

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006519.D
 Acq On : 14 Dec 2018 15:38
 Operator : JC/MD
 Sample : J6396-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7B_R1

Quant Time: Dec 17 12:48:25 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

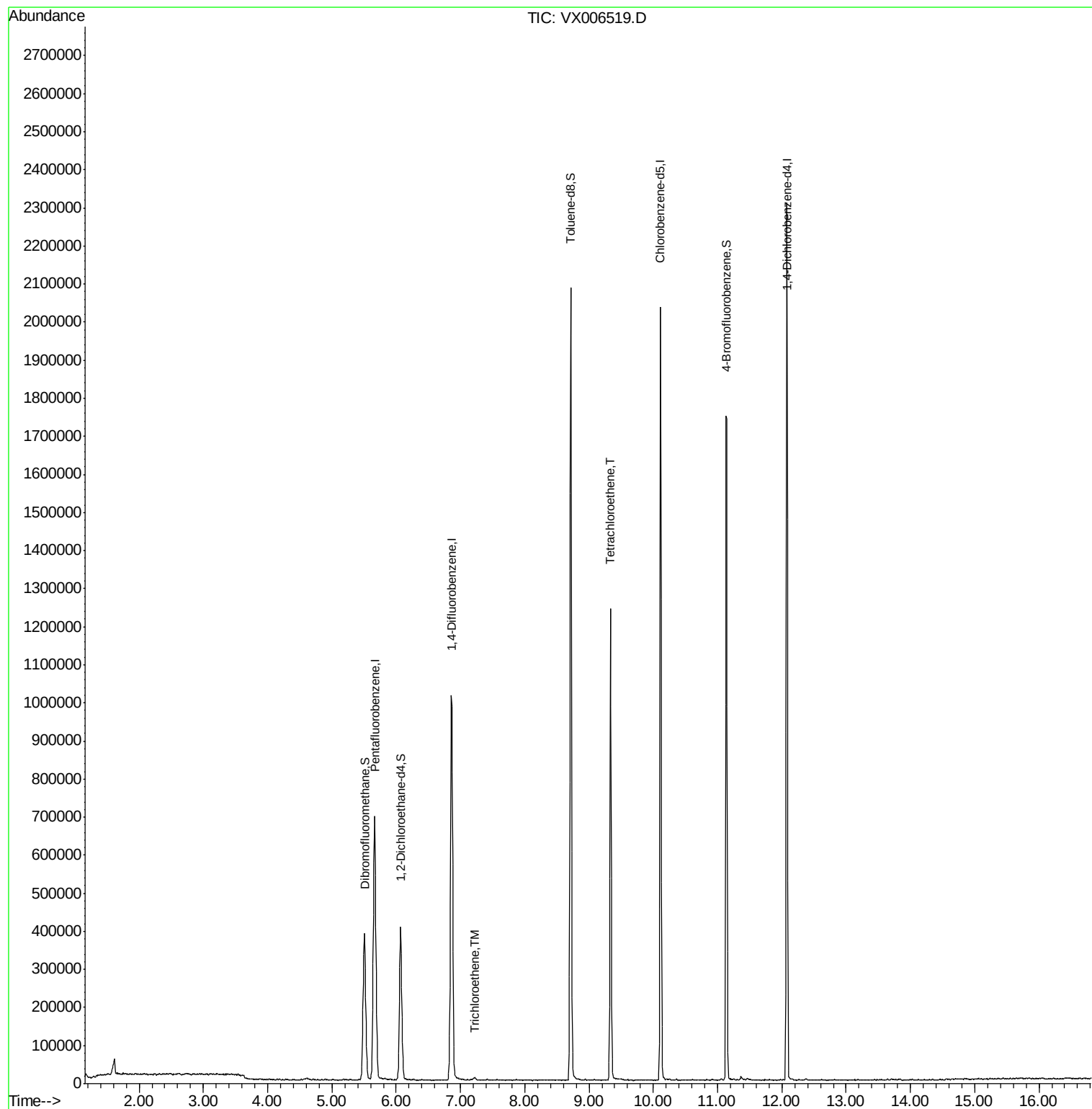
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	703674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1124697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1014472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	483961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	375703	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	332819	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
50) Toluene-d8	8.71	98	1303724	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	484826	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
44) Trichloroethene	7.21	130	2754	0.320	ug/l	98
64) Tetrachloroethene	9.34	164	240660	31.500	ug/l	98

