

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000295.D
 Acq On : 13 Mar 2018 12:53
 Operator : JC/MD
 Sample : J1870-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20180309

Quant Time: Mar 13 15:18:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	103380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87435	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	84582	59.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.04%	
35) Dibromofluoromethane	5.52	113	64193	58.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.92%	
50) Toluene-d8	8.73	98	248398	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	11.15	95	90419	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	

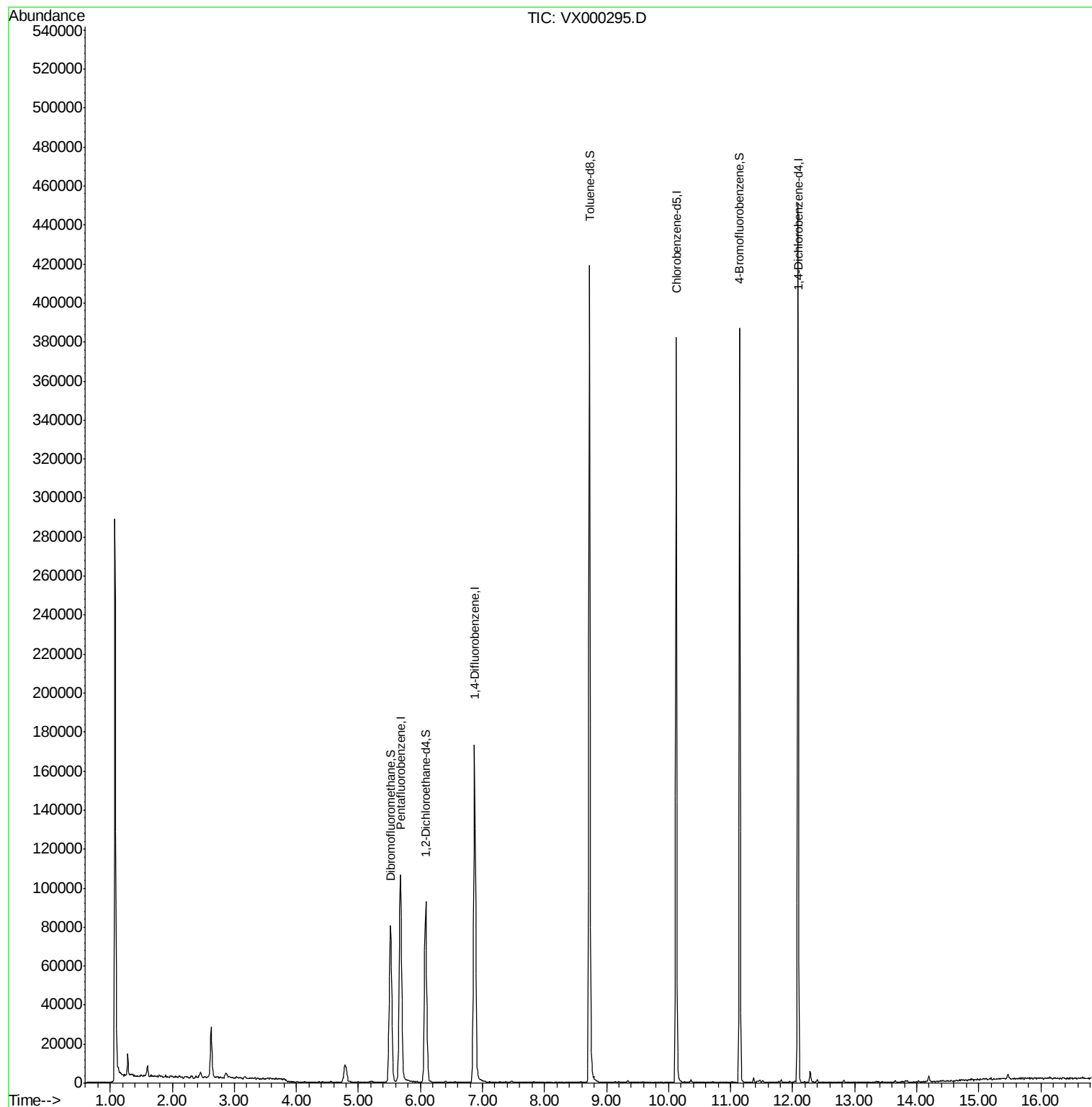
Target Compounds	Qvalue
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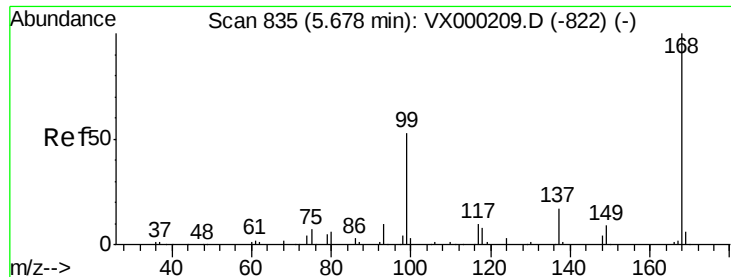
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000295.D

