

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000615.D
 Acq On : 01 Apr 2018 01:30
 Operator : JC/MD
 Sample : J2150-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

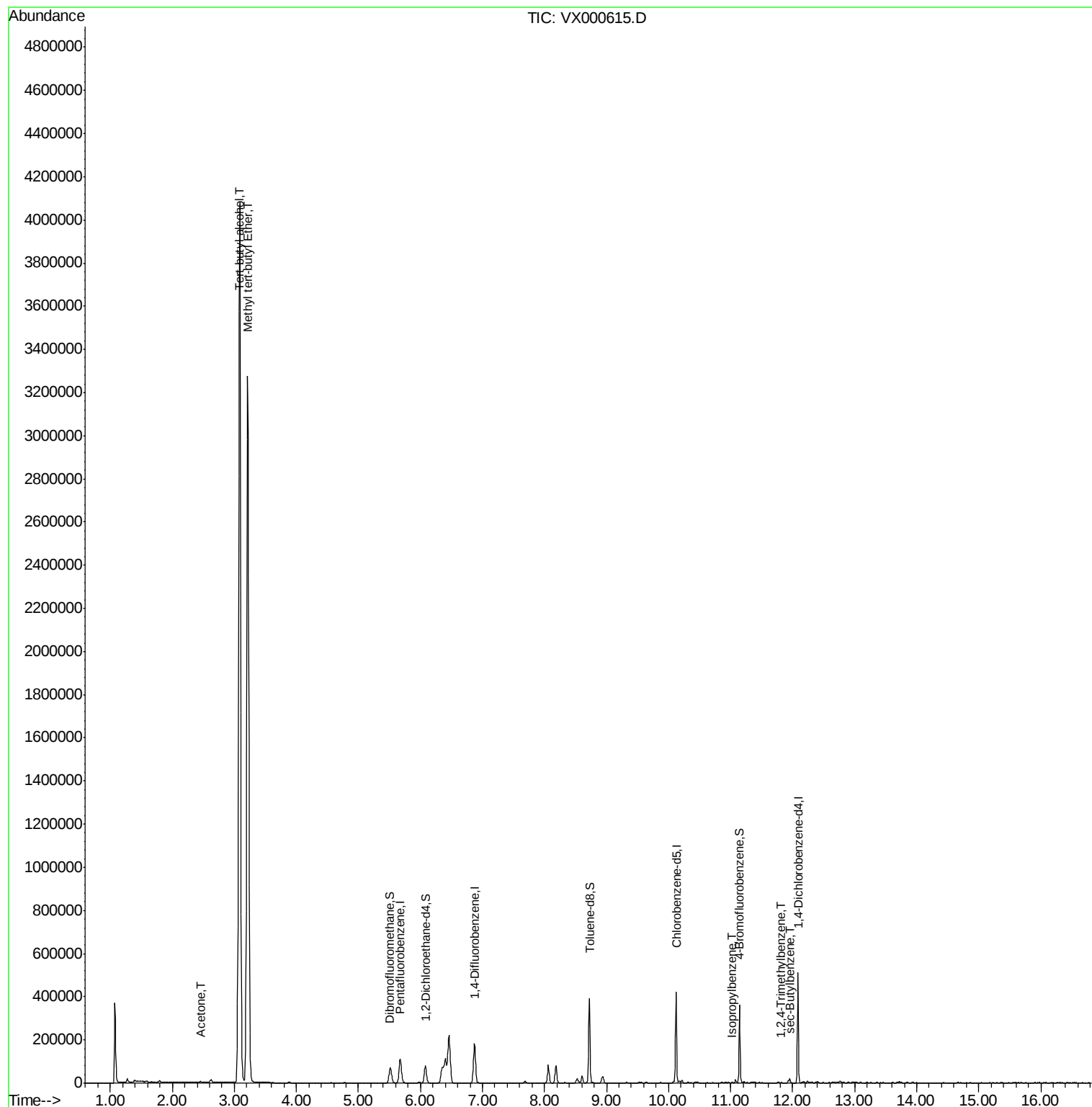
Quant Time: Apr 04 05:47:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

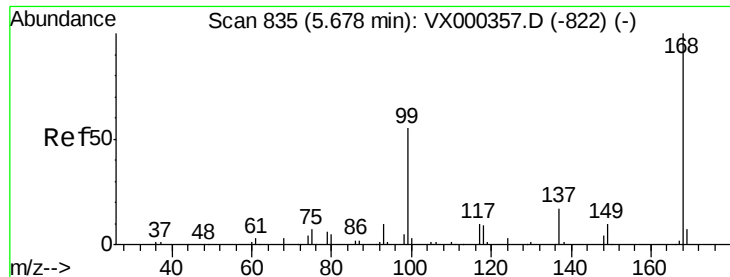
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	72012	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	54685	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.73	98	231271	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.15	95	78349	40.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.09	59	5072469	10601.83	ug/l	100
16) Acetone	2.45	43	5374	4.64	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	3626894	849.07	ug/l	98
73) Isopropylbenzene	11.02	105	1724	0.27	ug/l	82
84) 1,2,4-Trimethylbenzene	11.82	105	1141	0.20	ug/l	99
85) sec-Butylbenzene	11.96	105	10491	1.57	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000615.D