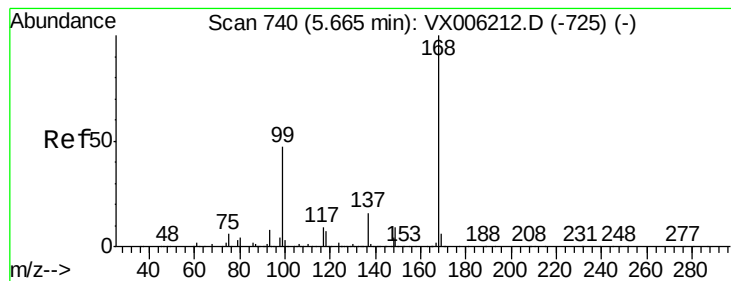
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

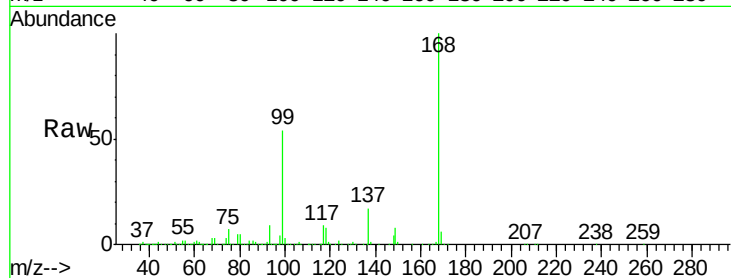
MW-7B_R1

Tgt Ion:168 Resp: 703674

Ion Ratio Lower Upper

168 100

99 53.9 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

250000

200000

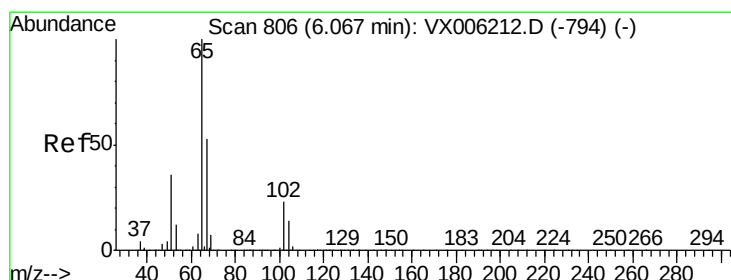
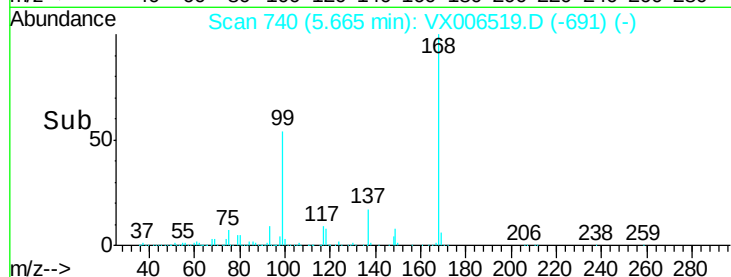
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.302 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006519.D

