

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007749.D
 Acq On : 27 Feb 2019 22:04
 Operator : JC/SP
 Sample : K1653-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Feb 28 04:53:55 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

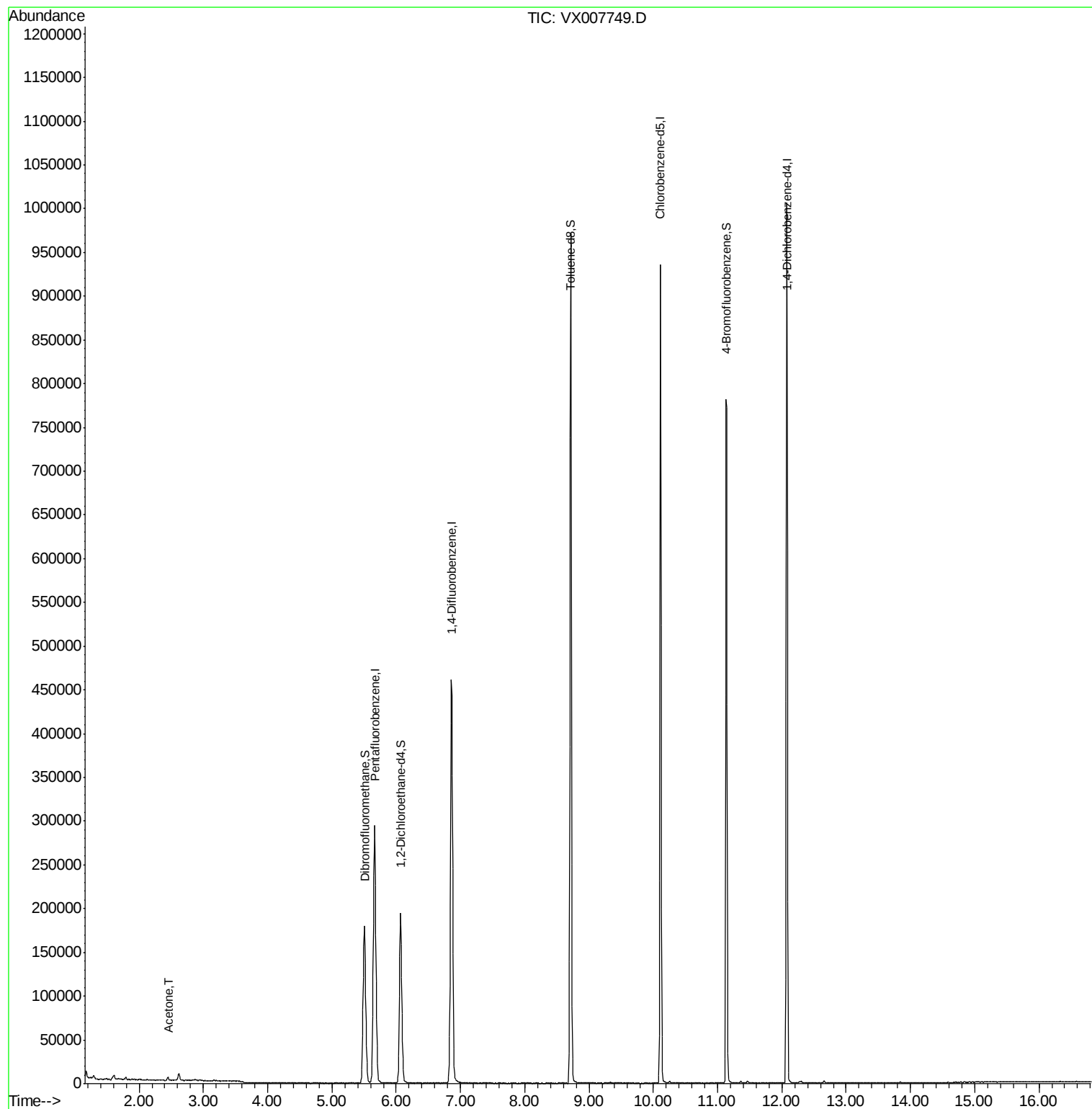
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184689	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.51	113	153588	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	568431	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.13	95	204605	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
Target Compounds						
16) Acetone	2.45	43	3589	2.182	ug/l	Qvalue 97

