

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006404.D
 Acq On : 11 Dec 2018 07:18
 Operator : JC/MD
 Sample : J6314-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303S-20181207

Quant Time: Dec 11 07:58:20 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	655844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1039019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	946787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	435722	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	354172	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	5.50	113	322596	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	1219885	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.14	95	448236	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

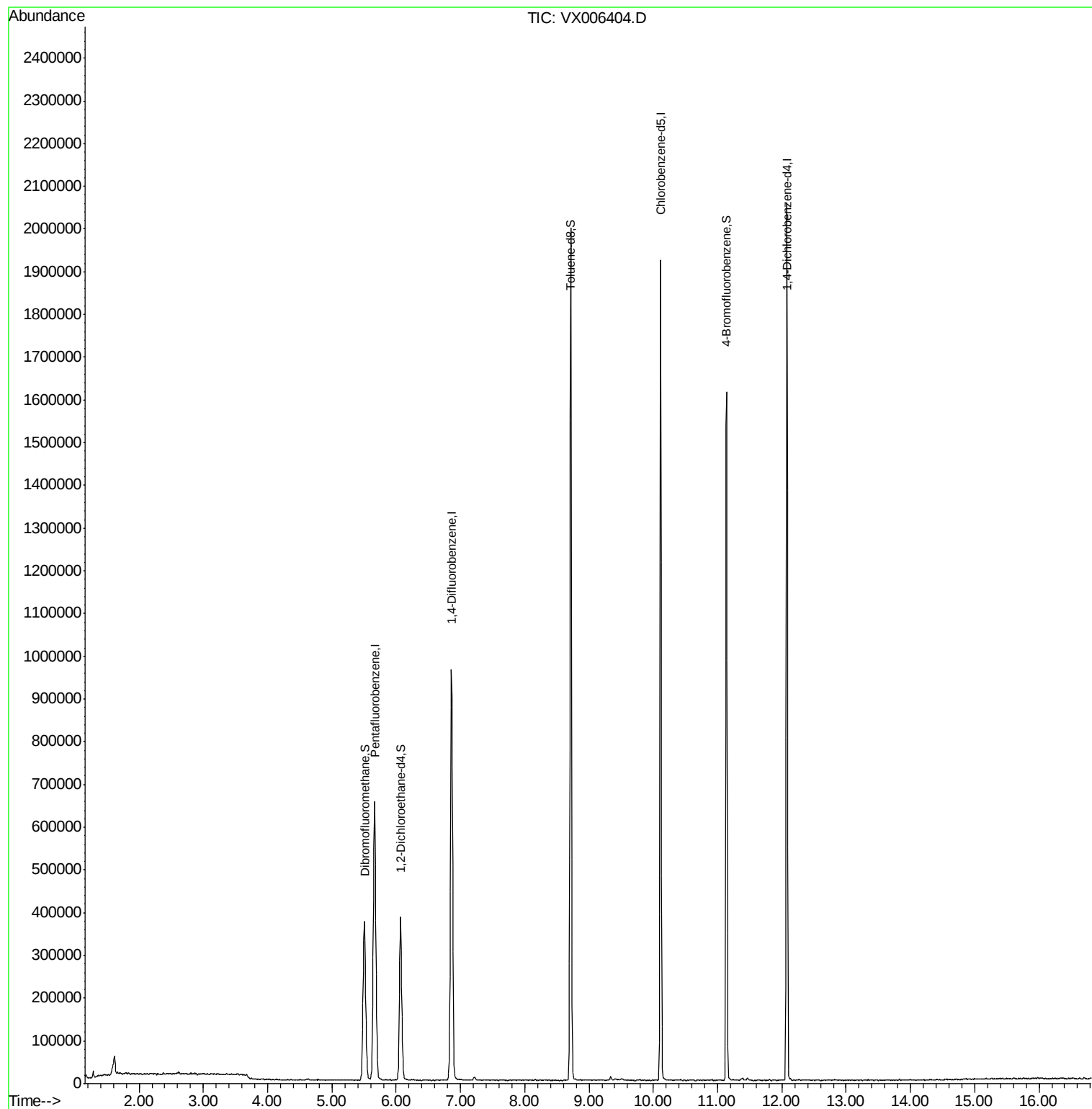
Target Compounds	Qvalue
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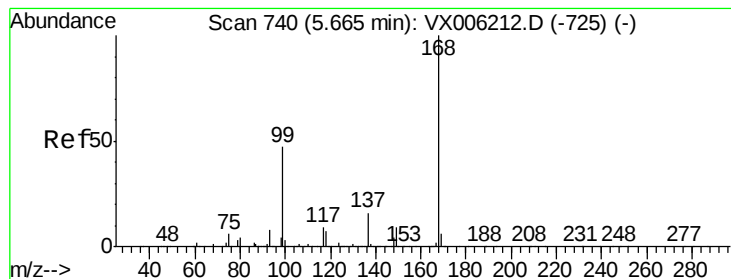
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006404.D

