

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007750.D
 Acq On : 27 Feb 2019 22:31
 Operator : JC/SP
 Sample : K1653-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Feb 28 04:57:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

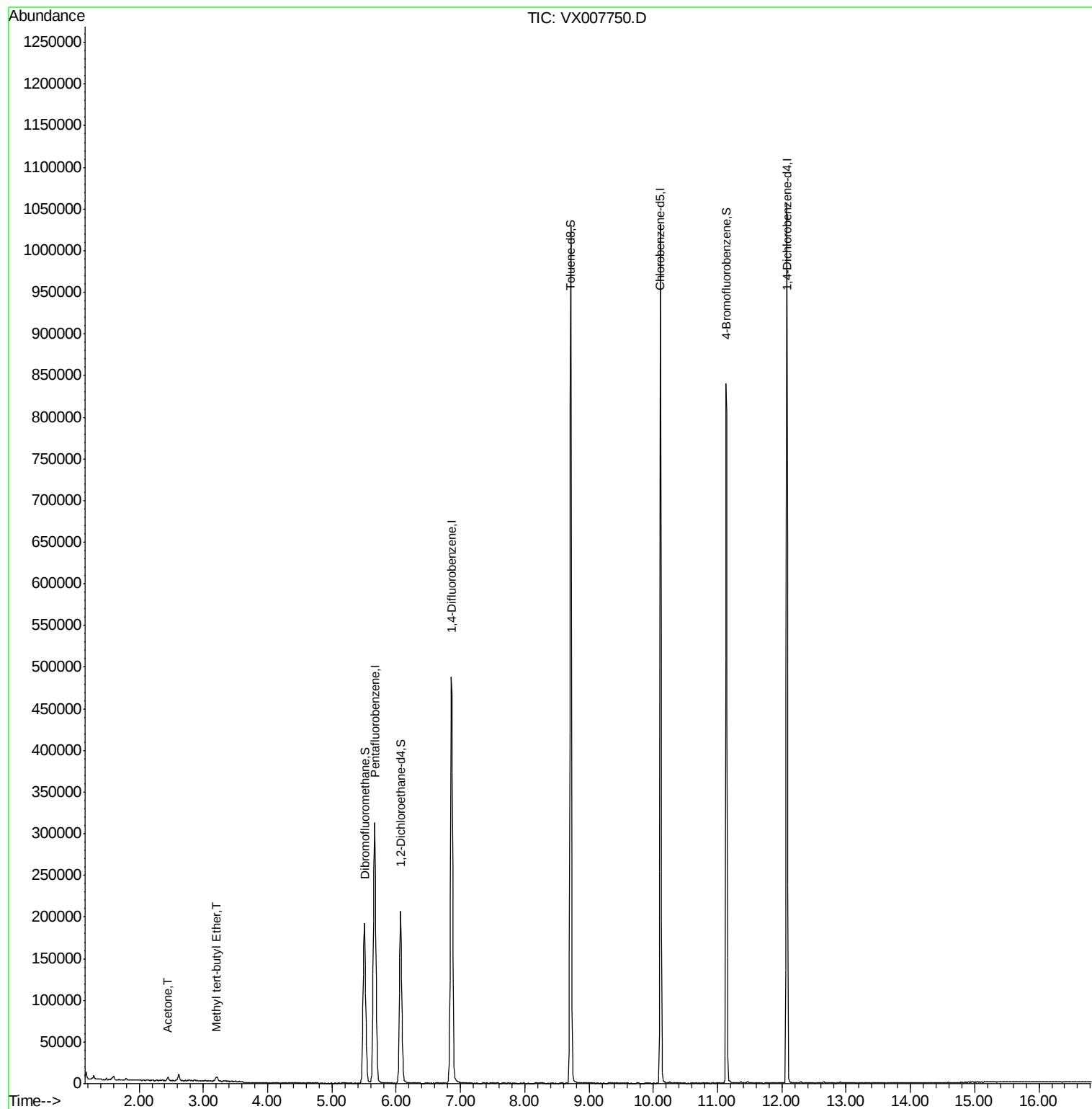
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195393	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	5.51	113	162506	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	611116	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.13	95	218878	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
16) Acetone	2.45	43	3787	2.154	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	5389	0.554	ug/l	95

