

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006315.D
 Acq On : 06 Dec 2018 13:51
 Operator : JC/MD
 Sample : J6250-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-20181204

Quant Time: Dec 07 05:05:20 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	784007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1200257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1080313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	535481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	392504	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	5.50	113	374739	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1399637	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	519546	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	

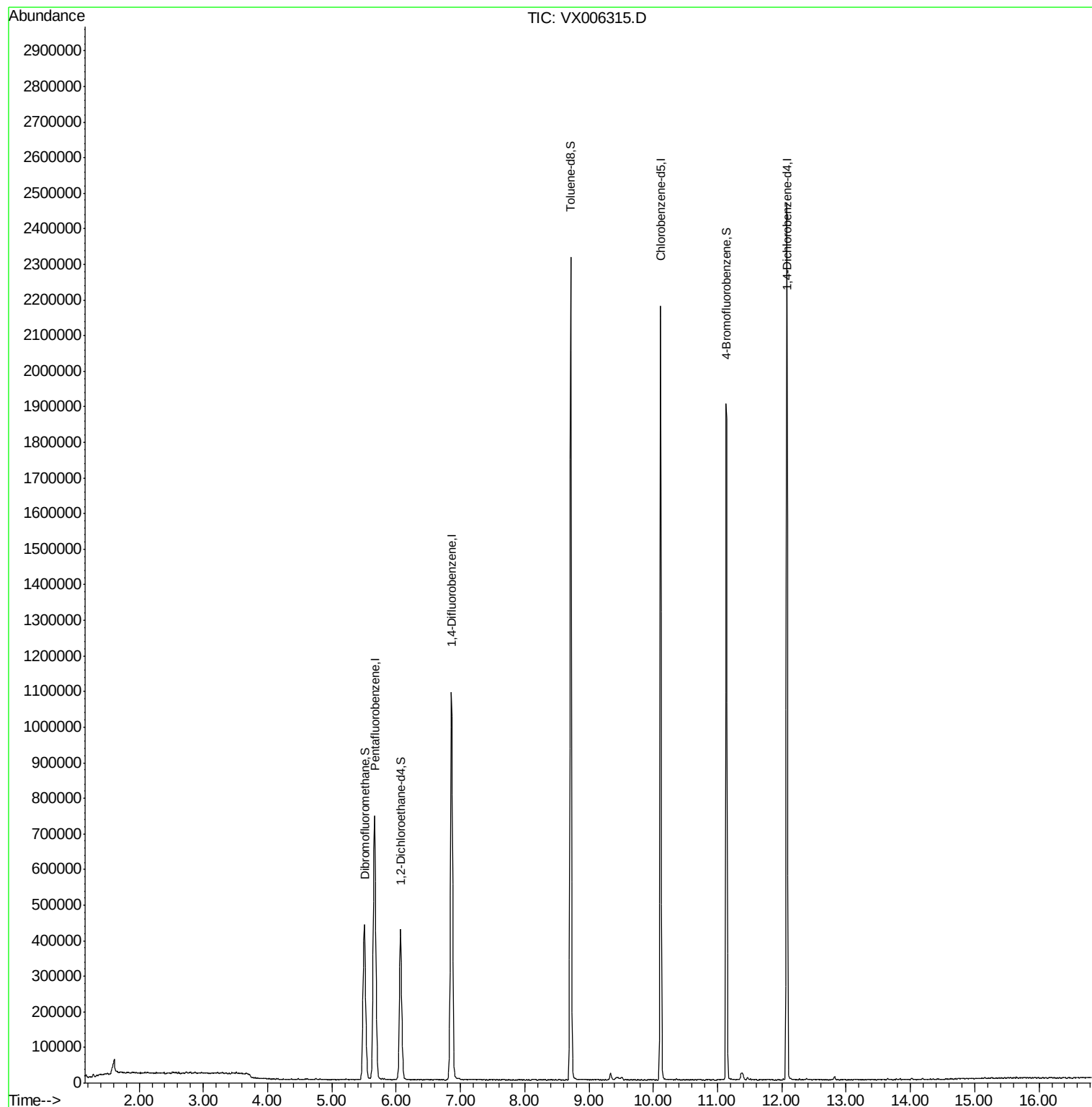
Target Compounds Qvalue

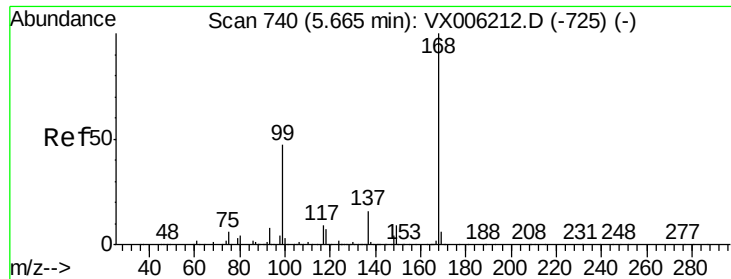
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

