

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000147.D
 Acq On : 27 Feb 2018 16:44
 Operator : JC/MD
 Sample : J1674-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 BR-2

Quant Time: Feb 28 05:44:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

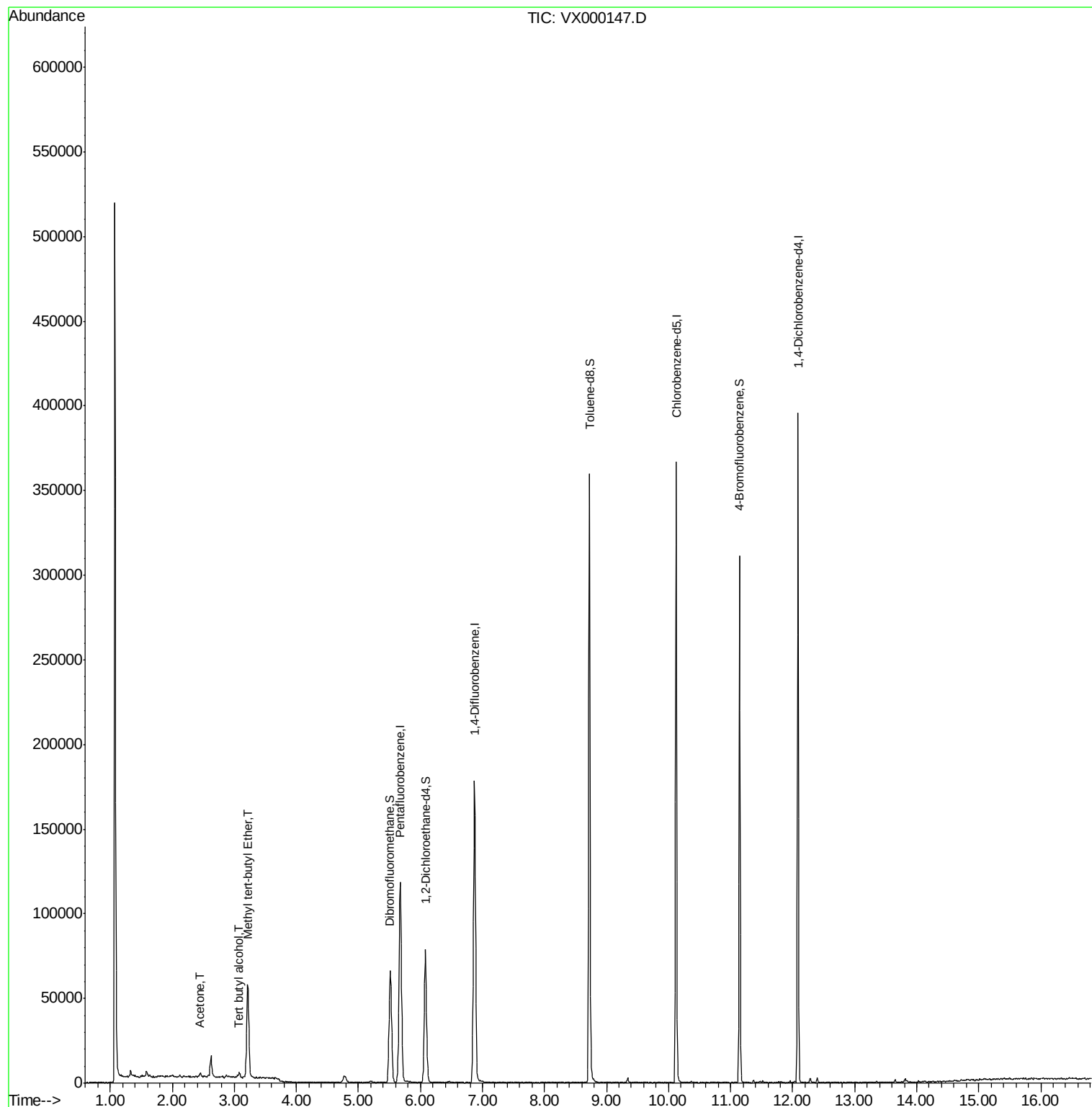
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	110900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	68584	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	52607	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	8.73	98	211981	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.15	95	72587	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	4128	7.73	ug/l	Qvalue 100
16) Acetone	2.45	43	3000	3.34	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	63443	15.91	ug/l	99

