

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006236.D
 Acq On : 30 Nov 2018 17:49
 Operator : JC/MD
 Sample : J6153-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Dec 01 00:20:27 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

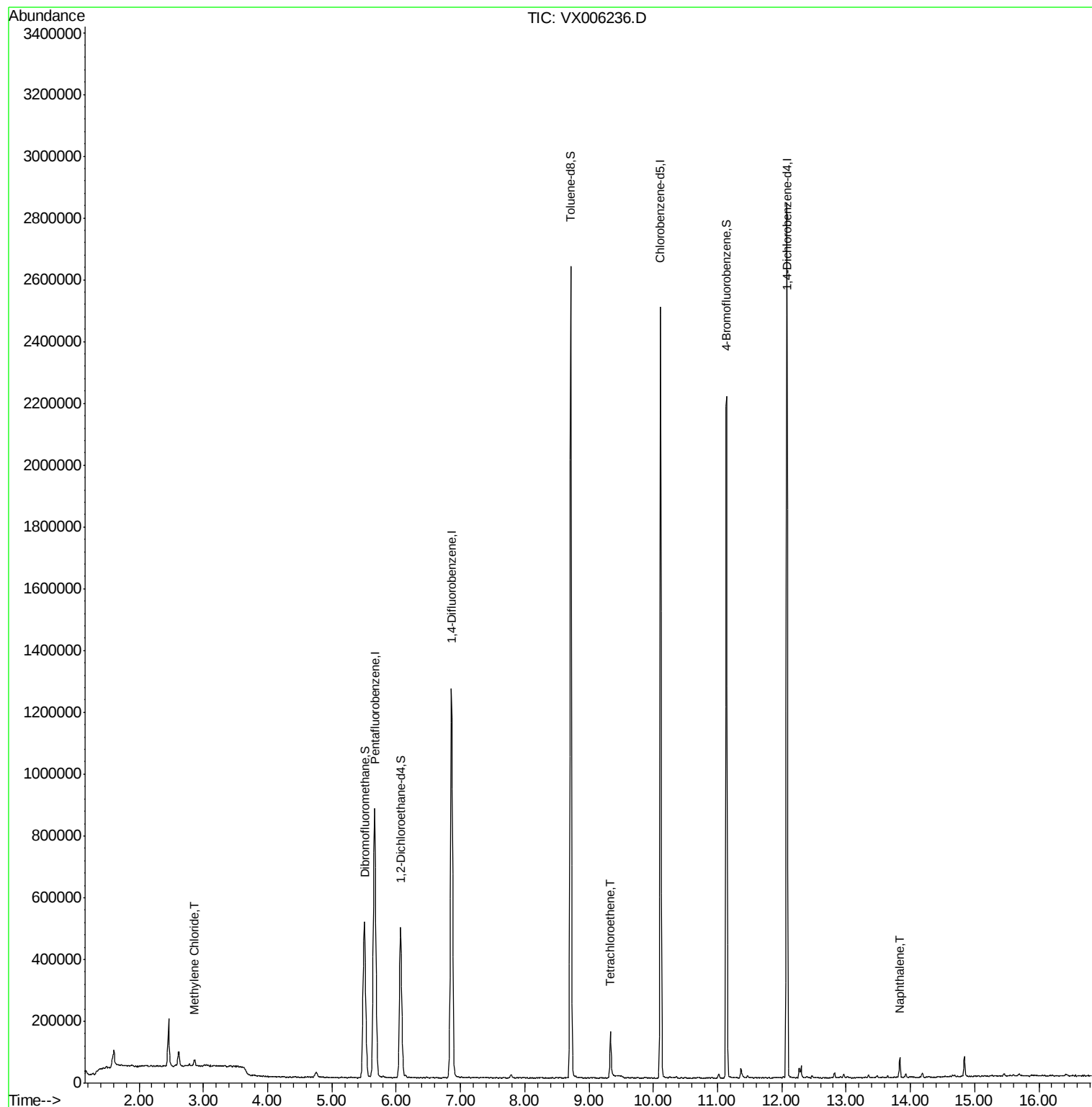
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	920533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1372908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1253177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	619242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	455990	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	435536	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	1612895	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	599820	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
20) Methylene Chloride	2.86	84	9571	1.020	ug/l	95
64) Tetrachloroethene	9.34	164	20254	2.146	ug/l	99
95) Naphthalene	13.83	128	40294	0.847	ug/l	96

