

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000414.D
 Acq On : 22 Mar 2018 18:37
 Operator : JC/MD
 Sample : J2005-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8S-031918

Quant Time: Mar 23 06:56:06 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	86322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	67155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	63844	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	
35) Dibromofluoromethane	5.52	113	48523	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
50) Toluene-d8	8.73	98	188180	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	11.15	95	59950	36.89	ug/l	0.00
Spiked Amount			Recovery	=	73.78%	

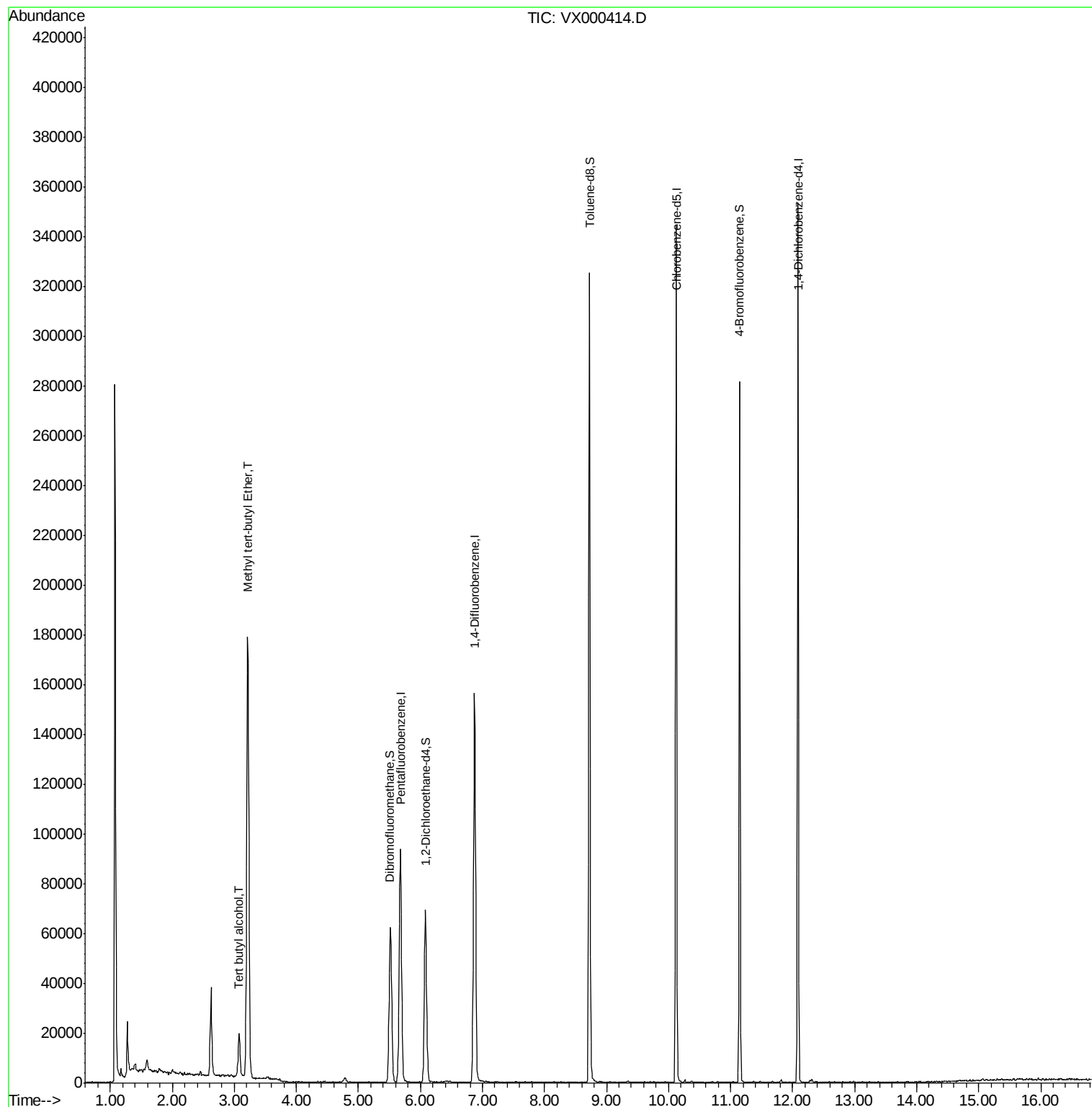
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	20948	54.05	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	203502	58.81	ug/l	98

