

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006447.D
 Acq On : 12 Dec 2018 16:13
 Operator : JC/MD
 Sample : J6358-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW04-20181210

Quant Time: Dec 13 09:57:27 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

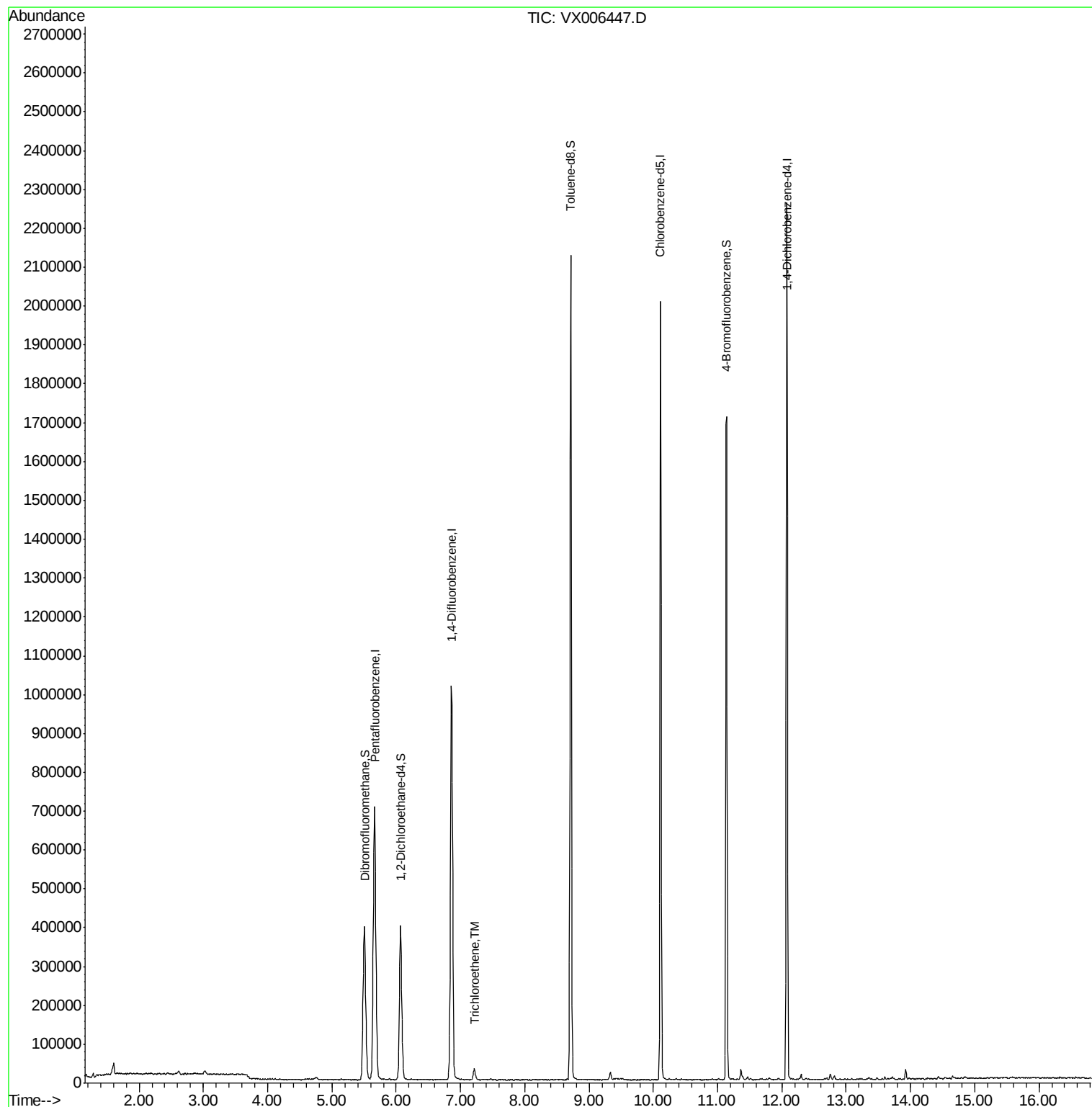
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	719390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1119744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1002729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	484065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	370421	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	338646	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	1294465	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	477251	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
44) Trichloroethene	7.21	130	11804	1.380	ug/l	99

