

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006235.D
 Acq On : 30 Nov 2018 17:23
 Operator : JC/MD
 Sample : J6153-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Dec 01 00:18:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

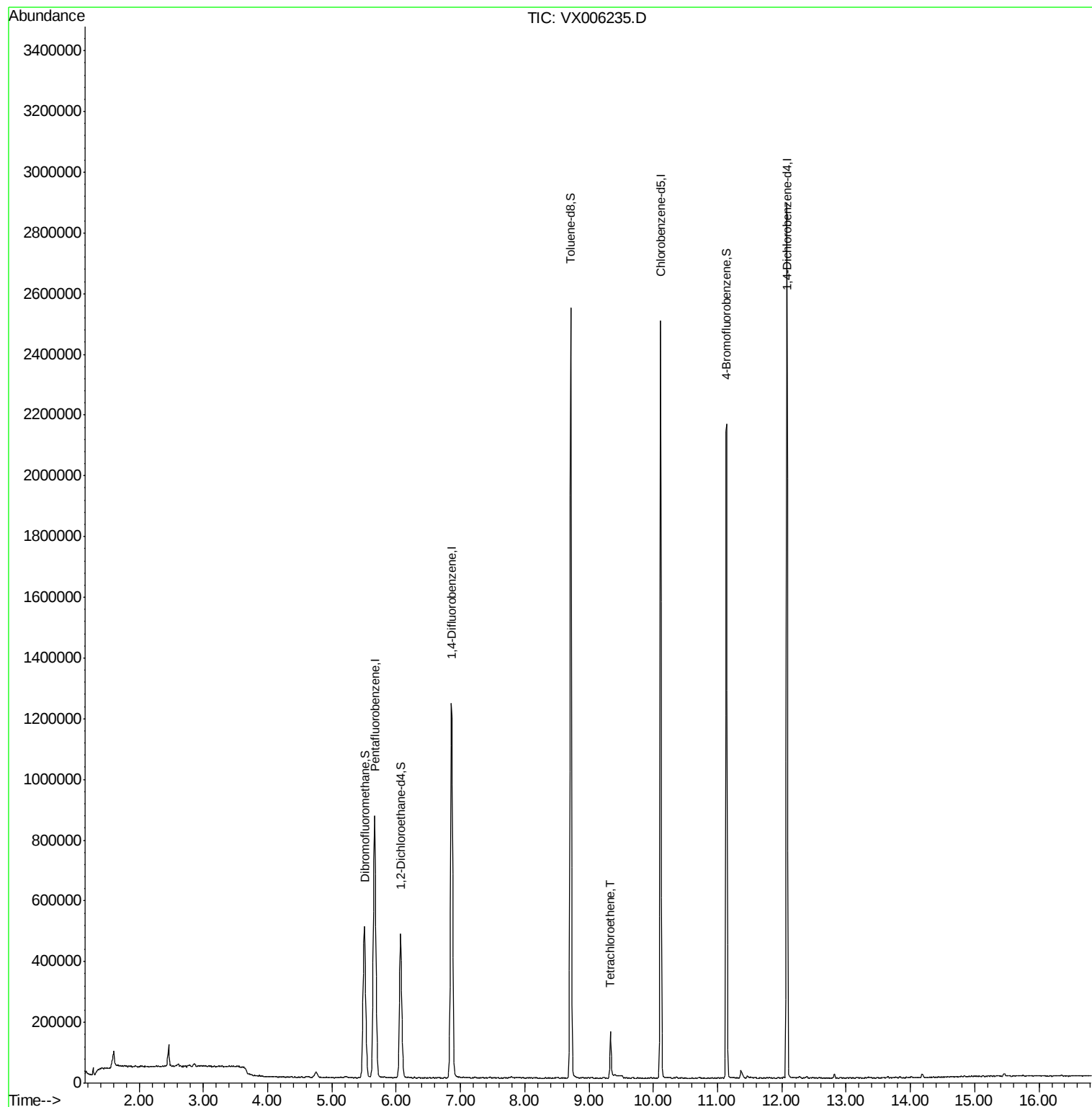
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	907039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1355626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1240076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	611017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	443580	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	5.50	113	431208	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1588171	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	588921	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
Target Compounds						
64) Tetrachloroethene	9.34	164	23408	2.507	ug/l	Qvalue 97

