

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006238.D
 Acq On : 30 Nov 2018 18:43
 Operator : JC/MD
 Sample : J6153-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Quant Time: Dec 01 00:24:36 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

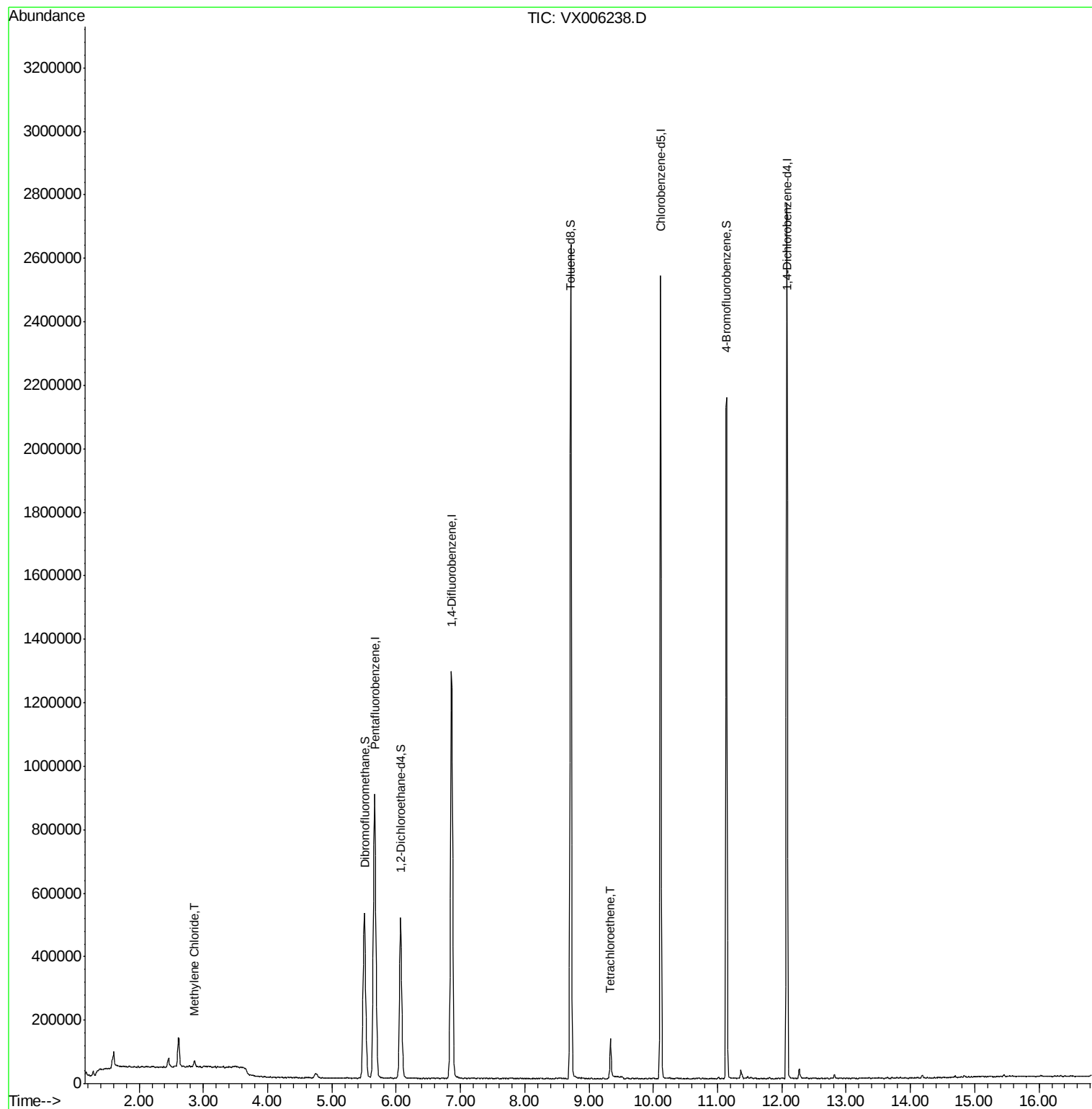
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	938828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1405835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1261027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	601083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	462869	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.51	113	449068	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	1636759	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	590180	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
20) Methylene Chloride	2.85	84	9024	0.943	ug/l	88
64) Tetrachloroethene	9.34	164	17137	1.805	ug/l	96

(#) = 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: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

