

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006543.D
 Acq On : 15 Dec 2018 04:47
 Operator : JC/MD
 Sample : J6396-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15A_R1

Quant Time: Dec 17 12:18:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

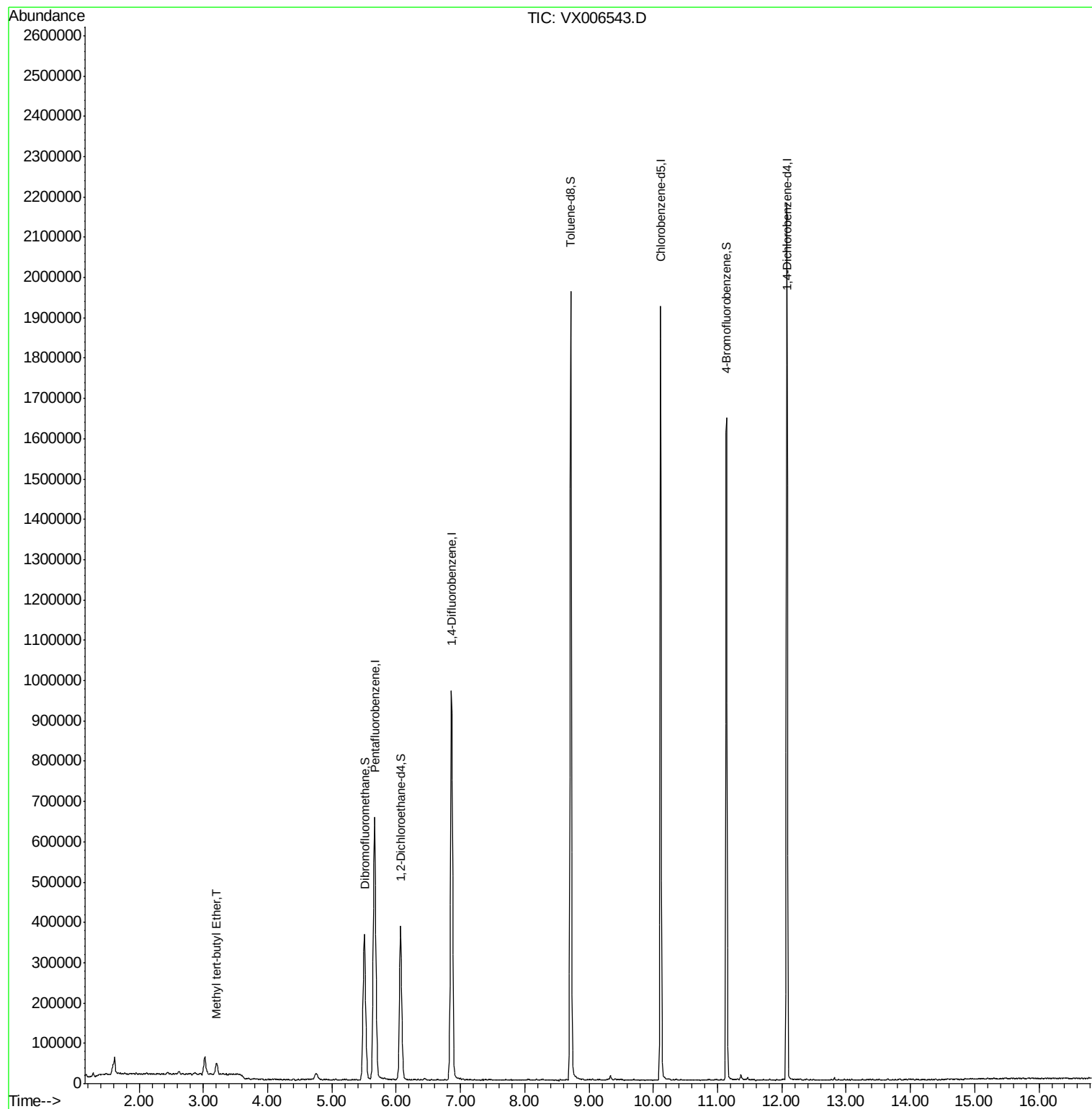
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	652683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1049862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	949776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	455432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	357317	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	5.51	113	310419	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	8.71	98	1239244	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	456303	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	35066	1.664	ug/l	Qvalue 99