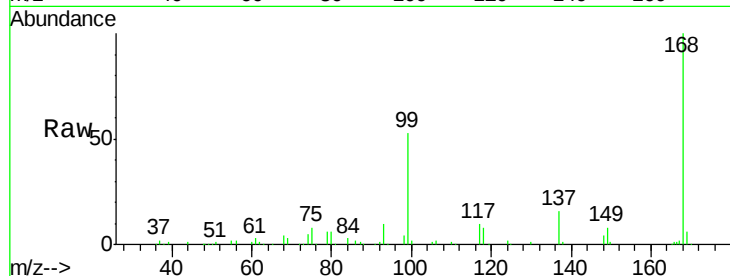
Acq: 01 Apr 2018 01:30

Tot Ion:168 Resp: 106557

Ion Ratio Lower Upper

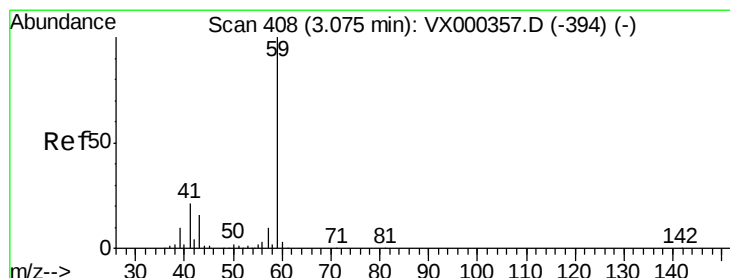
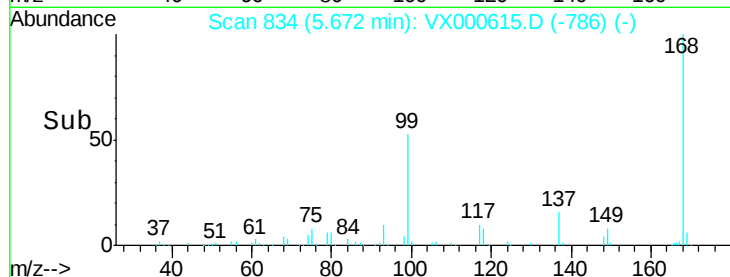
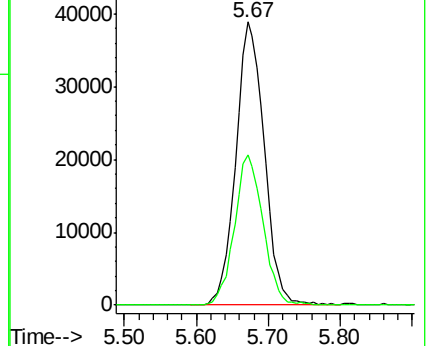
168 100

99 52.9 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: 10601.83 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000615.D

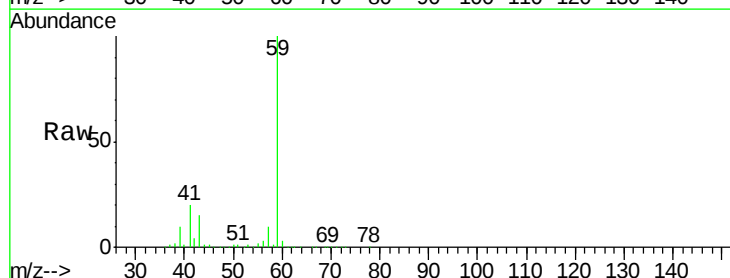
Acq: 01 Apr 2018 01:30

Tgt Ion: 59 Resp: 5072469

Ion Ratio Lower Upper

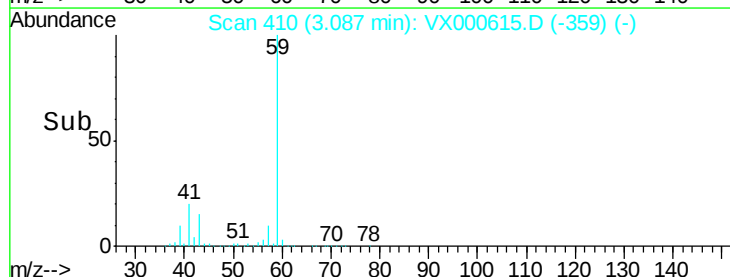
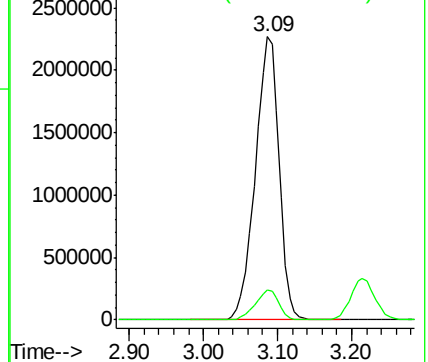
59 100