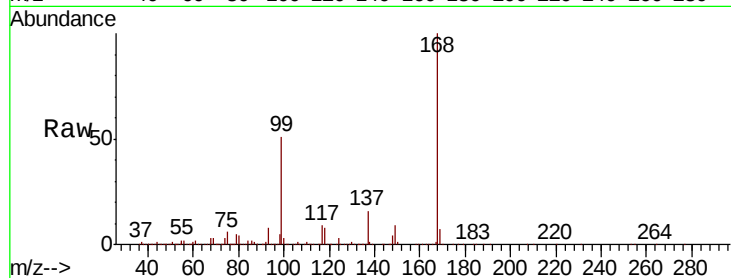
MH-H

Tot Ion:168 Resp: 938828

Ion Ratio Lower Upper

168 100

99 50.6 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

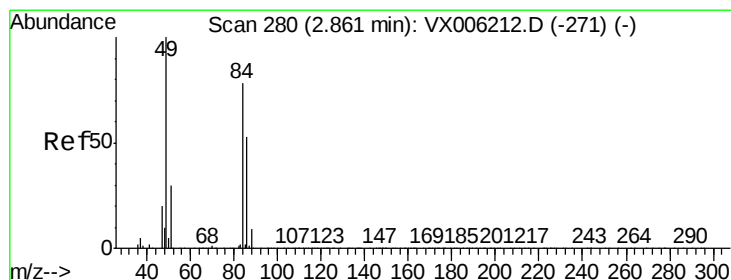
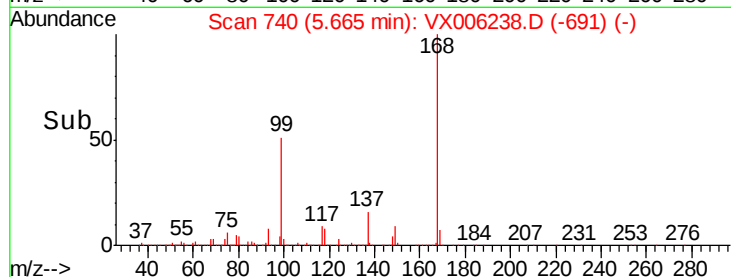
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 0.943 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Tgt Ion: 84 Resp: 9024

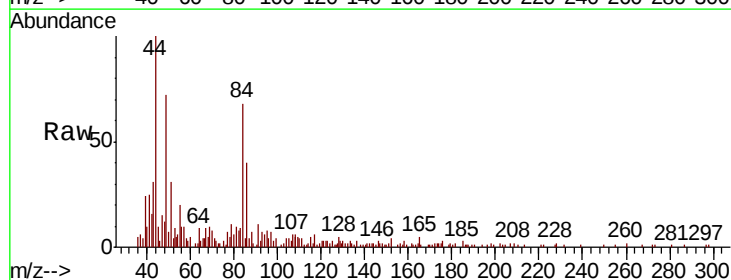
Ion Ratio Lower Upper

84 100

49 107.3 102.2 153.4

51 37.0 31.1 46.7

86 62.4 53.7 80.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

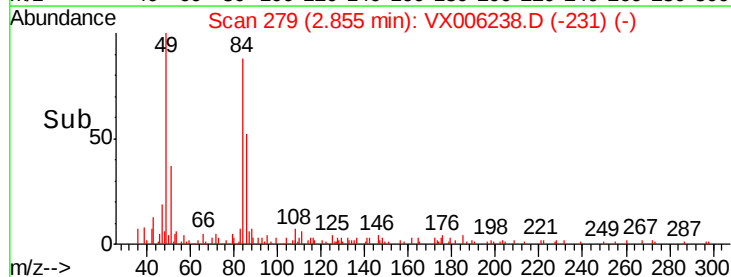
6000

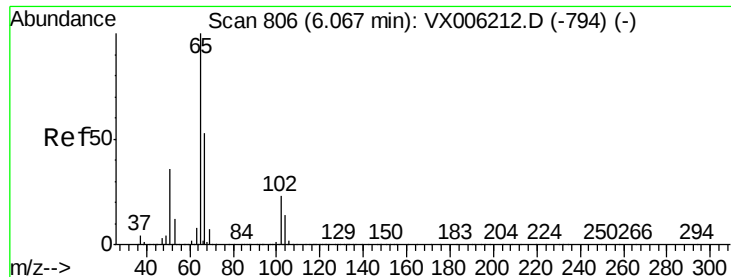
4000

2000

0

Time--> 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 48.296 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