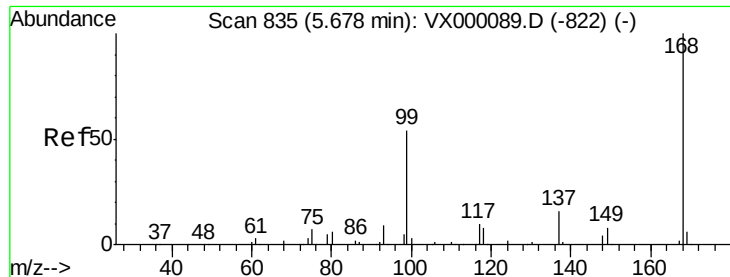
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000147.D

Acq: 27 Feb 2018 16:44

Instrument :

ClientSampled :

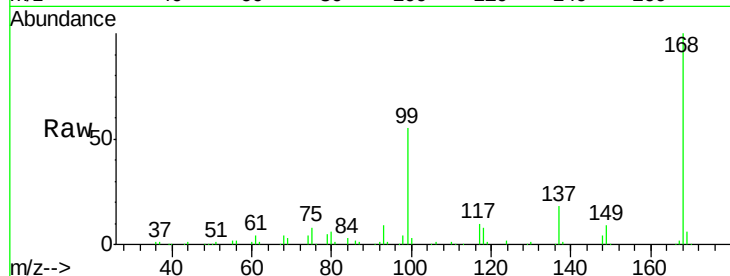
BR-2

Tot Ion:168 Resp: 110900

Ion Ratio Lower Upper

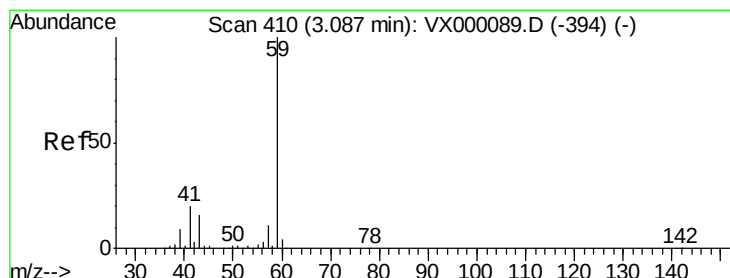
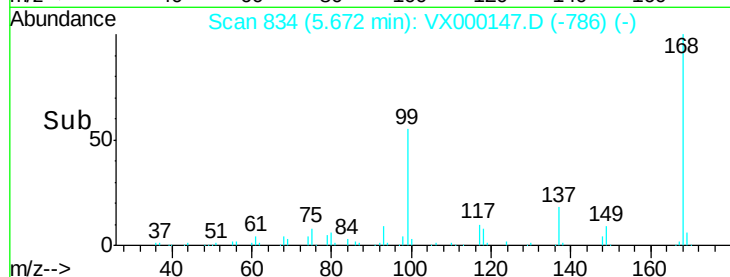
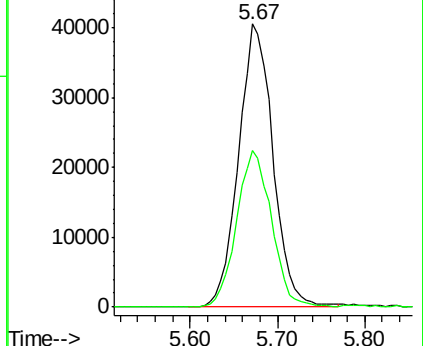
168 100

99 55.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.73 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX000147.D

