

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000738.D
 Acq On : 08 Apr 2018 18:12
 Operator : JC/MD
 Sample : J2216-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW25S-GW

Quant Time: Apr 09 08:00:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

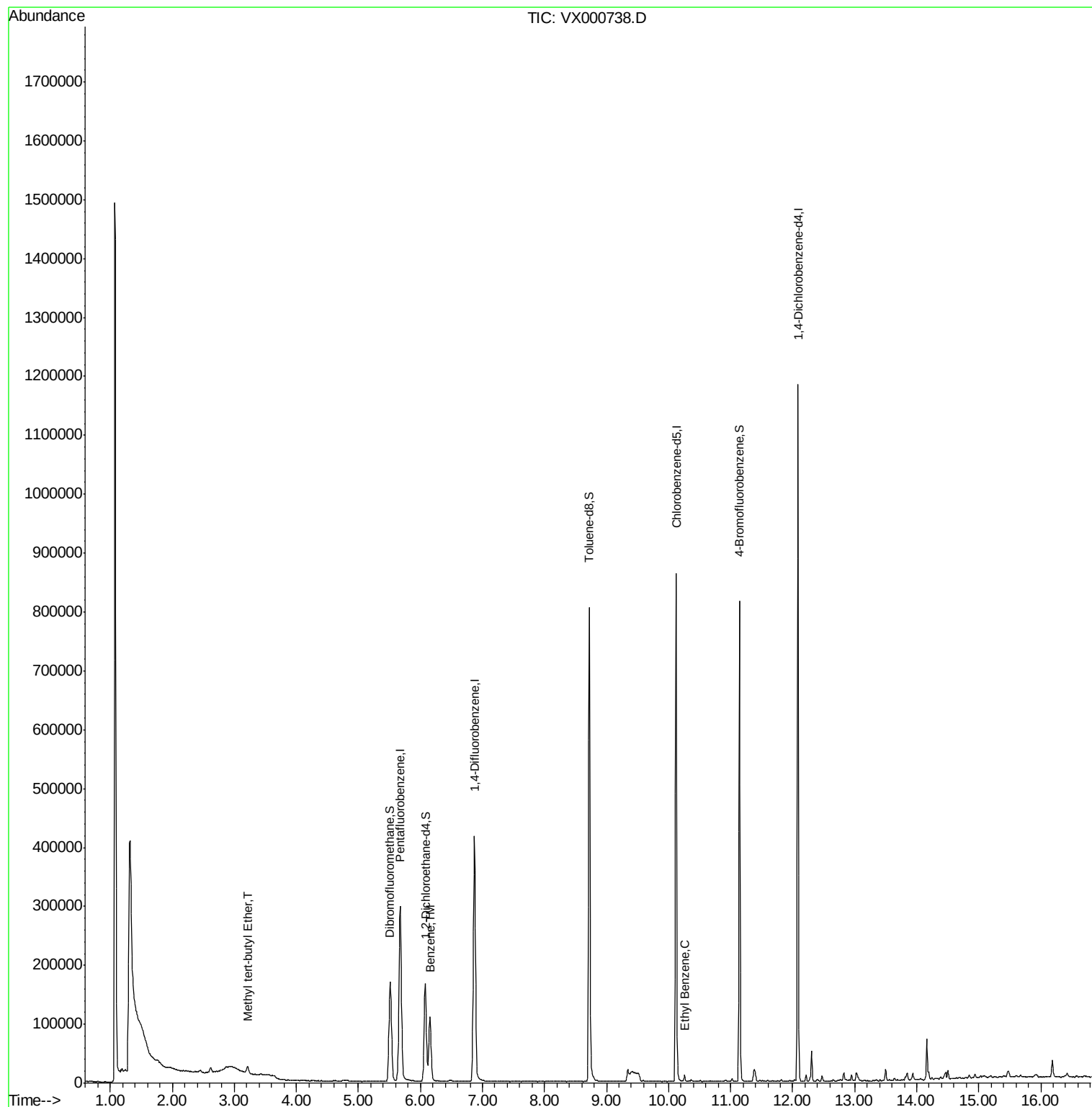
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163185	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
35) Dibromofluoromethane	5.51	113	139887	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	8.72	98	516260	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.15	95	209332	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	13586	1.64	ug/l	96
40) Benzene	6.15	78	131474	12.18	ug/l	99
67) Ethyl Benzene	10.26	91	6376	0.45	ug/l	94