Acq: 11 Dec 2018 07:18

Instrument :

MSVOA_X

ClientSampleId :

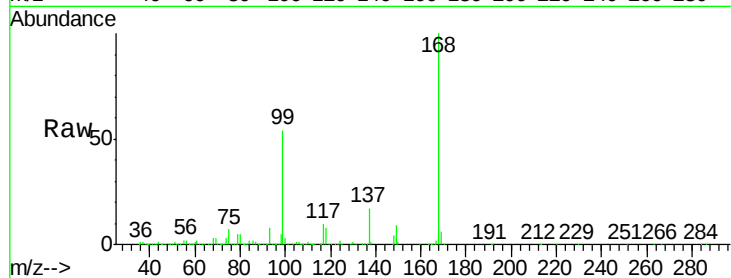
BPS1-TT-MW303S-20181207

Tot Ion:168 Resp: 655844

Ion Ratio Lower Upper

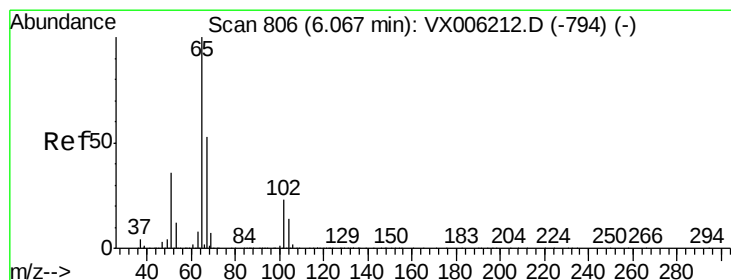
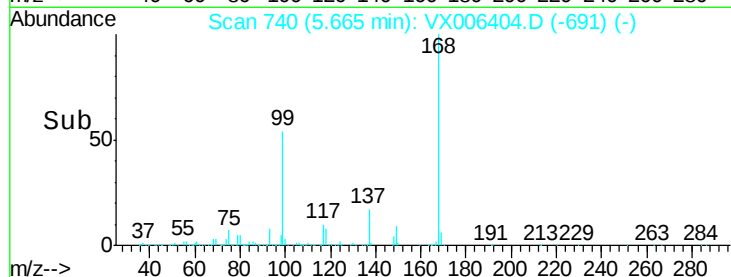
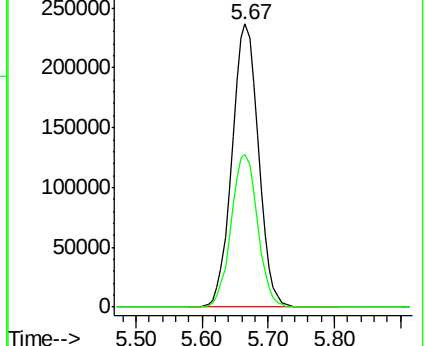
168 100

99 53.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.900 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006404.D

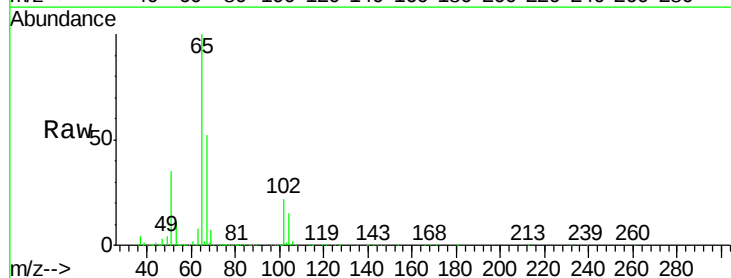
Acq: 11 Dec 2018 07:18

Tgt Ion: 65 Resp: 354172

Ion Ratio Lower Upper

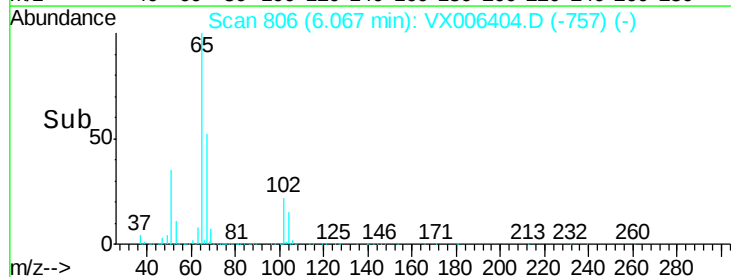
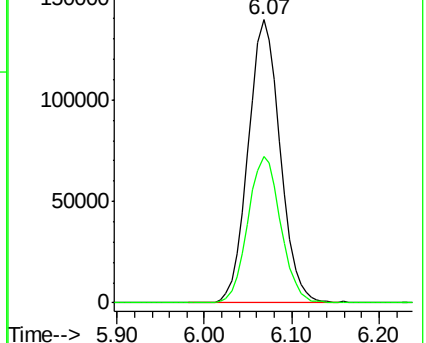
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006404.D