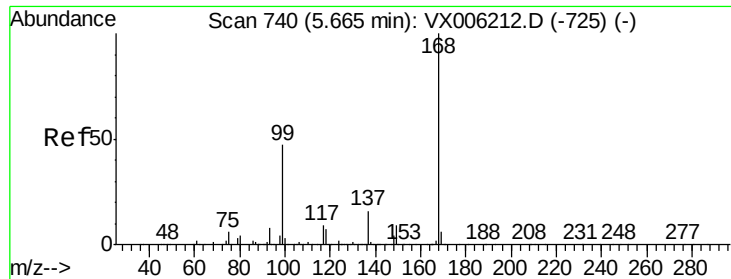
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006543.D

Acq: 15 Dec 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

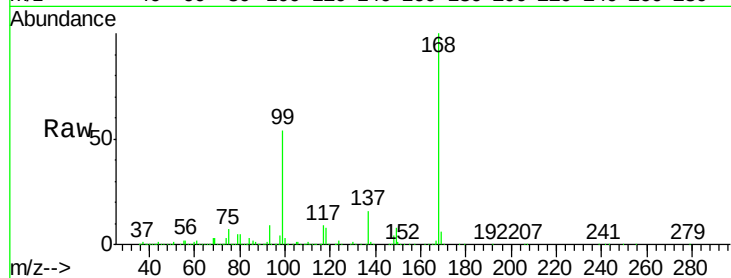
MW-15A_R1

Tgt Ion:168 Resp: 652683

Ion Ratio Lower Upper

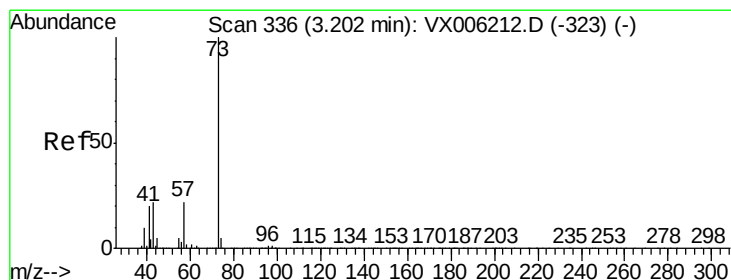
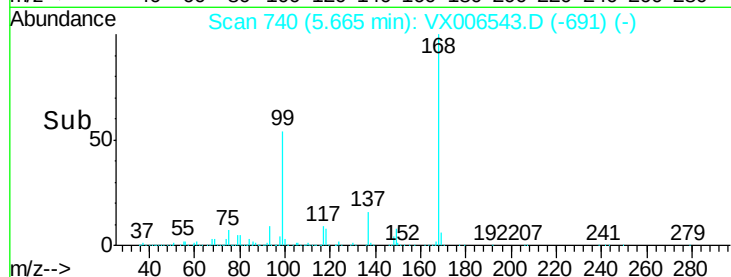
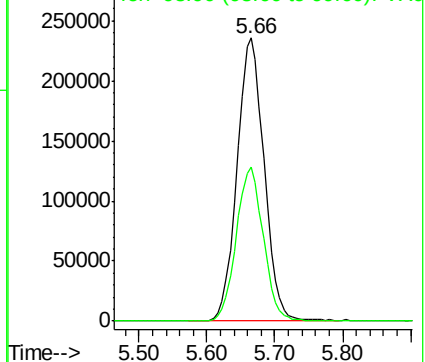
168 100

99 54.4 37.8 56.8



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: 1.664 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006543.D