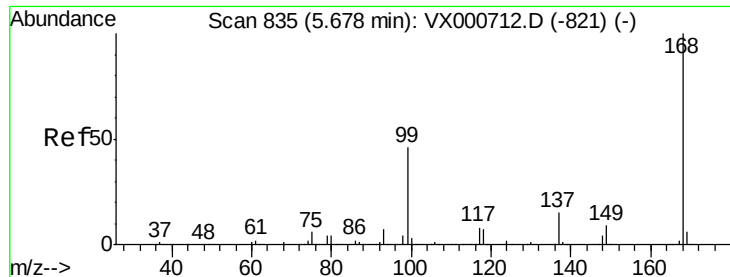
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000738.D

Acq: 08 Apr 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

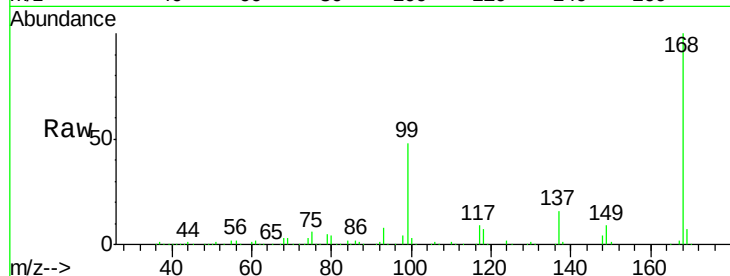
QNWP8-MW25S-GW

Tot Ion:168 Resp: 318808

Ion Ratio Lower Upper

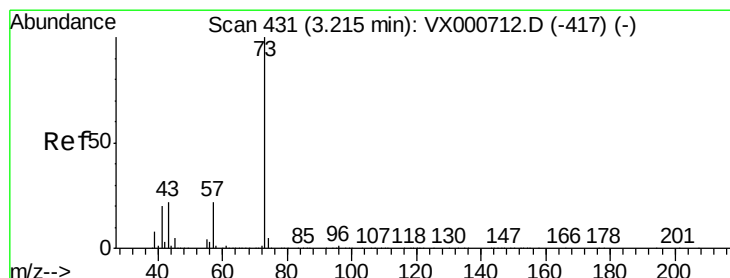
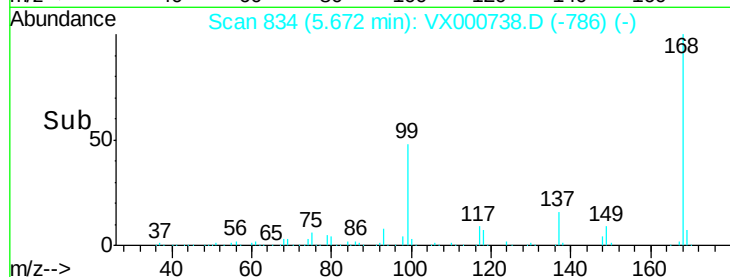
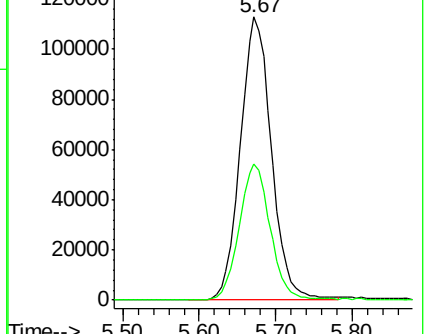
168 100

99 48.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 1.64 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX000738.D

