

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006522.D
 Acq On : 14 Dec 2018 17:25
 Operator : JC/MD
 Sample : J6396-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15C_R1

Quant Time: Dec 17 12:49:28 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

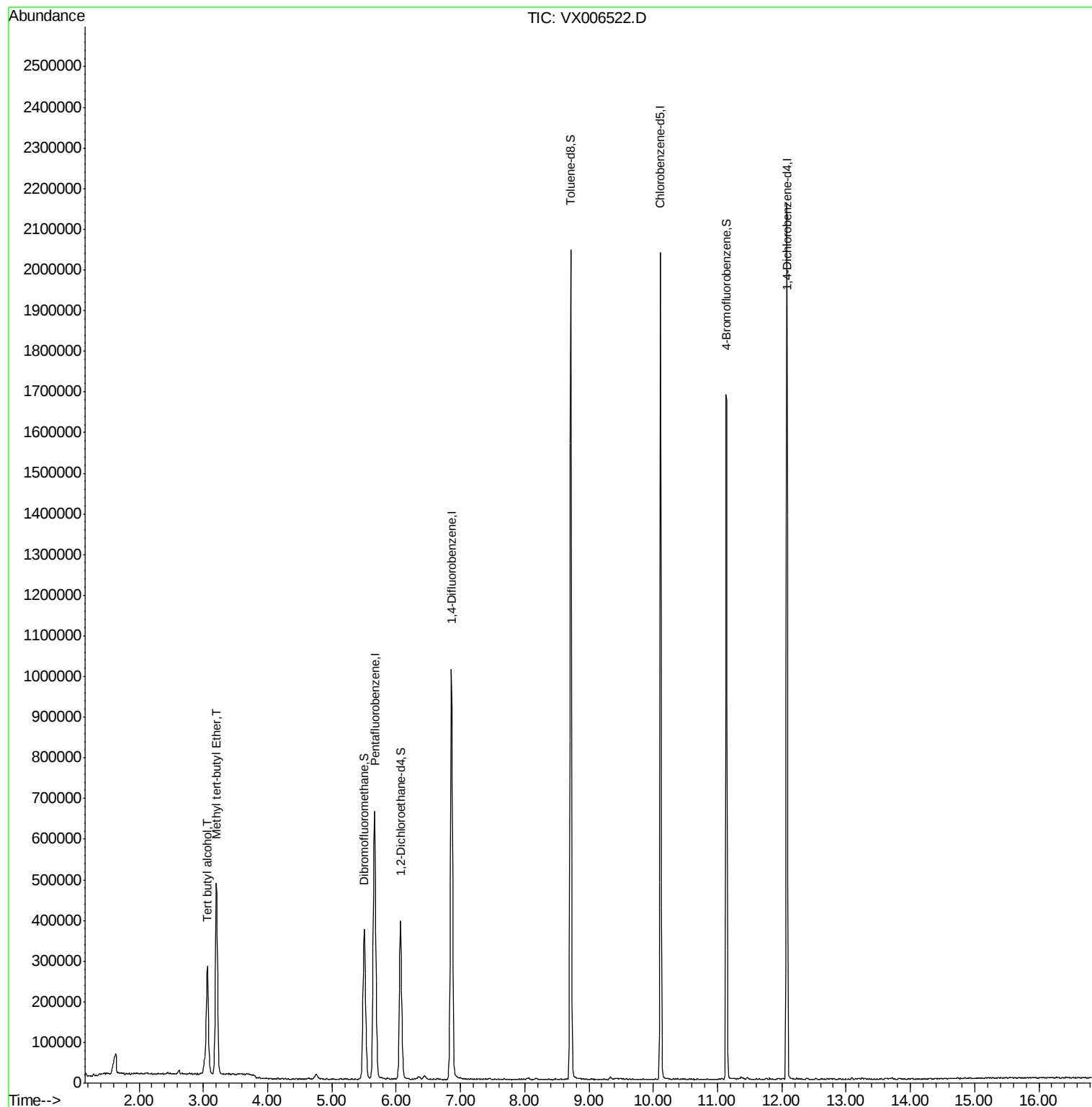
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	669355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1087209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	978181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	369638	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	5.50	113	320469	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
50) Toluene-d8	8.71	98	1269530	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	467083	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	355895	190.452	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	548174	25.370	ug/l	98

