

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006523.D
 Acq On : 14 Dec 2018 17:51
 Operator : JC/MD
 Sample : J6396-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15D_R1

Quant Time: Dec 15 05:26:04 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

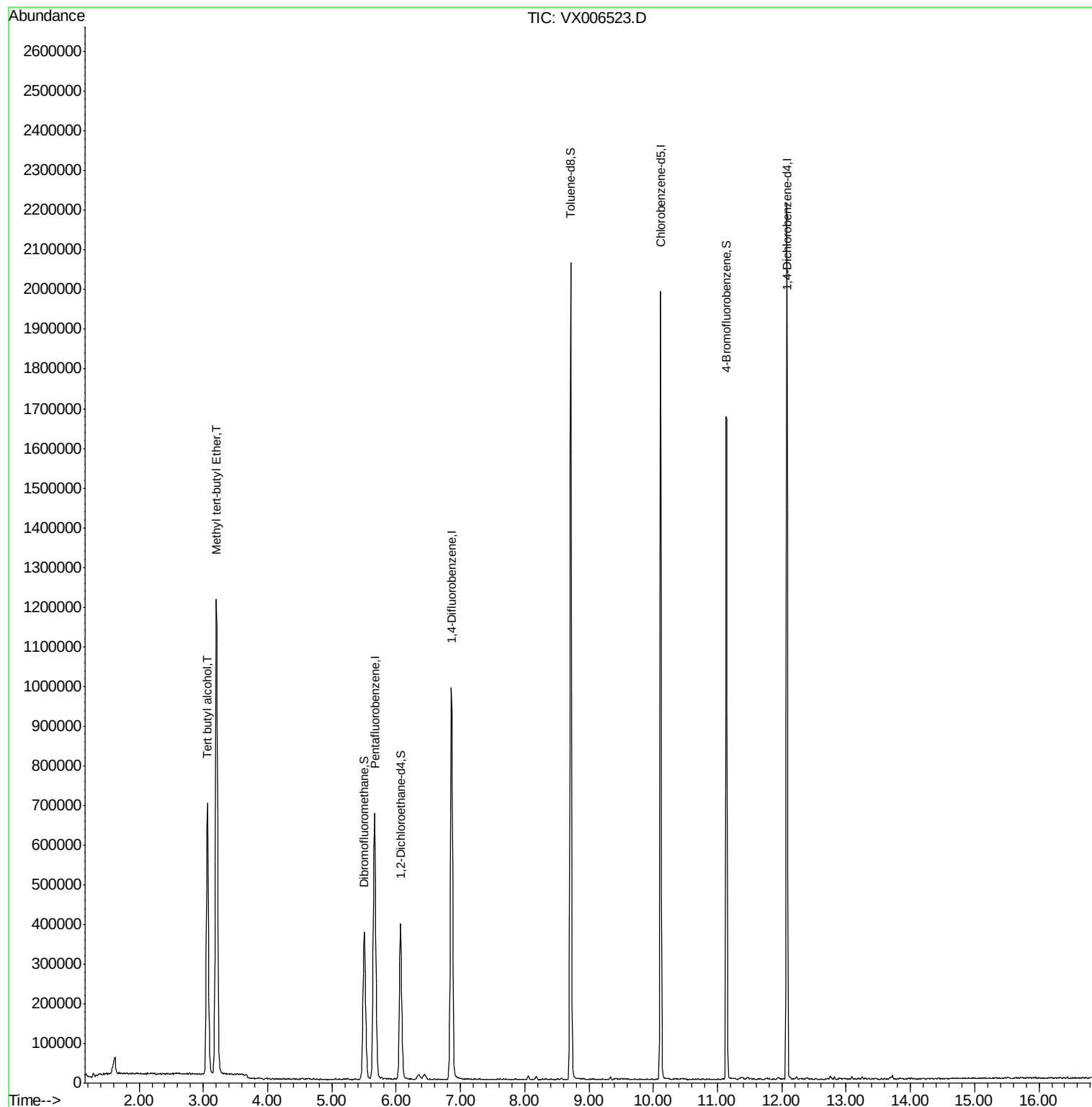
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	671530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1085811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	988866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	472242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	366482	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	5.50	113	317630	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
50) Toluene-d8	8.71	98	1270716	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	468972	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	868998	463.526	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1397750	64.481	ug/l	100