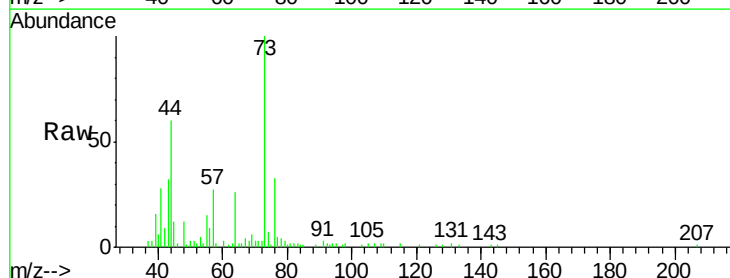
Acq: 08 Apr 2018 18:12

Tgt Ion: 73 Resp: 13586

Ion Ratio Lower Upper

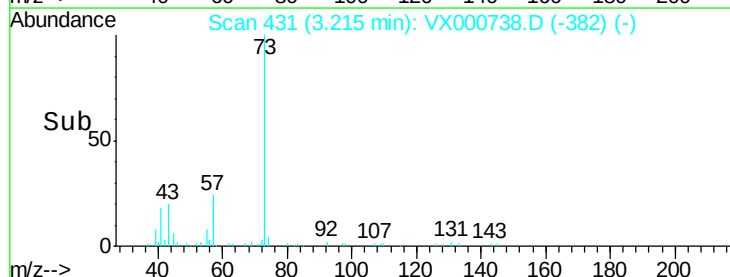
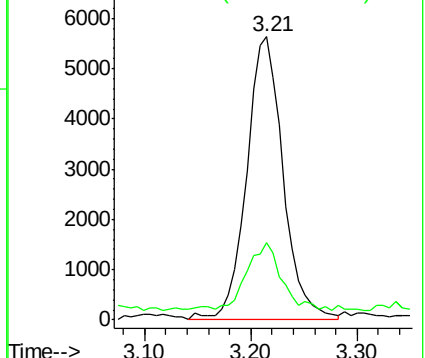
73 100

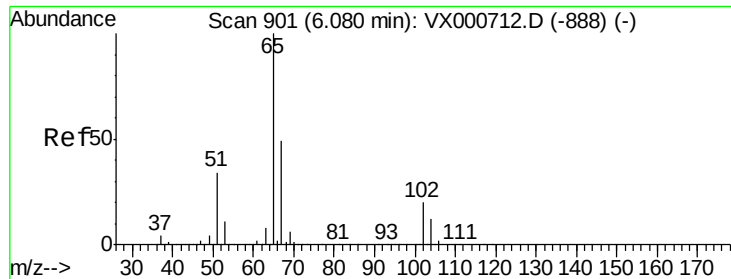
57 23.6 17.3 25.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

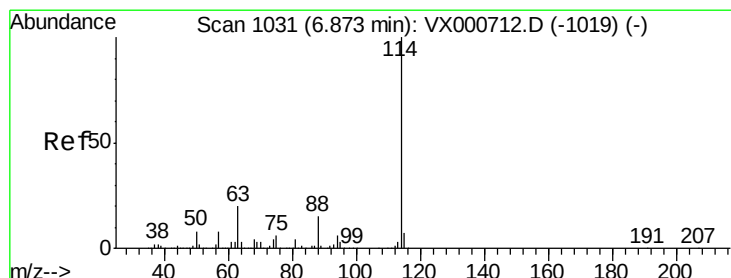
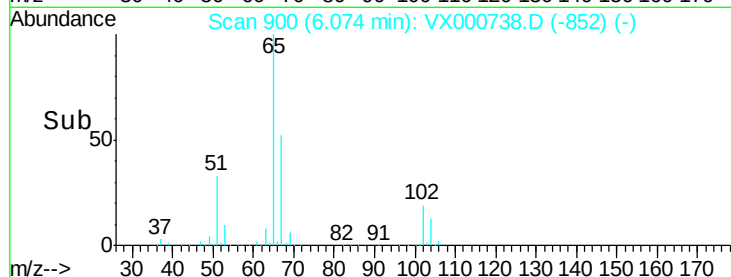
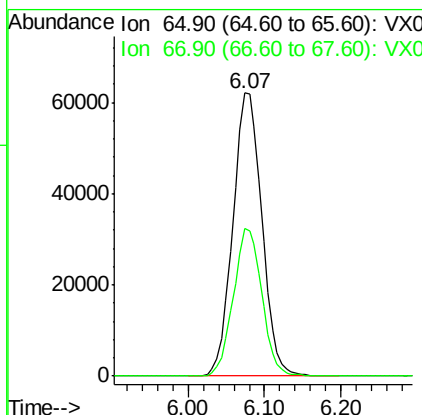
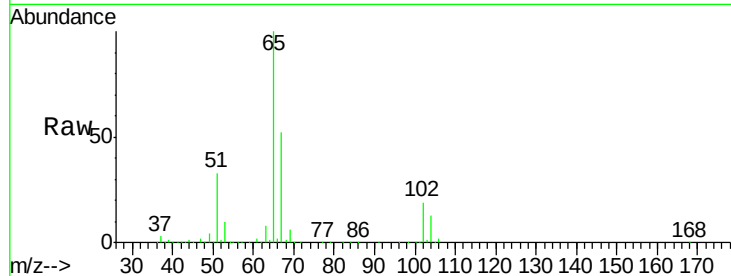




