

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004615.D
 Acq On : 16 Sep 2018 05:45
 Operator : JC/MD
 Sample : J4913-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20180913

Quant Time: Sep 19 16:19:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153459	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	141011	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	8.71	98	437414	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	11.14	95	148568	41.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.20%	

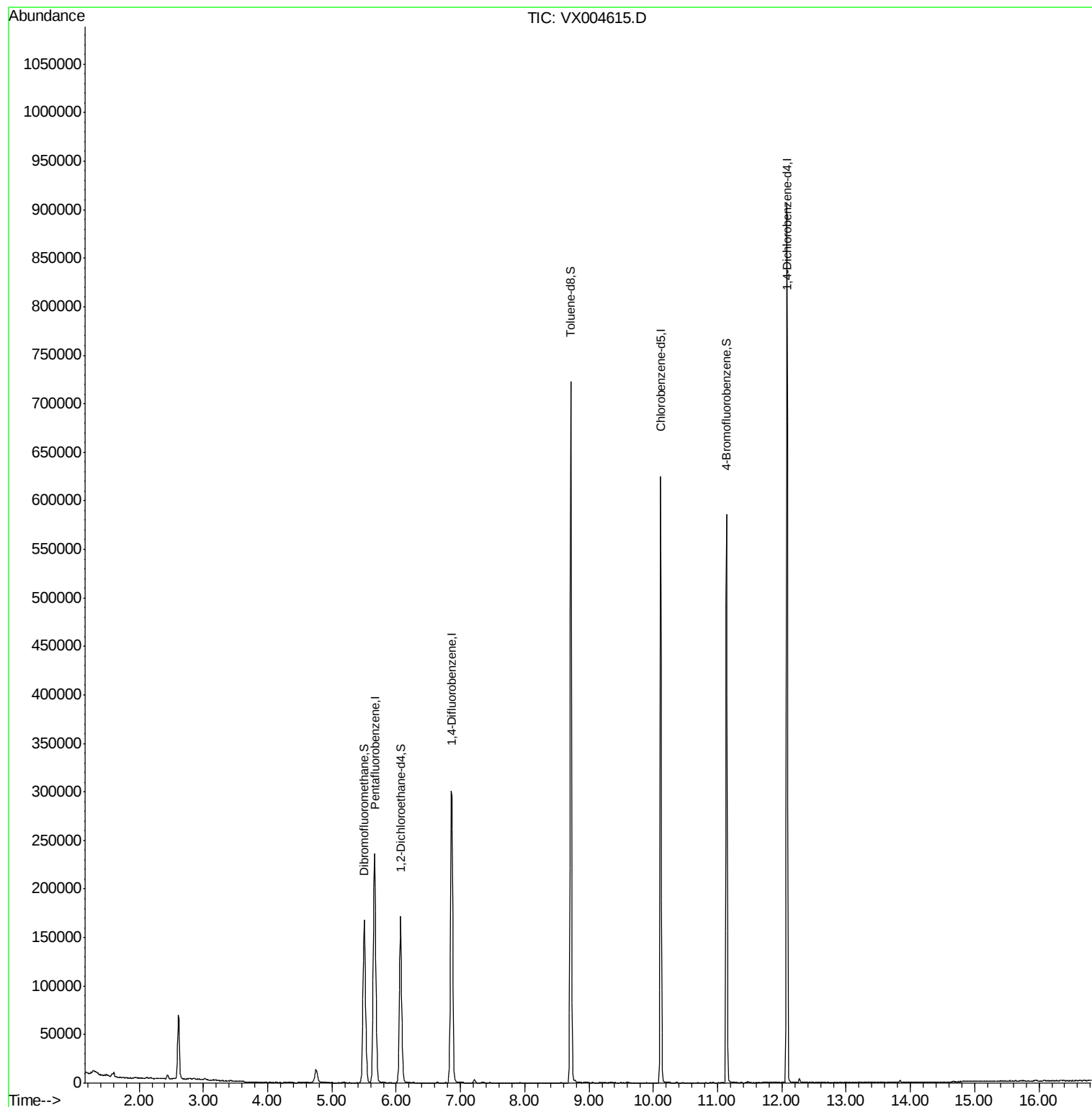