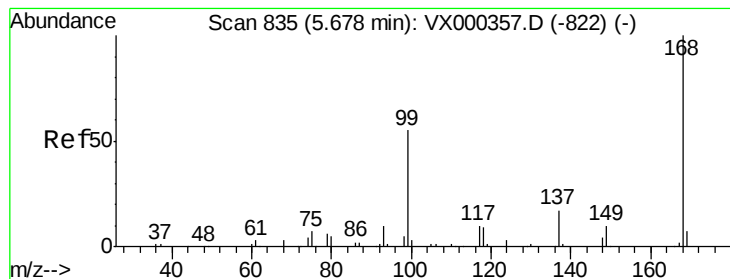
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

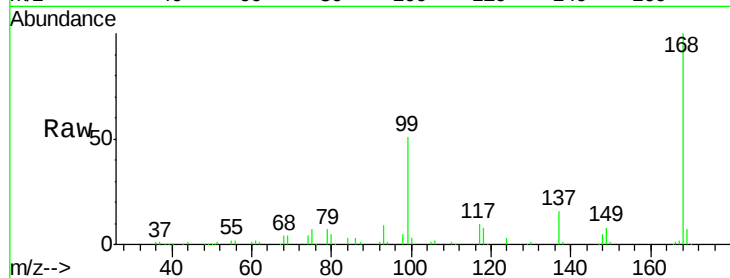
MW-8S-031918

Tot Ion:168 Resp: 86322

Ion Ratio Lower Upper

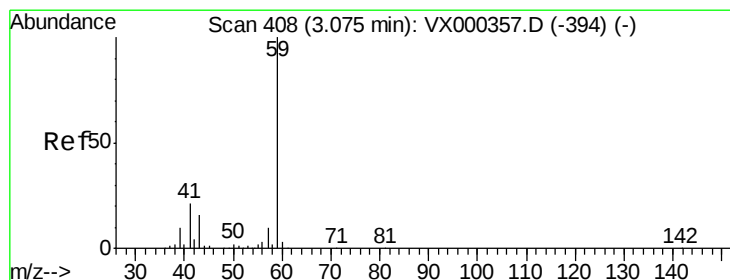
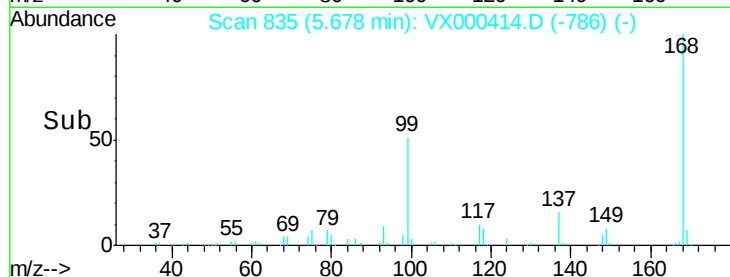
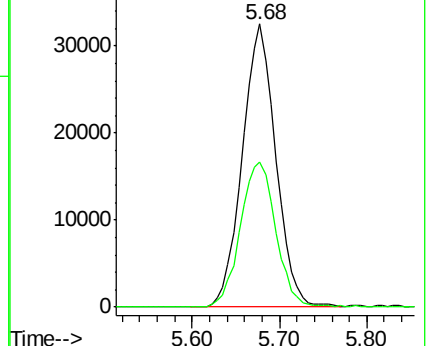
168 100

99 51.2 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: 54.05 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000414.D