(#) = 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: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

ClientSampleId :

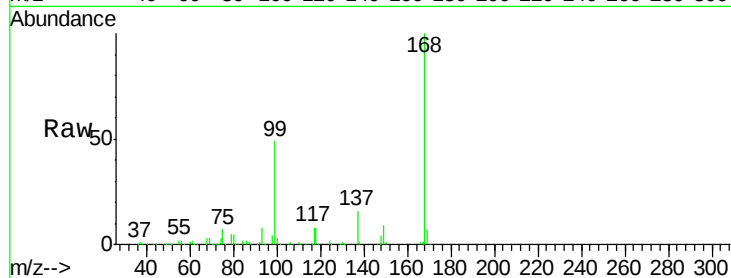
MW-5

Tot Ion:168 Resp: 319112

Ion Ratio Lower Upper

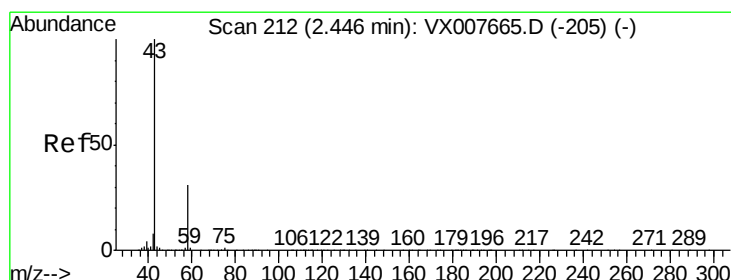
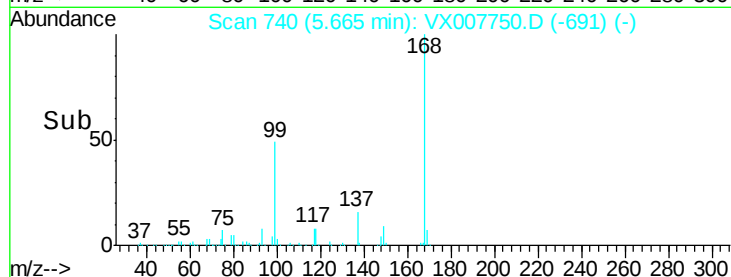
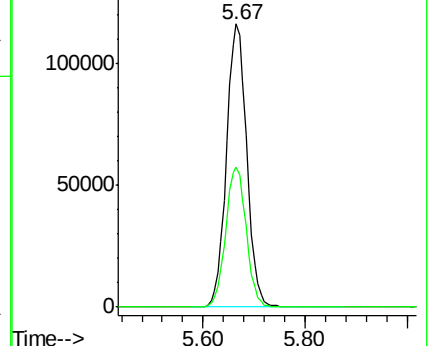
168 100

99 49.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.154 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007750.D

