

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006453.D
 Acq On : 12 Dec 2018 18:52
 Operator : JC/MD
 Sample : J6358-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20181211

Quant Time: Dec 13 07:06:03 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	703113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1103648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	990943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	473432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	366724	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	332030	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.71	98	1282301	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	473188	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

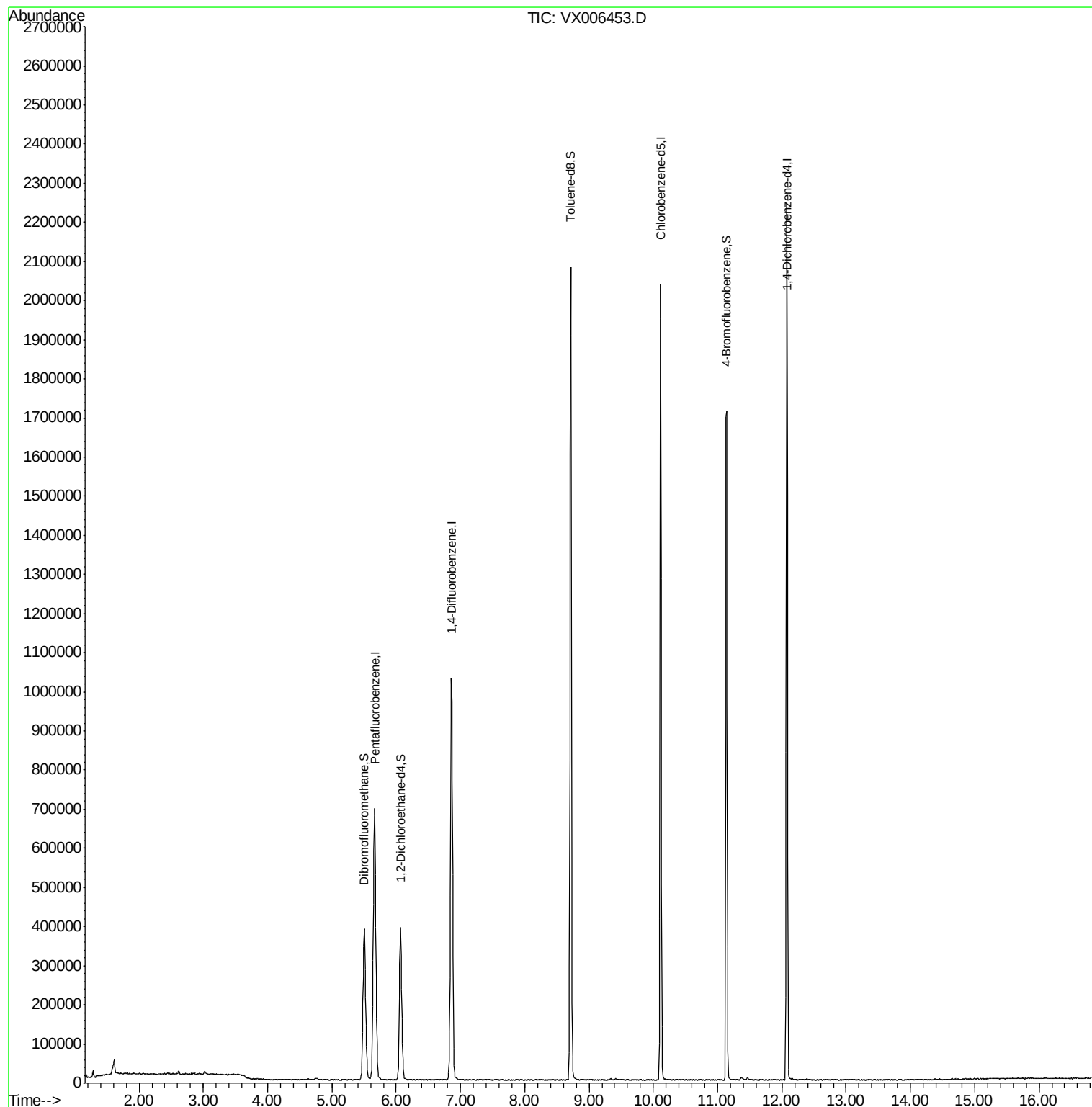
Target Compounds	Qvalue

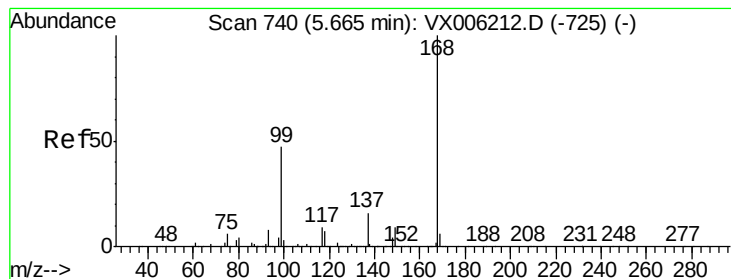
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

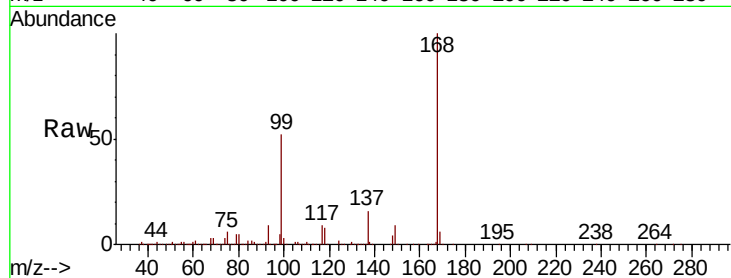
BP-MH-SW4001-20181211

Tot Ion:168 Resp: 703113

Ion Ratio Lower Upper

168 100

99 52.2 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

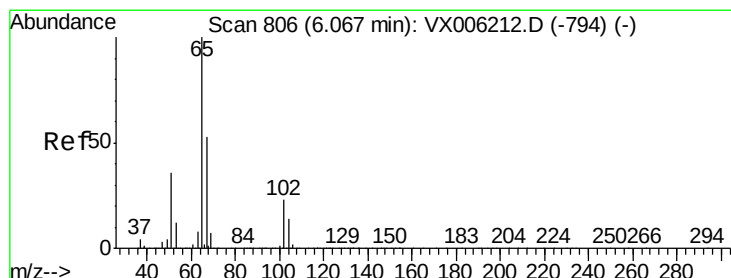
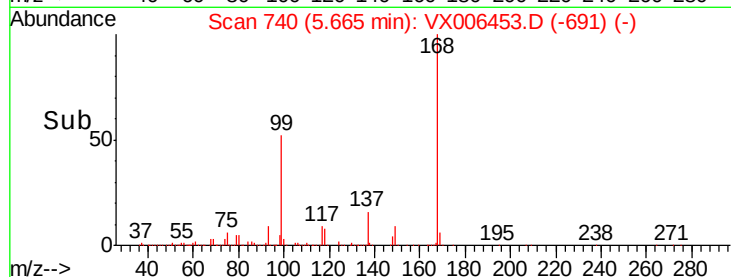
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006453.D