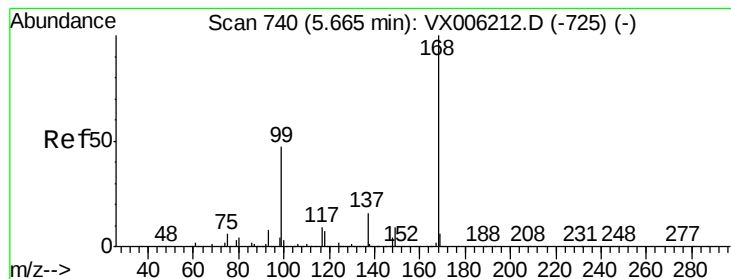
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006236.D

Acq: 30 Nov 2018 17:49

Instrument :

MSVOA_X

ClientSampled :

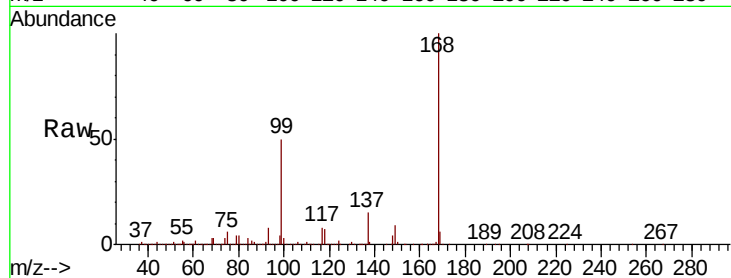
MH-G

Tot Ion:168 Resp: 920533

Ion Ratio Lower Upper

168 100

99 50.4 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

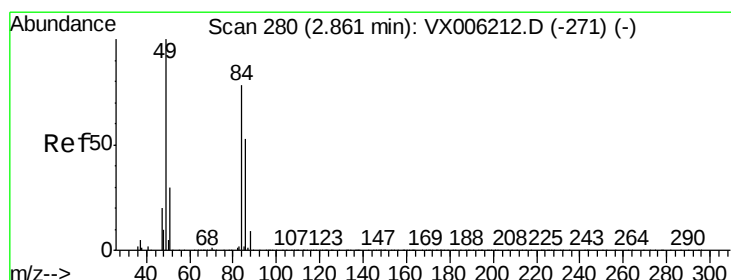
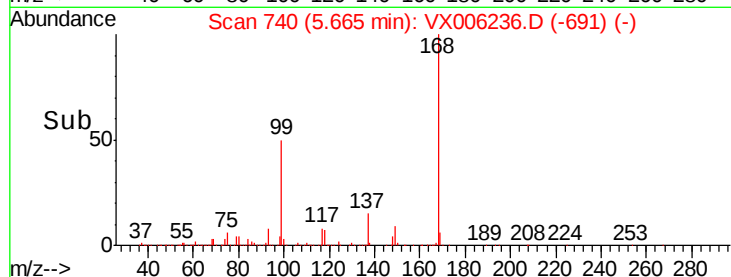
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.020 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006236.D