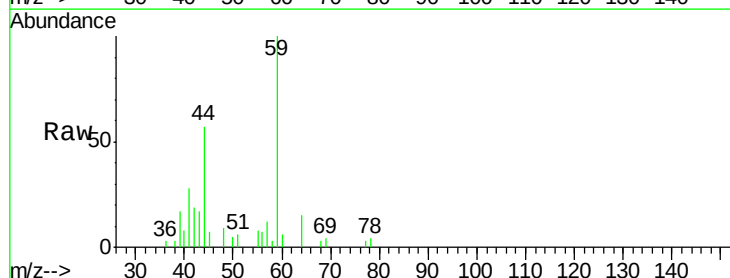
Acq: 27 Feb 2018 16:44

Tgt Ion: 59 Resp: 4128

Ion Ratio Lower Upper

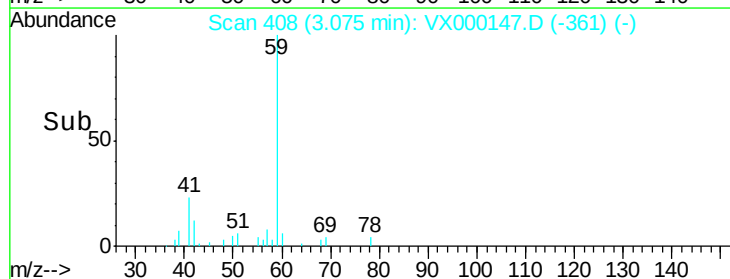
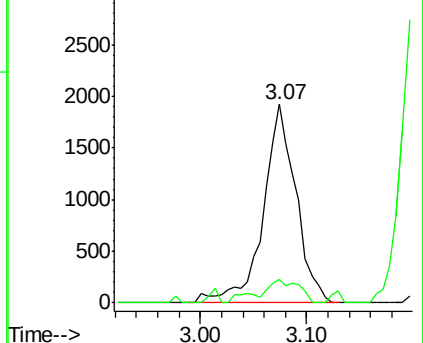
59 100

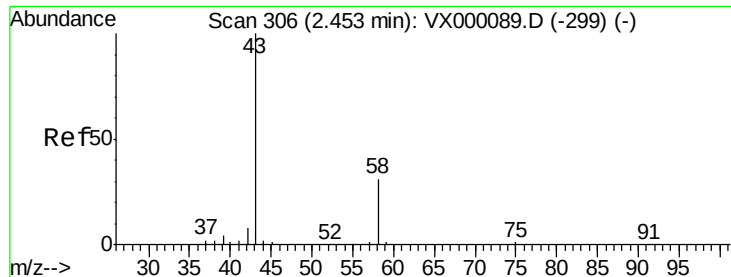
57 10.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 3.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000147.D

Acq: 27 Feb 2018 16:44

Instrument :

ClientSampled :

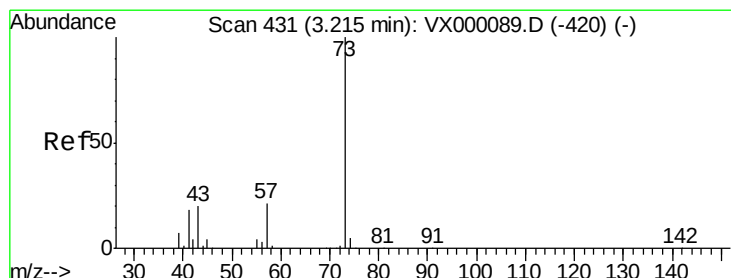
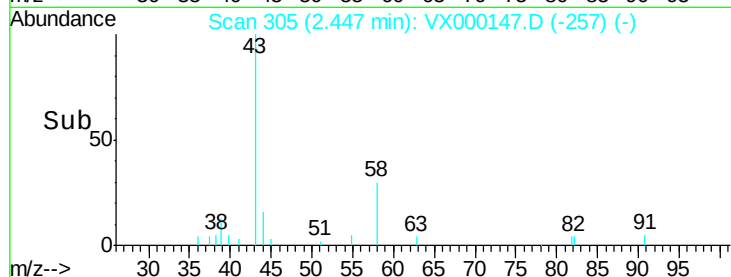
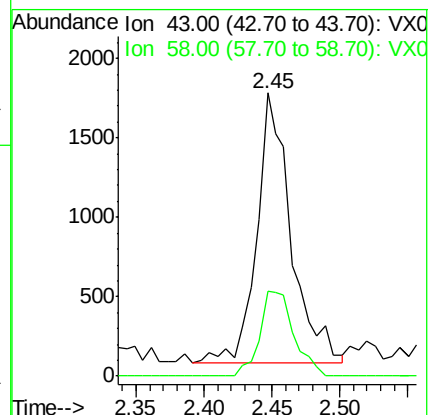
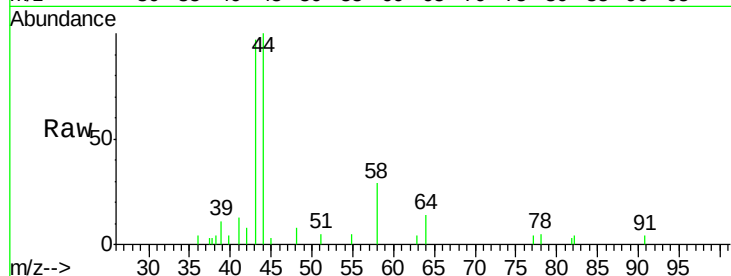
BR-2