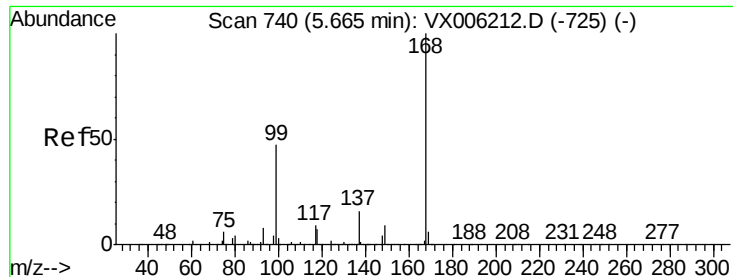
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

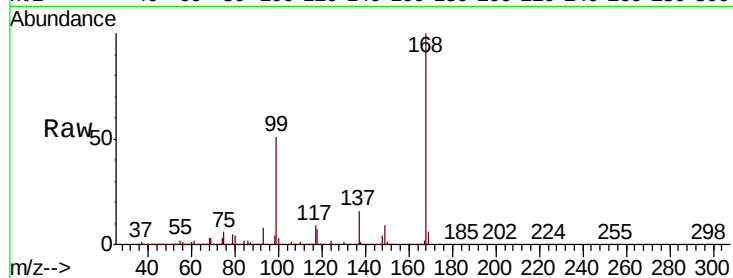
BP-TT-AOC22-MW04-20181210

Tot Ion:168 Resp: 719390

Ion Ratio Lower Upper

168 100

99 51.1 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

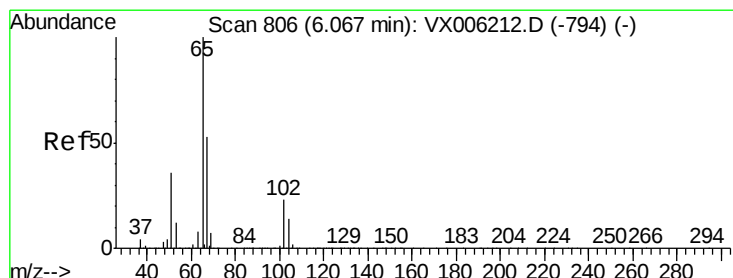
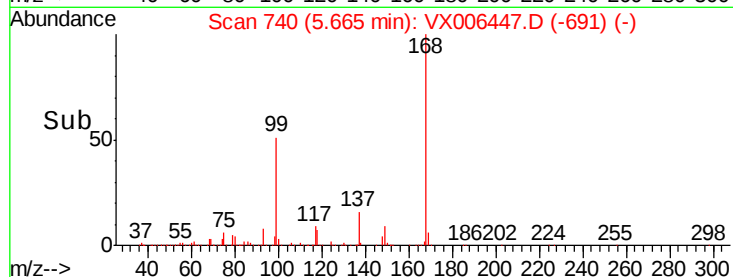
100000

50000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.440 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006447.D

