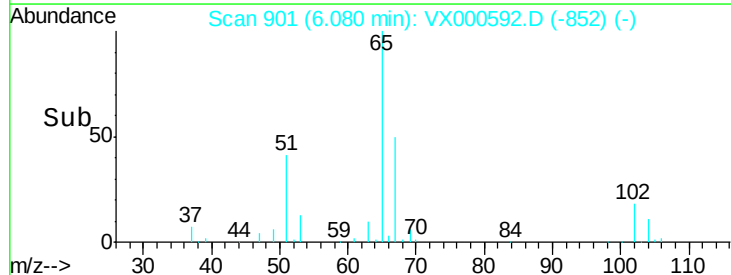
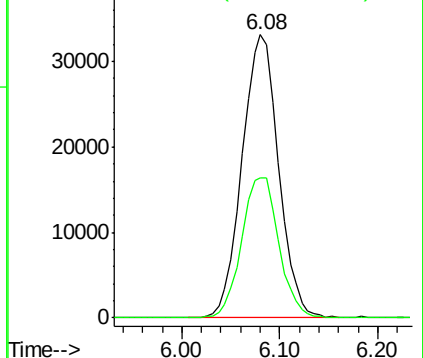
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.2

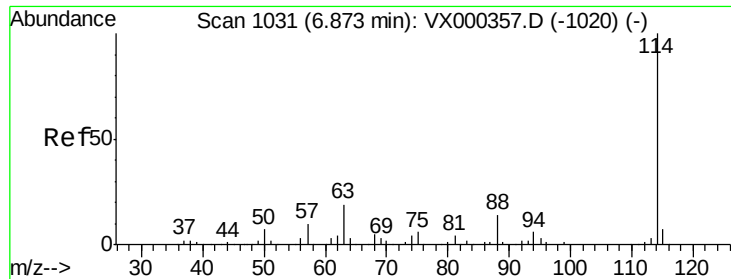


Abundance

Ion 64.90 (64.60 to 65.60): VX0

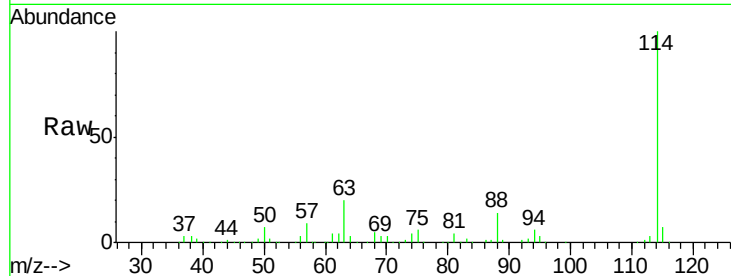
Ion 66.90 (66.60 to 67.60): VX0



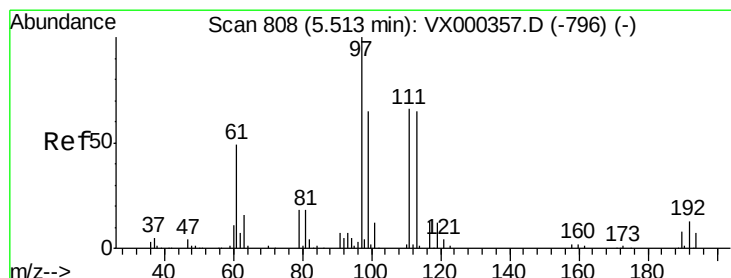
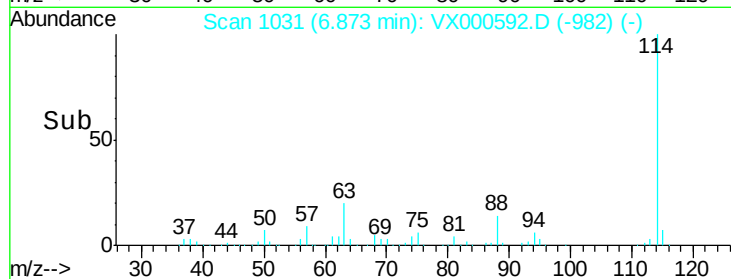
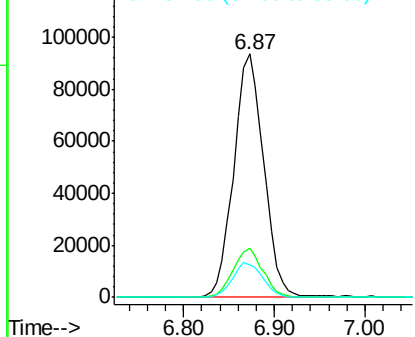


