

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000617.D
 Acq On : 01 Apr 2018 02:21
 Operator : JC/MD
 Sample : J2150-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

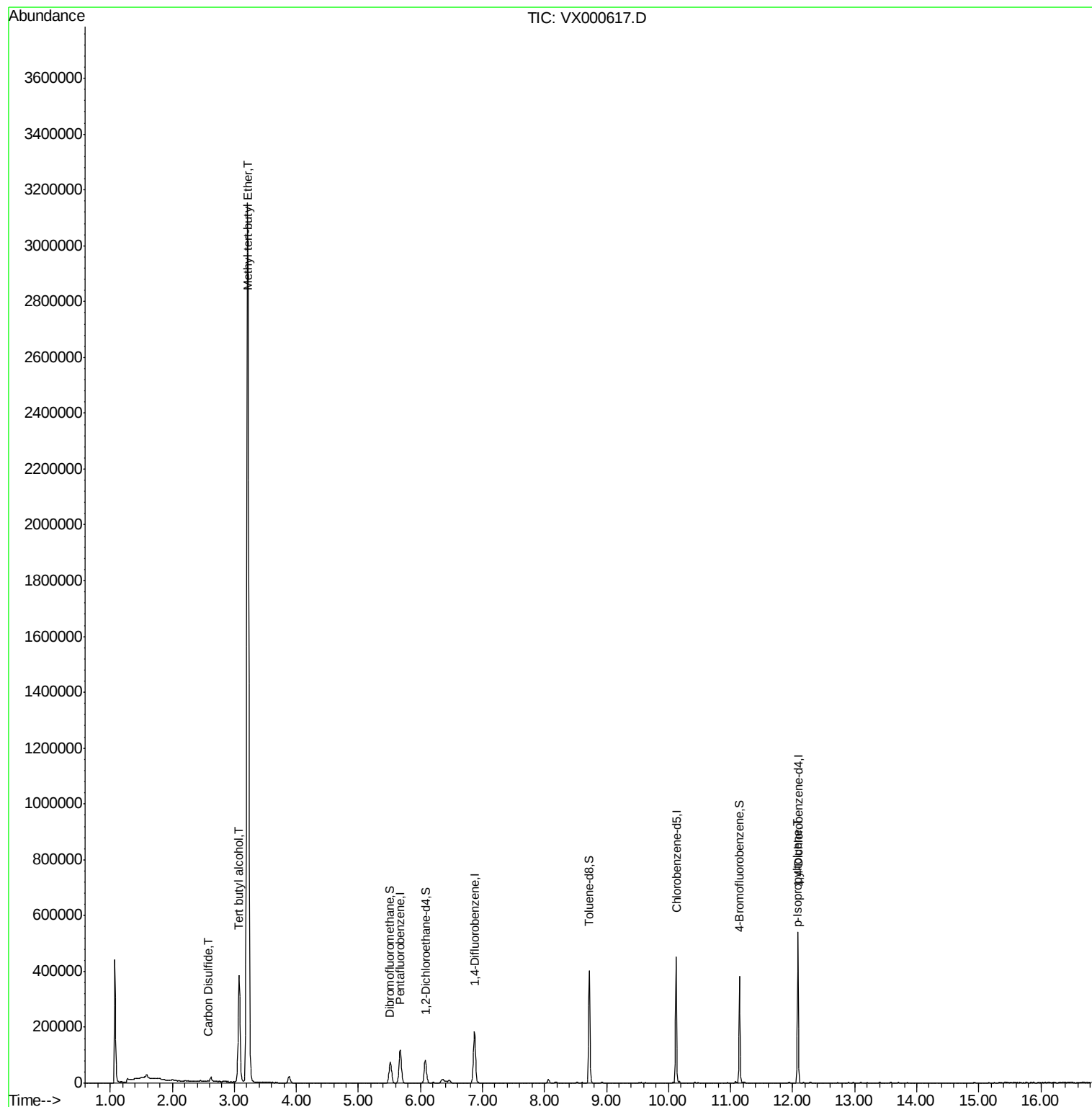
Quant Time: Apr 04 05:59:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	111322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76066	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	5.51	113	58954	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	8.73	98	237109	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.15	95	82650	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	460502	921.28	ug/l	Qvalue 100
17) Carbon Disulfide	2.57	76	4759	1.50	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	3534834	792.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	8067	1.28	ug/l	88

