

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007748.D
 Acq On : 27 Feb 2019 21:37
 Operator : JC/SP
 Sample : K1653-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Feb 28 04:52:31 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

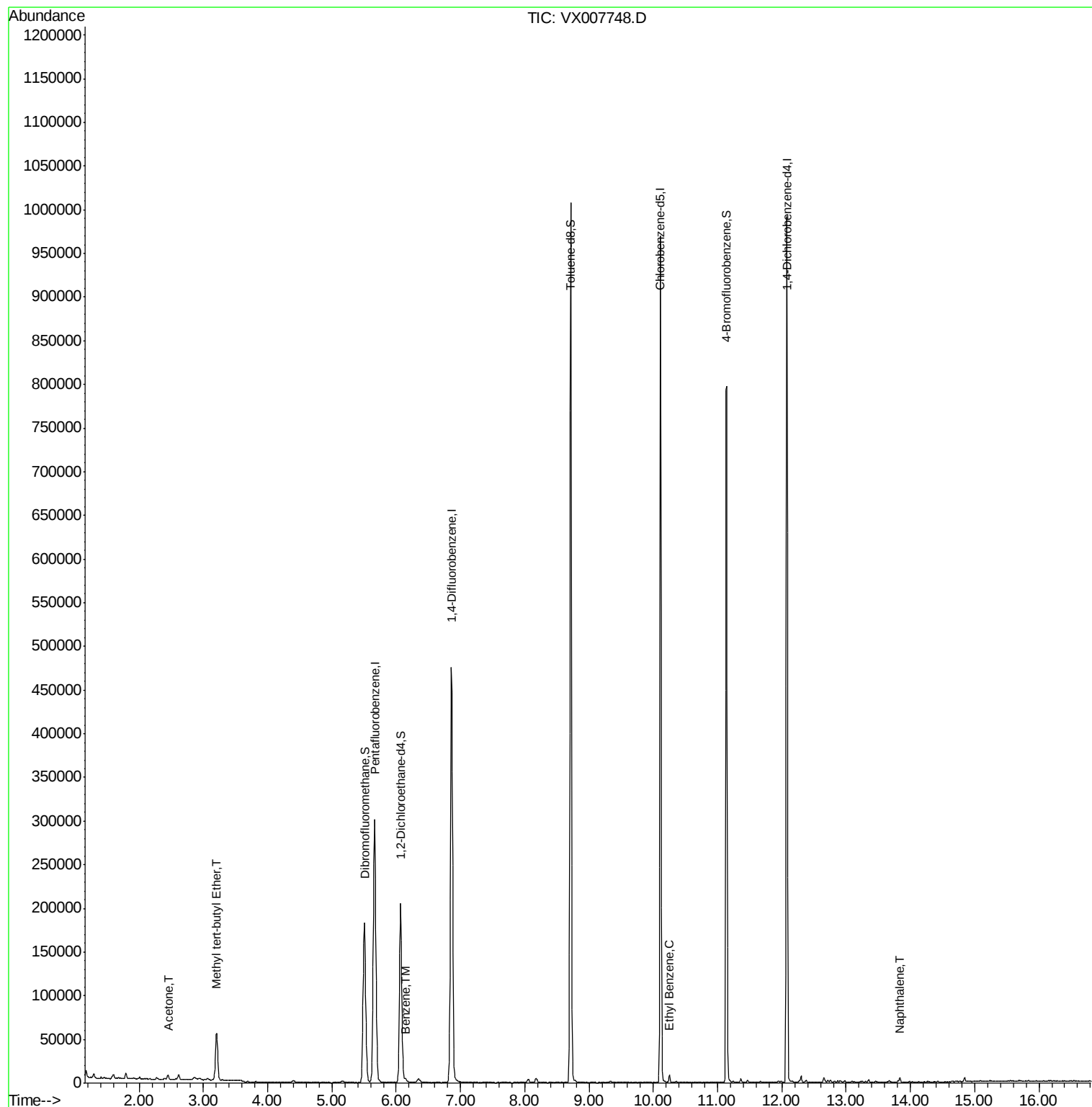
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188746	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.51	113	155179	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	589273	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.13	95	211815	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
16) Acetone	2.45	43	5600	3.287	ug/l	Qvalue 100
19) Methyl tert-butyl Ether	3.21	73	59498	6.315	ug/l	97
40) Benzene	6.14	78	4154	0.310	ug/l	98
67) Ethyl Benzene	10.25	91	4391	0.271	ug/l	99
95) Naphthalene	13.83	128	3081	0.216	ug/l	99