Tot Ion: 43 Resp: 3000

Ion Ratio Lower Upper

43 100

58 31.5 25.0 37.4



#19

Methyl tert-butyl Ether

Concen: 15.91 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000147.D

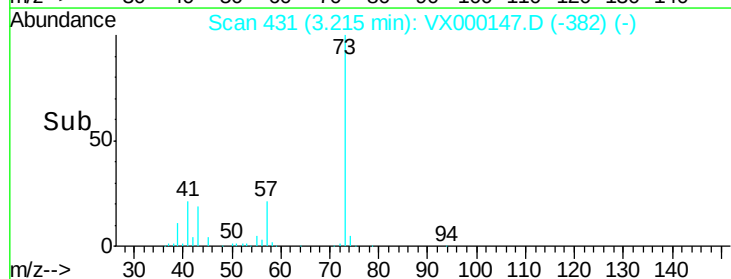
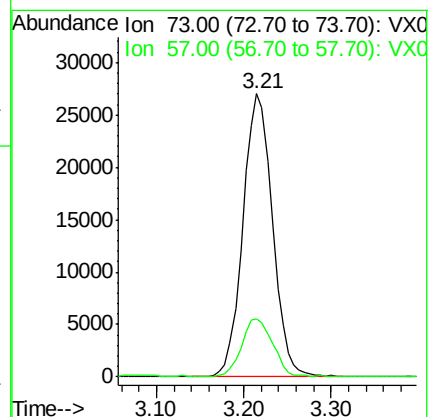
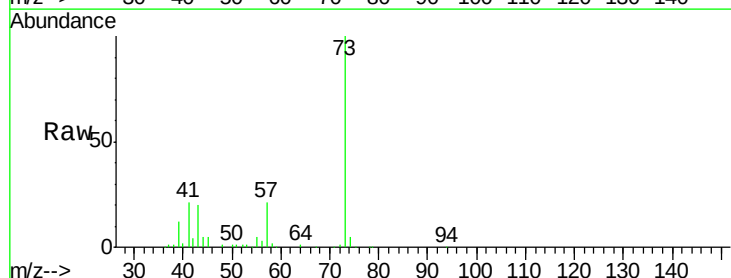
Acq: 27 Feb 2018 16:44