(#) = 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: VX000617.D

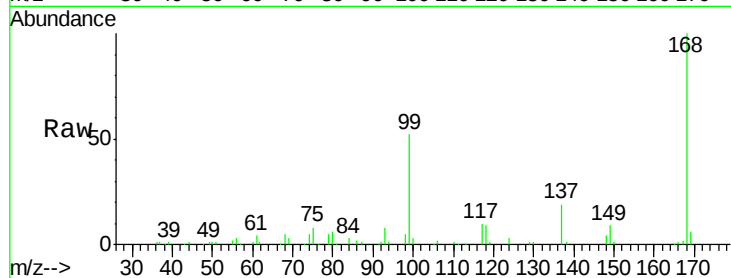
Acq: 01 Apr 2018 02:21

Tot Ion:168 Resp: 111322

Ion Ratio Lower Upper

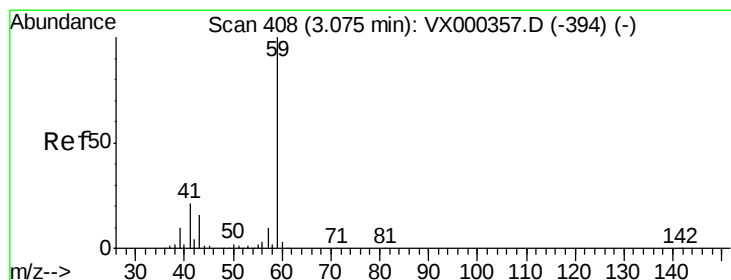
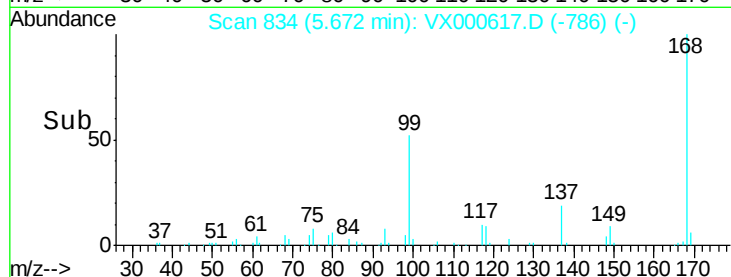
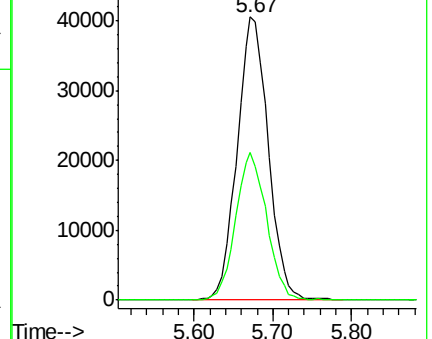
168 100

99 52.2 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: 921.28 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000617.D

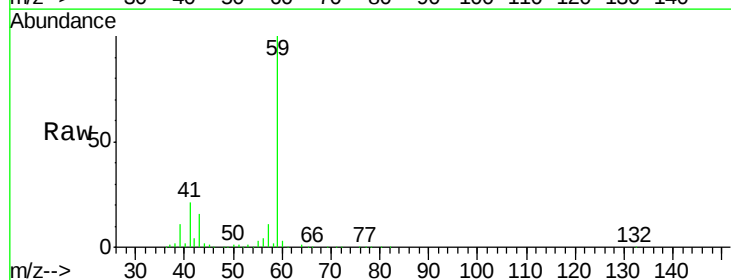
Acq: 01 Apr 2018 02:21

Tgt Ion: 59 Resp: 460502

Ion Ratio Lower Upper

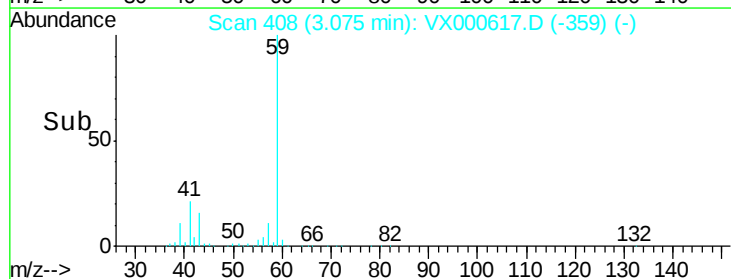
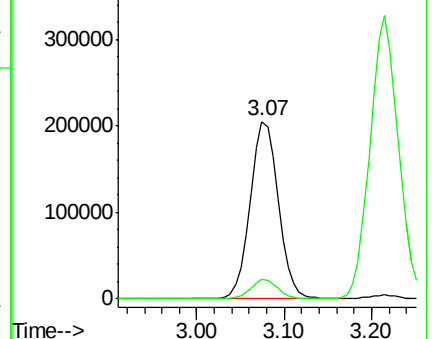
59 100