(#) = 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: VX007748.D

Acq: 27 Feb 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

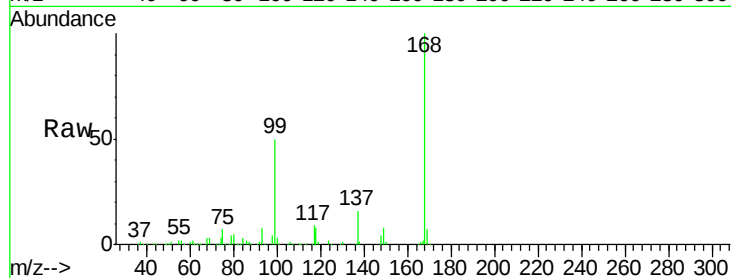
MW-3

Tot Ion:168 Resp: 309325

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

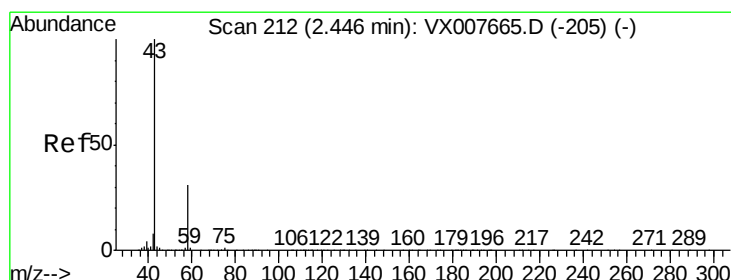
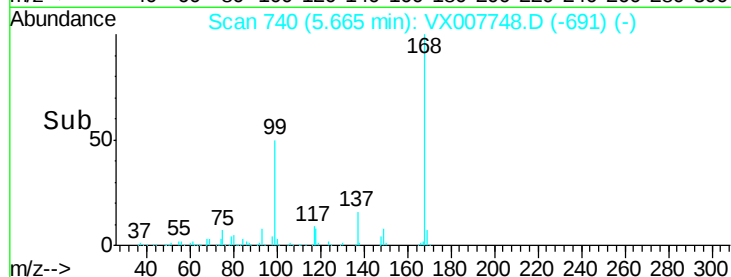
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.287 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007748.D