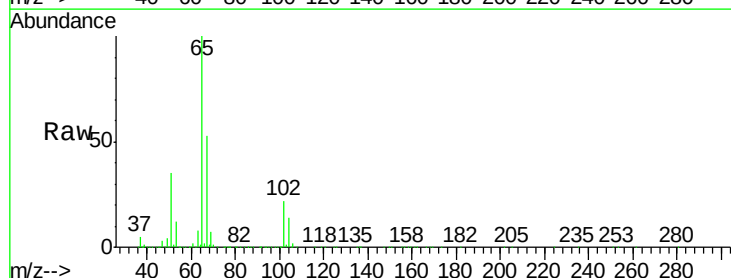
Acq: 14 Dec 2018 15:38

Tgt Ion: 65 Resp: 375703

Ion Ratio Lower Upper

65 100

67 52.6 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

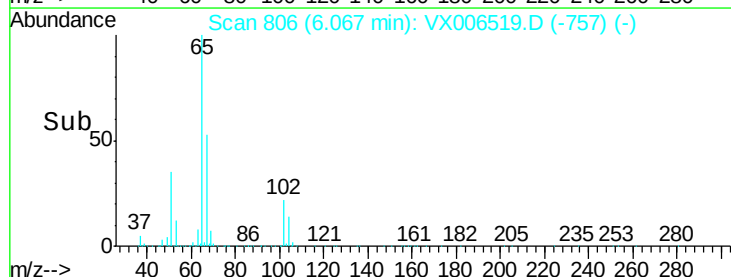
150000

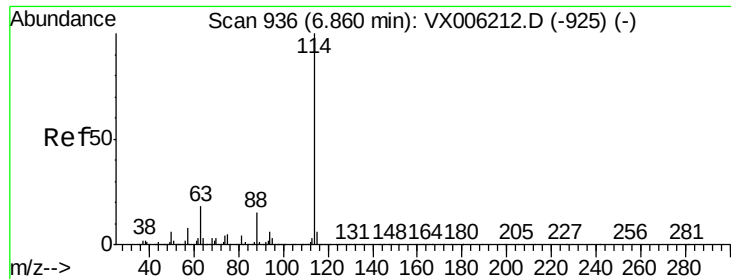
100000

50000

0

Time--> 5.90 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: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

MW-7B_R1

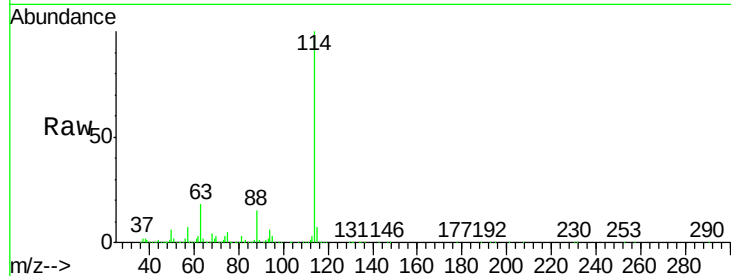
Tgt Ion:114 Resp: 1124697

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

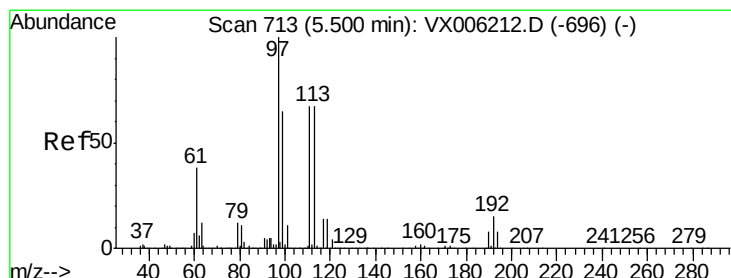
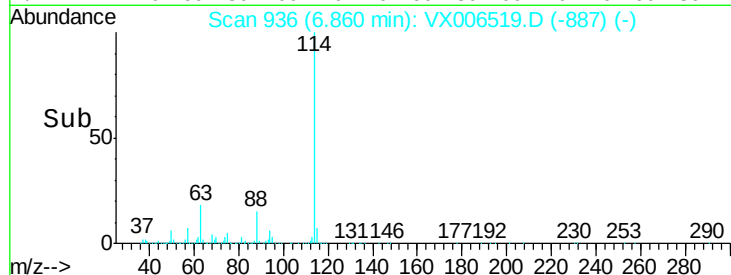
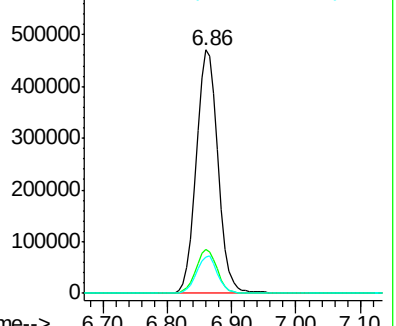
88 14.9 0.0 29.0



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: 45.705 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