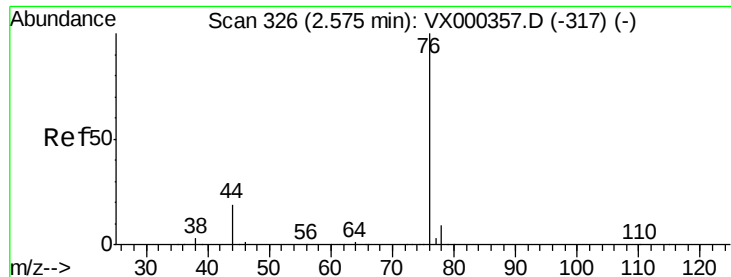
57 10.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#17

Carbon Disulfide

Concen: 1.50 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000617.D

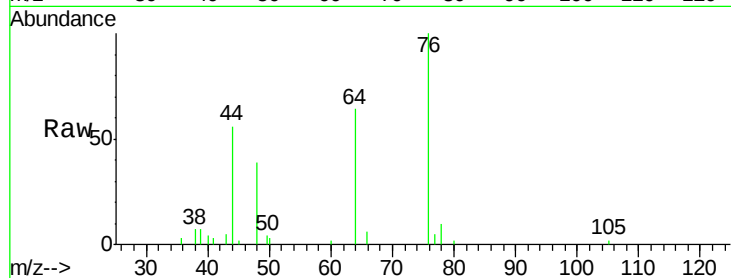
Acq: 01 Apr 2018 02:21

Tot Ion: 76 Resp: 4759

Ion Ratio Lower Upper

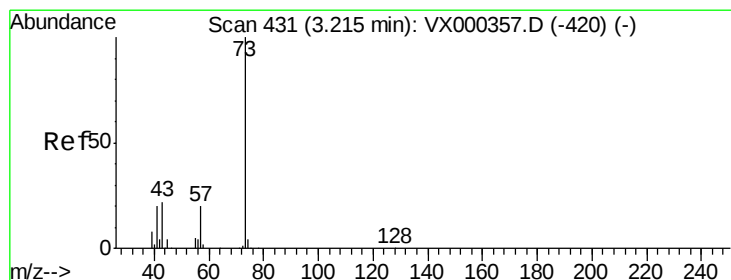
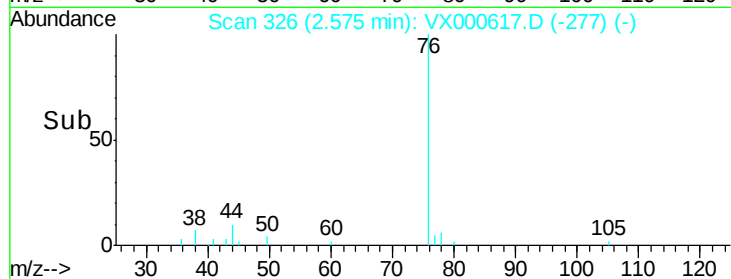
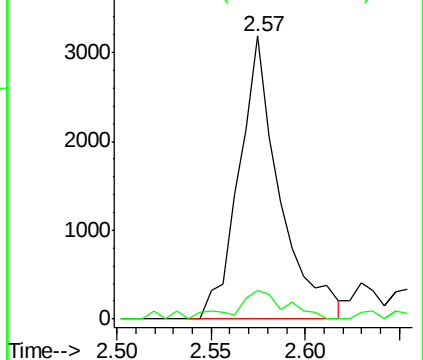
76 100

