

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000616.D
 Acq On : 01 Apr 2018 01:56
 Operator : JC/MD
 Sample : J2150-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

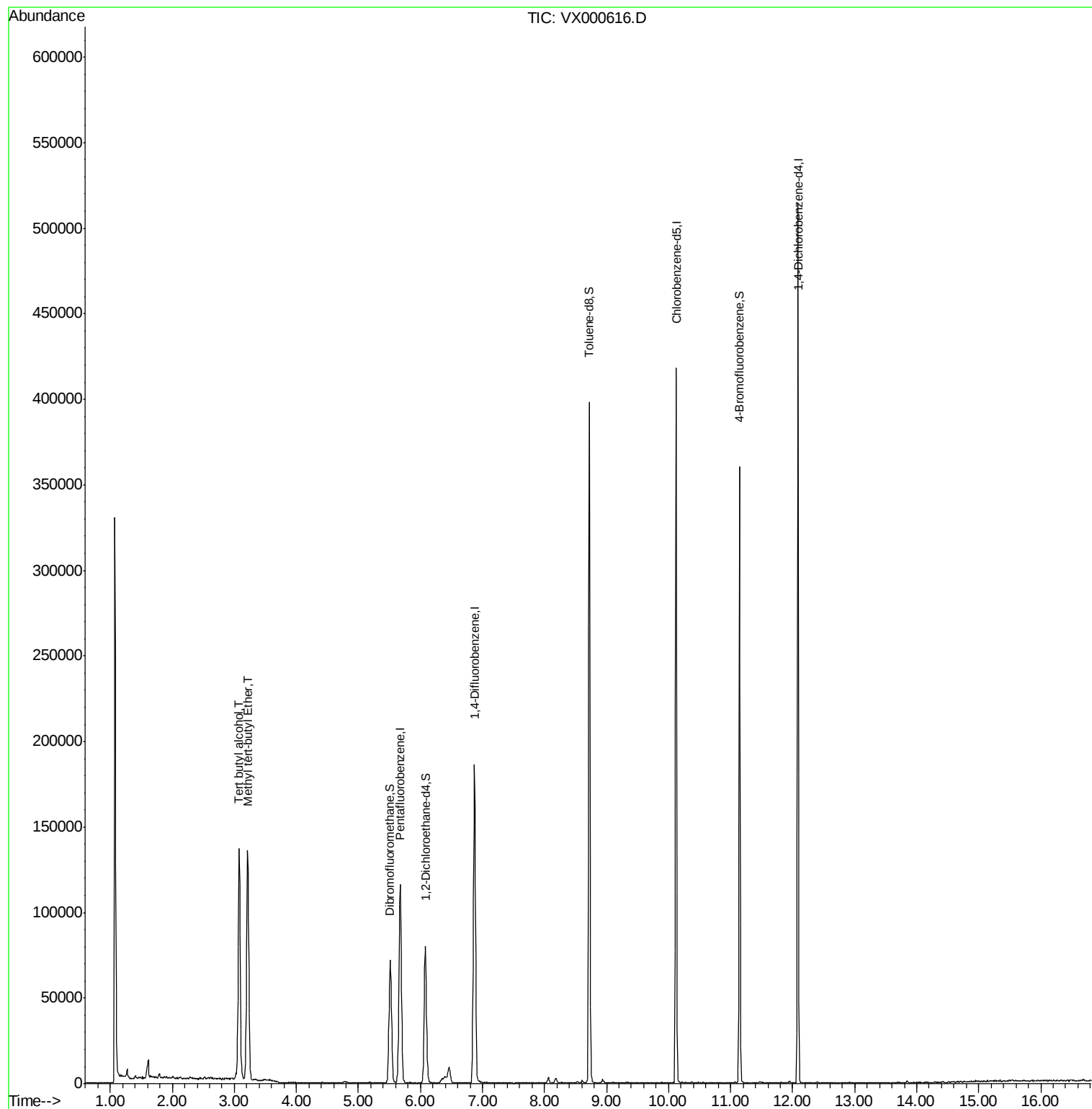
Quant Time: Apr 02 07:17:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

