

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000597.D
 Acq On : 31 Mar 2018 16:59
 Operator : JC/MD
 Sample : J2146-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

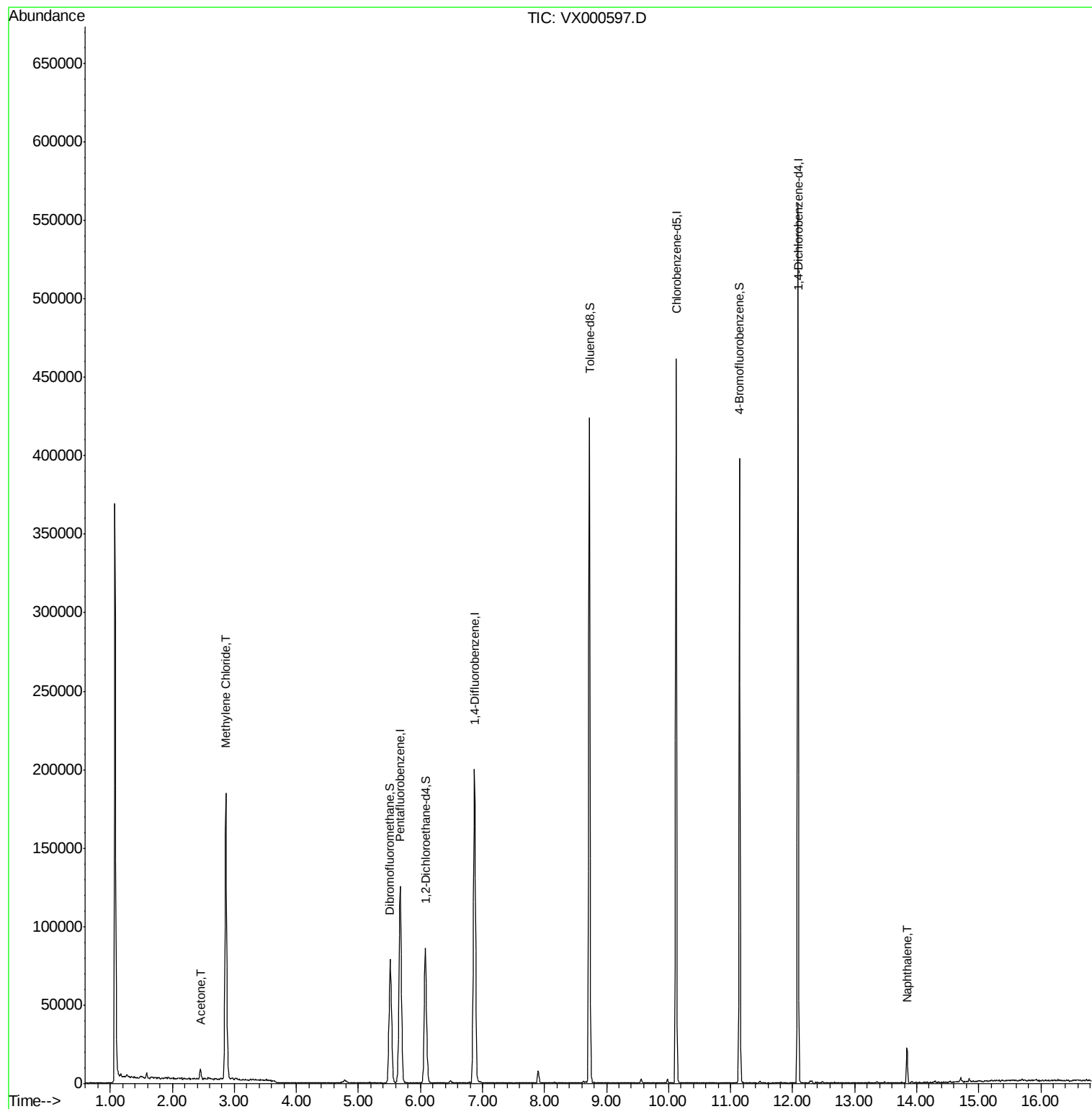
Quant Time: Apr 02 07:16:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	194753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78924	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	5.51	113	60604	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	8.73	98	245245	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.15	95	85971	40.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.58%	
Target Compounds						
16) Acetone	2.45	43	7570	6.05	ug/l #	86
20) Methylene Chloride	2.86	84	82832	57.27	ug/l	97
95) Naphthalene	13.84	128	12963	1.57	ug/l #	94