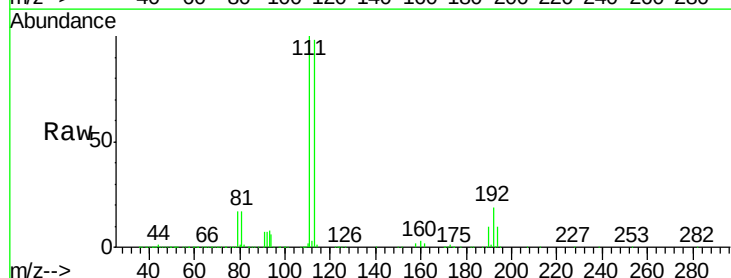
Tgt Ion:113 Resp: 332819

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

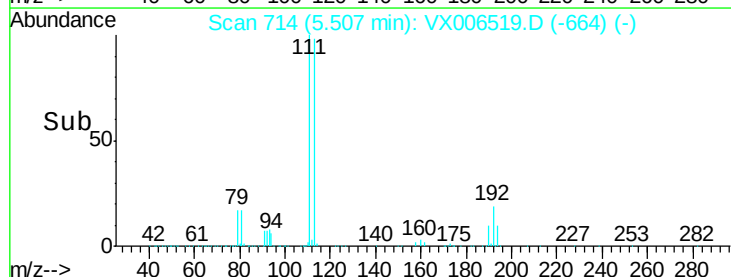
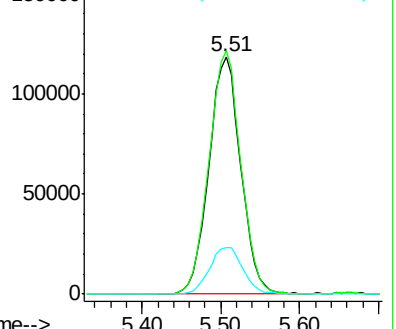
192 20.4 18.2 27.2

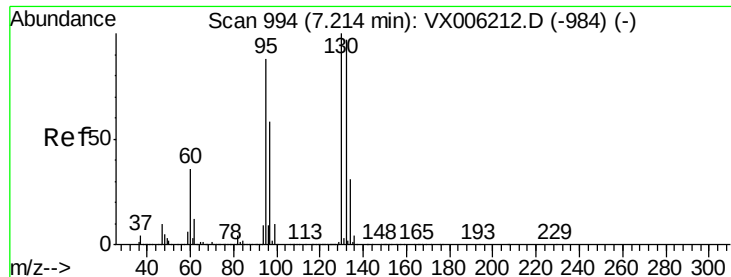


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.320 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

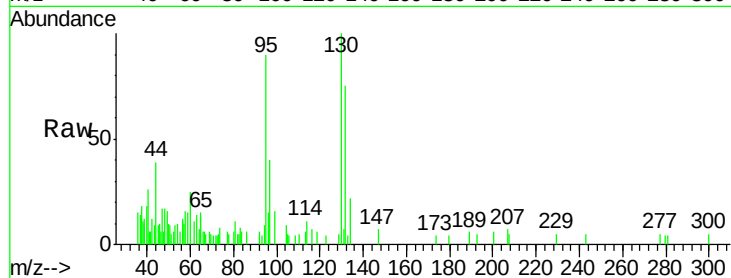
MW-7B_R1

Tgt Ion:130 Resp: 2754

Ion Ratio Lower Upper

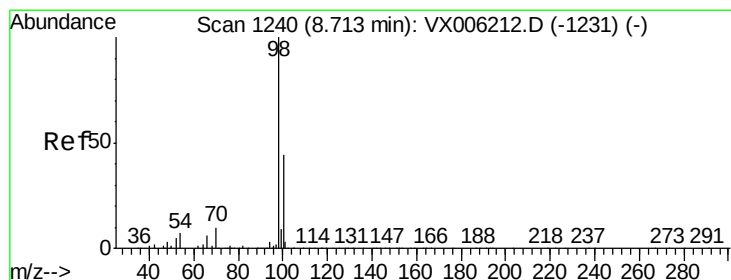
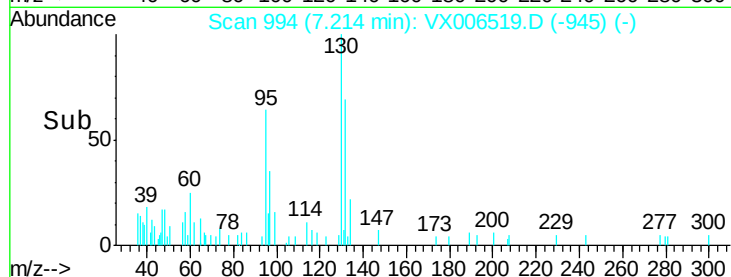
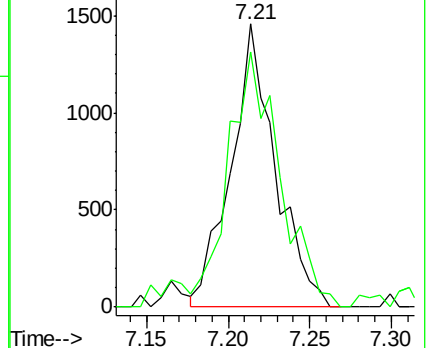
130 100

