

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002351.D
 Acq On : 06 Jun 2018 14:36
 Operator : JC/MD
 Sample : J2688-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(GW)

Quant Time: Jun 07 04:17:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148135	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	111183	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	8.72	98	438362	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	139335	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.44%	

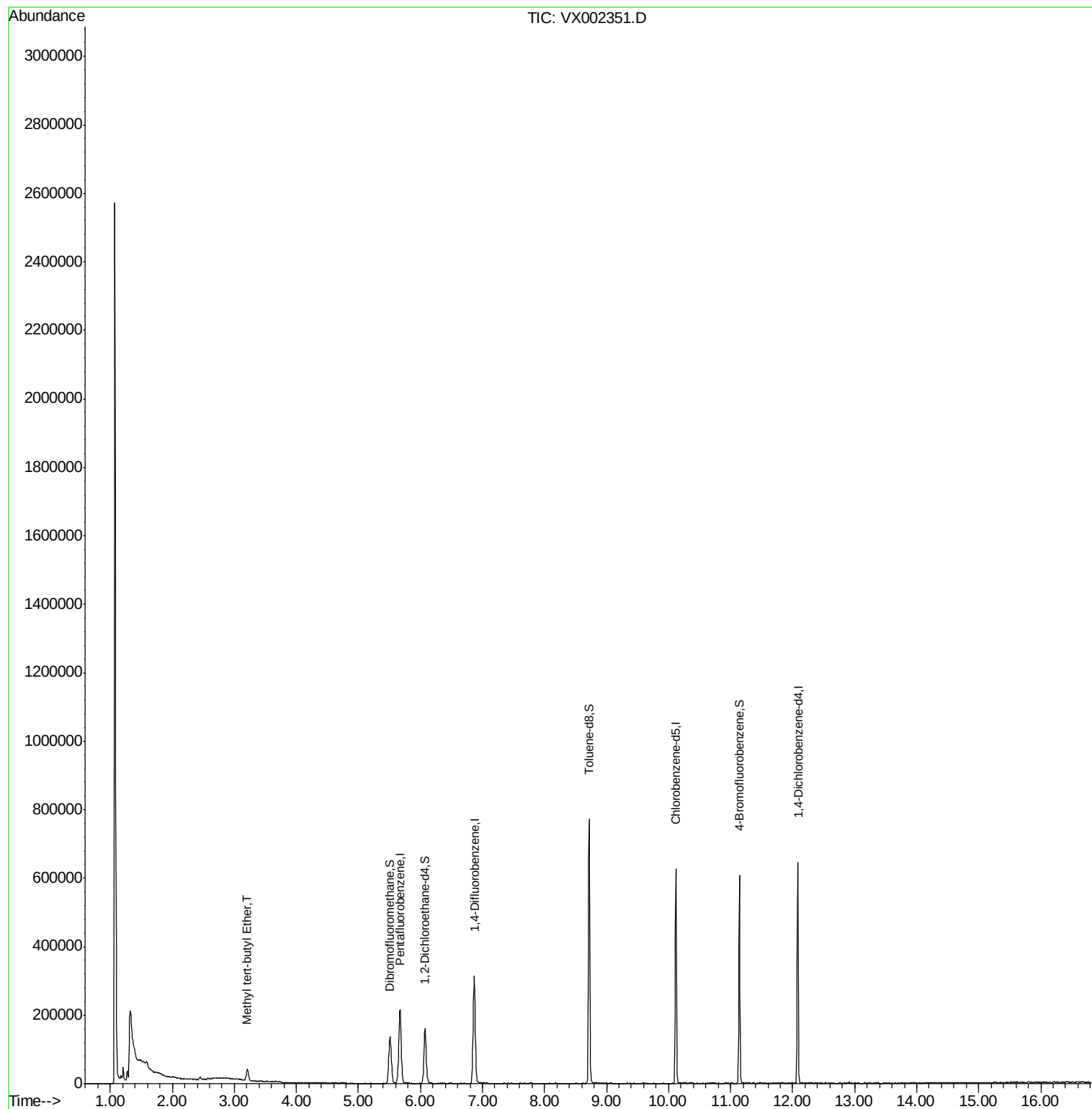
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.21	73	35652	2.28	ug/l	100