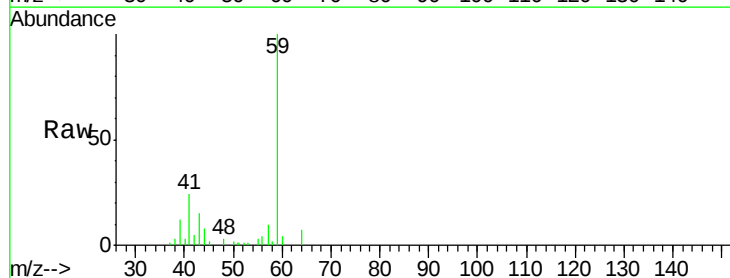
Acq: 22 Mar 2018 18:37

Tgt Ion: 59 Resp: 20948

Ion Ratio Lower Upper

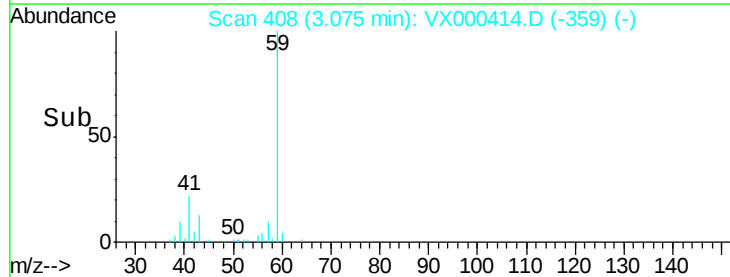
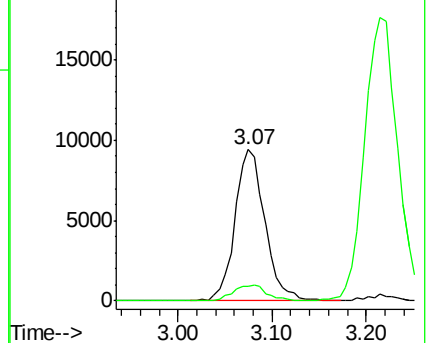
59 100

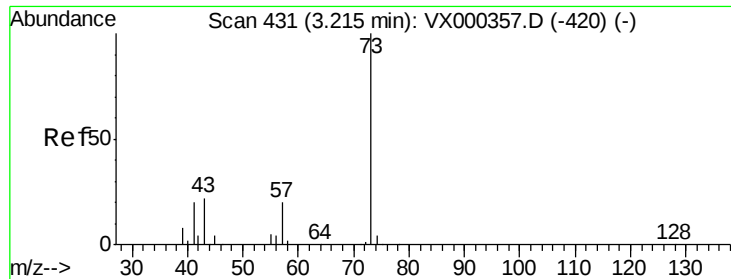
57 11.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

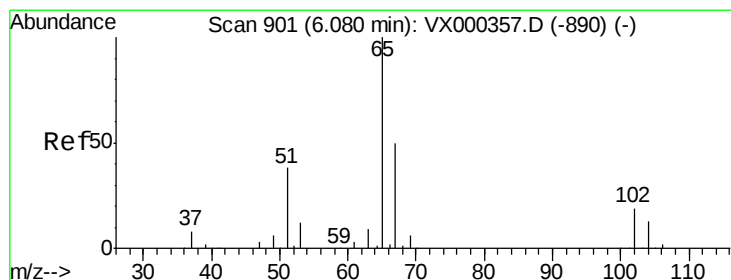
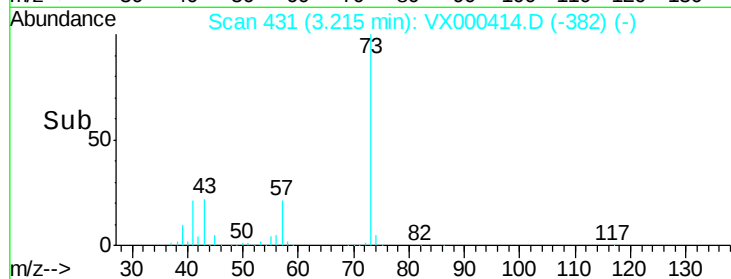
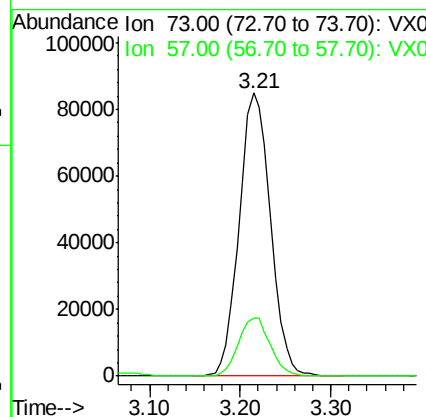
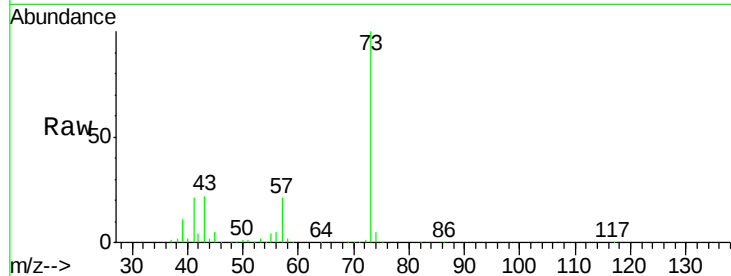