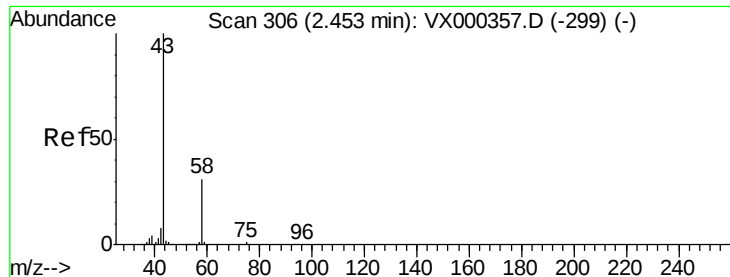
57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 4.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000615.D

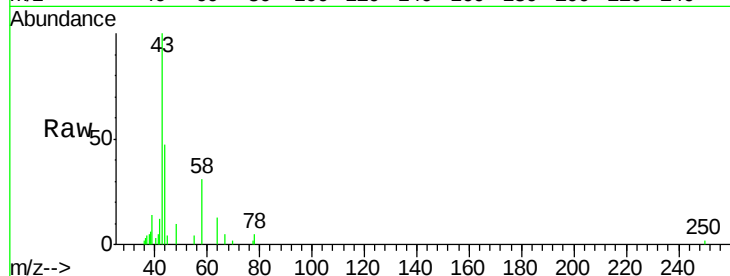
Acq: 01 Apr 2018 01:30

Tot Ion: 43 Resp: 5374

Ion Ratio Lower Upper

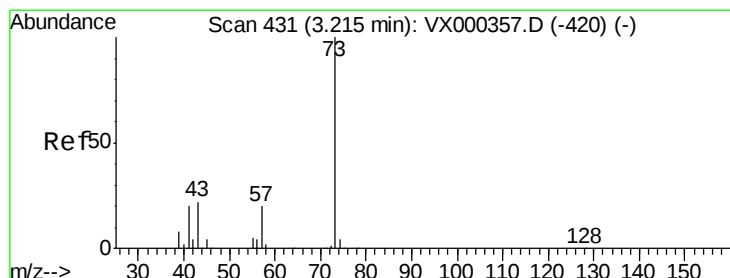
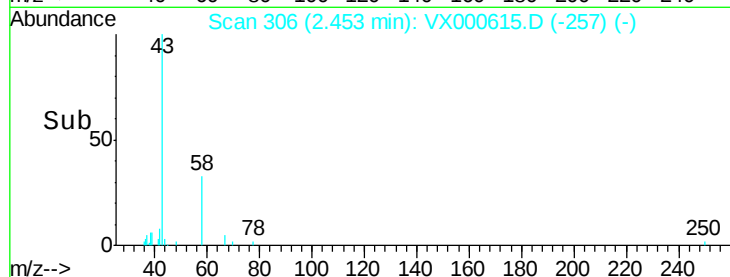
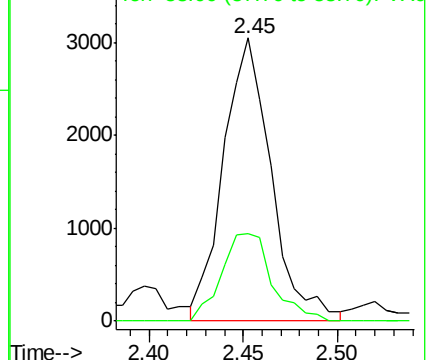
43 100

58 32.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 849.07 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000615.D

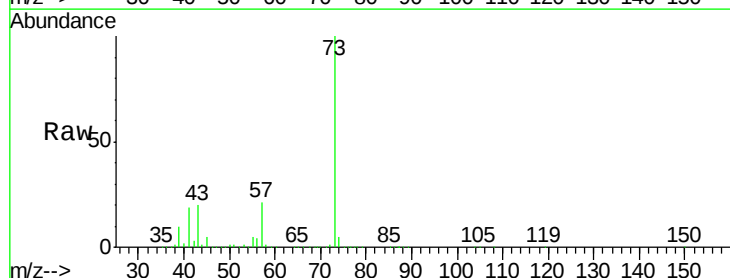
Acq: 01 Apr 2018 01:30

Tgt Ion: 73 Resp: 3626894

Ion Ratio Lower Upper

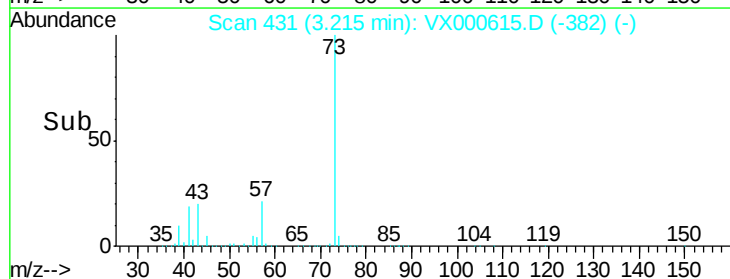
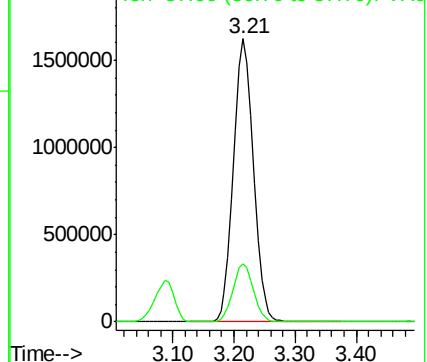
73 100

