

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006521.D
 Acq On : 14 Dec 2018 16:58
 Operator : JC/MD
 Sample : J6396-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B_R1

Quant Time: Dec 17 12:48:59 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

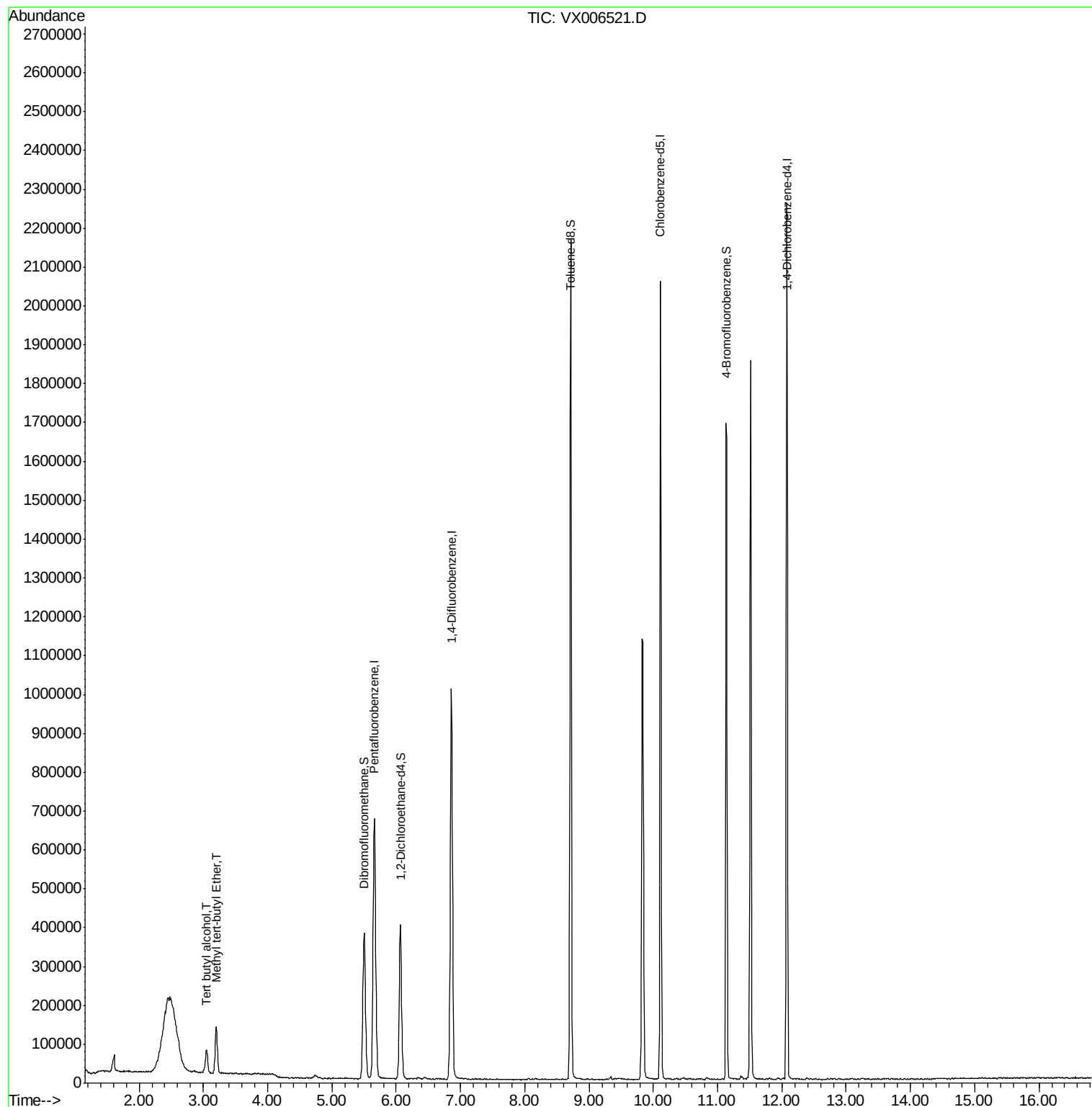
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	674884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1091119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	998290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	376416	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
35) Dibromofluoromethane	5.50	113	326934	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	1280409	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	478955	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	82538	43.807	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	145028	6.657	ug/l	98