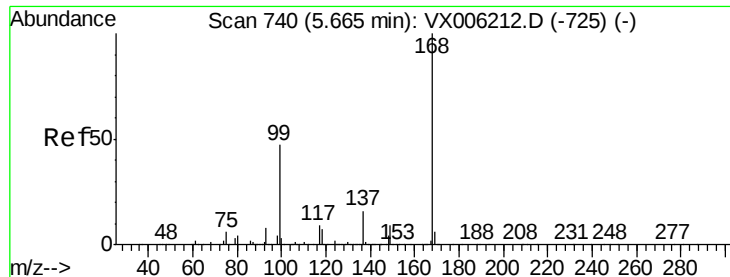
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

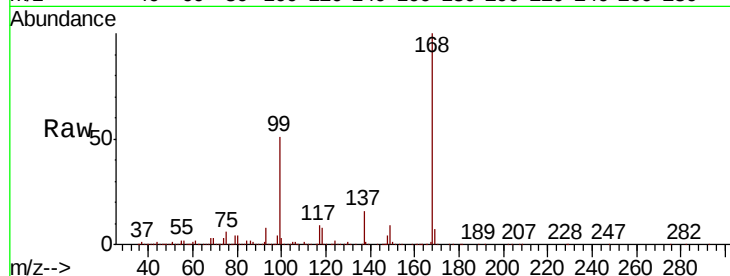
MH-F

Tot Ion:168 Resp: 907039

Ion Ratio Lower Upper

168 100

99 50.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

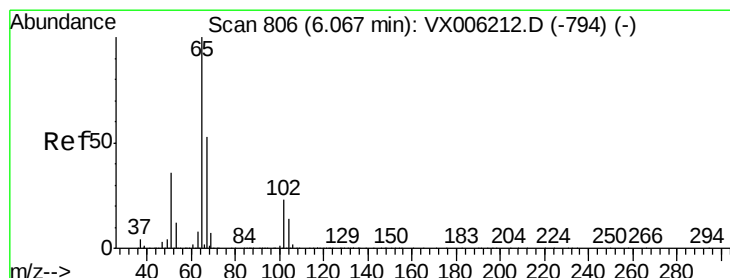
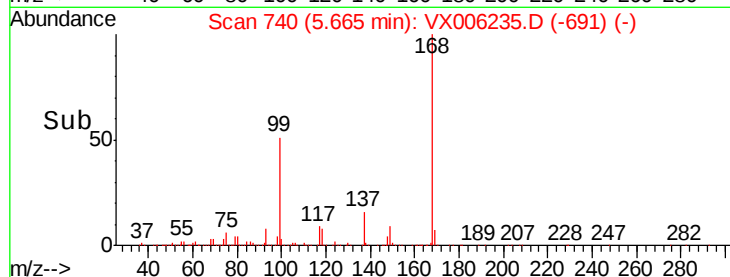
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.906 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006235.D

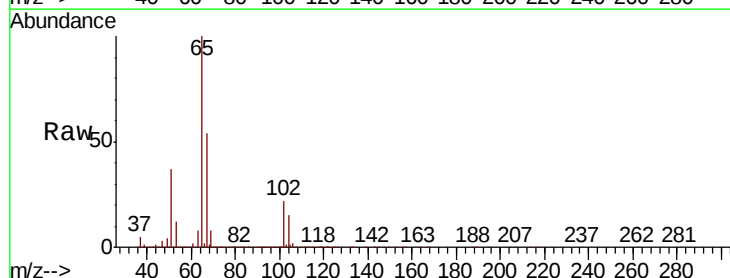
Acq: 30 Nov 2018 17:23

Tgt Ion: 65 Resp: 443580

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

200000

150000

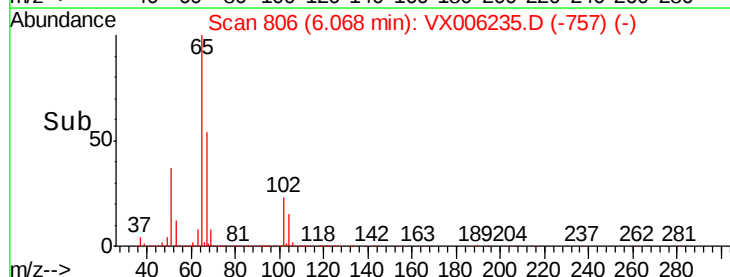
100000

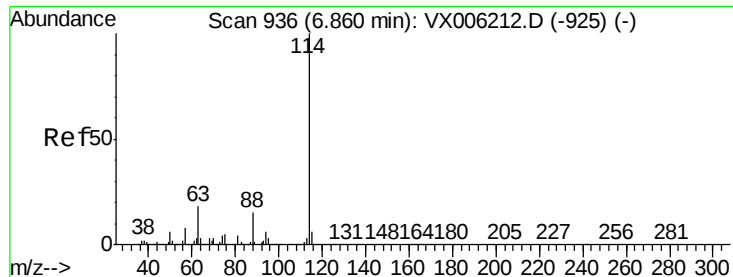
50000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

