

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006451.D
 Acq On : 12 Dec 2018 17:59
 Operator : JC/MD
 Sample : J6358-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307D-20181211

Quant Time: Dec 13 09:59:55 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	695702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1079034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	976931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	358175	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	324238	46.41	ug/l	0.00
Spiked Amount						
			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1253430	49.32	ug/l	0.00
Spiked Amount						
			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	461091	48.15	ug/l	0.00
Spiked Amount						
			Recovery	=	96.30%	

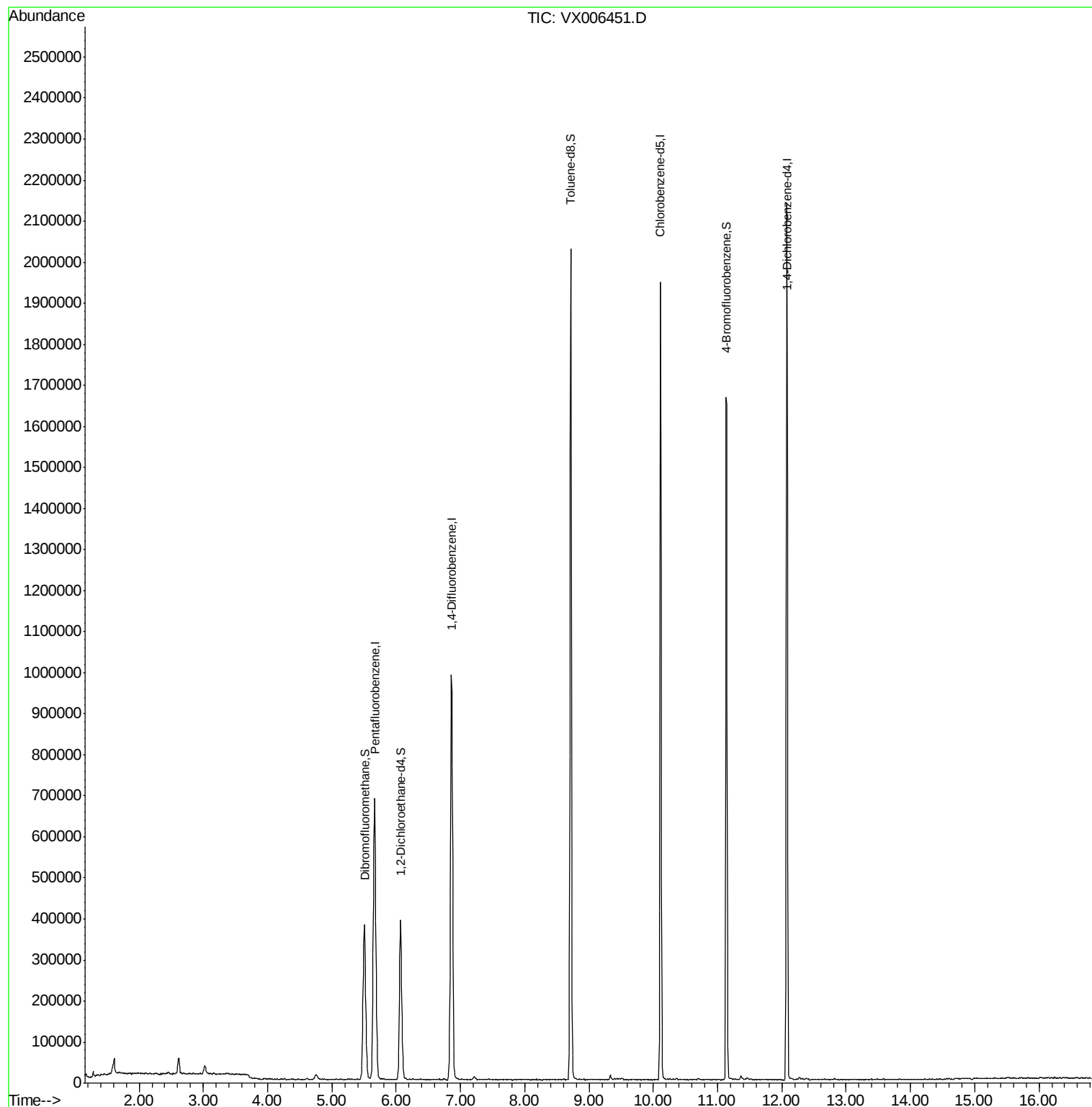
Target Compounds	Qvalue

(#) = 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: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

