

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006324.D
 Acq On : 06 Dec 2018 17:51
 Operator : JC/MD
 Sample : J6259-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306S-20181204

Quant Time: Dec 07 05:50:08 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

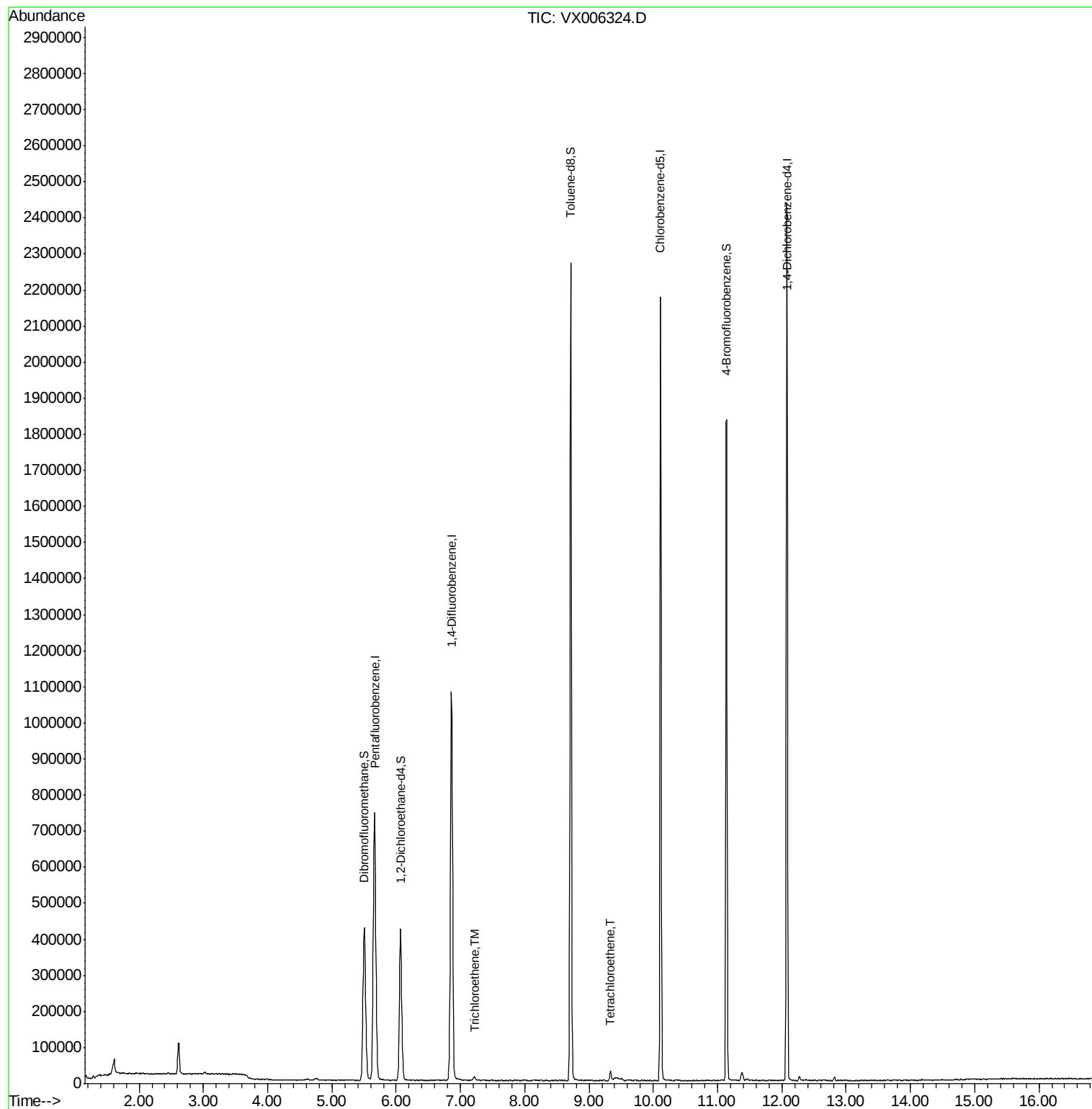
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	764961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1181477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1079100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	390350	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.51	113	371273	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1382801	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	511198	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
Target Compounds						
44) Trichloroethene	7.22	130	5059	0.560	ug/l	93
64) Tetrachloroethene	9.34	164	3547	0.436	ug/l	96