#19
Methvl tert-butvl Ether
Concen: 58.81 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

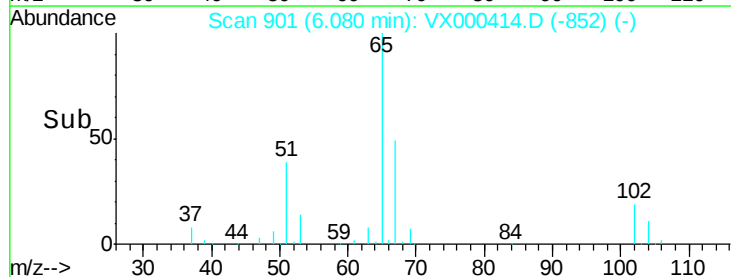
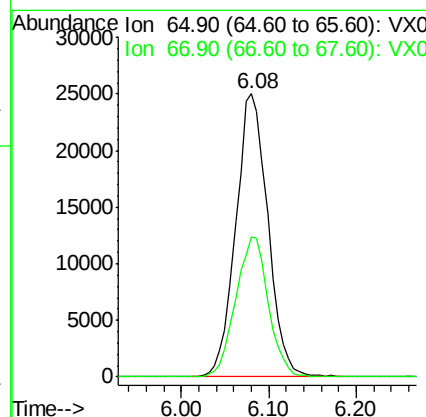
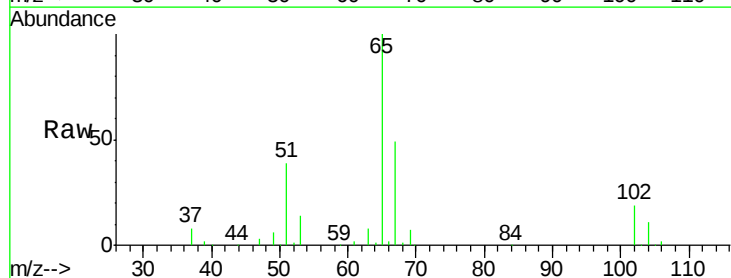
Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

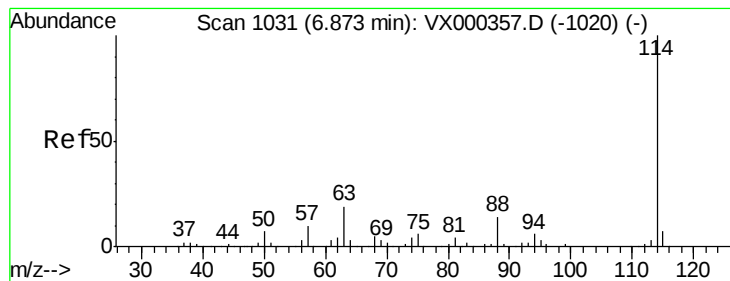
Tot Ion: 73 Resp: 203502
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 56.66 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion: 65 Resp: 63844
Ion Ratio Lower Upper
65 100
67 50.1 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: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-8S-031918