78 10.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#19

Methyl tert-butyl Ether

Concen: 792.09 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000617.D

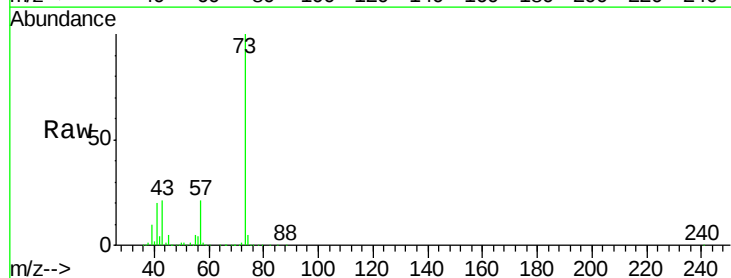
Acq: 01 Apr 2018 02:21

Tgt Ion: 73 Resp: 3534834

Ion Ratio Lower Upper

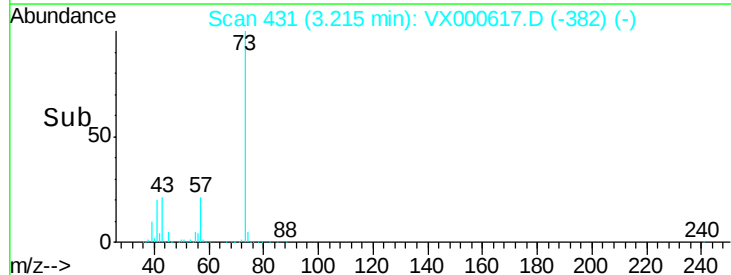
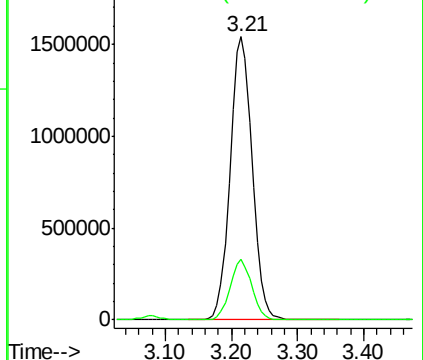
73 100

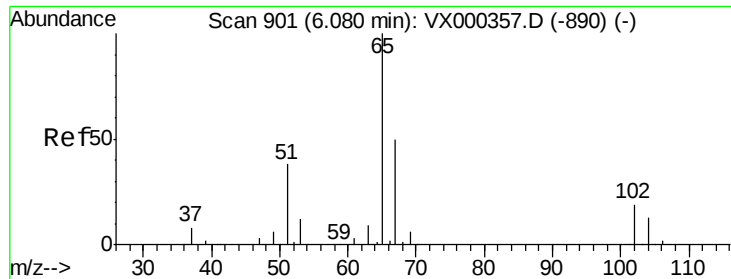
57 21.3 17.2 25.8



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: 52.35 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000617.D

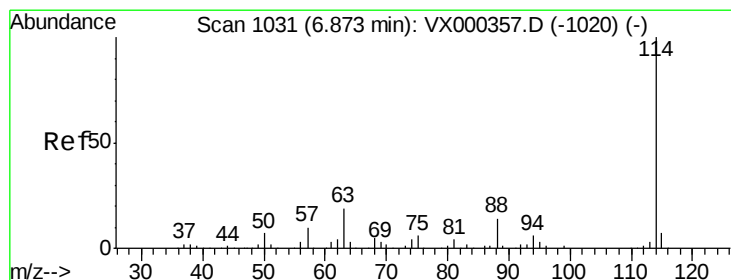
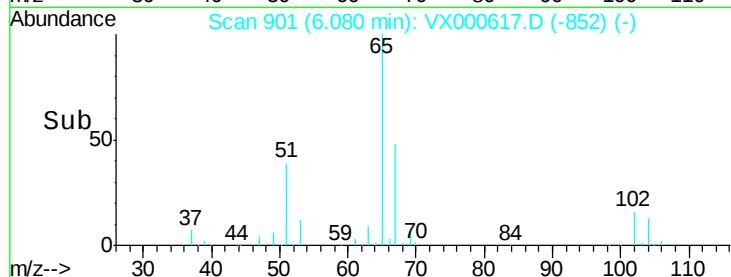
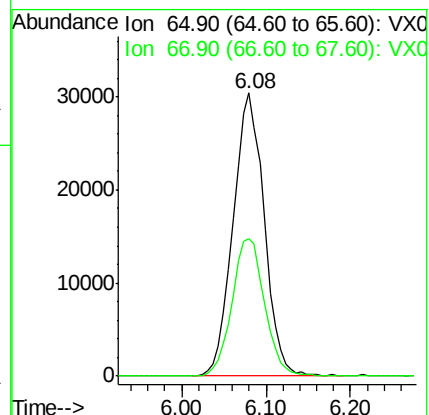
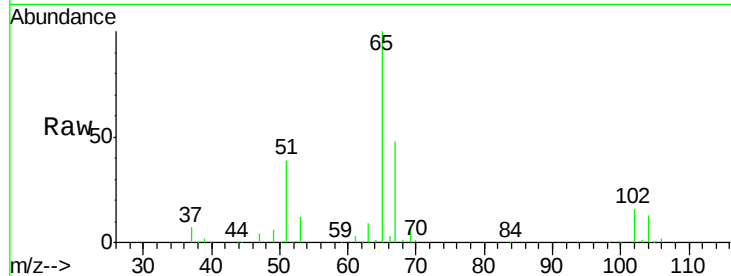
Acq: 01 Apr 2018 02:21