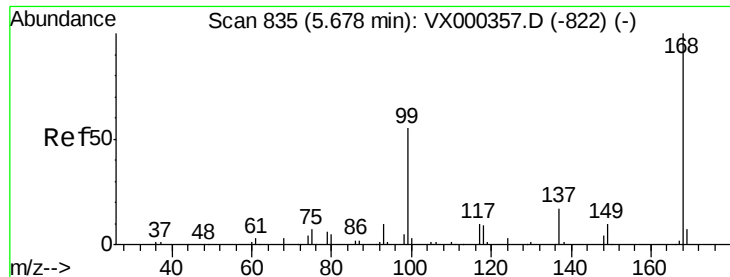
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	71687	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	56382	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.72	98	227997	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.15	95	78303	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	167902	342.53	ug/l	Qvalue 100
19) Methyl tert-butyl Ether	3.21	73	152857	34.93	ug/l	100

(#) = 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: VX000616.D

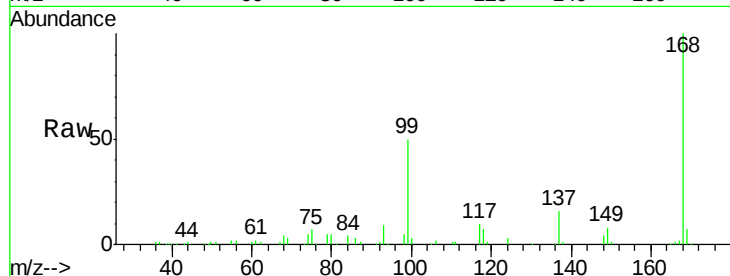
Acq: 01 Apr 2018 01:56

Tot Ion:168 Resp: 109170

Ion Ratio Lower Upper

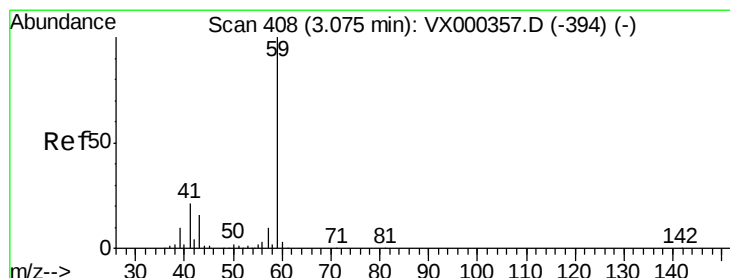
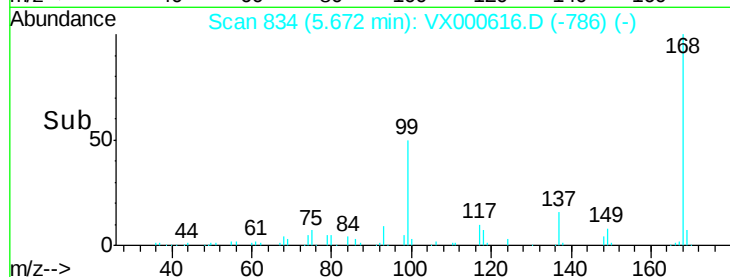
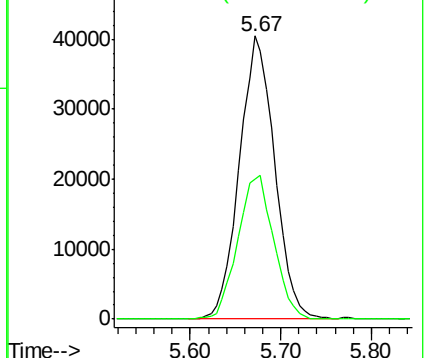
168 100