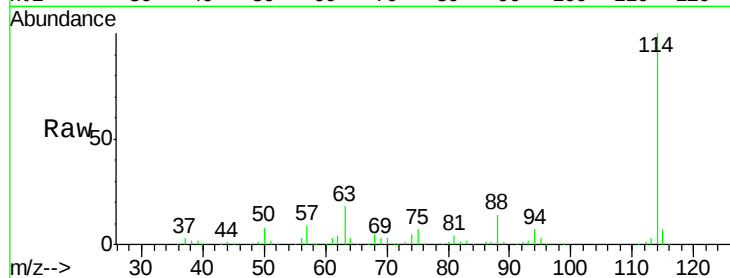
Tot Ion:114 Resp: 155141

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

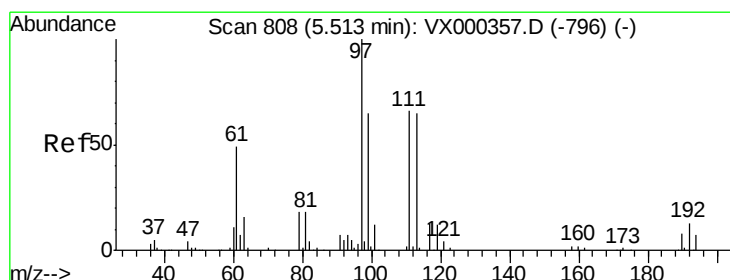
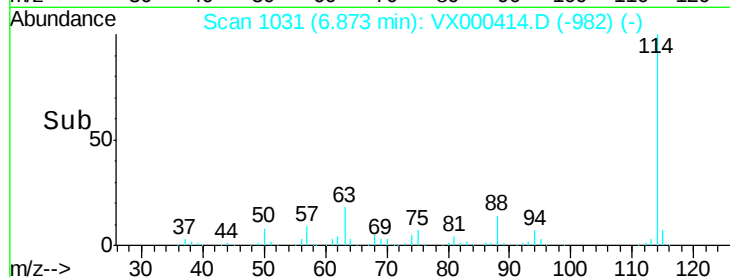
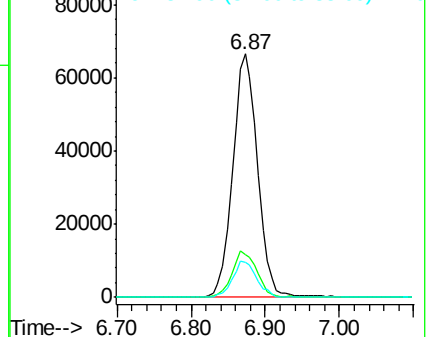
88 14.2 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.64 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

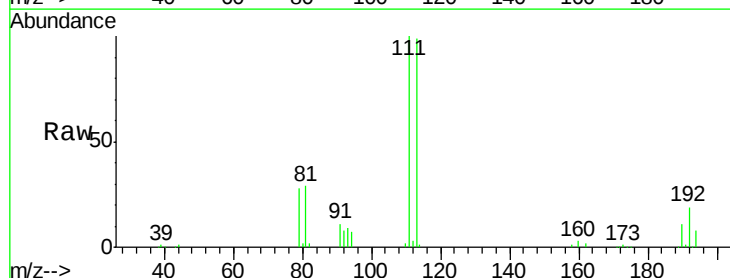
Tgt Ion:113 Resp: 48523

Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

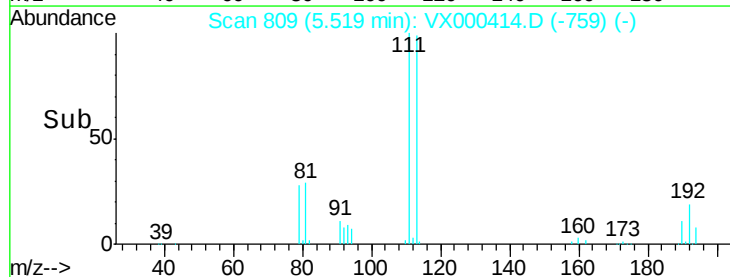
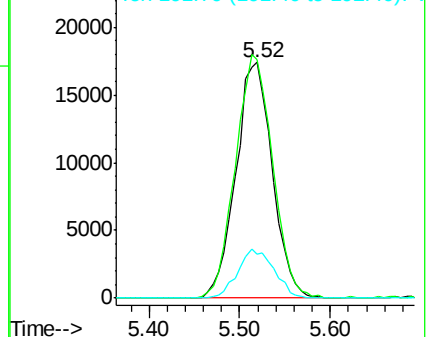
192 20.7 15.8 23.6

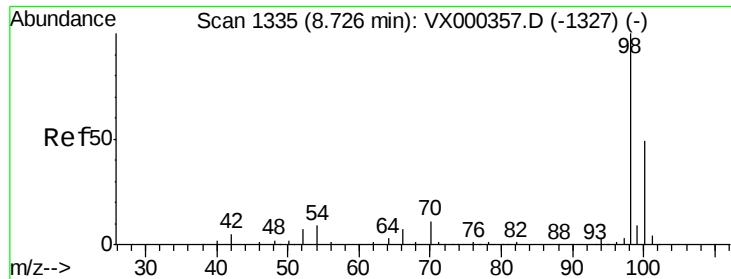


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.48 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

Instrument :

MSVOA_X

ClientSampled :