(#) = 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: VX000597.D

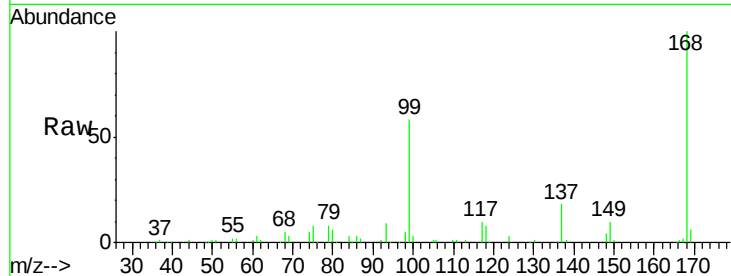
Acq: 31 Mar 2018 16:59

Tot Ion:168 Resp: 115314

Ion Ratio Lower Upper

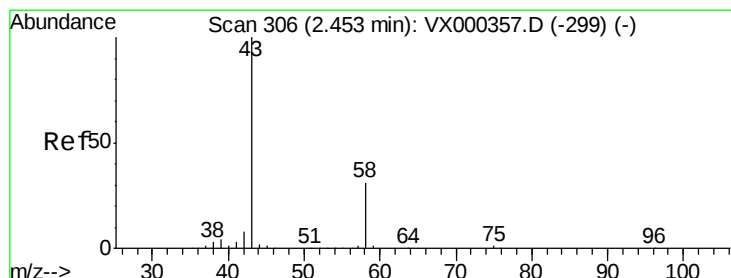
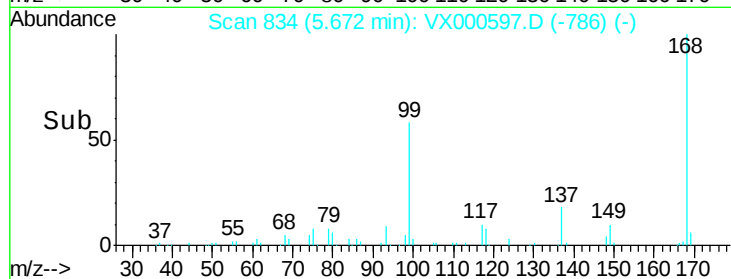
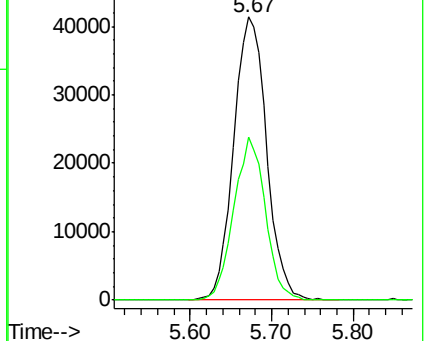
168 100

99 57.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.05 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000597.D

