

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006518.D
 Acq On : 14 Dec 2018 15:12
 Operator : JC/MD
 Sample : J6396-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7A_R1

Quant Time: Dec 15 04:57:10 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

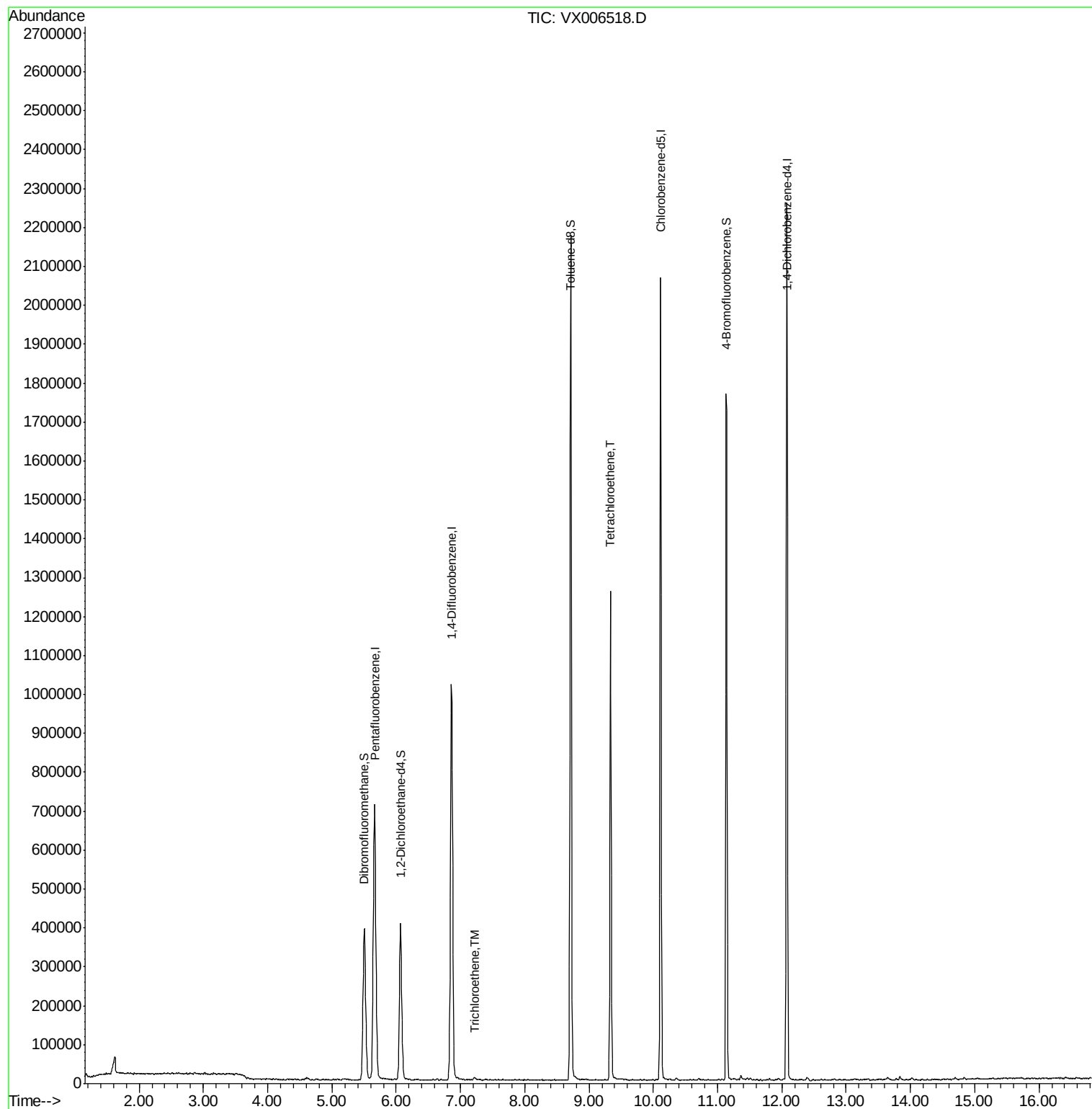
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	729054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1131992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1027021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	494099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	374904	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	5.51	113	340477	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
50) Toluene-d8	8.71	98	1334186	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	485759	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
44) Trichloroethene	7.22	130	2976	0.344	ug/l	96
64) Tetrachloroethene	9.34	164	249327	32.236	ug/l	97