95 90.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.220 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006519.D

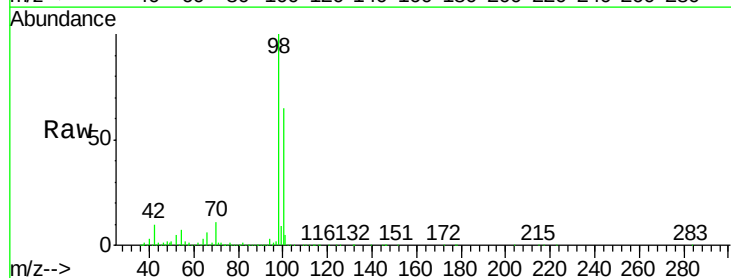
Acq: 14 Dec 2018 15:38

Tgt Ion: 98 Resp: 1303724

Ion Ratio Lower Upper

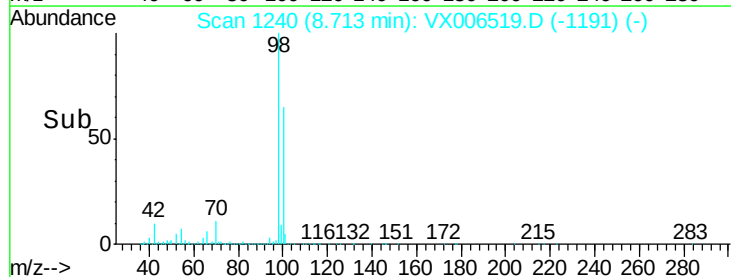
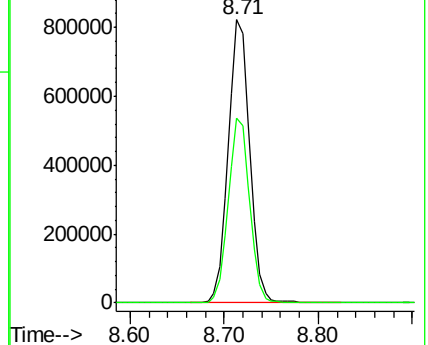
98 100

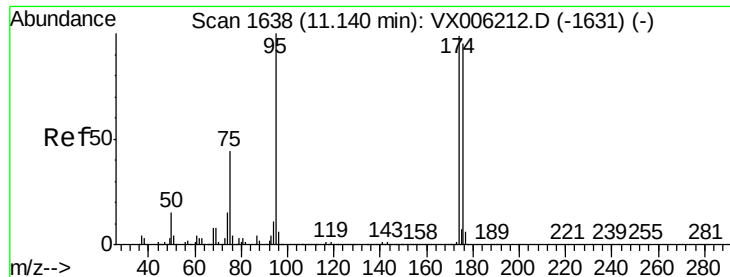
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