MH-F

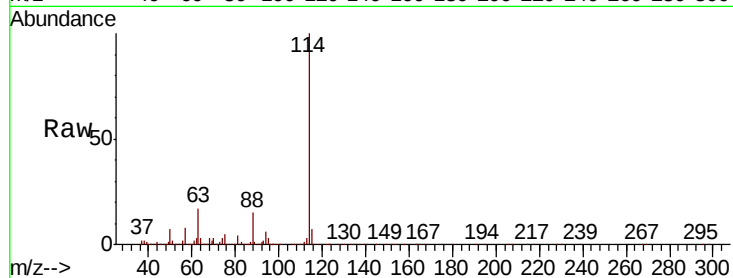
Tot Ion:114 Resp: 1355626

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

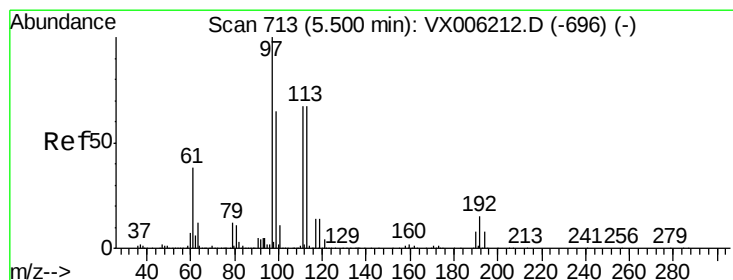
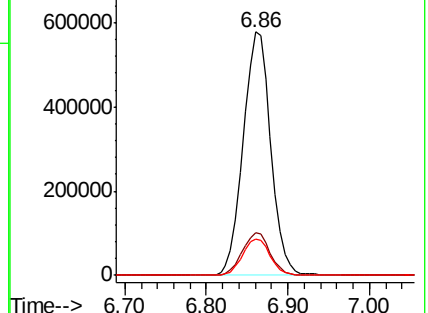
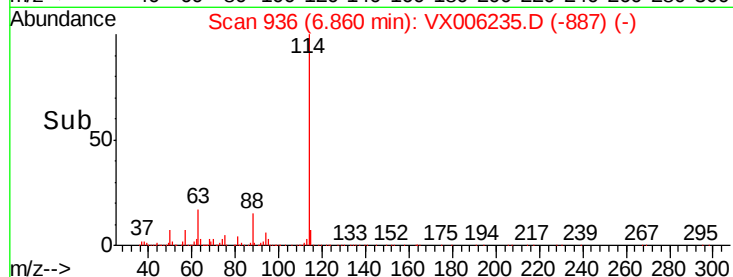
88 14.9 0.0 29.0



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: 49.128 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