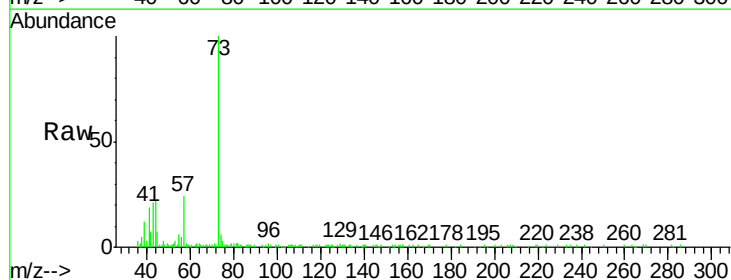
Acq: 15 Dec 2018 04:47

Tgt Ion: 73 Resp: 35066

Ion Ratio Lower Upper

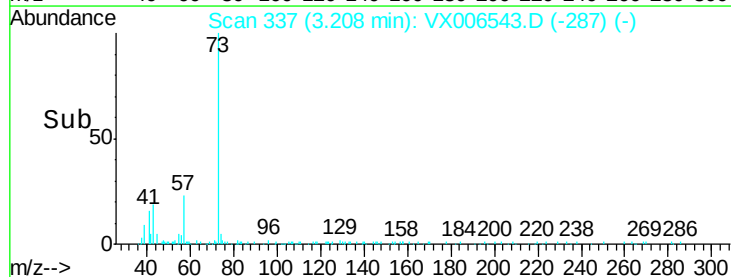
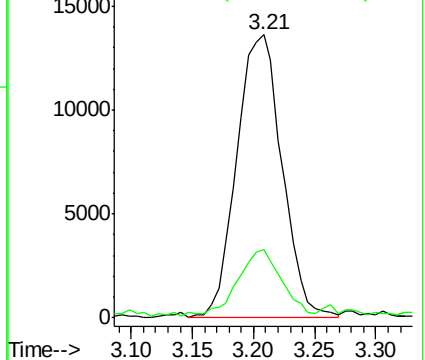
73 100

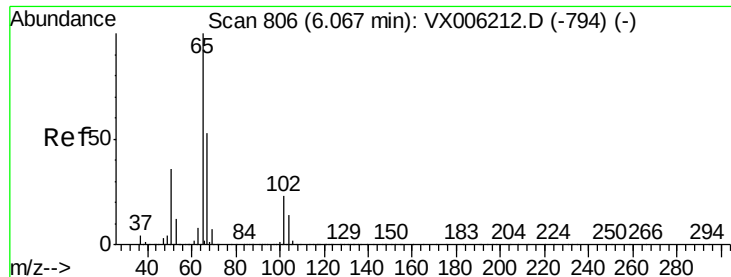
57 22.3 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

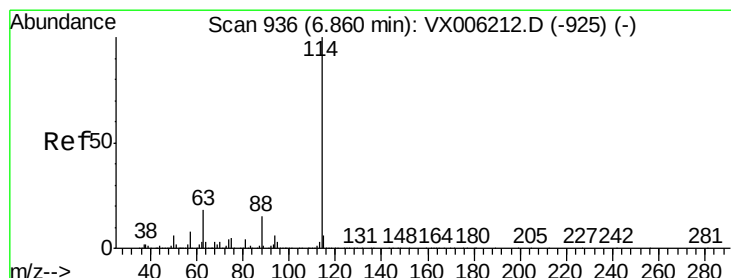
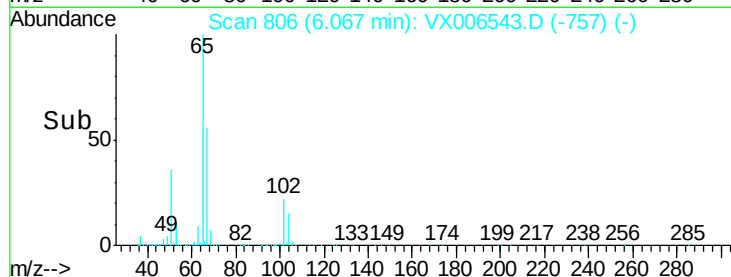
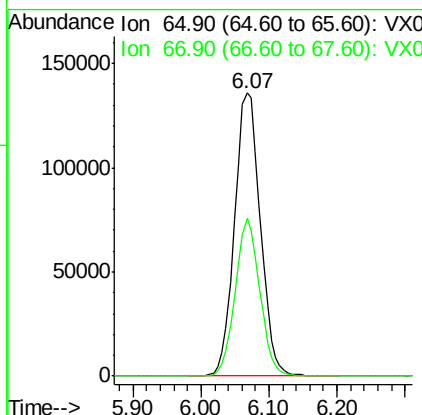
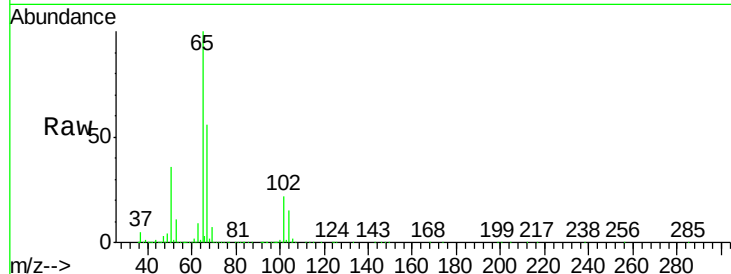