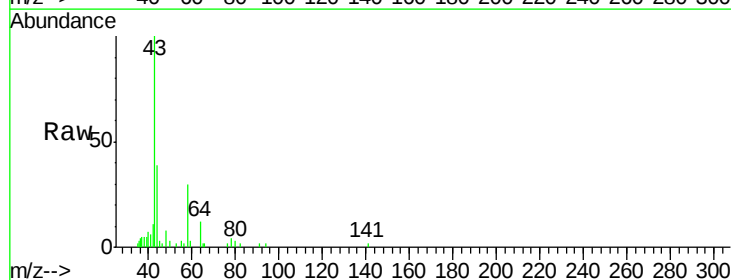
Acq: 27 Feb 2019 21:37

Tgt Ion: 43 Resp: 5600

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

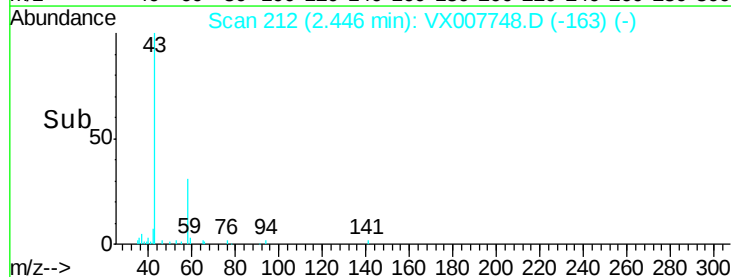
3000

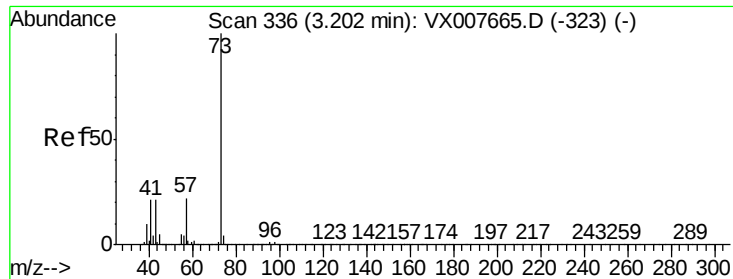
2000

1000

0

Time--> 2.40 2.45 2.50

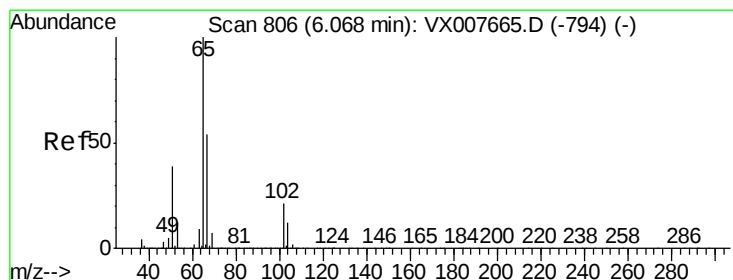
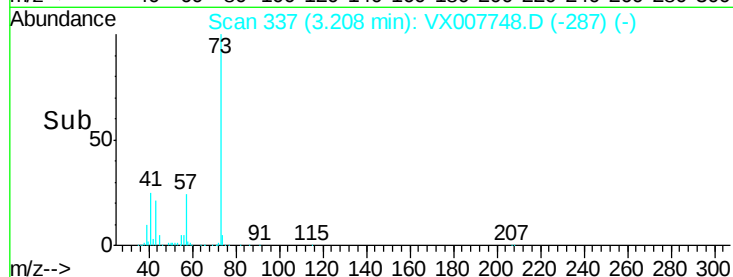
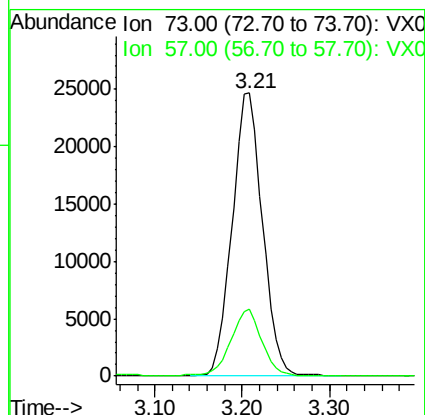
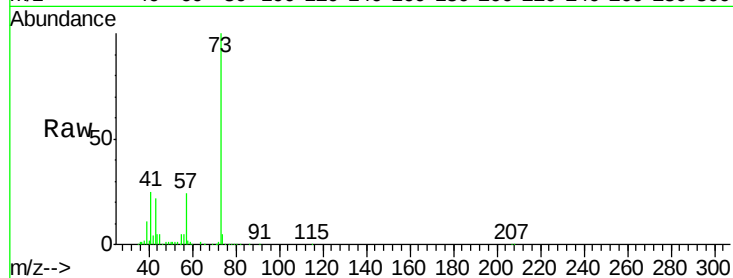




#19
Methvl tert-butvl Ether
Concen: 6.315 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007748.D
Acq: 27 Feb 2019 21:37

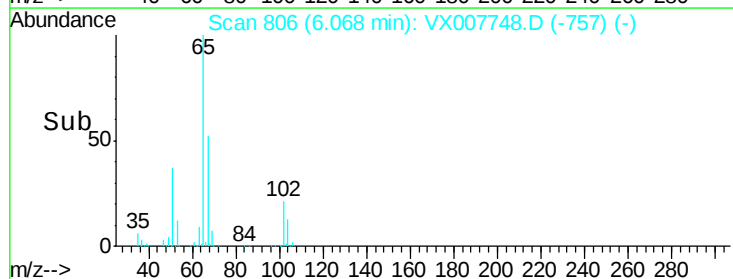
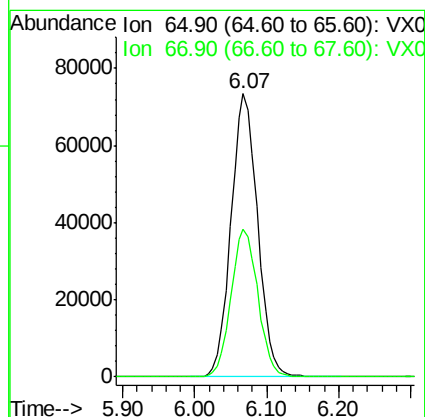
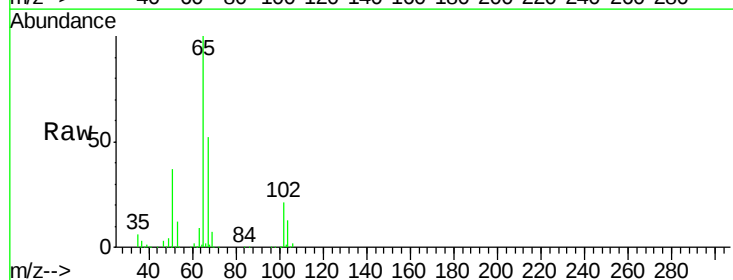
Instrument :
MSVOA_X
ClientSampled :
MW-3