Acq: 30 Nov 2018 17:49

Tgt Ion: 84 Resp: 9571

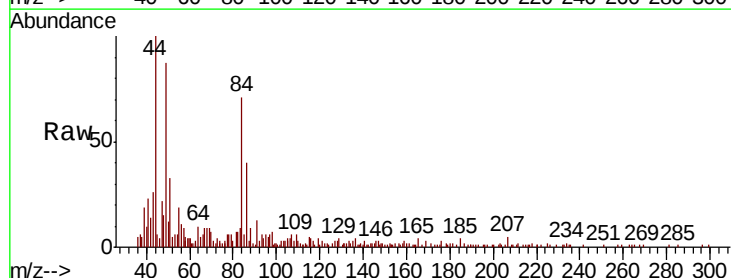
Ion Ratio Lower Upper

84 100

49 126.3 102.2 153.4

51 40.8 31.1 46.7

86 55.9 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

10000

8000

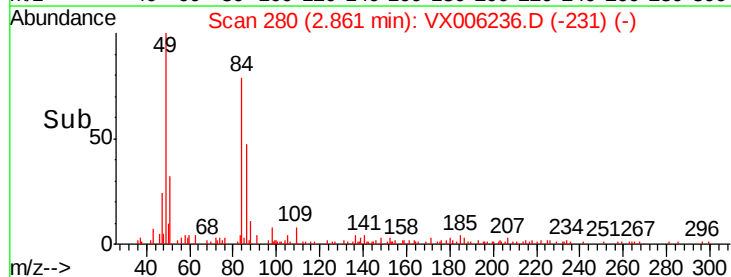
6000

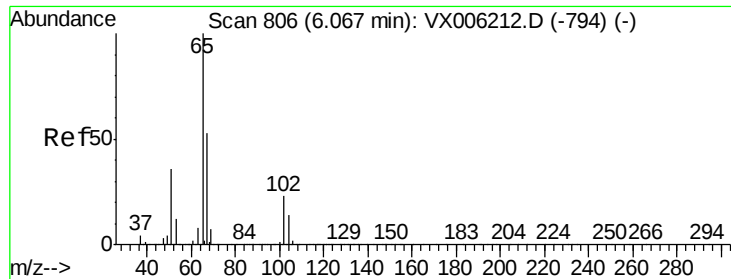
4000

2000

0

Time-->

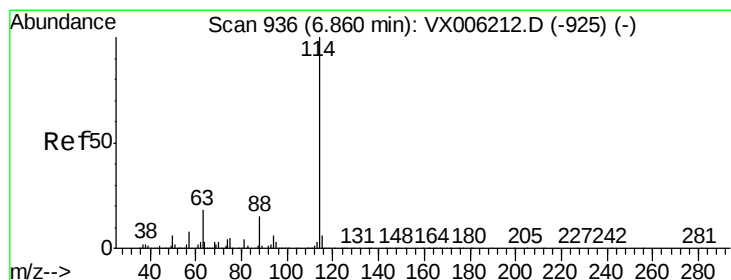
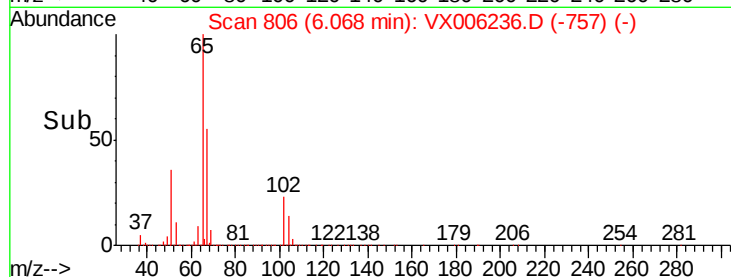
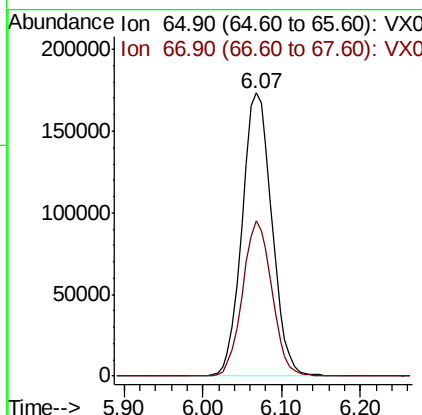
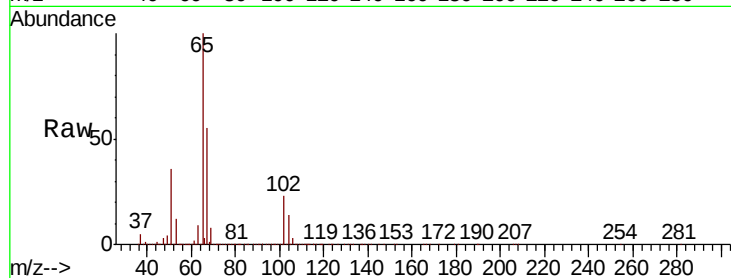