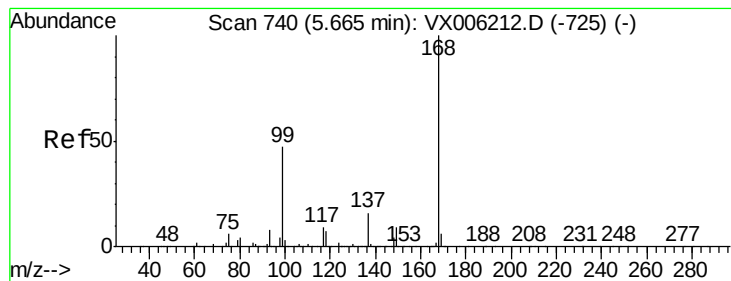
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006518.D

Acq: 14 Dec 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

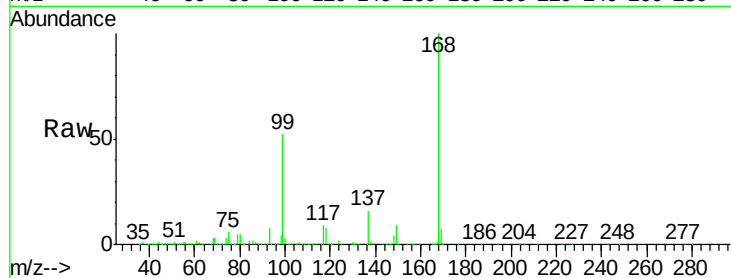
MW-7A_R1

Tgt Ion:168 Resp: 729054

Ion Ratio Lower Upper

168 100

99 52.0 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

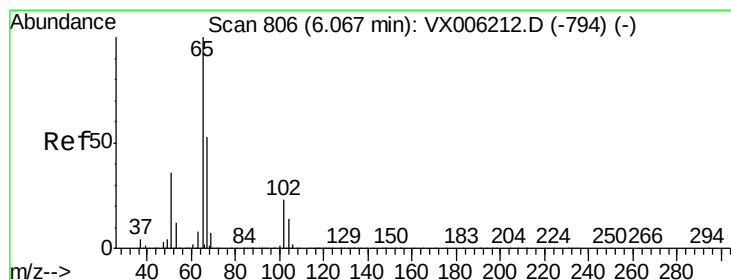
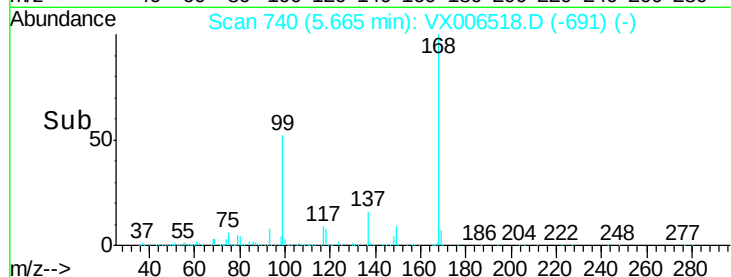
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.374 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006518.D