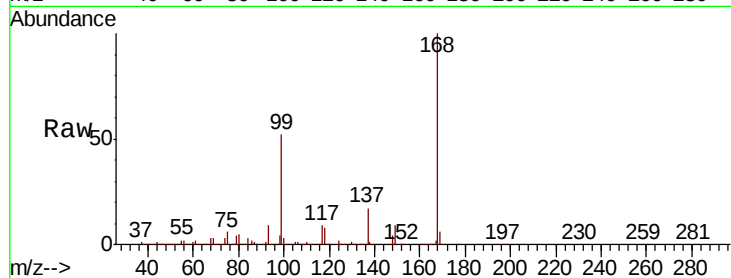
BPS1-TT-MW307D-20181211

Tot Ion:168 Resp: 695702

Ion Ratio Lower Upper

168 100

99 52.3 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

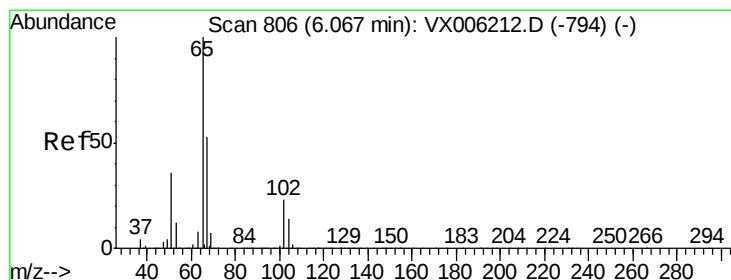
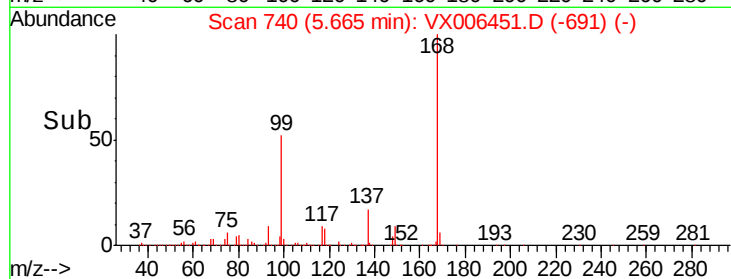
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.433 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006451.D

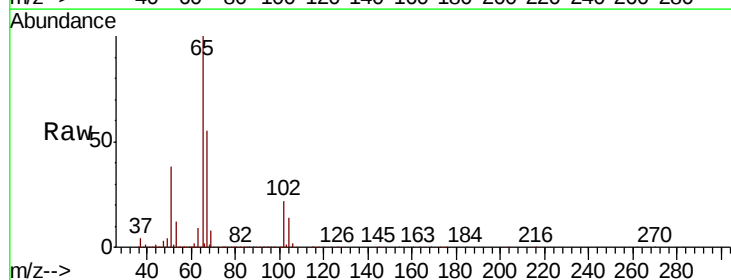
Acq: 12 Dec 2018 17:59

Tgt Ion: 65 Resp: 358175

Ion Ratio Lower Upper

65 100

67 54.2 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

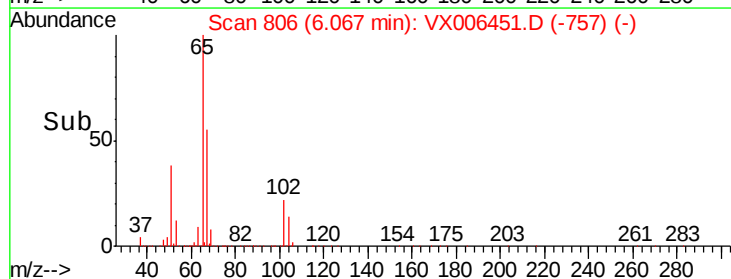
150000

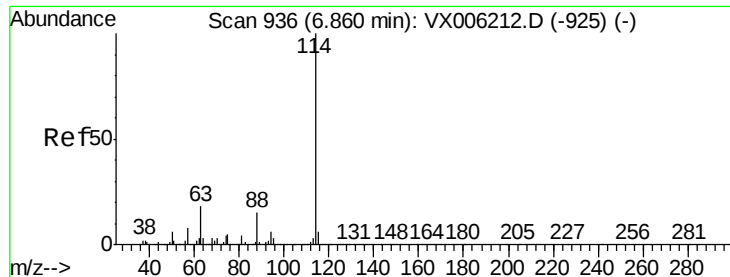
100000

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: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20181211