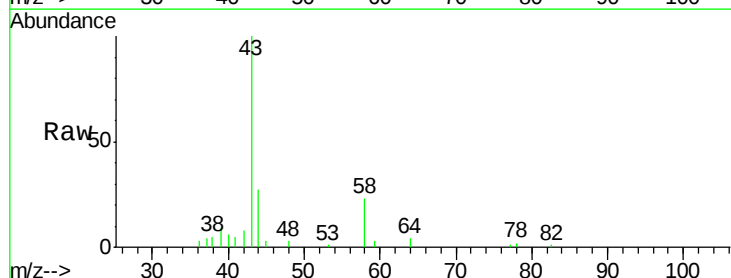
Acq: 31 Mar 2018 16:59

Tgt Ion: 43 Resp: 7570

Ion Ratio Lower Upper

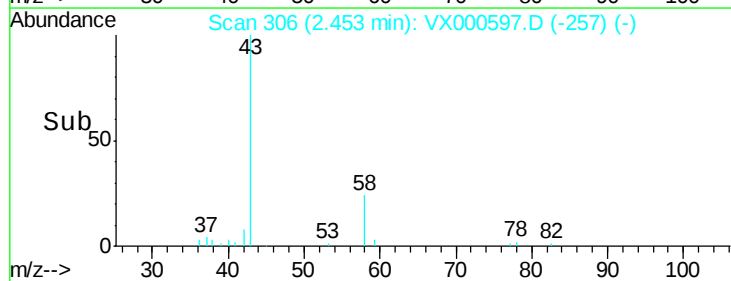
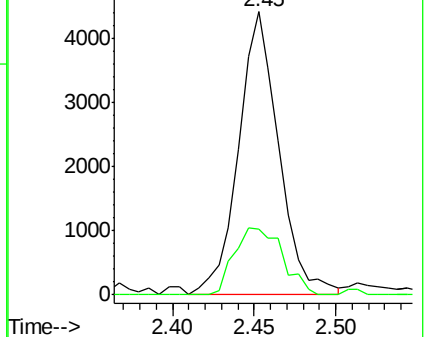
43 100

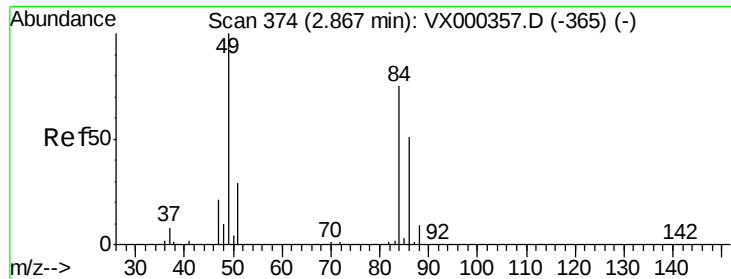
58 23.2 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 57.27 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000597.D

Acq: 31 Mar 2018 16:59

Tot Ion: 84 Resp: 82832

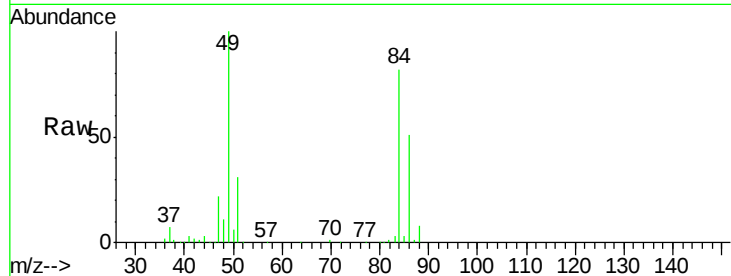
Ion	Ratio	Lower	Upper
84	100		
49	122.0	100.6	151.0
51	38.4	31.6	47.4
86	62.7	52.6	78.8