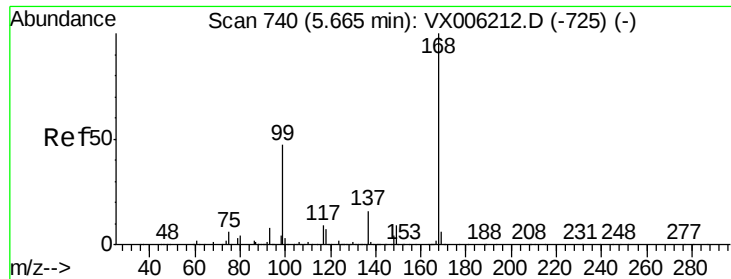
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006324.D

Acq: 06 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

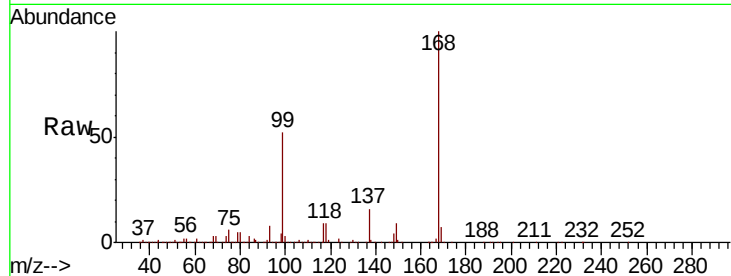
BPS1-TT-MW306S-20181204

Tot Ion:168 Resp: 764961

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

300000

250000

200000

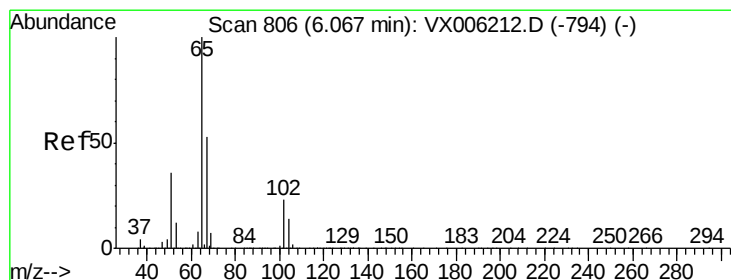
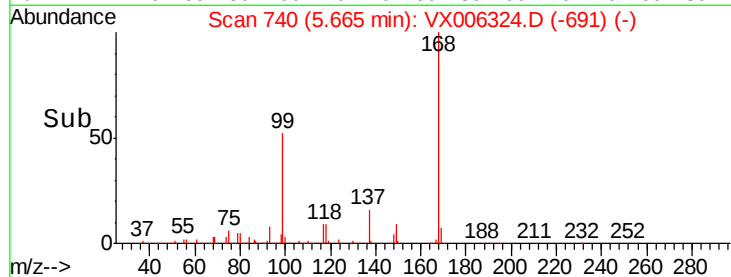
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.987 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006324.D