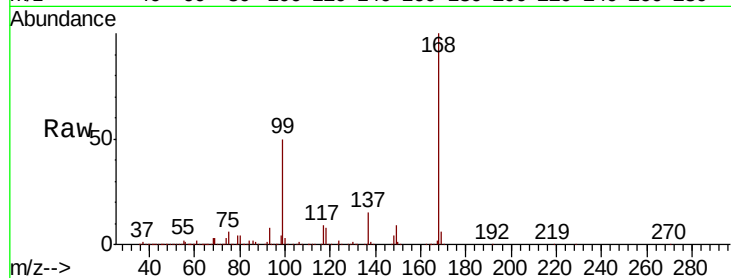
BPS1-TT-MW304S-20181204

Tot Ion:168 Resp: 784007

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

250000

200000

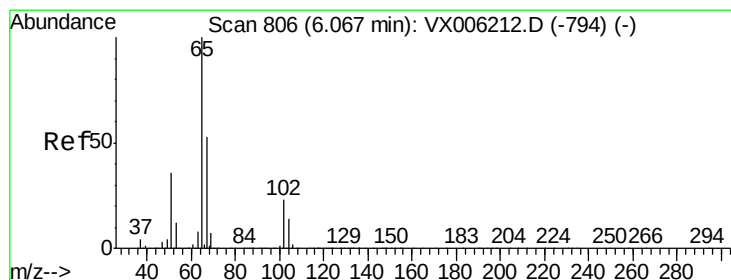
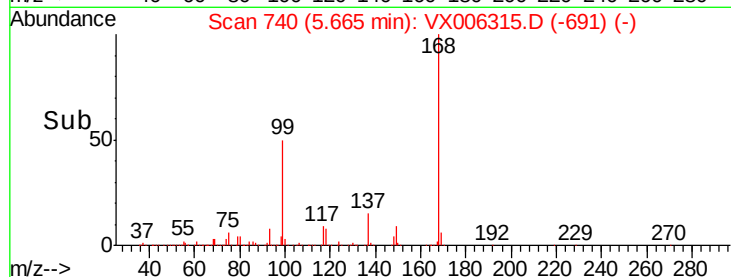
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.042 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006315.D

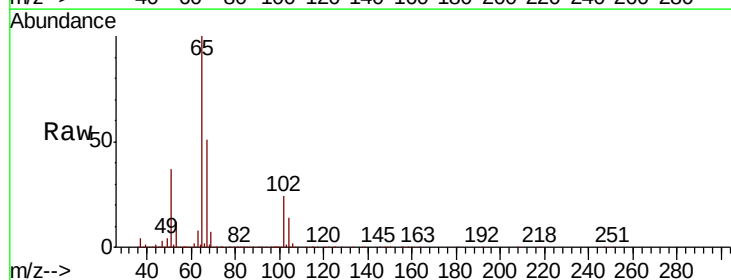
Acq: 06 Dec 2018 13:51

Tgt Ion: 65 Resp: 392504

Ion Ratio Lower Upper

65 100

67 52.9 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

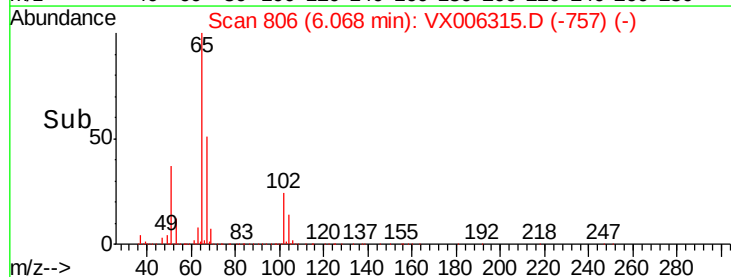
150000

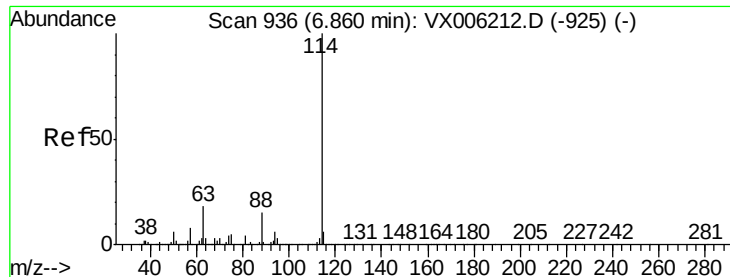
100000

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: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