Acq: 13 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

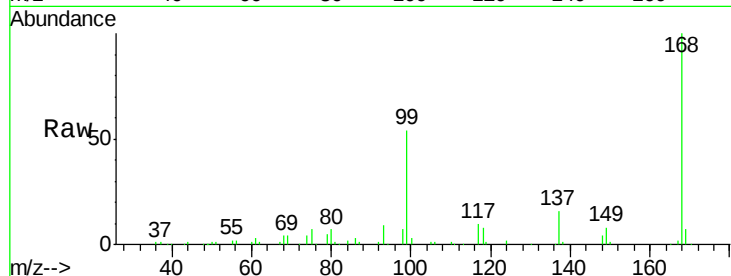
TB-20180309

Tot Ion:168 Resp: 103380

Ion Ratio Lower Upper

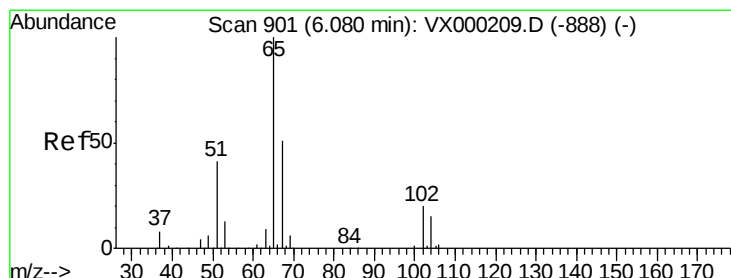
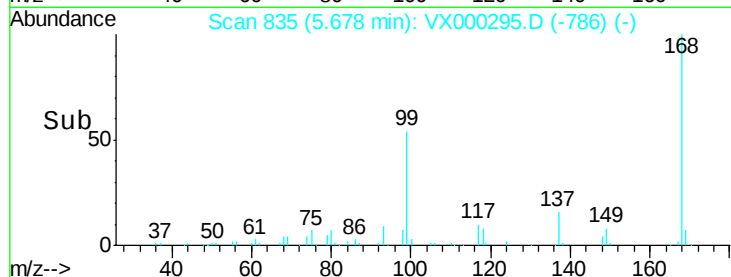
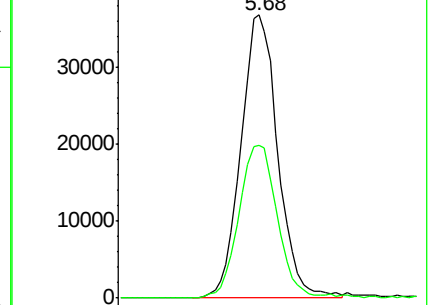
168 100

99 53.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 59.02 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000295.D