#33
 1,2-Dichloroethane-d4
 Concen: 44.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000738.D
 Acq: 08 Apr 2018 18:12

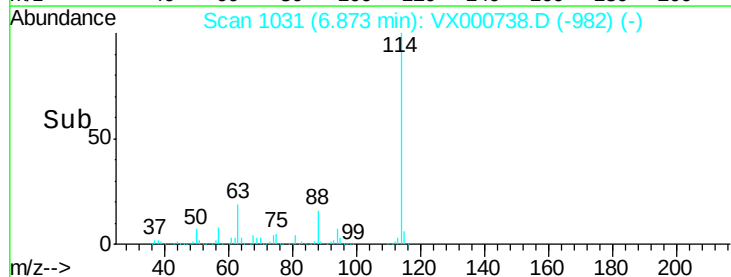
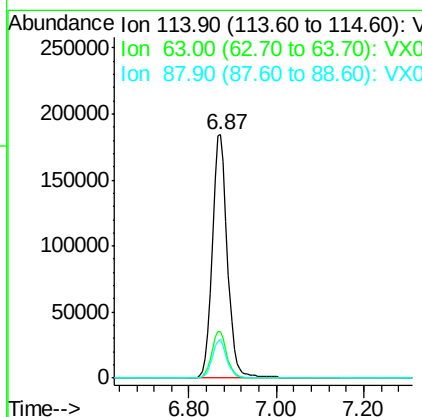
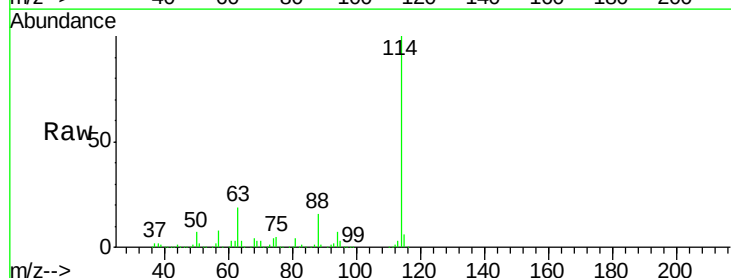
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW25S-GW

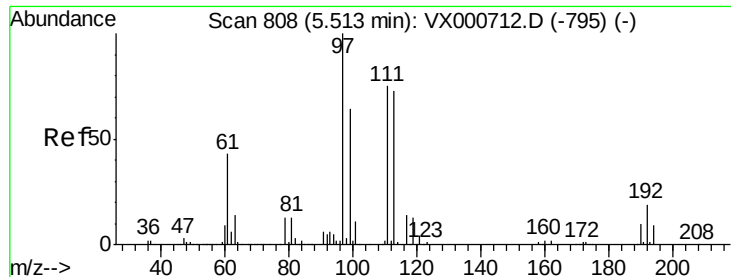
Tot Ion: 65 Resp: 163185
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000738.D
 Acq: 08 Apr 2018 18:12

Tgt Ion: 114 Resp: 448106
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.9 0.0 30.6