84 100

49 122.0 100.6 151.0

51 38.4 31.6 47.4

86 62.7 52.6 78.8

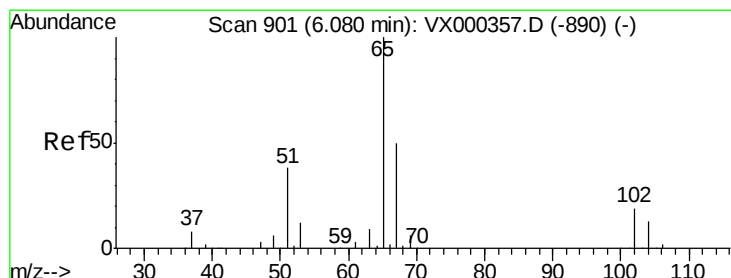
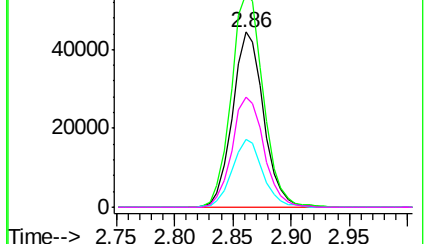
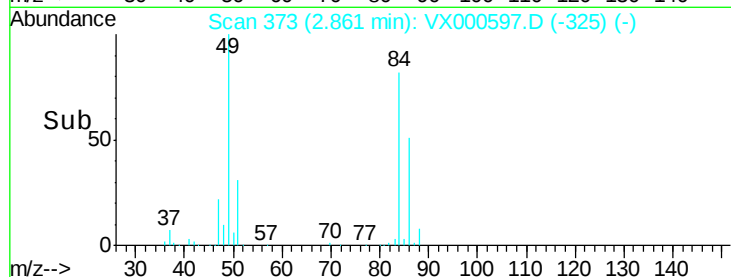


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 52.43 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000597.D

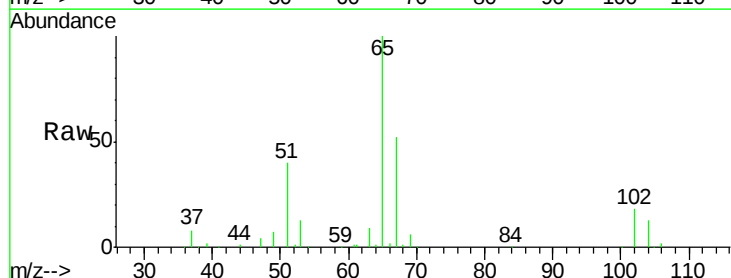
Acq: 31 Mar 2018 16:59

Tgt Ion: 65 Resp: 78924

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.2

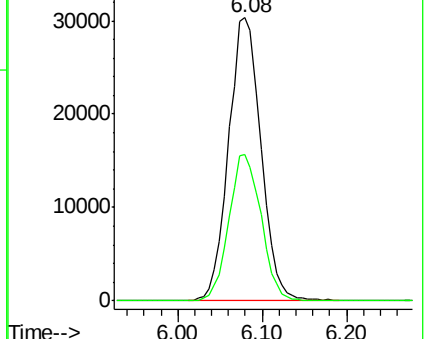
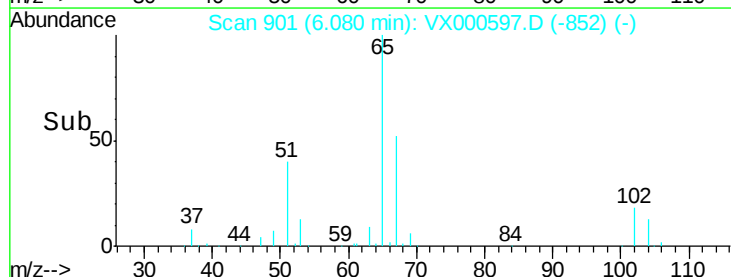
65 100

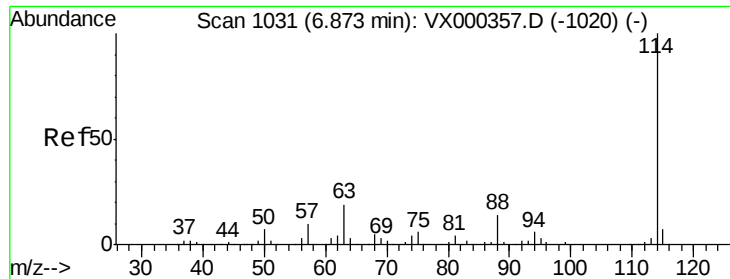
67 51.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