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tot Ion:114 Resp: 214486
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 13.5 0.0 27.0

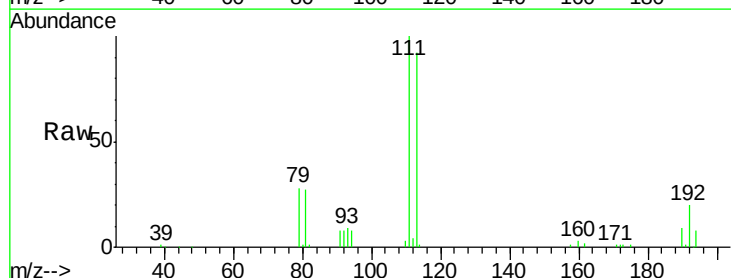


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

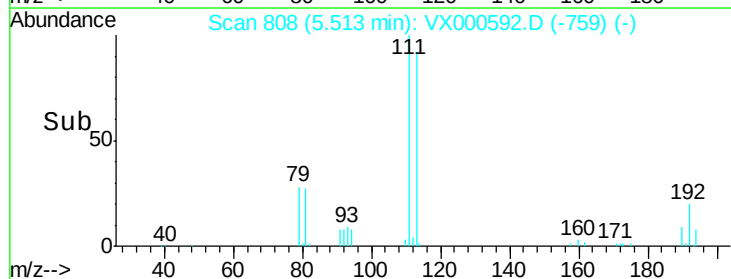
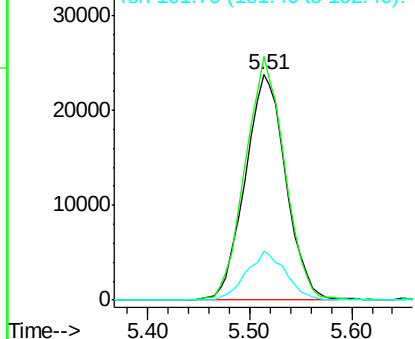


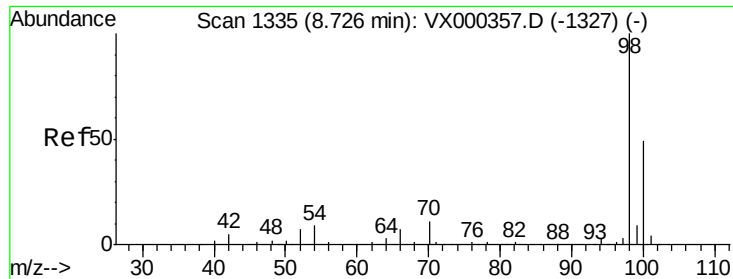
#35
Dibromofluoromethane
Concen: 48.67 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tgt Ion:113 Resp: 65772
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 21.0 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: 47.99 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000592.D