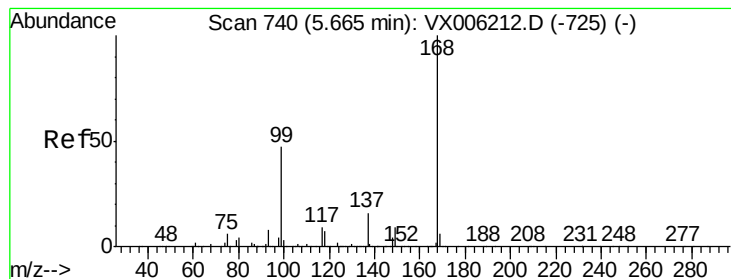
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006521.D

Acq: 14 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

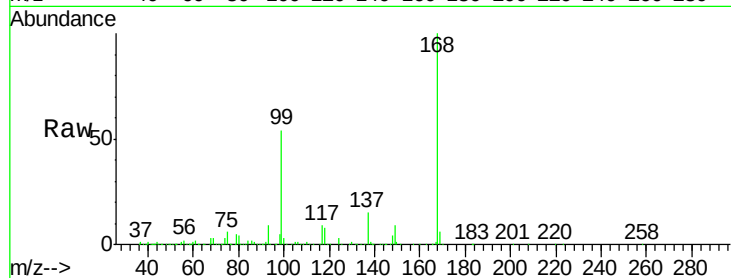
MW-15B_R1

Tgt Ion:168 Resp: 674884

Ion Ratio Lower Upper

168 100

99 54.2 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

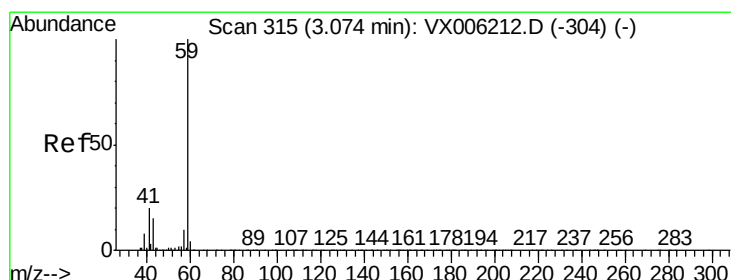
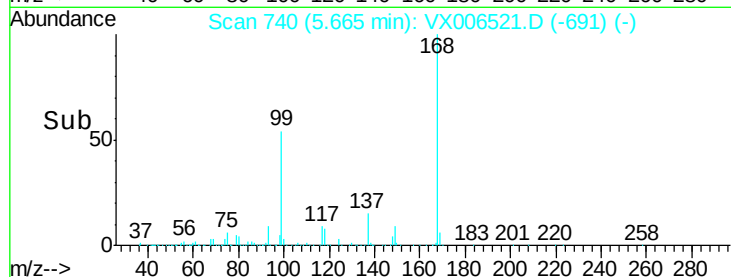
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 43.807 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX006521.D