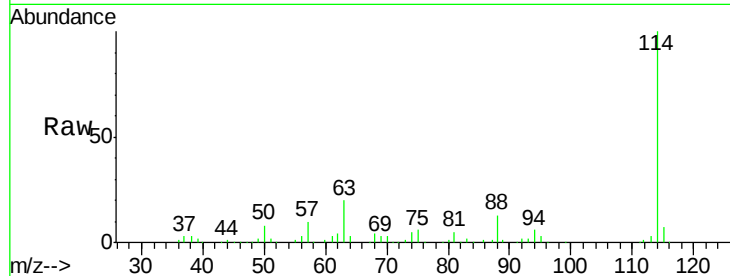
Ion 66.90 (66.60 to 67.60): VX0



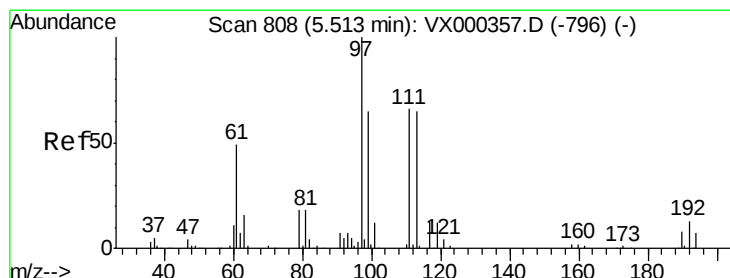
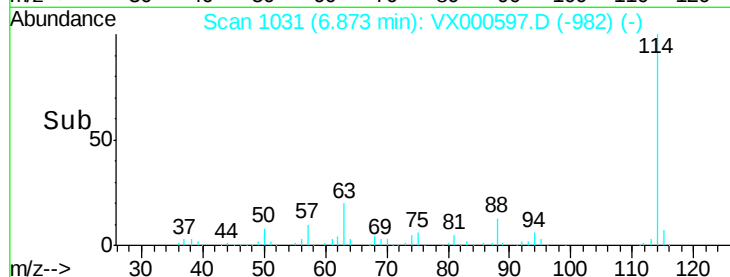
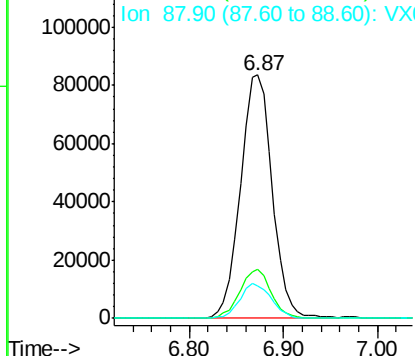


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000597.D
Acq: 31 Mar 2018 16:59

Tot Ion:114 Resp: 197434
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.4
88 13.4 0.0 27.0

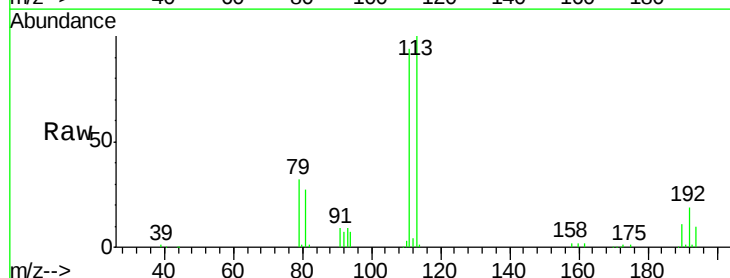


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

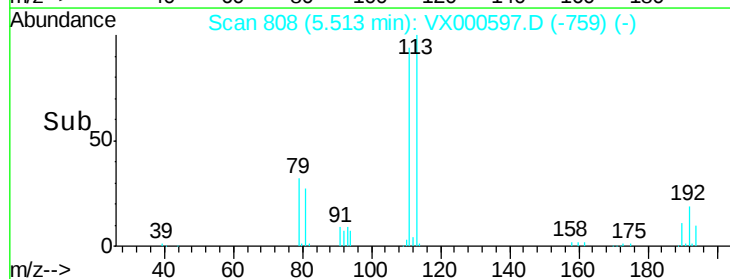
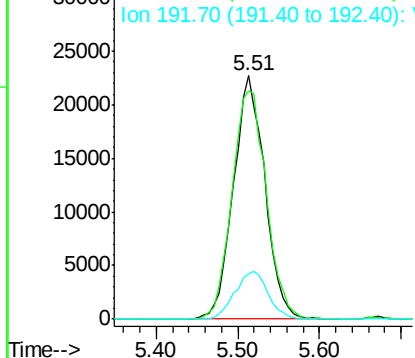