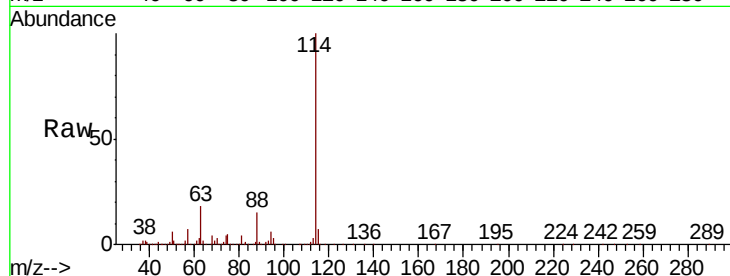
Tot Ion:114 Resp: 1079034

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

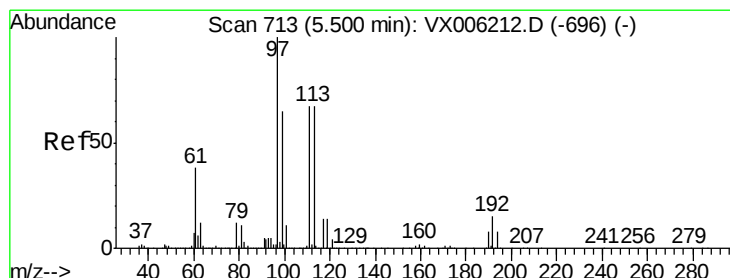
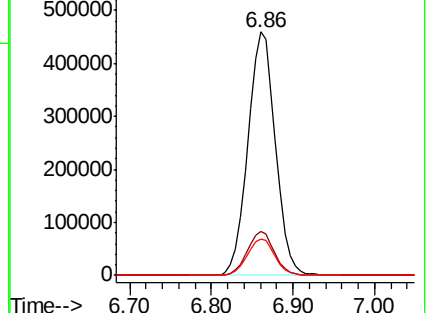
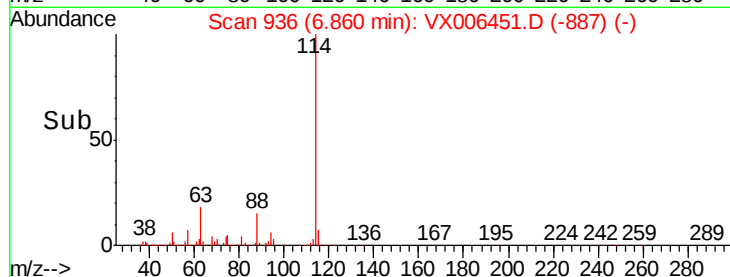
88 15.0 0.0 29.0



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: 46.410 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