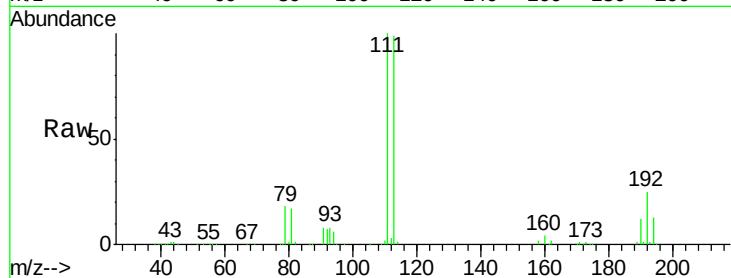




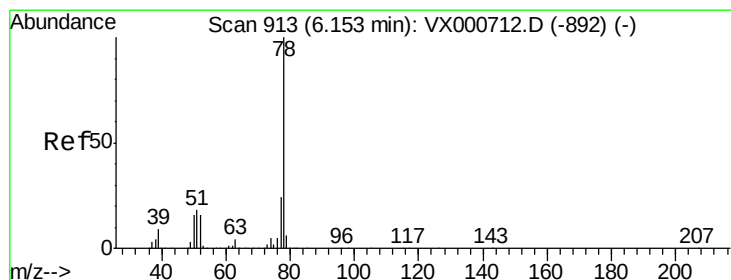
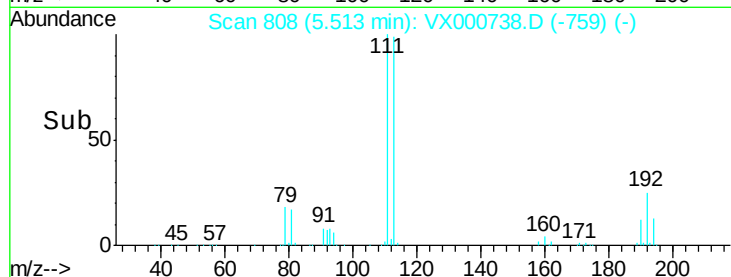
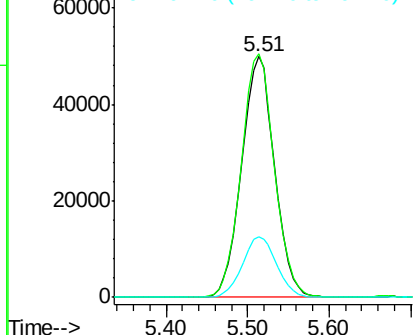
#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000738.D
Acq: 08 Apr 2018 18:12

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW25S-GW

Tot Ion:113 Resp: 139887
Ion Ratio Lower Upper
113 100
111 102.0 81.5 122.3
192 25.9 20.0 30.0

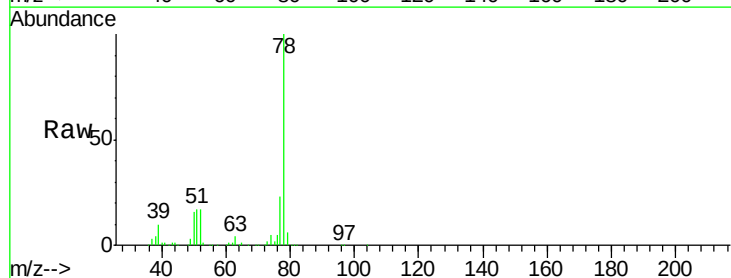


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

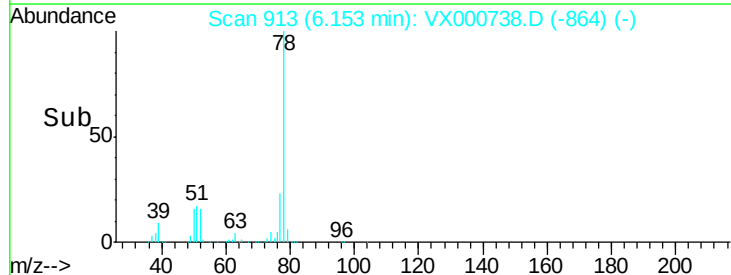
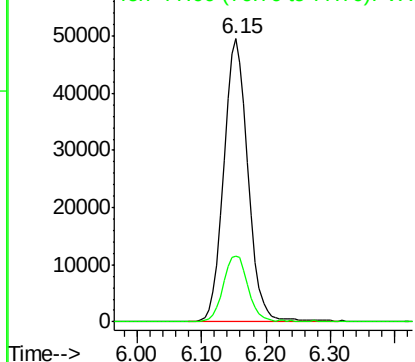