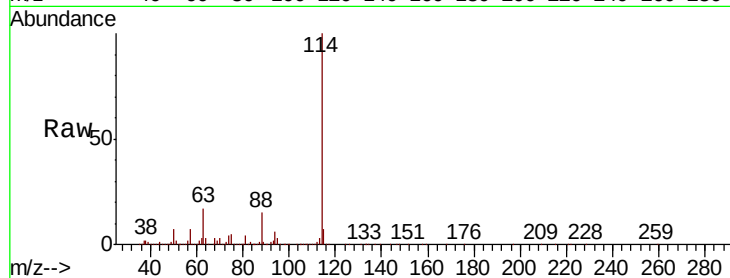
MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-20181204

Tot Ion:114 Resp: 1200257

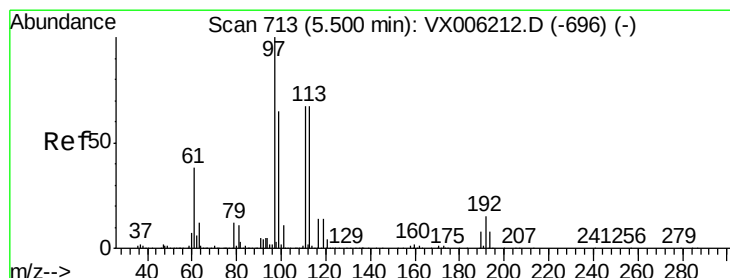
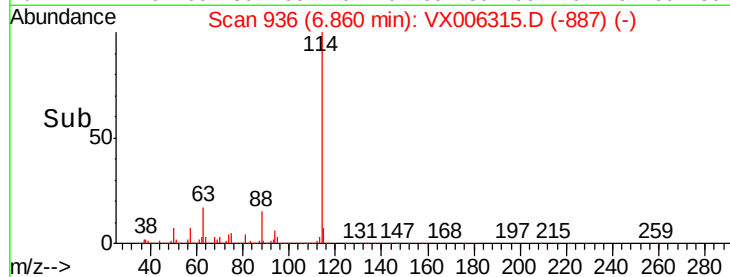
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	15.0	0.0	29.0



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: 48.222 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

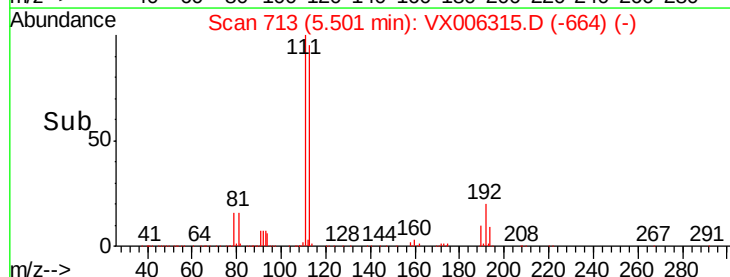
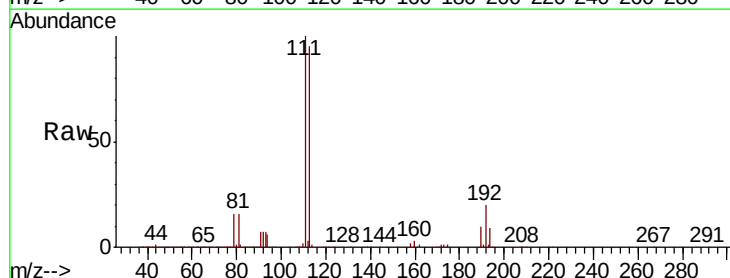
Tgt Ion:113 Resp: 374739

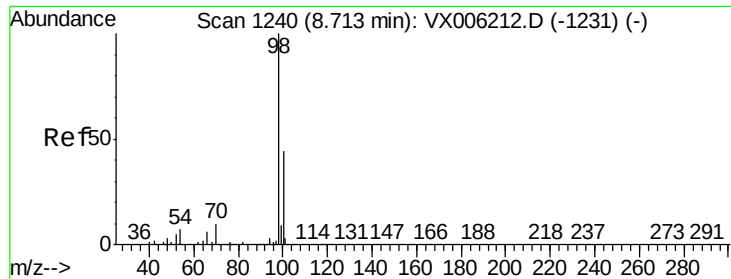
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	21.7	18.2	27.2