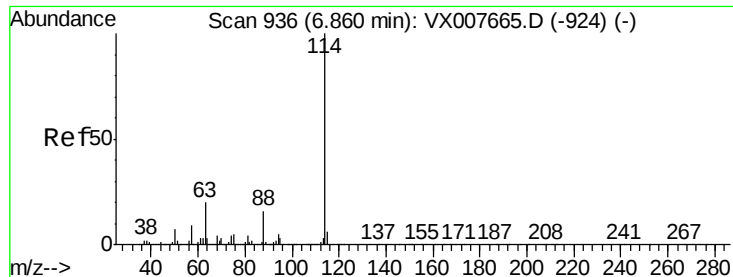
Tot Ion: 73 Resp: 59498
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 49.261 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007748.D
Acq: 27 Feb 2019 21:37

Tgt Ion: 65 Resp: 188746
Ion Ratio Lower Upper
65 100
67 52.7 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: VX007748.D

Acq: 27 Feb 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

MW-3

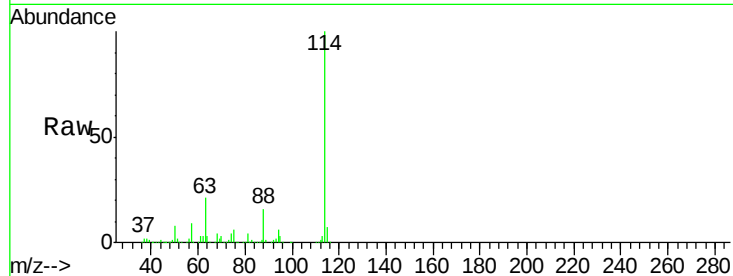
Tot Ion:114 Resp: 483398

Ion Ratio Lower Upper

114 100

63 20.7 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

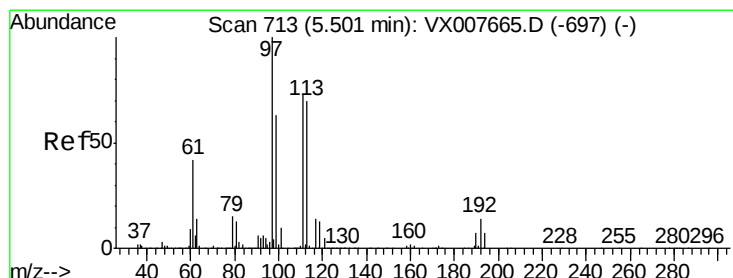
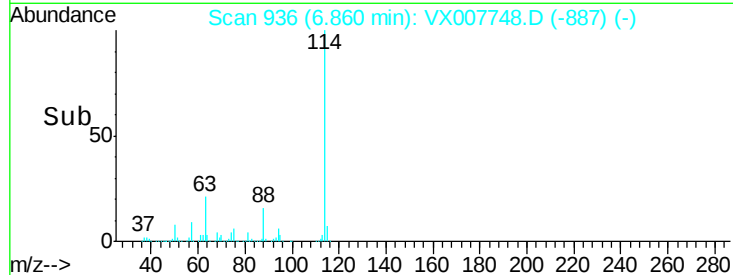
100000

50000

0

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 48.023 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007748.D

Acq: 27 Feb 2019 21:37

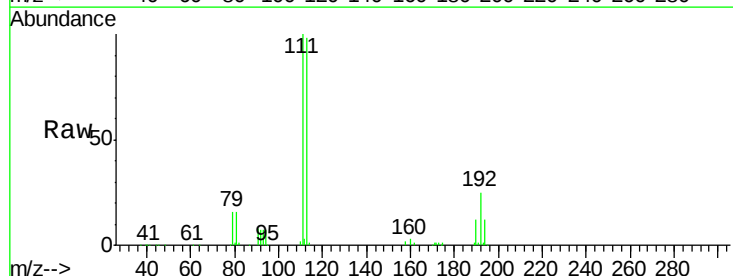
Tgt Ion:113 Resp: 155179

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 24.3 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