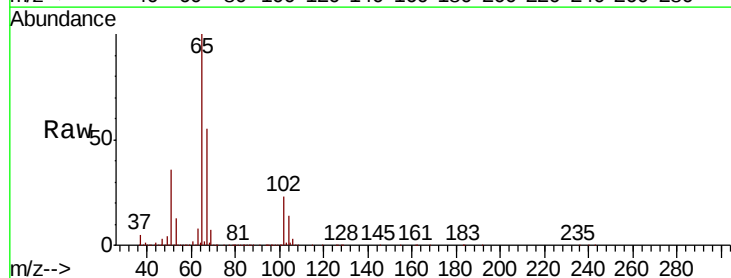
Acq: 06 Dec 2018 17:51

Tgt Ion: 65 Resp: 390350

Ion Ratio Lower Upper

65 100

67 53.7 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

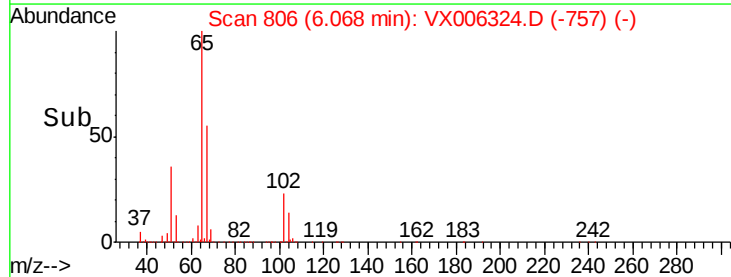
150000

100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

Instrument :

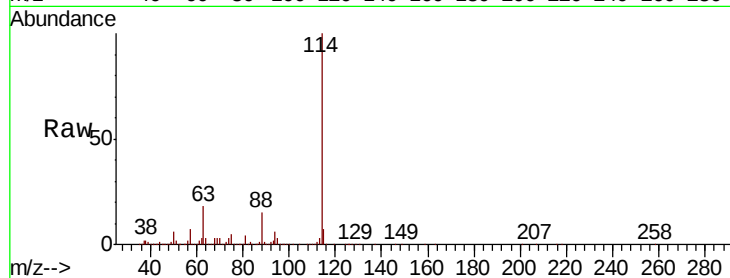
MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20181204

Tot Ion:114 Resp: 1181477

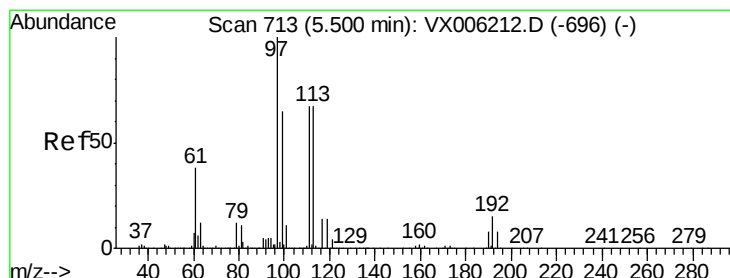
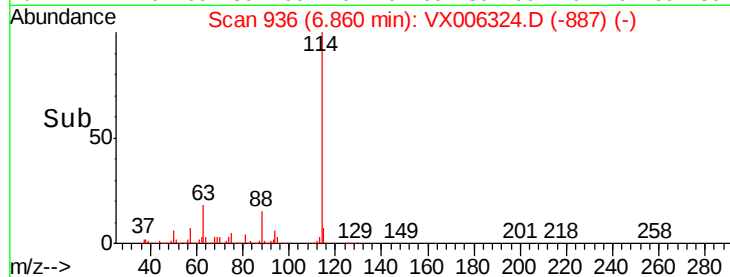
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	15.2	0.0	29.0



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: 48.535 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

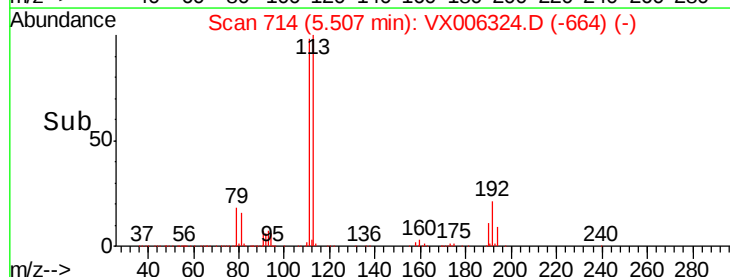
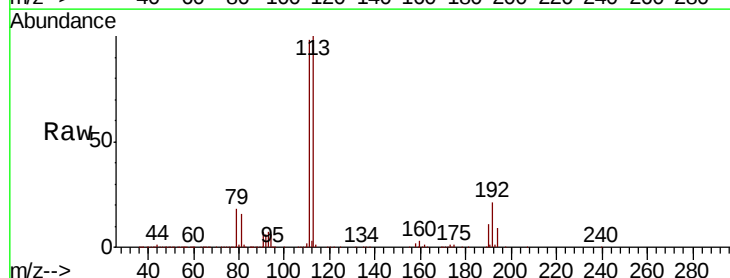
Tgt Ion:113 Resp: 371273