Acq: 11 Dec 2018 07:18

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303S-20181207

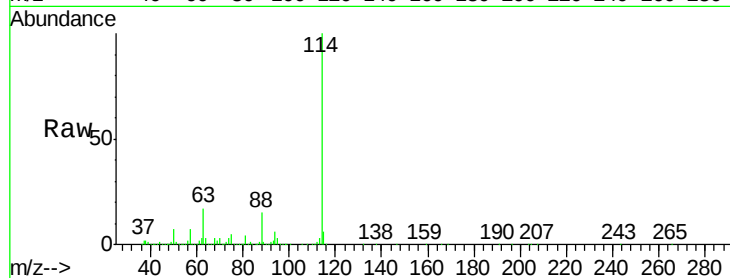
Tot Ion:114 Resp: 1039019

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

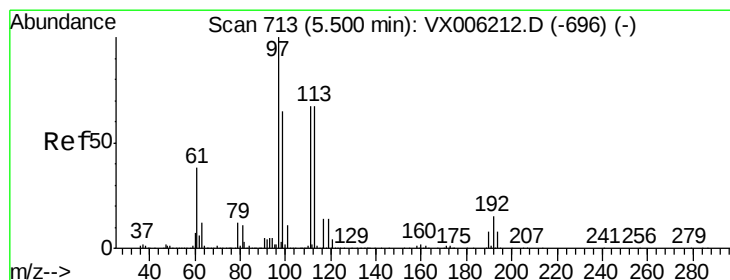
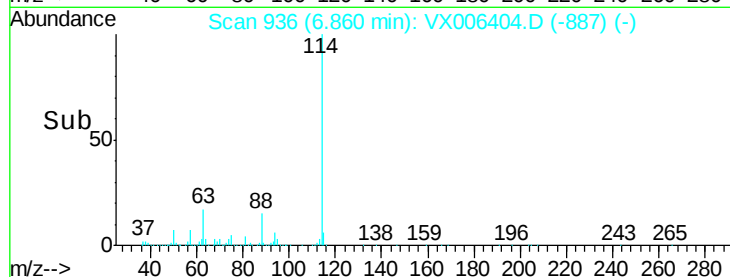
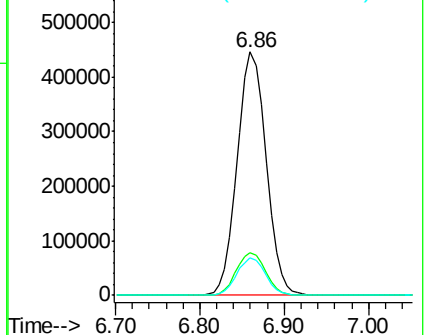
88 15.4 0.0 29.0



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: 47.954 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006404.D

