

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007723.D
 Acq On : 26 Feb 2019 19:32
 Operator : JC/SP
 Sample : K1631-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z31W

Quant Time: Feb 27 00:49:18 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

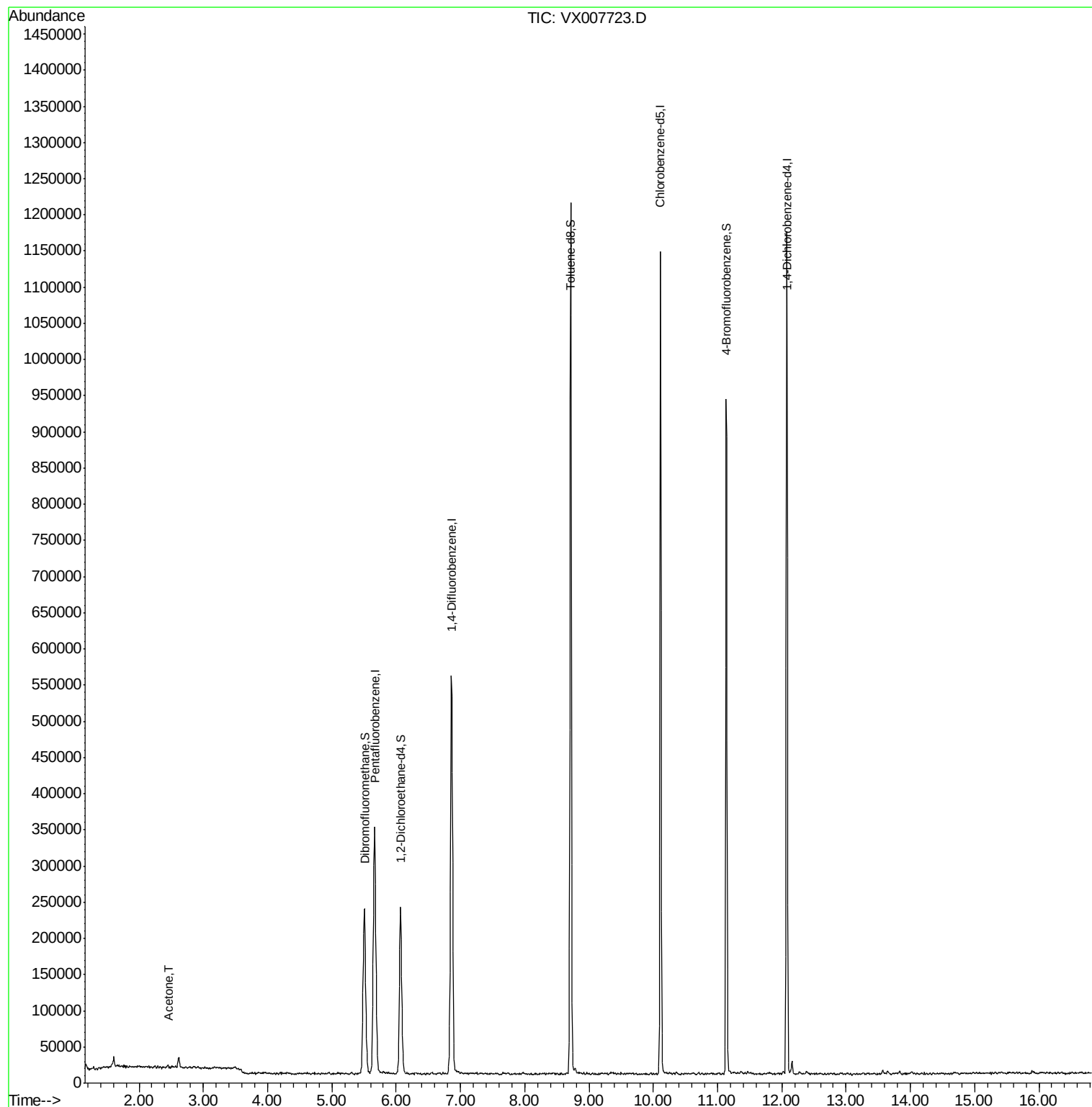
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	577203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	541310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213192	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	5.51	113	193986	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	706330	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	239820	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	2.45	43	4906	2.640	ug/l	Qvalue 94