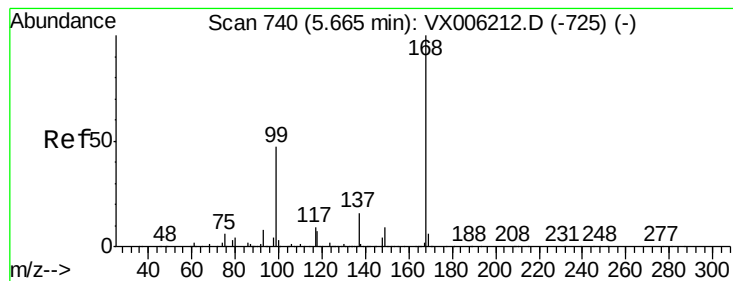
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

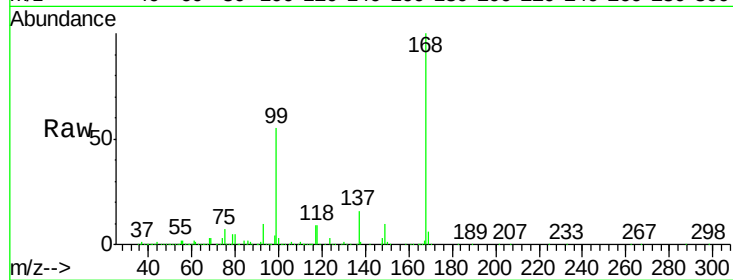
MW-15D_R1

Tgt Ion:168 Resp: 671530

Ion Ratio Lower Upper

168 100

99 55.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

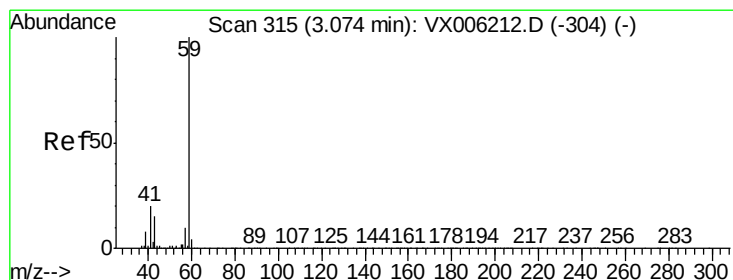
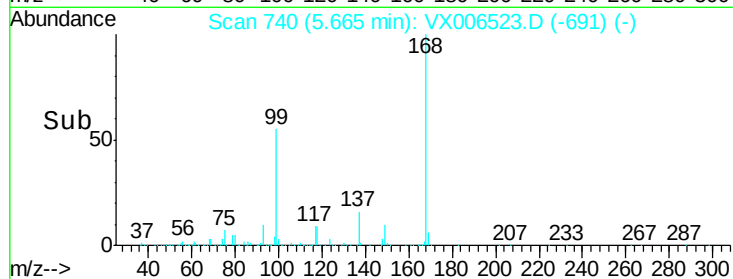
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 463.526 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006523.D