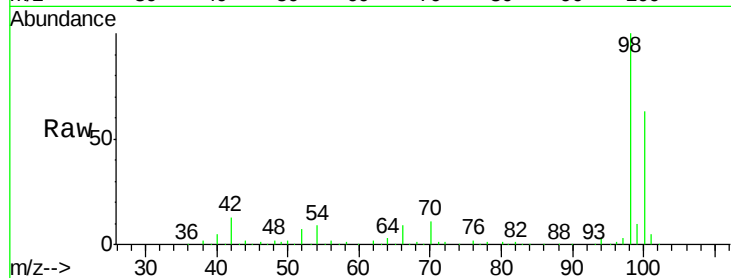
MW-8S-031918

Tot Ion: 98 Resp: 188180

Ion Ratio Lower Upper

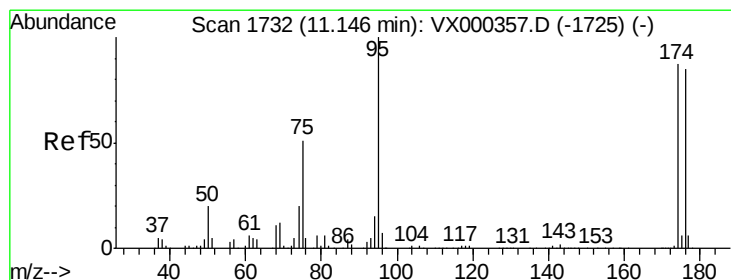
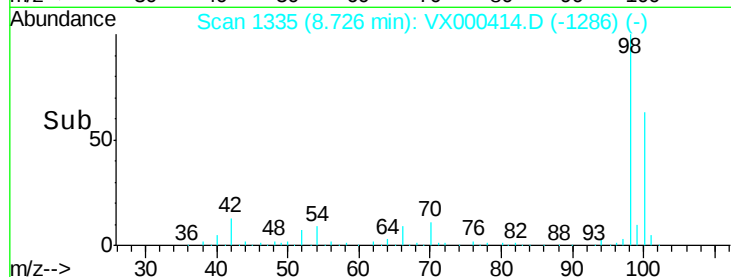
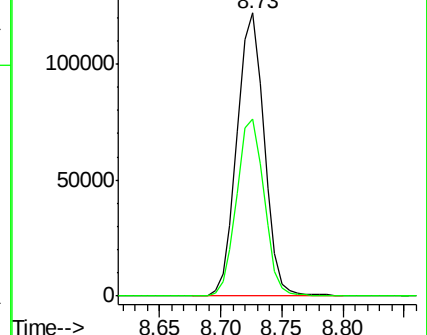
98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 36.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000414.D

Acq: 22 Mar 2018 18:37

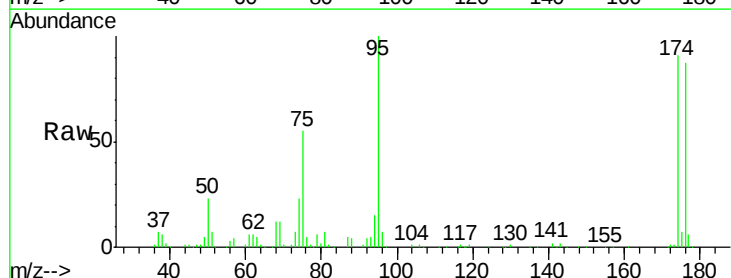
Tgt Ion: 95 Resp: 59950

Ion Ratio Lower Upper

95 100

174 93.9 0.0 173.6

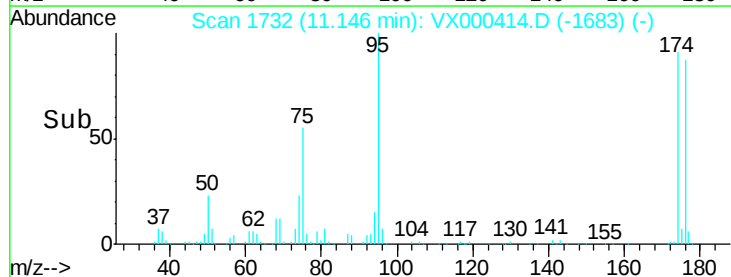
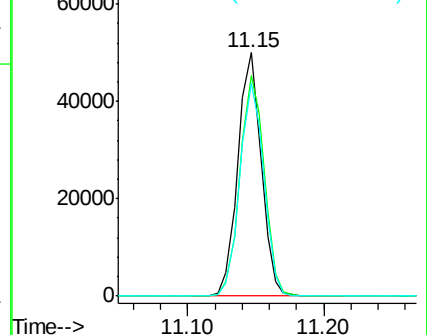
176 89.6 0.0 164.6