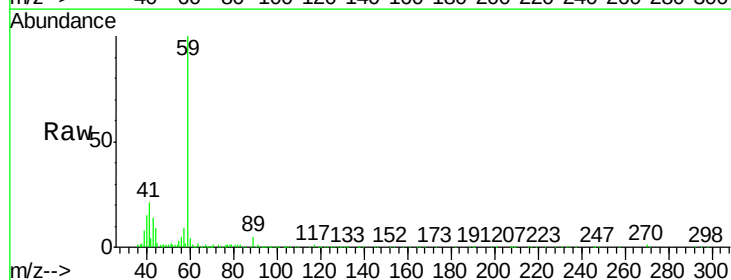
Acq: 14 Dec 2018 16:58

Tgt Ion: 59 Resp: 82538

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

40000

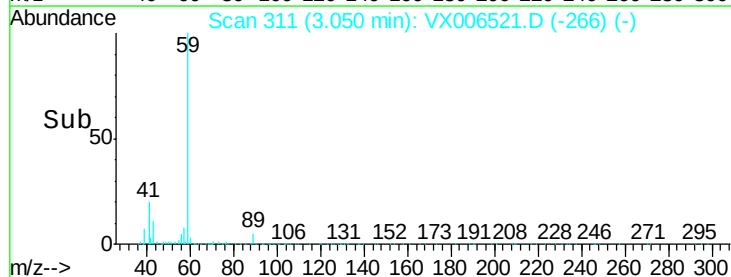
30000

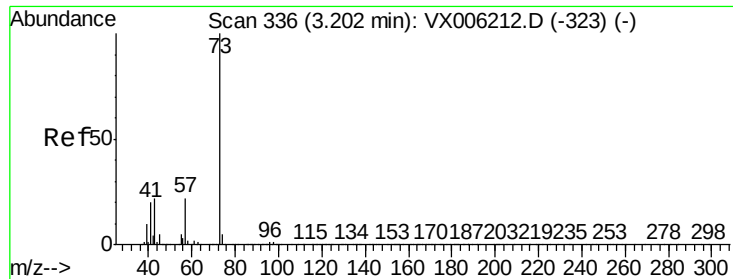
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 6.657 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX006521.D

Acq: 14 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

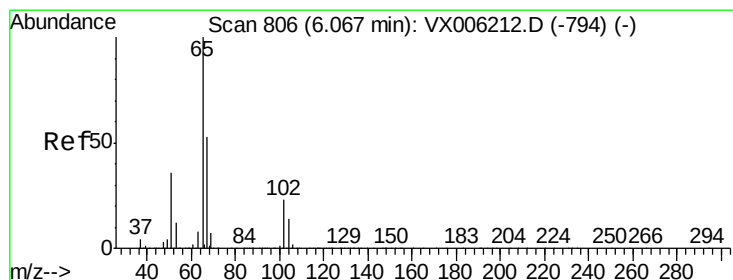
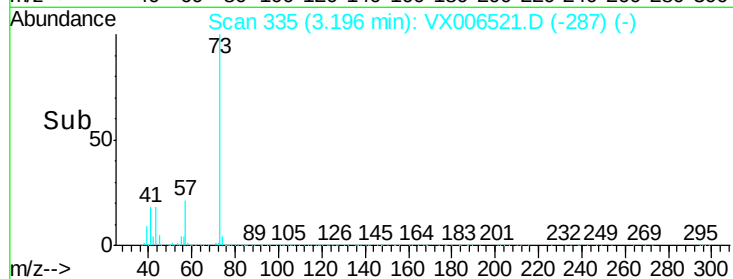
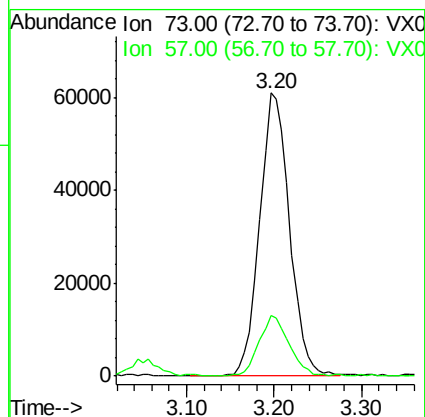
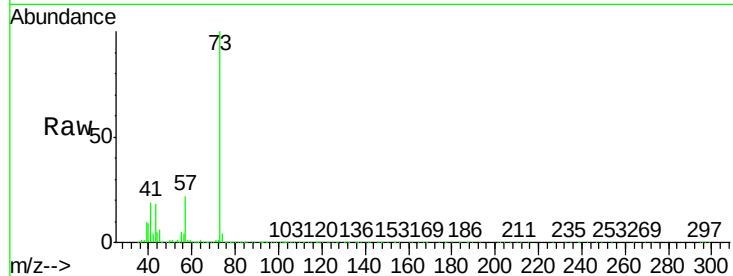
MW-15B_R1