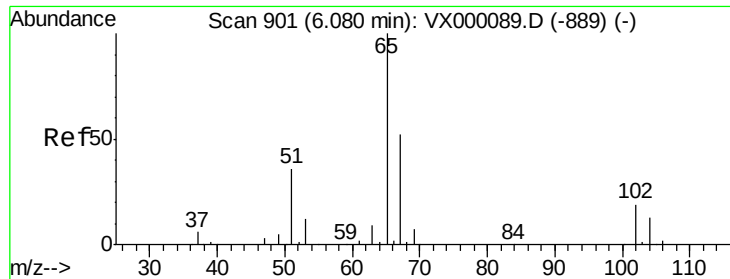
Tgt Ion: 73 Resp: 63443

Ion Ratio Lower Upper

73 100

57 20.8 16.4 24.6

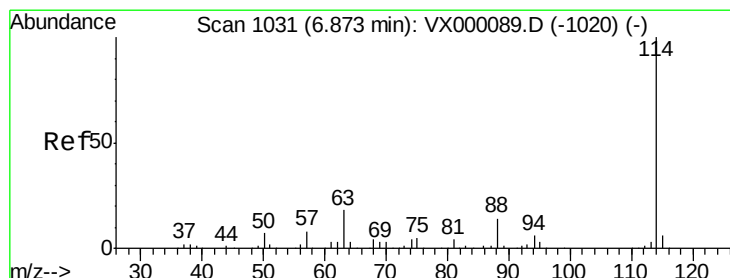
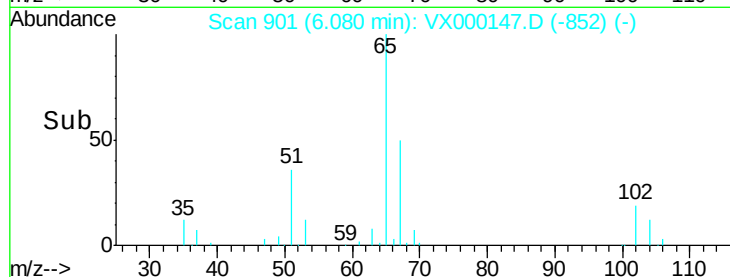
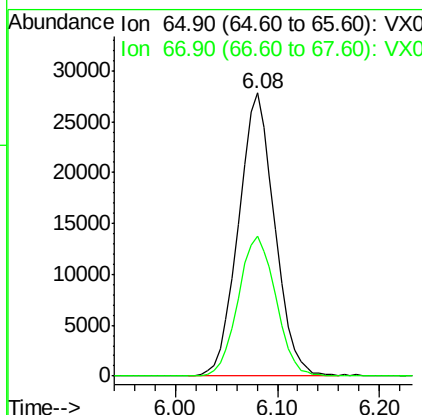
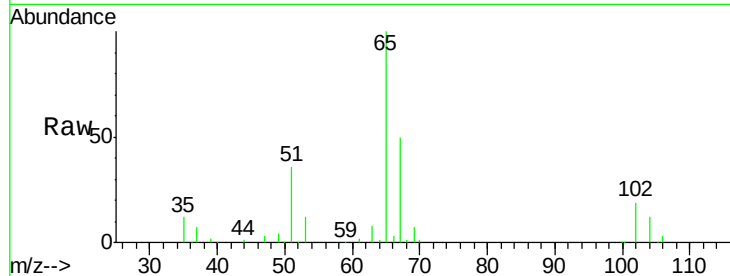




#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000147.D
 Acq: 27 Feb 2018 16:44

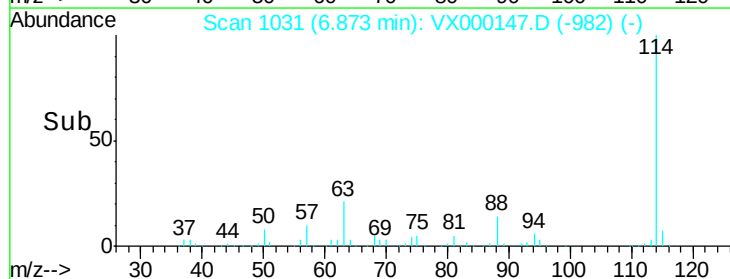
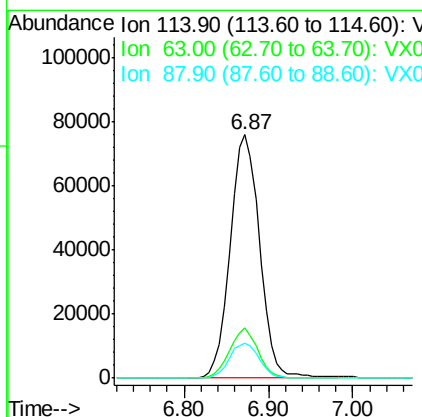
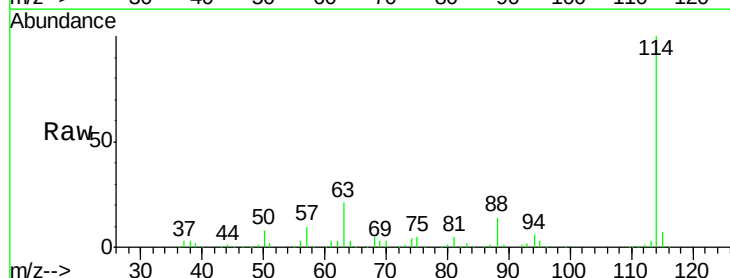
Instrument :
 ClientSampled :
 BR-2