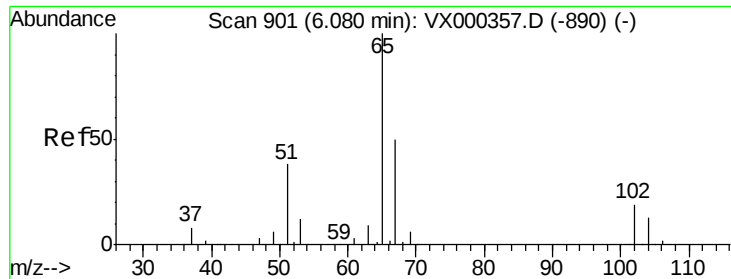
57 20.7 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

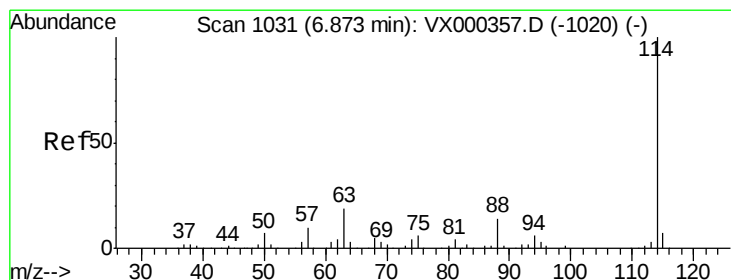
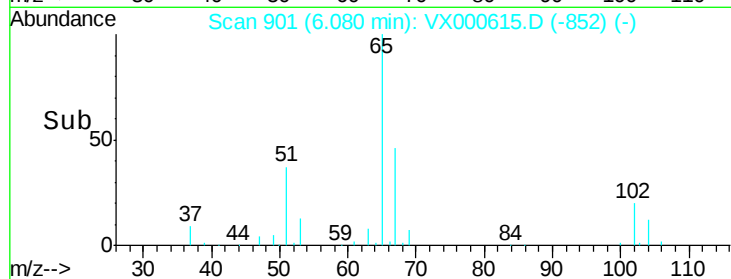
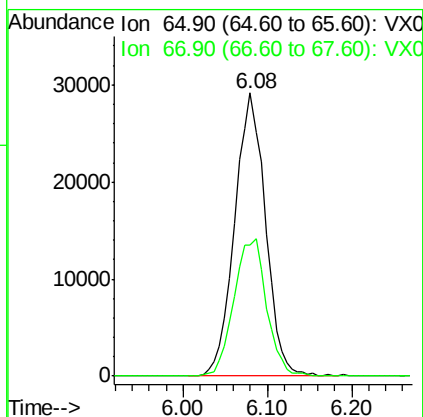
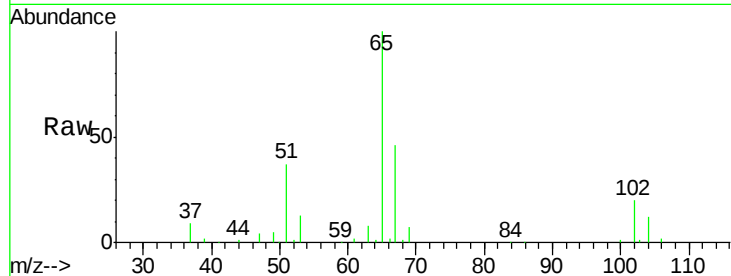
Ion 57.00 (56.70 to 57.70): VX0





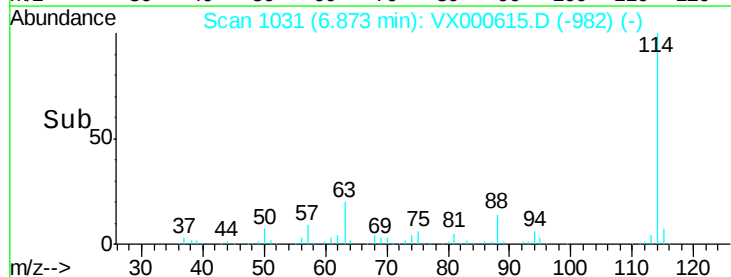
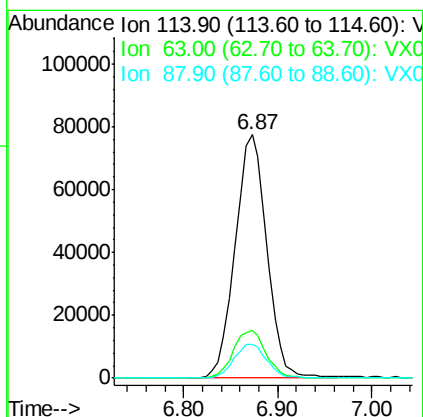
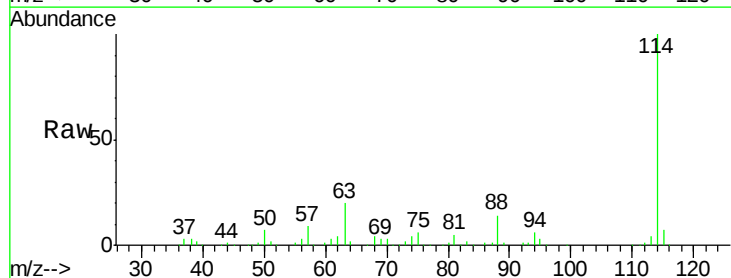
#33
 1,2-Dichloroethane-d4
 Concen: 51.77 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000615.D
 Acq: 01 Apr 2018 01:30