Tgt Ion: 73 Resp: 145028

Ion Ratio Lower Upper

73 100

57 21.0 17.5 26.3



#33

1,2-Dichloroethane-d4

Concen: 54.636 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006521.D

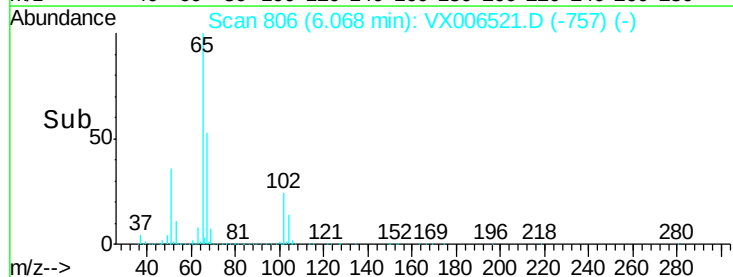
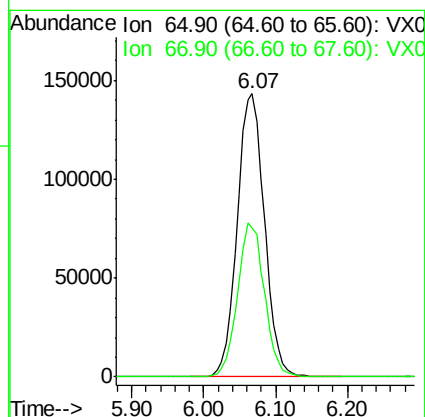
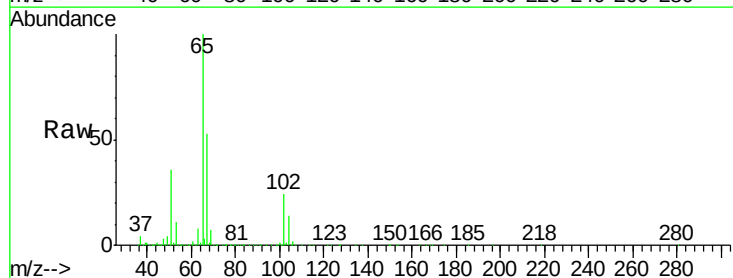
Acq: 14 Dec 2018 16:58

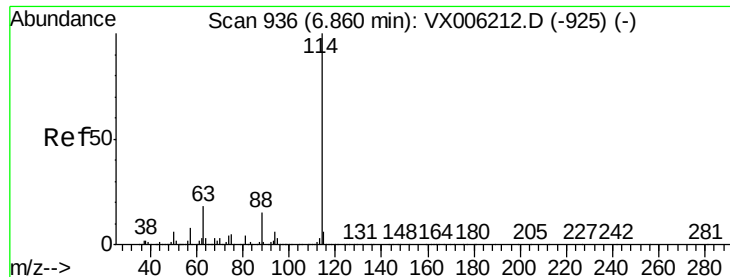
Tgt Ion: 65 Resp: 376416

Ion Ratio Lower Upper

65 100

67 53.5 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: VX006521.D

Acq: 14 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

MW-15B_R1

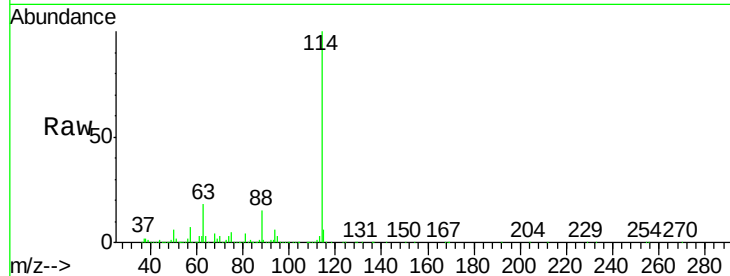
Tgt Ion:114 Resp: 1091119

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

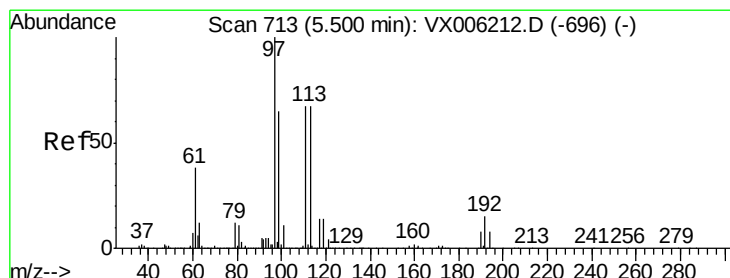
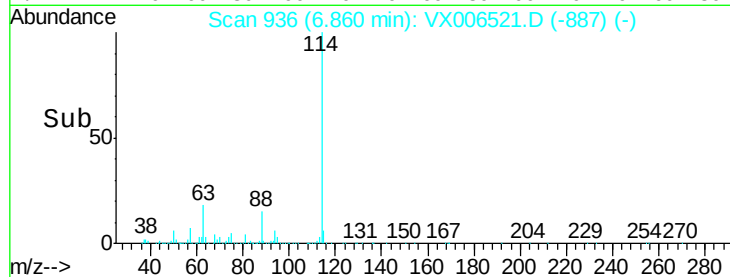
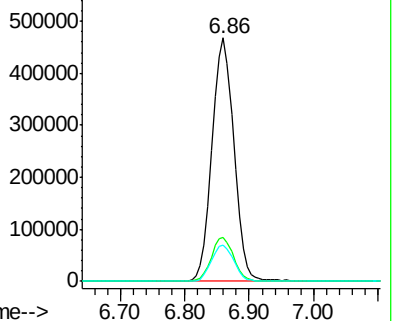
88 15.1 0.0 29.0