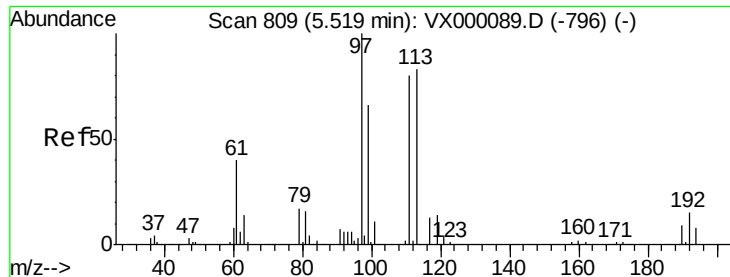
Tot Ion: 65 Resp: 68584
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000147.D
 Acq: 27 Feb 2018 16:44

Tgt Ion: 114 Resp: 179664
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.4
 88 14.3 0.0 29.0

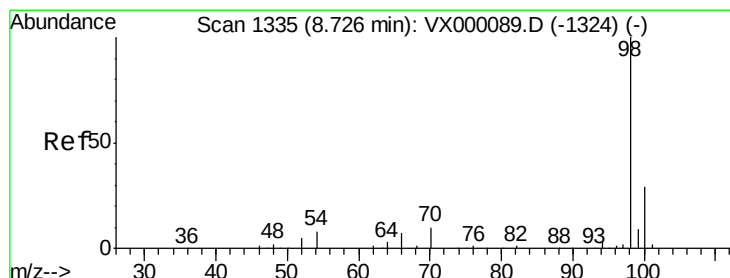
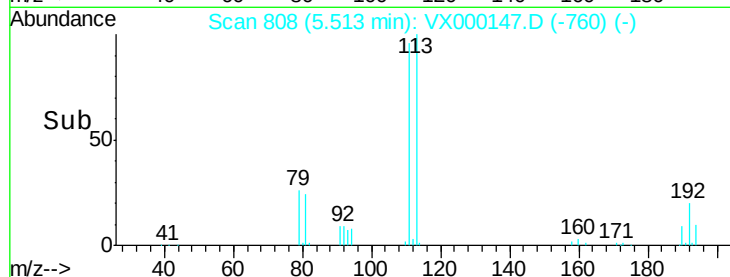
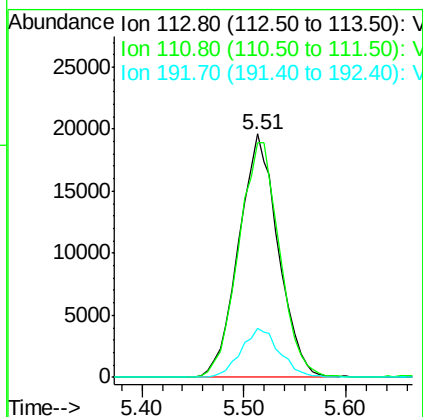
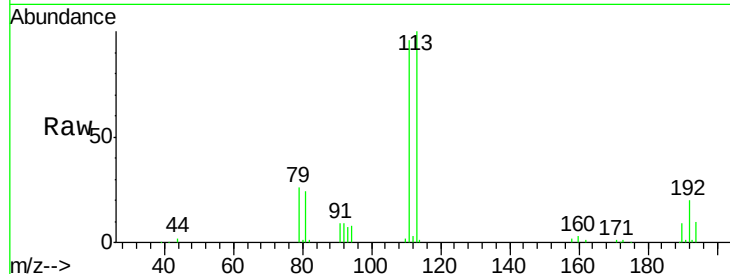




#35
 Dibromofluoromethane
 Concen: 46.39 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000147.D
 Acq: 27 Feb 2018 16:44