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

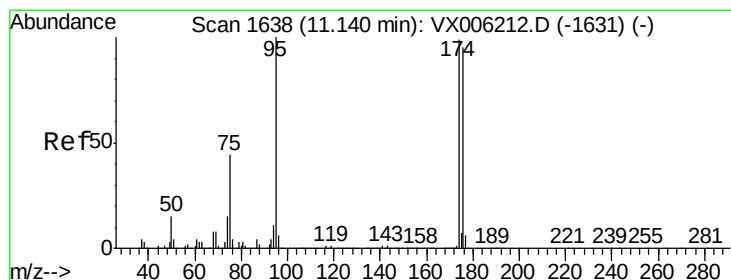
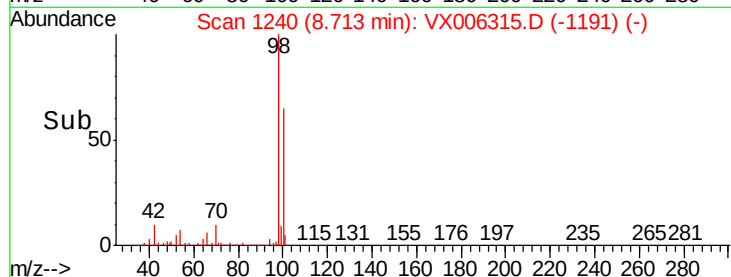
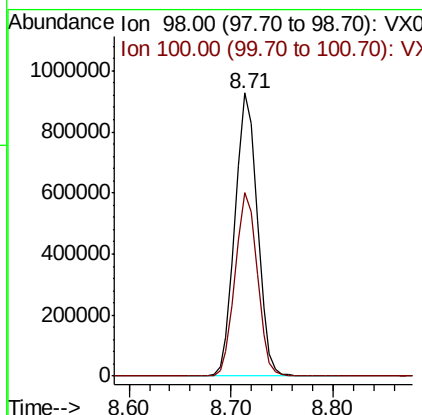
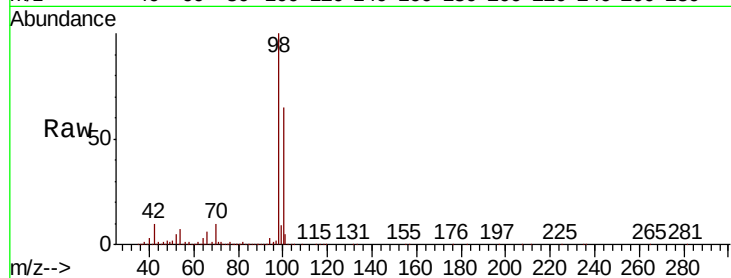




#50
Toluene-d8
Concen: 49.515 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

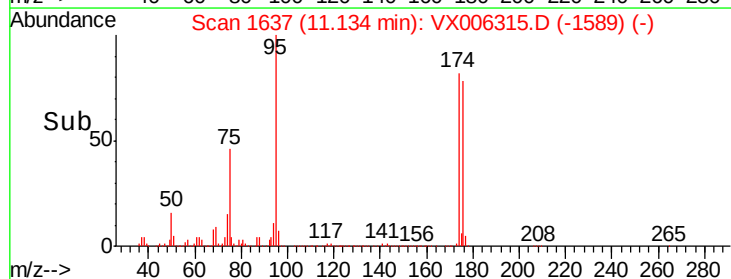
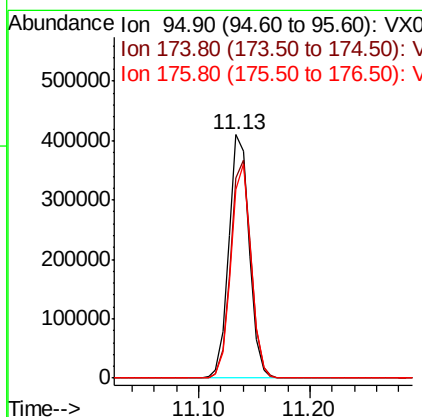
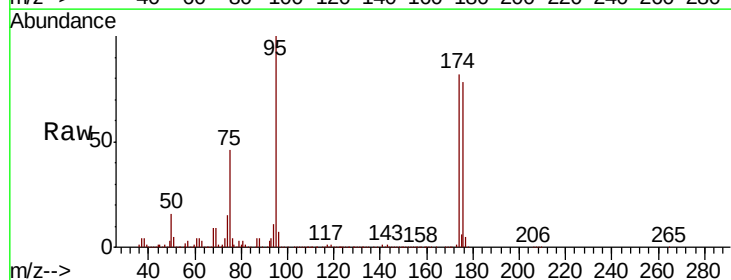
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20181204