MW-7B_R1

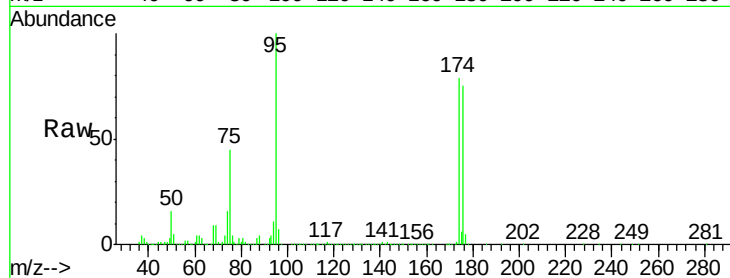
Tgt Ion: 95 Resp: 484826

Ion Ratio Lower Upper

95 100

174 85.6 0.0 187.0

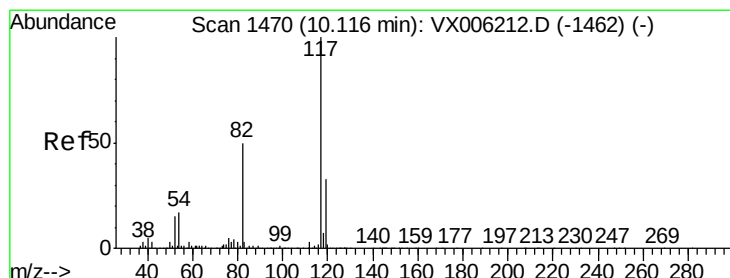
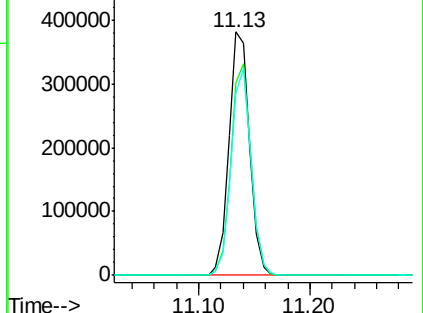
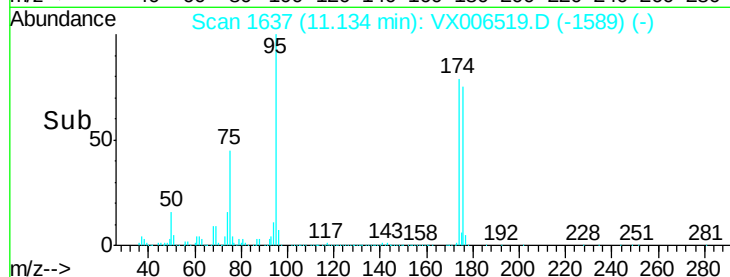
176 83.0 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006519.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006519.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006519.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

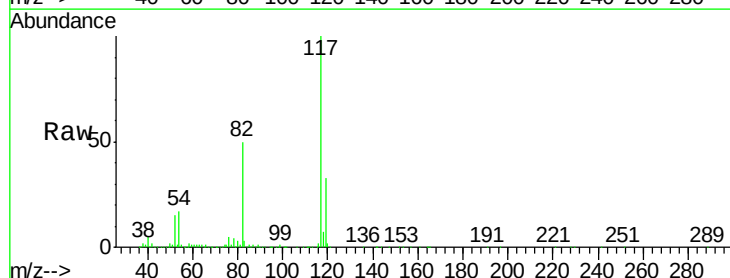
Tgt Ion: 117 Resp: 1014472

Ion Ratio Lower Upper

117 100

82 50.4 39.6 59.4

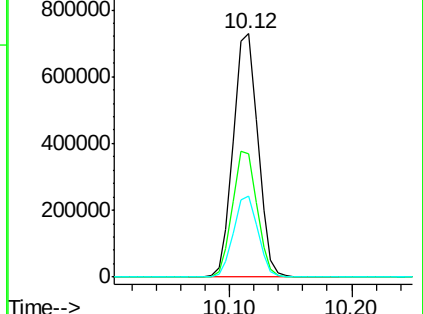
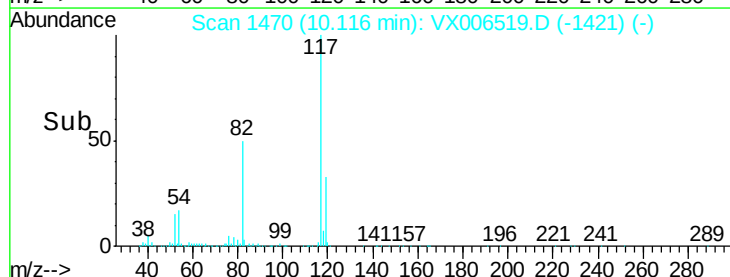
119 33.2 26.3 39.5