Target Compounds	Qvalue

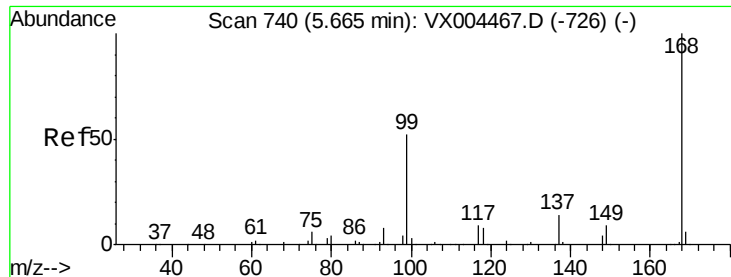
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004615.D

Acq: 16 Sep 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

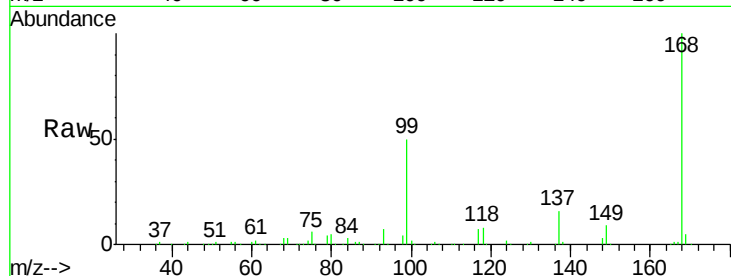
BPS1-TT-MW307S-20180913

Tot Ion:168 Resp: 246754

Ion Ratio Lower Upper

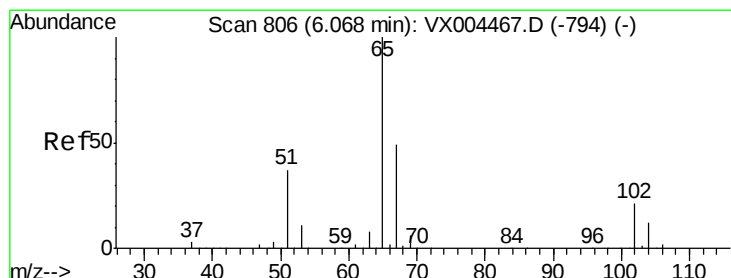
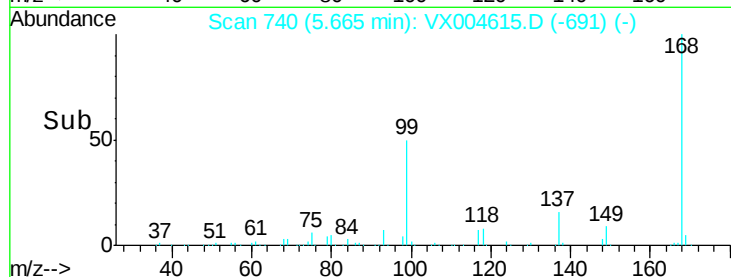
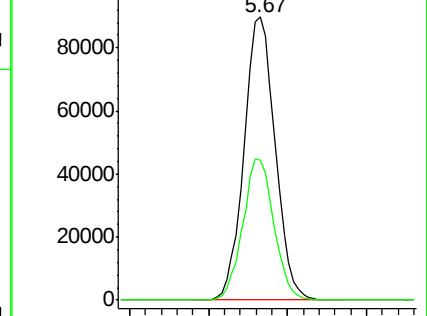
168 100

99 49.6 39.9 59.9



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: 48.23 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004615.D