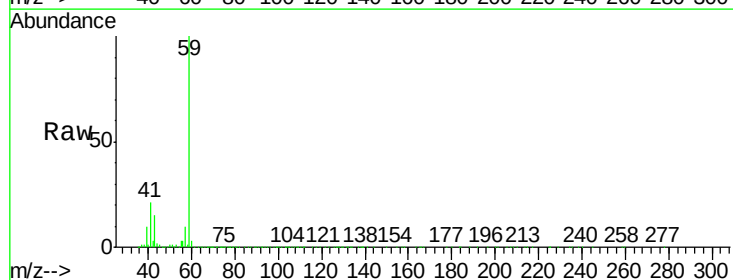
Acq: 14 Dec 2018 17:51

Tgt Ion: 59 Resp: 868998

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

400000

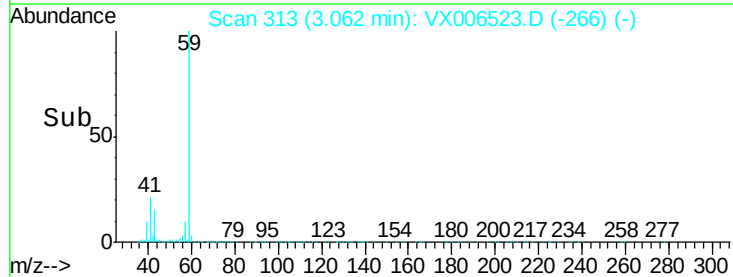
300000

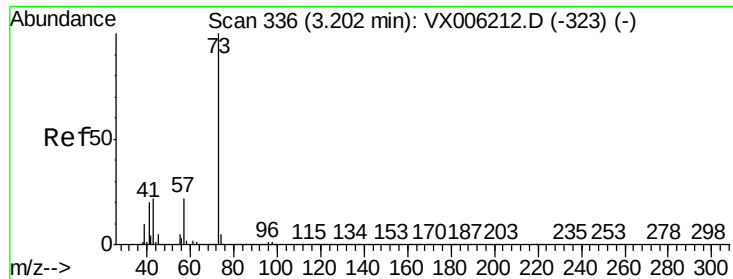
200000

100000

0

Time--> 3.00 3.10 3.20





#19

Methyl tert-butyl Ether

Concen: 64.481 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

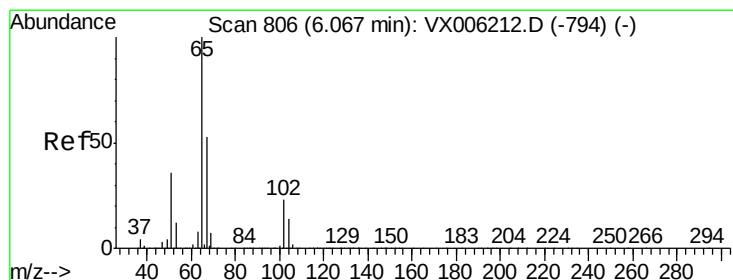
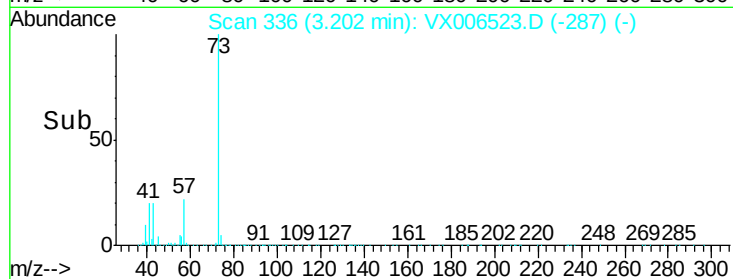
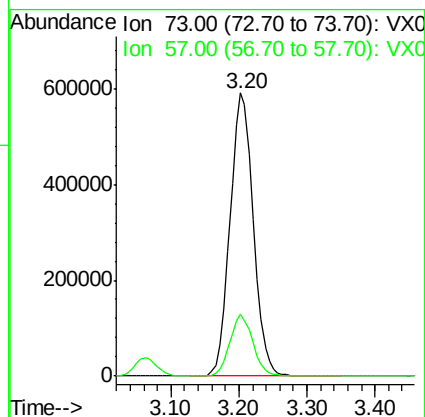
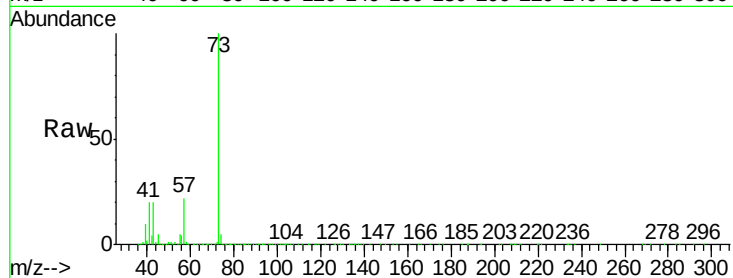
MW-15D_R1