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: 46.278 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006521.D

Acq: 14 Dec 2018 16:58

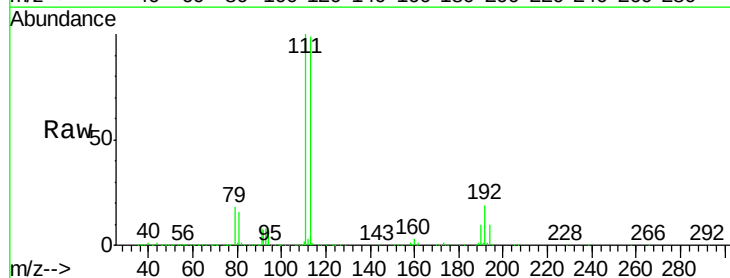
Tgt Ion:113 Resp: 326934

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

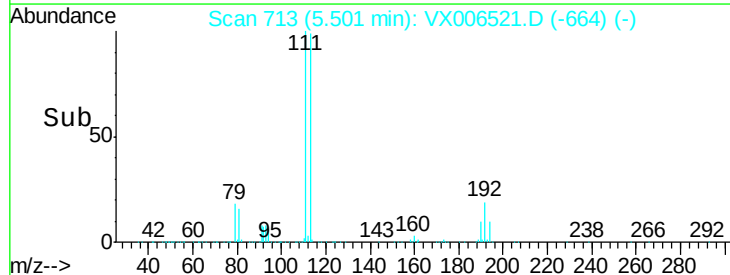
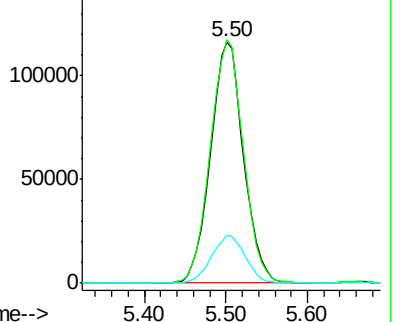
192 20.1 18.2 27.2