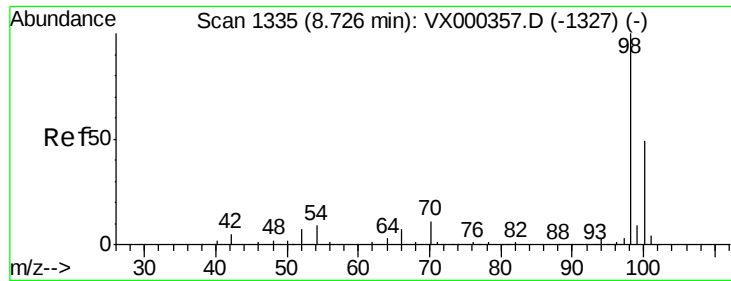
#35
Dibromofluoromethane
Concen: 48.72 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000597.D
Acq: 31 Mar 2018 16:59

Tgt Ion:113 Resp: 60604
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 20.6 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: 47.60 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000597.D

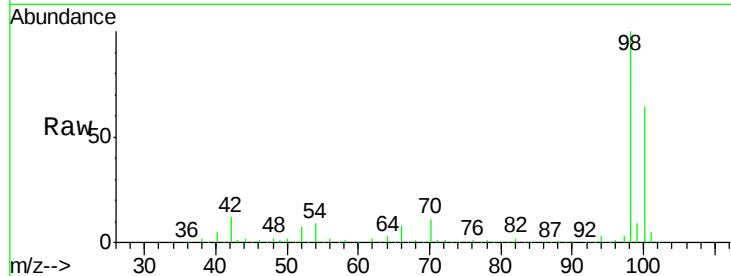
Acq: 31 Mar 2018 16:59

Tot Ion: 98 Resp: 245245

Ion Ratio Lower Upper

98 100

100 63.2 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

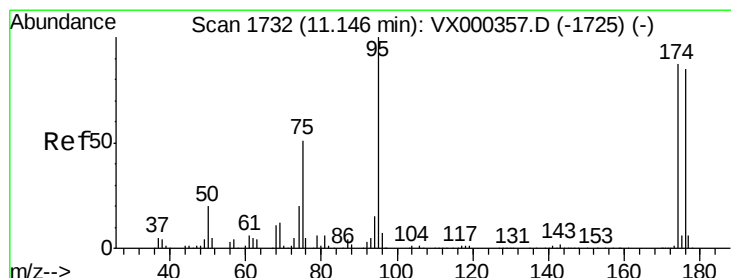
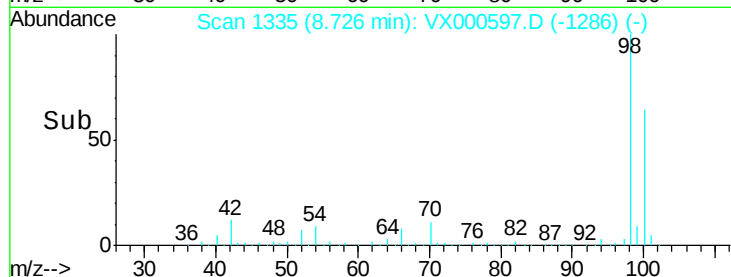
100000

50000

0

Time-->

8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 40.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000597.D