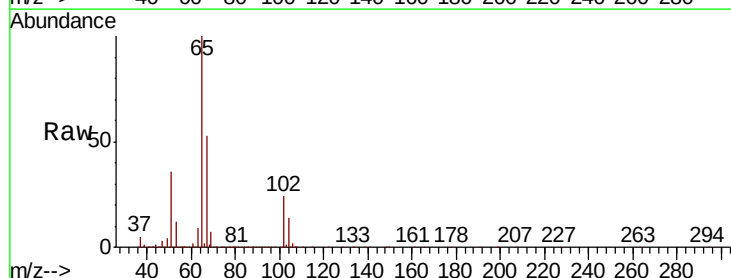
Acq: 12 Dec 2018 18:52

Tgt Ion: 65 Resp: 366724

Ion Ratio Lower Upper

65 100

67 53.4 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

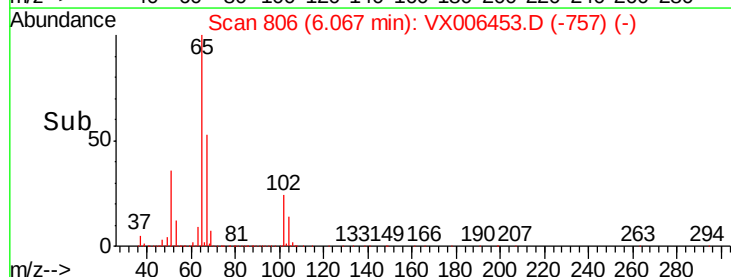
150000

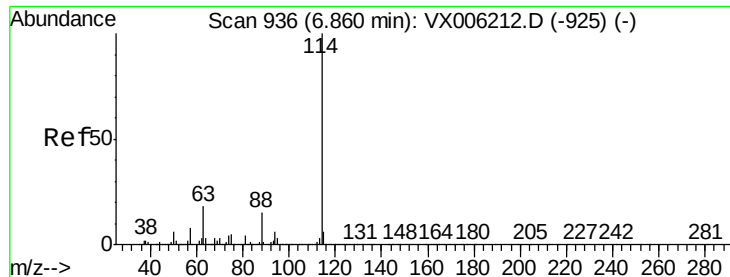
100000

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: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

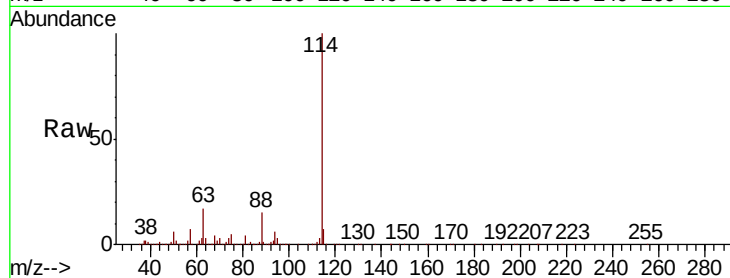
Tot Ion:114 Resp: 1103648

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

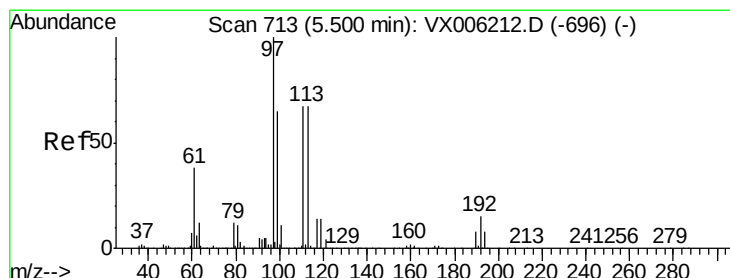
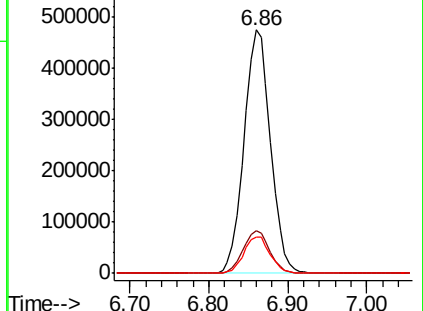
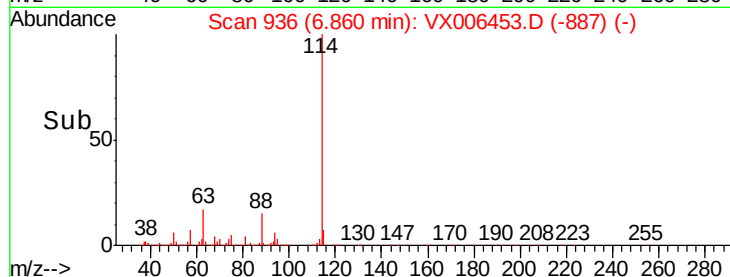
88 14.9 0.0 29.0