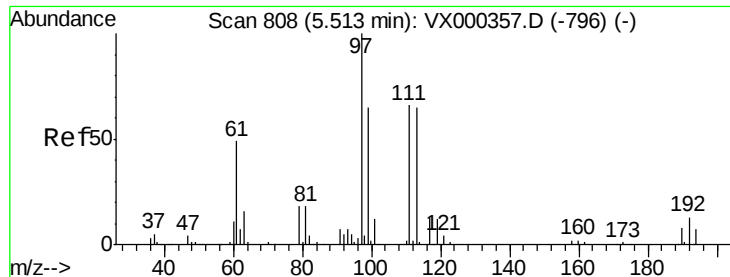
Tot Ion: 65 Resp: 72012
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000615.D
 Acq: 01 Apr 2018 01:30

Tgt Ion: 114 Resp: 181229
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 13.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.89 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

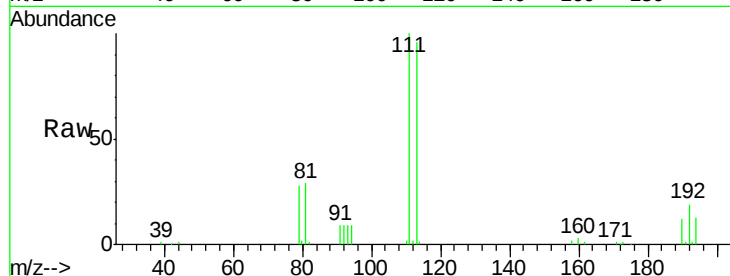
Tot Ion:113 Resp: 54685

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

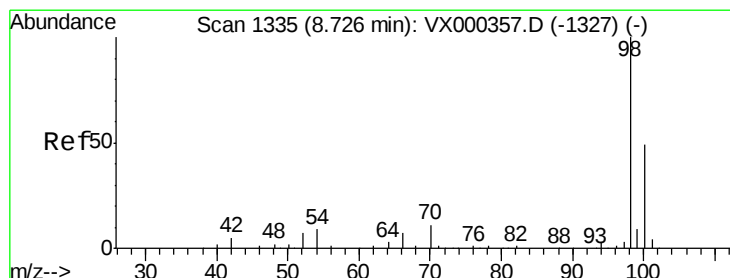
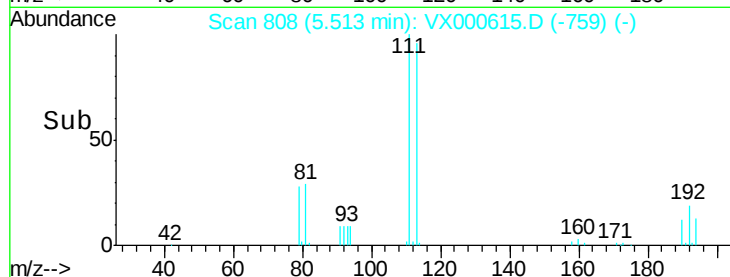
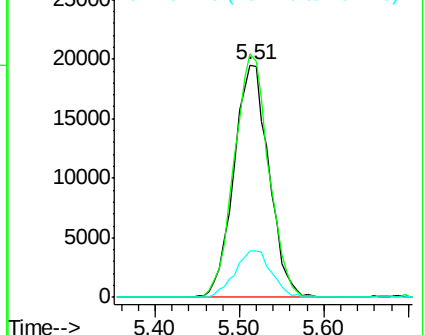
192 21.0 15.8 23.6



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: 48.90 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000615.D