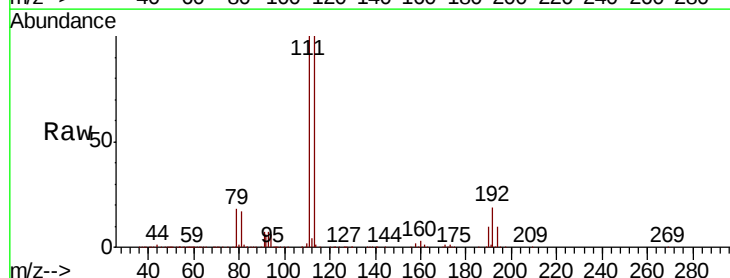
Tgt Ion:113 Resp: 324238

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

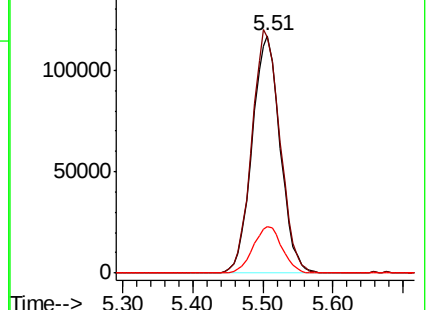
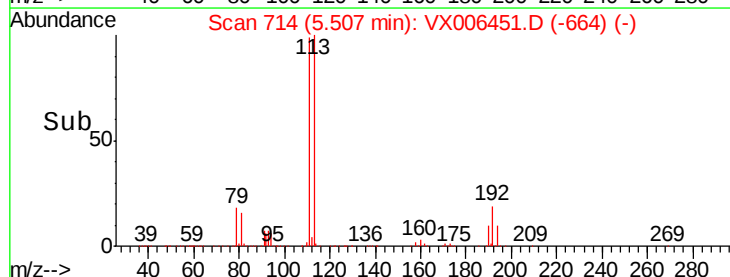
192 20.4 18.2 27.2



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: 49.324 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

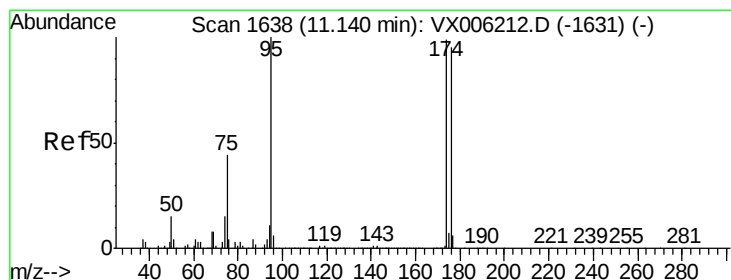
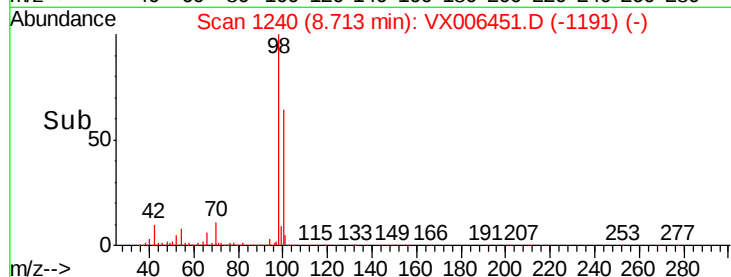
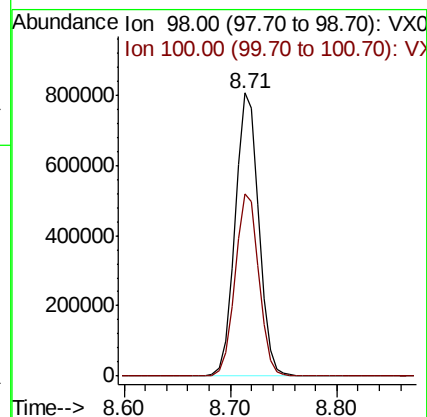
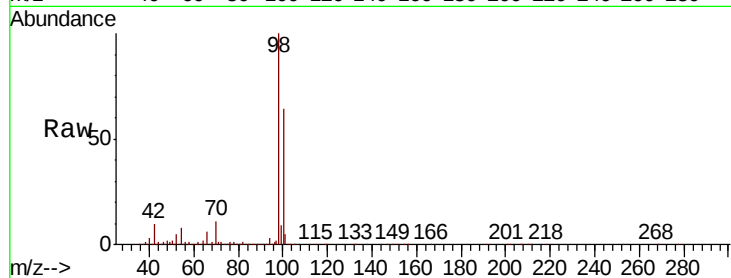
BPS1-TT-MW307D-20181211