#33
 1,2-Dichloroethane-d4
 Concen: 48.524 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006236.D
 Acq: 30 Nov 2018 17:49

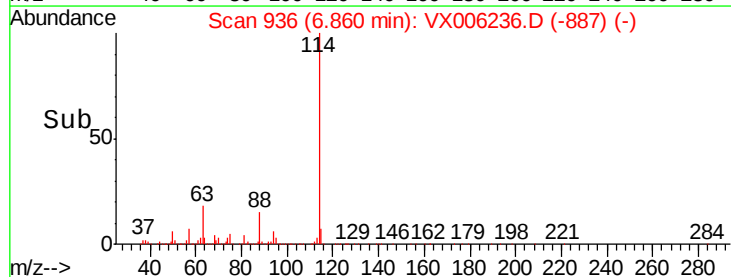
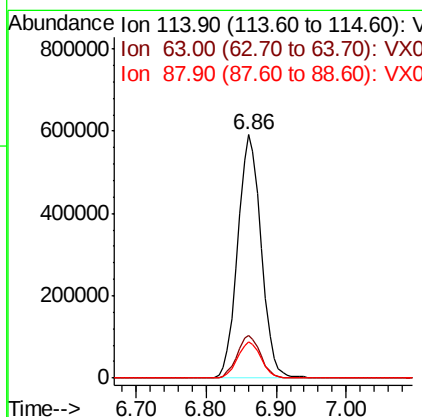
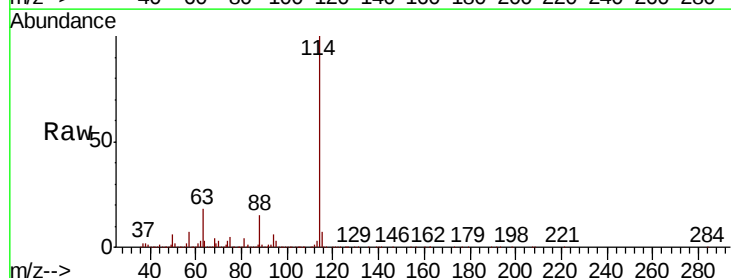
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

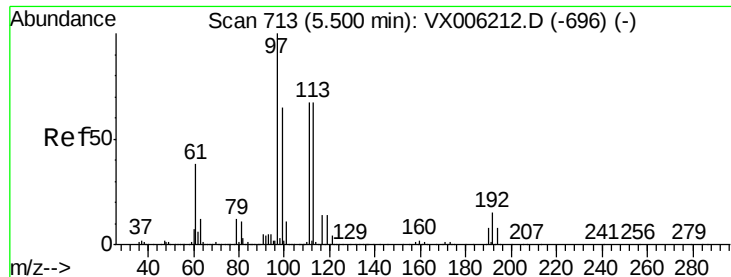
Tot Ion: 65 Resp: 455990
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006236.D
 Acq: 30 Nov 2018 17:49

Tgt Ion: 114 Resp: 1372908
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.997 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006236.D