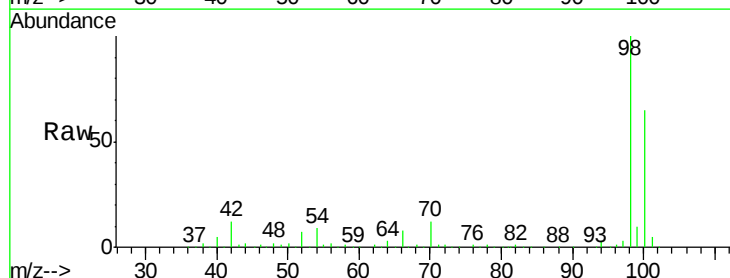
Acq: 01 Apr 2018 01:30

Tgt Ion: 98 Resp: 231271

Ion Ratio Lower Upper

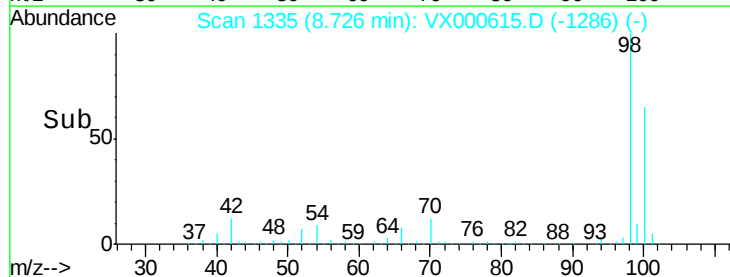
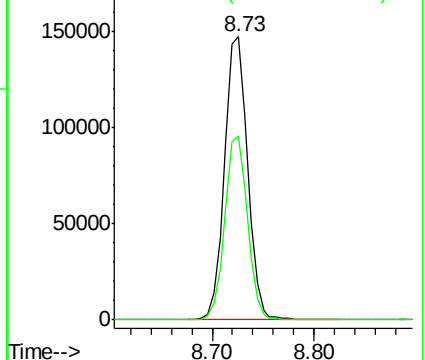
98 100

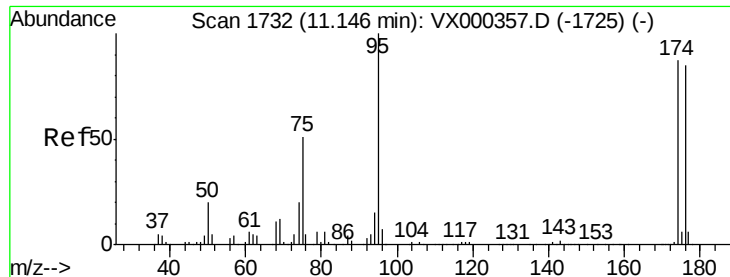
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.54 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

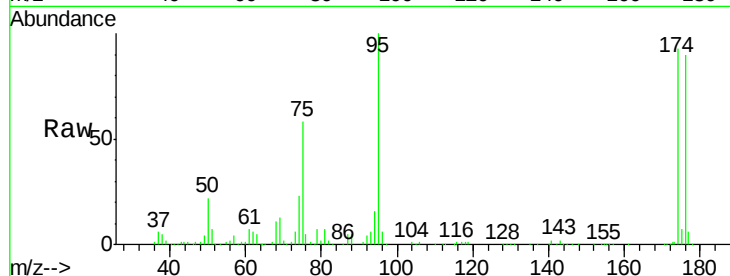
Tot Ion: 95 Resp: 78349

Ion Ratio Lower Upper

95 100

174 90.2 0.0 173.6

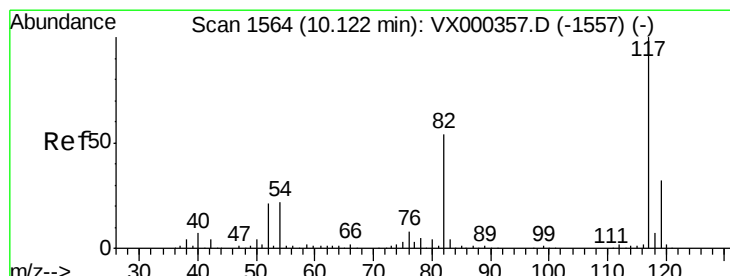
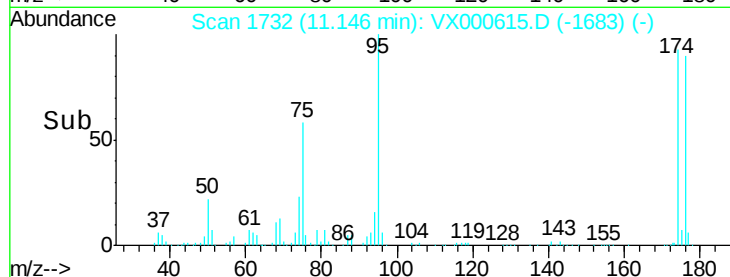
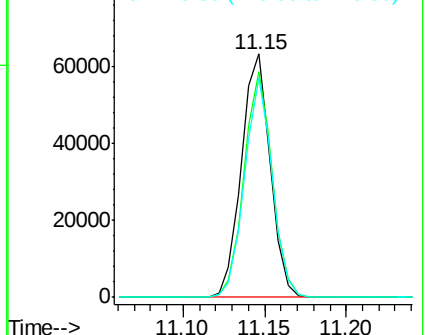
176 86.3 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000615.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000615.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000615.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