60000

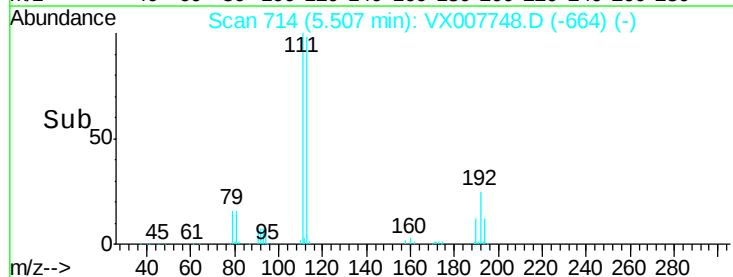
40000

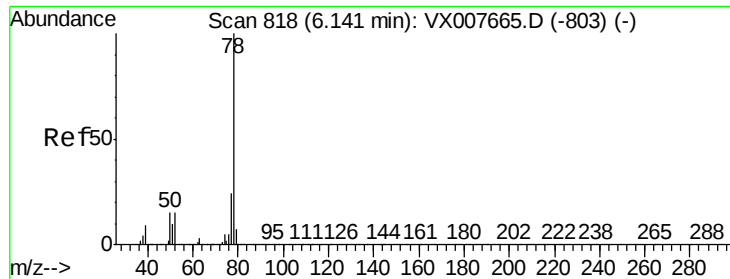
20000

0

5.40 5.50 5.60

Time-->





#40

Benzene

Concen: 0.310 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007748.D

Acq: 27 Feb 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

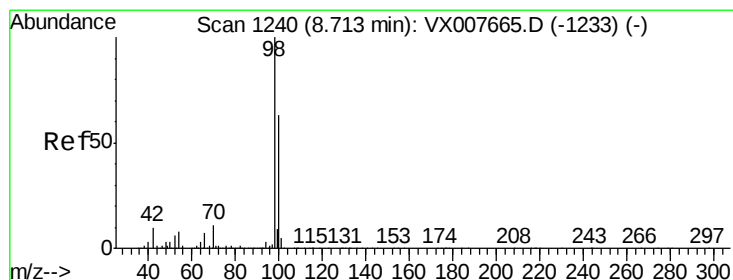
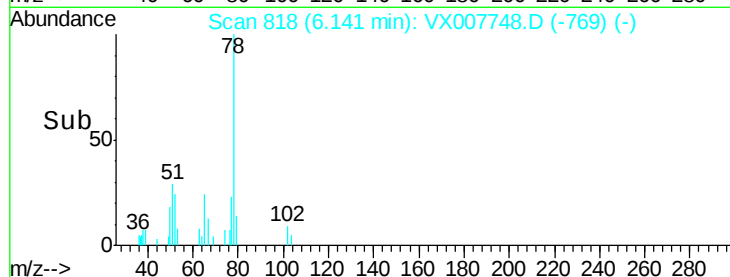
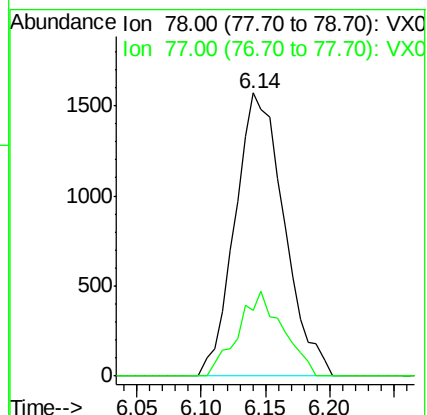
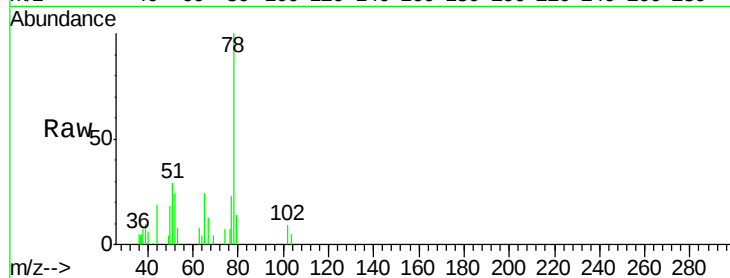
MW-3