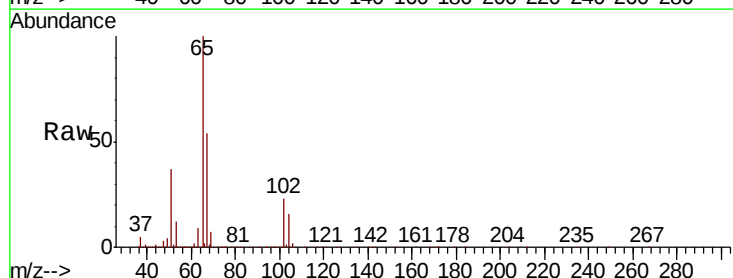
Acq: 12 Dec 2018 16:13

Tgt Ion: 65 Resp: 370421

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

150000

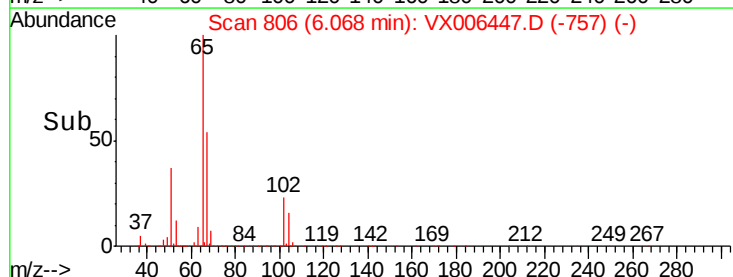
100000

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: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

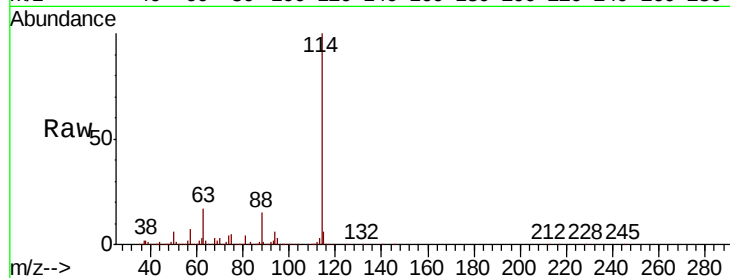
Tot Ion:114 Resp: 1119744

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

88 14.7 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

600000

500000

400000

300000

200000

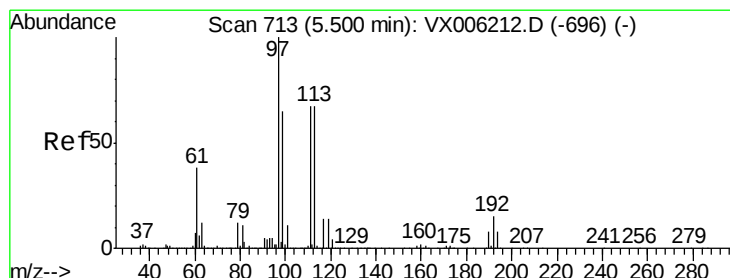
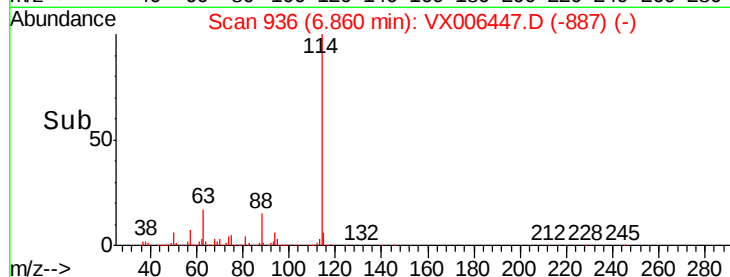
100000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.710 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