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



#11

Tert butyl alcohol

Concen: 342.53 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000616.D

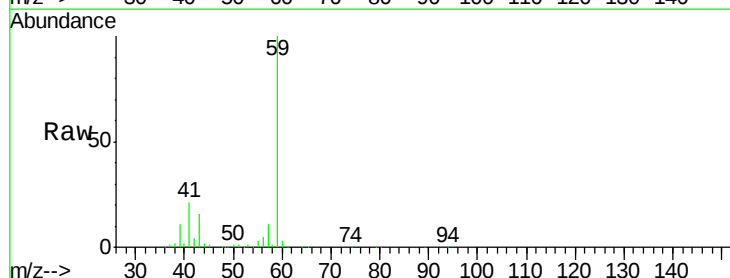
Acq: 01 Apr 2018 01:56

Tgt Ion: 59 Resp: 167902

Ion Ratio Lower Upper

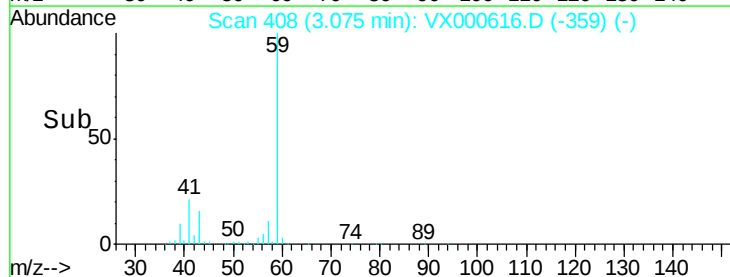
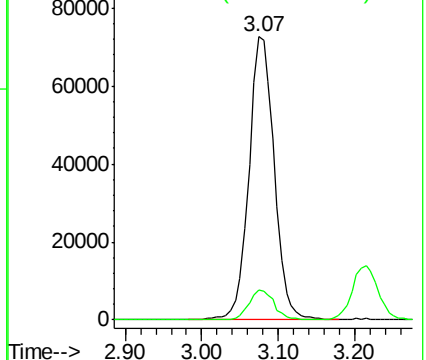
59 100

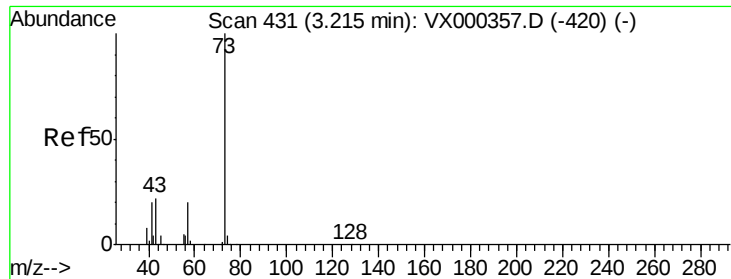
57 10.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



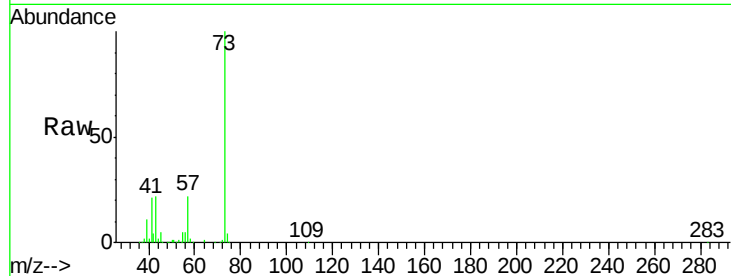


#19

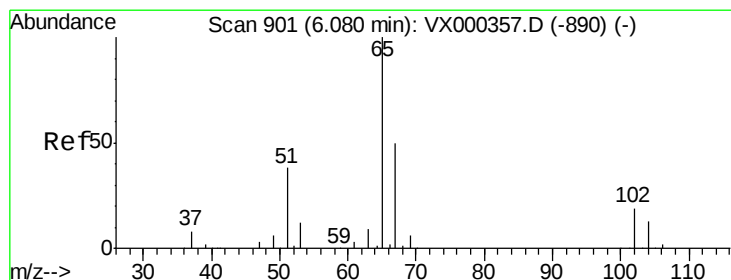
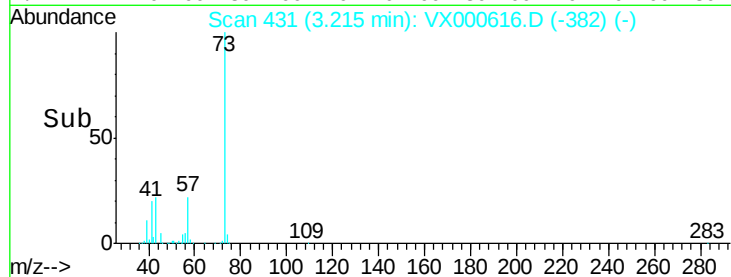
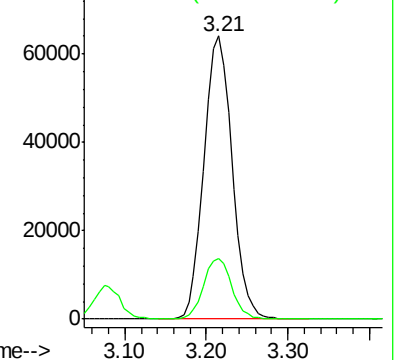
Methvl tert-butvl Ether
 Concen: 34.93 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000616.D
 Acq: 01 Apr 2018 01:56