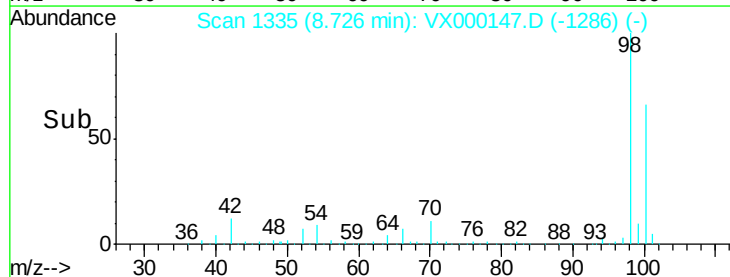
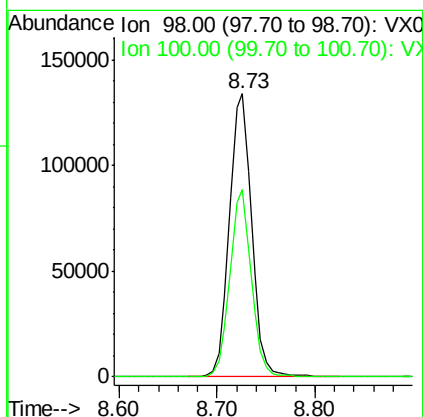
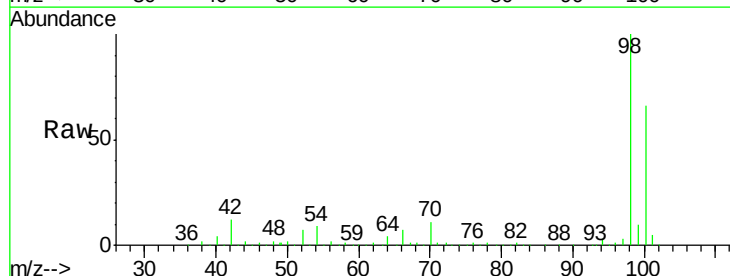
Instrument :
 ClientSampled :
 BR-2

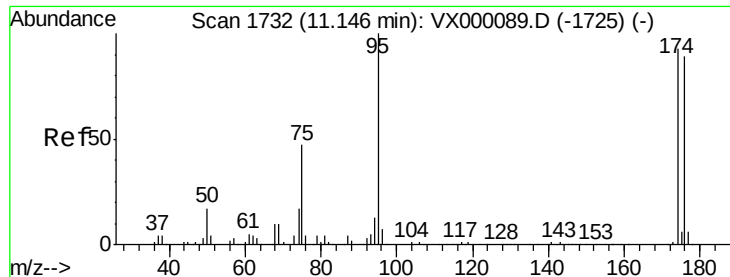
Tot Ion:113 Resp: 52607
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.0 121.6
 192 19.6 15.7 23.5



#50
 Toluene-d8
 Concen: 47.39 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000147.D
 Acq: 27 Feb 2018 16:44

Tgt Ion: 98 Resp: 211981
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.2 78.2

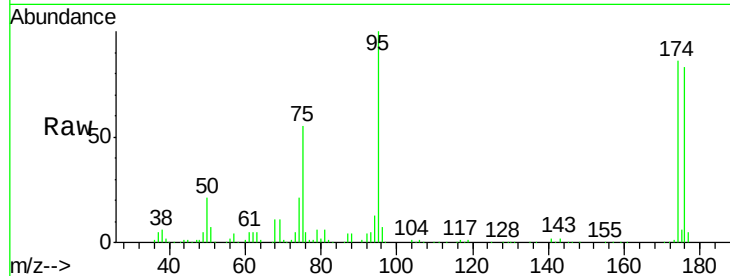




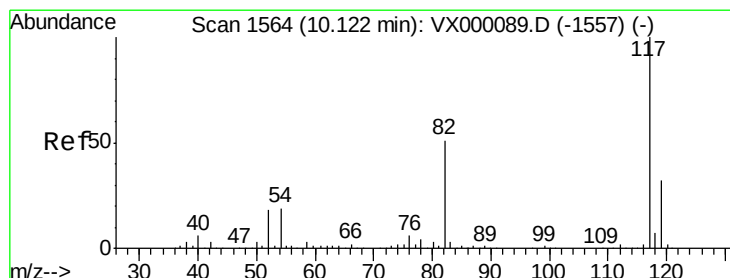
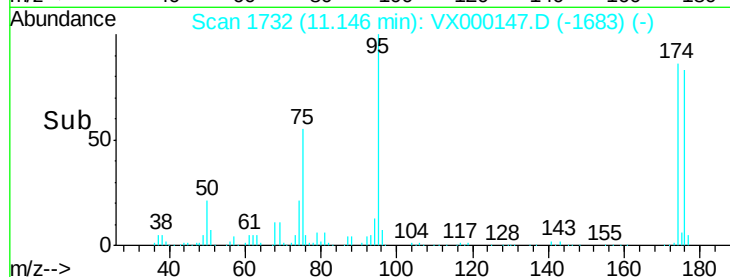
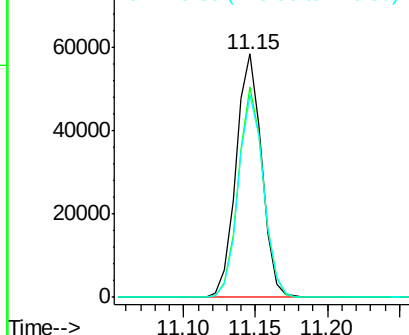
#62
4-Bromofluorobenzene
Concen: 41.39 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000147.D
Acq: 27 Feb 2018 16:44

