

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007796.D
 Acq On : 01 Mar 2019 18:06
 Operator : JC/SP
 Sample : K1701-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T4A-UV(PRE)

Quant Time: Mar 01 23:15:27 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

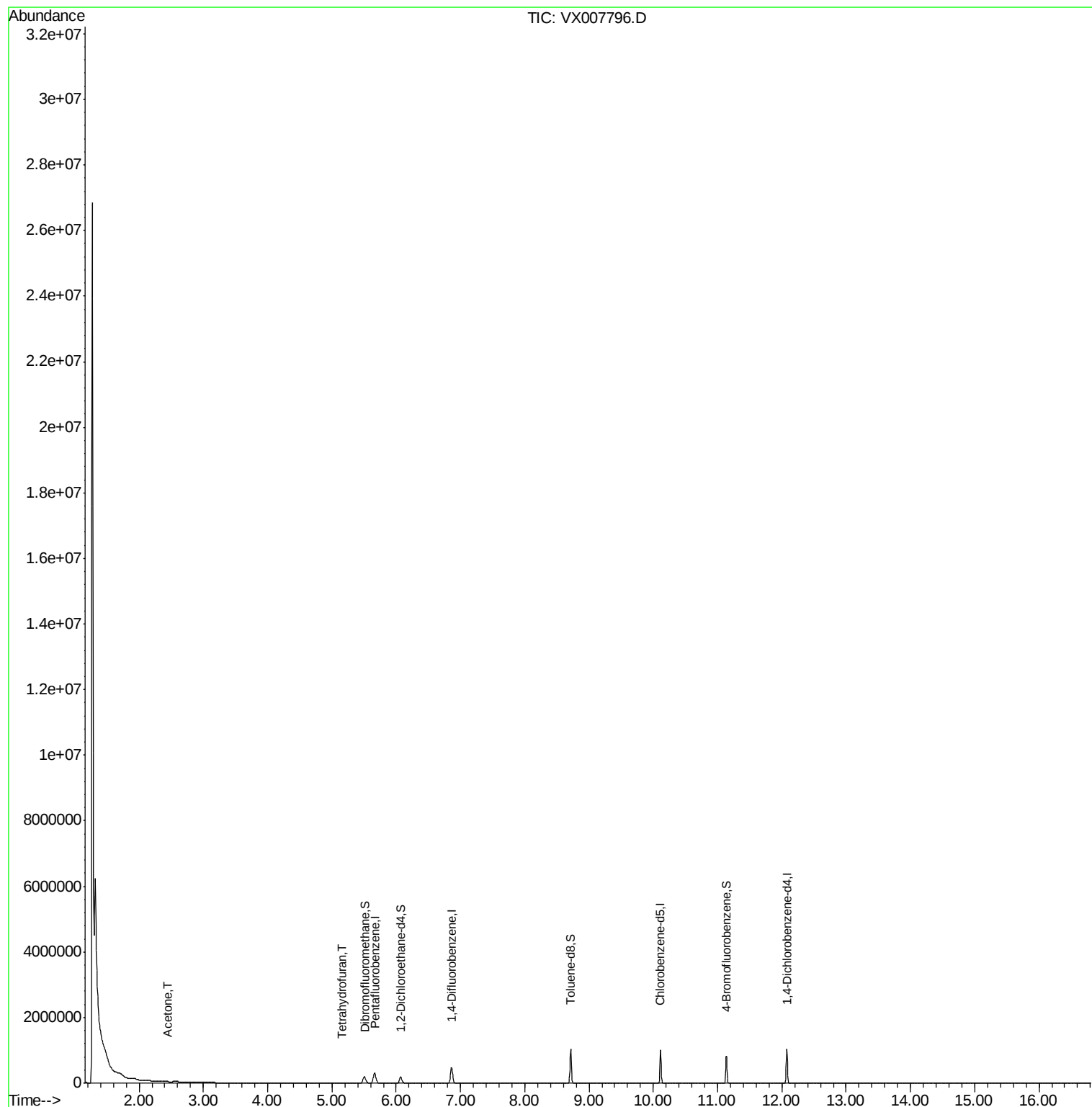
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	470758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183366	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
35) Dibromofluoromethane	5.51	113	167950	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	8.71	98	608223	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	217864	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
16) Acetone	2.45	43	2783	1.563	ug/l	99
29) Tetrahydrofuran	5.16	42	3978	2.225	ug/l	91