Tot Ion: 73 Resp: 152857

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.2	25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0

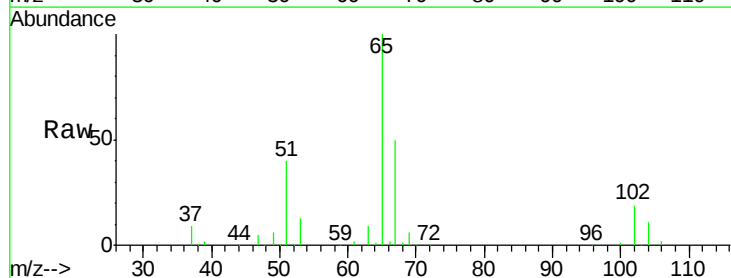


#33

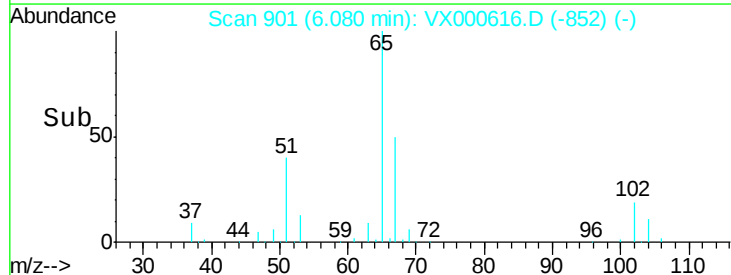
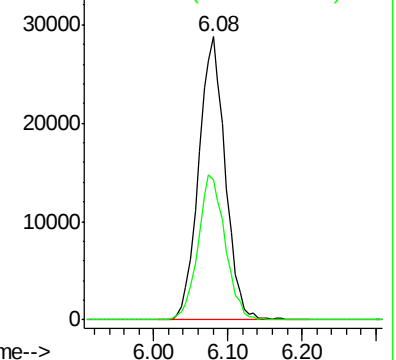
1,2-Dichloroethane-d4
 Concen: 50.30 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000616.D
 Acq: 01 Apr 2018 01:56

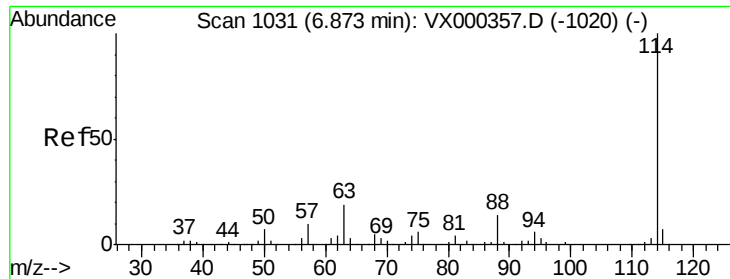
Tgt Ion: 65 Resp: 71687

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.2



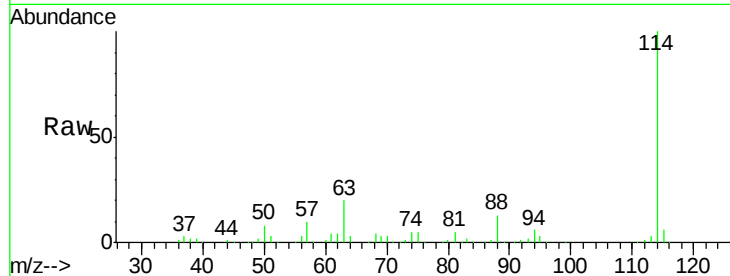
Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0