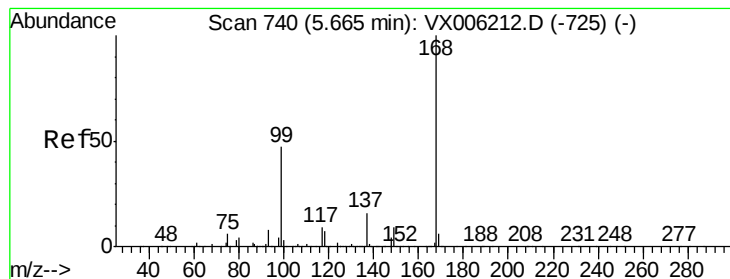
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

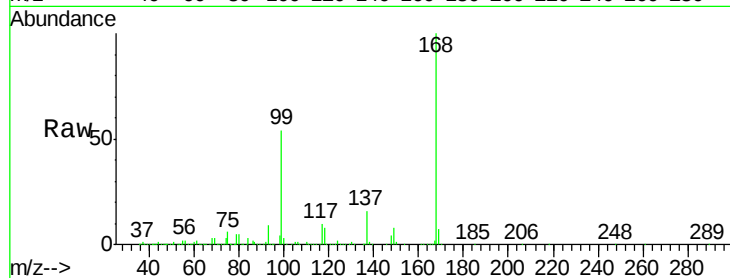
MW-15C_R1

Tgt Ion:168 Resp: 669355

Ion Ratio Lower Upper

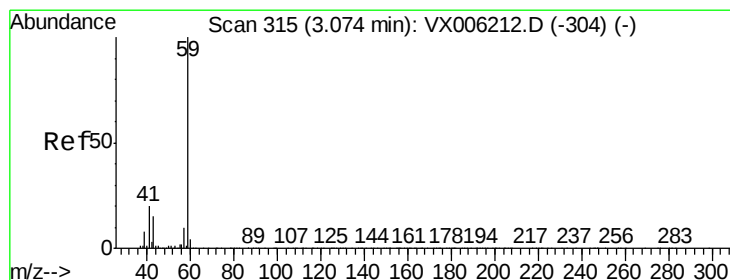
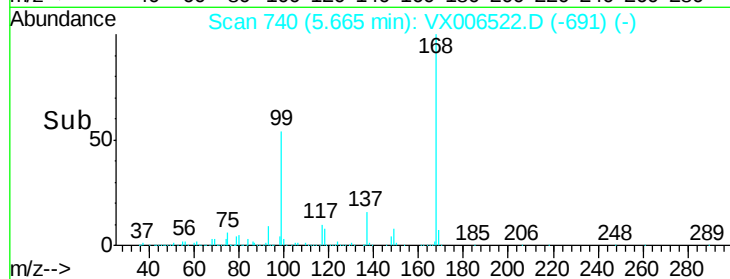
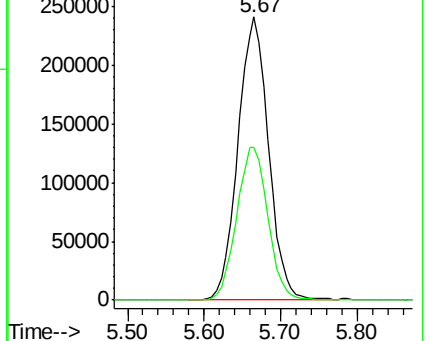
168 100

99 54.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 190.452 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006522.D