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: 46.466 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006453.D

Acq: 12 Dec 2018 18:52

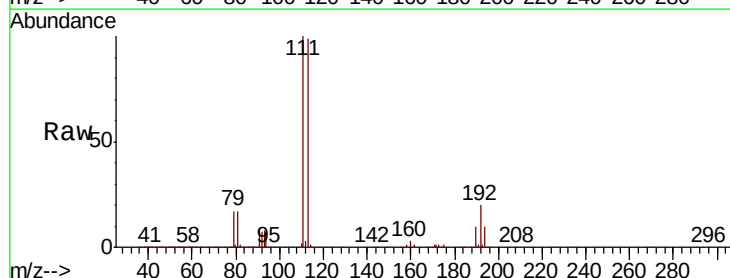
Tgt Ion:113 Resp: 332030

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

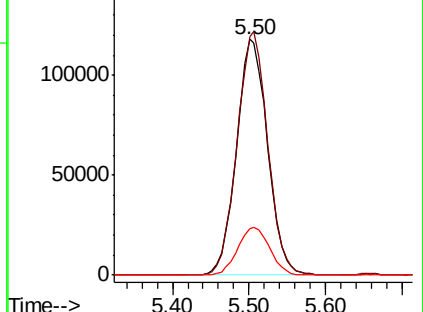
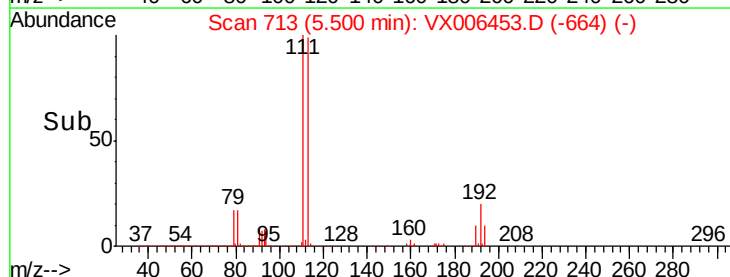
192 21.0 18.2 27.2

