

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000618.D
 Acq On : 01 Apr 2018 02:47
 Operator : JC/MD
 Sample : J2150-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

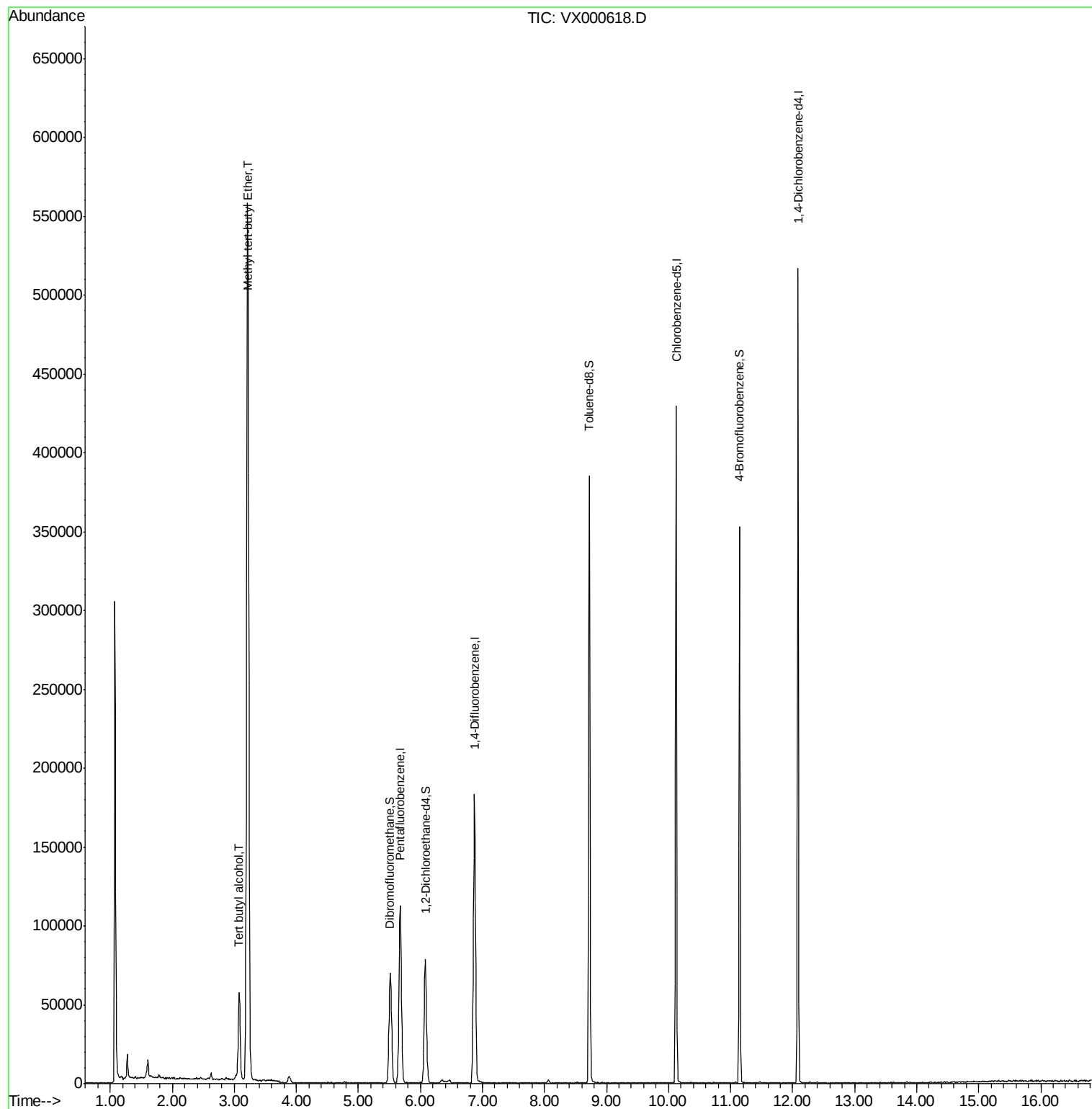
Quant Time: Apr 02 07:21:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