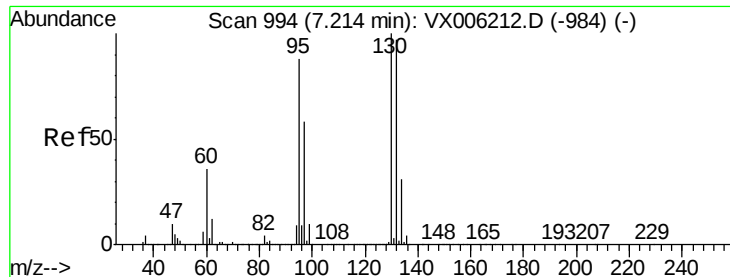
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	21.5	18.2	27.2

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





#44

Trichloroethene

Concen: 0.560 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

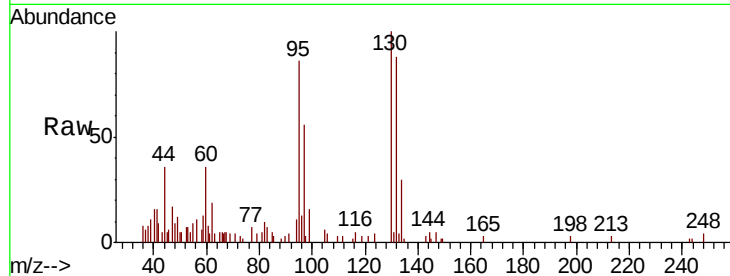
BPS1-TT-MW306S-20181204

Tot Ion:130 Resp: 5059

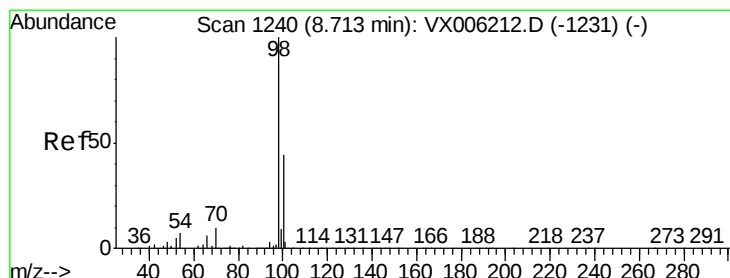
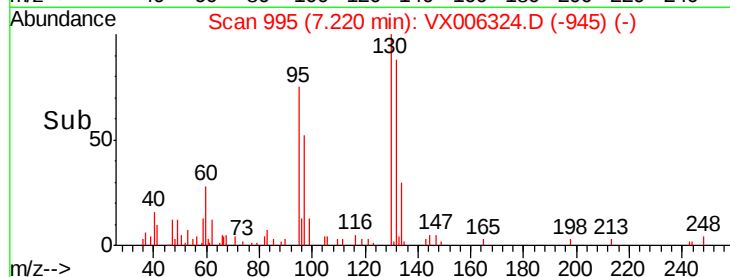
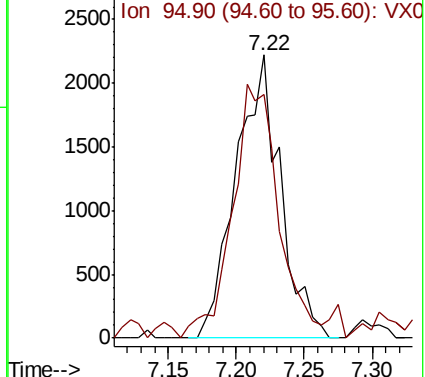
Ion Ratio Lower Upper

130 100

95 81.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 49.697 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006324.D