Acq: 30 Nov 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

MH-G

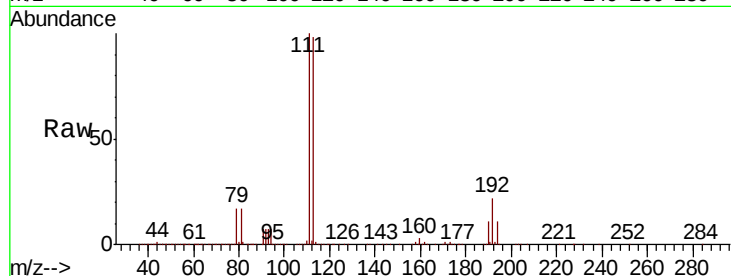
Tot Ion:113 Resp: 435536

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

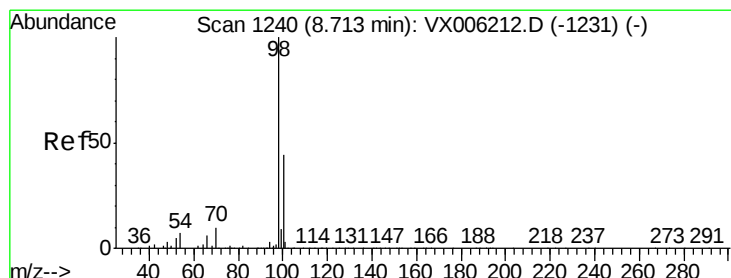
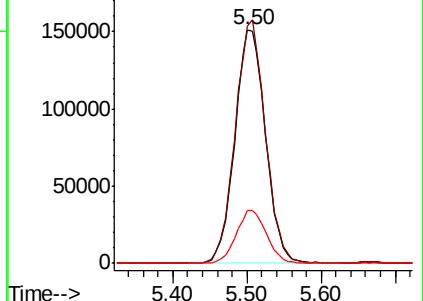
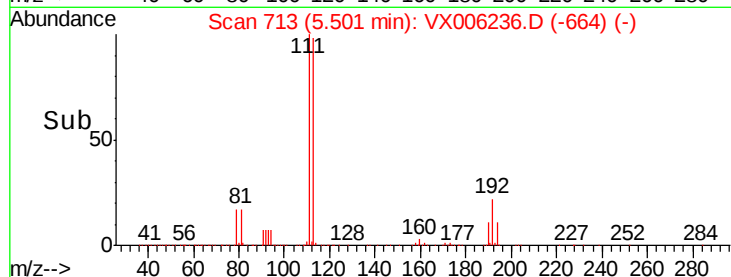
192 22.5 18.2 27.2



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: 49.884 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006236.D

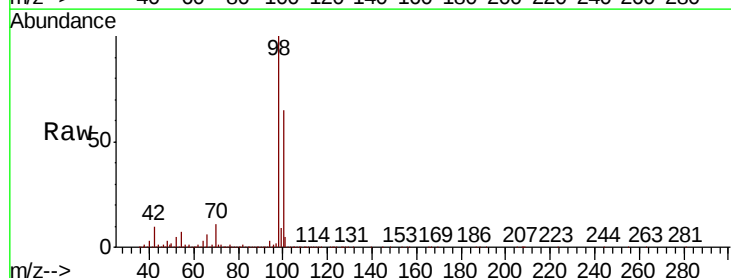
Acq: 30 Nov 2018 17:49

Tgt Ion: 98 Resp: 1612895

Ion Ratio Lower Upper

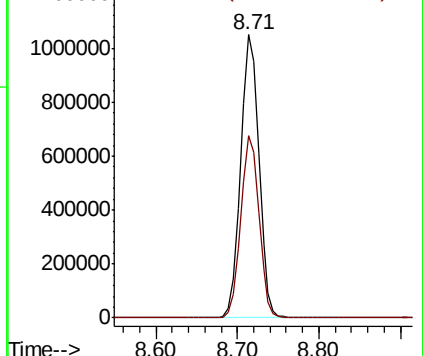
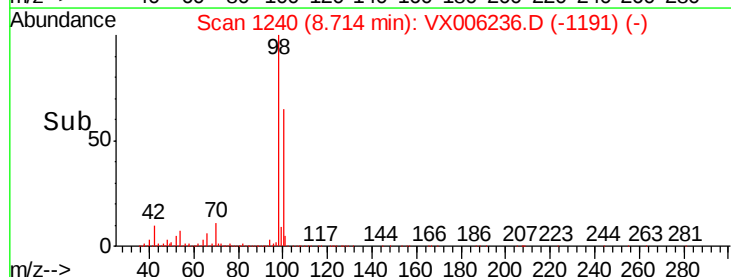
98 100