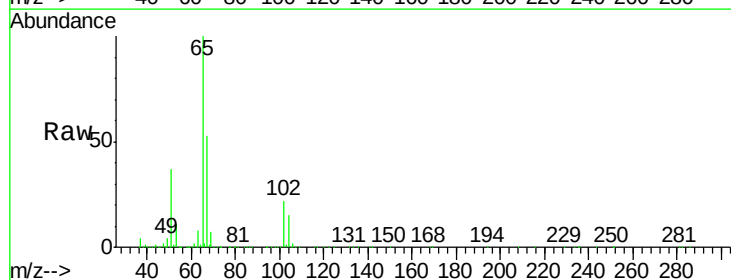
Acq: 14 Dec 2018 15:12

Tgt Ion: 65 Resp: 374904

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

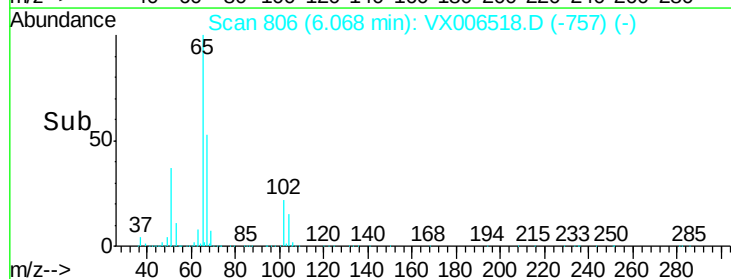
150000

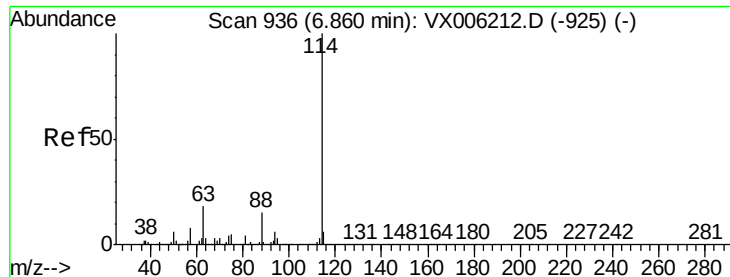
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

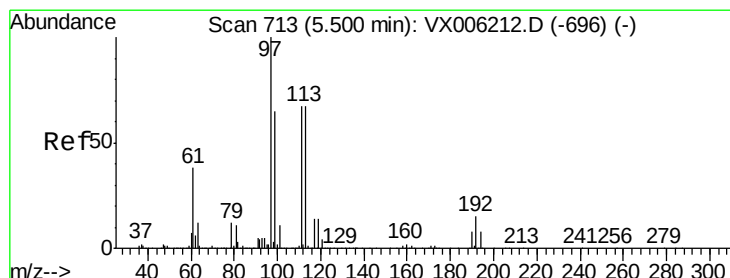
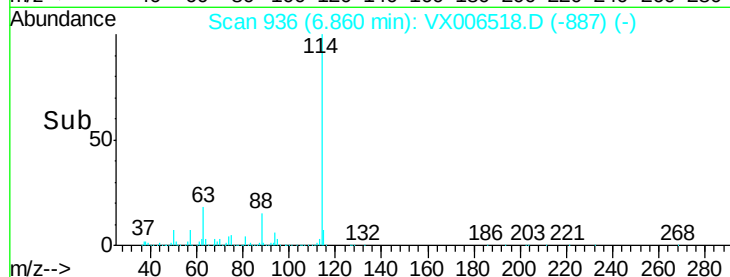
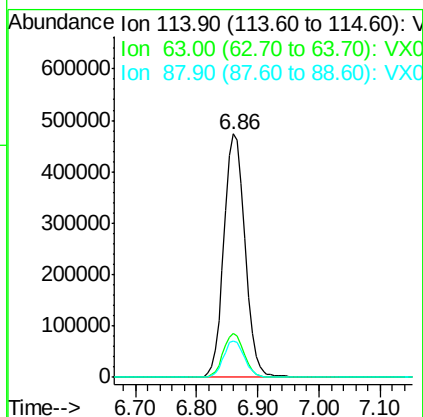
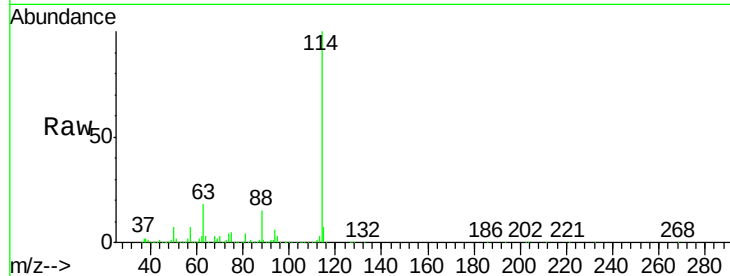




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006518.D
 Acq: 14 Dec 2018 15:12