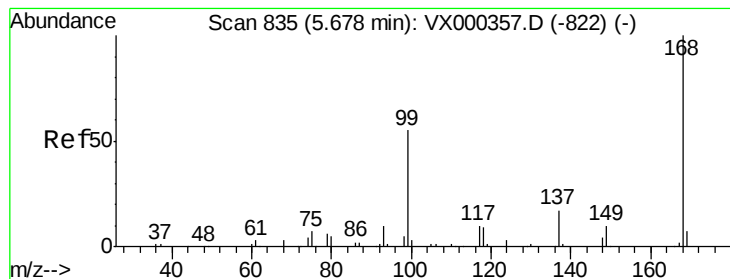
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70947	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	55843	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	8.73	98	222957	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.15	95	77383	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	68183	141.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	627163	145.78	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000618.D

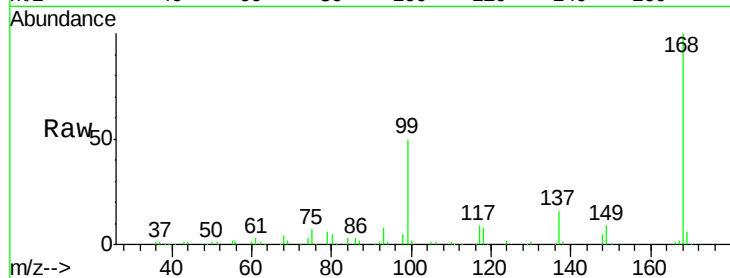
Acq: 01 Apr 2018 02:47

Tot Ion:168 Resp: 107314

Ion Ratio Lower Upper

168 100

99 49.6 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

40000

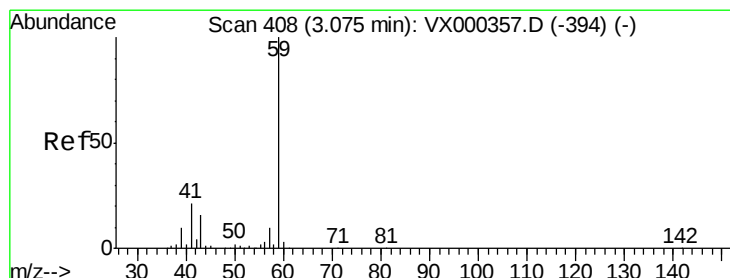
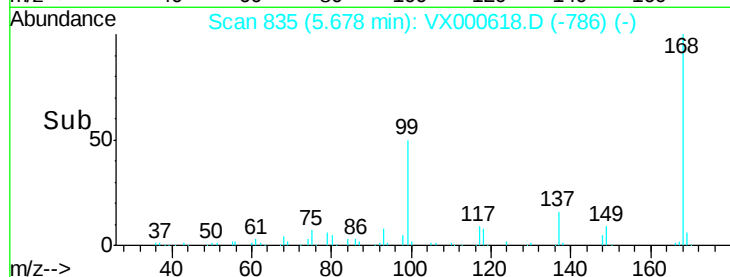
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 141.50 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000618.D