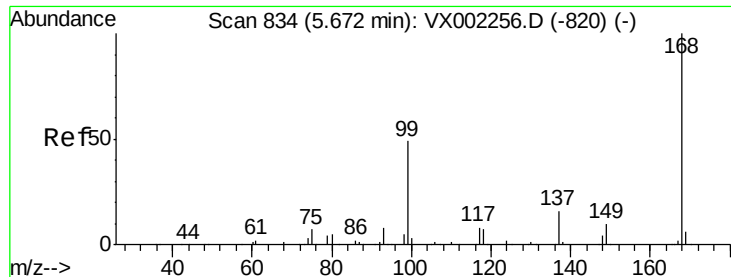
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002351.D

Acq: 06 Jun 2018 14:36

Instrument :

MSVOA_X

ClientSampled :

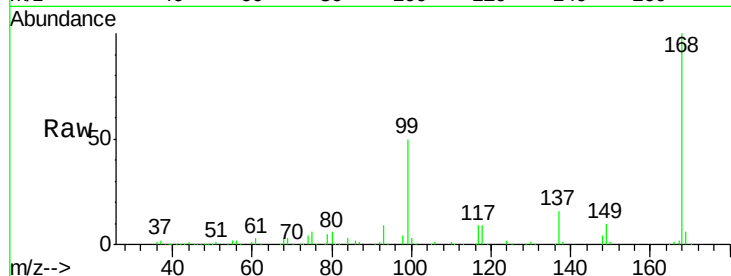
B-1(GW)

Tot Ion:168 Resp: 210626

Ion Ratio Lower Upper

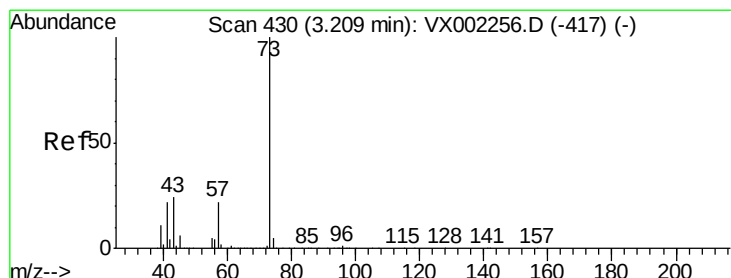
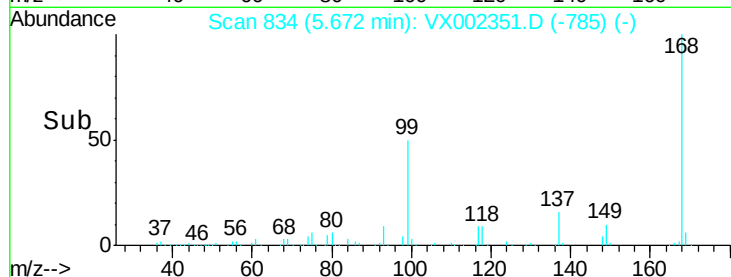
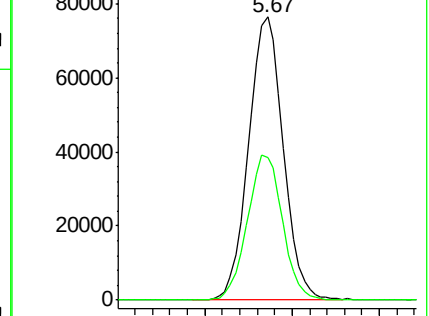
168 100

99 50.3 39.3 58.9



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: 2.28 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002351.D