Tgt Ion: 73 Resp: 1397750

Ion Ratio Lower Upper

73 100

57 21.7 17.5 26.3



#33

1,2-Dichloroethane-d4

Concen: 53.460 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006523.D

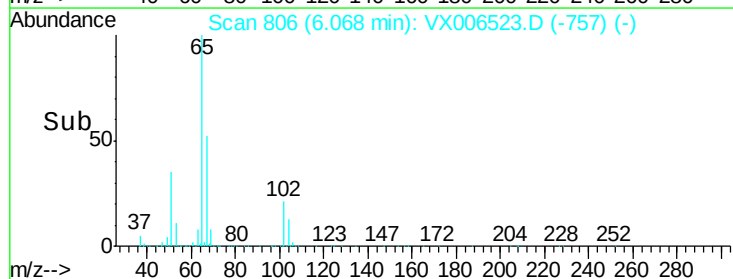
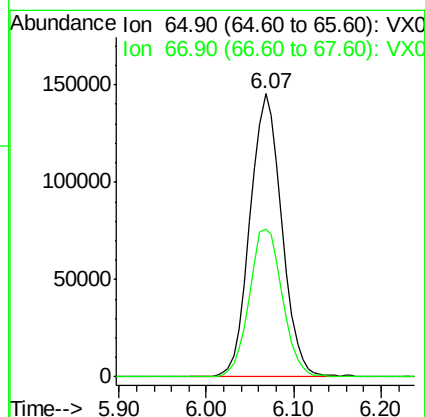
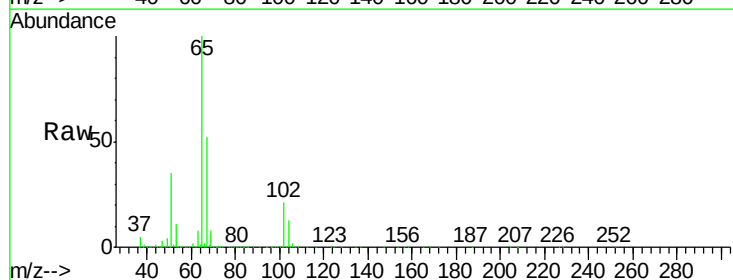
Acq: 14 Dec 2018 17:51

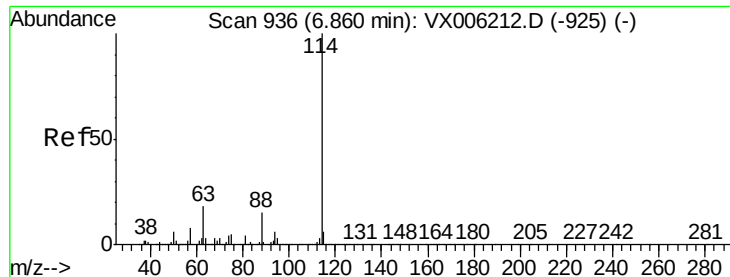
Tgt Ion: 65 Resp: 366482

Ion Ratio Lower Upper

65 100

67 54.6 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: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-15D_R1