Tot Ion: 78 Resp: 4154

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9



#50

Toluene-d8

Concen: 47.634 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007748.D

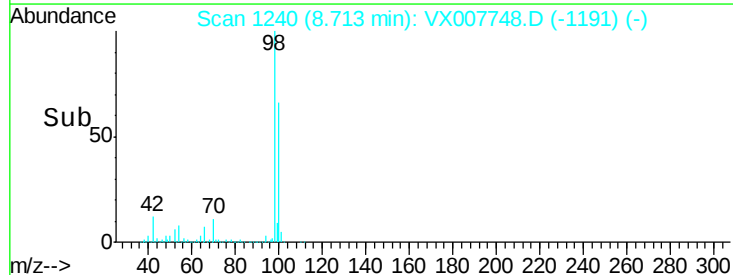
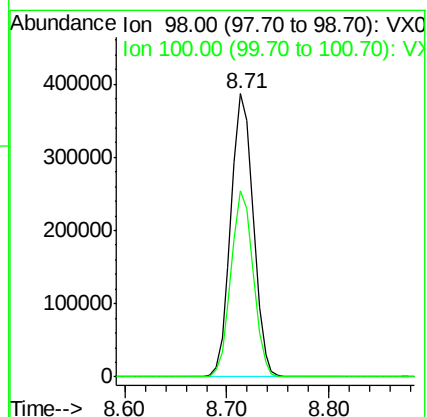
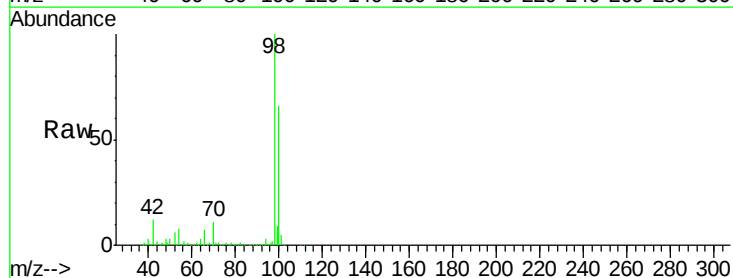
Acq: 27 Feb 2019 21:37

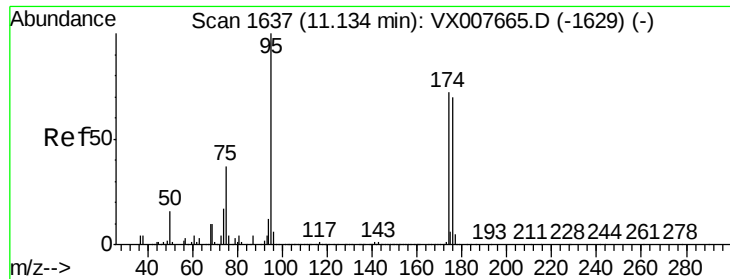
Tgt Ion: 98 Resp: 589273

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

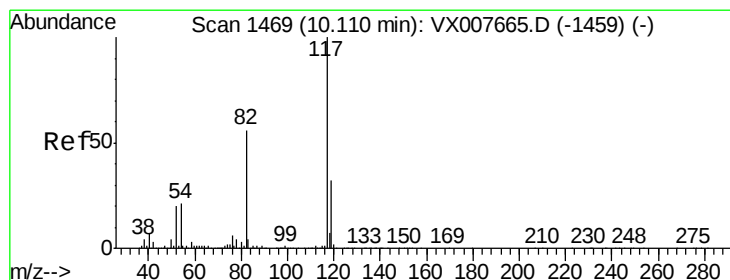
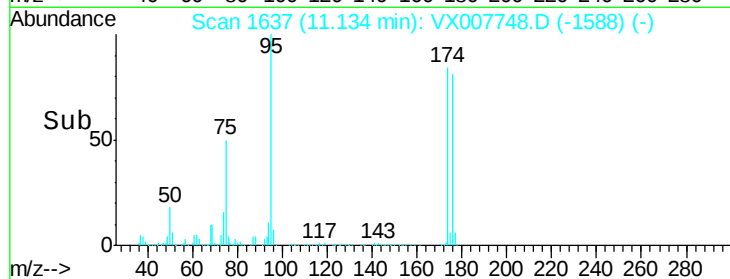
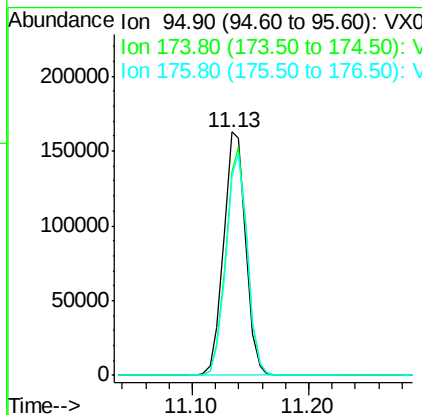
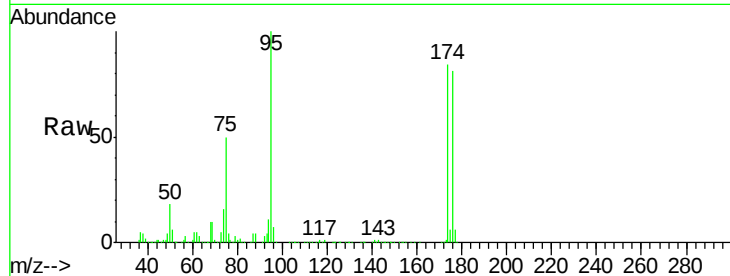