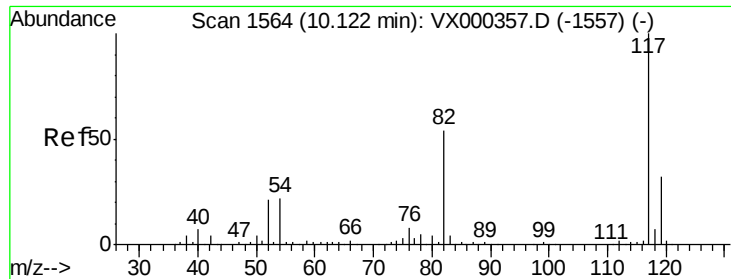


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

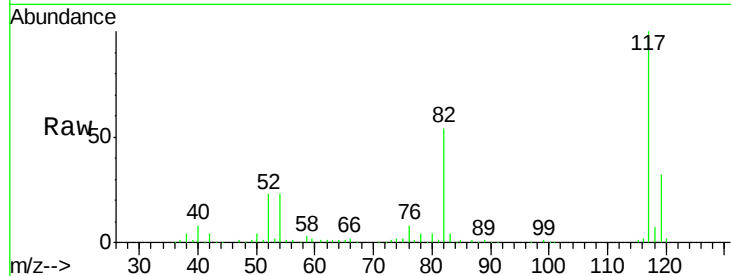




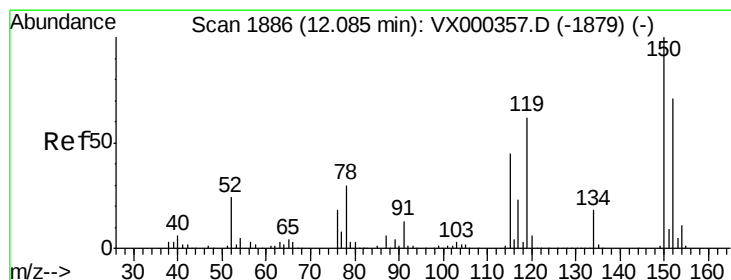
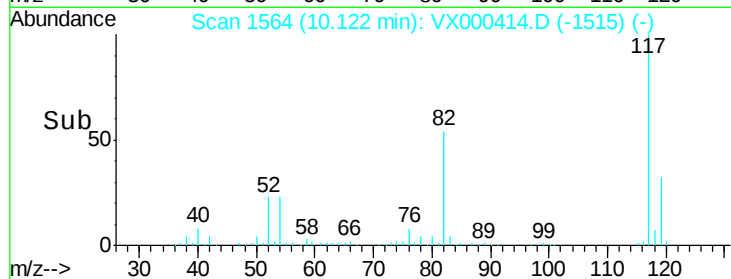
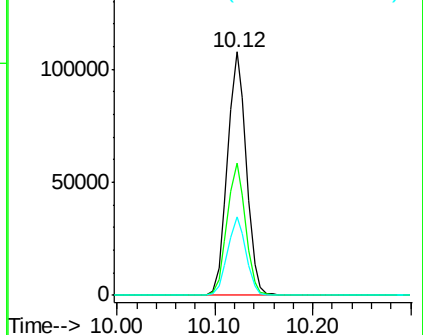
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW-8S-031918

Tot Ion:117 Resp: 144165
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.1 24.9 37.3

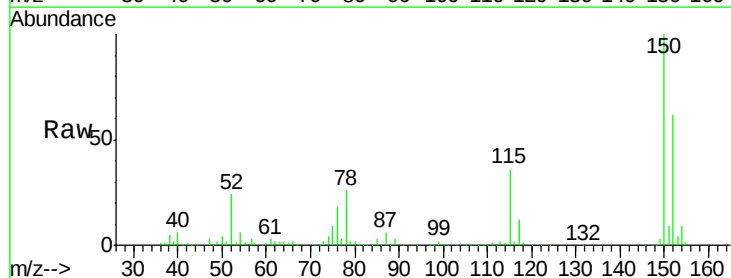


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000414.D
Acq: 22 Mar 2018 18:37

Tgt Ion:152 Resp: 67155
Ion Ratio Lower Upper
152 100
115 55.7 39.8 119.3
150 154.1 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