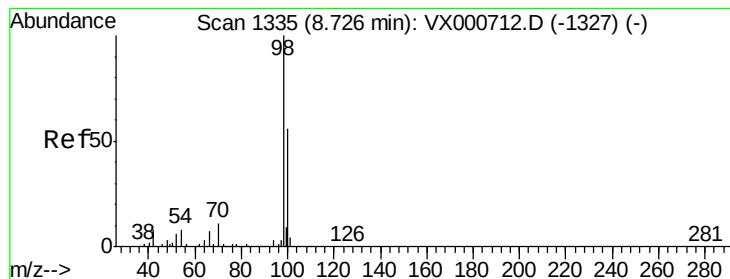
#40
Benzene
Concen: 12.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000738.D
Acq: 08 Apr 2018 18:12

Tgt Ion: 78 Resp: 131474
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 47.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000738.D

Acq: 08 Apr 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

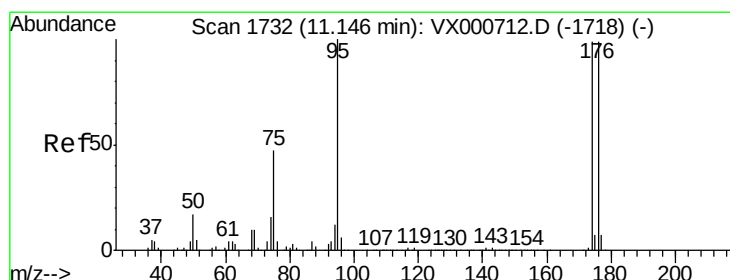
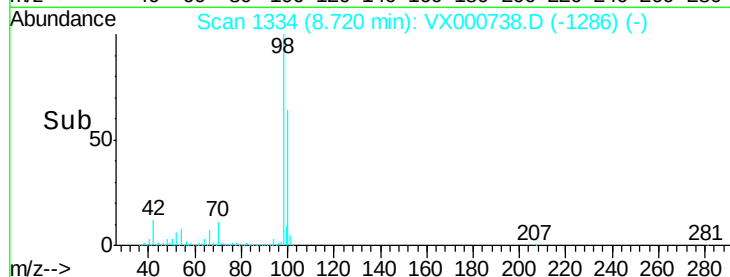
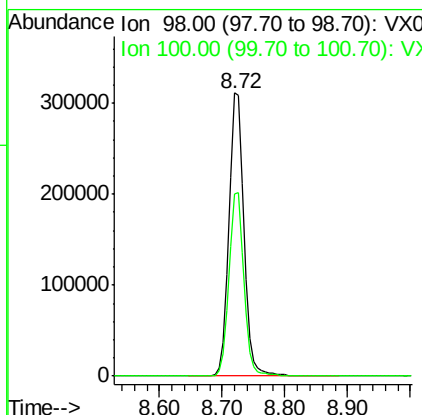
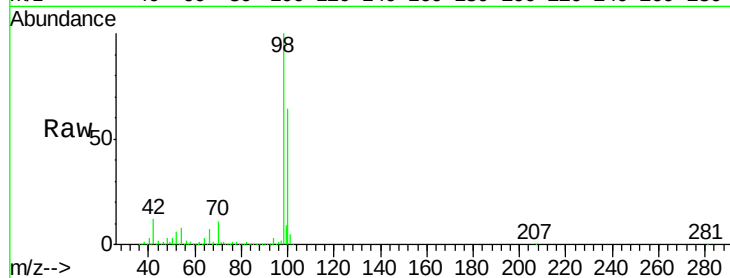
QNWP8-MW25S-GW