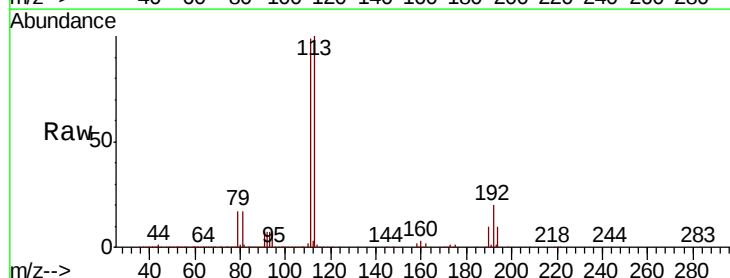
Tgt Ion:113 Resp: 338646

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

192 21.6 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

150000

100000

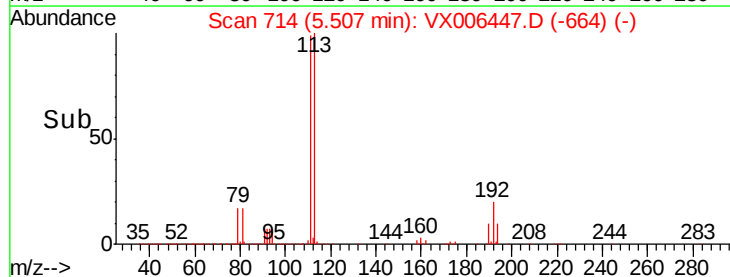
50000

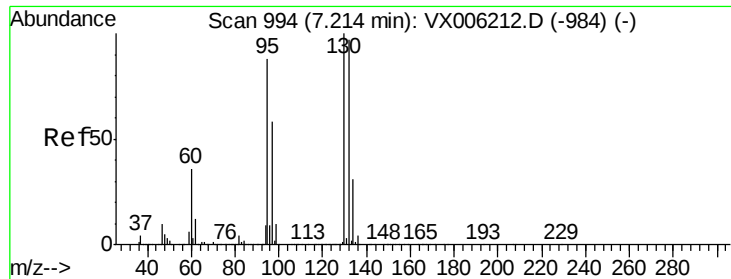
0

5.51

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 1.380 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

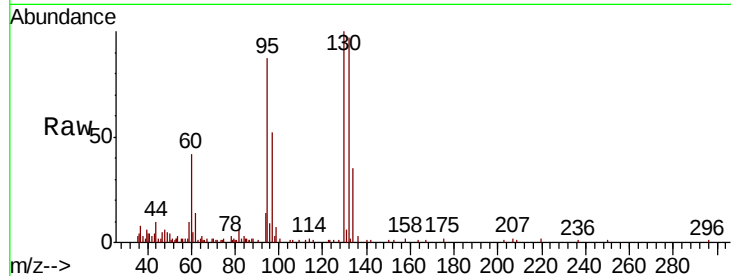
BP-TT-AOC22-MW04-20181210

Tot Ion:130 Resp: 11804

Ion Ratio Lower Upper

130 100

95 87.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

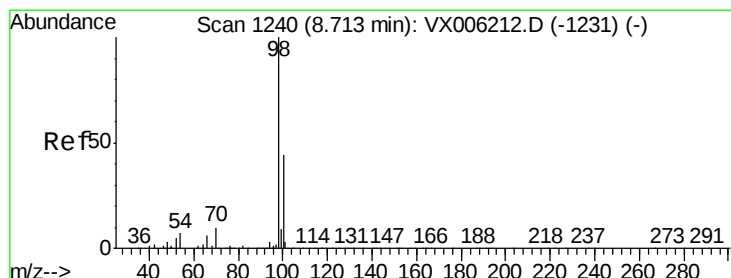
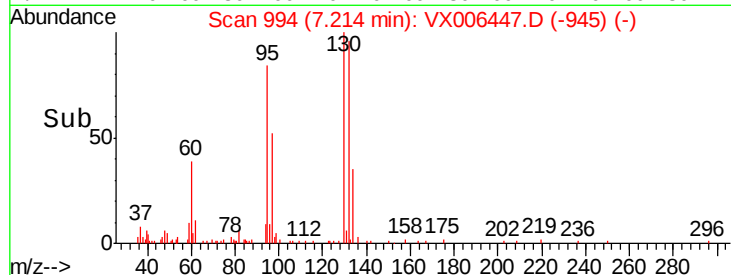
4000

2000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 49.087 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006447.D