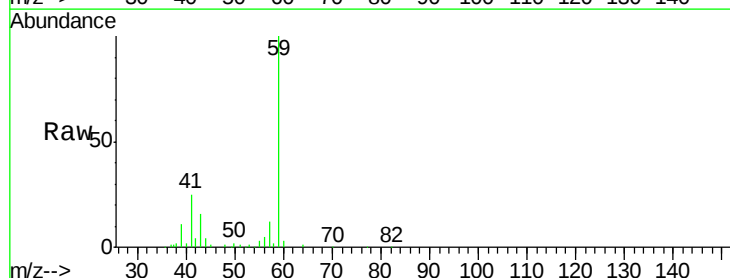
Acq: 01 Apr 2018 02:47

Tgt Ion: 59 Resp: 68183

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

60000

50000

40000

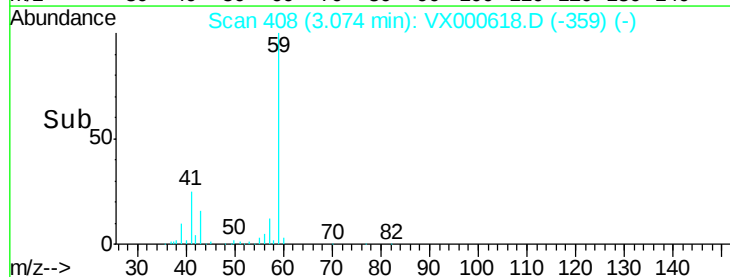
30000

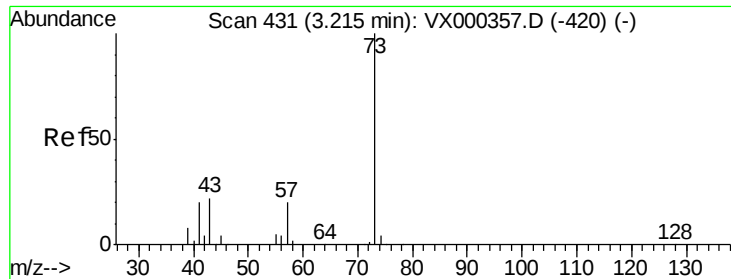
20000

10000

0

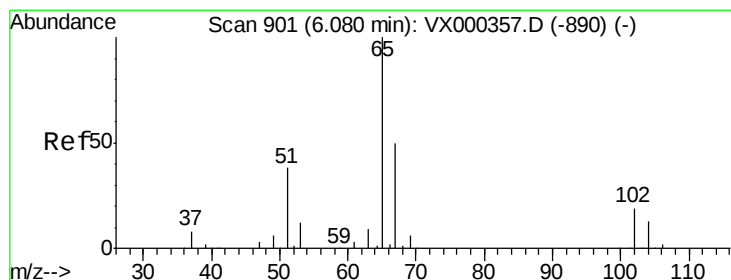
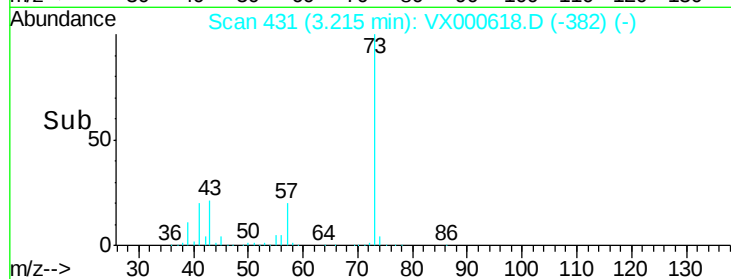
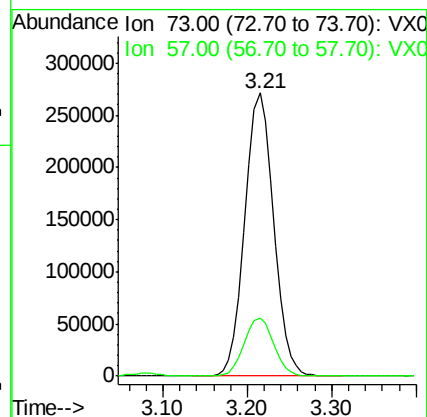
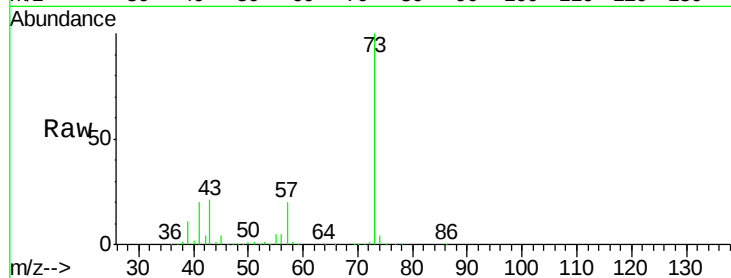
Time--> 2.90 3.00 3.10 3.20