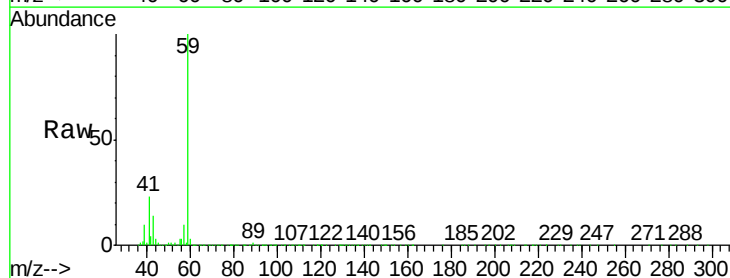
Acq: 14 Dec 2018 17:25

Tgt Ion: 59 Resp: 355895

Ion Ratio Lower Upper

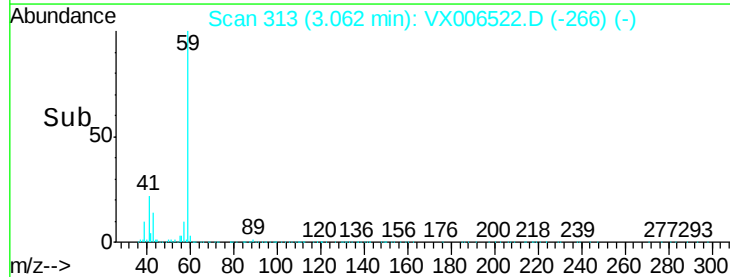
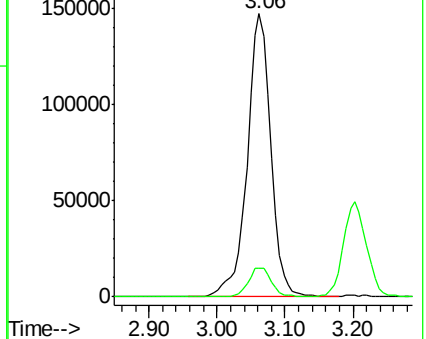
59 100

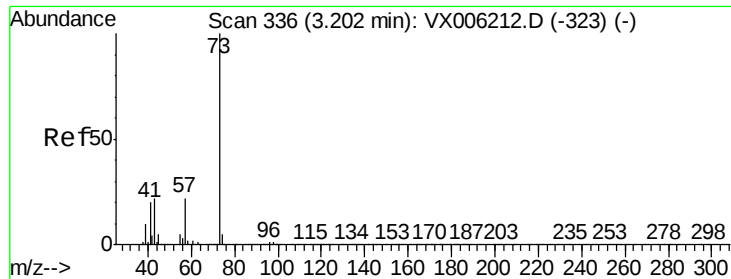
57 10.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

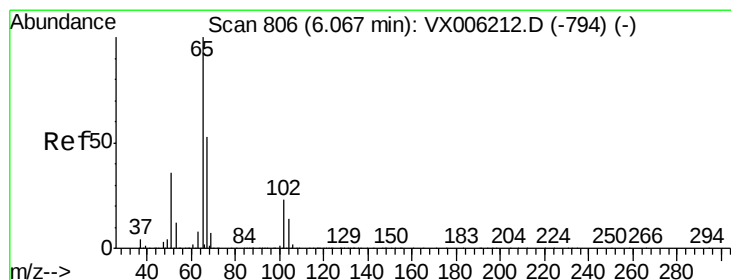
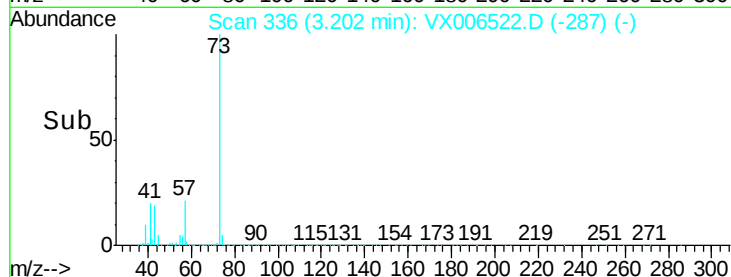
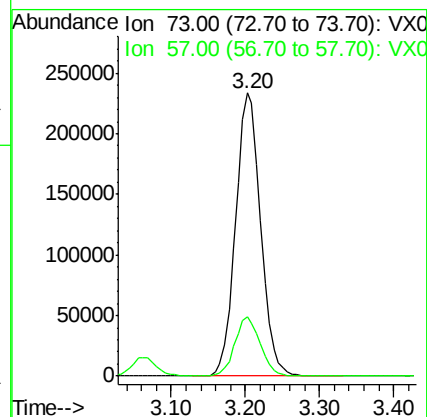
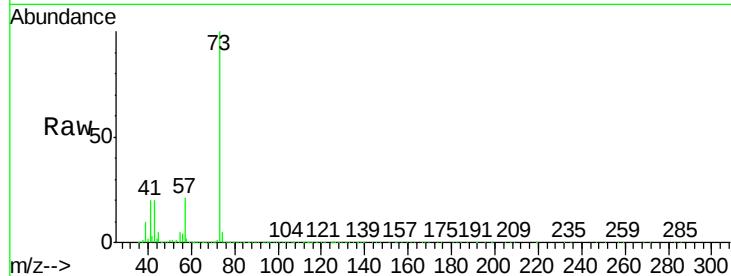