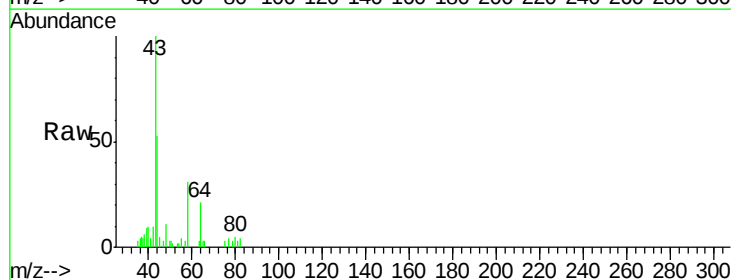
Acq: 27 Feb 2019 22:31

Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

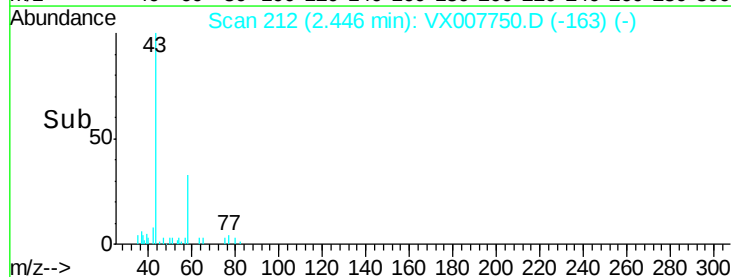
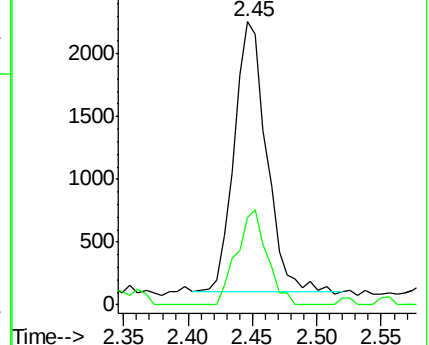
43 100

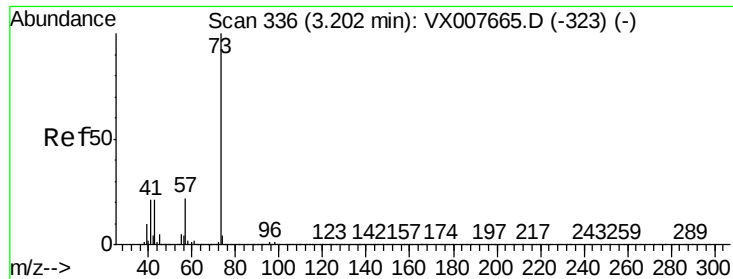
58 32.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

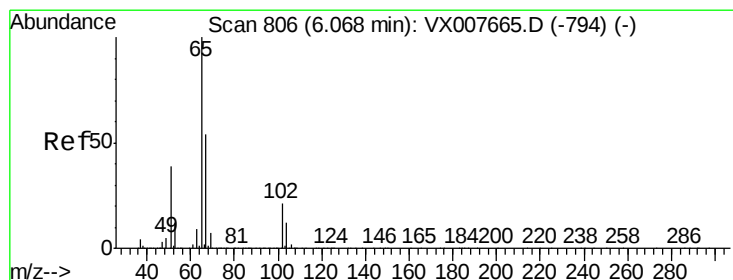
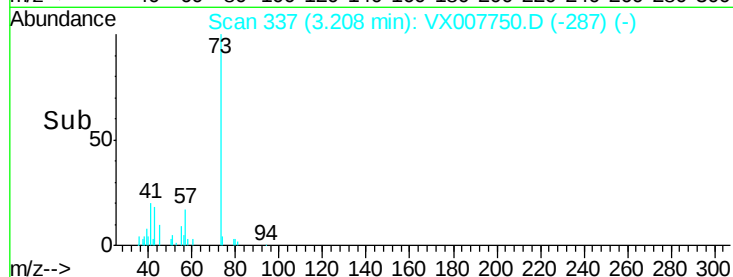
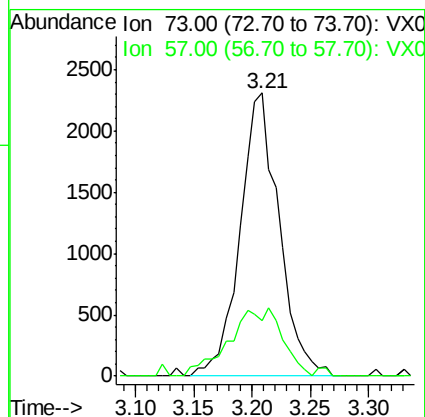
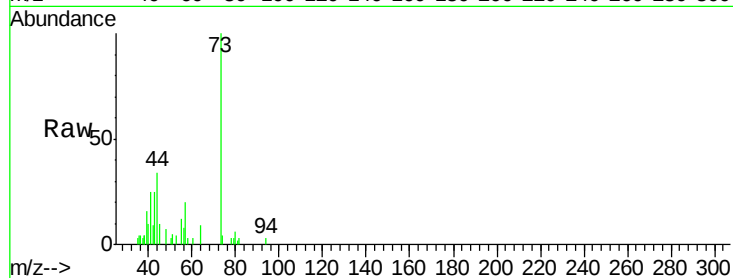




#19
Methvl tert-butvl Ether
Concen: 0.554 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