Tot Ion: 98 Resp: 516260

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000738.D

Acq: 08 Apr 2018 18:12

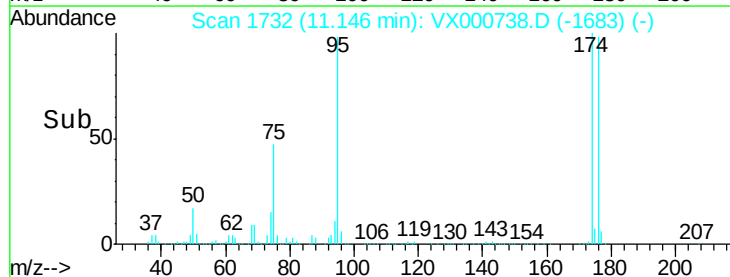
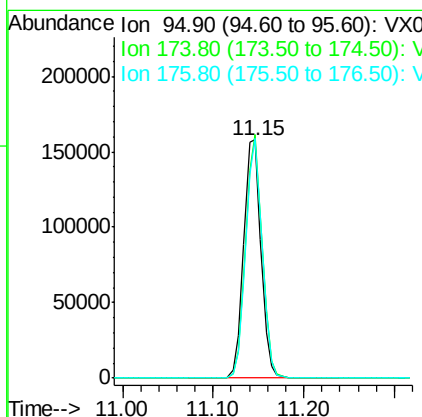
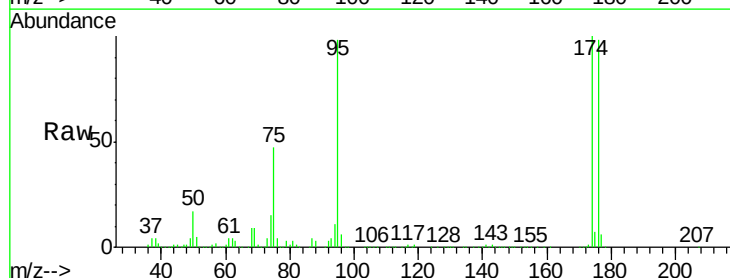
Tgt Ion: 95 Resp: 209332

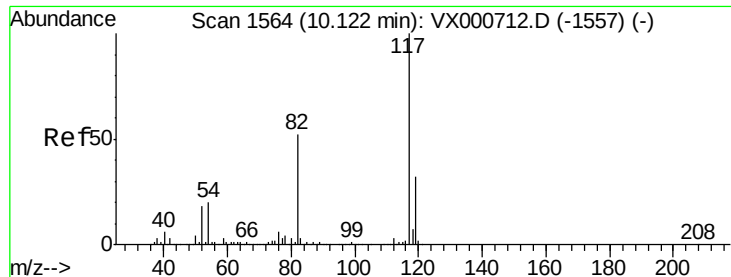
Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.6

176 95.4 0.0 187.0

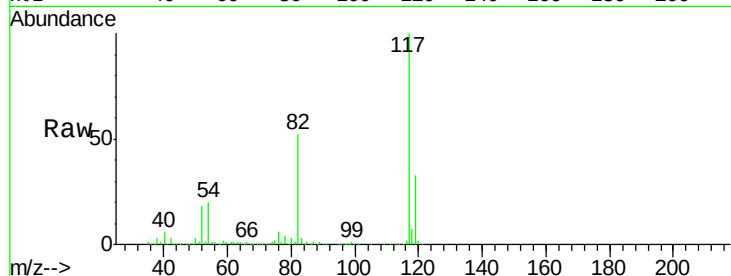




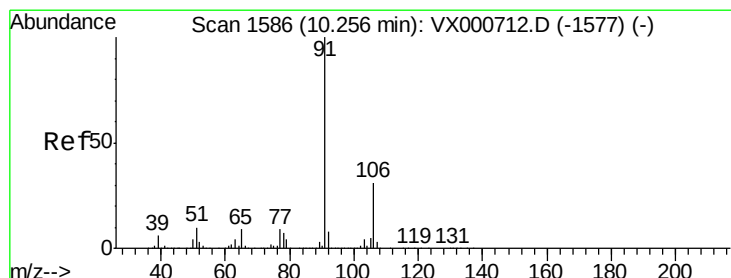
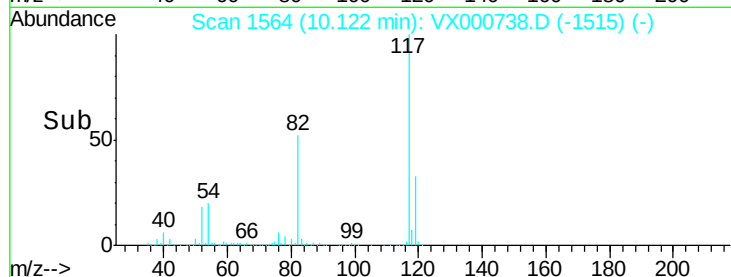
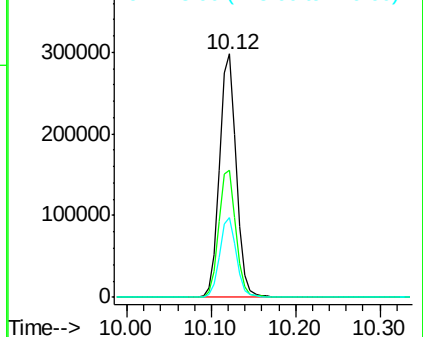
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000738.D
Acq: 08 Apr 2018 18:12