Acq: 11 Dec 2018 07:18

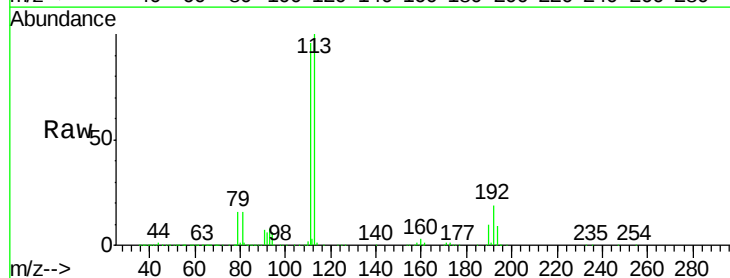
Tgt Ion:113 Resp: 322596

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

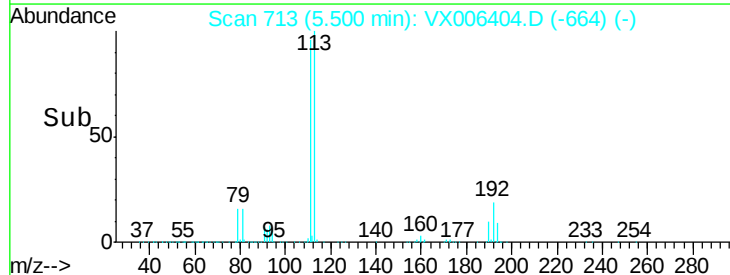
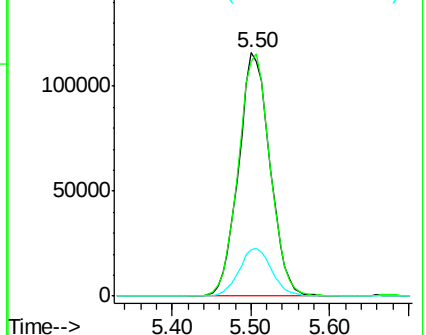
192 20.2 18.2 27.2



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: 49.853 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006404.D

Acq: 11 Dec 2018 07:18

Instrument :

MSVOA_X

ClientSampleId :

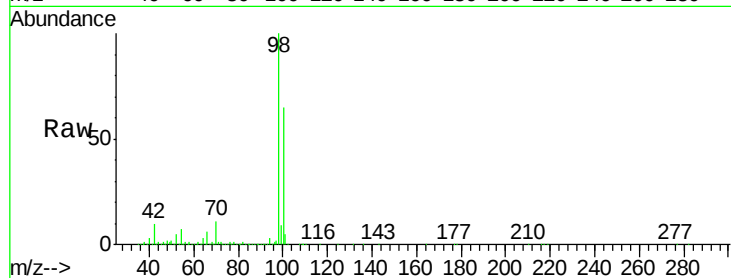
BPS1-TT-MW303S-20181207

Tot Ion: 98 Resp: 1219885

Ion Ratio Lower Upper

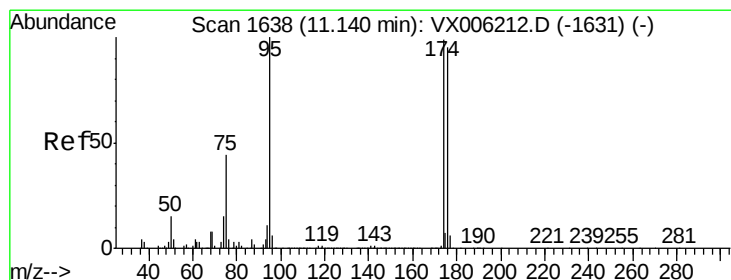
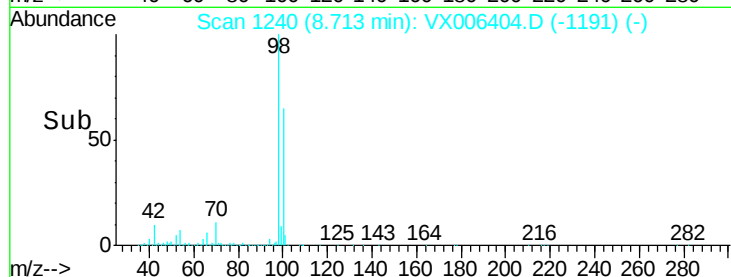
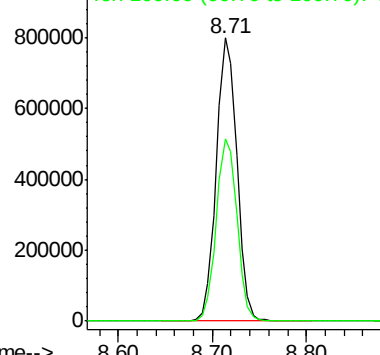
98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.611 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006404.D