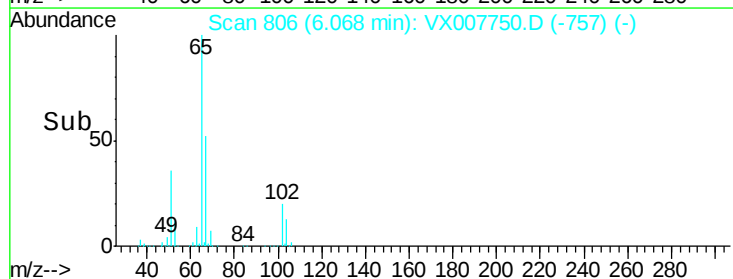
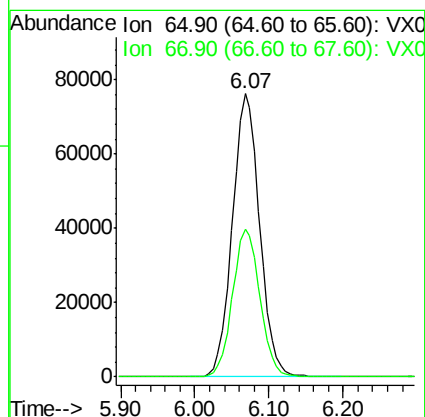
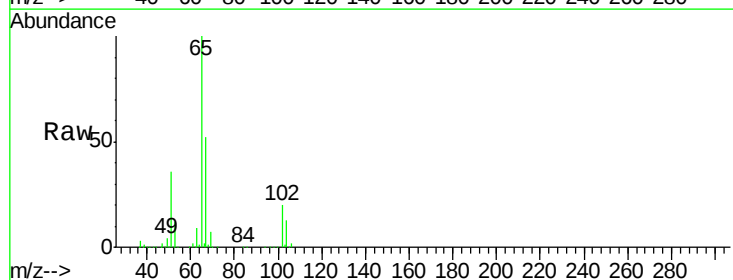
Instrument :
MSVOA_X
ClientSampled :
MW-5

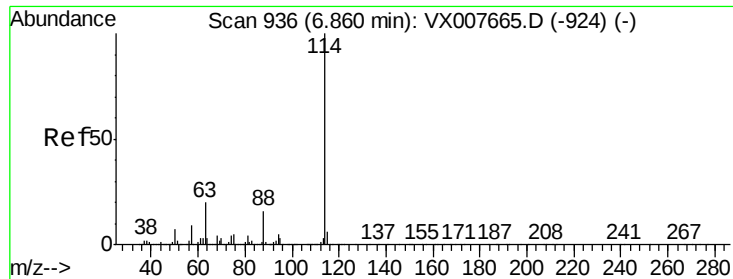
Tot Ion: 73 Resp: 5389
Ion Ratio Lower Upper
73 100
57 19.7 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 49.432 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

Tgt Ion: 65 Resp: 195393
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

Instrument :

MSVOA_X

ClientSampled :