Acq: 31 Mar 2018 16:59

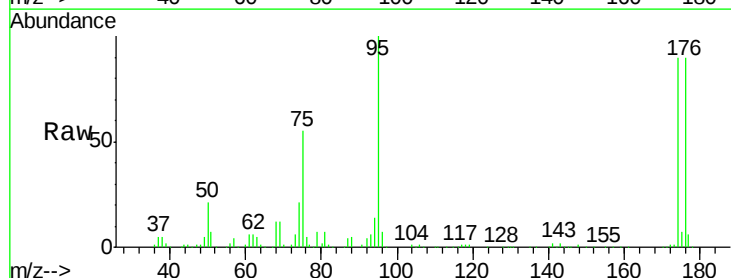
Tgt Ion: 95 Resp: 85971

Ion Ratio Lower Upper

95 100

174 91.0 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

11.15

80000

60000

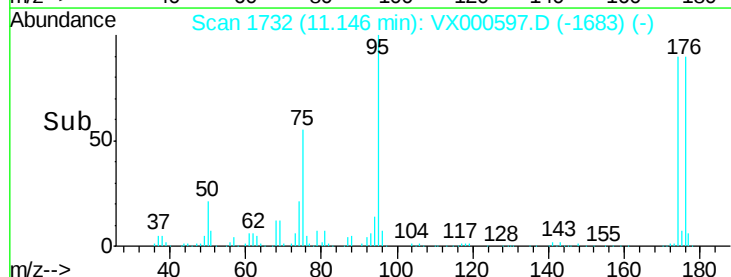
40000

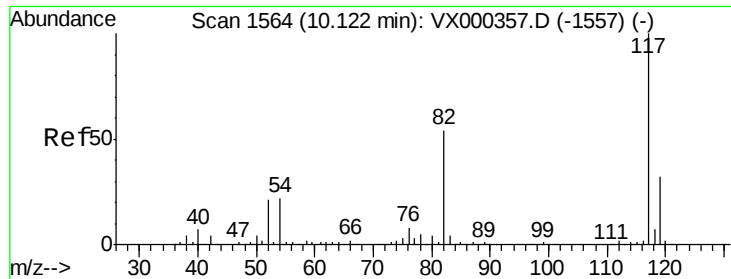
20000

0

Time-->

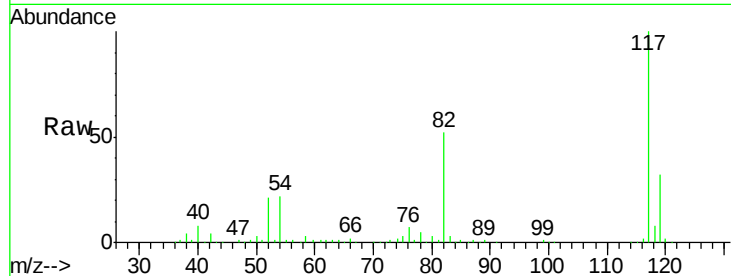
11.10 11.15 11.20



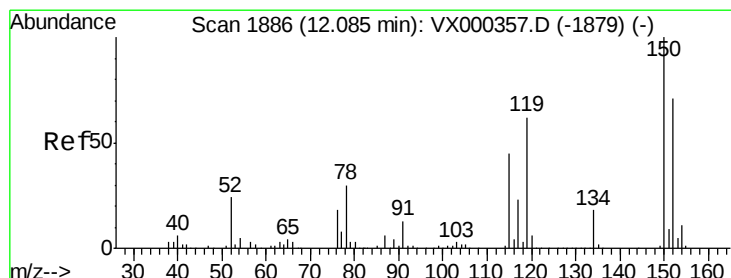
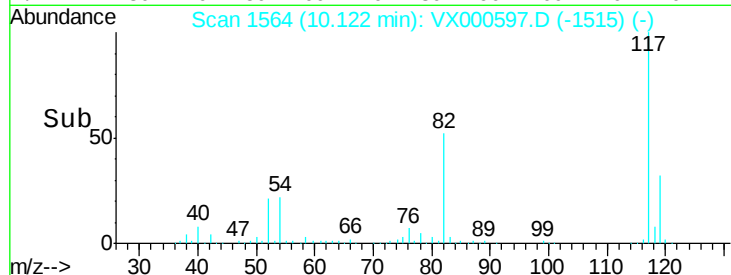
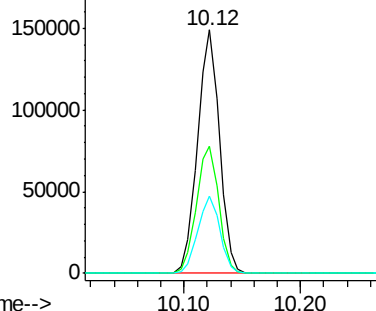