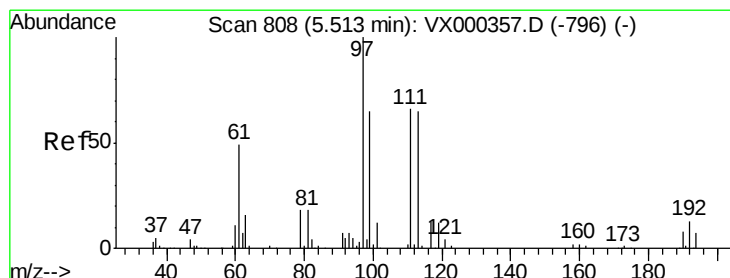
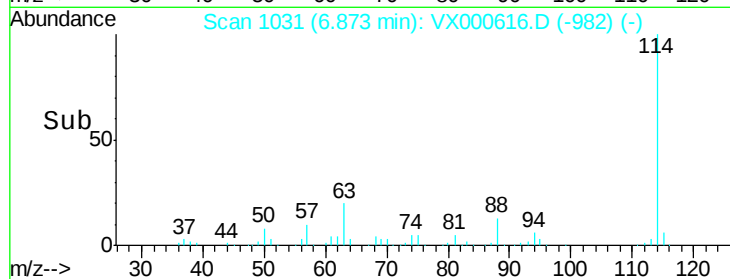
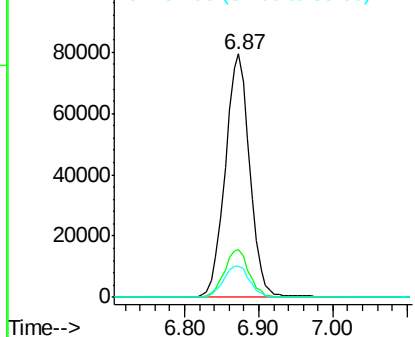


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000616.D
 Acq: 01 Apr 2018 01:56

Tot Ion:114 Resp: 182621
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 12.8 0.0 27.0

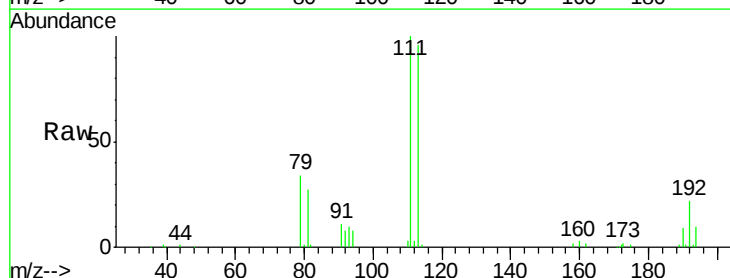


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

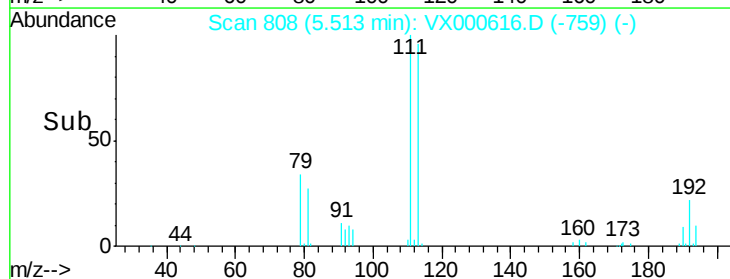
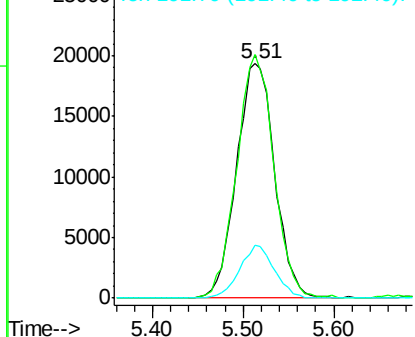


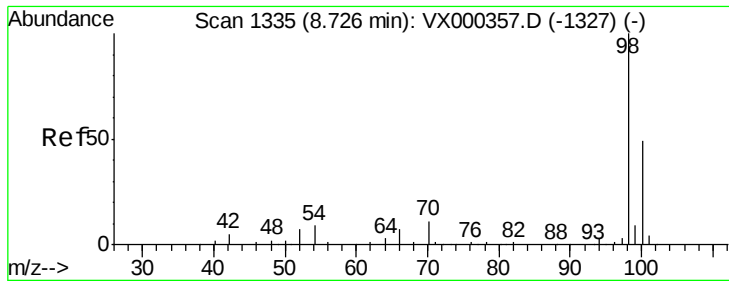
#35
 Dibromofluoromethane
 Concen: 49.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000616.D
 Acq: 01 Apr 2018 01:56

Tgt Ion:113 Resp: 56382
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 20.5 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: 47.84 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000616.D