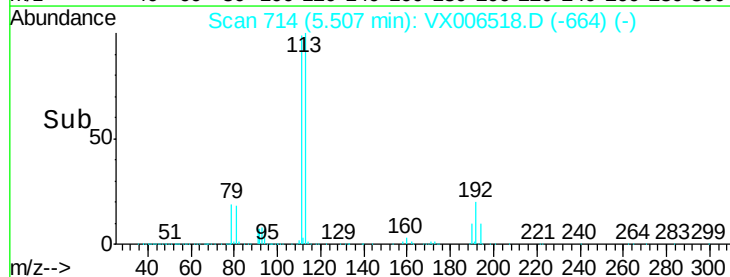
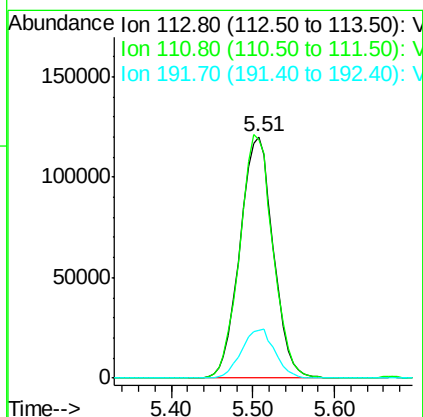
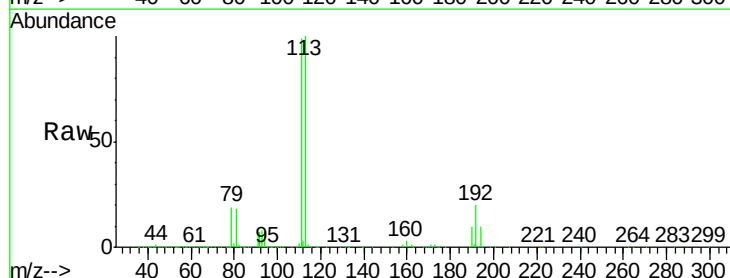
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7A_R1

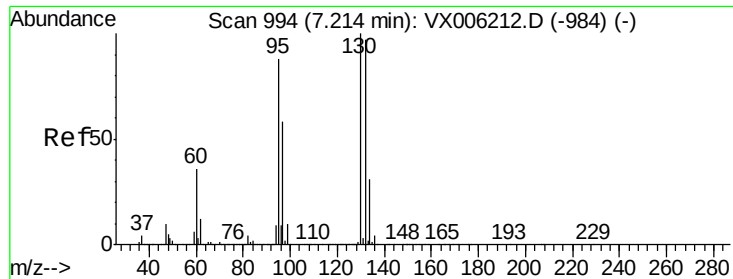
Tgt Ion:114 Resp: 1131992
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.6
 88 14.9 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 46.455 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006518.D
 Acq: 14 Dec 2018 15:12

Tgt Ion:113 Resp: 340477
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.1 121.7
 192 20.3 18.2 27.2