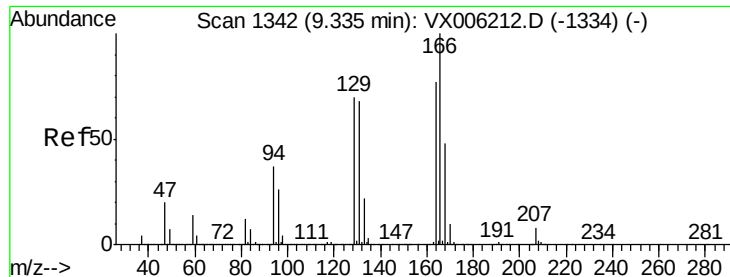


Abundance Ion 116.90 (116.60 to 117.60): VX006519.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006519.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006519.D (-1421) (-)





#64

Tetrachloroethene

Concen: 31.500 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

MW-7B_R1

Tgt Ion:164 Resp: 240660

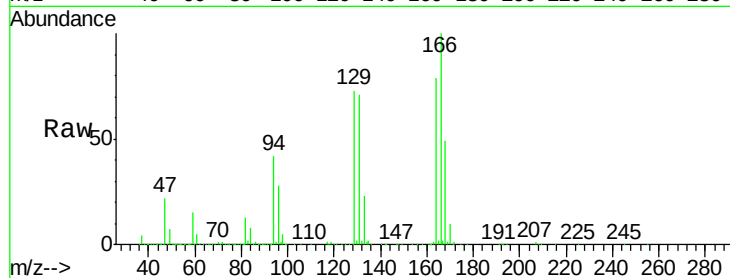
Ion Ratio Lower Upper

164 100

166 126.2 104.2 156.2

129 92.2 72.6 108.8

131 89.1 70.3 105.5

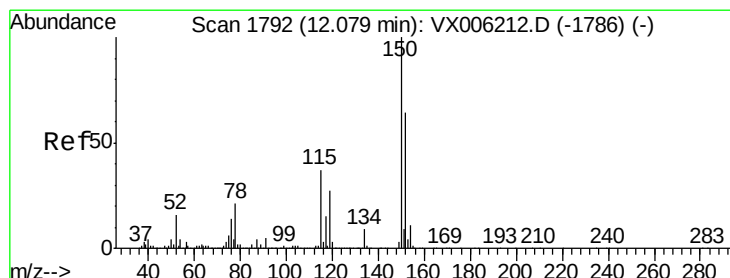
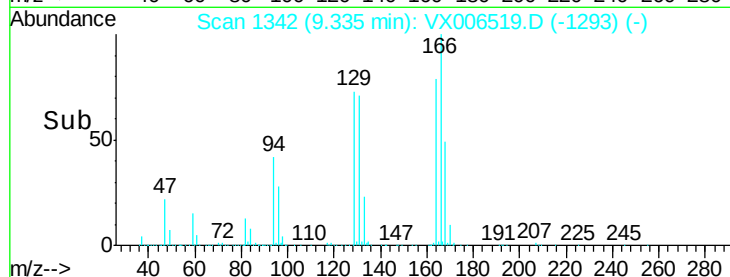
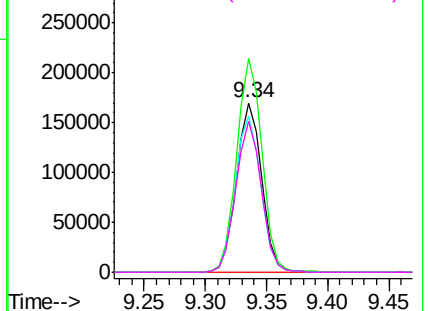


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

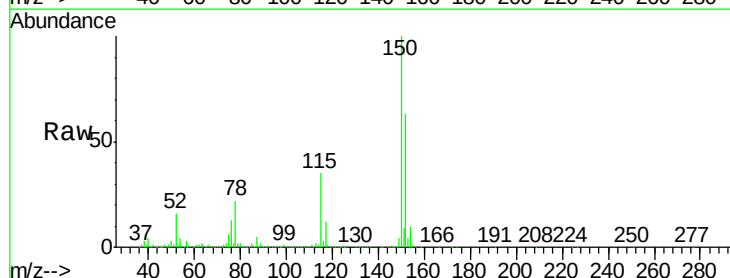
Tgt Ion:152 Resp: 483961

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 157.3 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