#33
 1,2-Dichloroethane-d4
 Concen: 53.628 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006543.D
 Acq: 15 Dec 2018 04:47

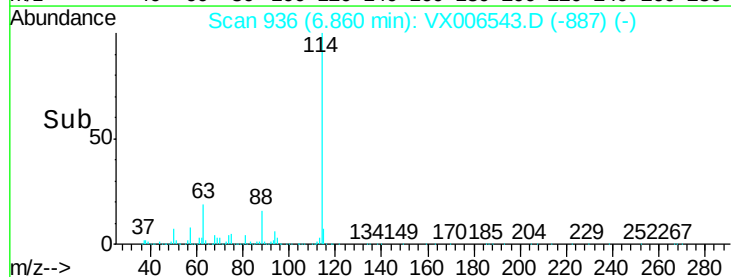
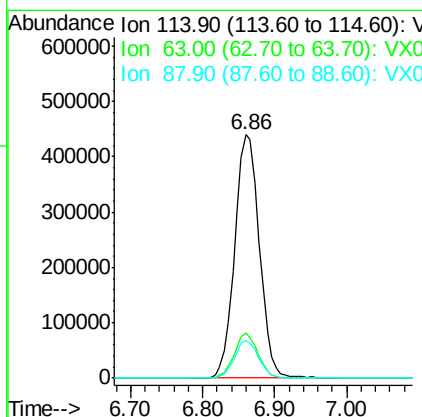
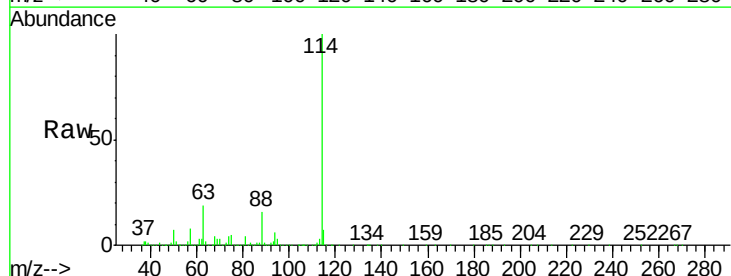
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15A_R1

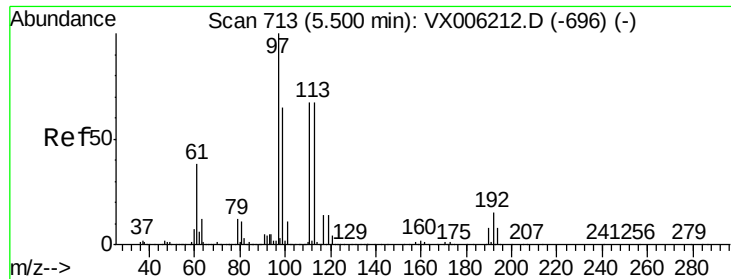
Tgt Ion: 65 Resp: 357317
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006543.D
 Acq: 15 Dec 2018 04:47