#44

Trichloroethene

Concen: 0.344 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006518.D

Acq: 14 Dec 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

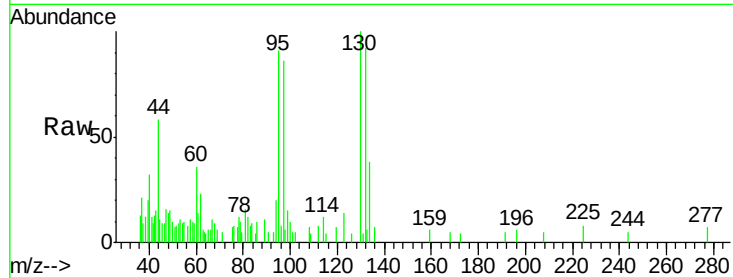
MW-7A_R1

Tgt Ion:130 Resp: 2976

Ion Ratio Lower Upper

130 100

95 91.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1500

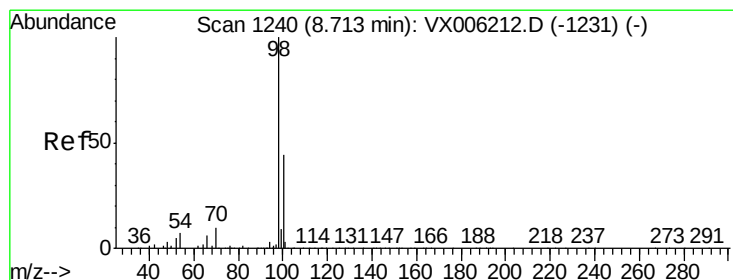
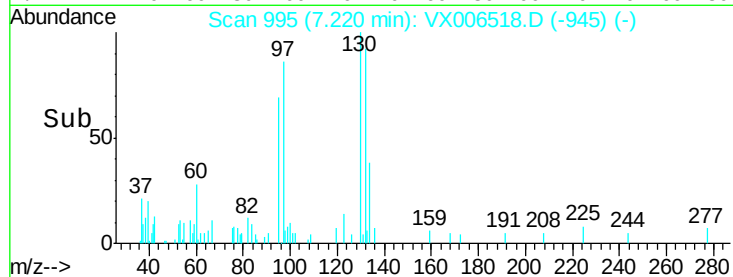
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 50.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006518.D

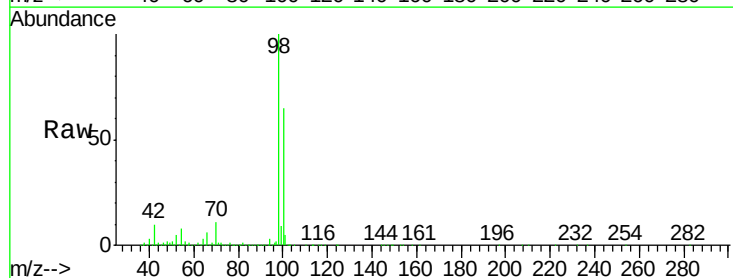
Acq: 14 Dec 2018 15:12

Tgt Ion: 98 Resp: 1334186

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

1000000

800000

600000

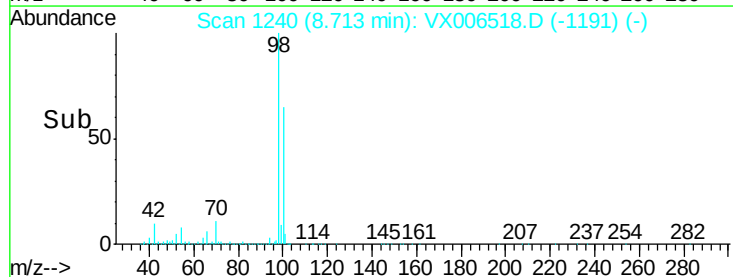
400000

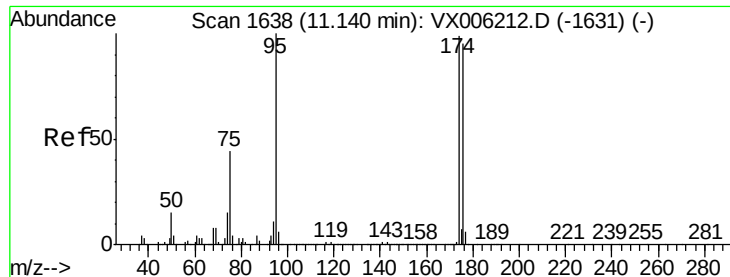
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006518.D

Acq: 14 Dec 2018 15:12

Instrument :

MSVOA_X

ClientSampled :