#62
 4-Bromofluorobenzene
 Concen: 46.650 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007748.D
 Acq: 27 Feb 2019 21:37

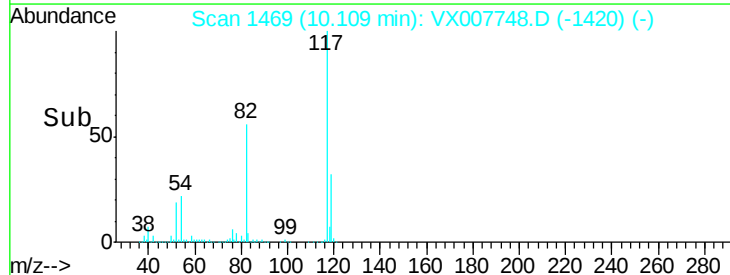
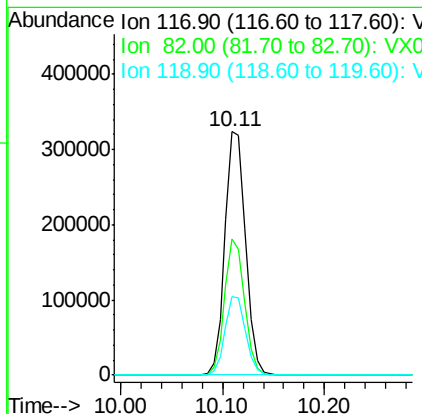
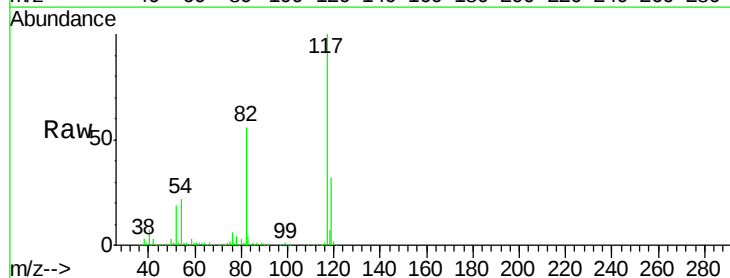
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

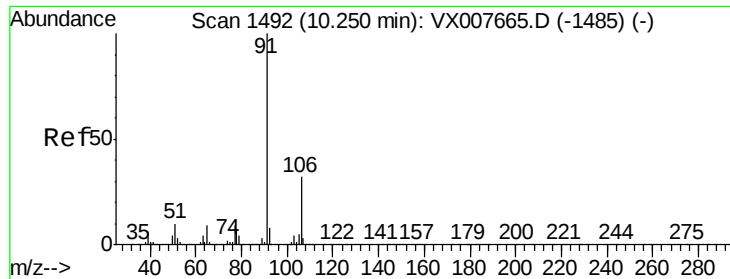
Tot Ion: 95 Resp: 211815
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 189.2
 176 88.4 0.0 186.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007748.D
 Acq: 27 Feb 2019 21:37

Tgt Ion: 117 Resp: 453012
 Ion Ratio Lower Upper
 117 100
 82 55.8 42.1 63.1
 119 32.2 26.5 39.7

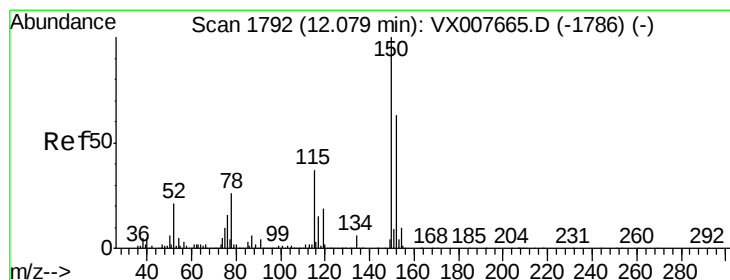
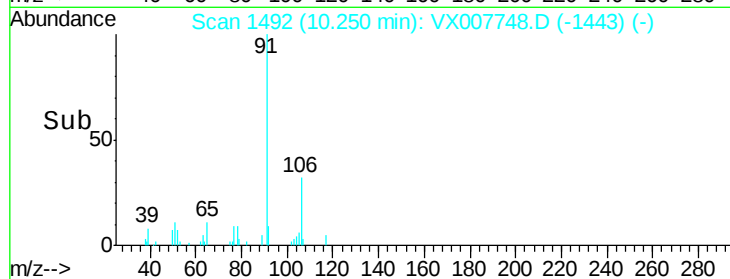
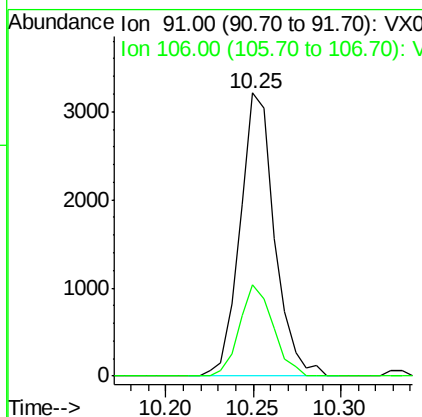
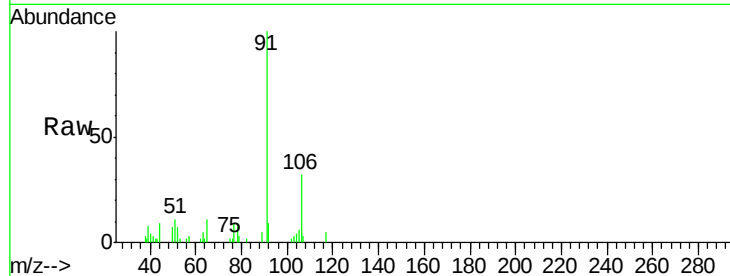