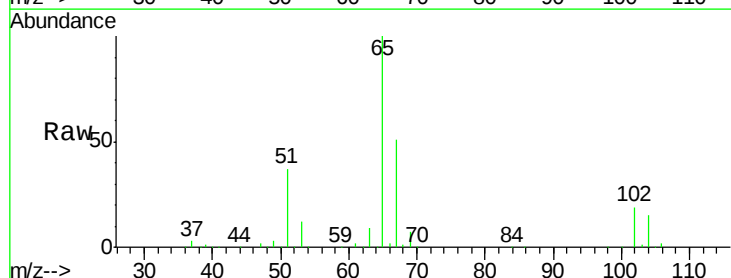
Acq: 16 Sep 2018 05:45

Tgt Ion: 65 Resp: 153459

Ion Ratio Lower Upper

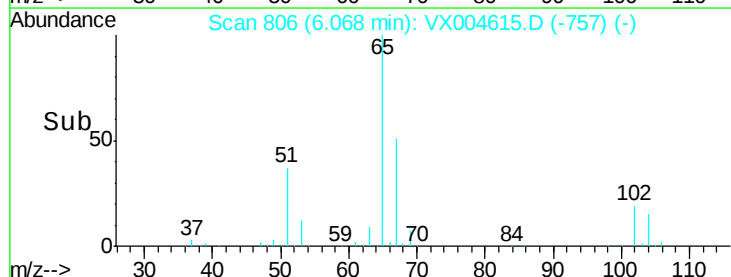
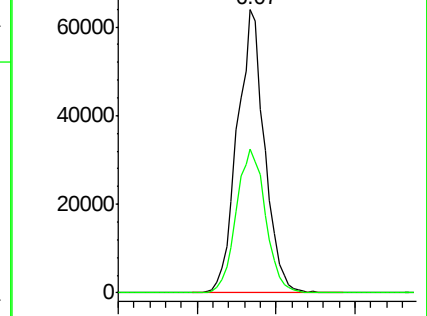
65 100

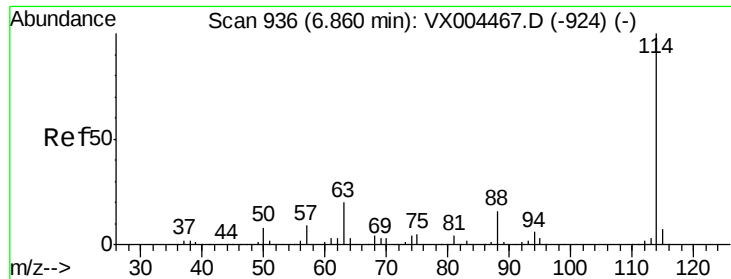
67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

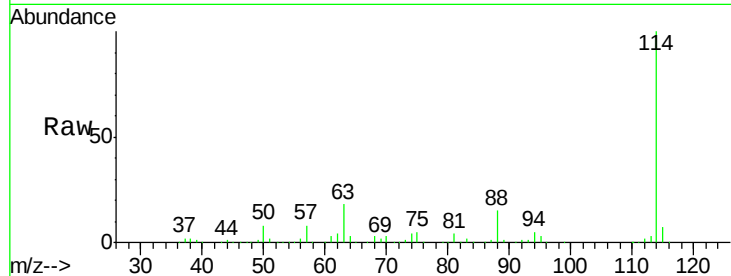




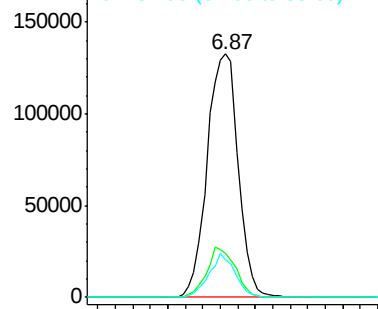
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004615.D
 Acq: 16 Sep 2018 05:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20180913