MW-7A_R1

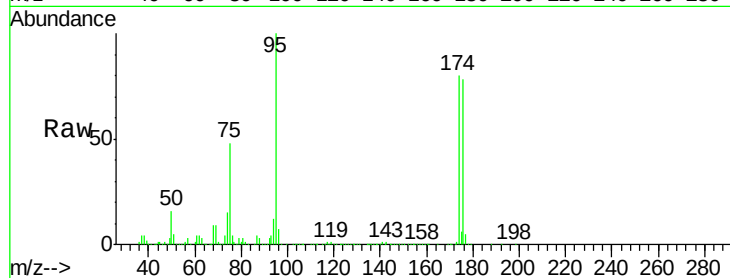
Tgt Ion: 95 Resp: 485759

Ion Ratio Lower Upper

95 100

174 87.4 0.0 187.0

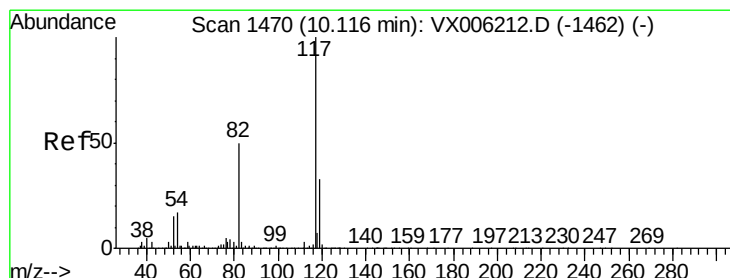
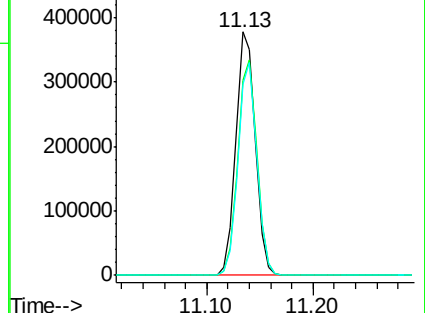
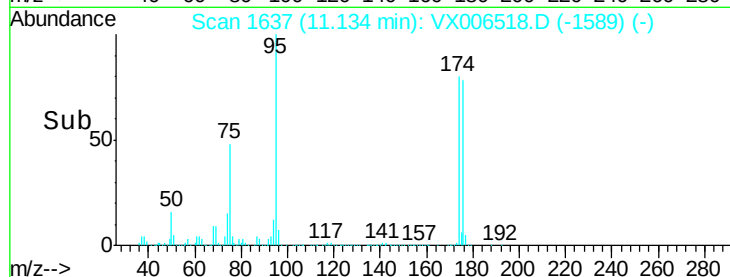
176 85.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006518.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006518.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006518.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006518.D

Acq: 14 Dec 2018 15:12

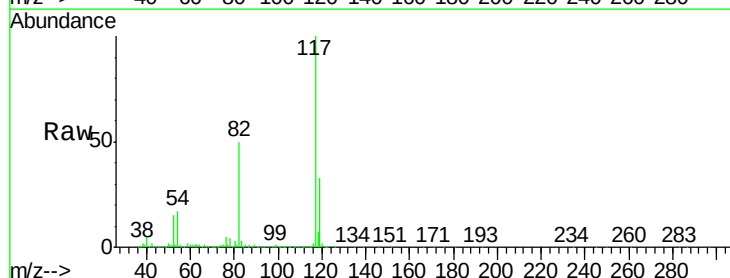
Tgt Ion: 117 Resp: 1027021

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

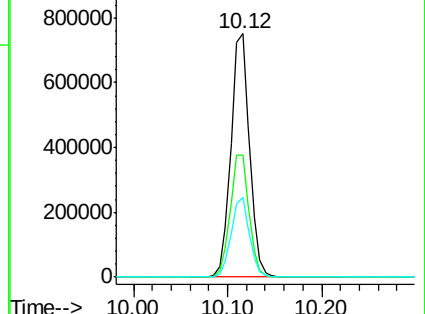
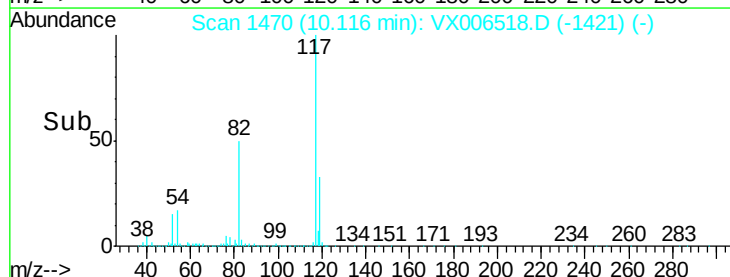
119 32.6 26.3 39.5