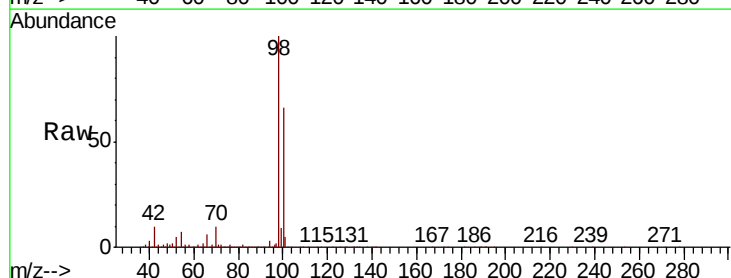
Acq: 12 Dec 2018 16:13

Tgt Ion: 98 Resp: 1294465

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): V

1000000

800000

600000

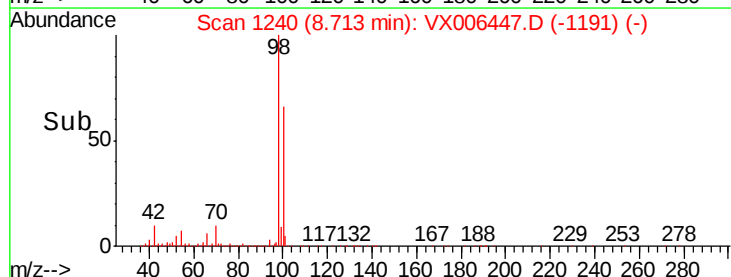
400000

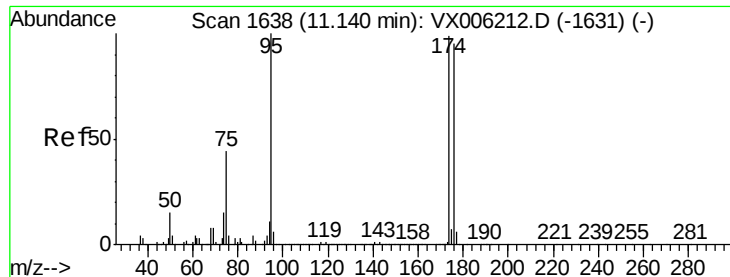
200000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

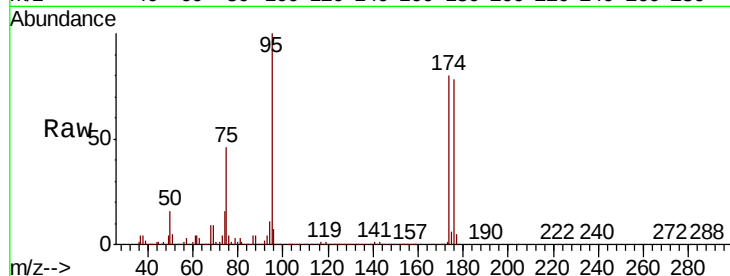
Tot Ion: 95 Resp: 477251

Ion Ratio Lower Upper

95 100

174 86.2 0.0 187.0

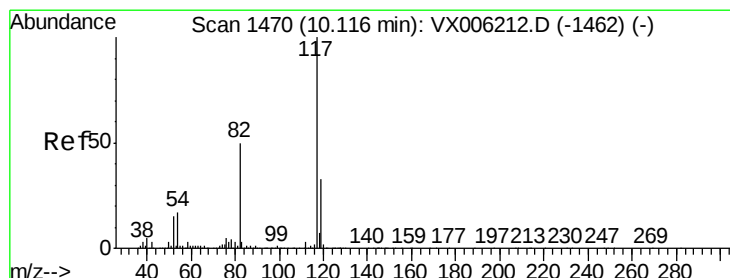
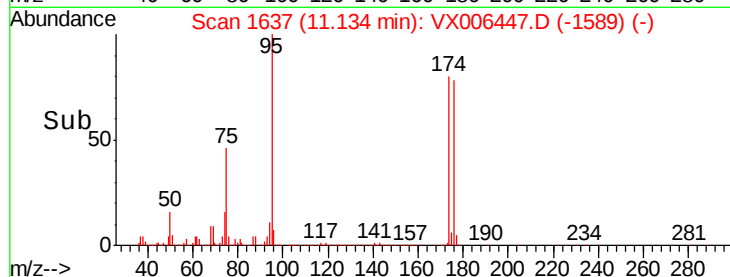
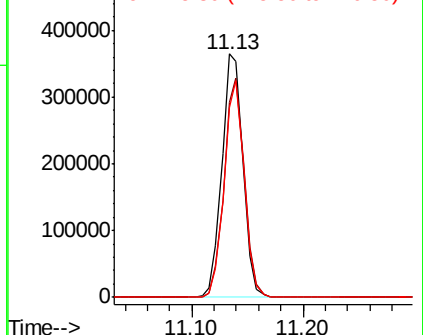
176 84.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006447.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006447.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006447.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