Instrument :
ClientSampleId :
BR-2

Tot Ion	95	Resp	72587
Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	187.8
176	82.0	0.0	181.2

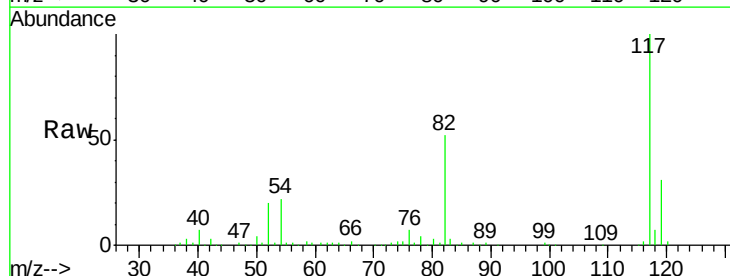


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

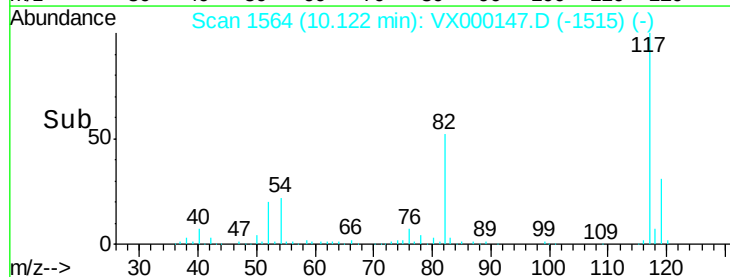
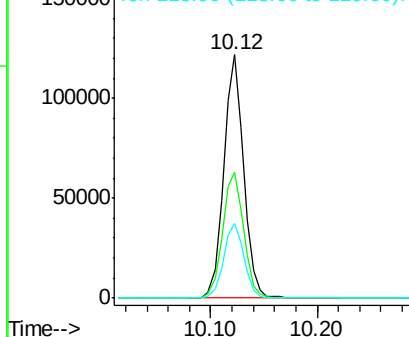


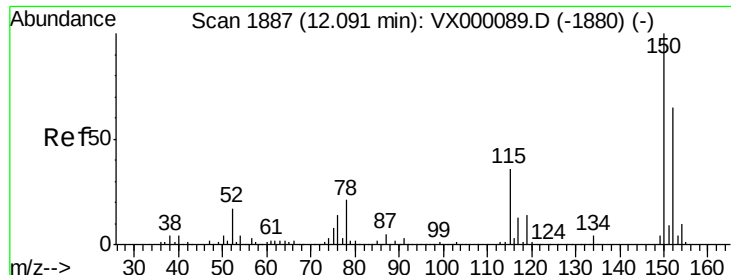
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000147.D
Acq: 27 Feb 2018 16:44

Tgt Ion	117	Resp	158075
Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.0	61.6
119	30.9	25.5	38.3



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

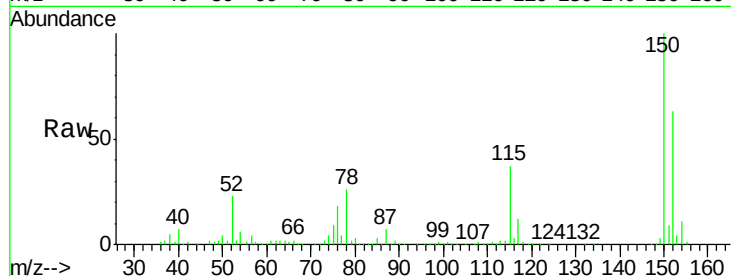




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: VX000147.D
 Acq: 27 Feb 2018 16:44

Instrument :
 ClientSampleId :
 BR-2

Tot Ion:152 Resp: 75378
 Ion Ratio Lower Upper
 152 100
 115 58.0 39.1 117.2
 150 157.9 0.0 348.2



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