Tot Ion: 65 Resp: 76066

Ion Ratio Lower Upper

65 100

67 50.9 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: VX000617.D

Acq: 01 Apr 2018 02:21

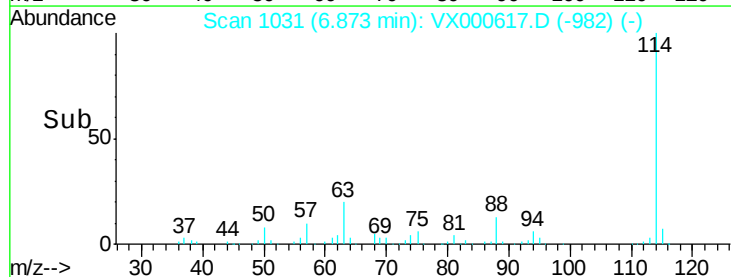
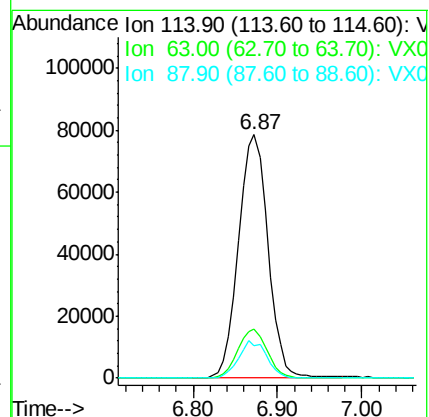
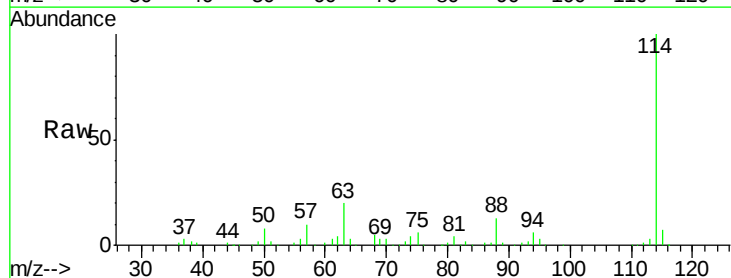
Tgt Ion: 114 Resp: 185969

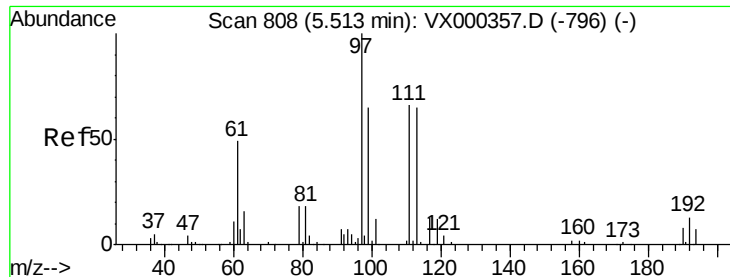
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 13.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.31 ug/l