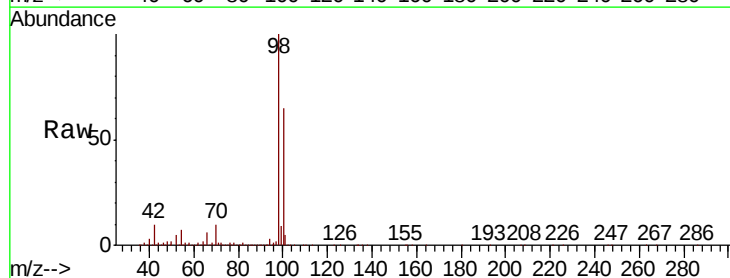
Acq: 06 Dec 2018 17:51

Tgt Ion: 98 Resp: 1382801

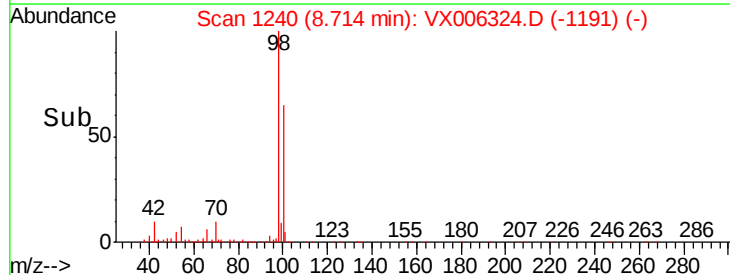
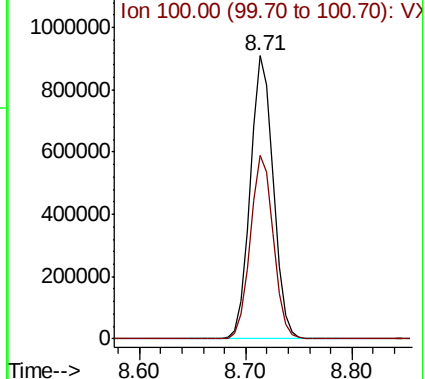
Ion Ratio Lower Upper

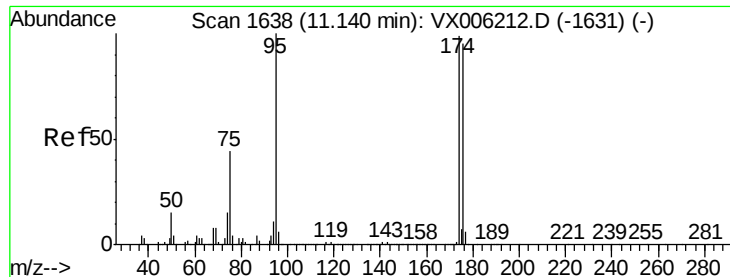
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.754 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20181204