#19
Methyl tert-butyl Ether
Concen: 25.370 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

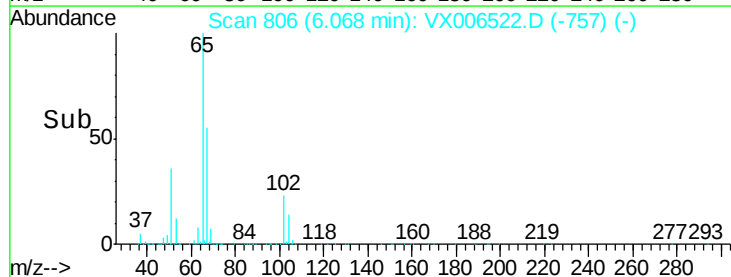
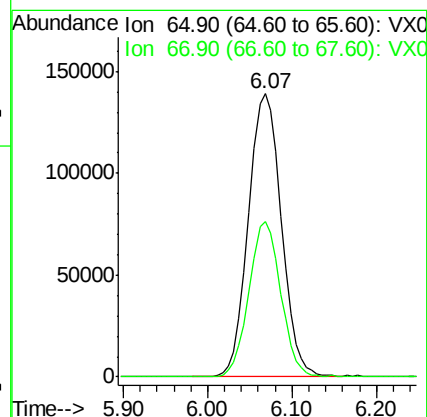
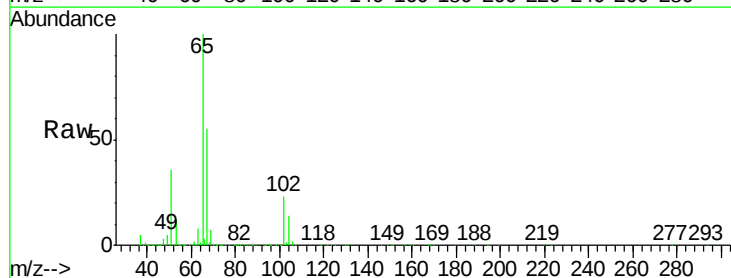
Instrument :
MSVOA_X
ClientSampled :
MW-15C_R1

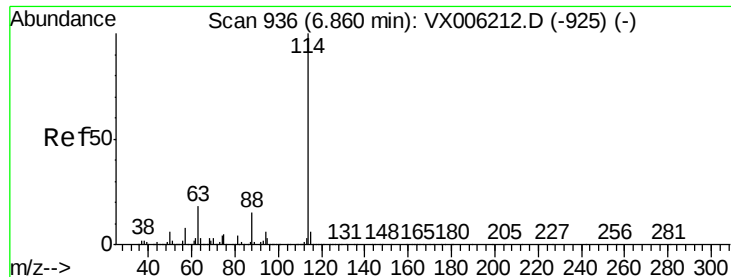
Tgt Ion: 73 Resp: 548174
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3



#33
1,2-Dichloroethane-d4
Concen: 54.096 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Tgt Ion: 65 Resp: 369638
Ion Ratio Lower Upper
65 100
67 52.6 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: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-15C_R1