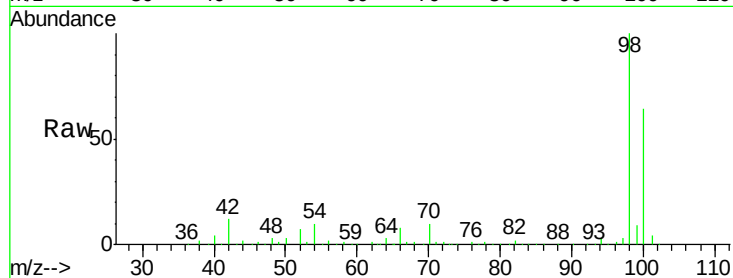
Acq: 31 Mar 2018 14:52

Tot Ion: 98 Resp: 268583

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

200000

150000

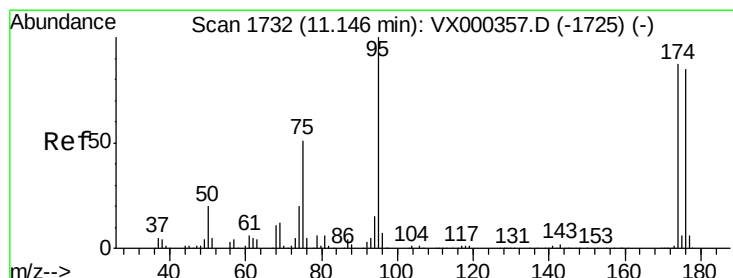
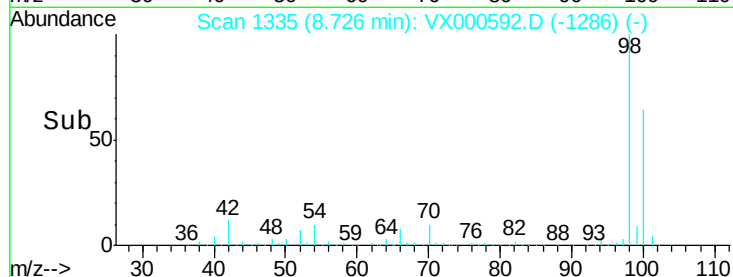
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 41.33 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000592.D