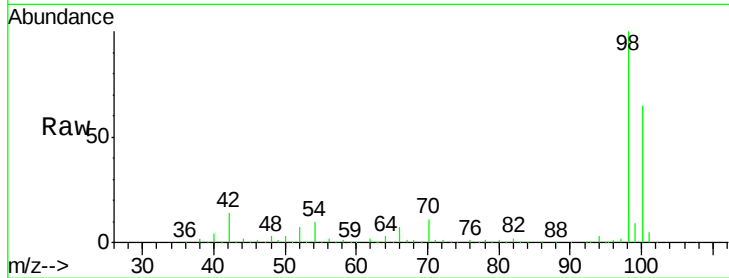
Acq: 01 Apr 2018 01:56

Tot Ion: 98 Resp: 227997

Ion Ratio Lower Upper

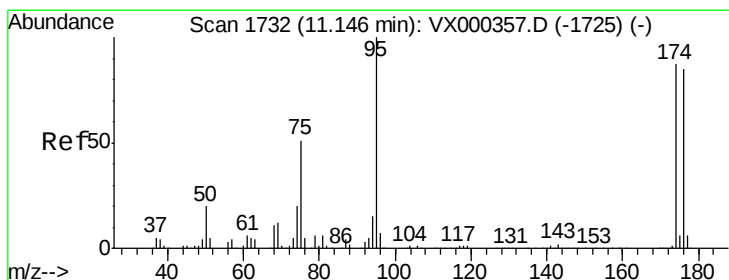
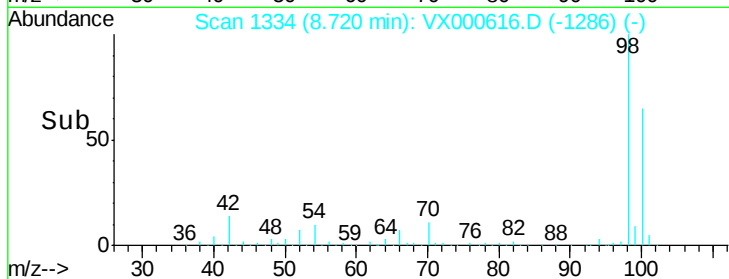
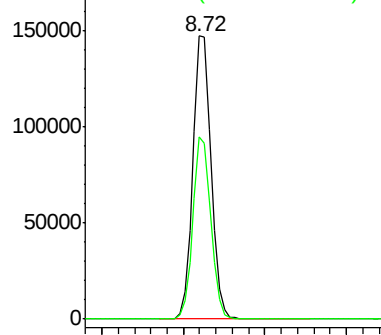
98 100

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: 40.26 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000616.D

Acq: 01 Apr 2018 01:56

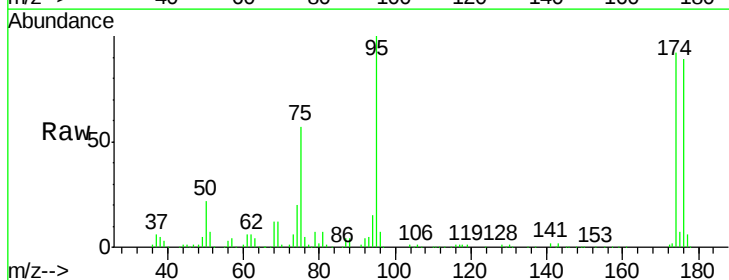
Tgt Ion: 95 Resp: 78303

Ion Ratio Lower Upper

95 100

174 92.2 0.0 173.6

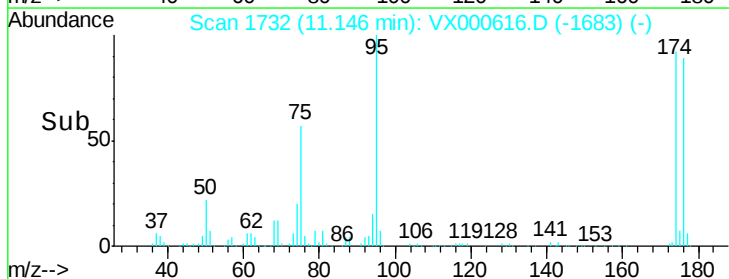
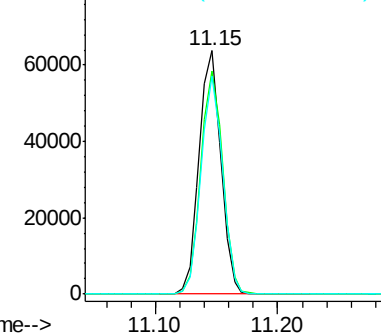
176 88.2 0.0 164.6