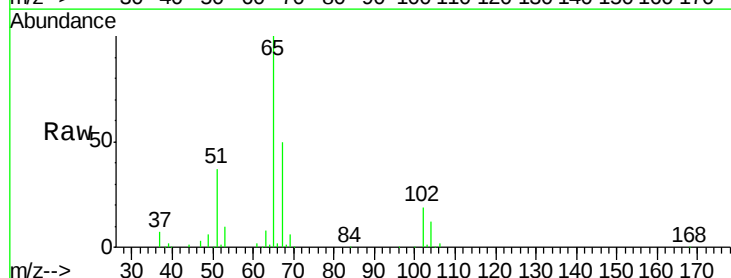
Acq: 13 Mar 2018 12:53

Tgt Ion: 65 Resp: 84582

Ion Ratio Lower Upper

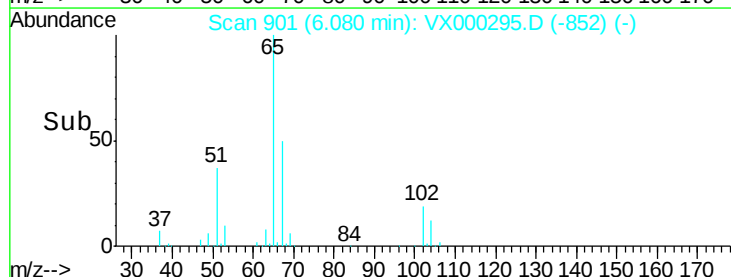
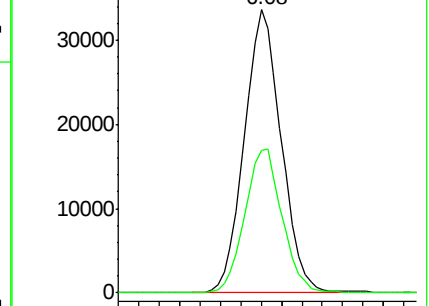
65 100

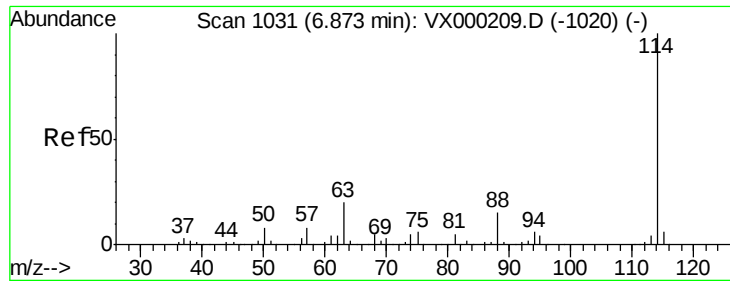
67 51.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

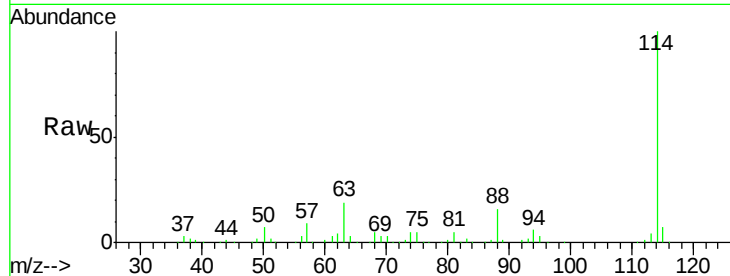




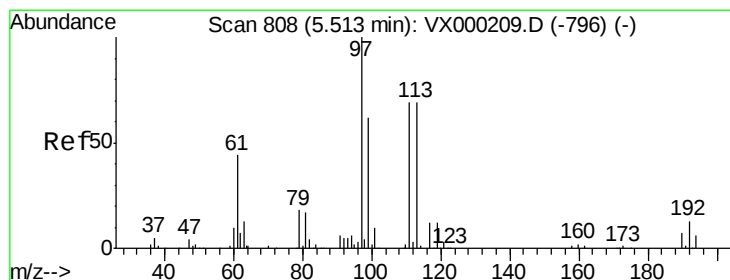
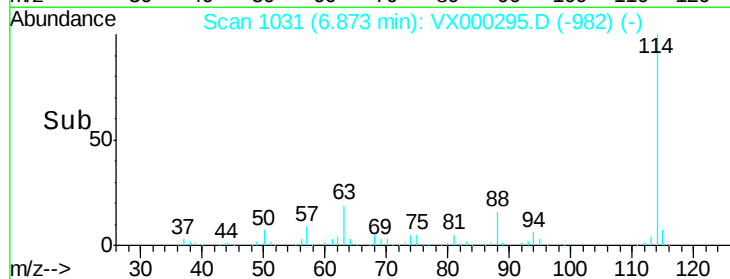
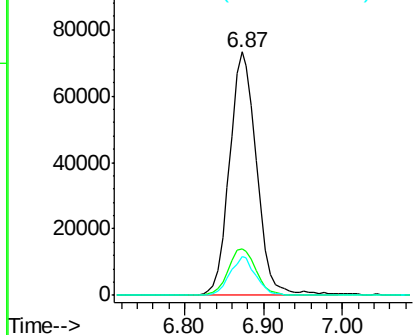
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000295.D
 Acq: 13 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleID :
 TB-20180309