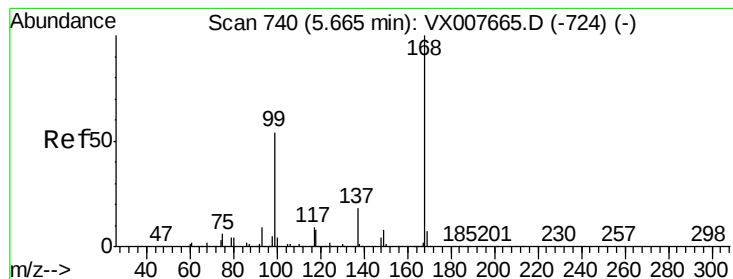
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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Acq: 01 Mar 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

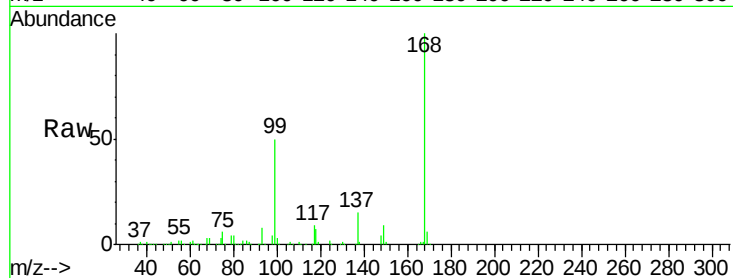
M2-T4A-UV(PRE)

Tot Ion:168 Resp: 323184

Ion Ratio Lower Upper

168 100

99 49.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

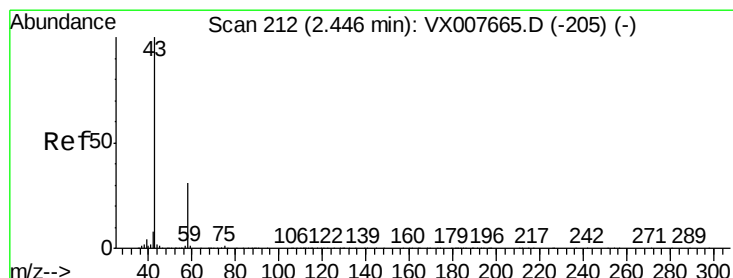
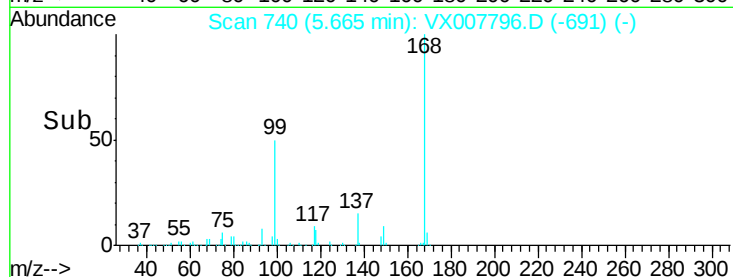
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 1.563 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007796.D