Tgt Ion: 114 Resp: 1049862
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.6
 88 15.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.667 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006543.D

Acq: 15 Dec 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

MW-15A_R1

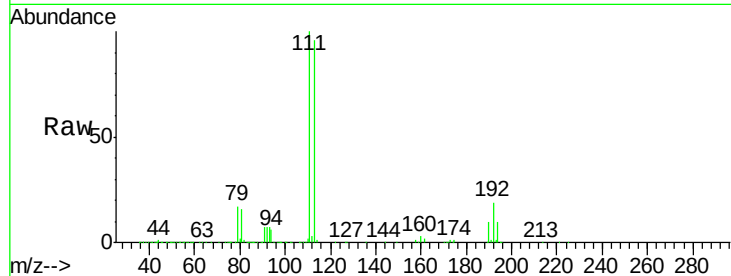
Tgt Ion:113 Resp: 310419

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

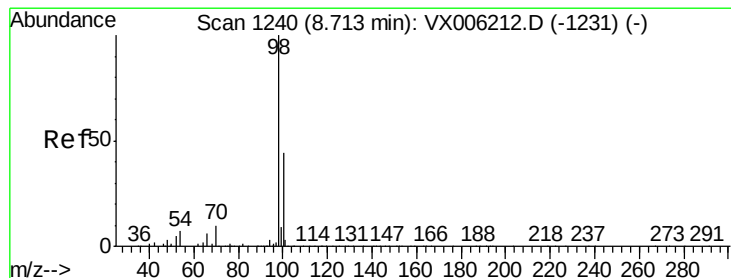
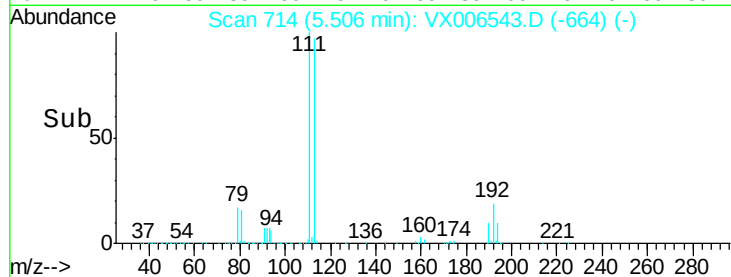
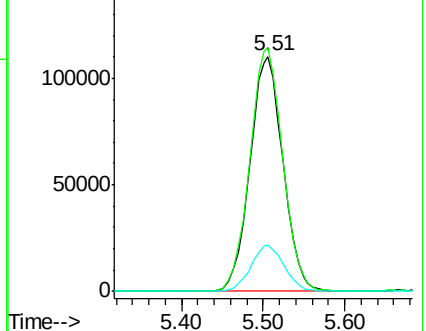
192 19.8 18.2 27.2



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: 50.121 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006543.D