Tot Ion:114 Resp: 174811
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.8 0.0 29.8

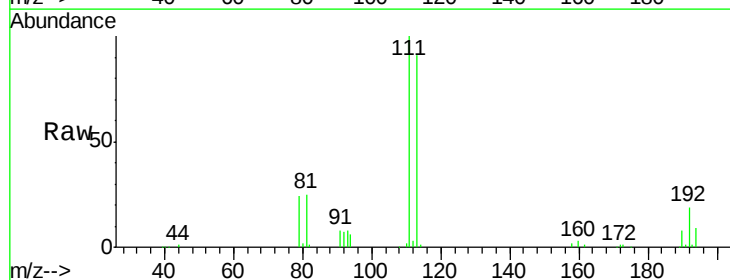


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

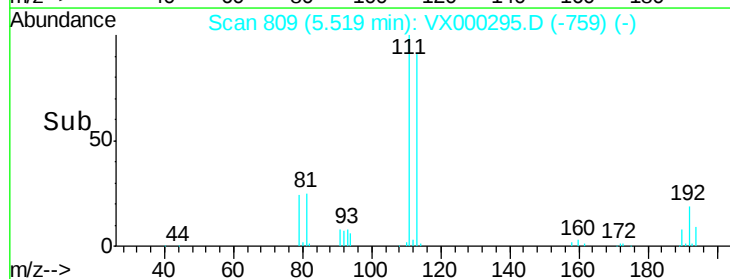
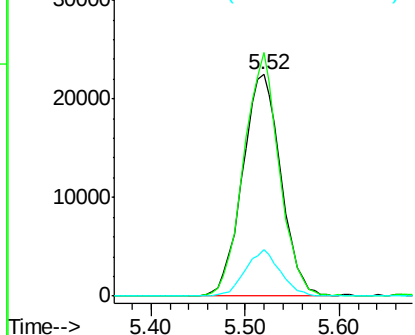


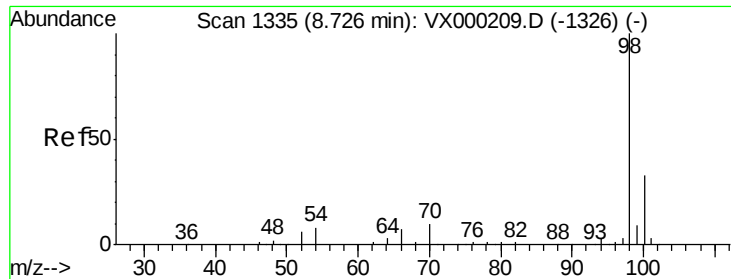
#35
 Dibromofluoromethane
 Concen: 58.46 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000295.D
 Acq: 13 Mar 2018 12:53

Tgt Ion:113 Resp: 64193
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.6
 192 19.2 15.5 23.3