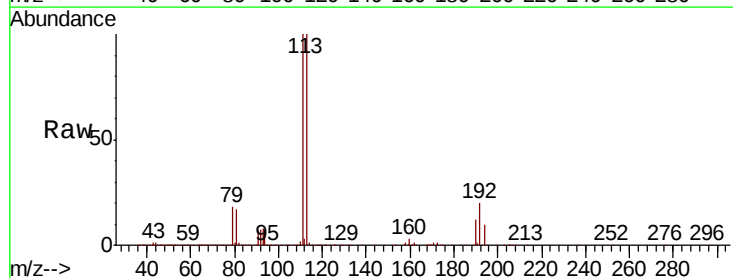
Tgt Ion:113 Resp: 431208

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

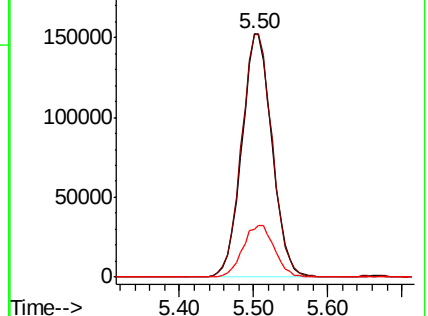
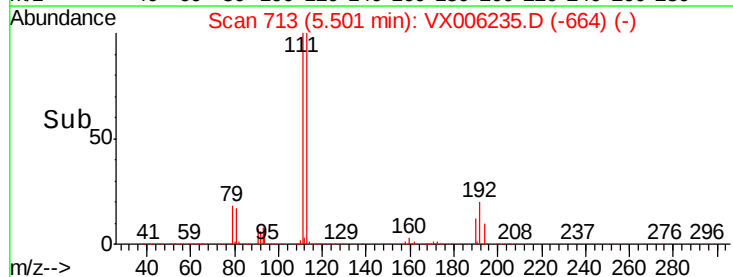
192 22.2 18.2 27.2



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: 49.745 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

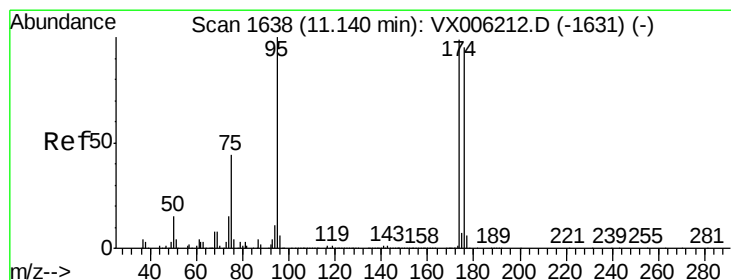
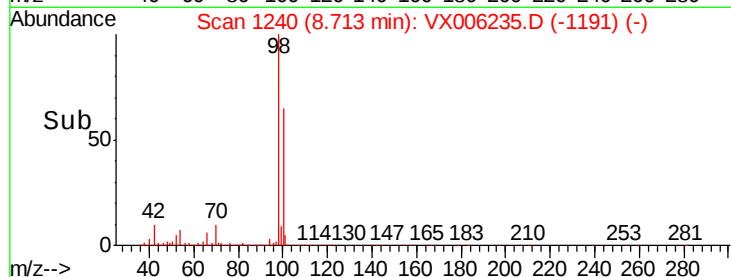
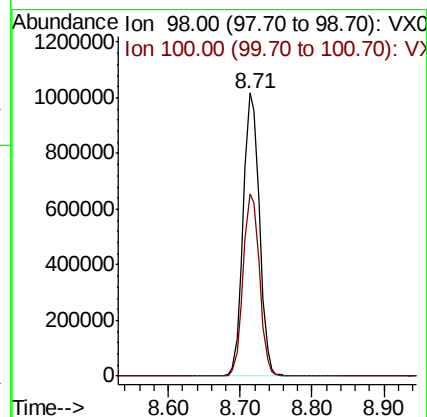
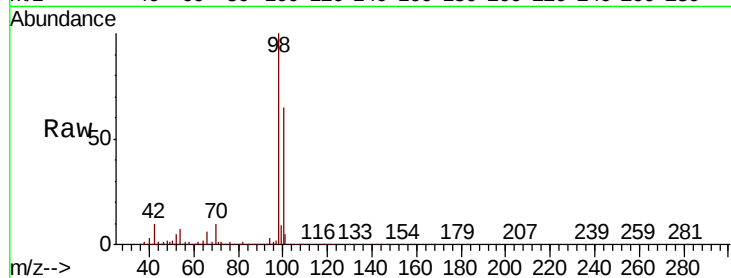
MH-F

Tot Ion: 98 Resp: 1588171

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.952 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