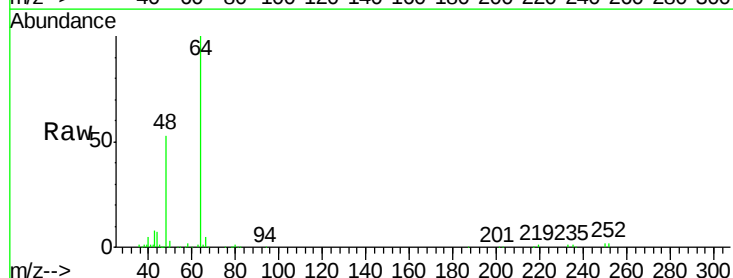
Acq: 01 Mar 2019 18:06

Tgt Ion: 43 Resp: 2783

Ion Ratio Lower Upper

43 100

58 30.4 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

2000

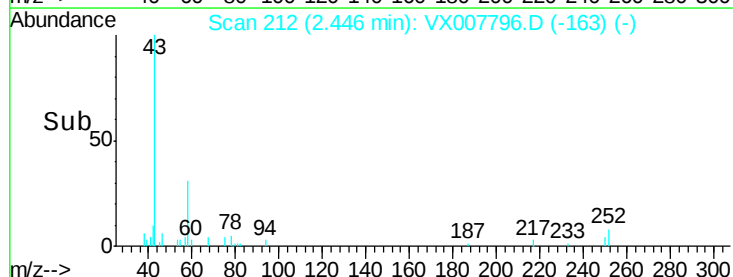
1500

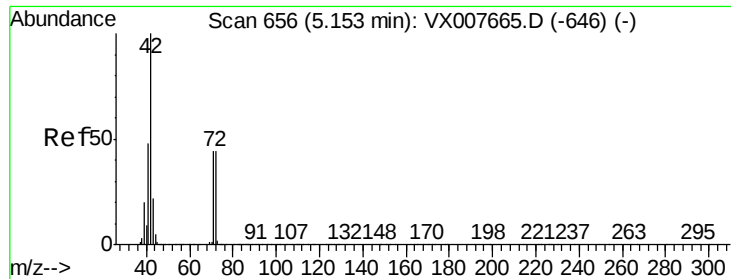
1000

500

0

Time-->





#29

Tetrahydrofuran

Concen: 2.225 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007796.D

Acq: 01 Mar 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

M2-T4A-UV(PRE)

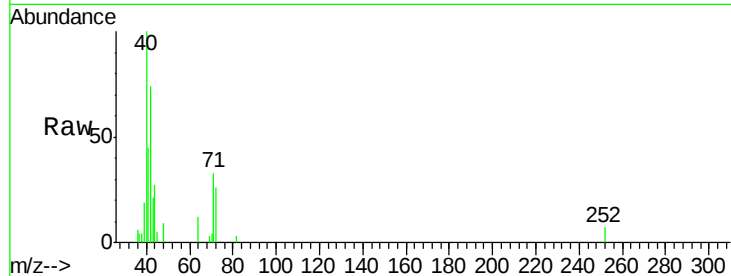
Tot Ion: 42 Resp: 3978

Ion Ratio Lower Upper

42 100

72 38.2 37.6 56.4

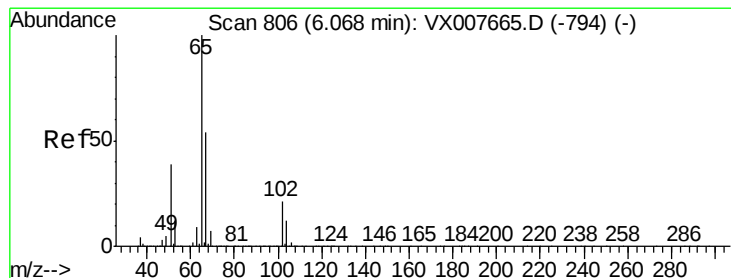
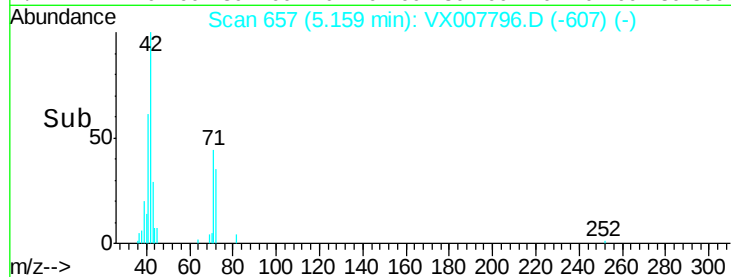
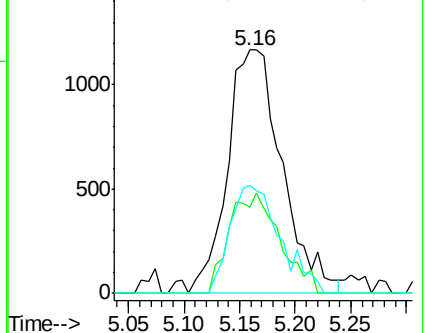
71 40.7 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.805 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007796.D