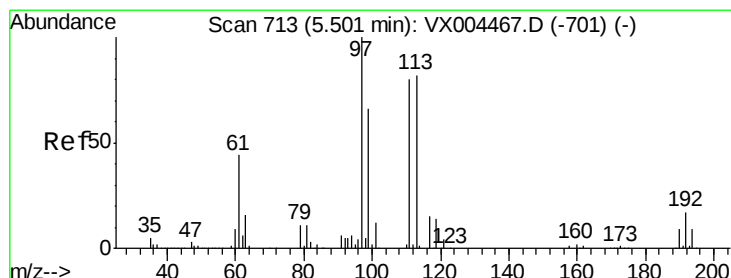
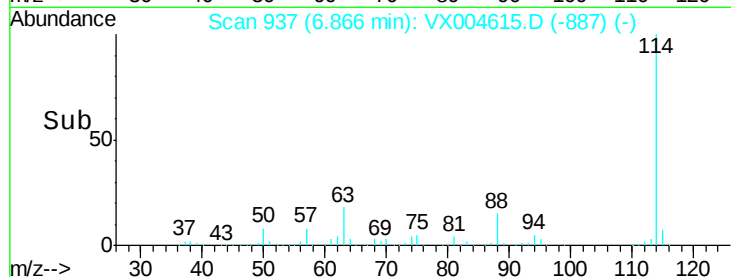
Tot Ion:114 Resp: 325992
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.0
 88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

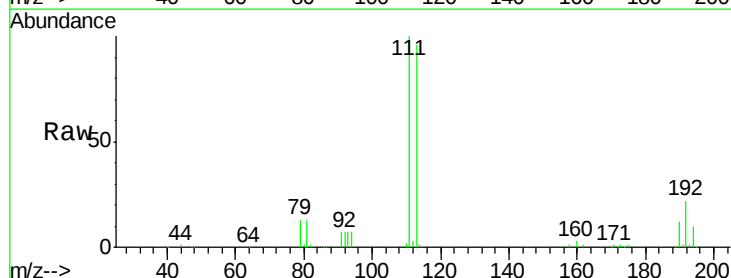


Time-->

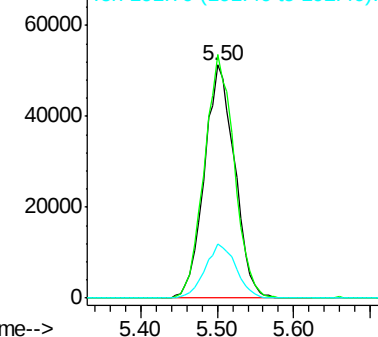


#35
 Dibromofluoromethane
 Concen: 47.27 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004615.D
 Acq: 16 Sep 2018 05:45

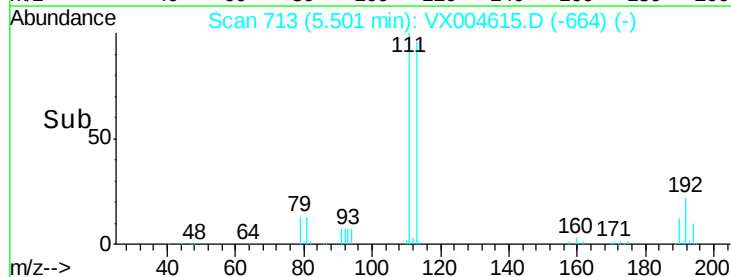
Tgt Ion:113 Resp: 141011
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.6 19.4 29.2

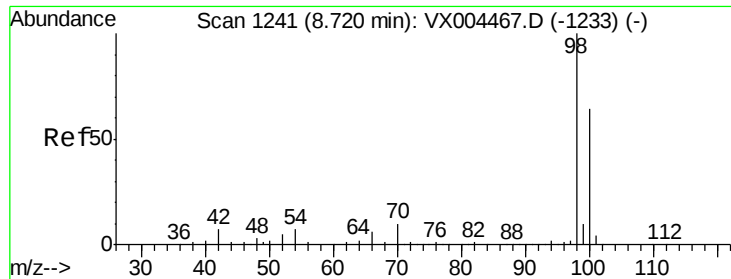


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 43.72 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004615.D