RT: 5.51 min Scan# 808

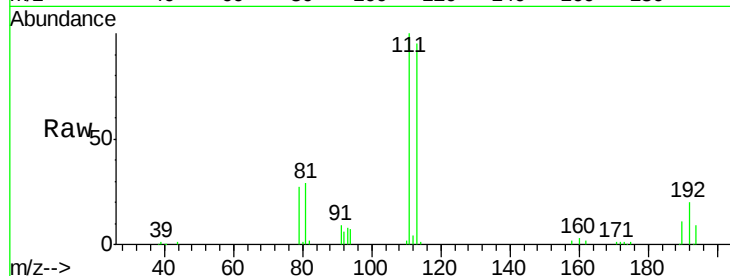
Delta R.T. -0.00 min

Lab File: VX000617.D

Acq: 01 Apr 2018 02:21

Tot Ion:113 Resp: 58954

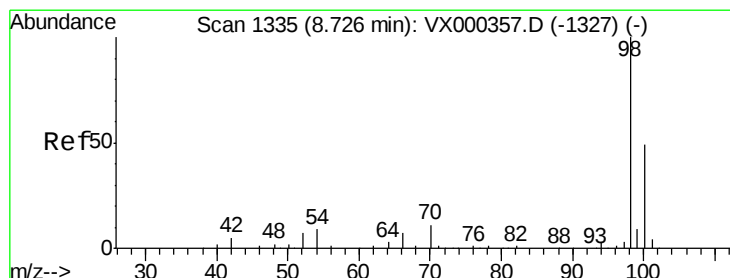
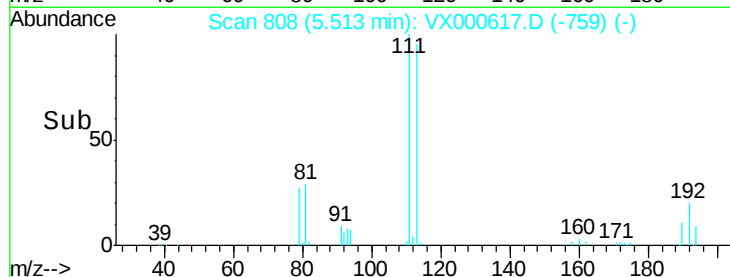
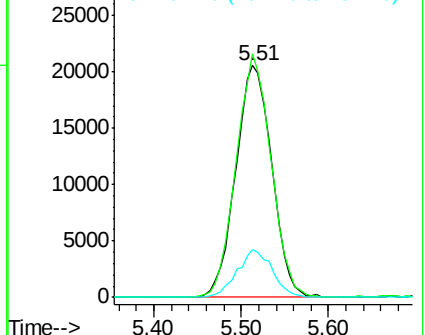
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.1	15.8	23.6



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: 48.86 ug/l

RT: 8.73 min Scan# 1335

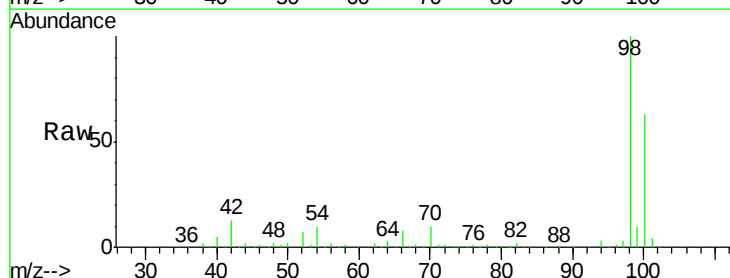
Delta R.T. -0.00 min

Lab File: VX000617.D

Acq: 01 Apr 2018 02:21

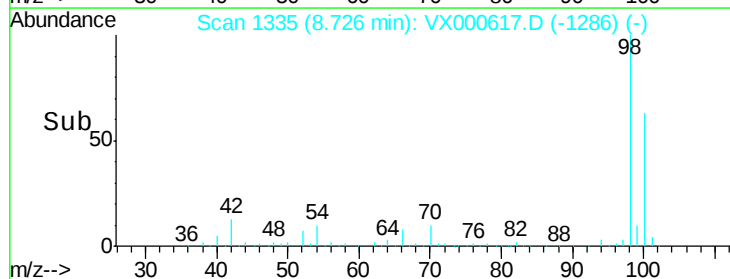
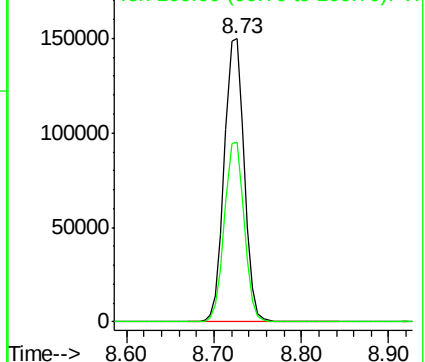
Tgt Ion: 98 Resp: 237109

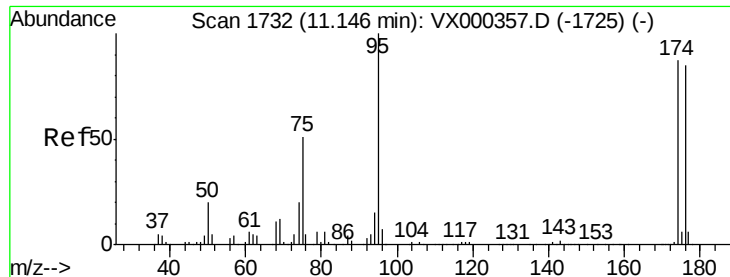
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.50 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000617.D