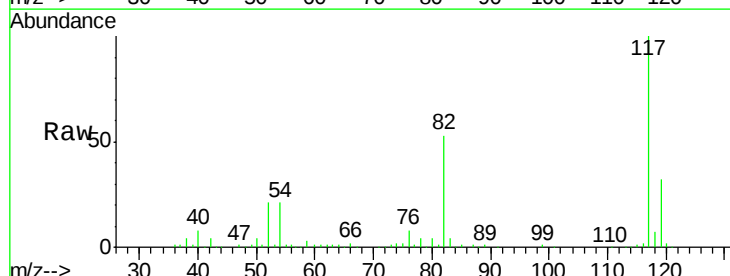
Tgt Ion: 117 Resp: 175749

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.8

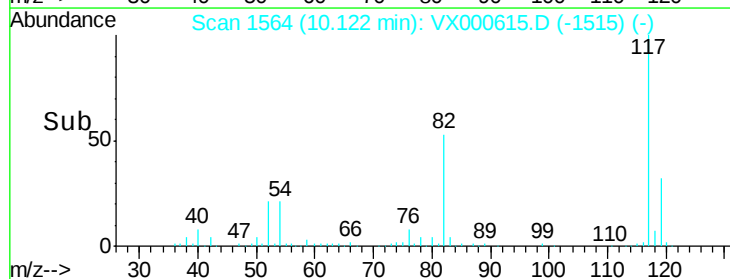
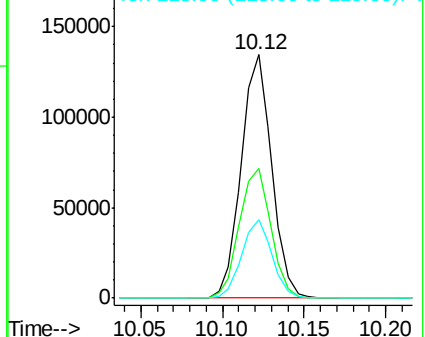
119 32.3 24.9 37.3

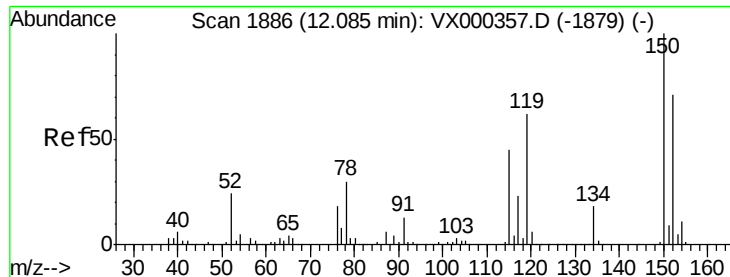


Abundance Ion 116.90 (116.60 to 117.60): VX000615.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000615.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000615.D (-1515) (-)

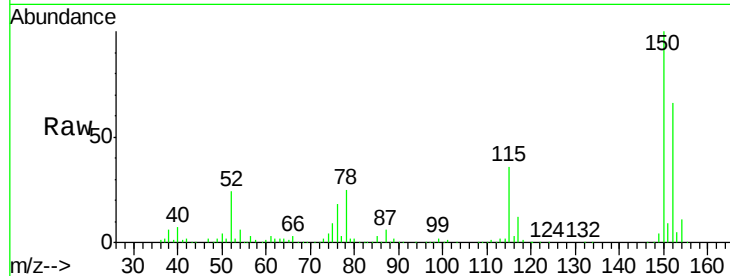




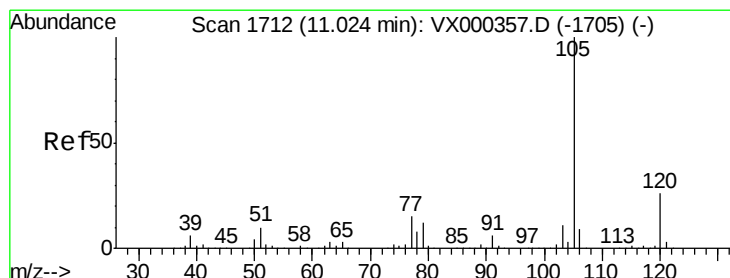
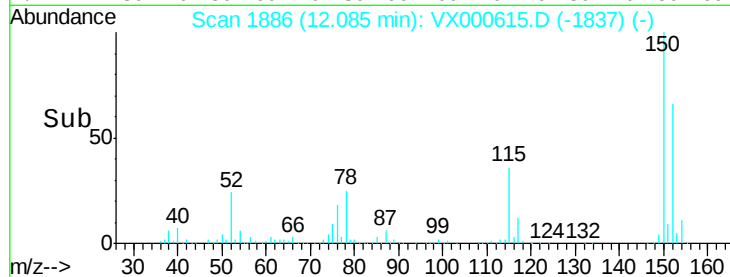
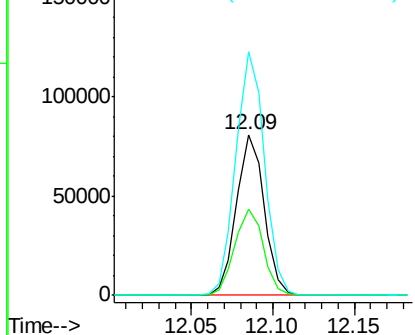
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000615.D
Acq: 01 Apr 2018 01:30

Tot Ion:152 Resp: 96025
Ion Ratio Lower Upper
152 100
115 55.5 39.8 119.3
150 156.4 0.0 344.4



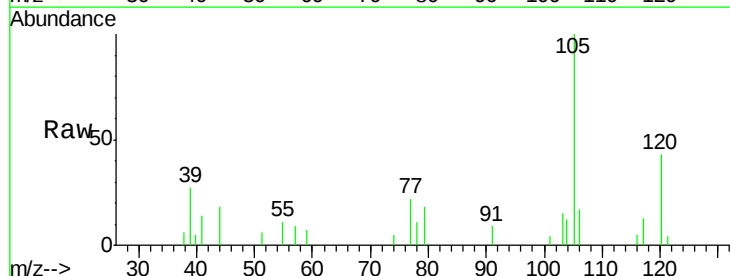
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