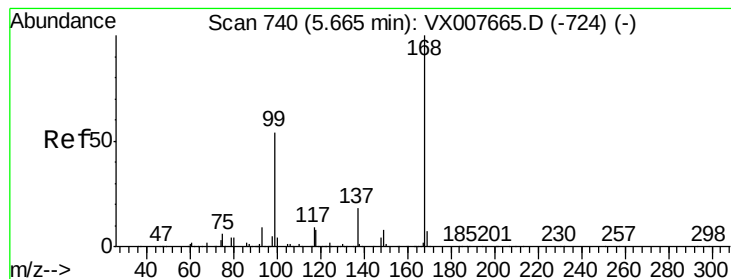
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007723.D

Acq: 26 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

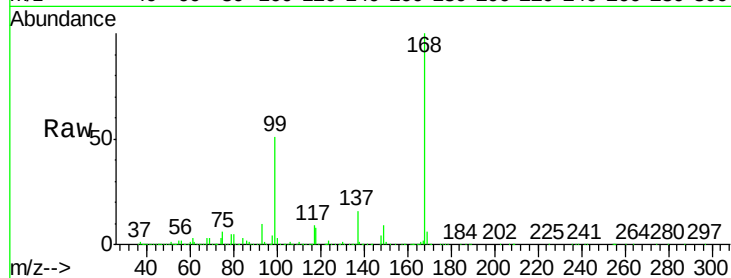
Z31W

Tot Ion:168 Resp: 337375

Ion Ratio Lower Upper

168 100

99 50.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

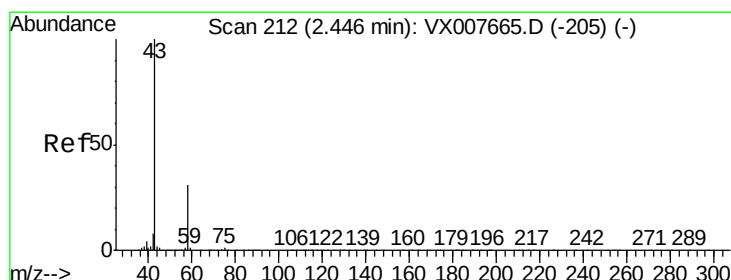
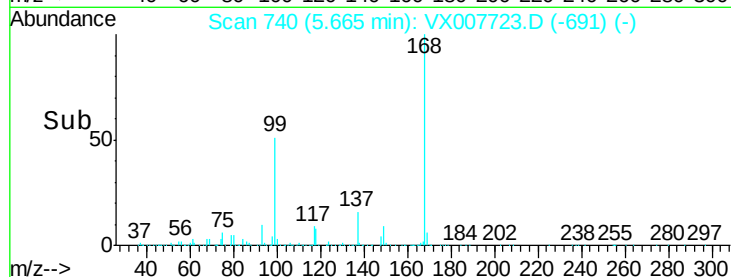
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 2.640 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007723.D