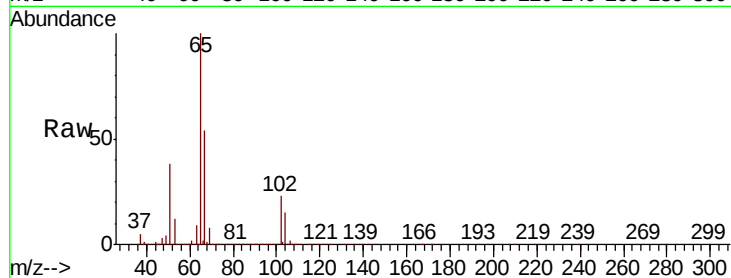
MH-H

Tot Ion: 65 Resp: 462869

Ion Ratio Lower Upper

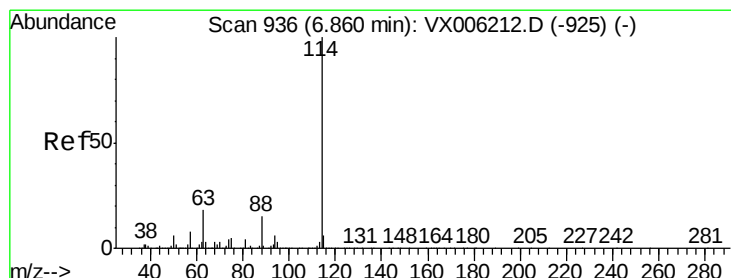
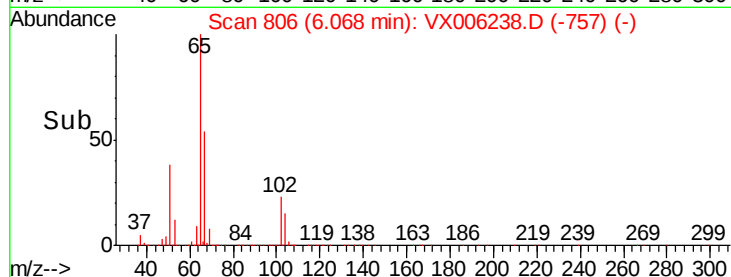
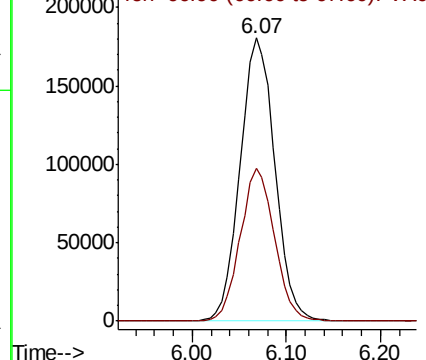
65 100

67 53.0 0.0 107.2



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: VX006238.D

Acq: 30 Nov 2018 18:43

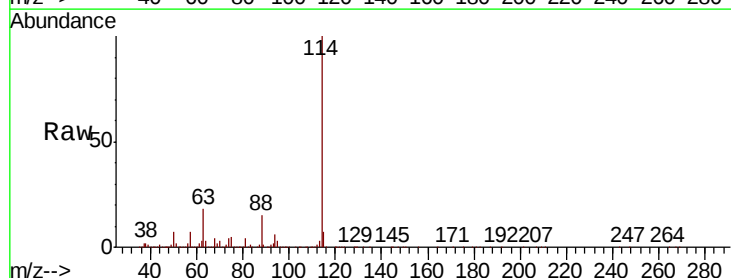
Tgt Ion: 114 Resp: 1405835

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

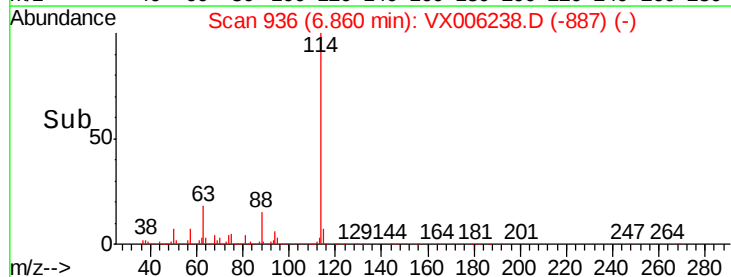
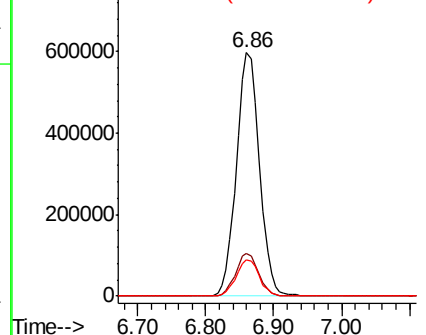
88 14.9 0.0 29.0