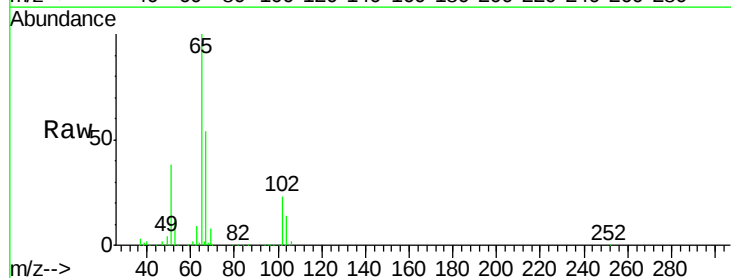
Acq: 01 Mar 2019 18:06

Tgt Ion: 65 Resp: 183366

Ion Ratio Lower Upper

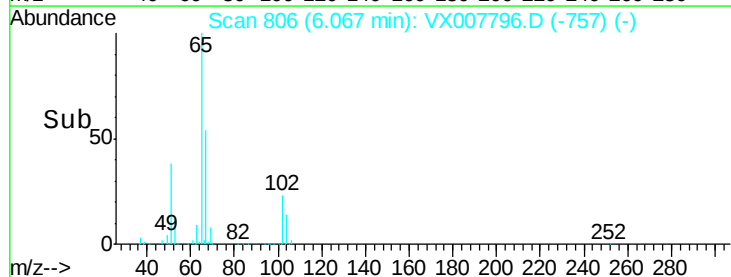
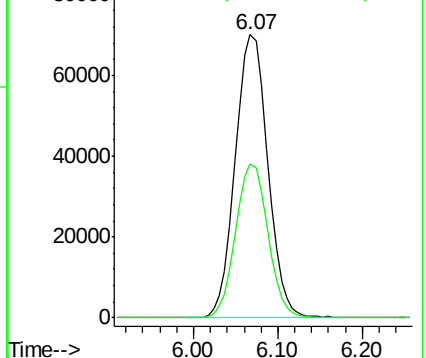
65 100

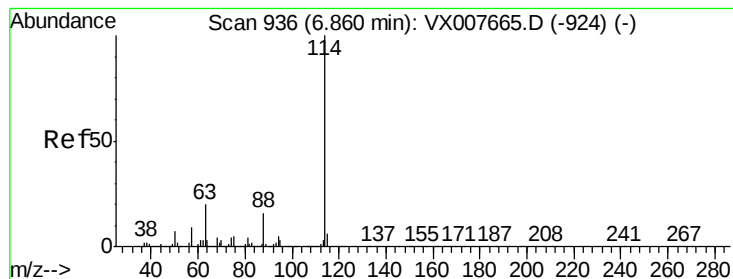
67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007796.D

Acq: 01 Mar 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

M2-T4A-UV(PRE)

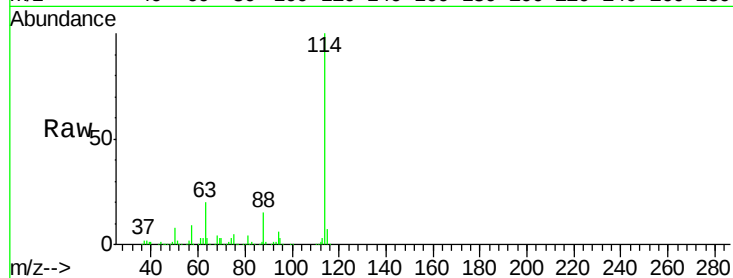
Tot Ion:114 Resp: 500851

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

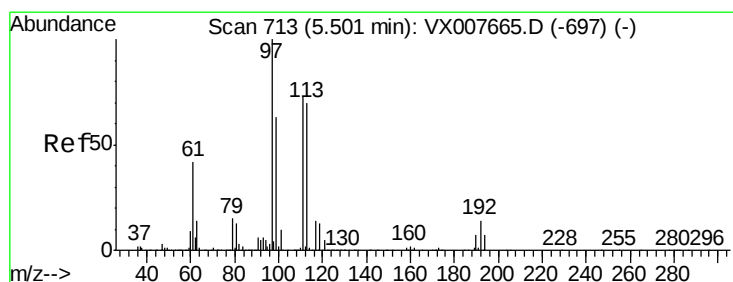
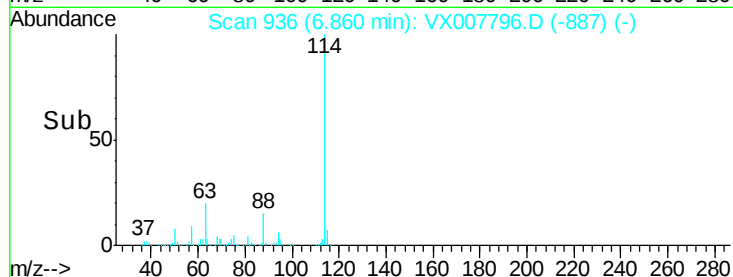
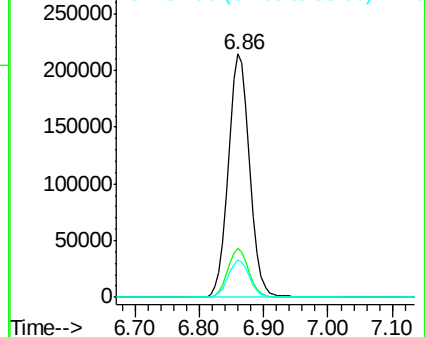
88 15.2 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 50.164 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007796.D