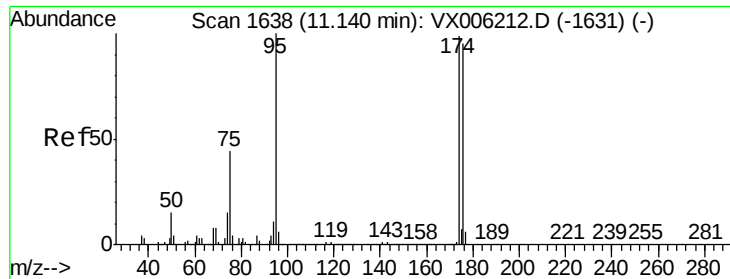
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.230 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006236.D

Acq: 30 Nov 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

MH-G

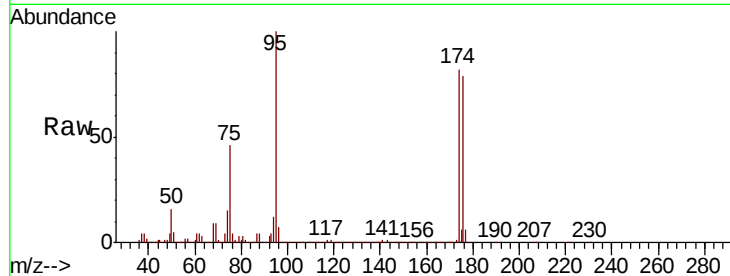
Tot Ion: 95 Resp: 599820

Ion Ratio Lower Upper

95 100

174 89.5 0.0 187.0

176 87.3 0.0 181.8



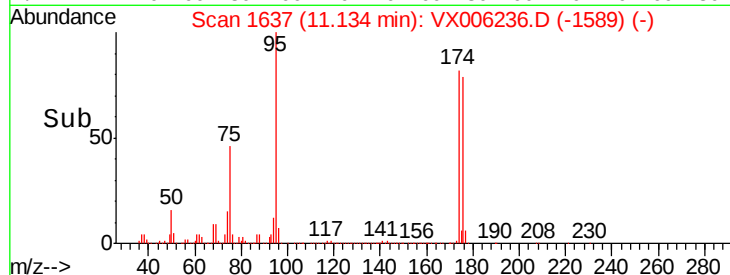
Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

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

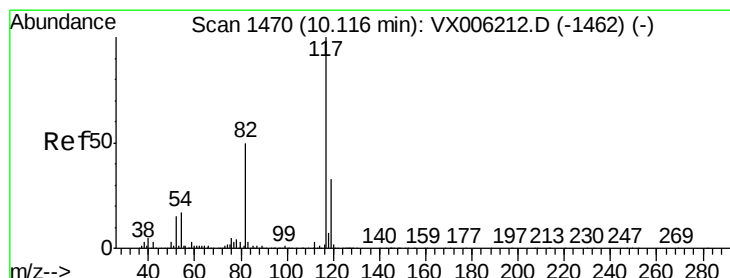
Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