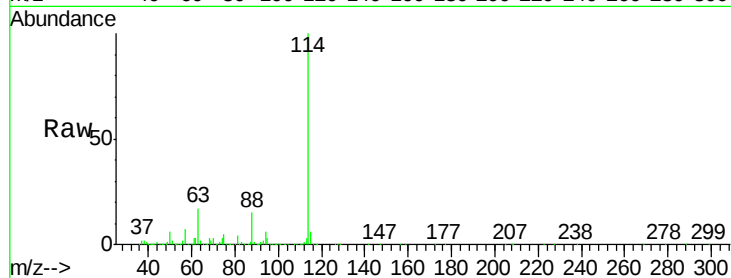
Tgt Ion:114 Resp: 1087209

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

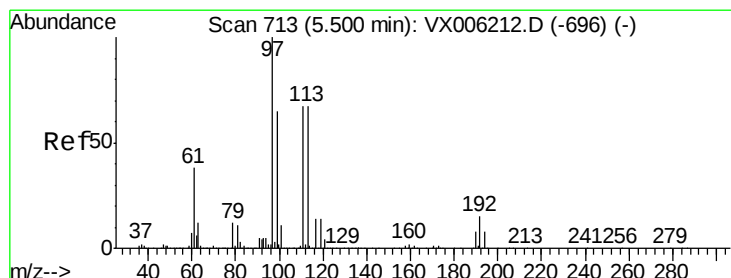
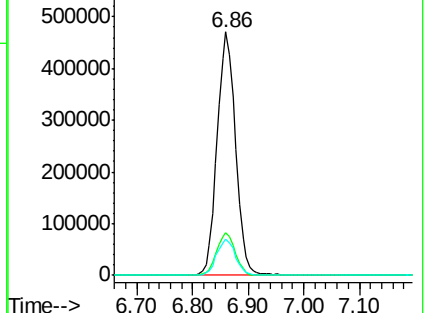
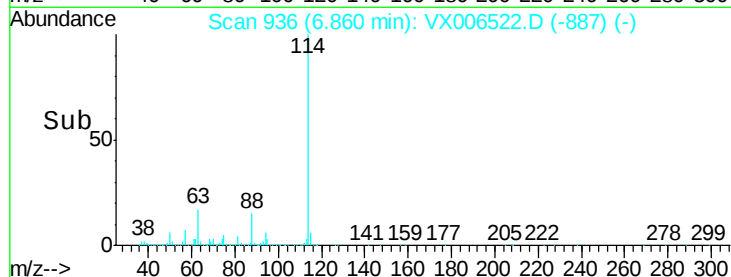
88 15.1 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 45.526 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

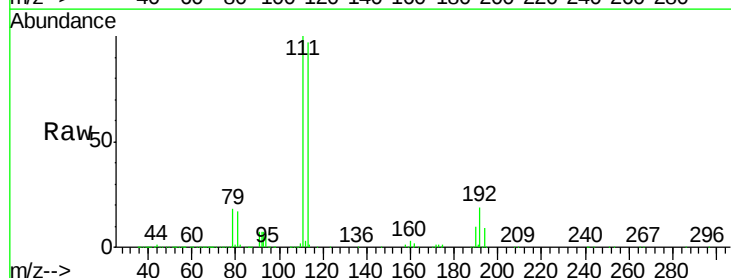
Tgt Ion:113 Resp: 320469

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

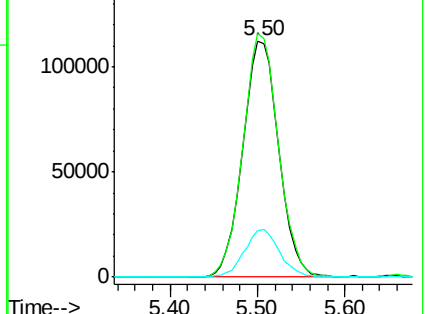
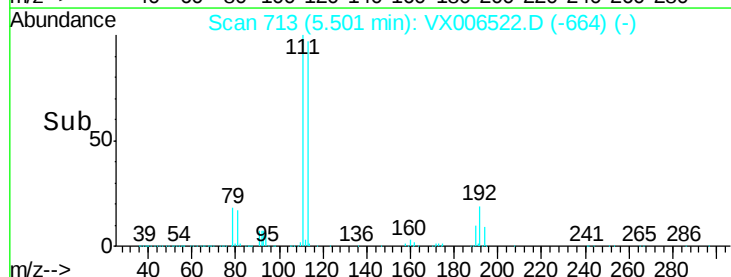
192 19.8 18.2 27.2