Tot Ion: 98 Resp: 1253430

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

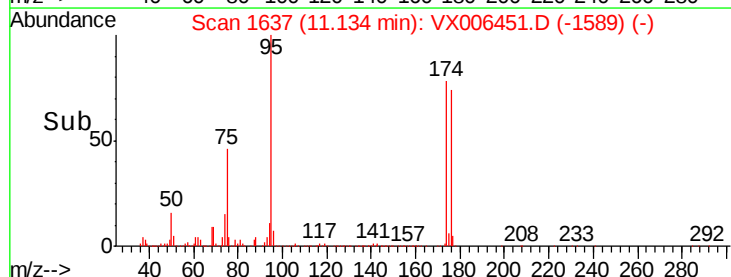
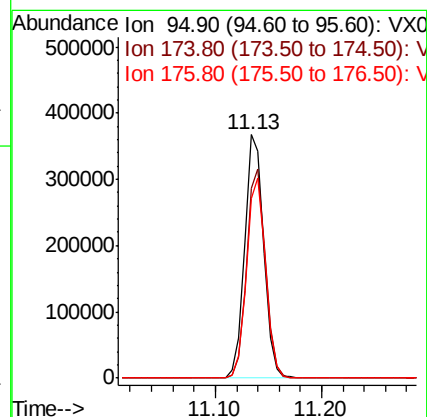
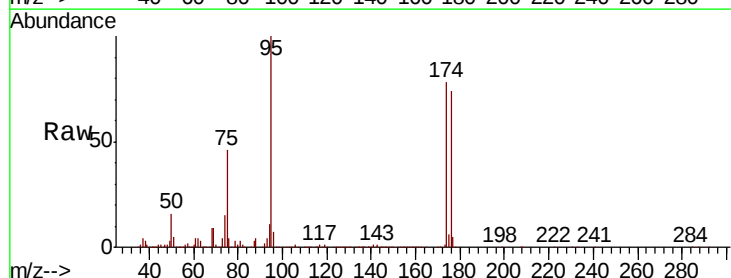
Tgt Ion: 95 Resp: 461091

Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.0

176 82.5 0.0 181.8

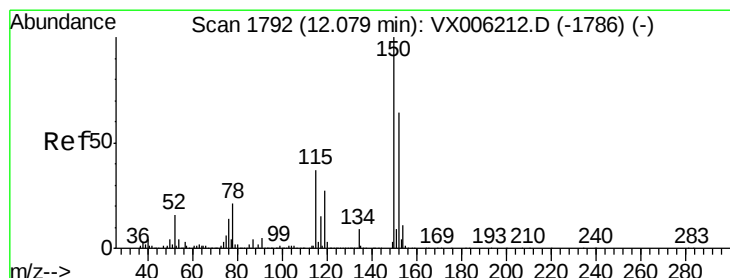
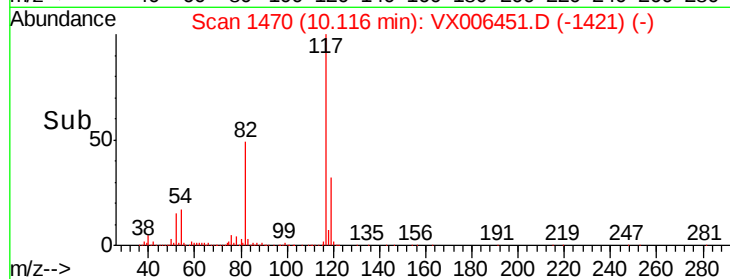
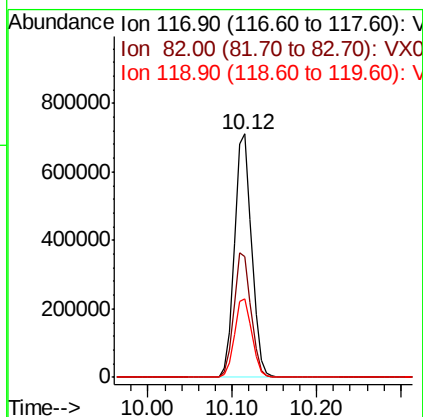
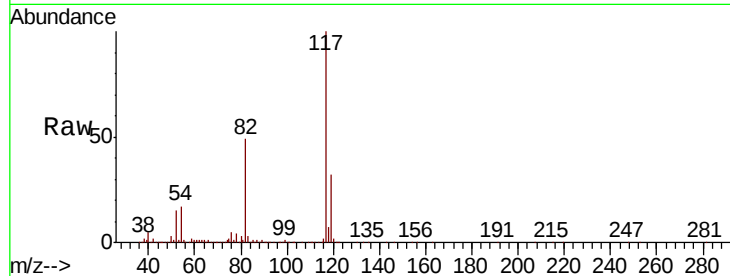




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006451.D
Acq: 12 Dec 2018 17:59

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307D-20181211

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.6	59.4
119	32.3	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006451.D
Acq: 12 Dec 2018 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	157.0	0.0	345.8