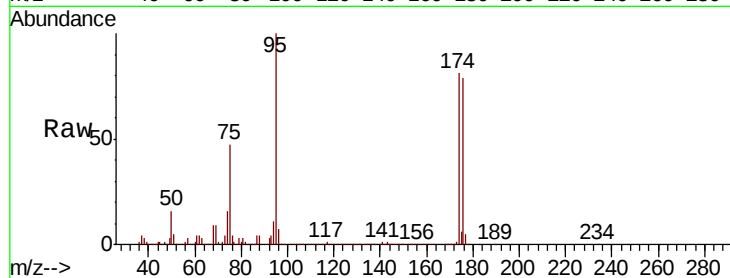
Tot Ion: 95 Resp: 511198

Ion Ratio Lower Upper

95 100

174 88.7 0.0 187.0

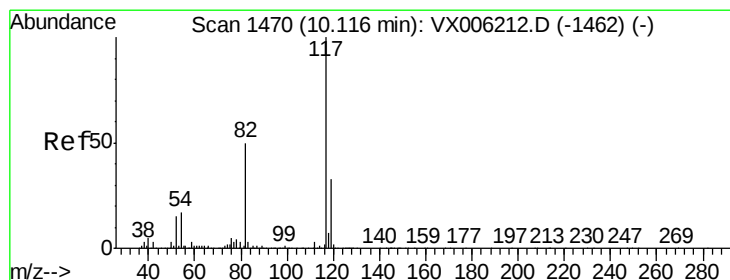
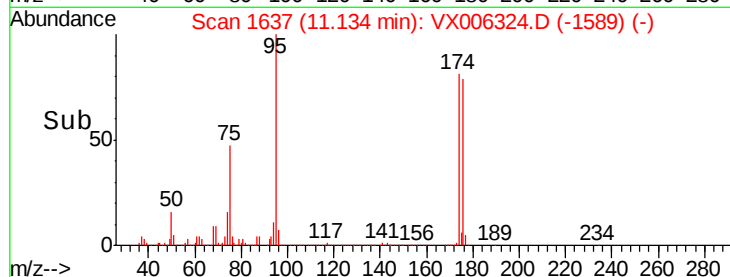
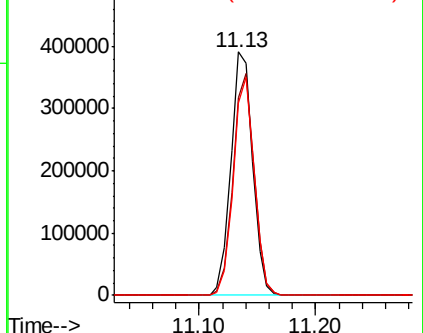
176 86.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

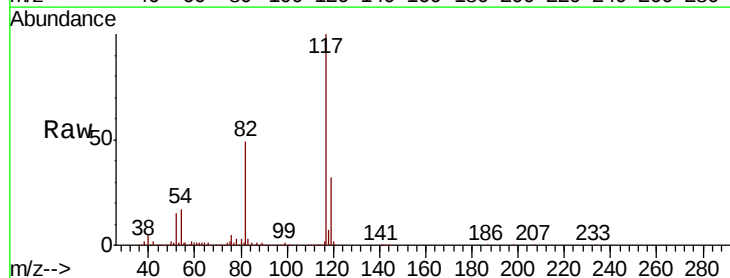
Tgt Ion: 117 Resp: 1079100

Ion Ratio Lower Upper

117 100

82 49.3 39.6 59.4

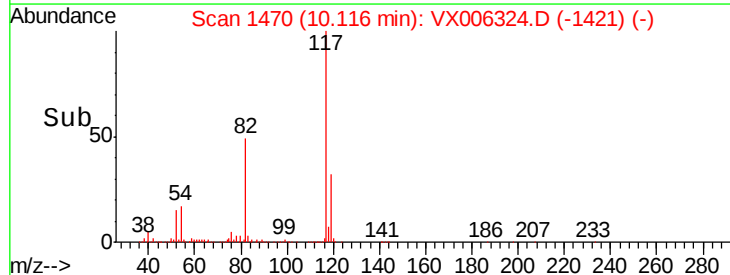
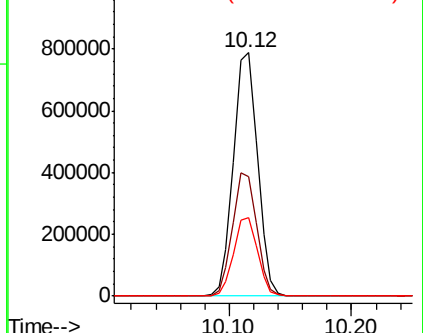
119 32.4 26.3 39.5

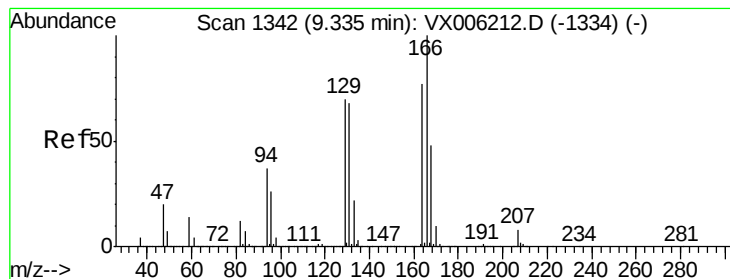


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.436 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006324.D