11.13

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006236.D

Acq: 30 Nov 2018 17:49

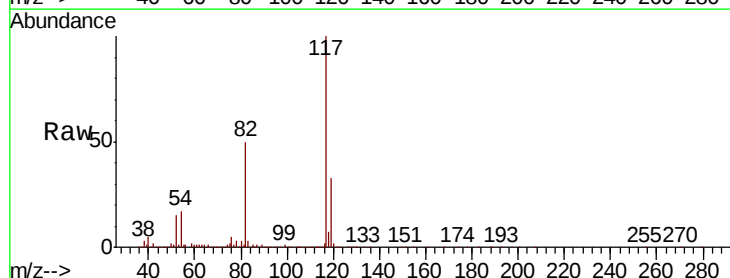
Tgt Ion: 117 Resp: 1253177

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

119 33.0 26.3 39.5



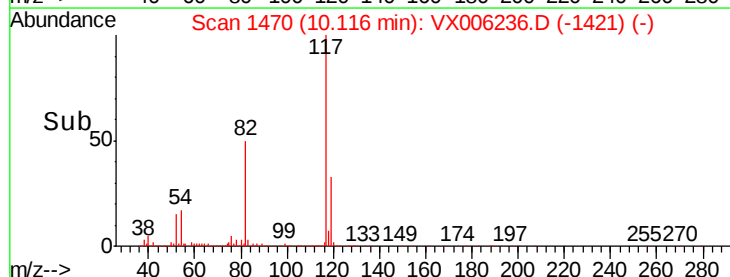
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

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

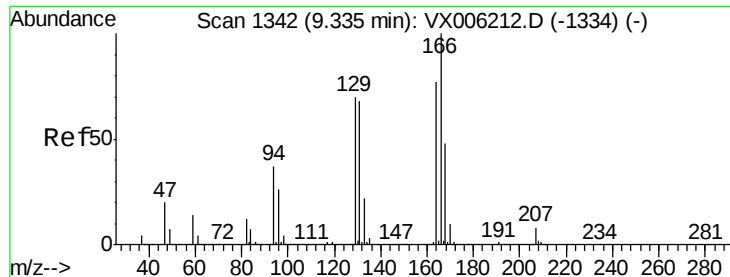
Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

10.12

Time-->



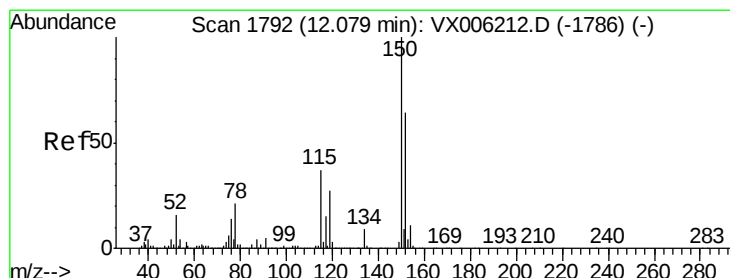
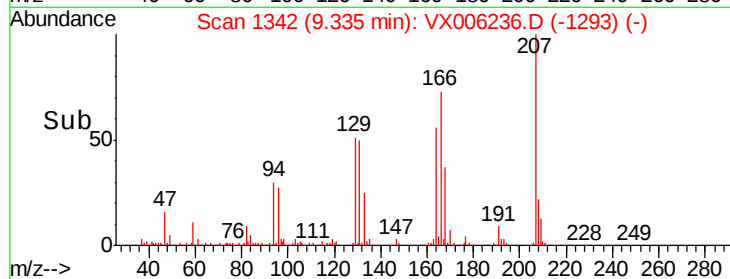
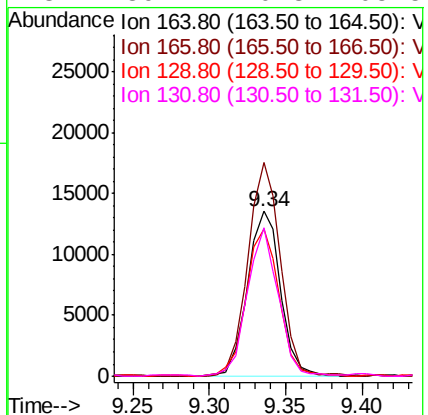
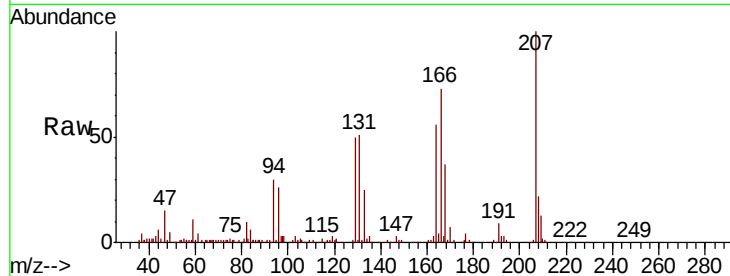
Time-->