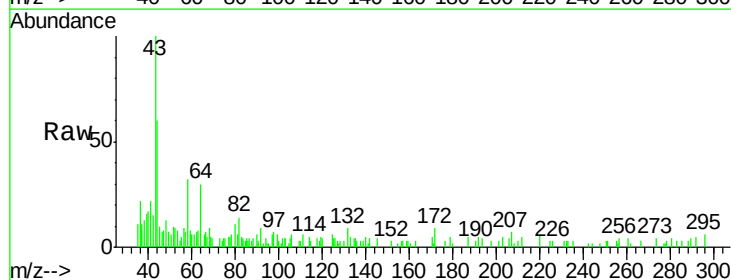
Acq: 26 Feb 2019 19:32

Tgt Ion: 43 Resp: 4906

Ion Ratio Lower Upper

43 100

58 27.8 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

2500

2000

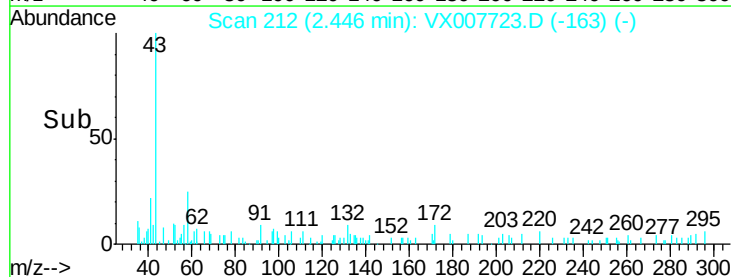
1500

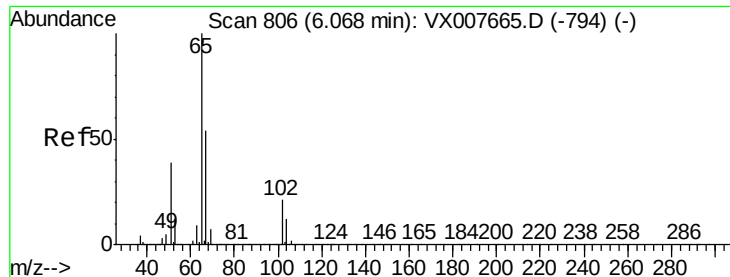
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.015 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007723.D

Acq: 26 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

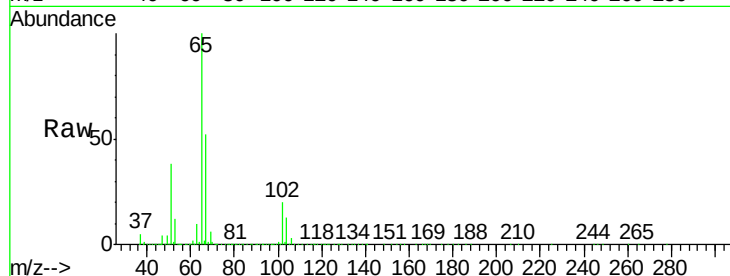
Z31W

Tot Ion: 65 Resp: 213192

Ion Ratio Lower Upper

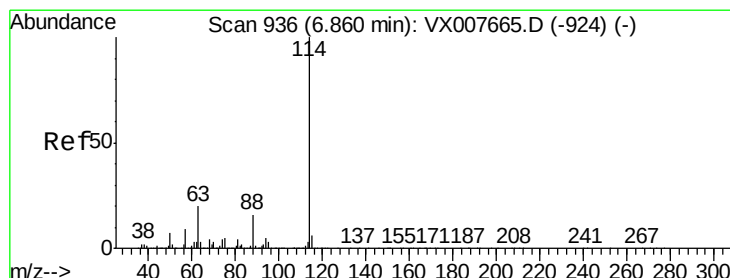
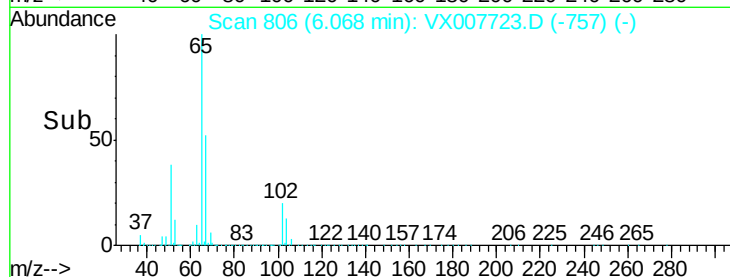
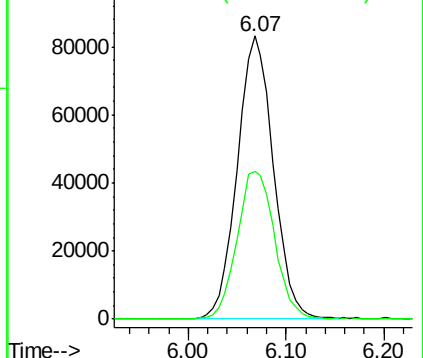
65 100