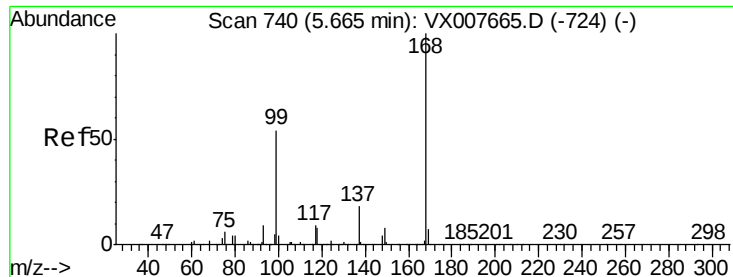
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

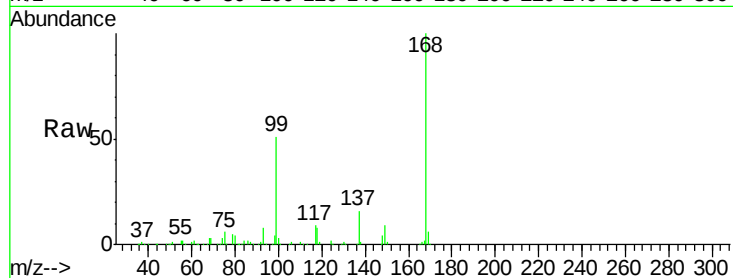
MW-4

Tot Ion:168 Resp: 298669

Ion Ratio Lower Upper

168 100

99 50.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

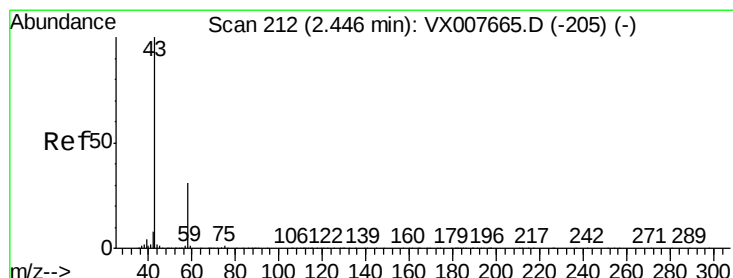
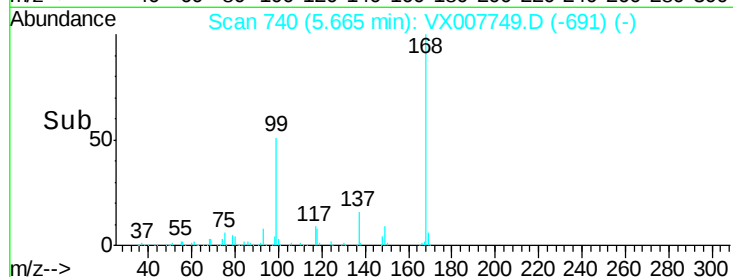
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.182 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007749.D