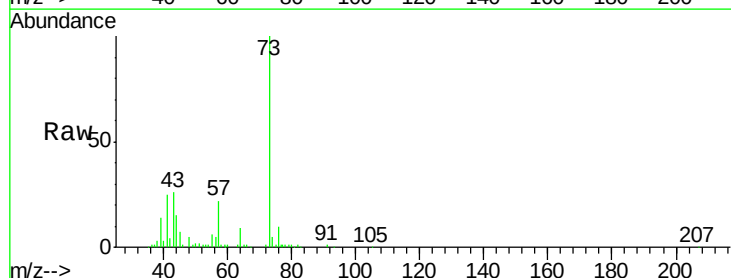
Acq: 06 Jun 2018 14:36

Tgt Ion: 73 Resp: 35652

Ion Ratio Lower Upper

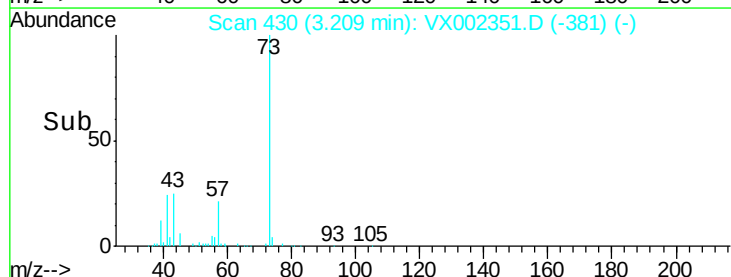
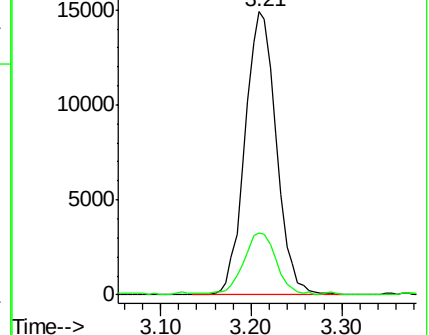
73 100

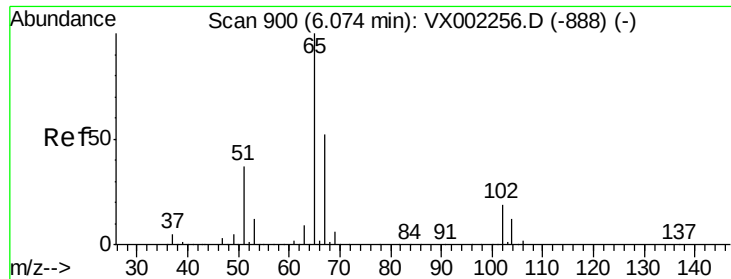
57 21.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

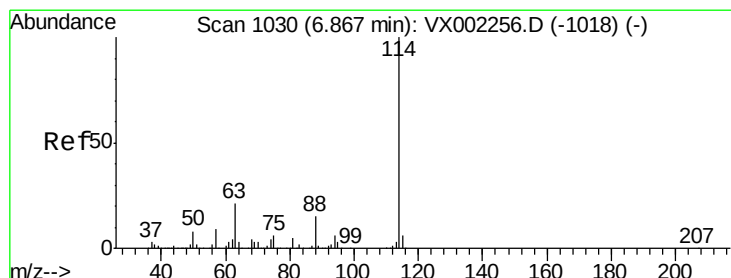
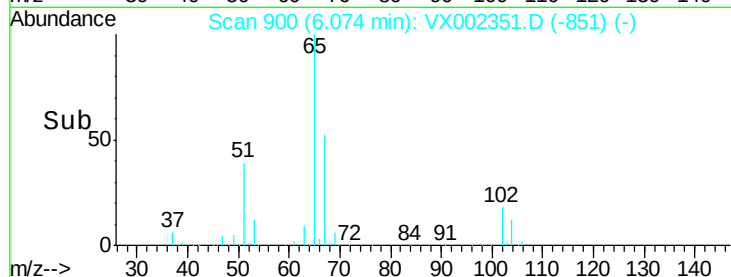
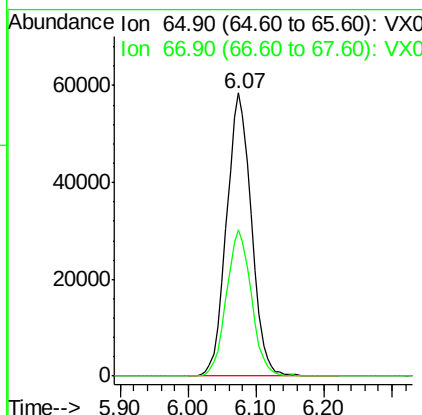
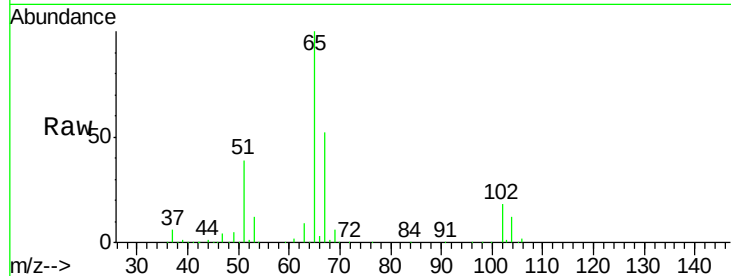