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

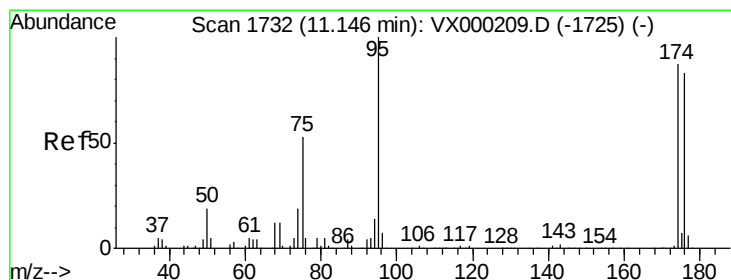
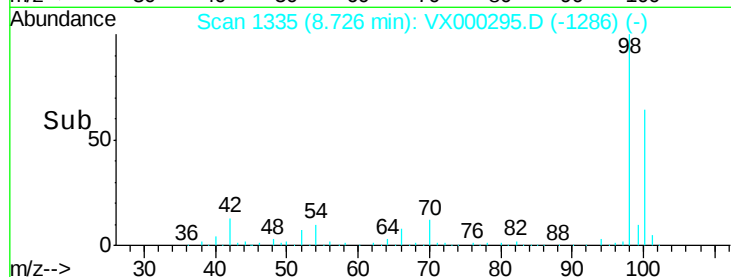
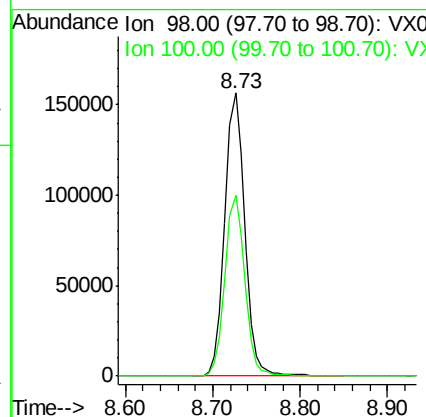
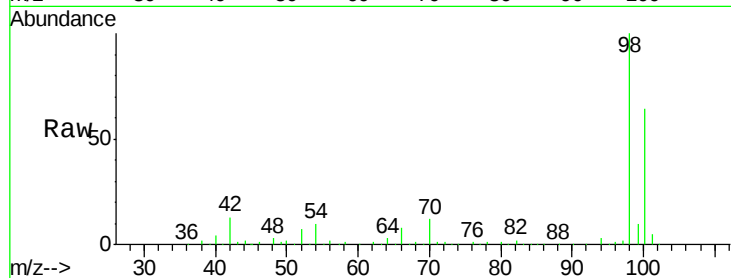




#50
Toluene-d8
Concen: 54.62 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000295.D
Acq: 13 Mar 2018 12:53

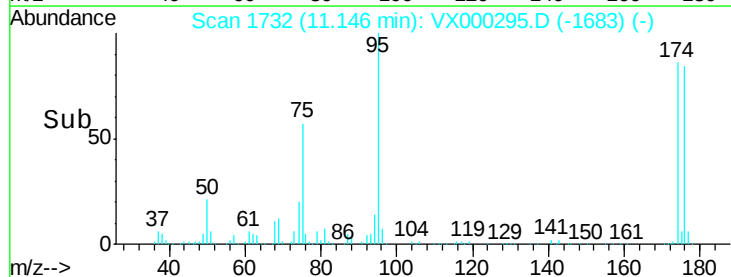
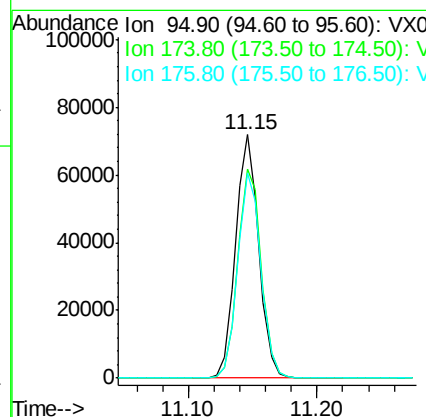
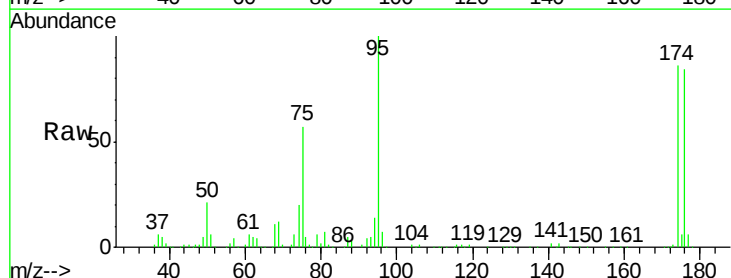
Instrument :
MSVOA_X
ClientSampleId :
TB-20180309