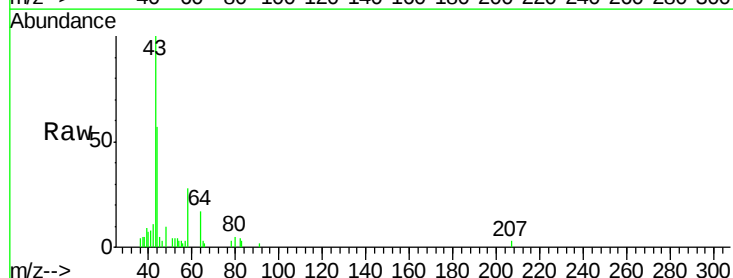
Acq: 27 Feb 2019 22:04

Tgt Ion: 43 Resp: 3589

Ion Ratio Lower Upper

43 100

58 29.7 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

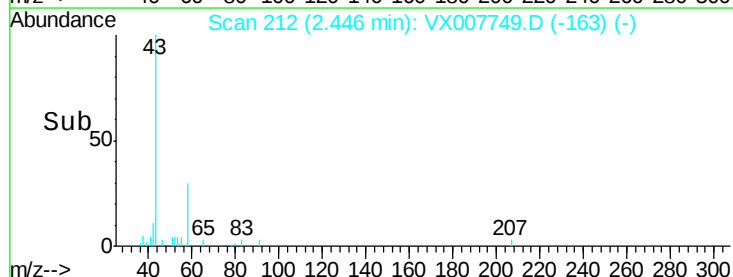
1500

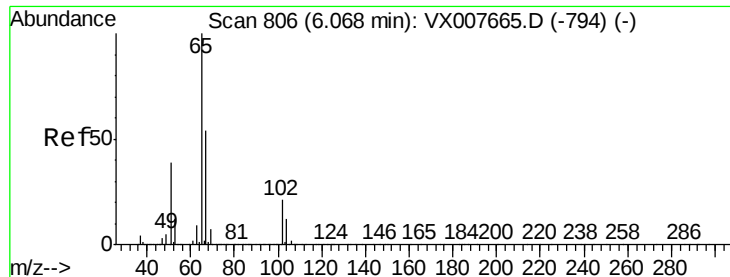
1000

500

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 49.922 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

ClientSampled :

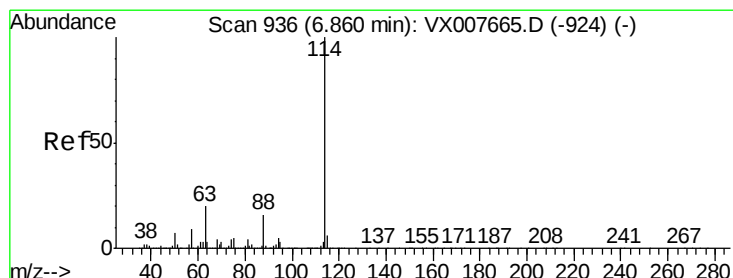
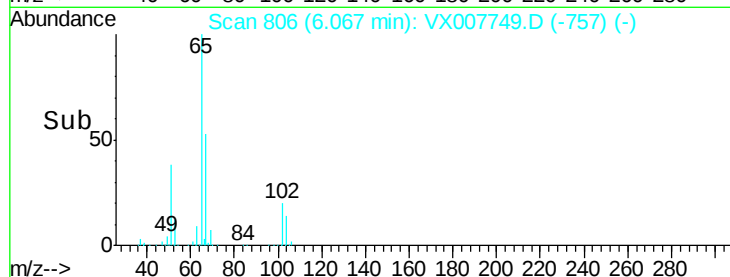
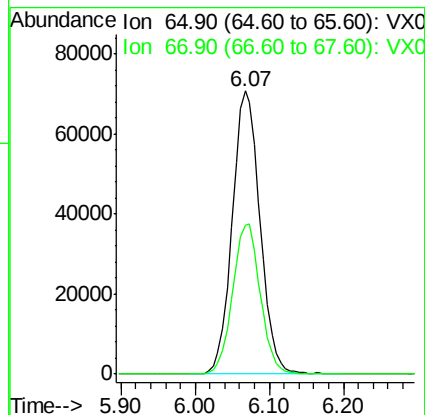
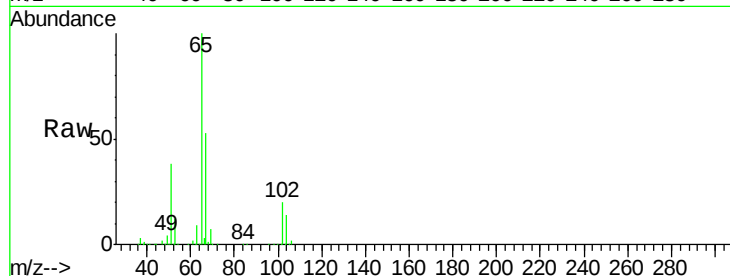
MW-4