Acq: 01 Apr 2018 02:21

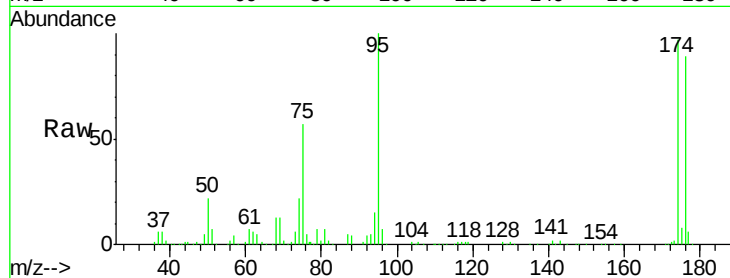
Tot Ion: 95 Resp: 82650

Ion Ratio Lower Upper

95 100

174 94.7 0.0 173.6

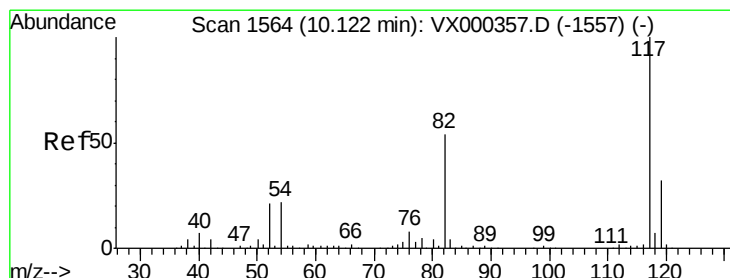
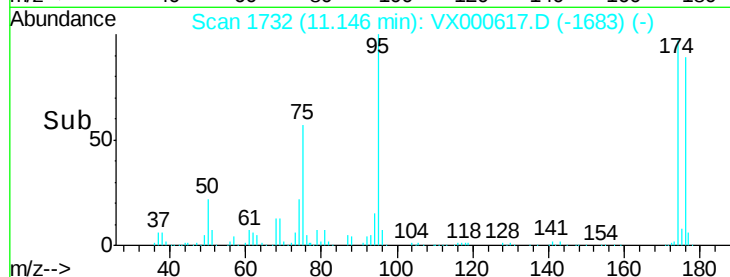
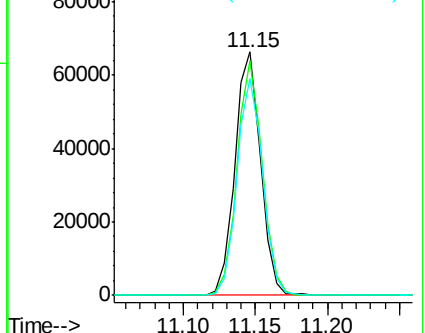
176 88.5 0.0 164.6



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: VX000617.D

Acq: 01 Apr 2018 02:21

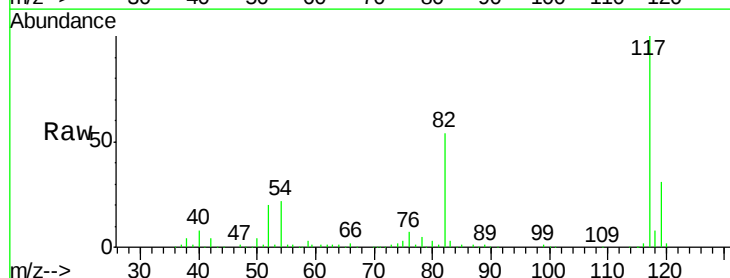
Tgt Ion: 117 Resp: 188109

Ion Ratio Lower Upper

117 100

82 53.9 43.8 65.8

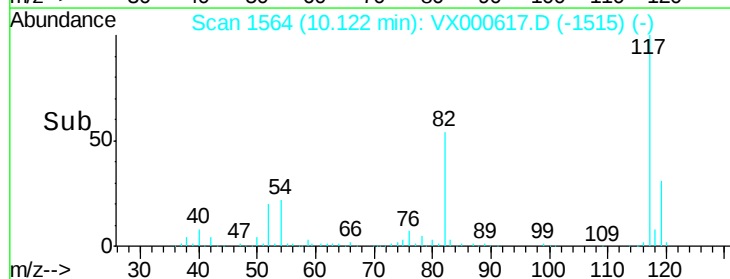
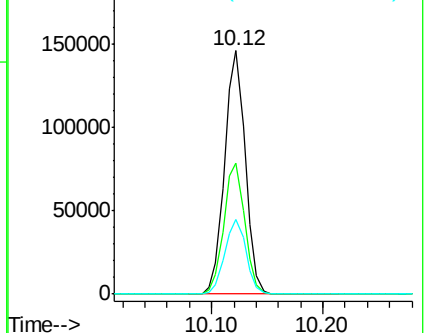
119 30.9 24.9 37.3