Acq: 11 Dec 2018 07:18

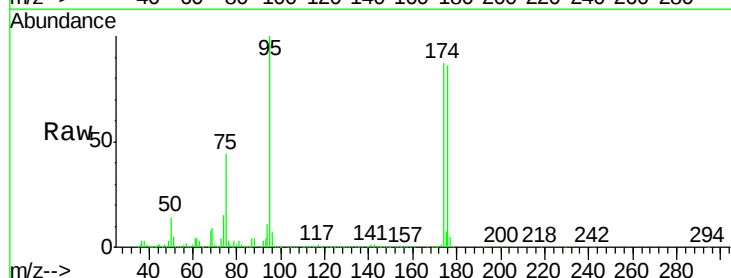
Tgt Ion: 95 Resp: 448236

Ion Ratio Lower Upper

95 100

174 83.6 0.0 187.0

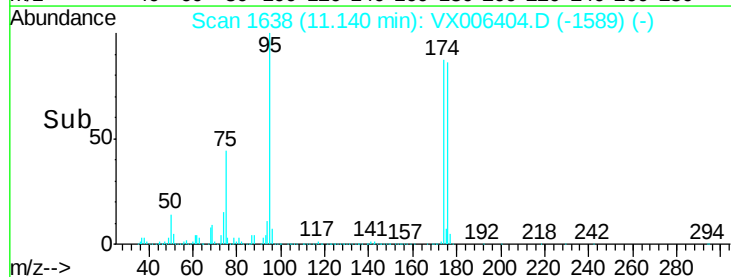
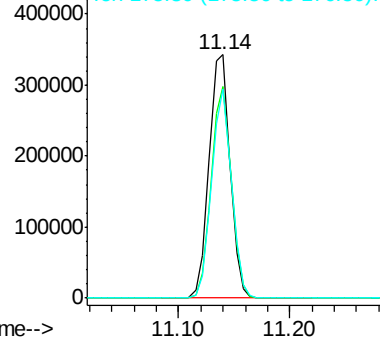
176 81.2 0.0 181.8

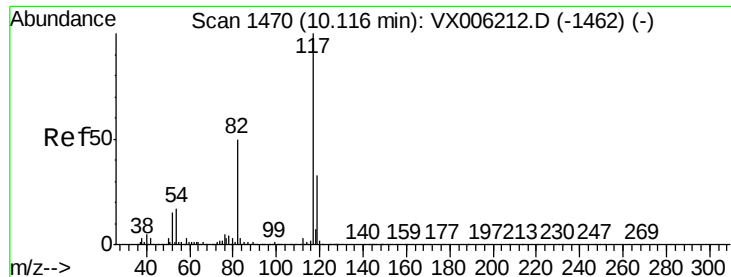


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

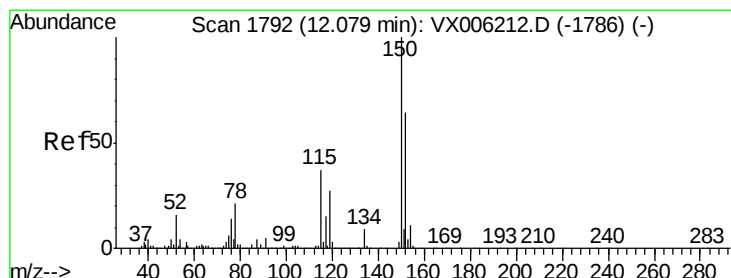
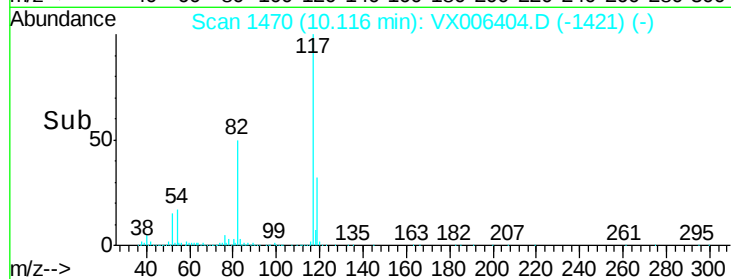
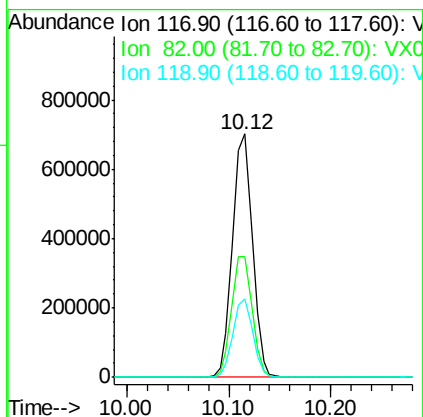
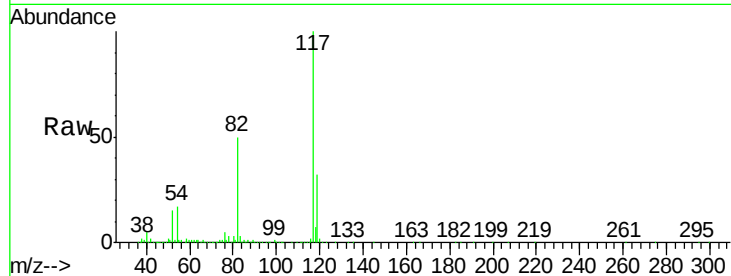




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006404.D
Acq: 11 Dec 2018 07:18

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303S-20181207

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.6	59.4
119	32.2	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: VX006404.D
Acq: 11 Dec 2018 07:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.0	116.9
150	156.7	0.0	345.8