Tot Ion: 65 Resp: 184689

Ion Ratio Lower Upper

65 100

67 52.8 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: VX007749.D

Acq: 27 Feb 2019 22:04

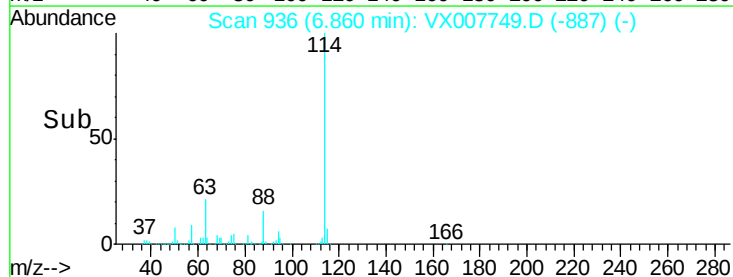
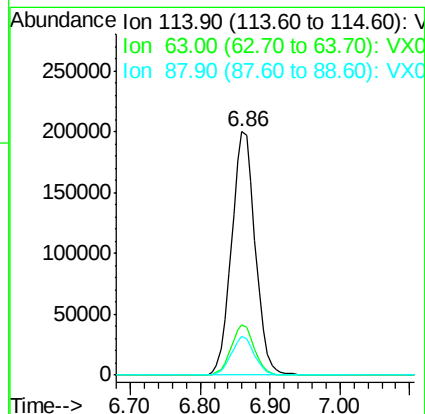
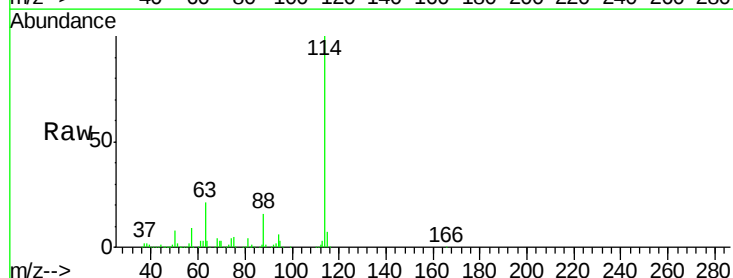
Tgt Ion: 114 Resp: 469362

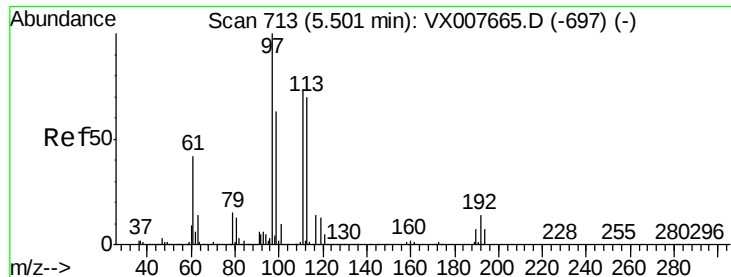
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.6

88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.952 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

ClientSampled :