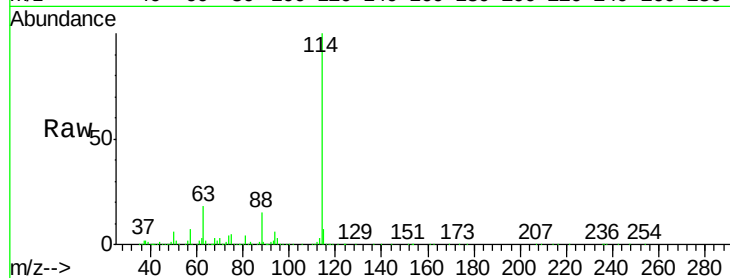
Tgt Ion:114 Resp: 1085811

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 15.2 0.0 29.0



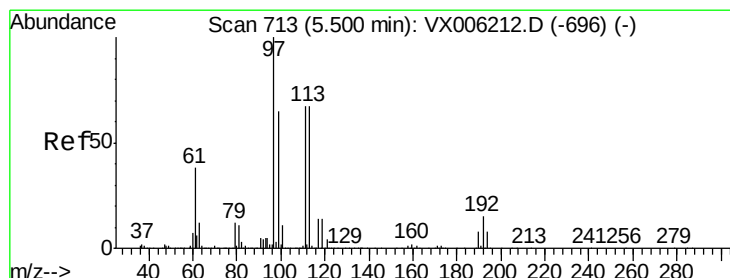
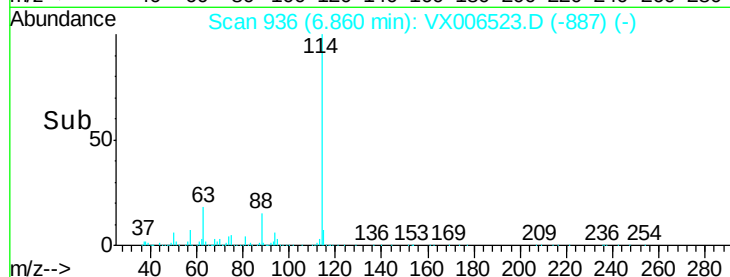
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



#35

Dibromofluoromethane

Concen: 45.181 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

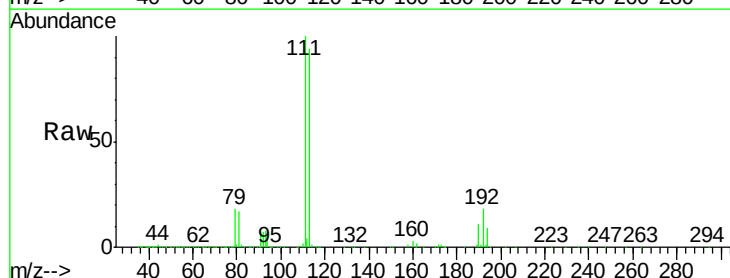
Tgt Ion:113 Resp: 317630

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

192 20.4 18.2 27.2



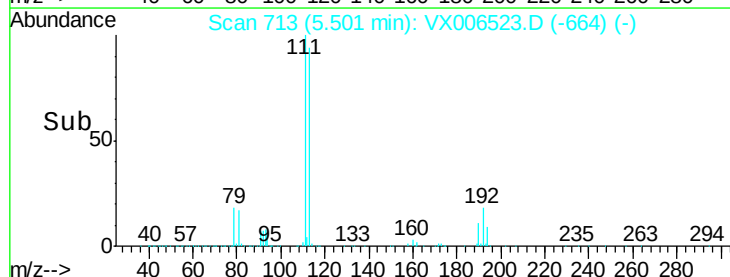
Abundance Ion 112.80 (112.50 to 113.50): V

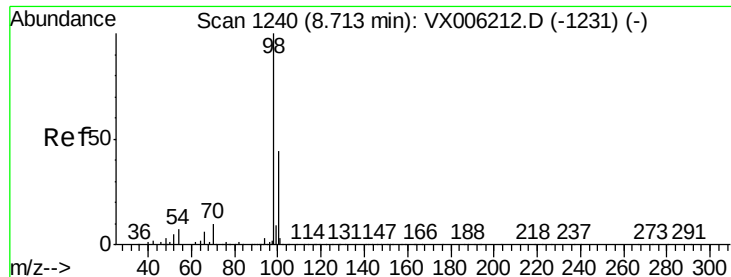
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50