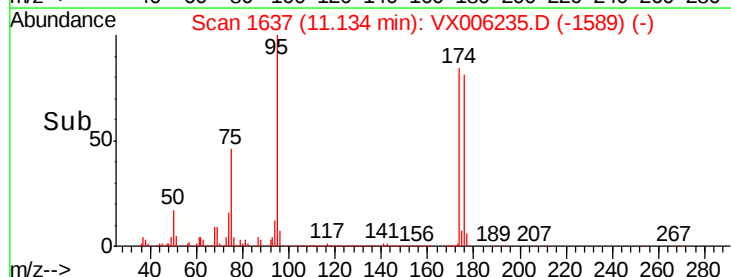
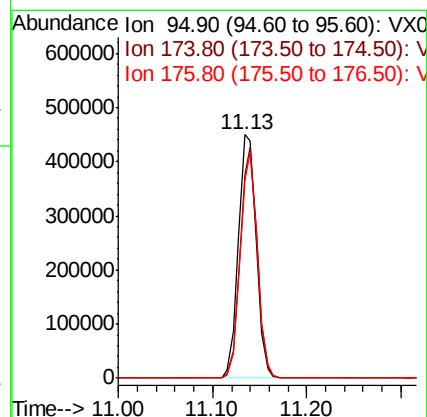
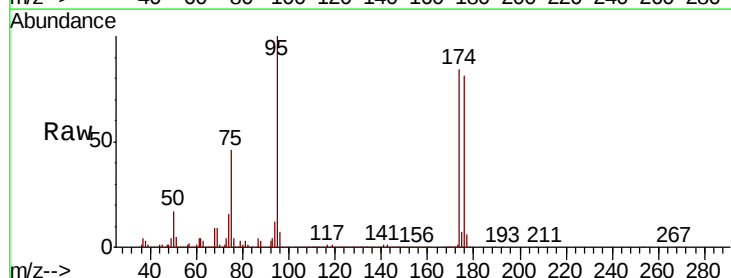
Tgt Ion: 95 Resp: 588921

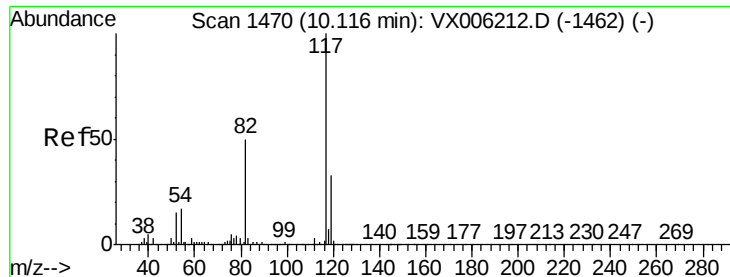
Ion Ratio Lower Upper

95 100

174 90.5 0.0 187.0

176 88.3 0.0 181.8

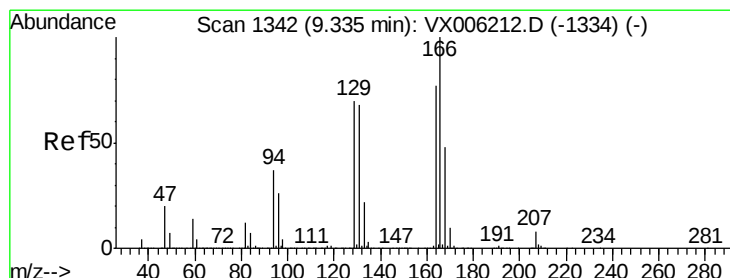
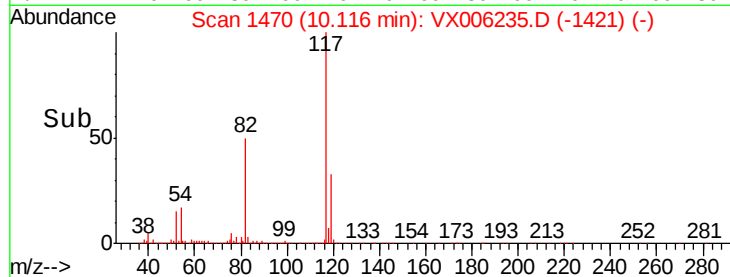
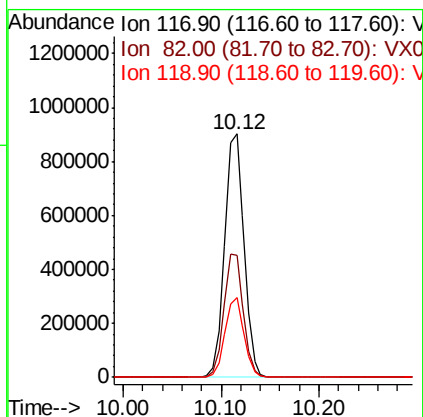
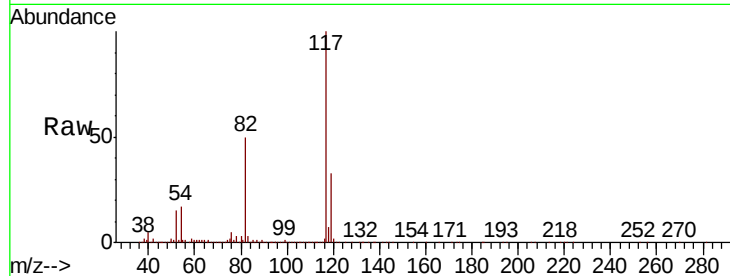