Acq: 31 Mar 2018 14:52

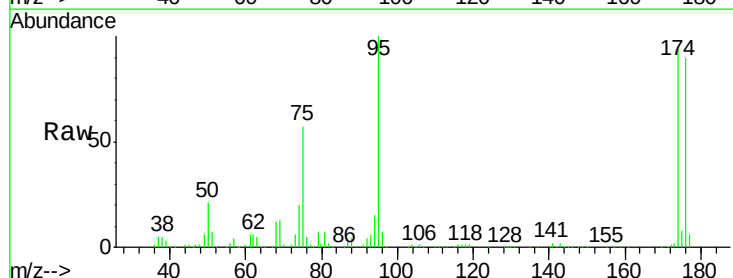
Tgt Ion: 95 Resp: 94863

Ion Ratio Lower Upper

95 100

174 92.4 0.0 173.6

176 88.4 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

100000

80000

60000

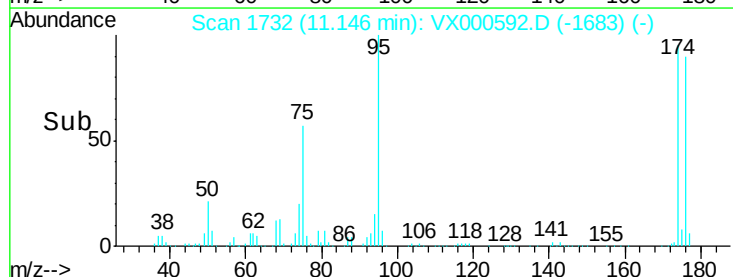
40000

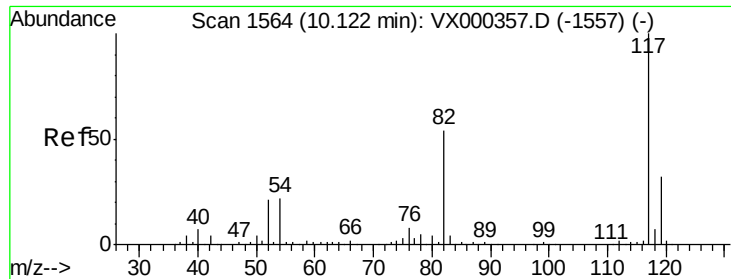
20000

0

11.10 11.15 11.20

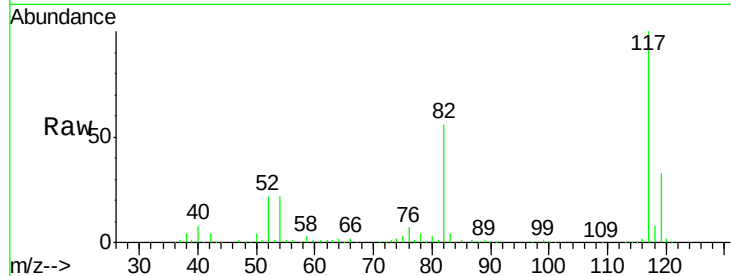
Time-->



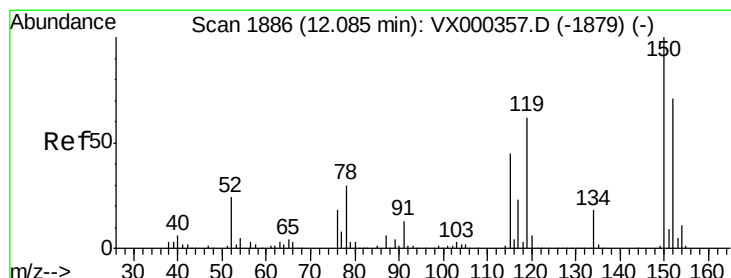
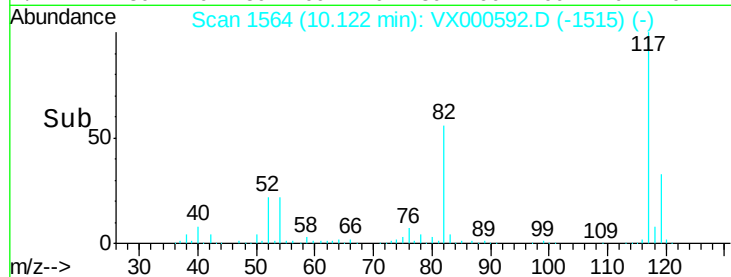
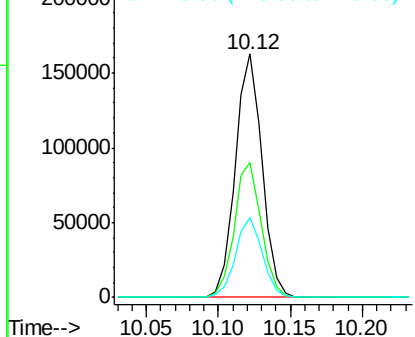


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tot Ion:117 Resp: 210776
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.9 24.9 37.3

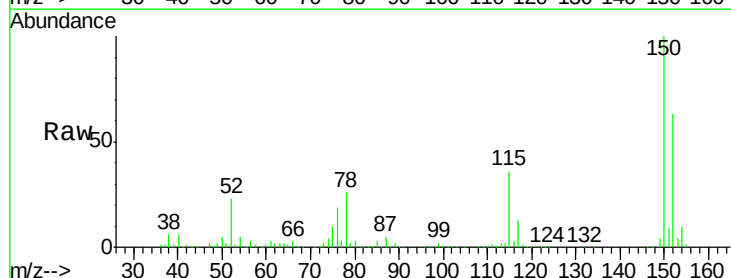


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

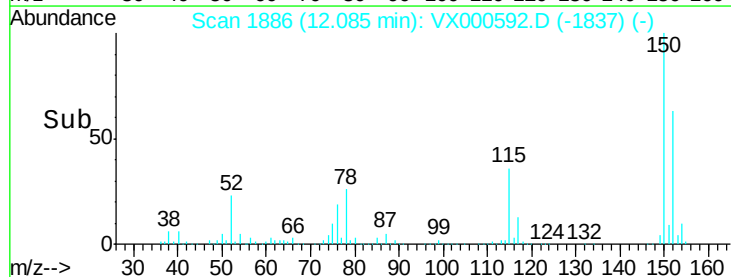
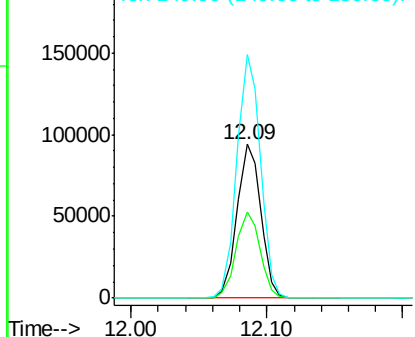


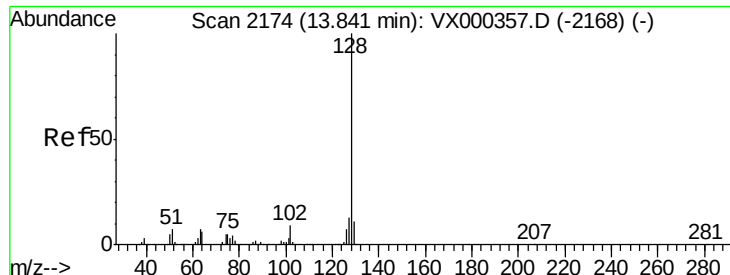
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000592.D
Acq: 31 Mar 2018 14:52

Tgt Ion:152 Resp: 114125
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 157.4 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





#95
 Naphthalene
 Concen: 2.82 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX000592.D
 Acq: 31 Mar 2018 14:52

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.2	8.9	13.3