67 53.9 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: VX007723.D

Acq: 26 Feb 2019 19:32

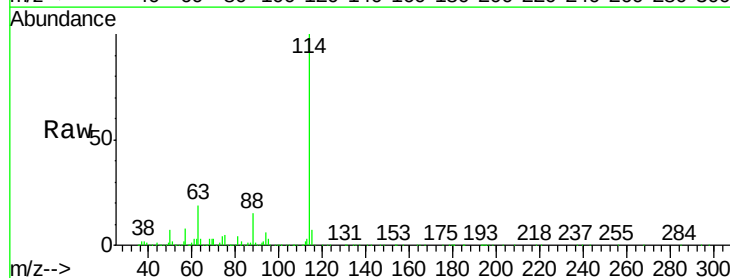
Tgt Ion: 114 Resp: 577203

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

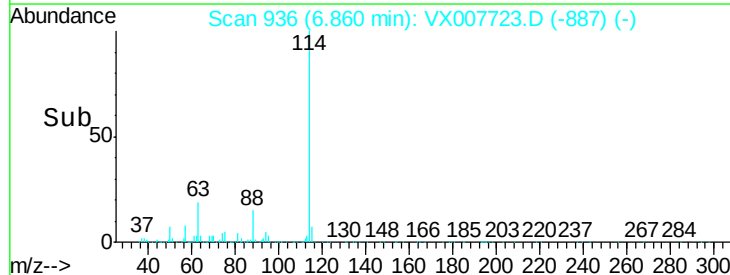
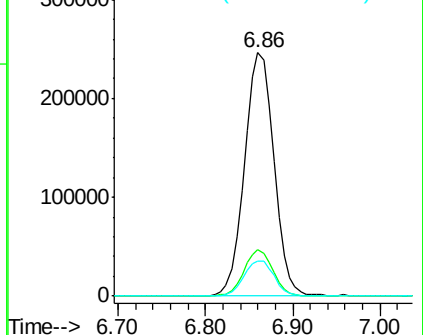
88 14.6 0.0 29.6

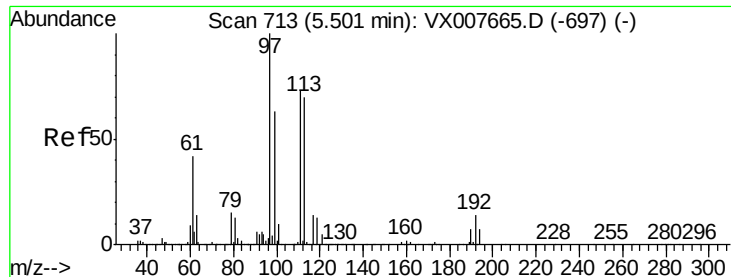


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.276 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007723.D

Acq: 26 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

Z31W

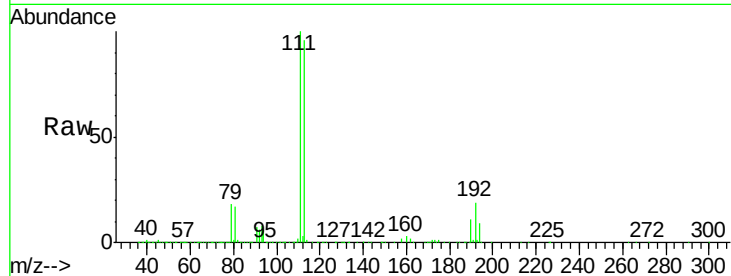
Tot Ion:113 Resp: 193986

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

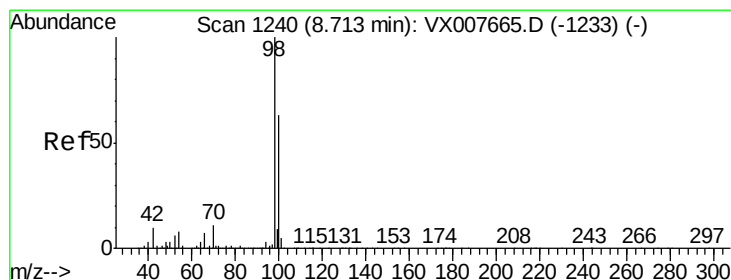
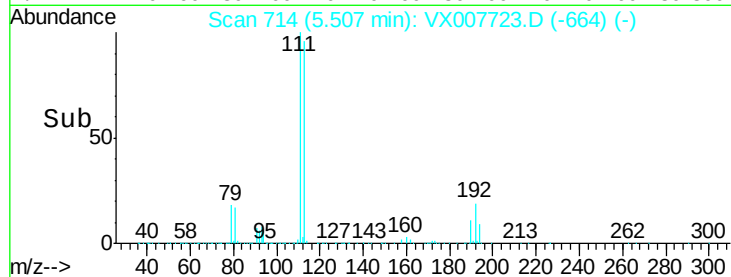
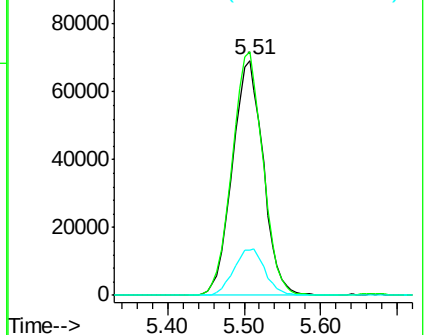
192 20.0 18.5 27.7