MW-4

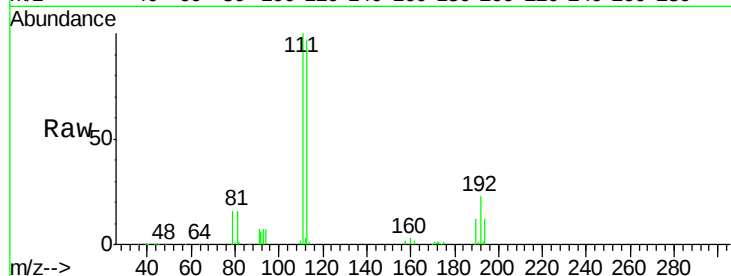
Tot Ion:113 Resp: 153588

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

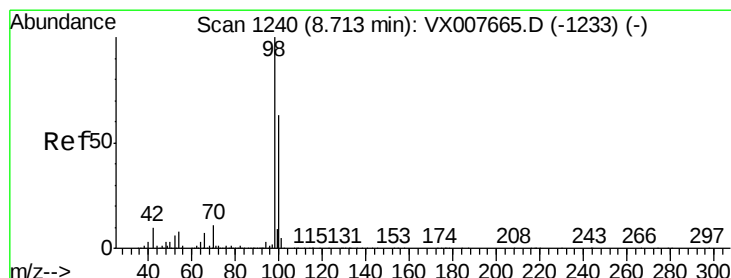
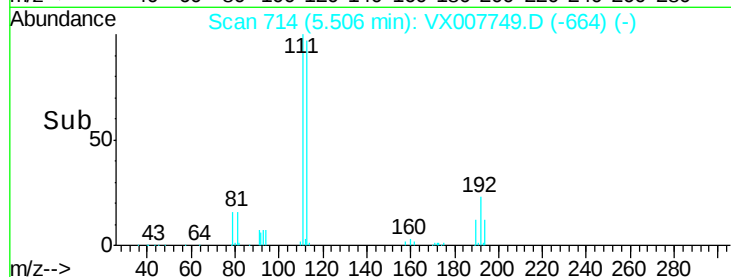
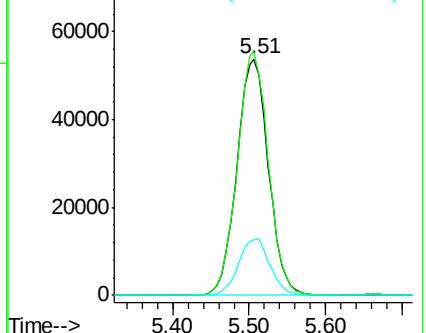
192 24.0 18.5 27.7



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: 47.323 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007749.D

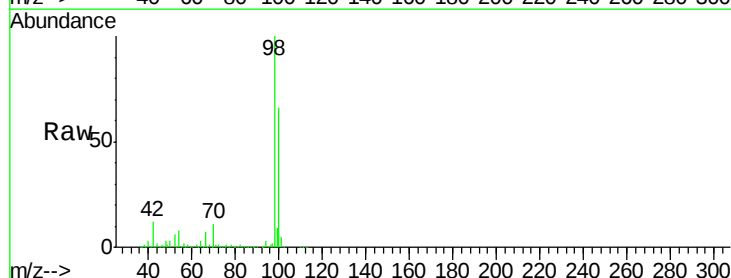
Acq: 27 Feb 2019 22:04

Tgt Ion: 98 Resp: 568431

Ion Ratio Lower Upper

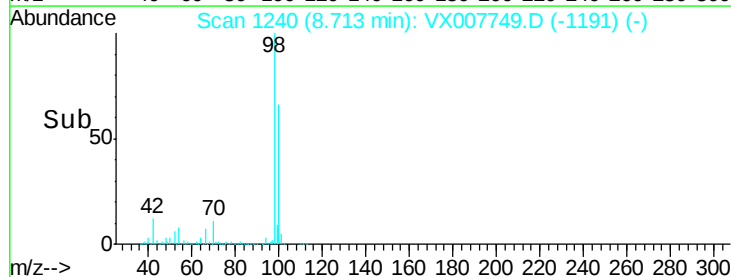
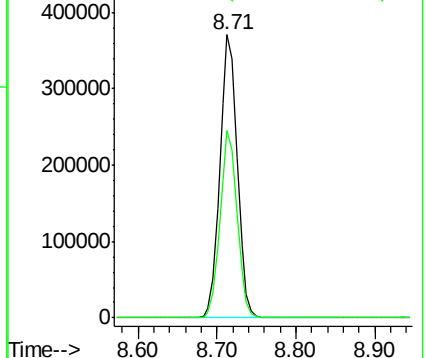
98 100