#33
 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002351.D
 Acq: 06 Jun 2018 14:36

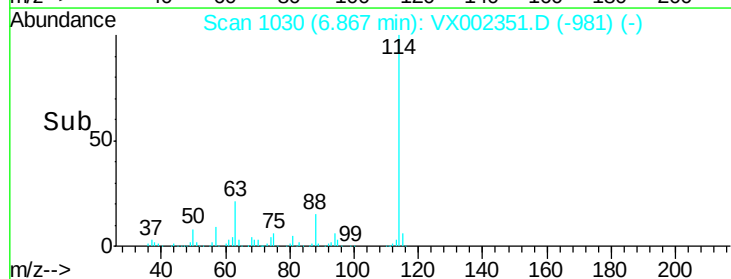
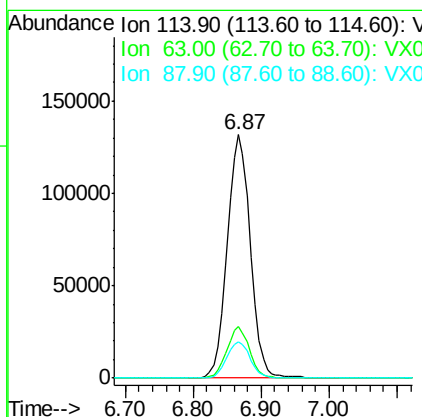
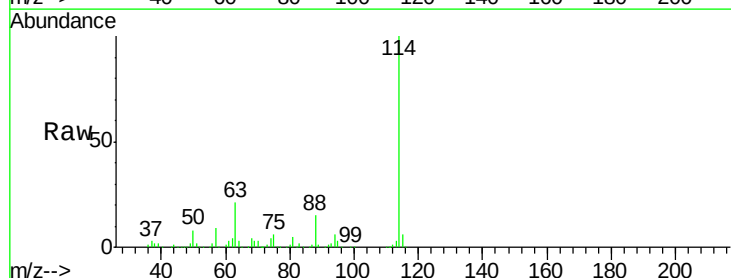
Instrument :
 MSVOA_X
 ClientSampleId :
 B-1(GW)

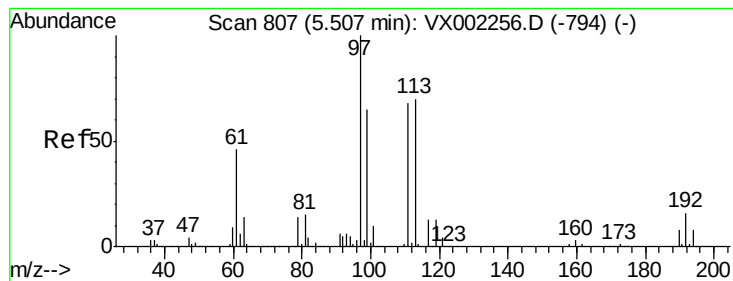
Tot Ion: 65 Resp: 148135
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002351.D
 Acq: 06 Jun 2018 14:36

Tgt Ion: 114 Resp: 309581
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.67 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002351.D

Acq: 06 Jun 2018 14:36

Instrument :