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006235.D
Acq: 30 Nov 2018 17:23

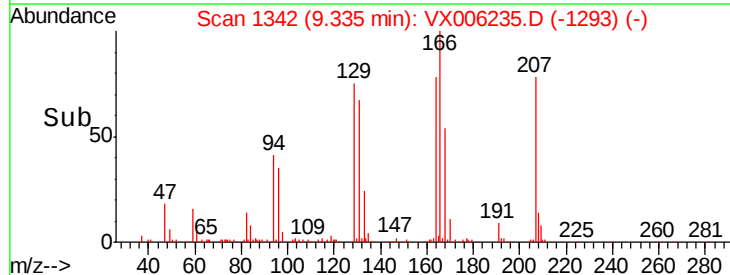
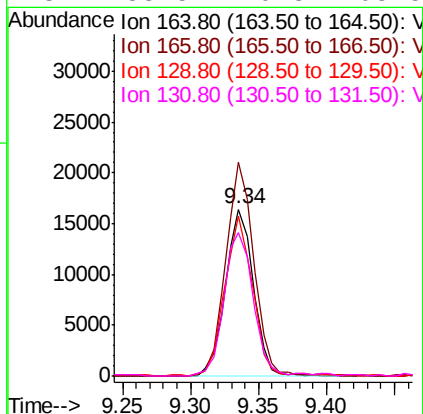
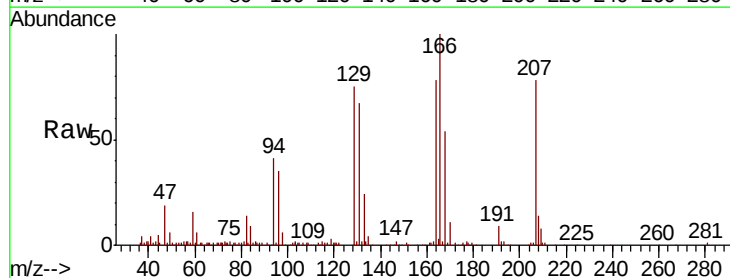
Instrument :
MSVOA_X
ClientSampleId :
MH-F

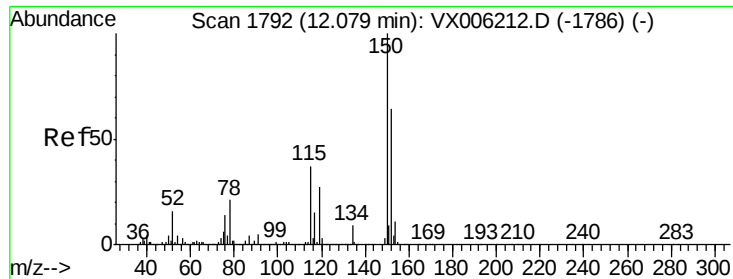
Tot Ion:117 Resp: 1240076
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 2.507 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006235.D
Acq: 30 Nov 2018 17:23

Tgt Ion:164 Resp: 23408
Ion Ratio Lower Upper
164 100
166 127.9 104.2 156.2
129 96.1 72.6 108.8
131 85.5 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006235.D

Acq: 30 Nov 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

MH-F

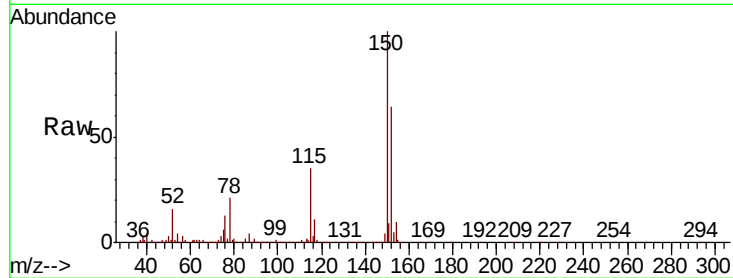
Tot Ion:152 Resp: 611017

Ion Ratio Lower Upper

152 100

115 55.5 39.0 116.9

150 157.0 0.0 345.8



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