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW25S-GW

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.9	62.9
119	32.6	25.8	38.8

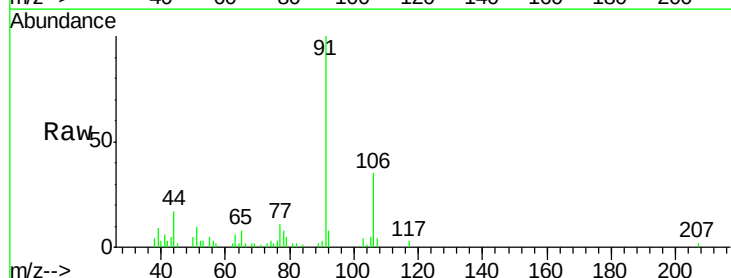


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

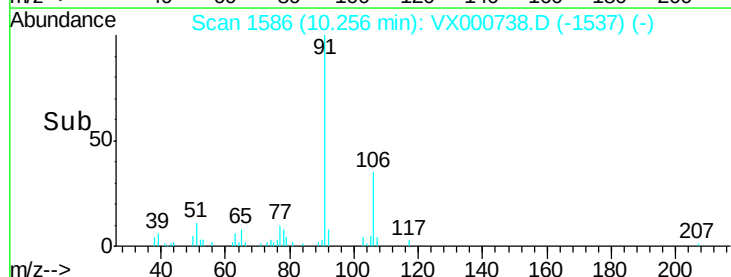
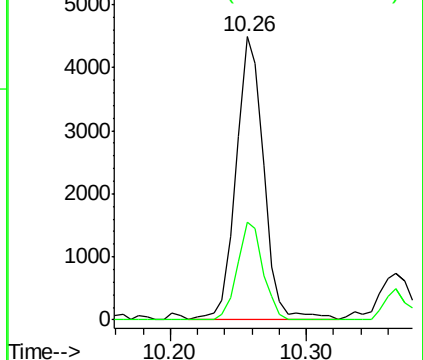


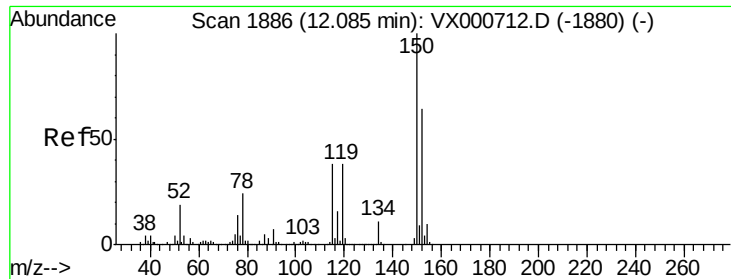
#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000738.D
Acq: 08 Apr 2018 18:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.6	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): 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: VX000738.D

Acq: 08 Apr 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW25S-GW

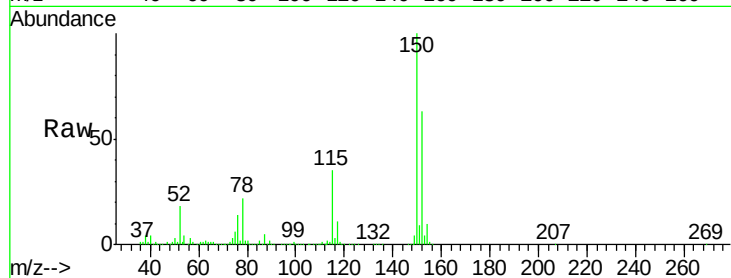
Tot Ion:152 Resp: 244763

Ion Ratio Lower Upper

152 100

115 54.4 37.7 113.1

150 157.2 0.0 345.0



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