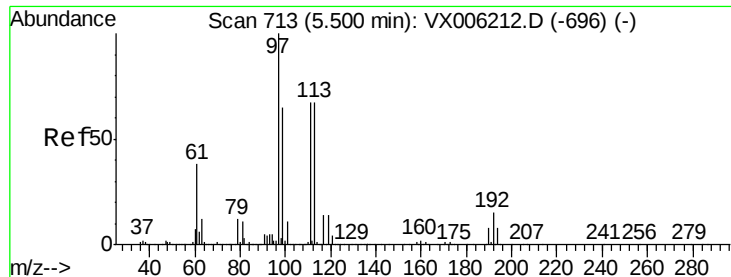


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

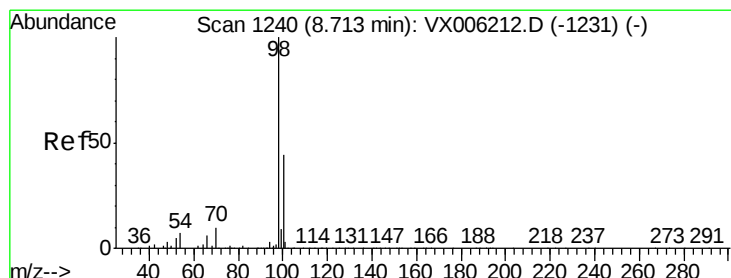
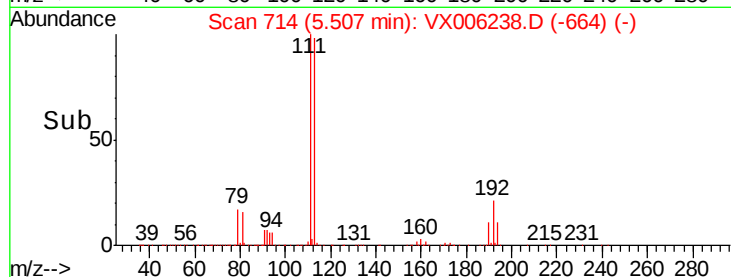
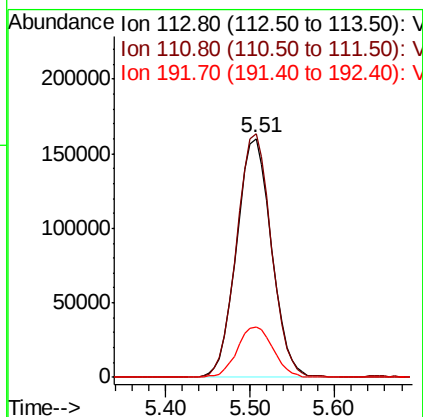
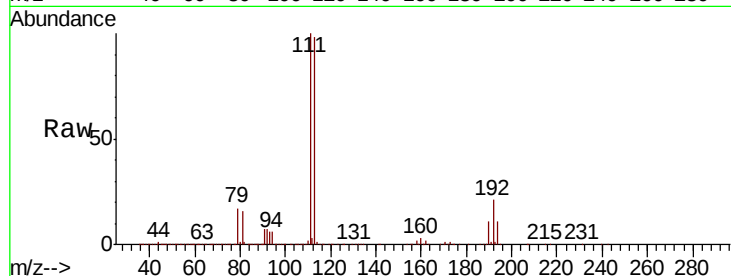




#35
 Dibromofluoromethane
 Concen: 49.336 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006238.D
 Acq: 30 Nov 2018 18:43