MW-5

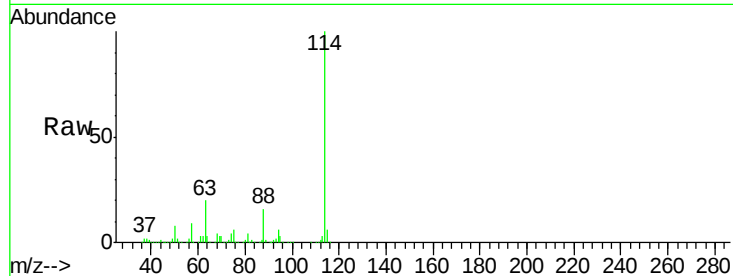
Tot Ion:114 Resp: 499064

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

88 15.7 0.0 29.6



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

250000

200000

150000

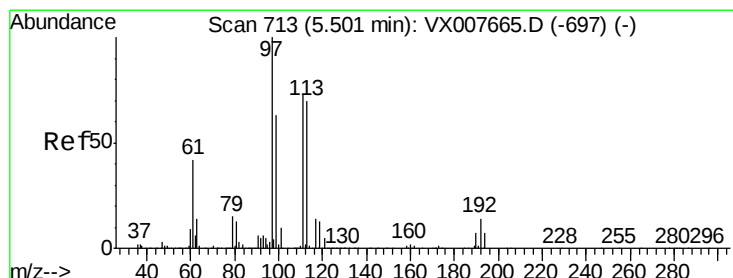
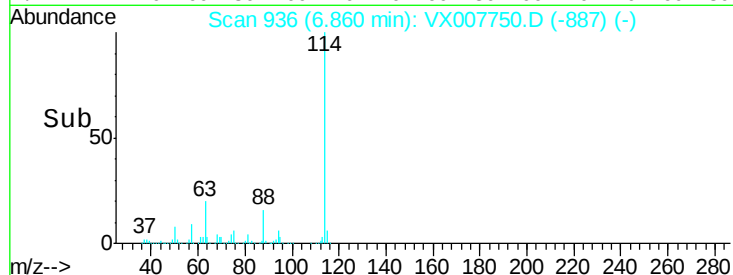
100000

50000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.712 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007750.D