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: 47.817 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007723.D

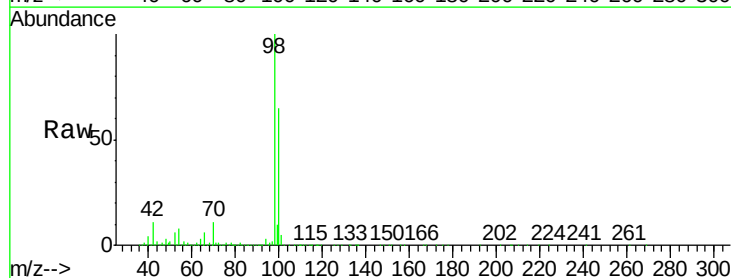
Acq: 26 Feb 2019 19:32

Tgt Ion: 98 Resp: 706330

Ion Ratio Lower Upper

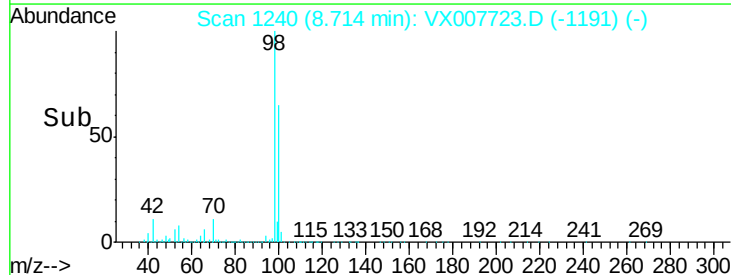
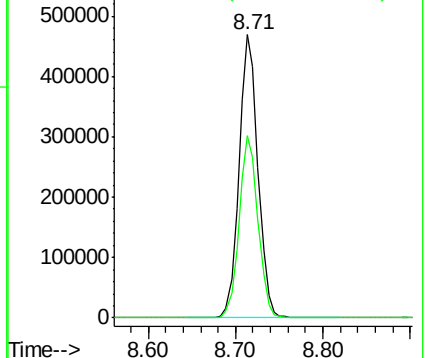
98 100

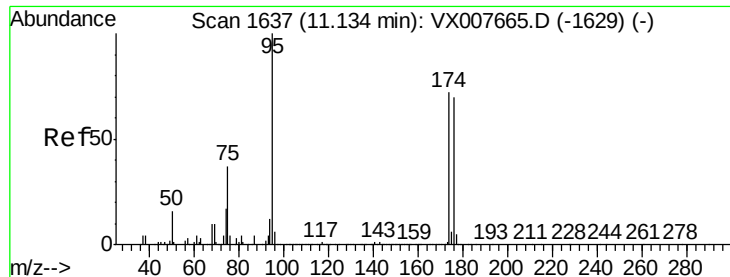
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

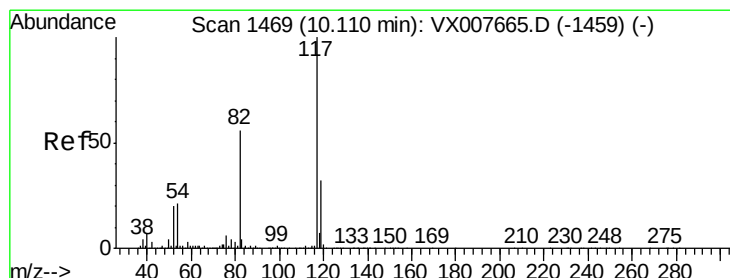
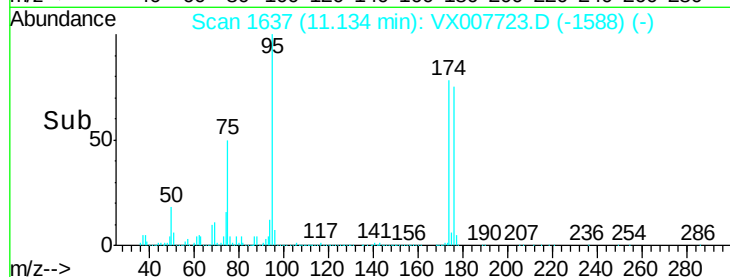
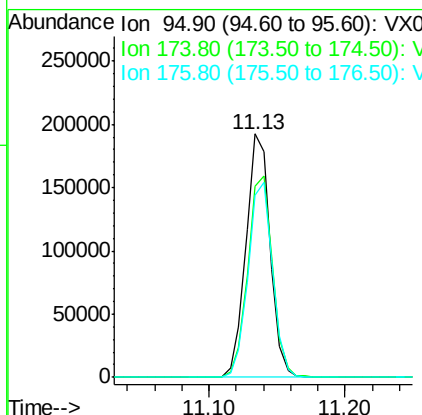
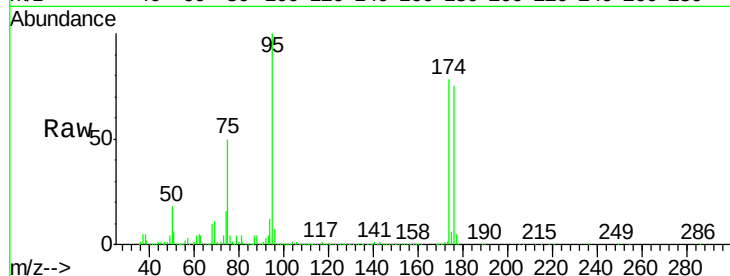