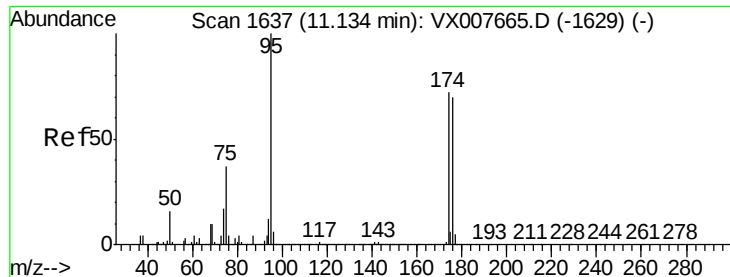
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

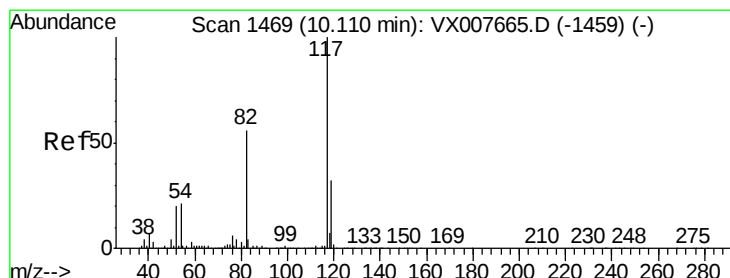
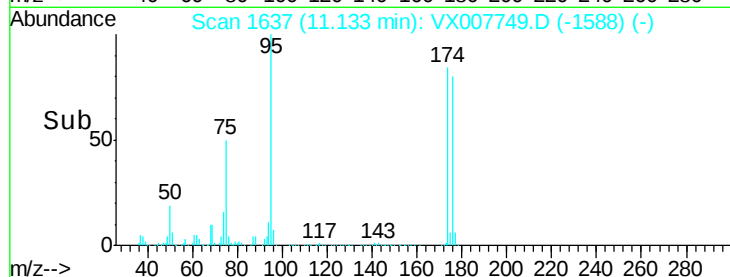
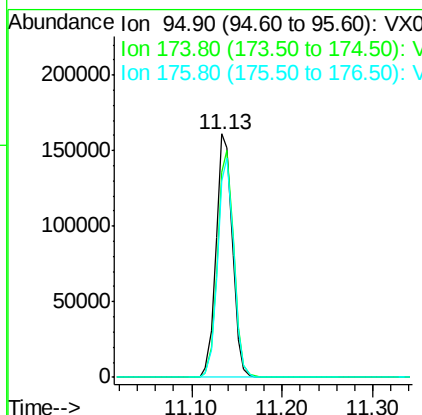
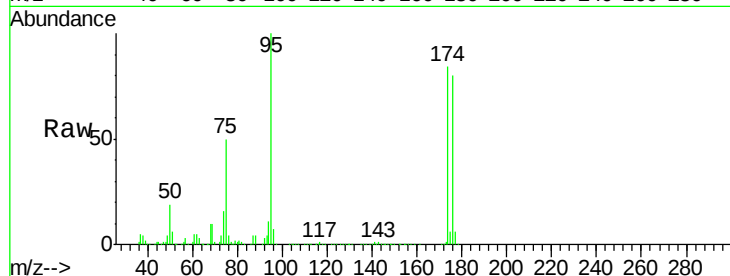




#62
4-Bromofluorobenzene
Concen: 46.409 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