Acq: 27 Feb 2019 22:31

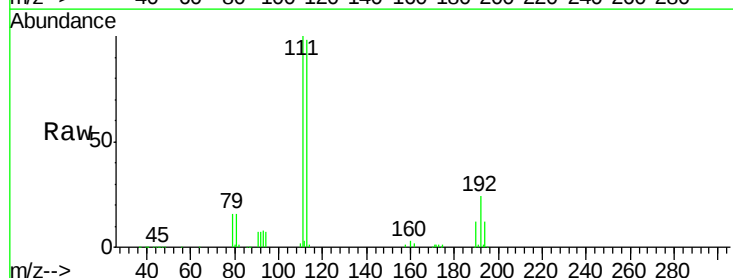
Tgt Ion:113 Resp: 162506

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

192 23.9 18.5 27.7



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

80000

60000

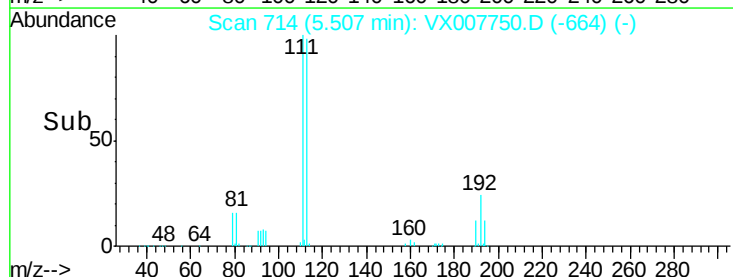
40000

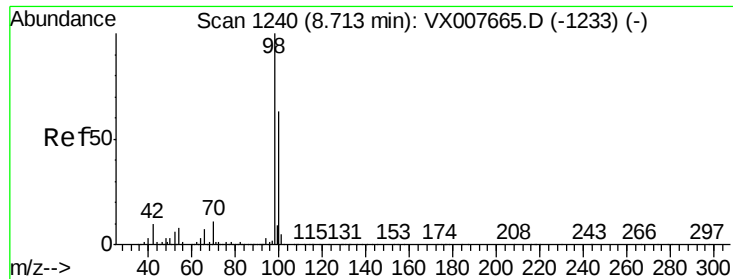
20000

0

5.40 5.50 5.60

Time-->

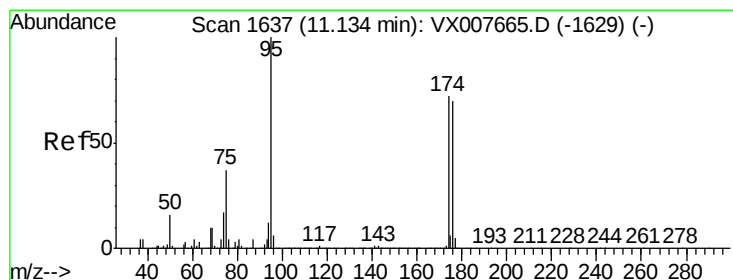
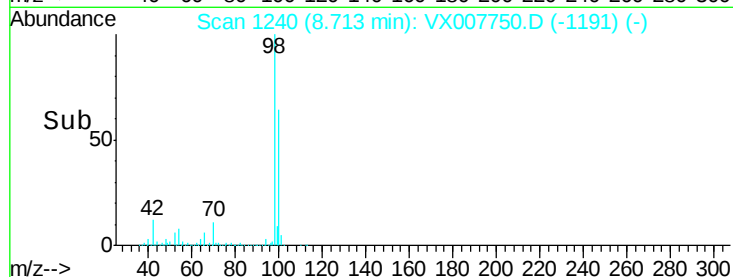
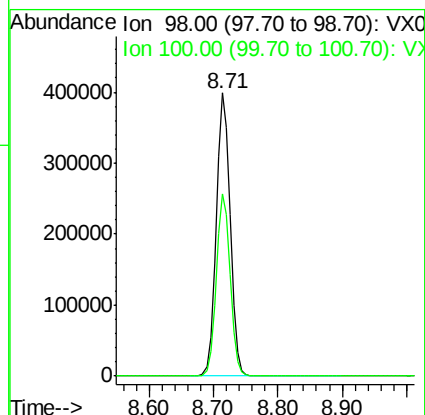
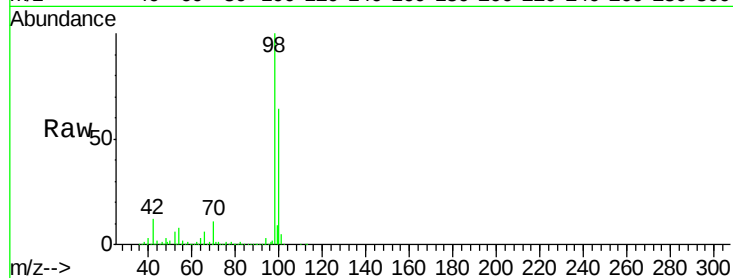




#50
Toluene-d8
Concen: 47.849 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

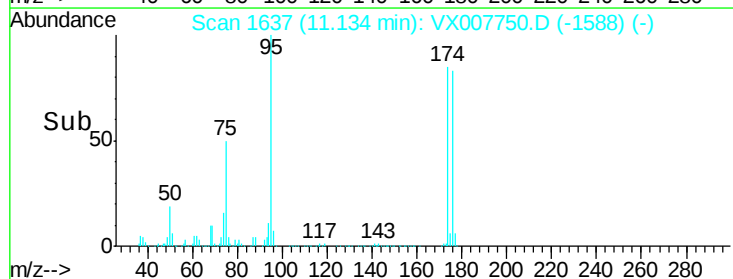
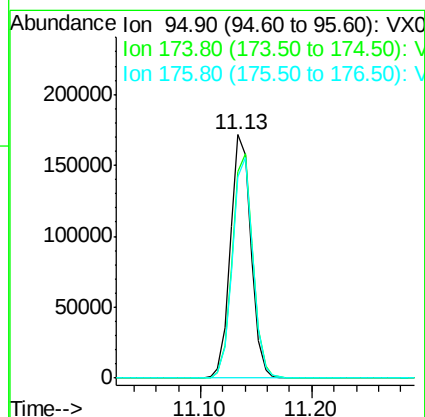
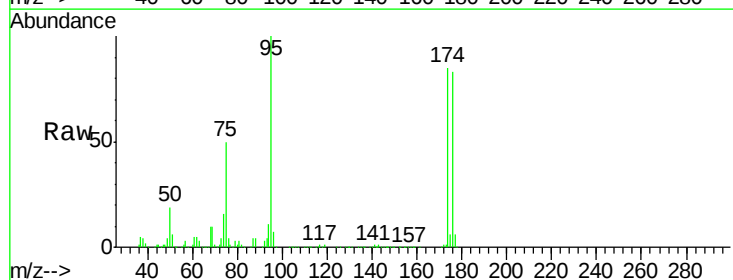
Instrument :
MSVOA_X
ClientSampled :
MW-5