Acq: 01 Mar 2019 18:06

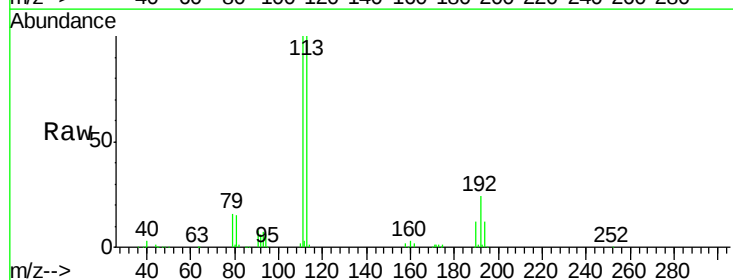
Tgt Ion:113 Resp: 167950

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

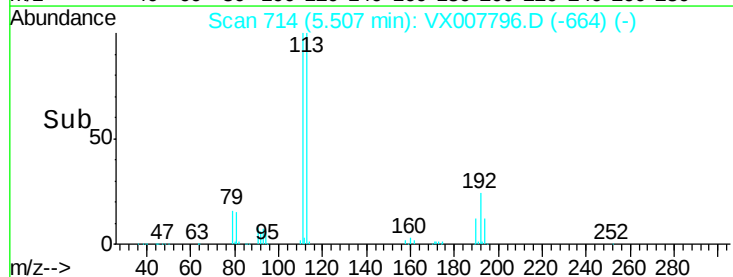
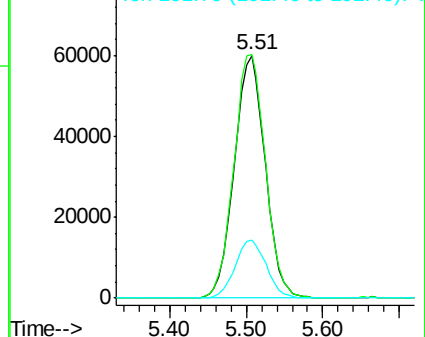
192 24.1 18.5 27.7

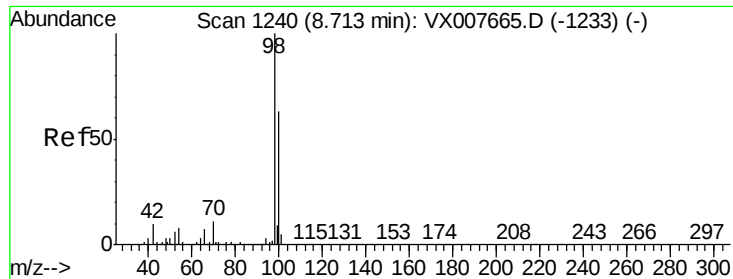


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.452 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007796.D