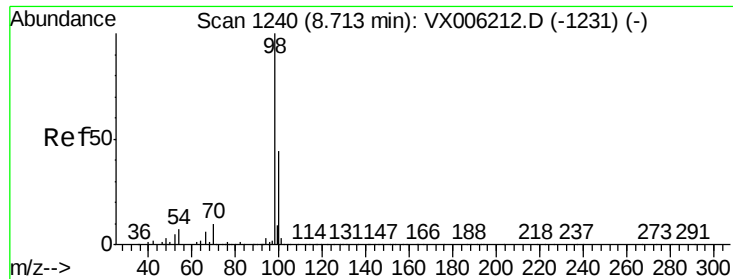


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

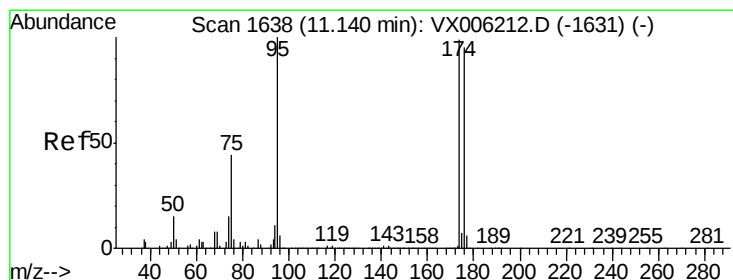
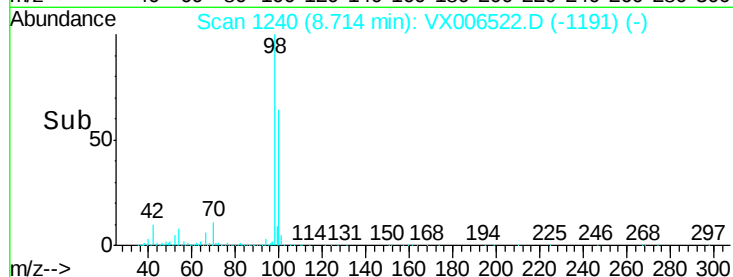
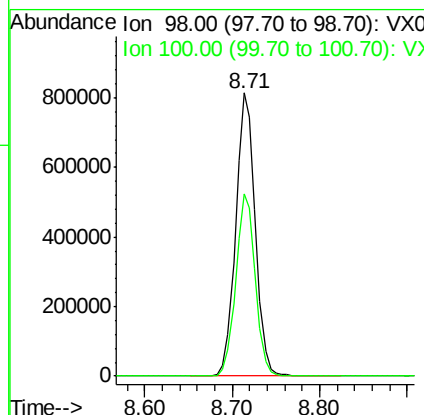
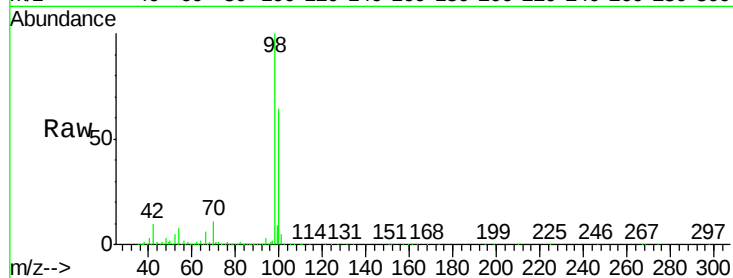




#50
Toluene-d8
Concen: 49.582 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

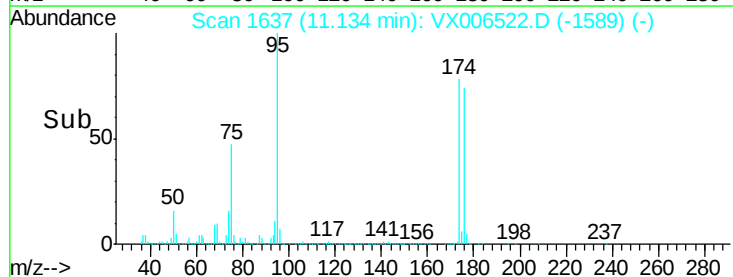
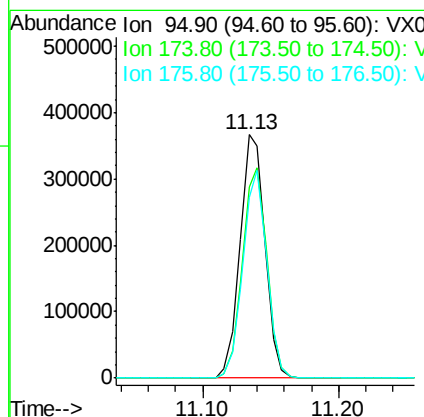
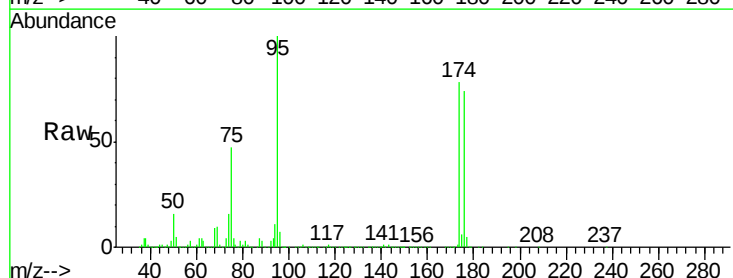
Instrument :
MSVOA_X
ClientSampleId :
MW-15C_R1