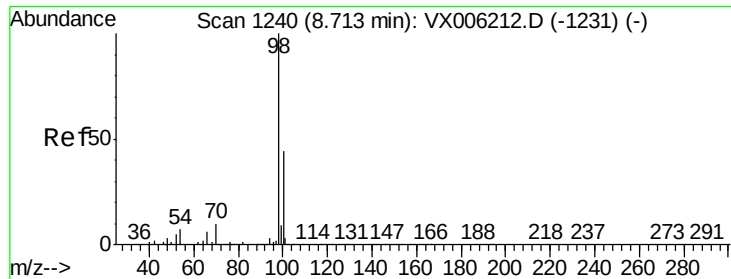


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

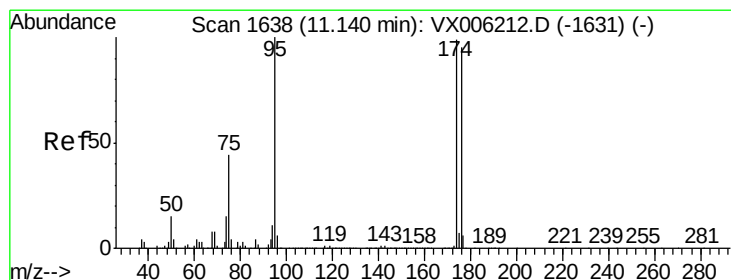
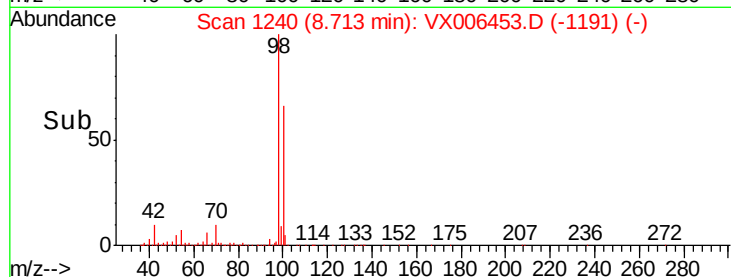
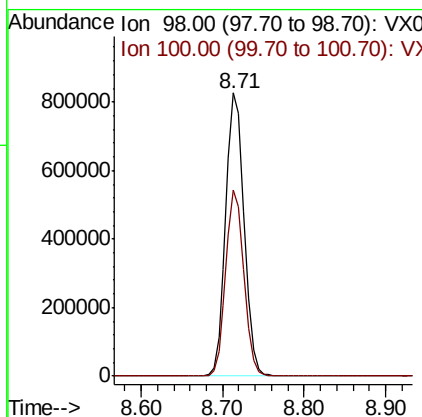
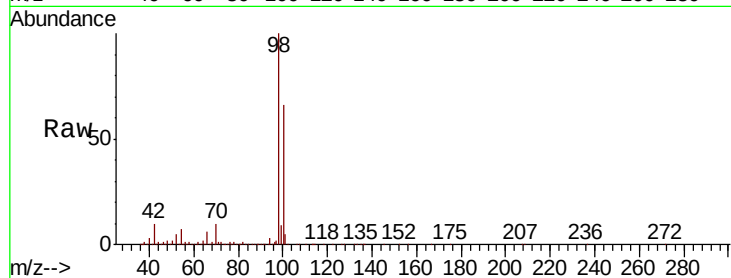




#50
Toluene-d8
Concen: 49.335 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

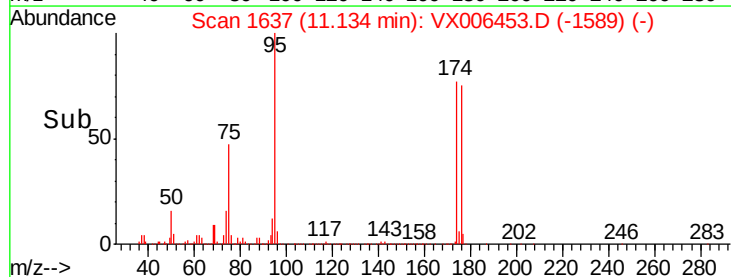
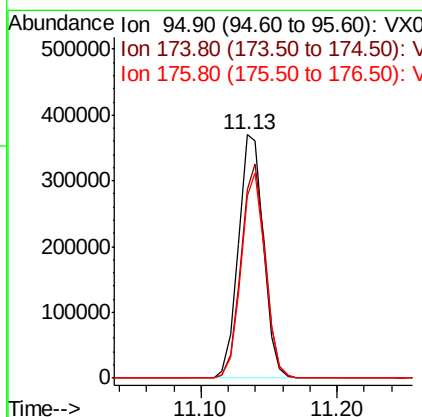
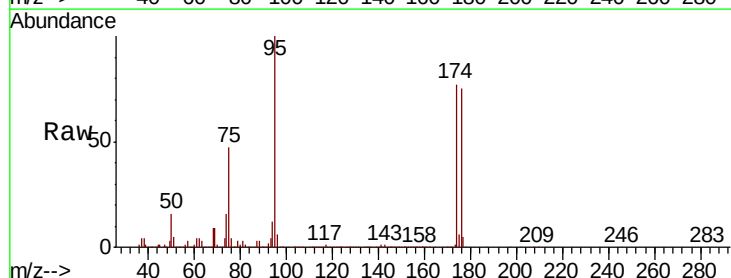
Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20181211