#62
4-Bromofluorobenzene
Concen: 44.234 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007723.D
Acq: 26 Feb 2019 19:32

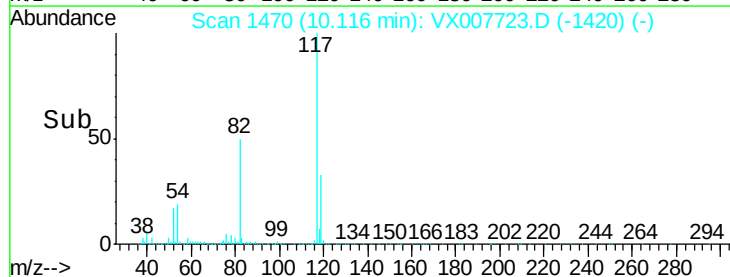
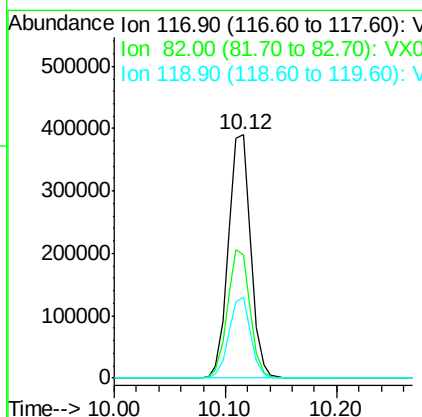
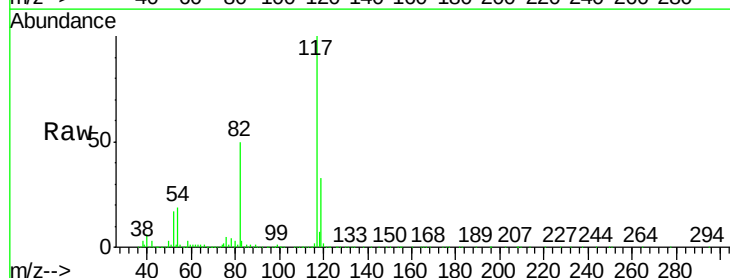
Instrument :
MSVOA_X
ClientSampled :
Z31W

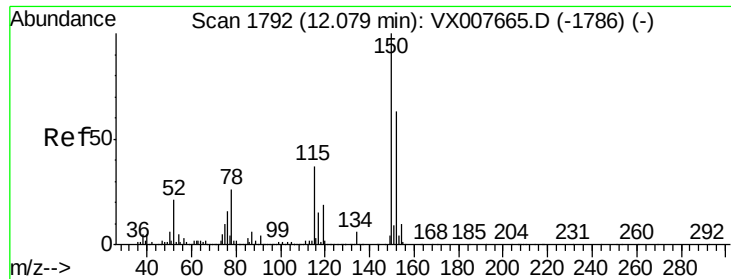
Tot Ion	95	Resp	239820
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	189.2
176	82.0	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007723.D
Acq: 26 Feb 2019 19:32

Tgt Ion	117	Resp	541310
Ion Ratio	Lower	Upper	
117	100		
82	50.4	42.1	63.1
119	33.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007723.D

Acq: 26 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

Z31W

Tot Ion:152 Resp: 245124

Ion Ratio Lower Upper

152 100

115 57.1 38.0 114.0

150 155.8 0.0 346.4