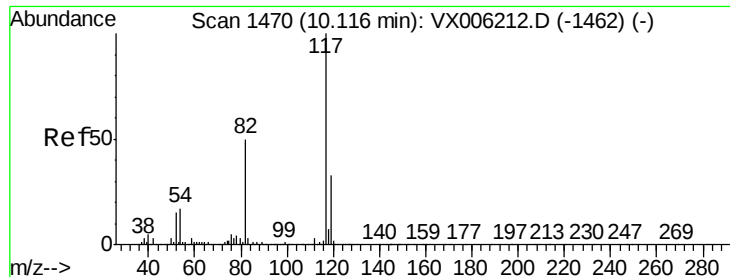
Tgt Ion: 98 Resp: 1269530
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.409 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Tgt Ion: 95 Resp: 467083
Ion Ratio Lower Upper
95 100
174 85.5 0.0 187.0
176 82.5 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-15C_R1

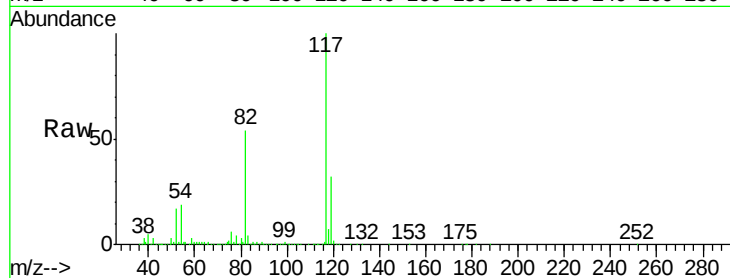
Tgt Ion:117 Resp: 978181

Ion Ratio Lower Upper

117 100

82 53.6 39.6 59.4

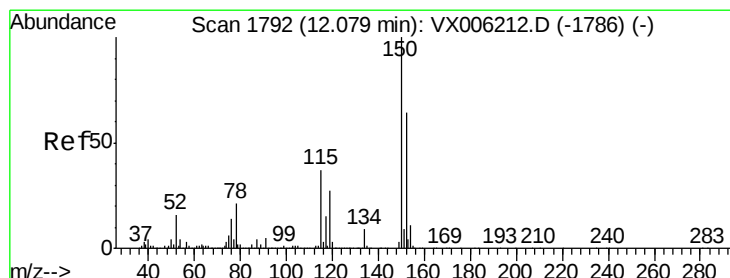
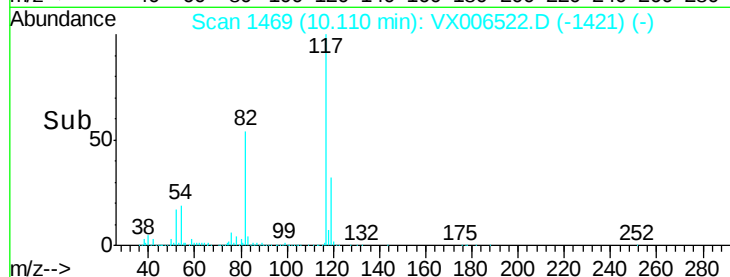
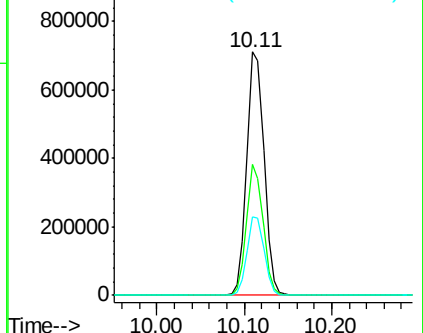
119 32.5 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX006522.D

Acq: 14 Dec 2018 17:25

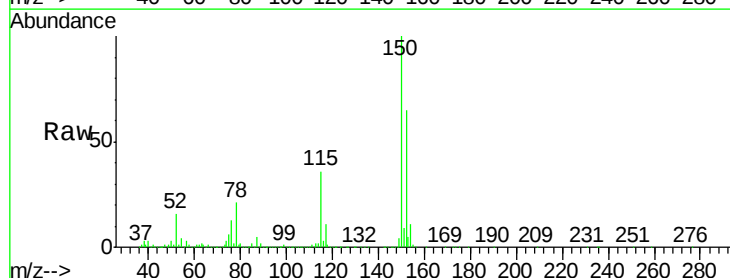
Tgt Ion:152 Resp: 474189

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 154.5 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