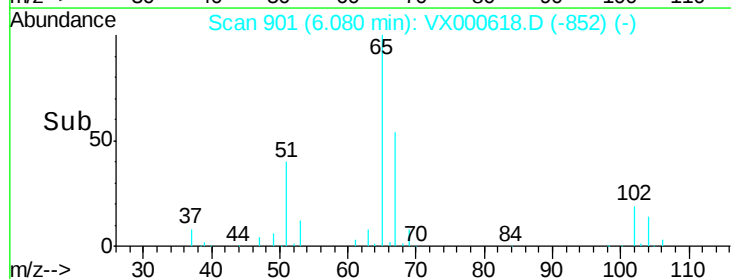
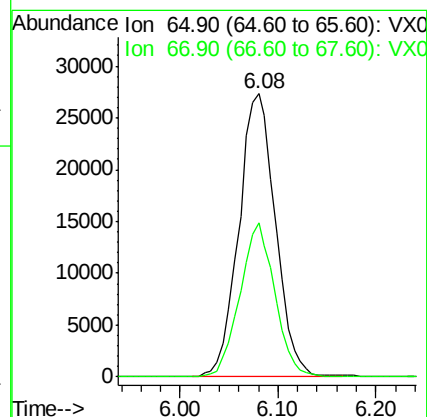
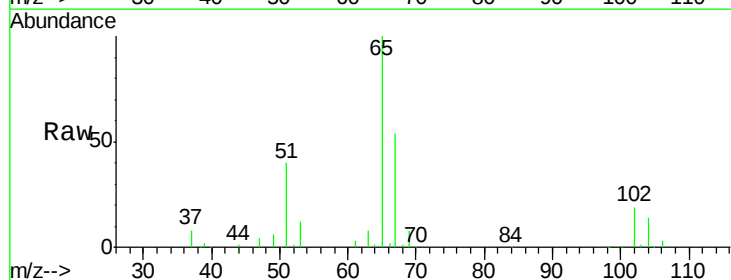
#19
Methvl tert-butvl Ether
Concen: 145.78 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

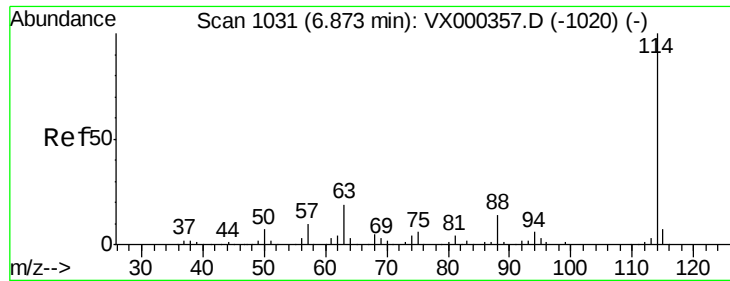
Tot Ion: 73 Resp: 627163
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

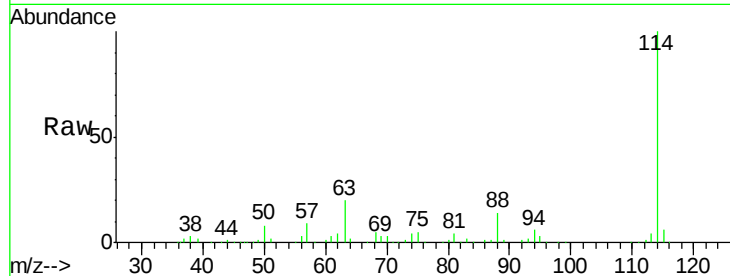
Tgt Ion: 65 Resp: 70947
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.2





#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000618.D
 Acq: 01 Apr 2018 02:47