Acq: 16 Sep 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

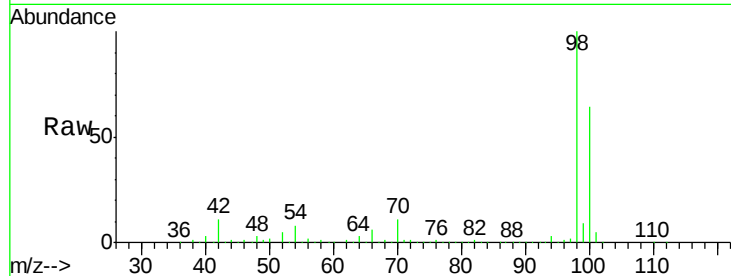
BPS1-TT-MW307S-20180913

Tot Ion: 98 Resp: 437414

Ion Ratio Lower Upper

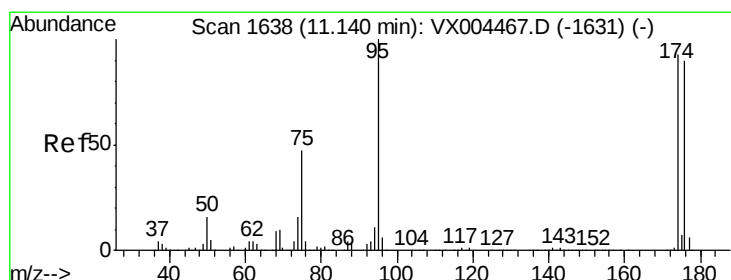
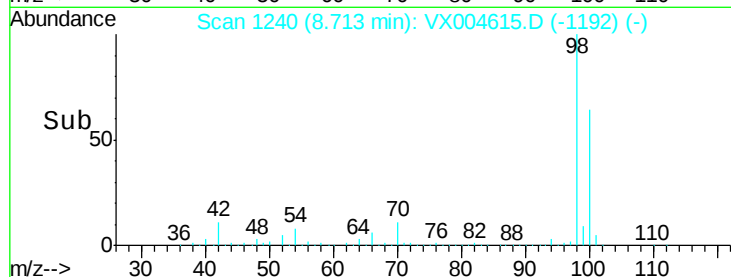
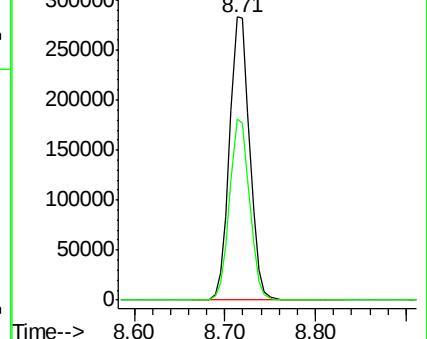
98 100

100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.60 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004615.D

Acq: 16 Sep 2018 05:45

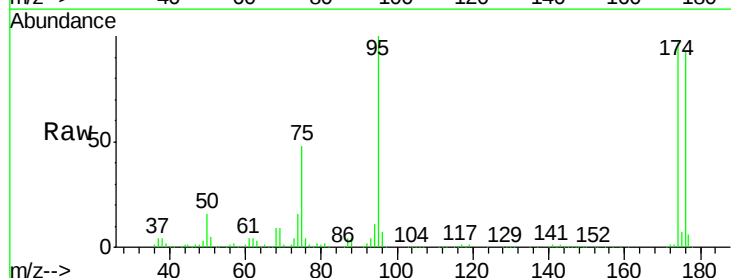
Tgt Ion: 95 Resp: 148568

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

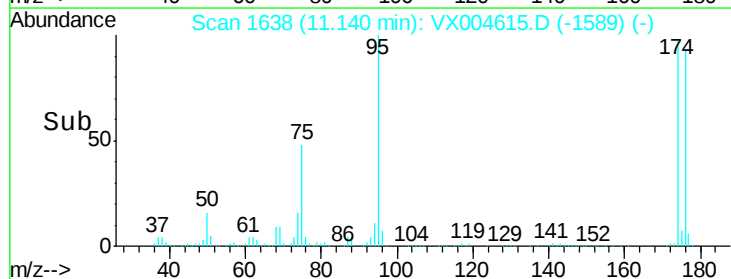
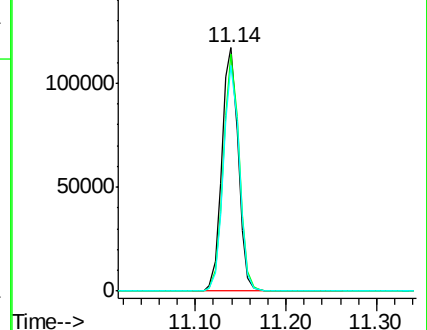
176 90.4 0.0 178.6