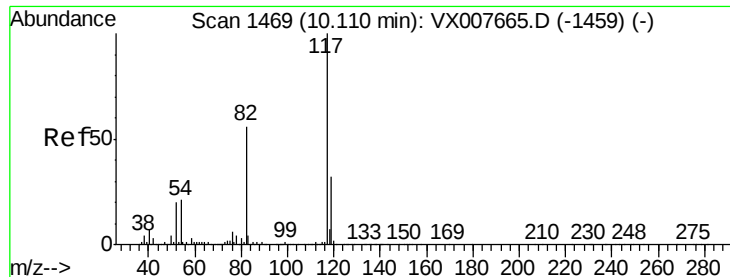
Tot Ion: 98 Resp: 611116
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.692 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

Tgt Ion: 95 Resp: 218878
Ion Ratio Lower Upper
95 100
174 91.7 0.0 189.2
176 89.8 0.0 186.2

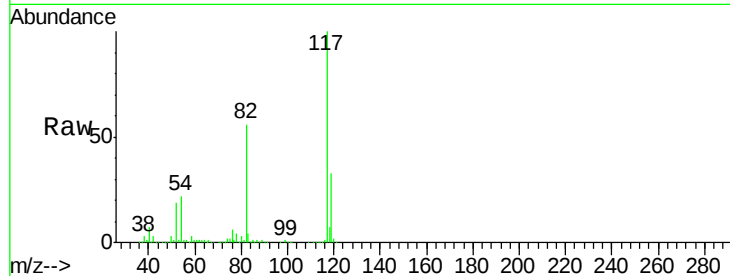




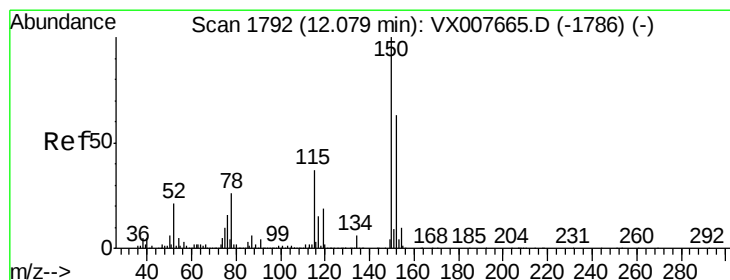
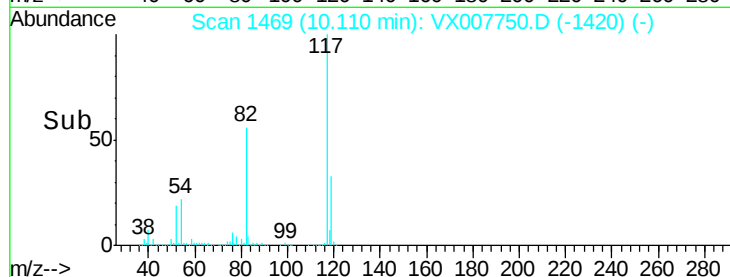
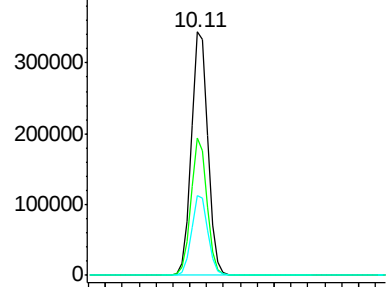
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion:117 Resp: 469644
Ion Ratio Lower Upper
117 100
82 56.4 42.1 63.1
119 32.6 26.5 39.7

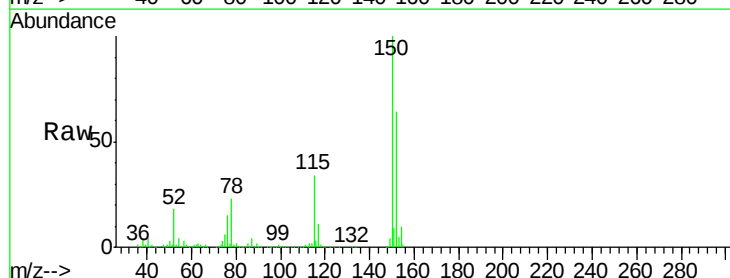


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007750.D
Acq: 27 Feb 2019 22:31

Tgt Ion:152 Resp: 226417
Ion Ratio Lower Upper
152 100
115 55.3 38.0 114.0
150 156.4 0.0 346.4



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