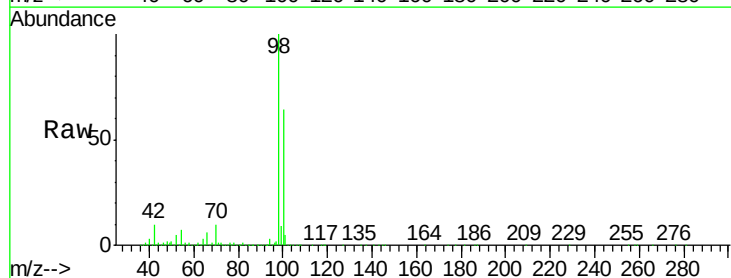
Acq: 15 Dec 2018 04:47

Tgt Ion: 98 Resp: 1239244

Ion Ratio Lower Upper

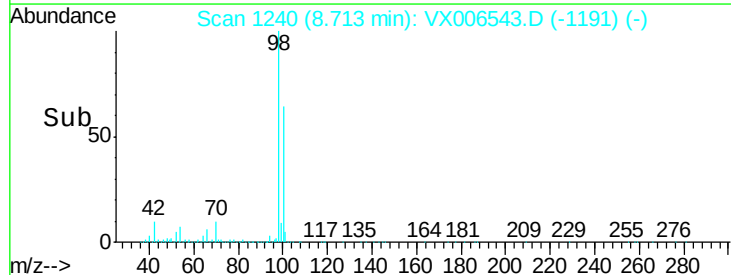
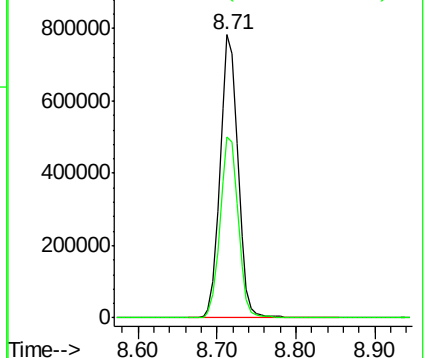
98 100

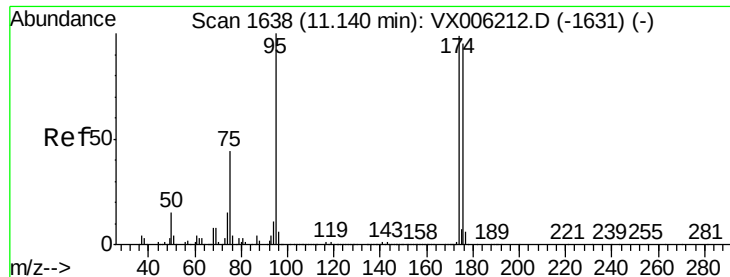
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.975 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006543.D

Acq: 15 Dec 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

MW-15A_R1

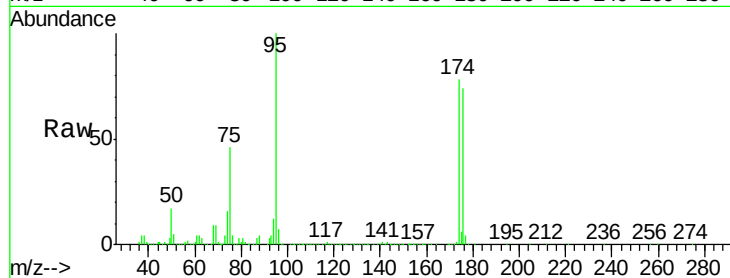
Tgt Ion: 95 Resp: 456303

Ion Ratio Lower Upper

95 100

174 84.0 0.0 187.0

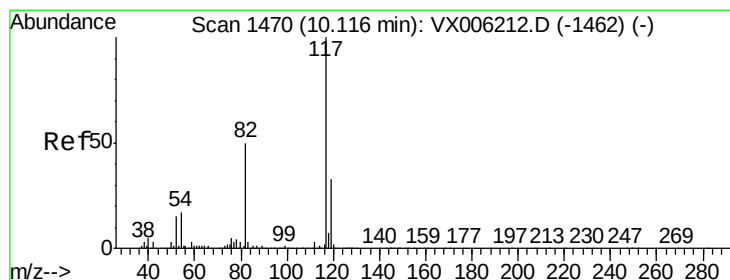
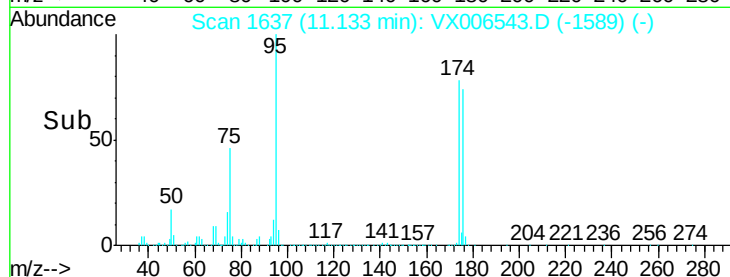
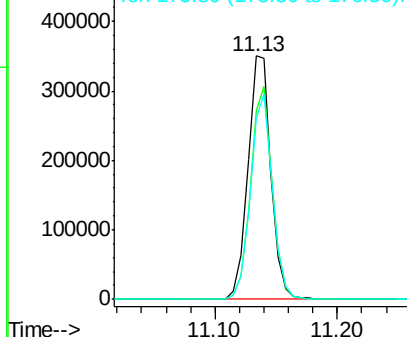
176 81.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006543.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006543.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006543.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006543.D