MSVOA_X

ClientSampled :

B-1(GW)

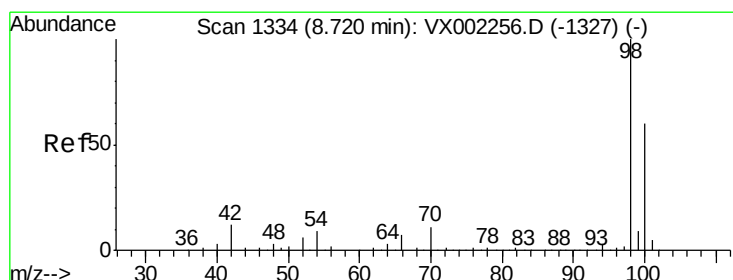
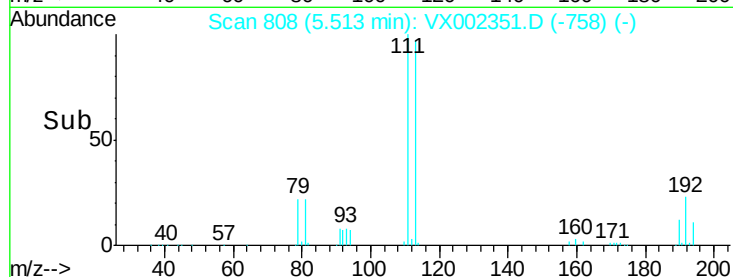
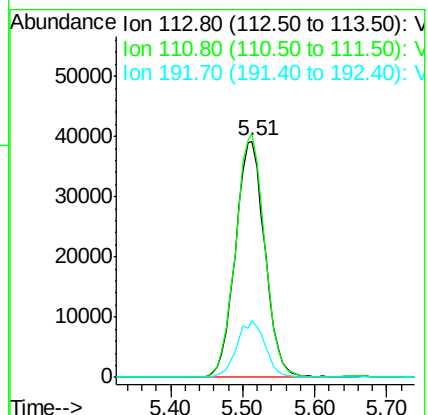
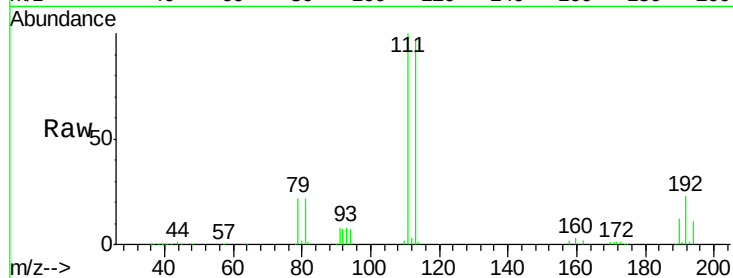
Tot Ion:113 Resp: 111183

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.0 19.1 28.7



#50

Toluene-d8

Concen: 46.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002351.D

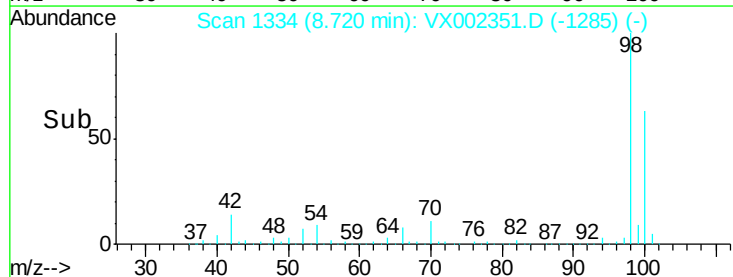
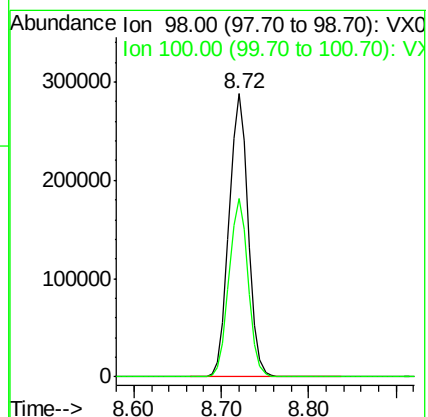
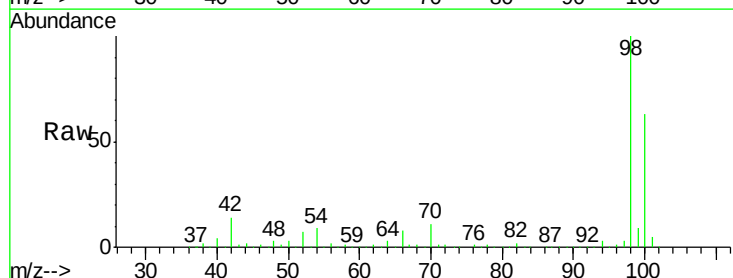
Acq: 06 Jun 2018 14:36