Time-->

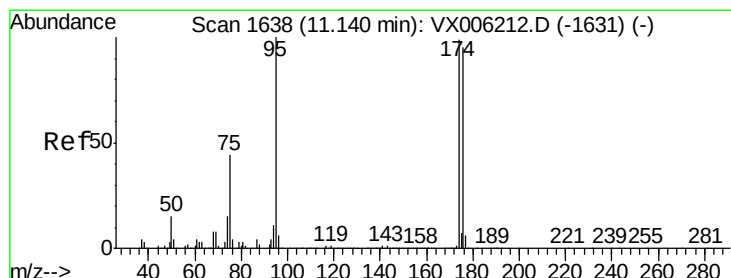
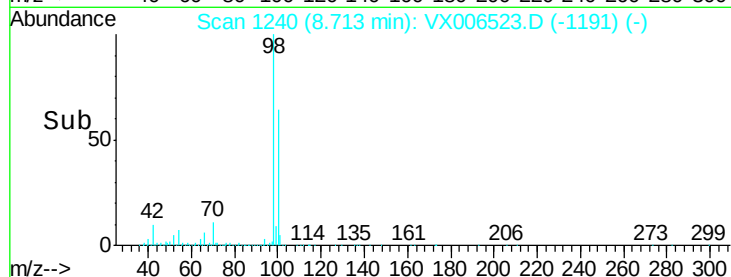
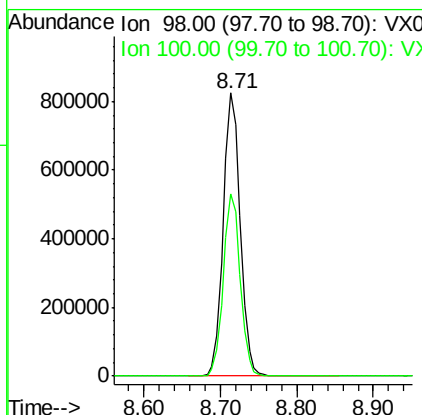
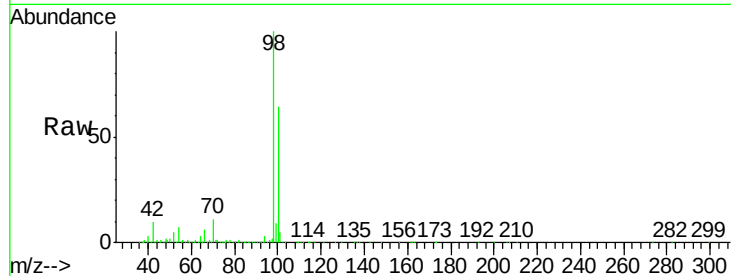




#50
Toluene-d8
Concen: 49.692 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

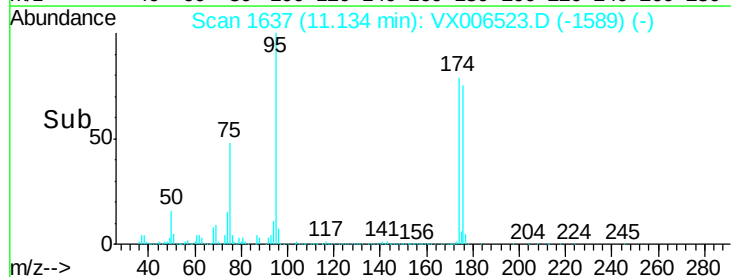
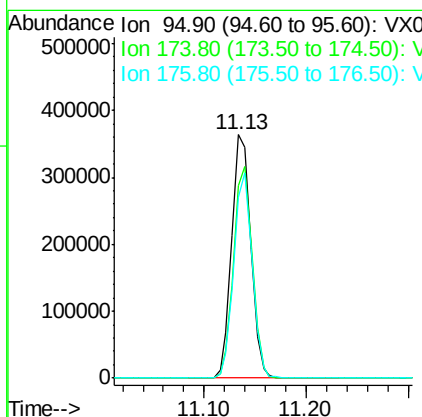
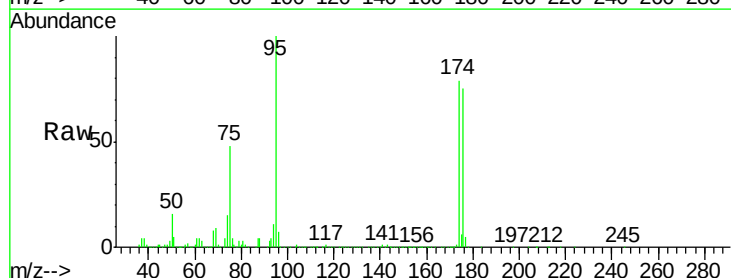
Instrument :
MSVOA_X
ClientSampleId :
MW-15D_R1