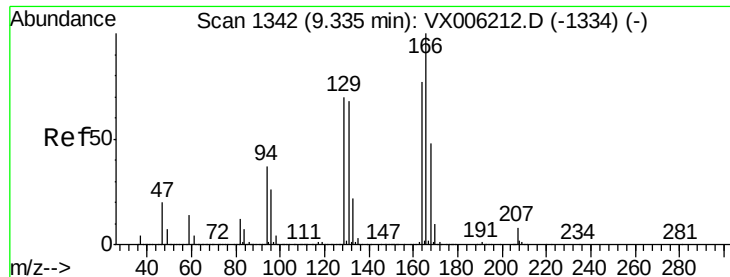


Abundance Ion 116.90 (116.60 to 117.60): VX006518.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006518.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006518.D (-1421) (-)





#64

Tetrachloroethene

Concen: 32.236 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006518.D

Acq: 14 Dec 2018 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-7A_R1

Tgt Ion:164 Resp: 249327

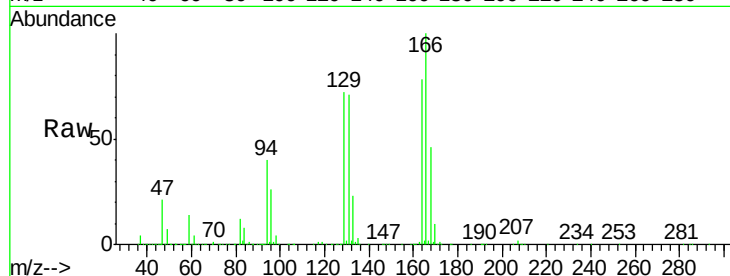
Ion Ratio Lower Upper

164 100

166 128.7 104.2 156.2

129 93.3 72.6 108.8

131 91.8 70.3 105.5



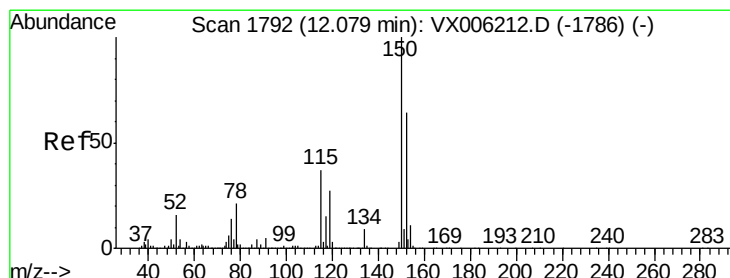
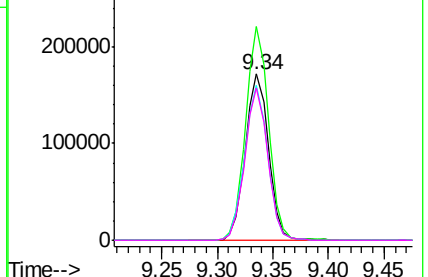
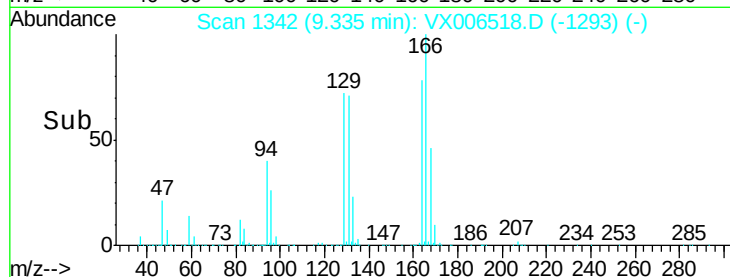
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006518.D

Acq: 14 Dec 2018 15:12

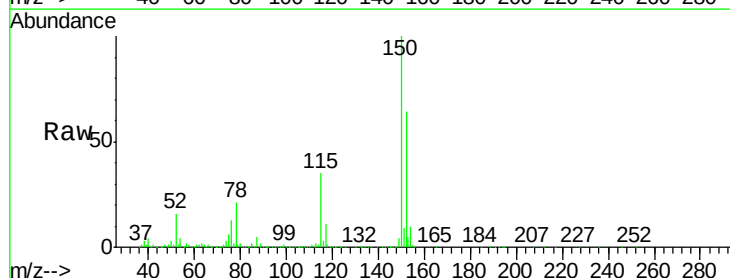
Tgt Ion:152 Resp: 494099

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

150 155.2 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

Time-->