Acq: 15 Dec 2018 04:47

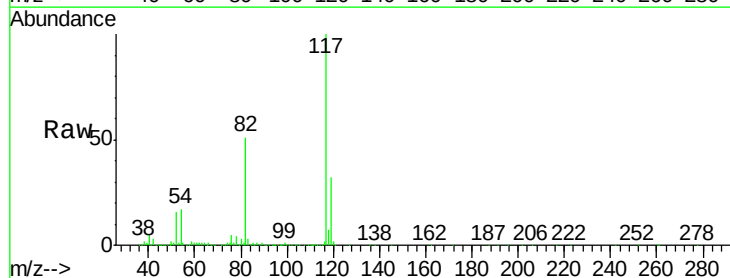
Tgt Ion: 117 Resp: 949776

Ion Ratio Lower Upper

117 100

82 51.5 39.6 59.4

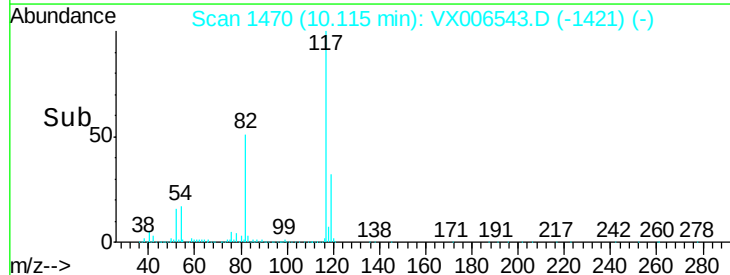
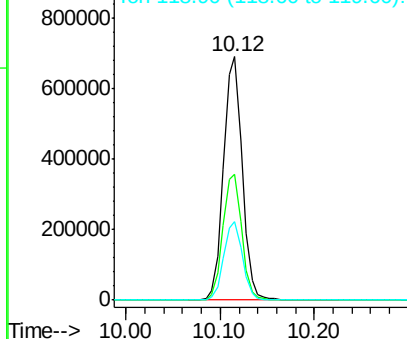
119 32.1 26.3 39.5

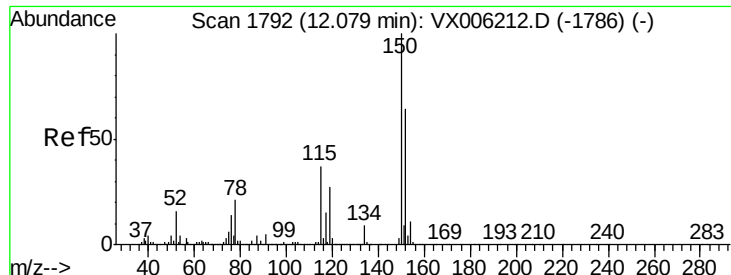


Abundance Ion 116.90 (116.60 to 117.60): VX006543.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006543.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006543.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006543.D

Acq: 15 Dec 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

MW-15A_R1

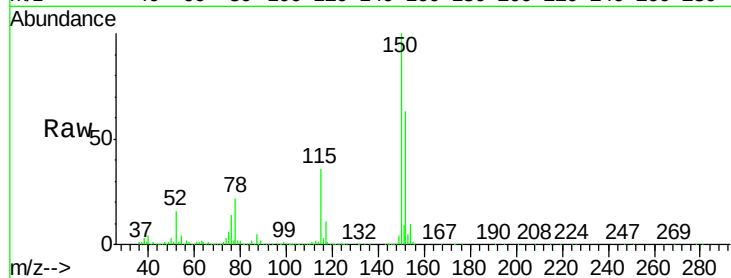
Tgt Ion:152 Resp: 455432

Ion Ratio Lower Upper

152 100

115 57.2 39.0 116.9

150 157.9 0.0 345.8



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