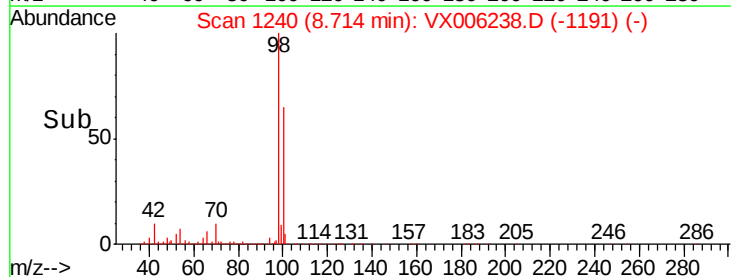
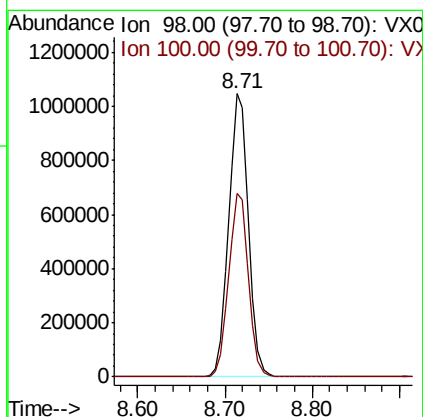
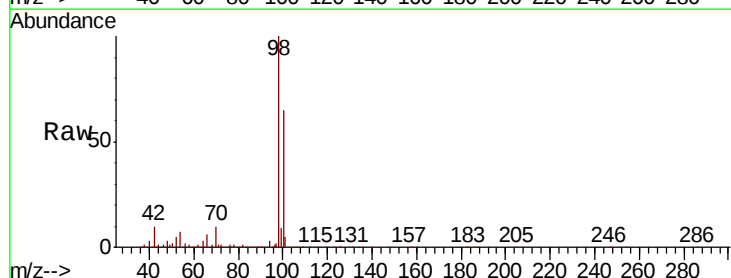
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

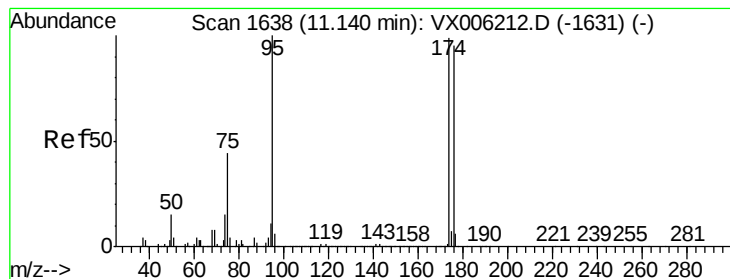
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	21.9	18.2	27.2



#50
 Toluene-d8
 Concen: 49.436 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006238.D
 Acq: 30 Nov 2018 18:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 47.304 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

MH-H

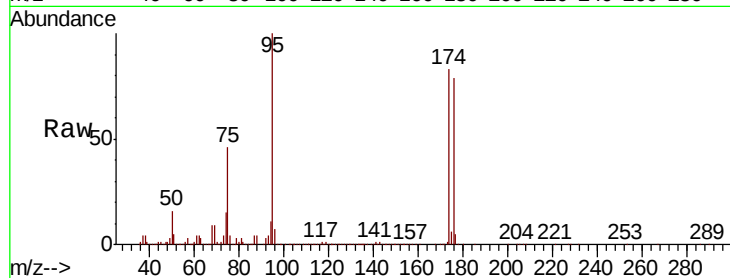
Tot Ion: 95 Resp: 590180

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.0

176 87.2 0.0 181.8



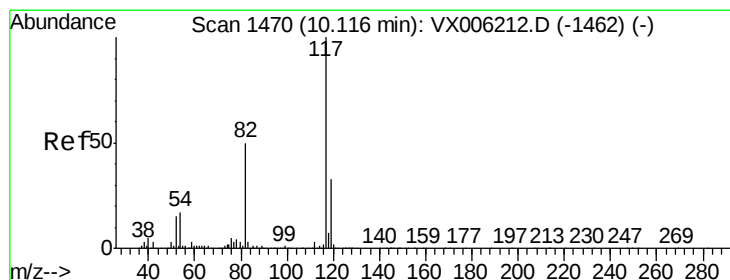
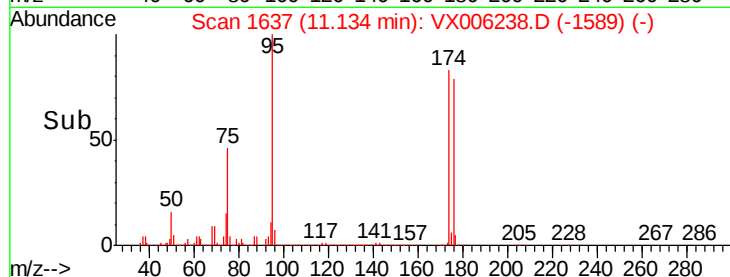
Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