Acq: 01 Mar 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

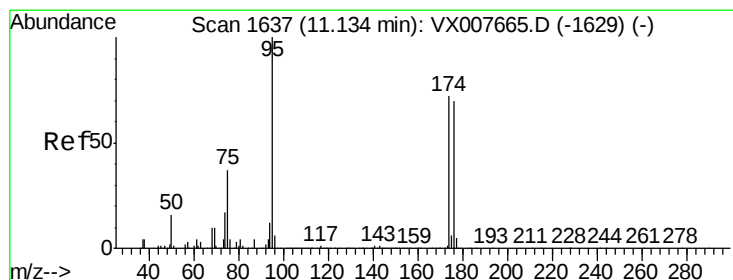
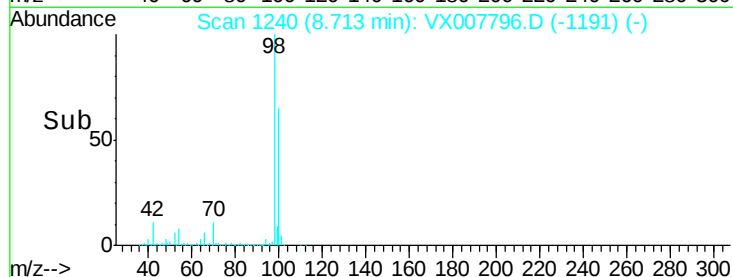
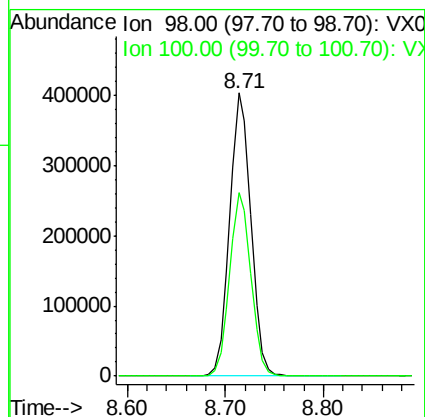
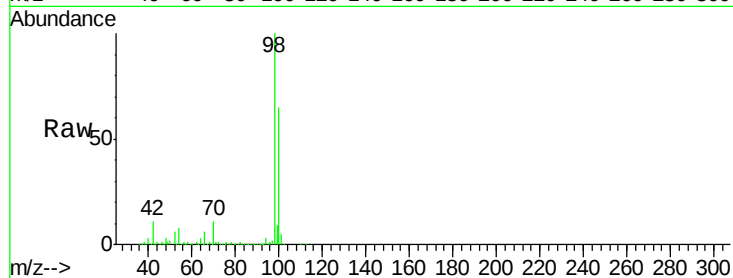
M2-T4A-UV(PRE)

Tot Ion: 98 Resp: 608223

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.310 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007796.D

Acq: 01 Mar 2019 18:06

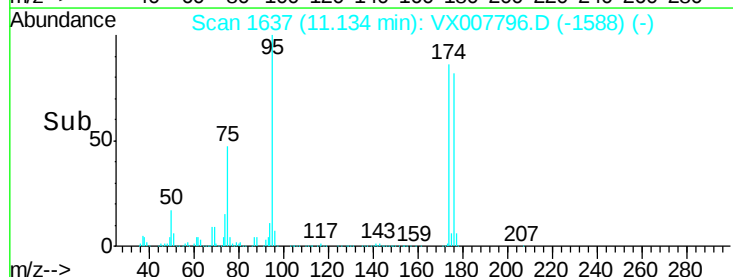
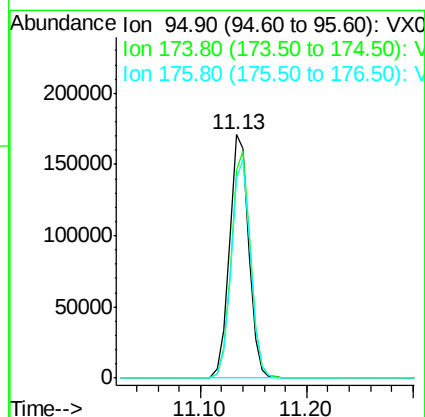
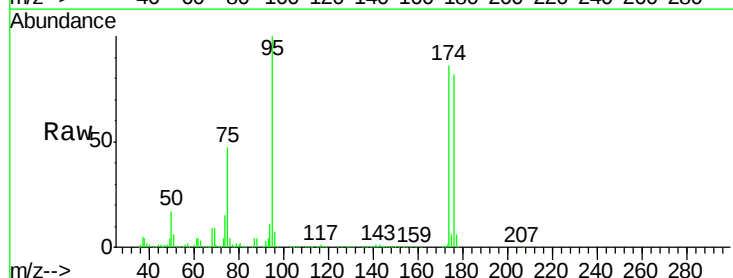
Tgt Ion: 95 Resp: 217864