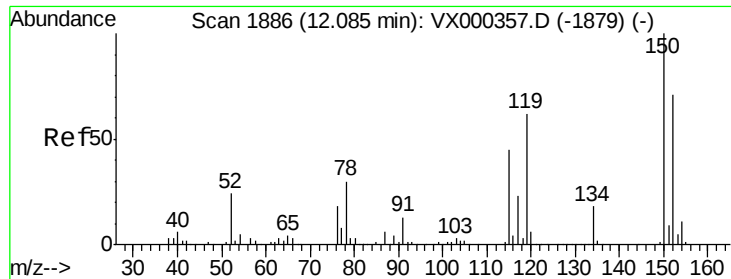


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

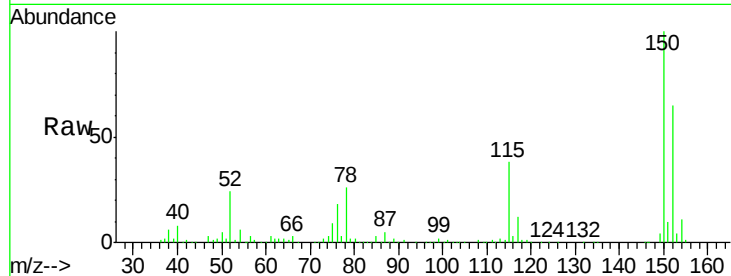




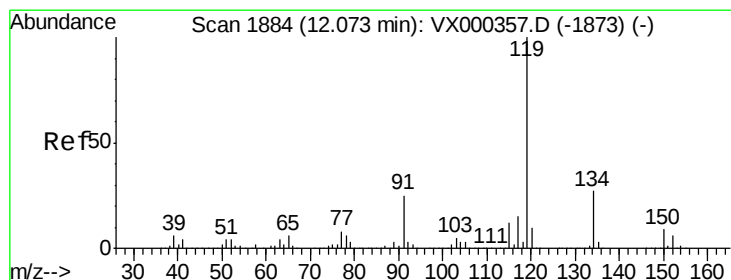
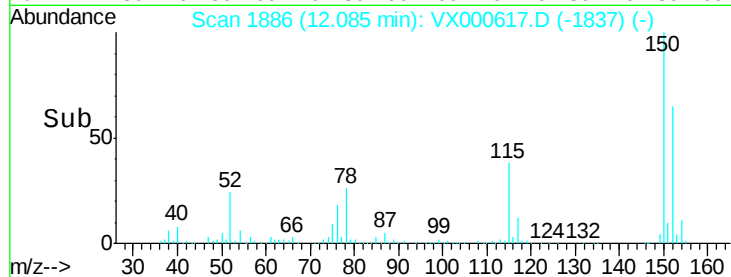
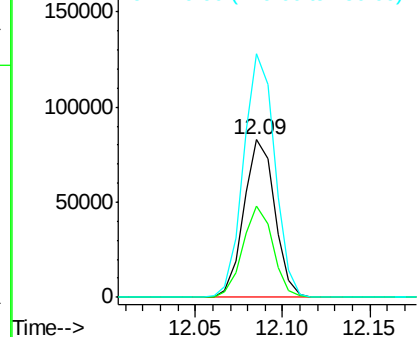
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tot Ion:152 Resp: 101683
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 156.7 0.0 344.4



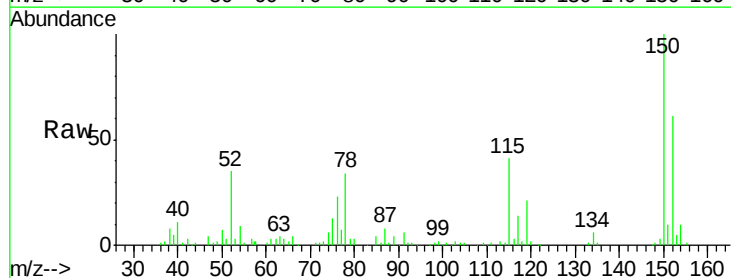
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#86

p-Isopropyltoluene
Concen: 1.28 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000617.D
Acq: 01 Apr 2018 02:21

Tgt Ion:119 Resp: 8067
Ion Ratio Lower Upper
119 100
134 29.3 13.3 39.9
91 34.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