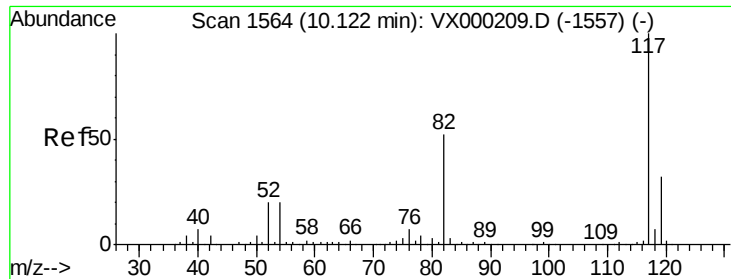
Tot Ion: 98 Resp: 248398
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.94 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000295.D
Acq: 13 Mar 2018 12:53

Tgt Ion: 95 Resp: 90419
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 84.3 0.0 171.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000295.D

Acq: 13 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

TB-20180309

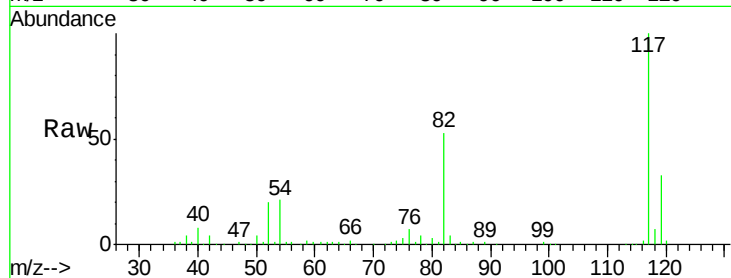
Tot Ion:117 Resp: 164896

Ion Ratio Lower Upper

117 100

82 53.5 42.0 63.0

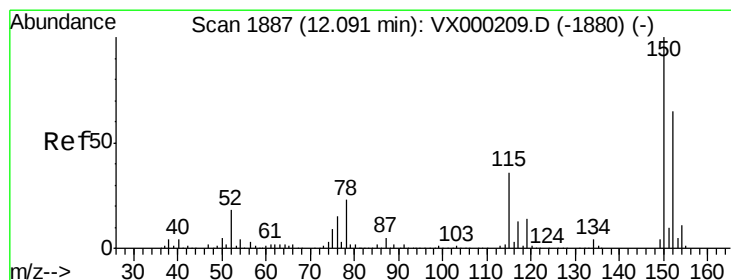
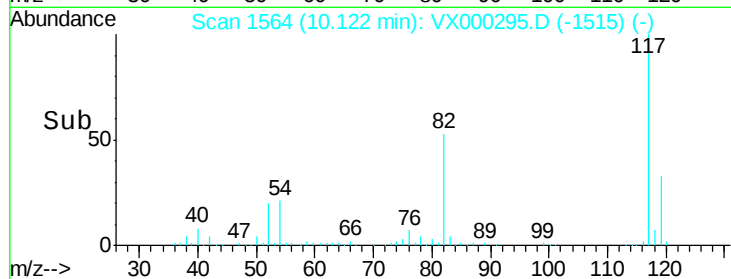
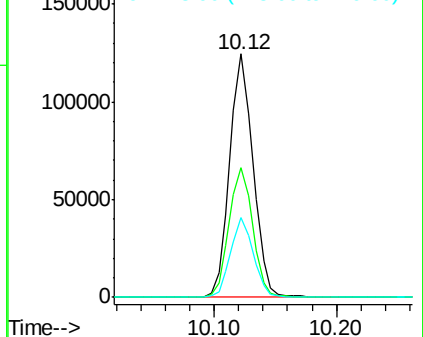
119 32.5 25.3 37.9



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: VX000295.D

Acq: 13 Mar 2018 12:53

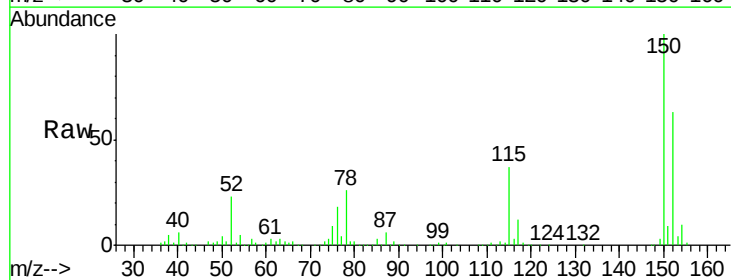
Tgt Ion:152 Resp: 87435

Ion Ratio Lower Upper

152 100

115 57.2 39.8 119.3

150 157.5 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

