

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006250.D
 Acq On : 03 Dec 2018 13:51
 Operator : JC/MD
 Sample : J6153-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Dec 04 10:06:05 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	5.66	168	912988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1368643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1233296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	596891	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	448033	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	433762	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	1600819	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	578792	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

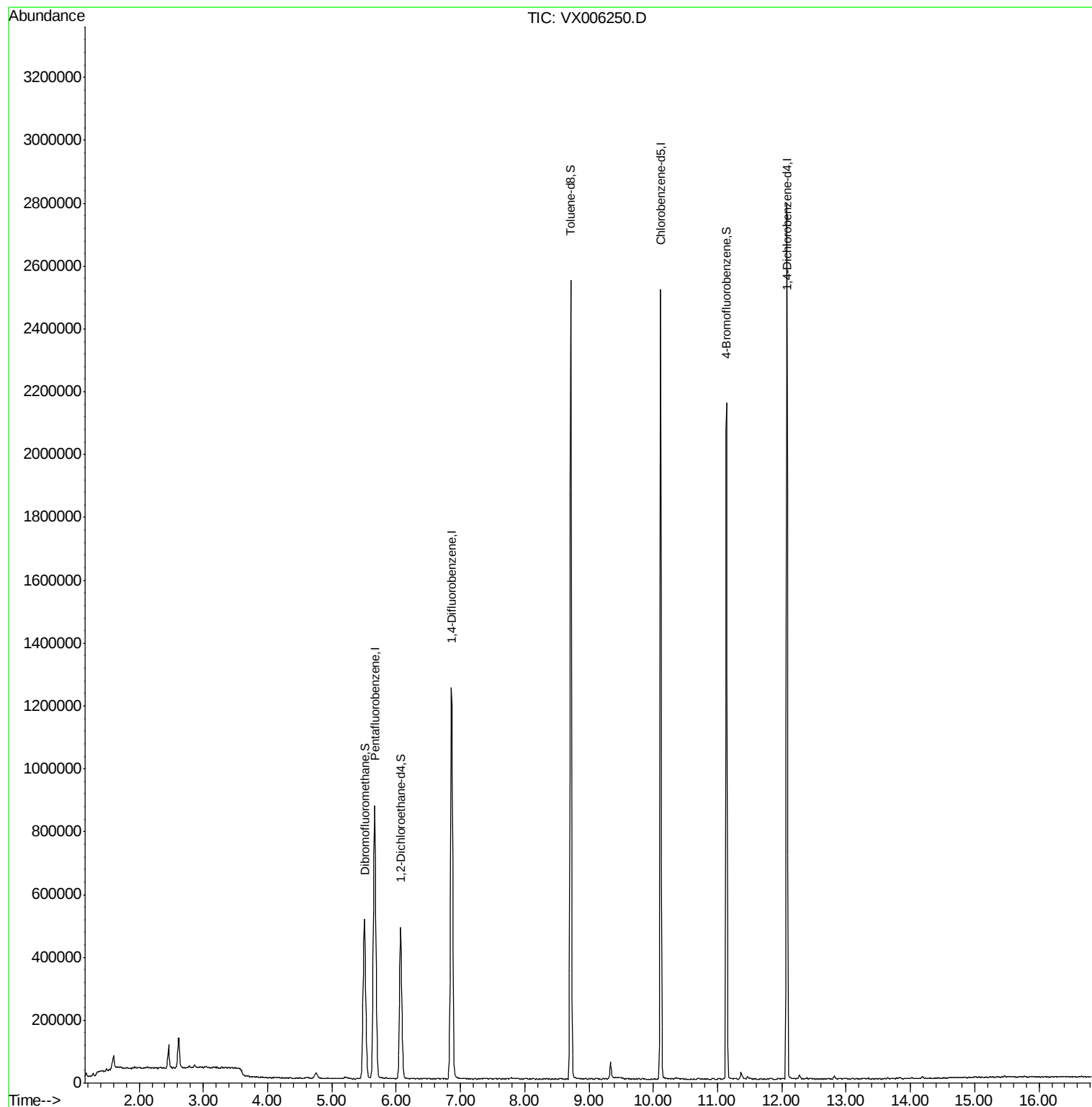
Target Compounds	Qvalue

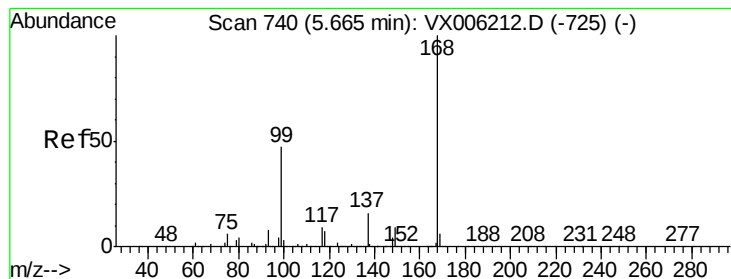
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006250.D