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000597.D
Acq: 31 Mar 2018 16:59

Tot Ion:117 Resp: 194753
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.8
119 31.9 24.9 37.3

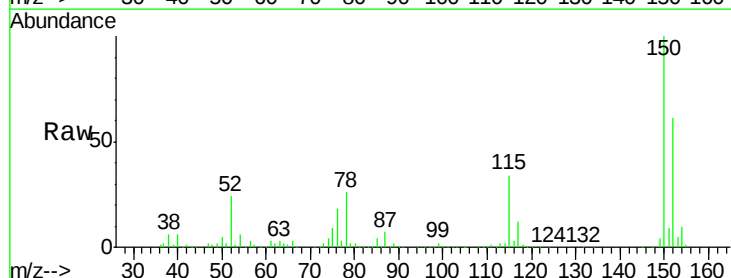


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

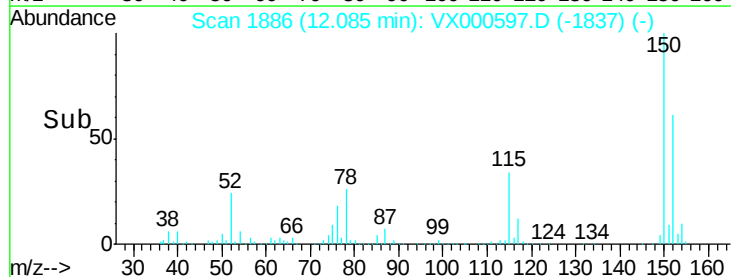
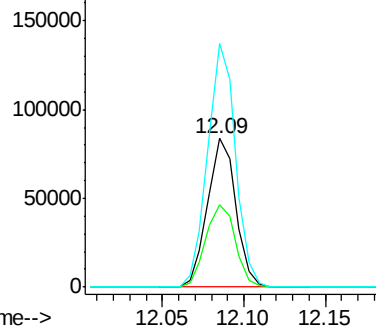


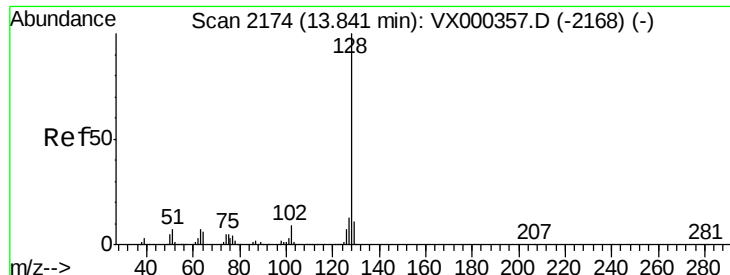
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000597.D
Acq: 31 Mar 2018 16:59

Tgt Ion:152 Resp: 101339
Ion Ratio Lower Upper
152 100
115 57.9 39.8 119.3
150 161.4 0.0 344.4



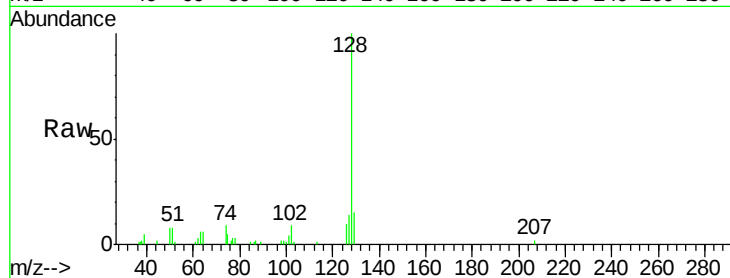
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.57 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000597.D
Acq: 31 Mar 2018 16:59

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	13.9	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