Acq: 06 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW306S-20181204

Tot Ion:164 Resp: 3547

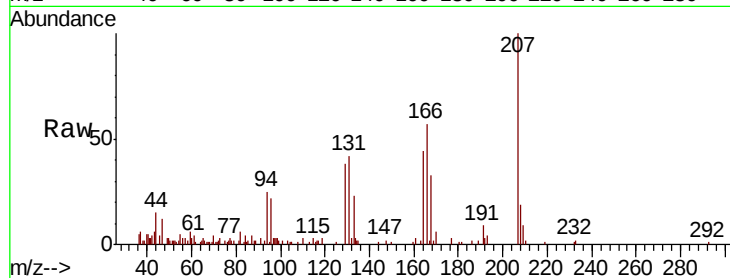
Ion Ratio Lower Upper

164 100

166 129.9 104.2 156.2

129 86.9 72.6 108.8

131 95.7 70.3 105.5

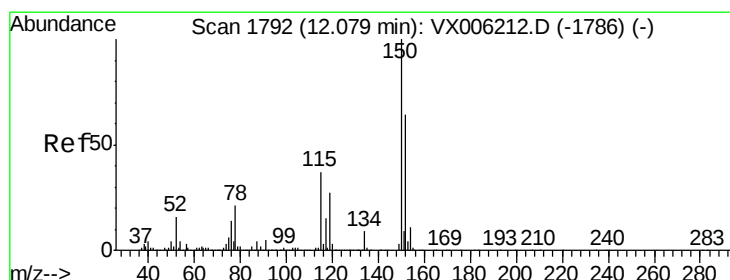
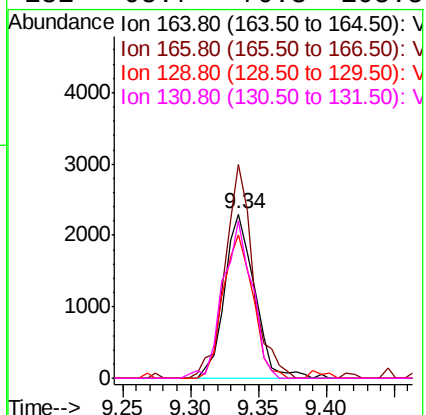
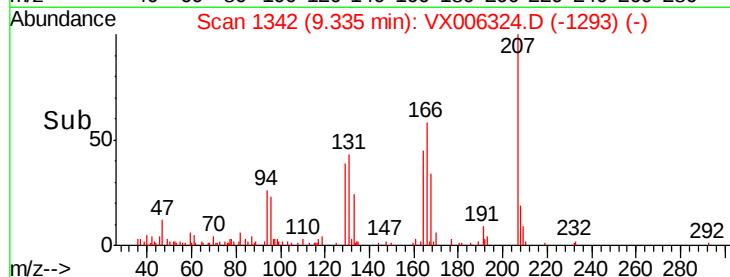


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006324.D

Acq: 06 Dec 2018 17:51

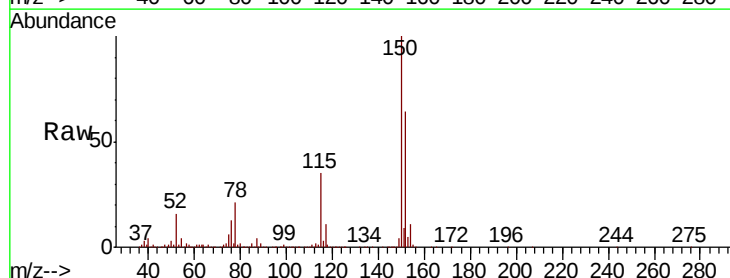
Tgt Ion:152 Resp: 518033

Ion Ratio Lower Upper

152 100

115 56.3 39.0 116.9

150 156.6 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