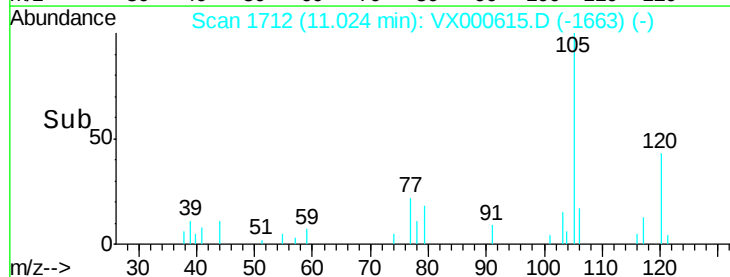
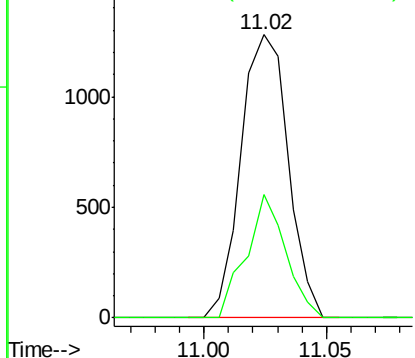
#73

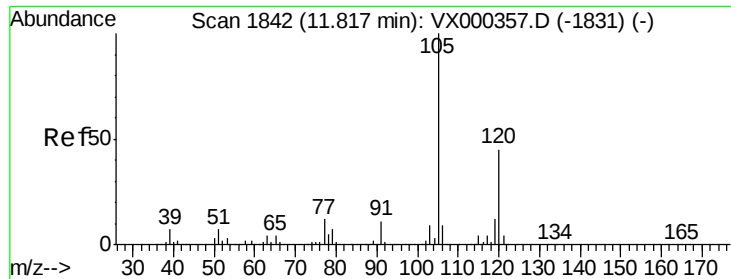
Isopropylbenzene
Concen: 0.27 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000615.D
Acq: 01 Apr 2018 01:30

Tgt Ion:105 Resp: 1724
Ion Ratio Lower Upper
105 100
120 36.4 13.6 40.7



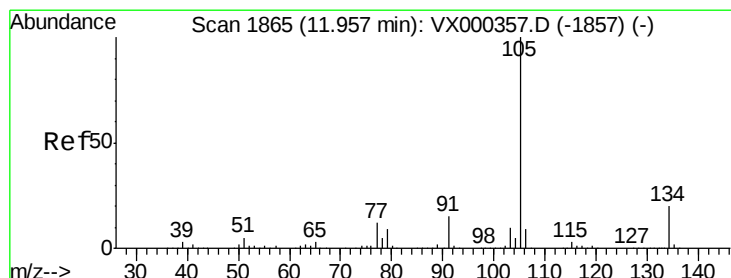
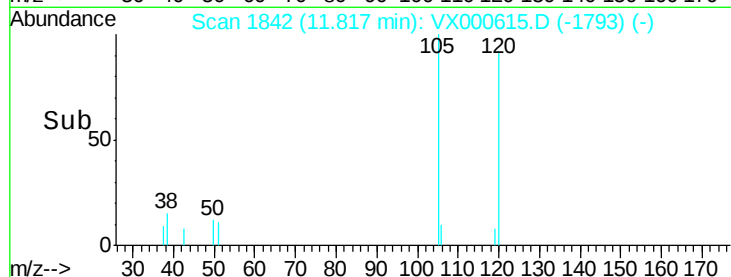
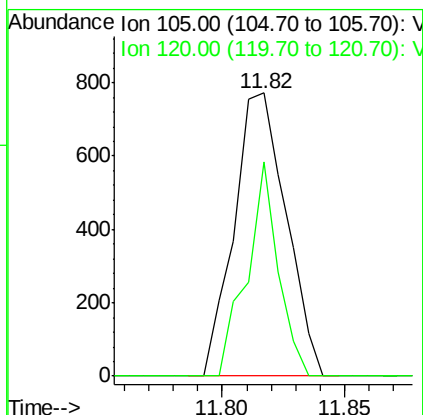
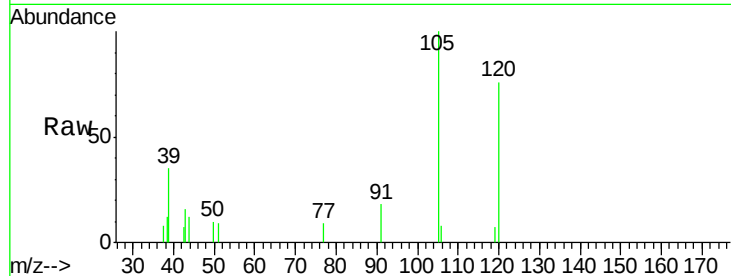
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 0.20 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000615.D
 Acq: 01 Apr 2018 01:30

Tot Ion:105 Resp: 1141
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 1.57 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000615.D
 Acq: 01 Apr 2018 01:30

Tgt Ion:105 Resp: 10491
 Ion Ratio Lower Upper
 105 100
 134 24.1 10.3 30.8