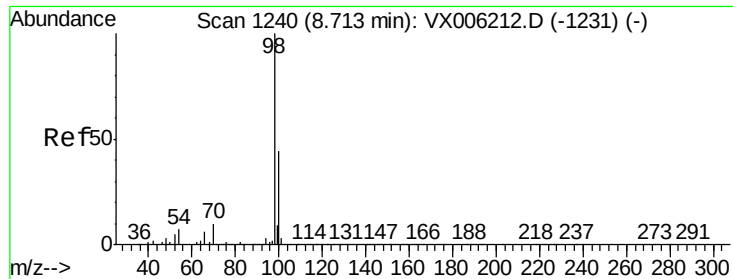


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

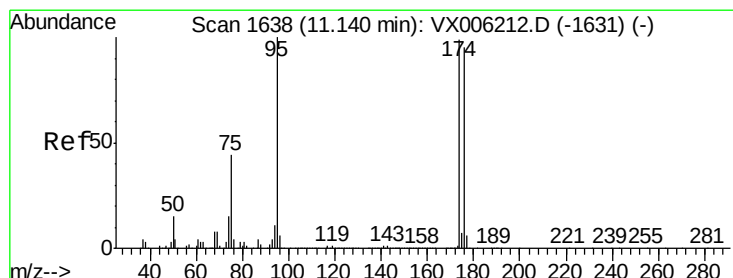
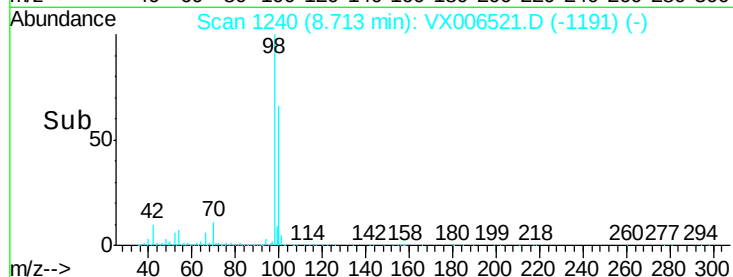
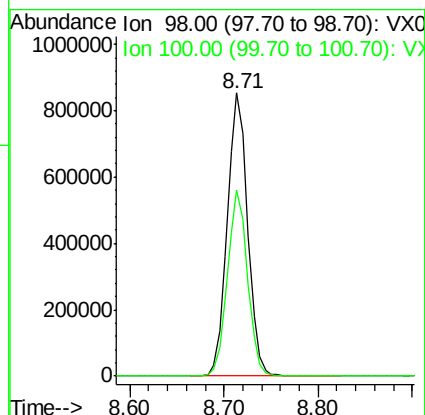
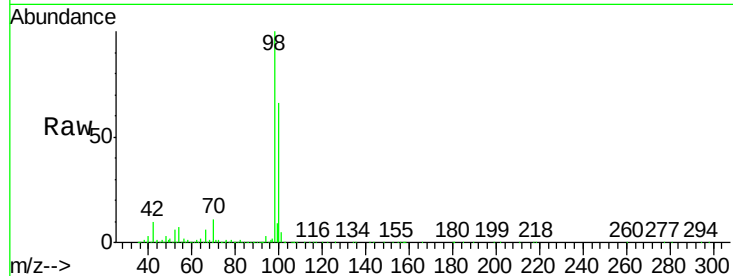




#50
Toluene-d8
Concen: 49.828 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006521.D
Acq: 14 Dec 2018 16:58

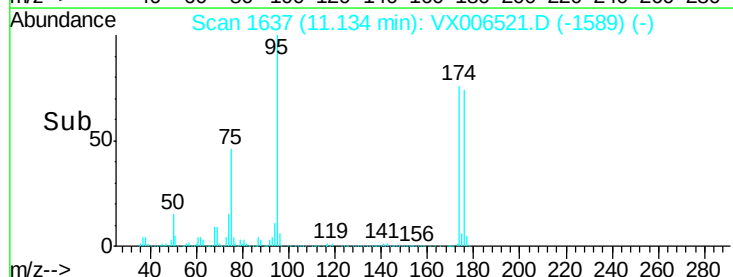
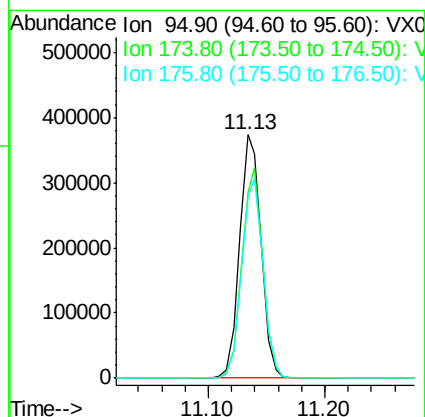
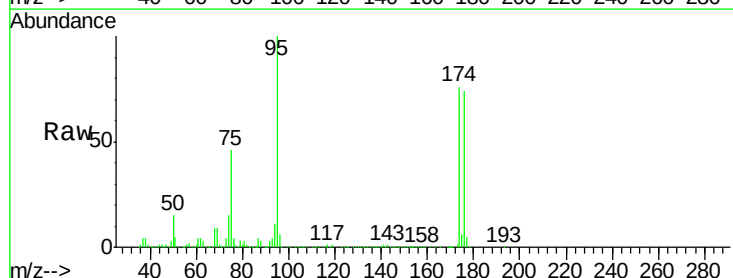
Instrument :
MSVOA_X
ClientSampleId :
MW-15B_R1