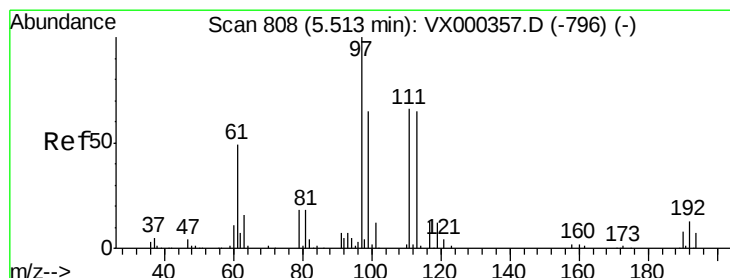
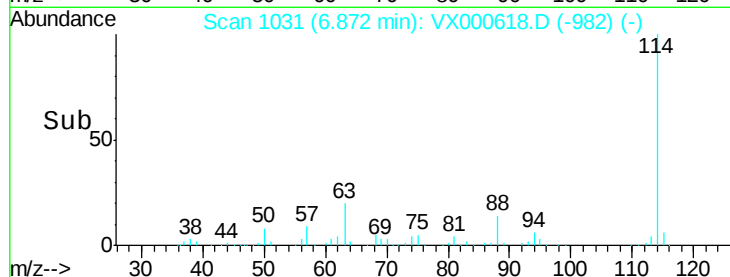
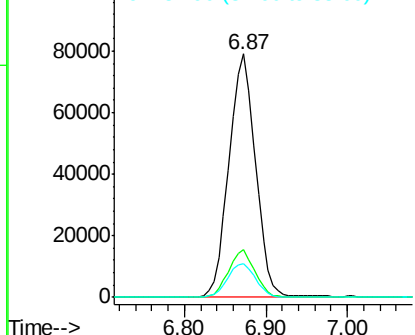
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.4
88	13.9	0.0	27.0



Abundance Ion 113.90 (113.60 to 114.60): V

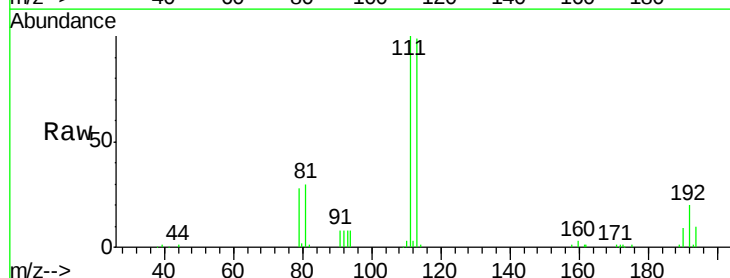
Ion 63.00 (62.70 to 63.70): VX

Ion 87.90 (87.60 to 88.60): VX



#35
 Dibromofluoromethane
 Concen: 49.58 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000618.D
 Acq: 01 Apr 2018 02:47

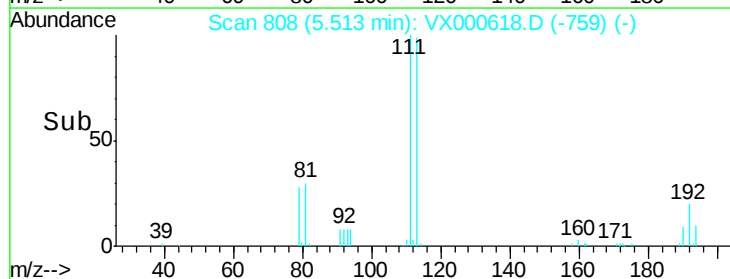
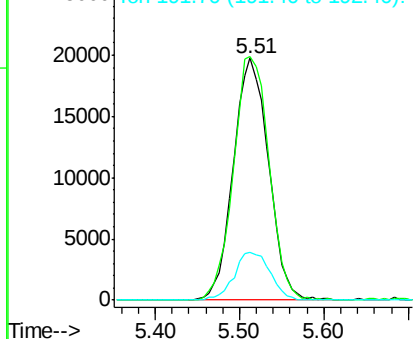
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.1	15.8	23.6

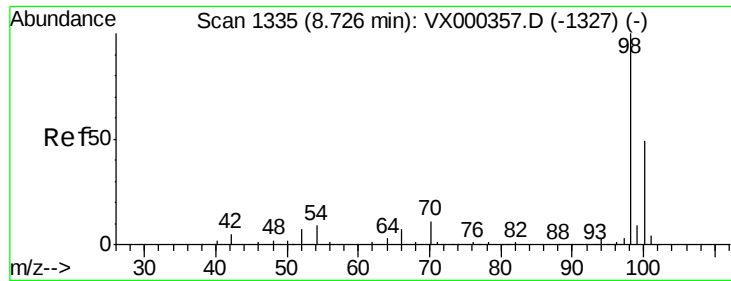


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.80 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000618.D