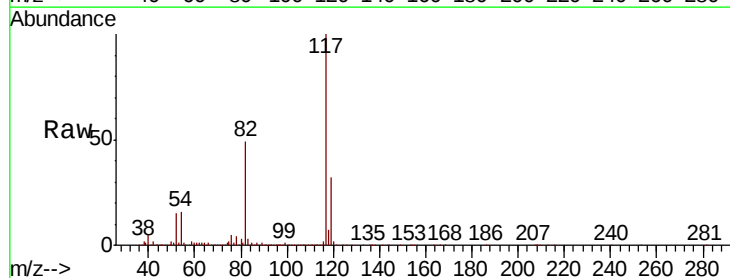
Tgt Ion: 117 Resp: 1261027

Ion Ratio Lower Upper

117 100

82 49.5 39.6 59.4

119 32.0 26.3 39.5



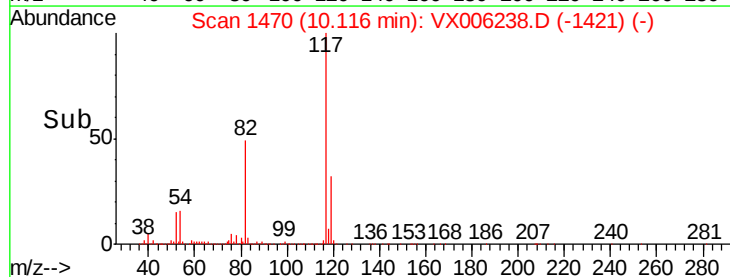
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

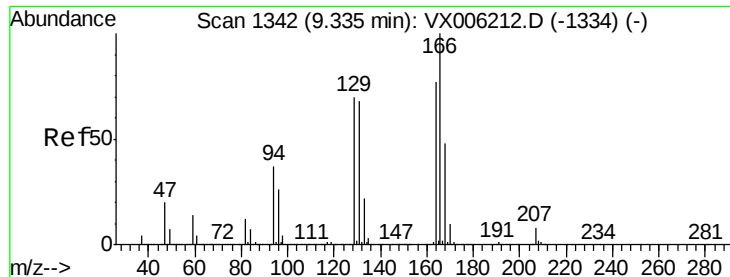
Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

10.12

Time-->





#64

Tetrachloroethene

Concen: 1.805 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006238.D

Acq: 30 Nov 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

MH-H

Tot Ion:164 Resp: 17137

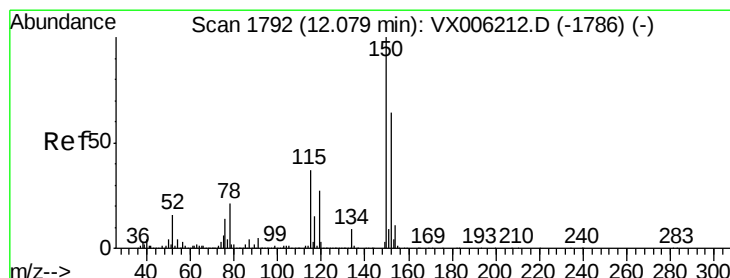
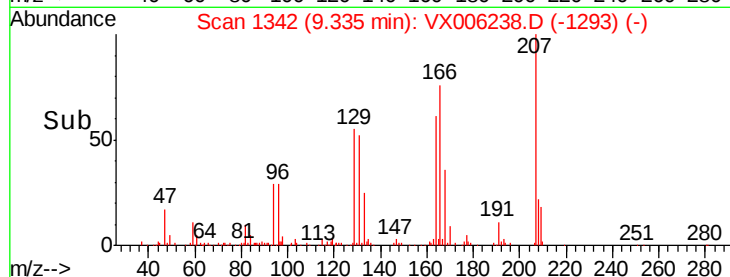
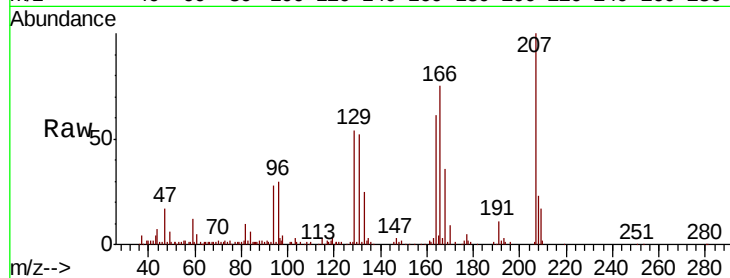
Ion Ratio Lower Upper

164 100

166 123.1 104.2 156.2

129 88.0 72.6 108.8

131 84.3 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: VX006238.D

Acq: 30 Nov 2018 18:43

Tgt Ion:152 Resp: 601083

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 157.3 0.0 345.8