Acq: 03 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

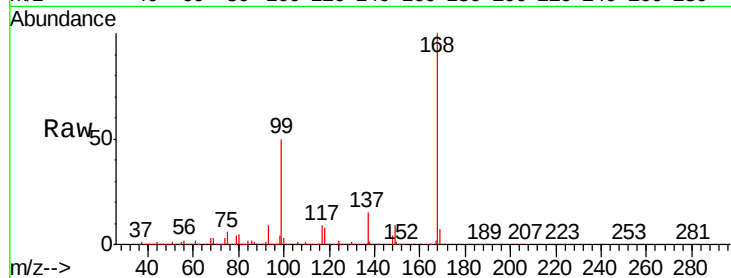
MH-F

Tgt Ion:168 Resp: 912988

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

5.66

300000

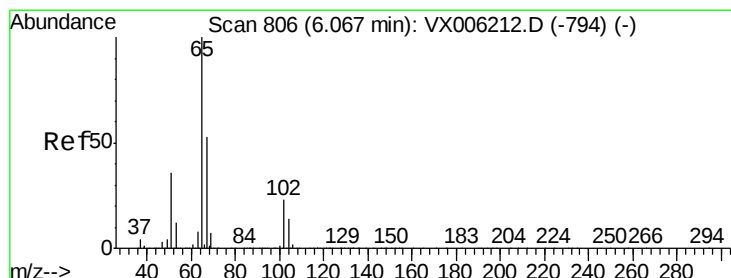
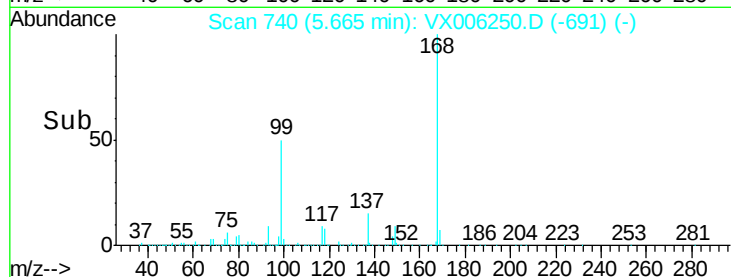
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.071 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006250.D