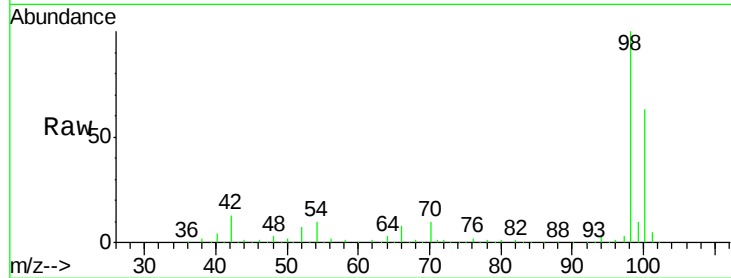
Acq: 01 Apr 2018 02:47

Tot Ion: 98 Resp: 222957

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

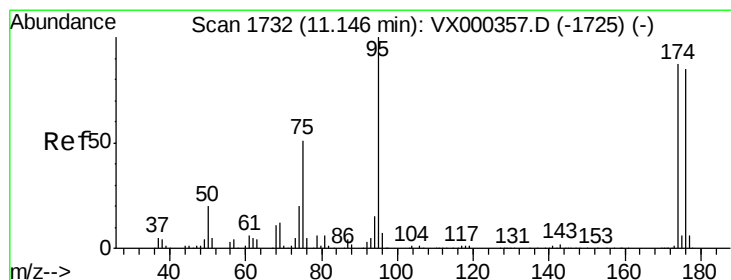
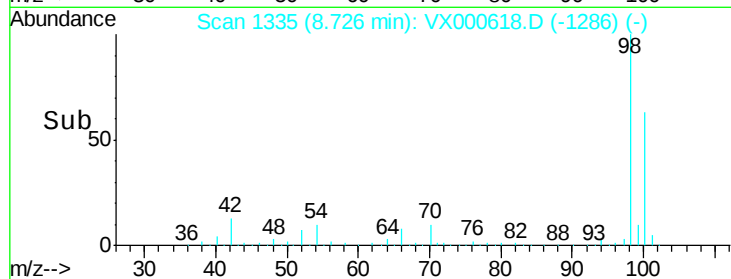
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 40.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000618.D