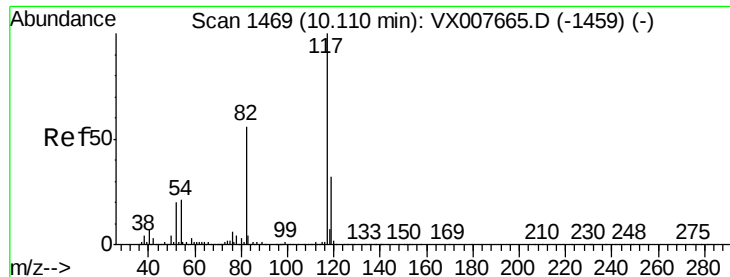
Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

176 89.3 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: VX007796.D

Acq: 01 Mar 2019 18:06

Instrument :

MSVOA_X

ClientSampleId :

M2-T4A-UV(PRE)

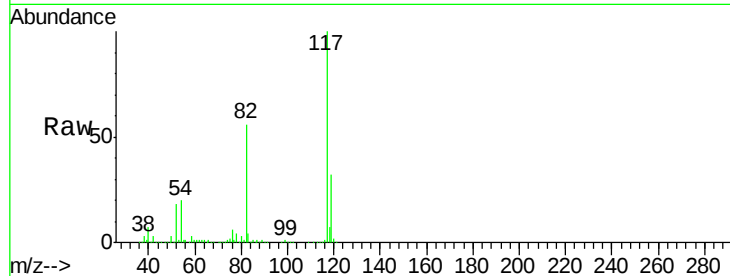
Tot Ion:117 Resp: 470758

Ion Ratio Lower Upper

117 100

82 56.0 42.1 63.1

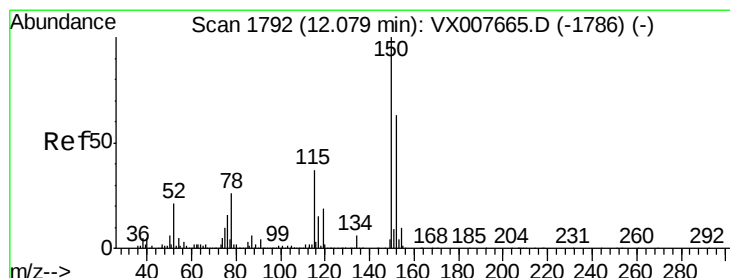
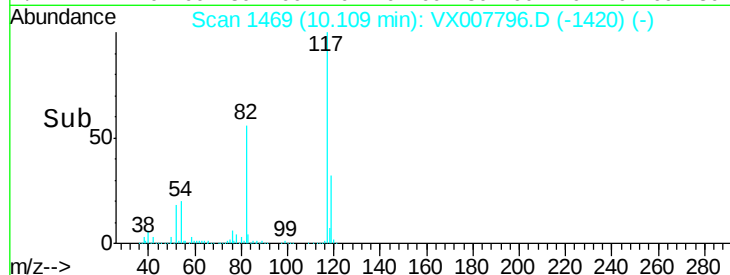
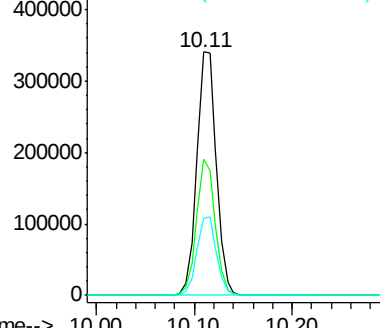
119 31.8 26.5 39.7



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: VX007796.D

Acq: 01 Mar 2019 18:06

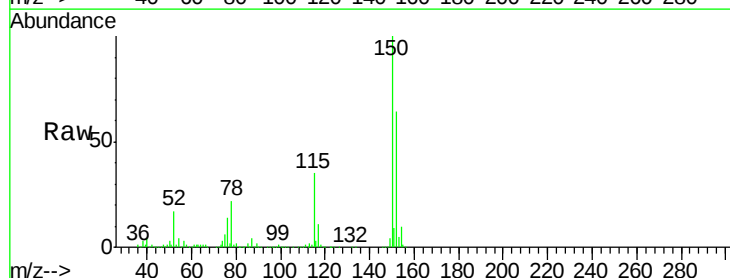
Tgt Ion:152 Resp: 221218

Ion Ratio Lower Upper

152 100

115 55.3 38.0 114.0

150 155.5 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