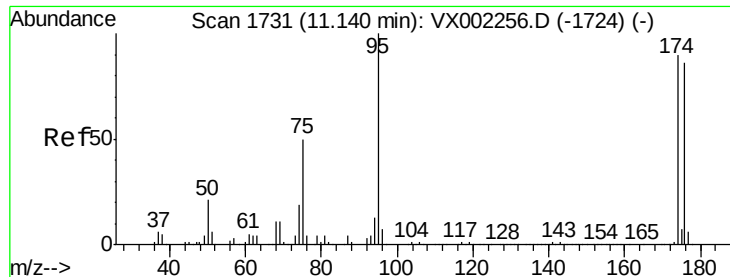
Tgt Ion: 98 Resp: 438362

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3

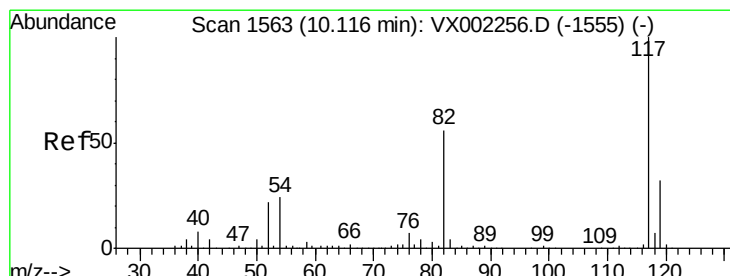
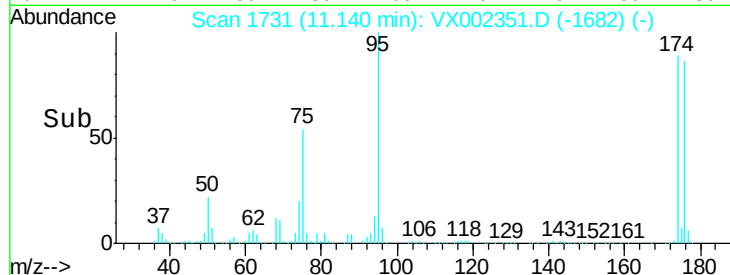
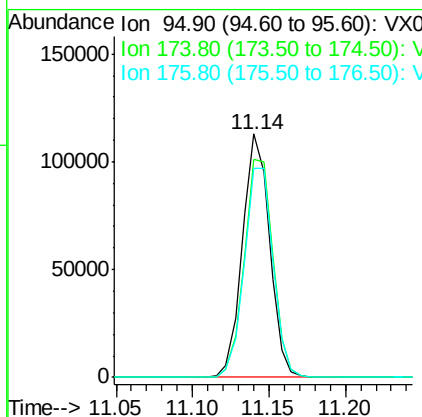
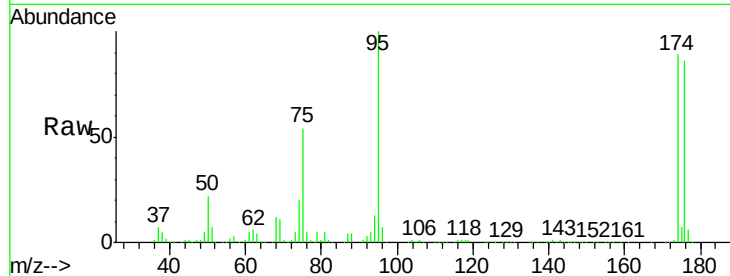