Acq: 01 Apr 2018 02:47

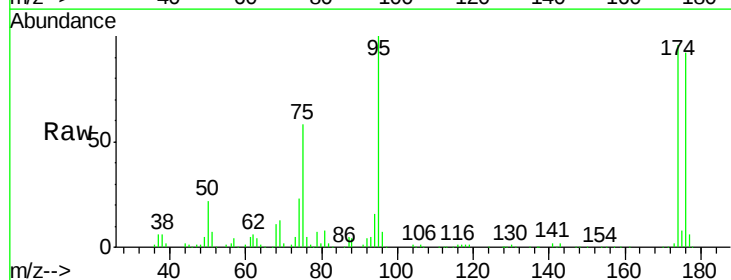
Tgt Ion: 95 Resp: 77383

Ion Ratio Lower Upper

95 100

174 93.4 0.0 173.6

176 88.9 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

80000

60000

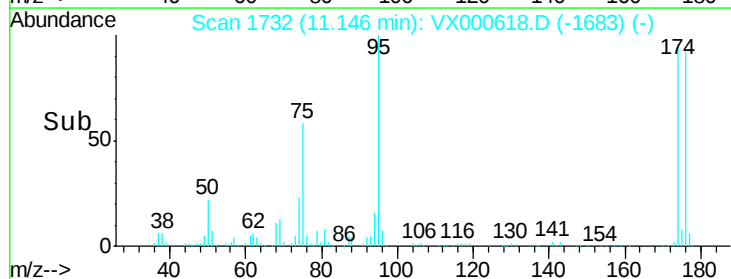
40000

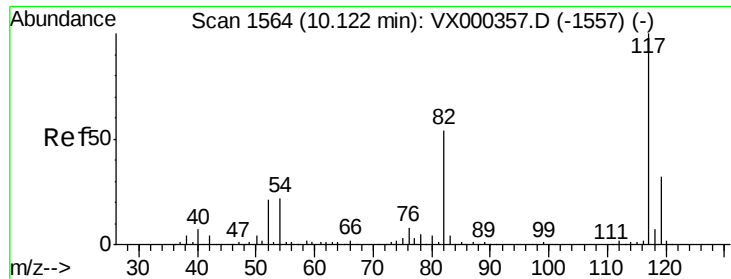
20000

0

11.10 11.15 11.20

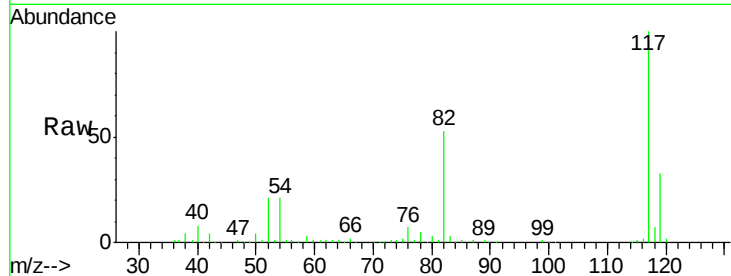
Time-->



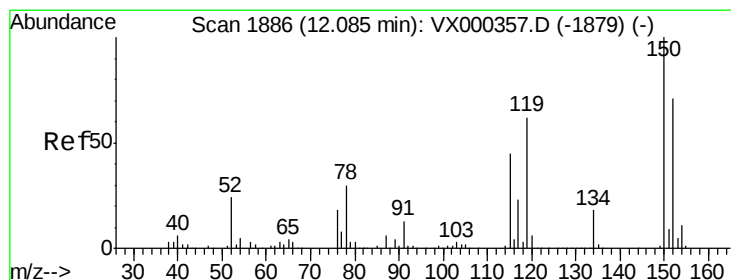
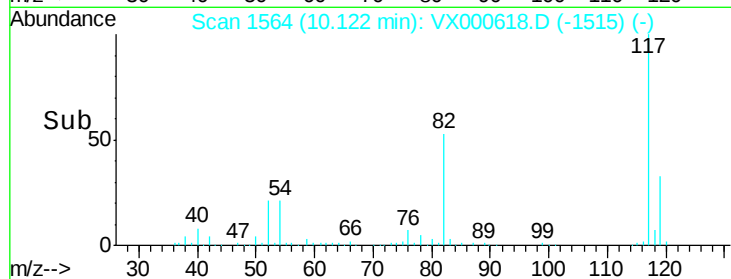
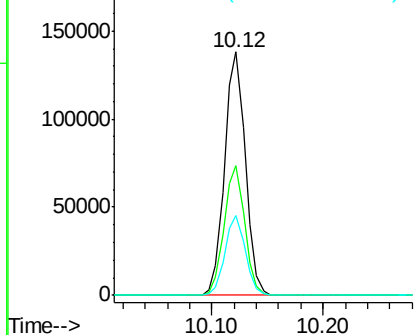


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tot Ion:117 Resp: 178520
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 32.8 24.9 37.3

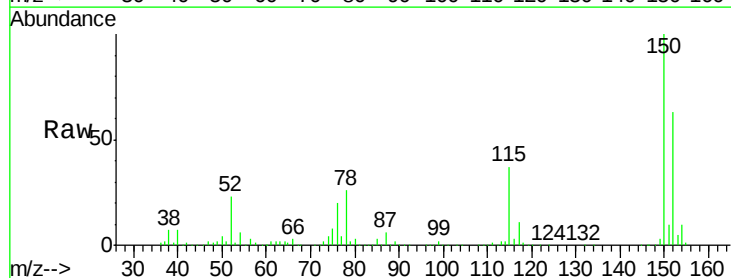


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000618.D
Acq: 01 Apr 2018 02:47

Tgt Ion:152 Resp: 95524
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 157.1 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