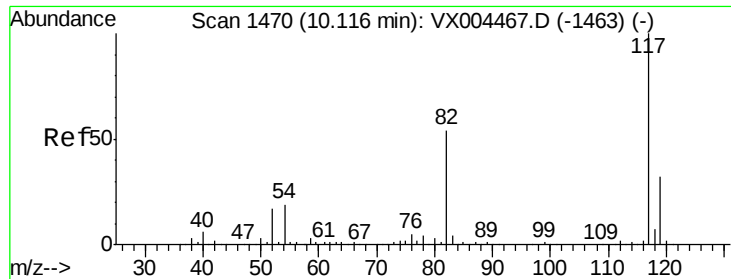


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

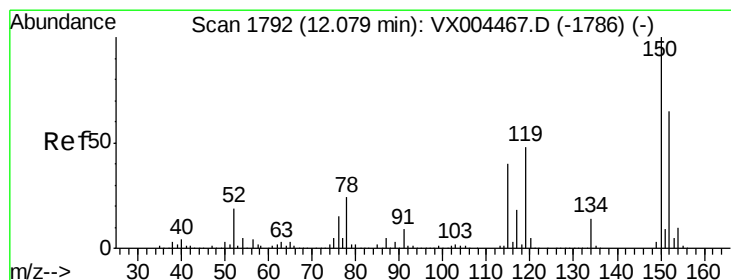
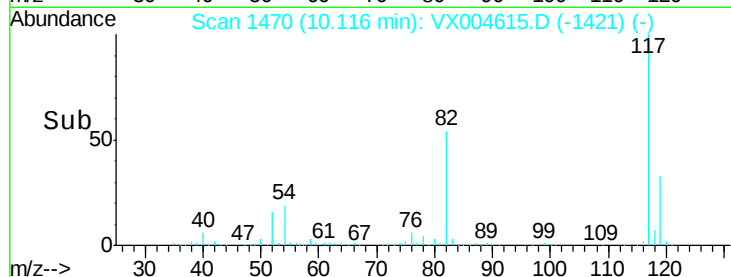
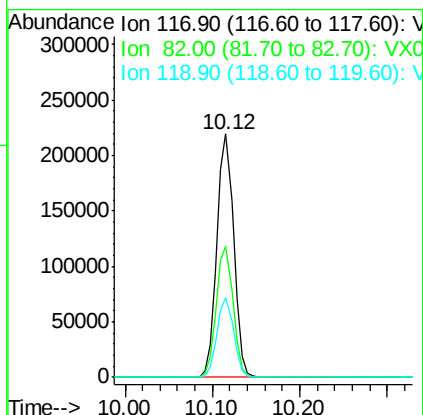
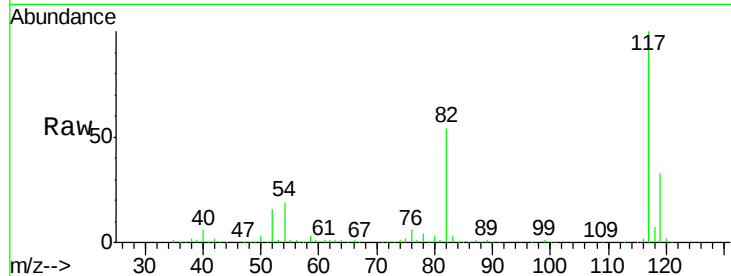




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004615.D
Acq: 16 Sep 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20180913

Tot Ion:117 Resp: 291083
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.9 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004615.D
Acq: 16 Sep 2018 05:45

Tgt Ion:152 Resp: 197066
Ion Ratio Lower Upper
152 100
115 53.5 39.0 117.0
150 145.2 0.0 351.0