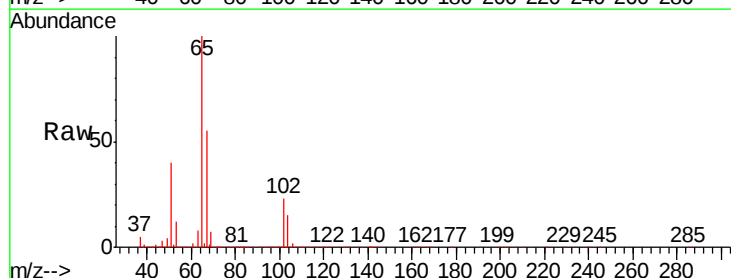
Acq: 03 Dec 2018 13:51

Tgt Ion: 65 Resp: 448033

Ion Ratio Lower Upper

65 100

67 53.8 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

200000

150000

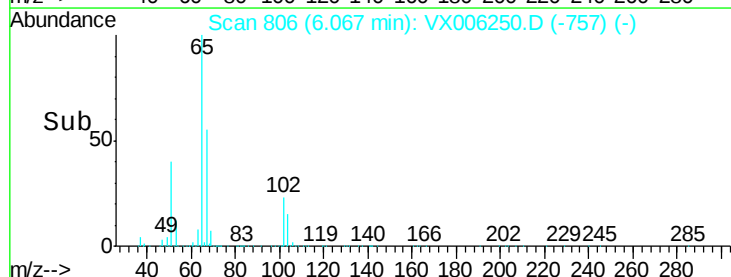
100000

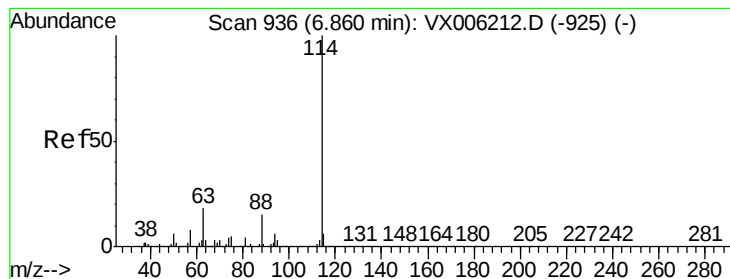
50000

0

Time-->

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: VX006250.D

Acq: 03 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

MH-F

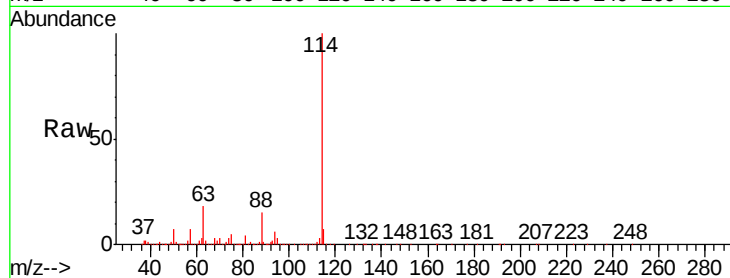
Tgt Ion:114 Resp: 1368643

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

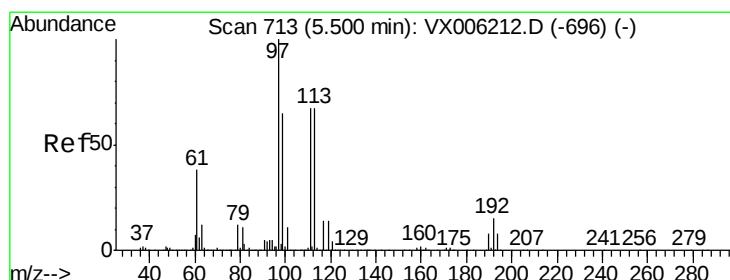
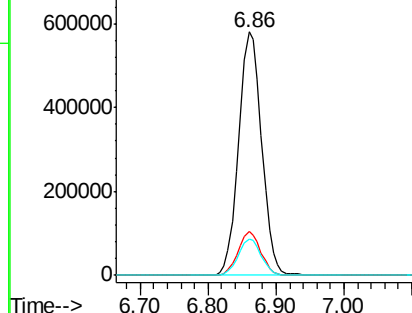
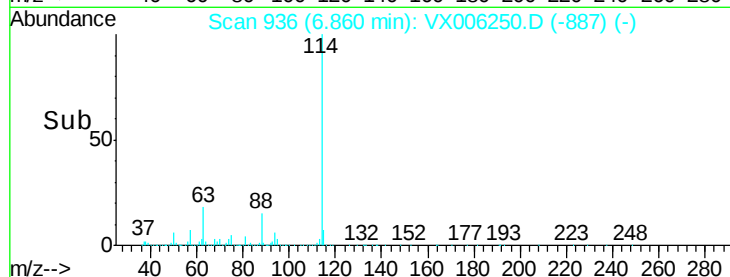
88 15.0 0.0 29.0



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: 48.949 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006250.D