#67
Ethyl Benzene
Concen: 0.271 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007748.D
Acq: 27 Feb 2019 21:37

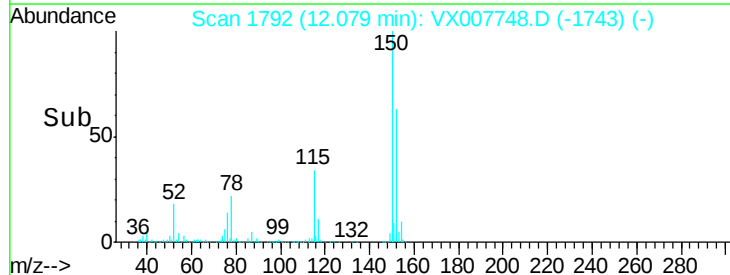
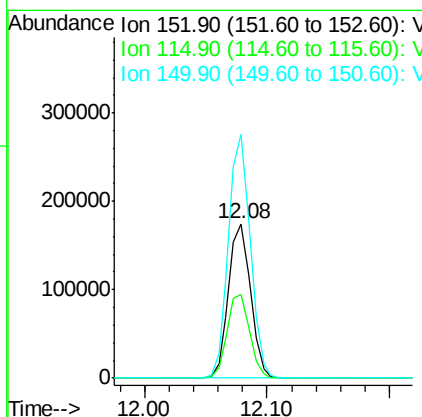
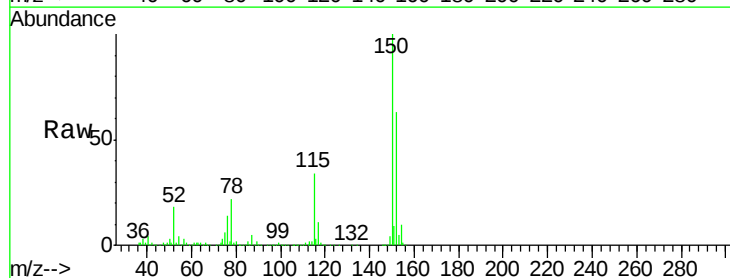
Instrument :
MSVOA_X
ClientSampled :
MW-3

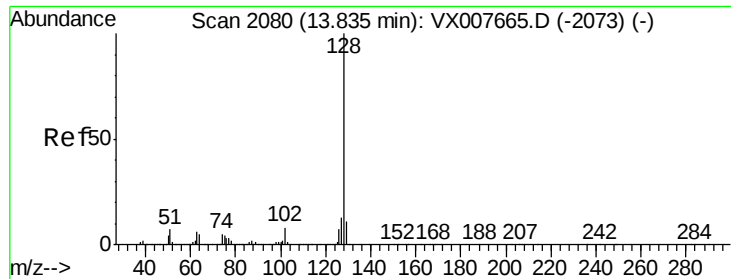
Tot Ion: 91 Resp: 4391
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007748.D
Acq: 27 Feb 2019 21:37

Tgt Ion: 152 Resp: 216779
Ion Ratio Lower Upper
152 100
115 55.1 38.0 114.0
150 156.8 0.0 346.4





#95

Naphthalene

Concen: 0.216 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007748.D

Acq: 27 Feb 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:128 Resp: 3081

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.8 8.7 13.1