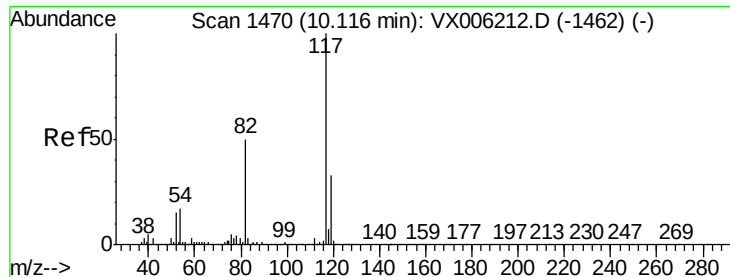
Tot Ion: 98 Resp: 1399637
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.775 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

Tgt Ion: 95 Resp: 519546
Ion Ratio Lower Upper
95 100
174 89.5 0.0 187.0
176 86.7 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-20181204

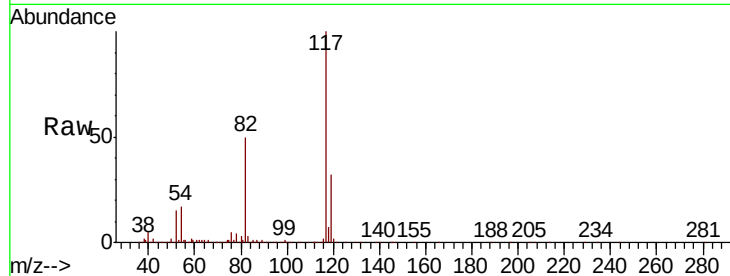
Tot Ion:117 Resp: 1080313

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

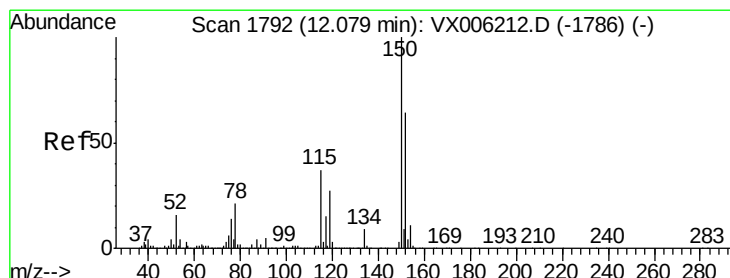
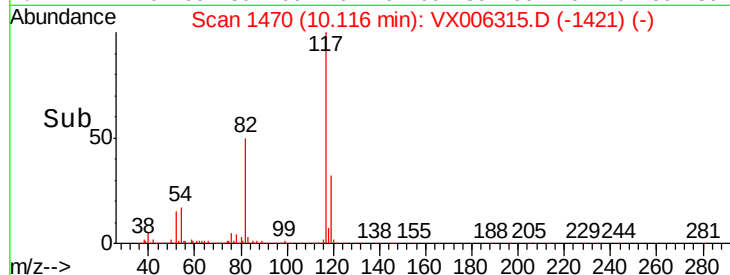
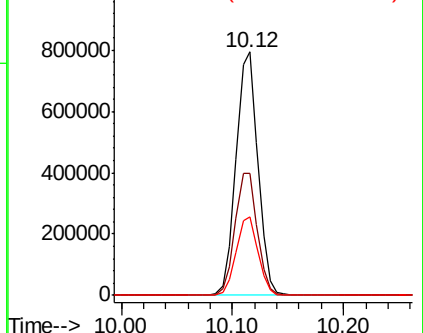
119 32.5 26.3 39.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

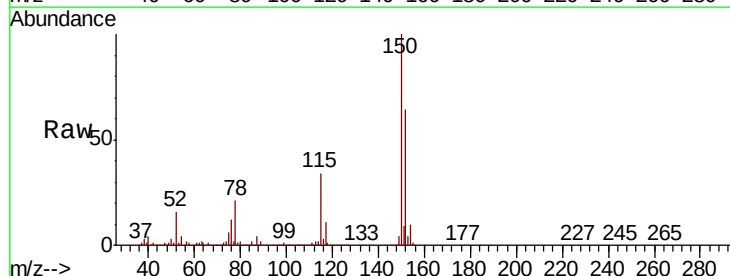
Tgt Ion:152 Resp: 535481

Ion Ratio Lower Upper

152 100

115 55.5 39.0 116.9

150 156.2 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