Acq: 03 Dec 2018 13:51

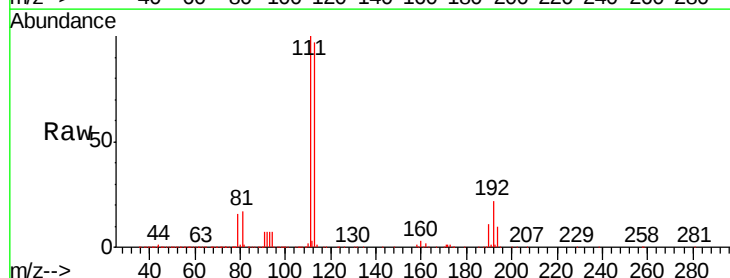
Tgt Ion:113 Resp: 433762

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

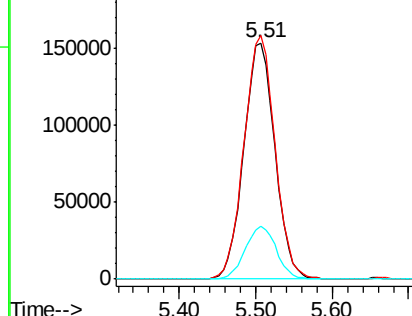
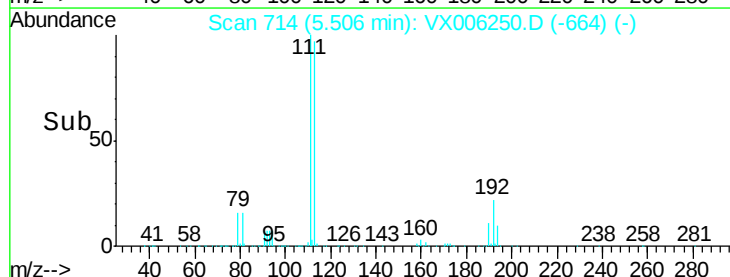
192 22.3 18.2 27.2



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: 49.664 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006250.D

Acq: 03 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

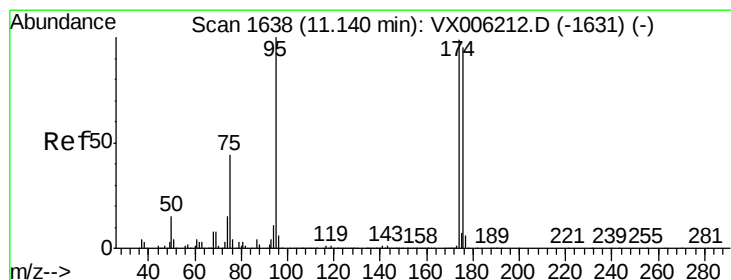
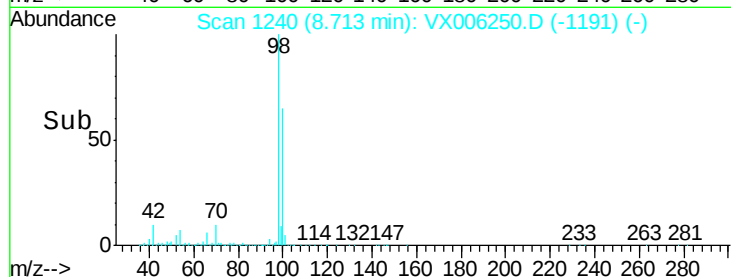
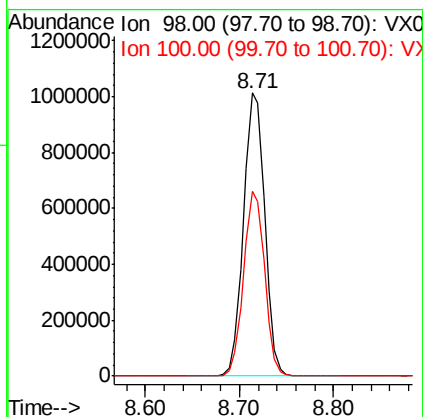
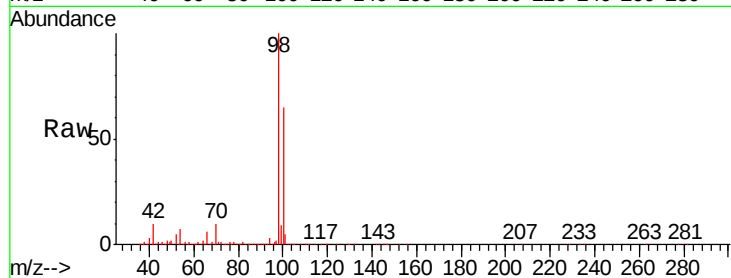
MH-F

Tgt Ion: 98 Resp: 1600819

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.652 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006250.D