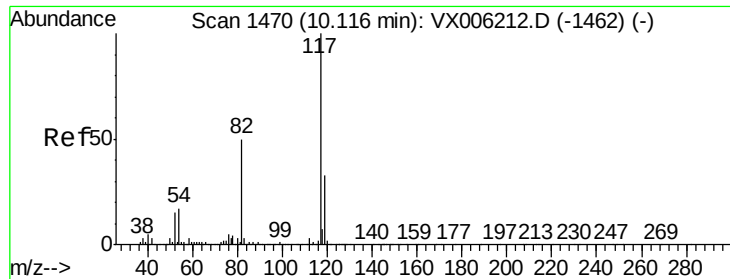
Tgt Ion: 98 Resp: 1280409
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006521.D
Acq: 14 Dec 2018 16:58

Tgt Ion: 95 Resp: 478955
Ion Ratio Lower Upper
95 100
174 84.5 0.0 187.0
176 81.7 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: VX006521.D

Acq: 14 Dec 2018 16:58

Instrument :

MSVOA_X

ClientSampleId :

MW-15B_R1

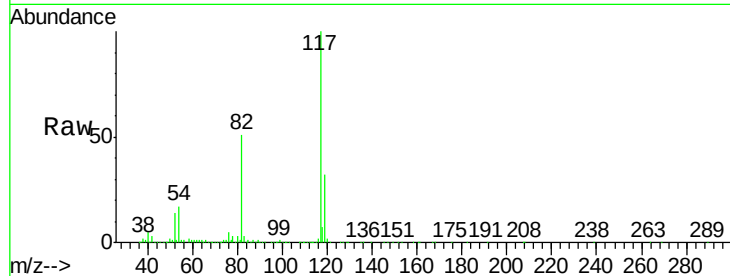
Tgt Ion:117 Resp: 998290

Ion Ratio Lower Upper

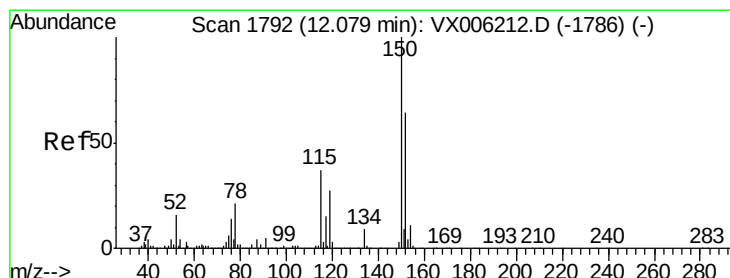
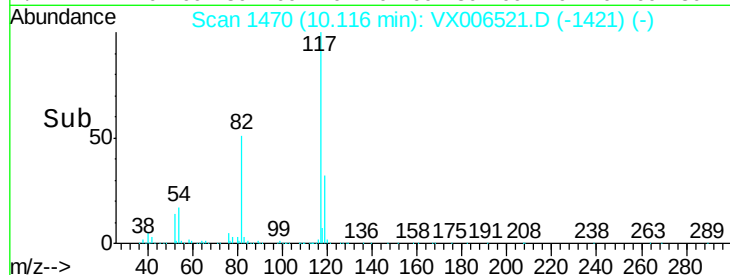
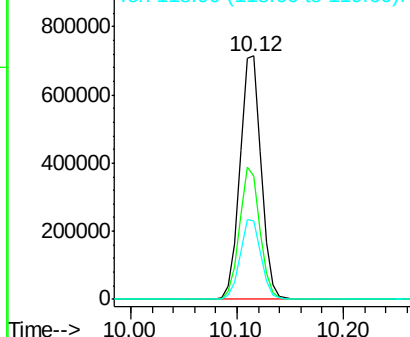
117 100

82 50.9 39.6 59.4

119 32.4 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: VX006521.D

Acq: 14 Dec 2018 16:58

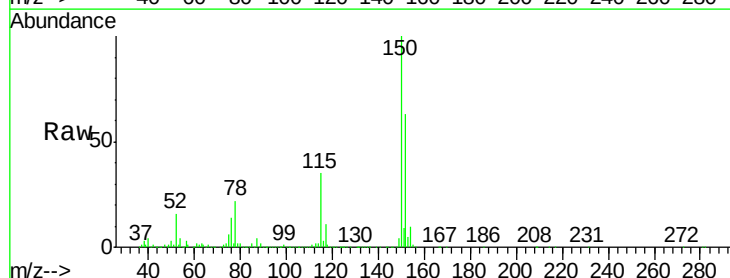
Tgt Ion:152 Resp: 470764

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

150 158.8 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