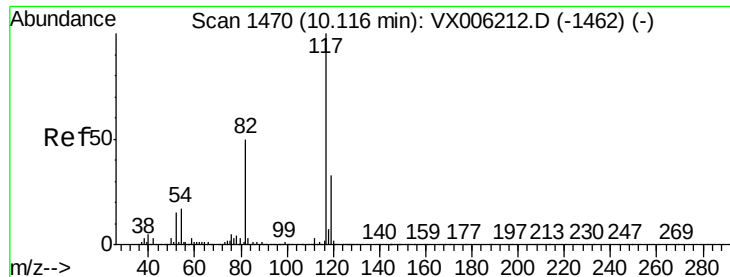
Tot Ion: 98 Resp: 1282301
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.312 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

Tgt Ion: 95 Resp: 473188
Ion Ratio Lower Upper
95 100
174 85.5 0.0 187.0
176 81.9 0.0 181.8

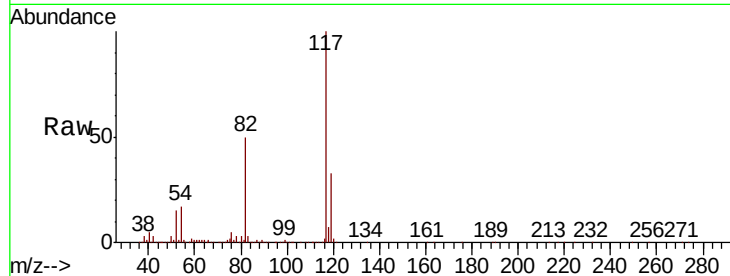




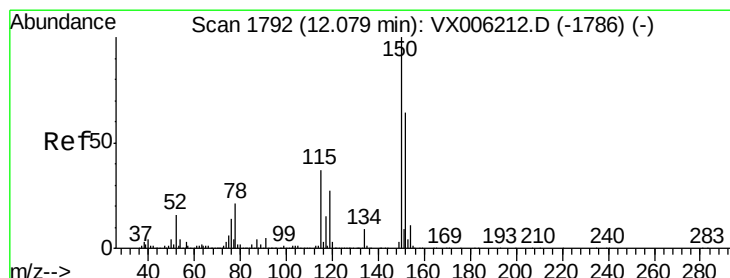
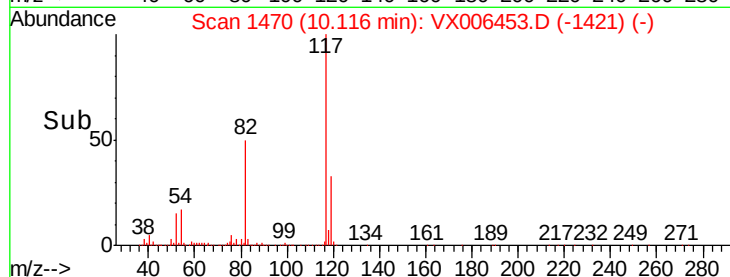
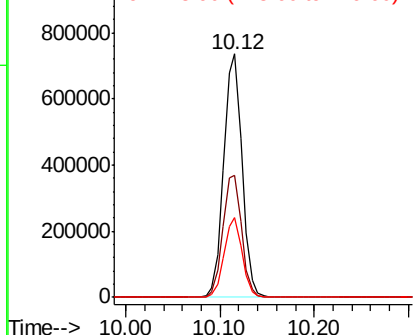
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20181211

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	39.6	59.4
119	32.5	26.3	39.5

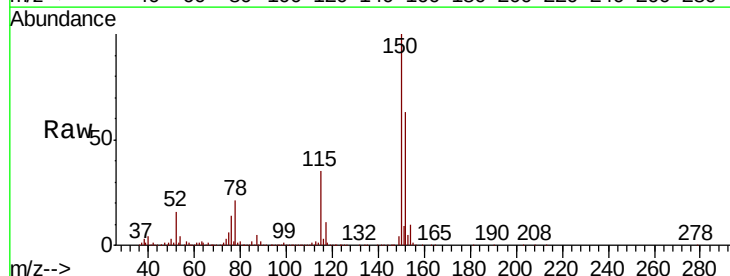


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	155.5	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