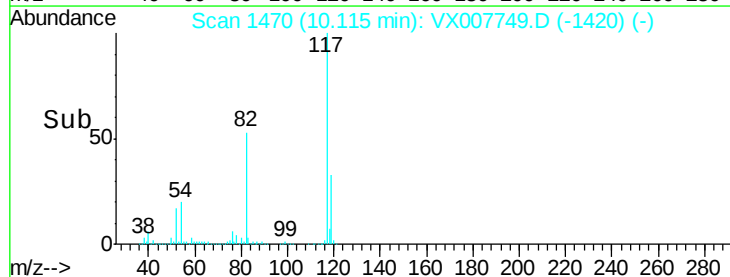
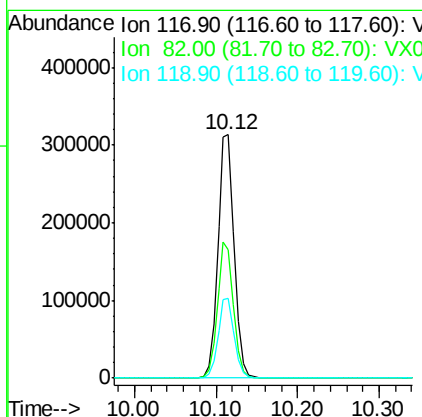
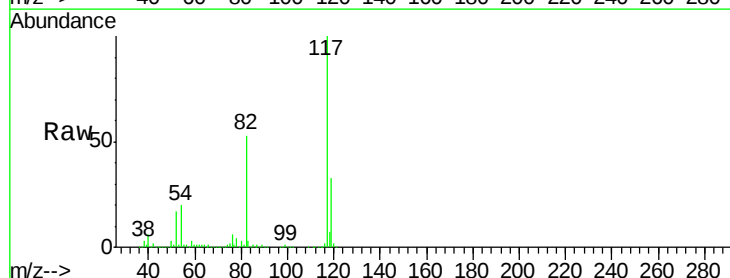
Instrument :
MSVOA_X
ClientSampleId :
MW-4

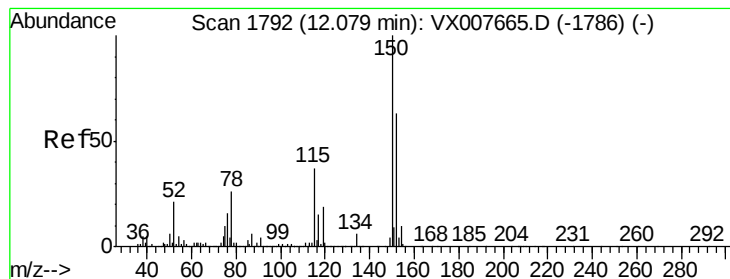
Tot Ion: 95 Resp: 204605
Ion Ratio Lower Upper
95 100
174 92.1 0.0 189.2
176 88.7 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007749.D
Acq: 27 Feb 2019 22:04

Tgt Ion: 117 Resp: 438658
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 32.8 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: VX007749.D

Acq: 27 Feb 2019 22:04

Instrument :

MSVOA_X

ClientSampleId :

MW-4

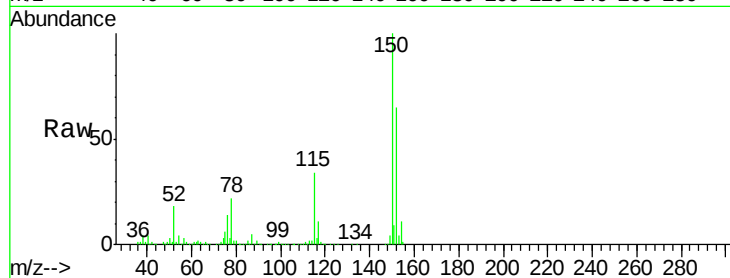
Tot Ion:152 Resp: 211870

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

150 156.3 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