Acq: 03 Dec 2018 13:51

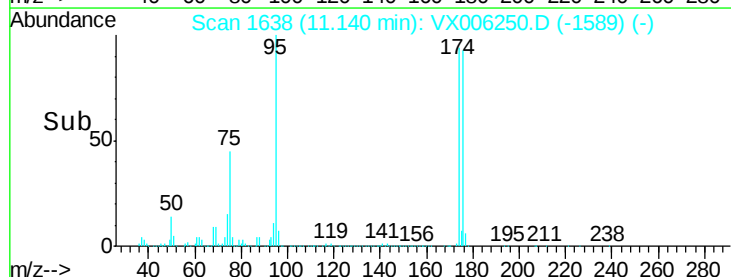
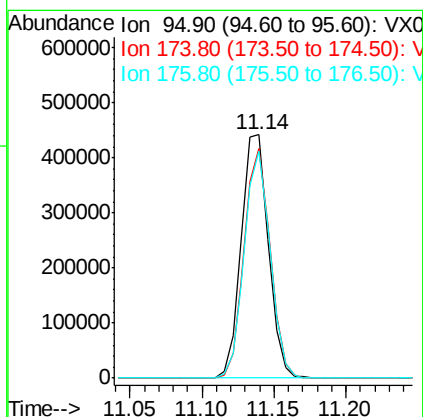
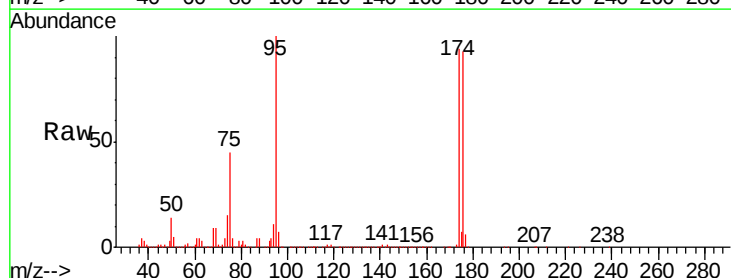
Tgt Ion: 95 Resp: 578792

Ion Ratio Lower Upper

95 100

174 90.3 0.0 187.0

176 88.6 0.0 181.8

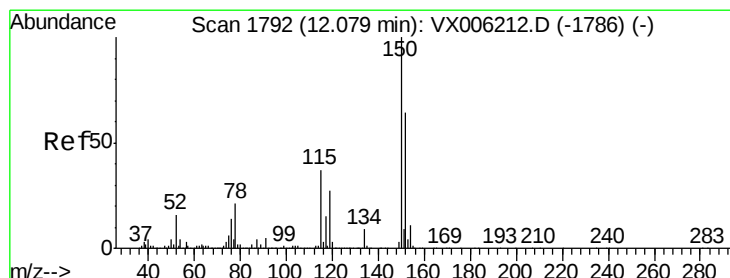
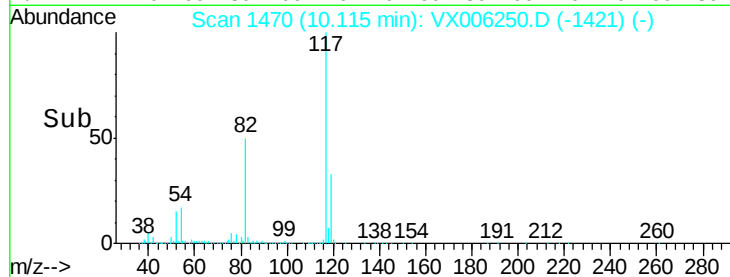
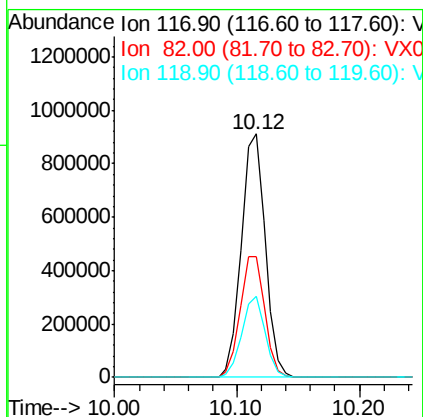
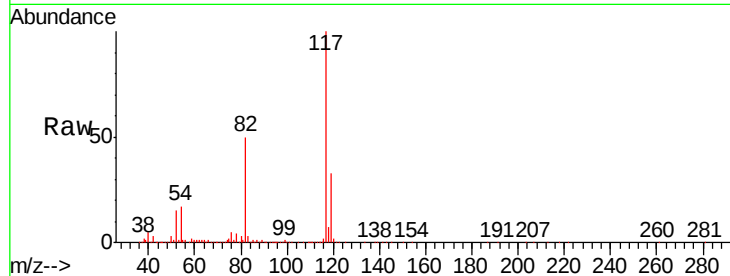




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006250.D
Acq: 03 Dec 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tgt Ion:117 Resp: 1233296
Ion Ratio Lower Upper
117 100
82 49.6 39.6 59.4
119 33.1 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: VX006250.D
Acq: 03 Dec 2018 13:51

Tgt Ion:152 Resp: 596891
Ion Ratio Lower Upper
152 100
115 55.8 39.0 116.9
150 156.2 0.0 345.8