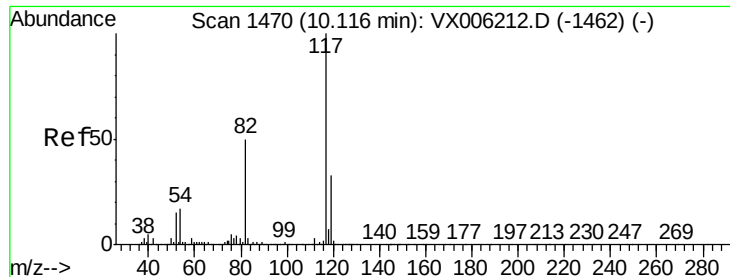
Tgt Ion: 98 Resp: 1270716
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.668 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Tgt Ion: 95 Resp: 468972
Ion Ratio Lower Upper
95 100
174 85.2 0.0 187.0
176 81.3 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

MW-15D_R1

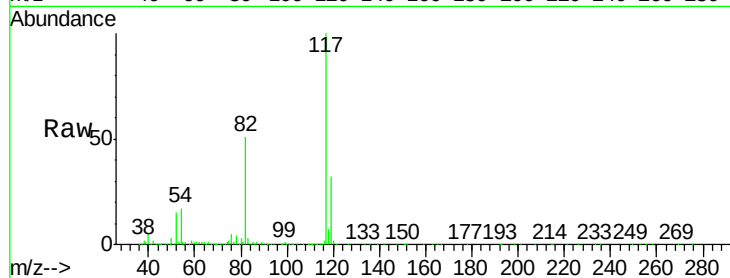
Tgt Ion:117 Resp: 988866

Ion Ratio Lower Upper

117 100

82 50.7 39.6 59.4

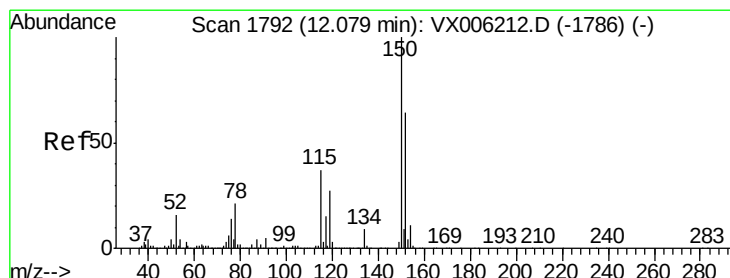
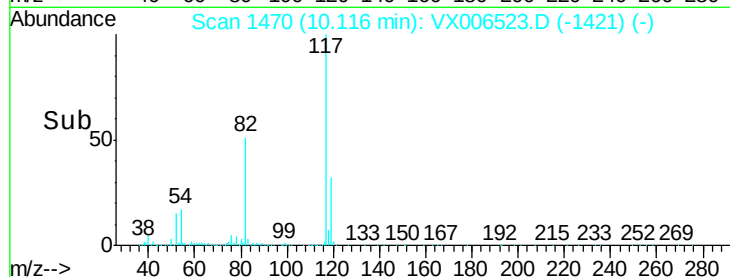
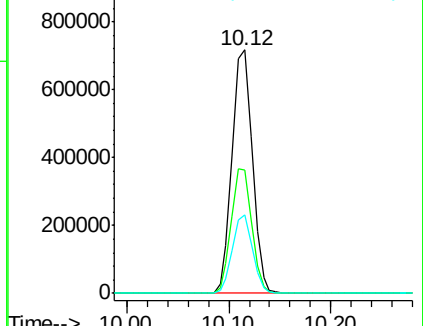
119 32.2 26.3 39.5



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

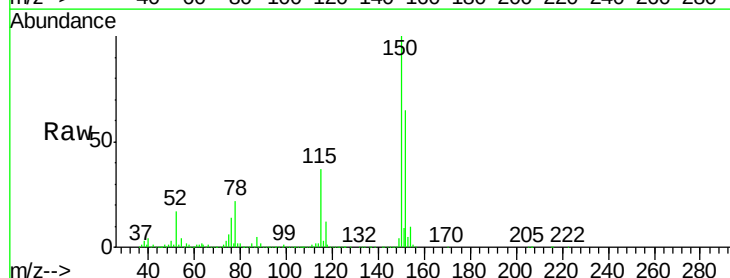
Tgt Ion:152 Resp: 472242

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 154.6 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