#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

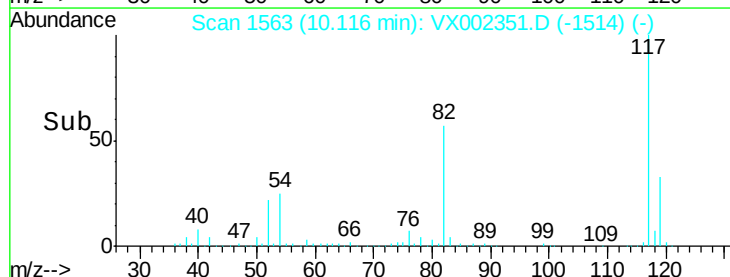
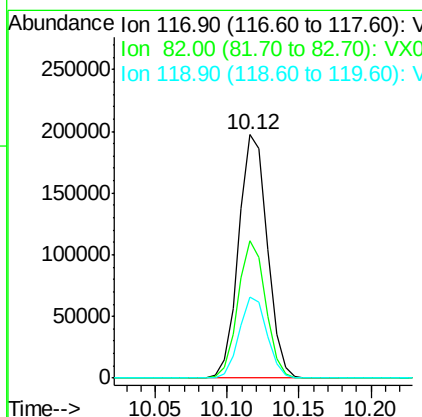
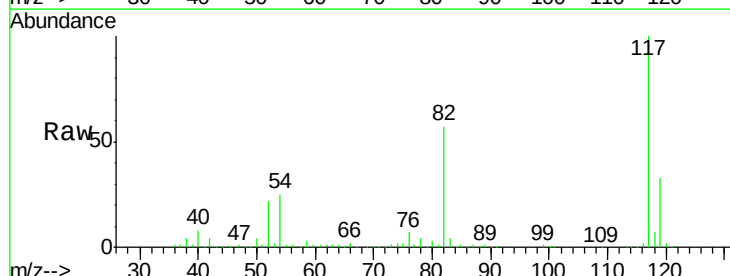
Instrument :
MSVOA_X
ClientSampled :
B-1(GW)

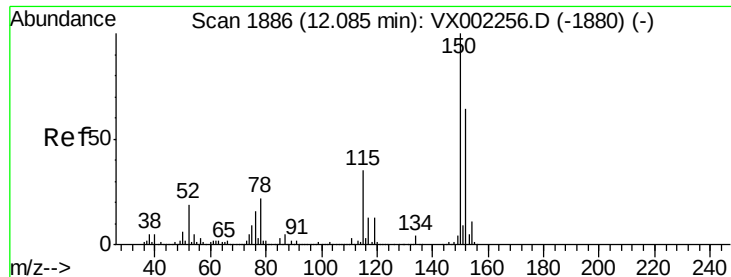
Tot Ion	95	Resp	139335
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	187.4
176	91.4	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion	117	Resp	272721
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.4
119	33.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002351.D

Acq: 06 Jun 2018 14:36

Instrument :

MSVOA_X

ClientSampleId :

B-1(GW)

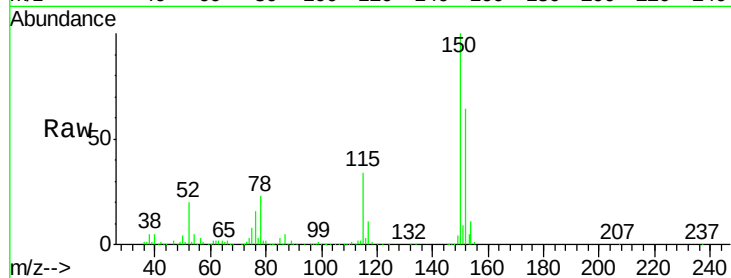
Tot Ion:152 Resp: 132573

Ion Ratio Lower Upper

152 100

115 55.7 40.1 120.2

150 156.3 0.0 347.2



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