#64
Tetrachloroethene
Concen: 2.146 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006236.D
Acq: 30 Nov 2018 17:49

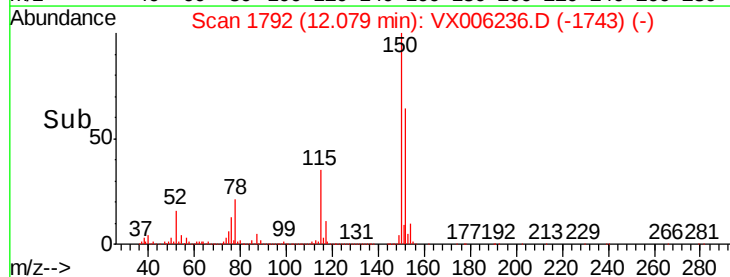
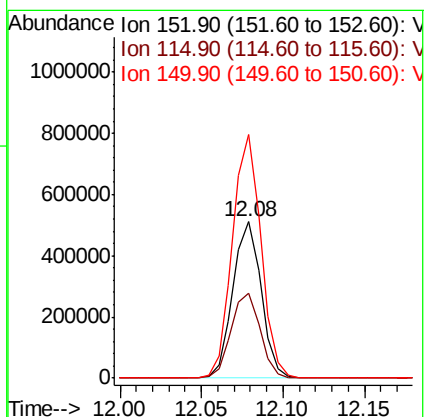
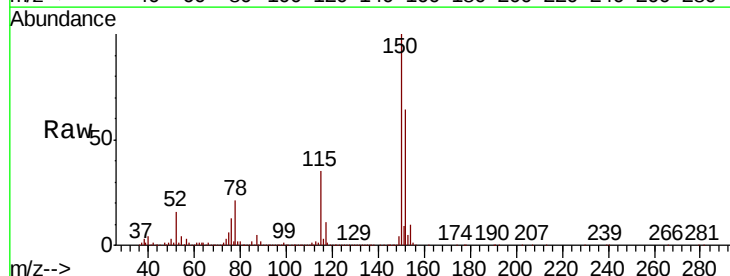
Instrument :
MSVOA_X
ClientSampled :
MH-G

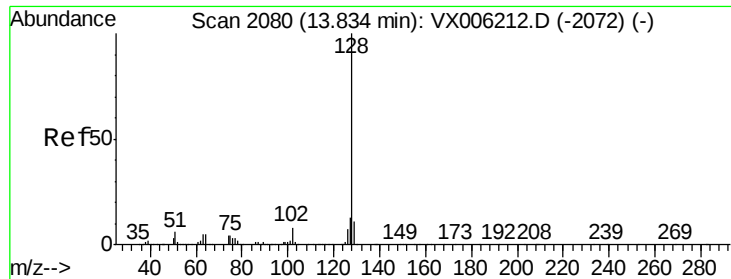
Tot Ion:164 Resp: 20254
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 89.7 72.6 108.8
131 89.2 70.3 105.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006236.D
Acq: 30 Nov 2018 17:49

Tgt Ion:152 Resp: 619242
Ion Ratio Lower Upper
152 100
115 55.3 39.0 116.9
150 156.0 0.0 345.8





#95
Naphthalene
Concen: 0.847 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006236.D
Acq: 30 Nov 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
MH-G

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.4
129	11.9	8.9	13.3