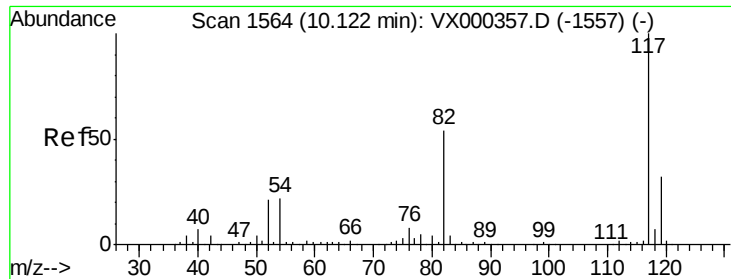


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

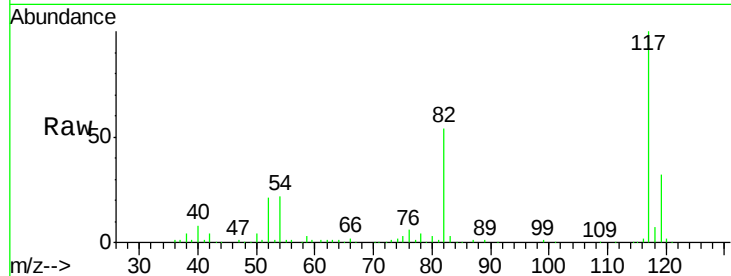
Ion 175.80 (175.50 to 176.50): V



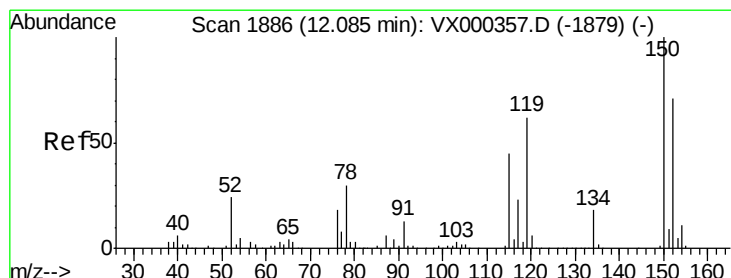
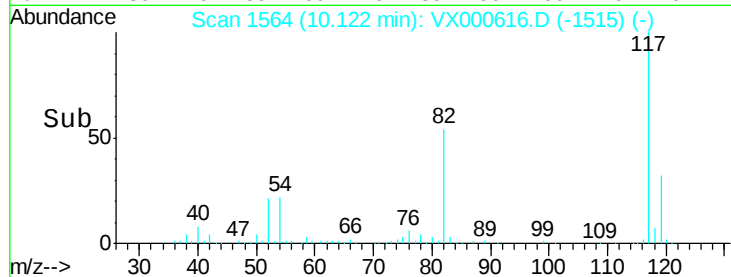
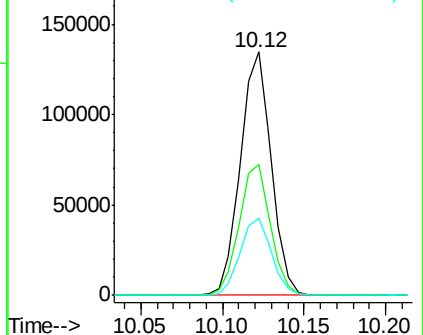


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000616.D
Acq: 01 Apr 2018 01:56

Tot Ion:117 Resp: 177871
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 31.9 24.9 37.3

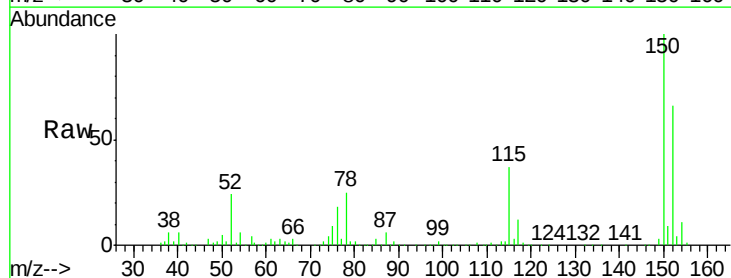


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000616.D
Acq: 01 Apr 2018 01:56

Tgt Ion:152 Resp: 95430
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 156.1 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