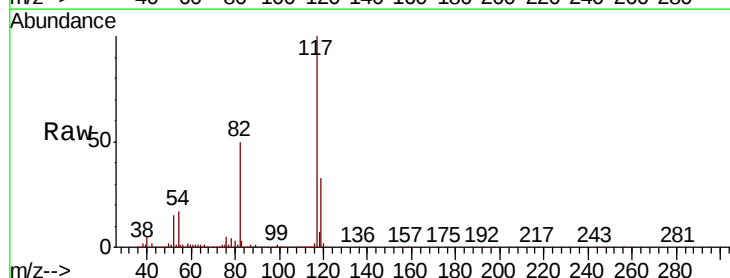
Tgt Ion: 117 Resp: 1002729

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

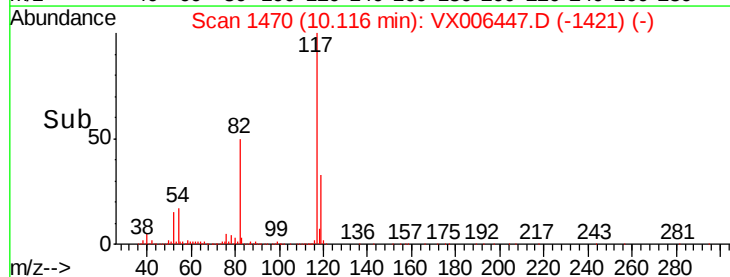
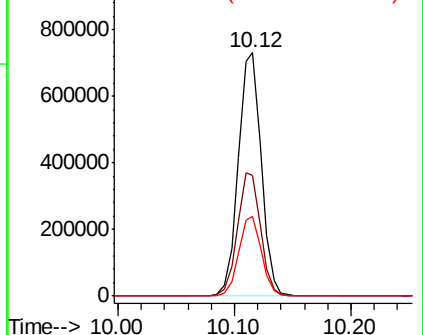
119 32.6 26.3 39.5

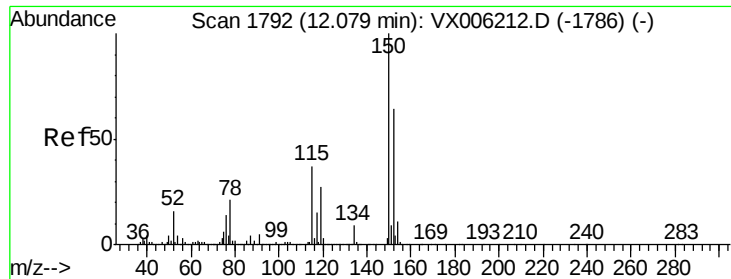


Abundance Ion 116.90 (116.60 to 117.60): VX006447.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006447.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006447.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

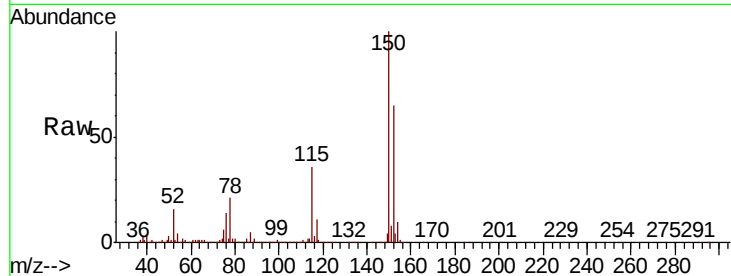
Tot Ion:152 Resp: 484065

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

150 156.8 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

