

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006170.D
 Acq On : 26 Nov 2018 12:58
 Operator : JC/MD
 Sample : J6031-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 27 02:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	492038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	453003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206078	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	5.50	113	165686	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.71	98	595103	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	198492	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	

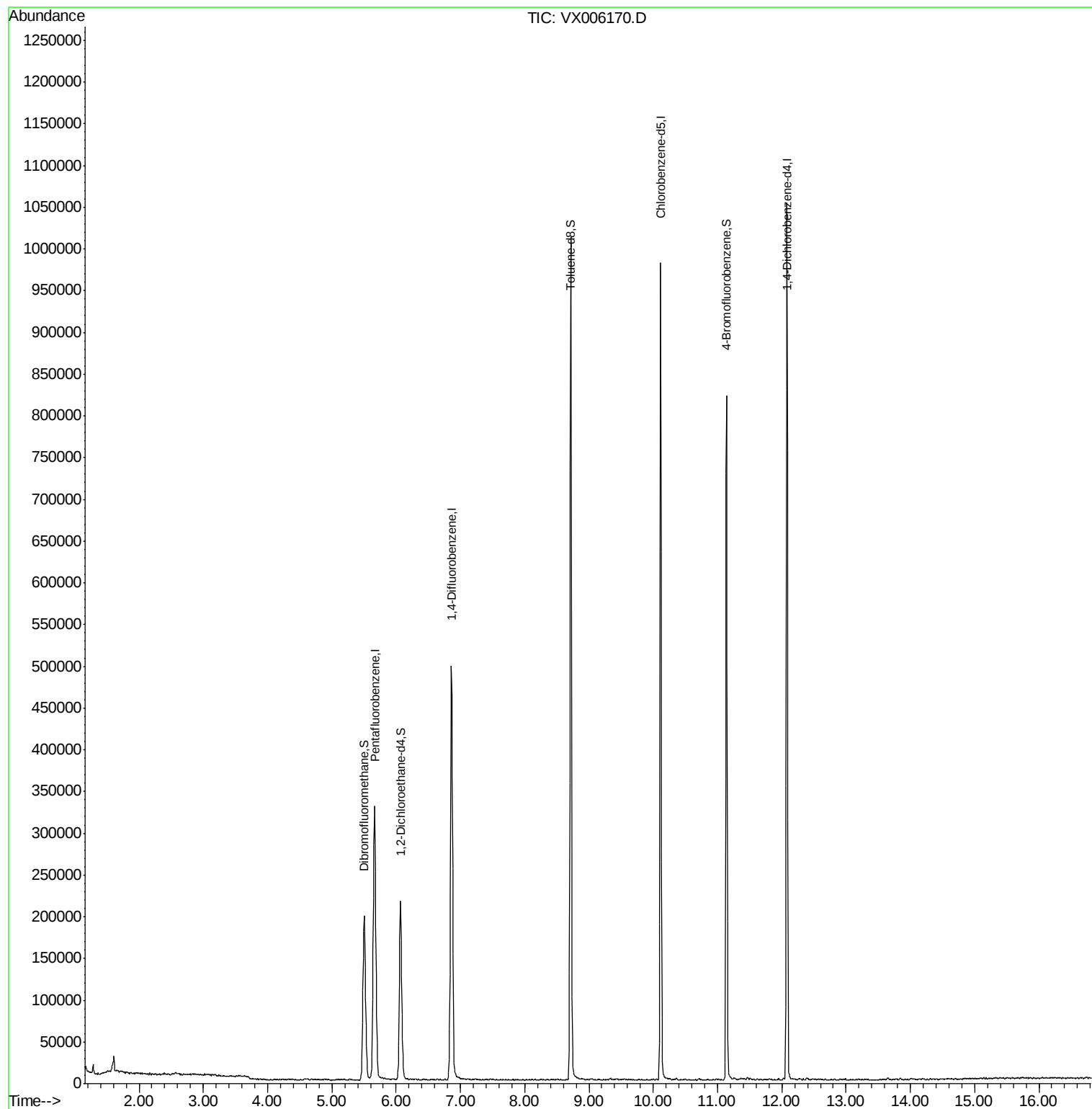
Target Compounds	Qvalue

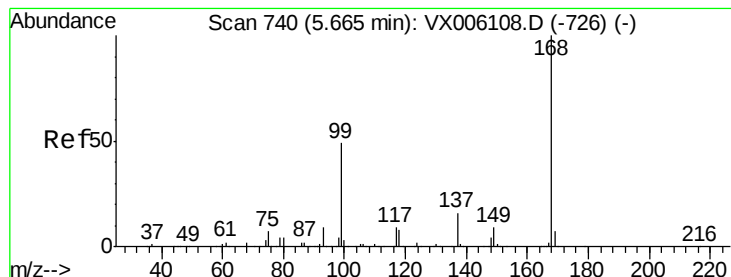
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006170.D

Acq: 26 Nov 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

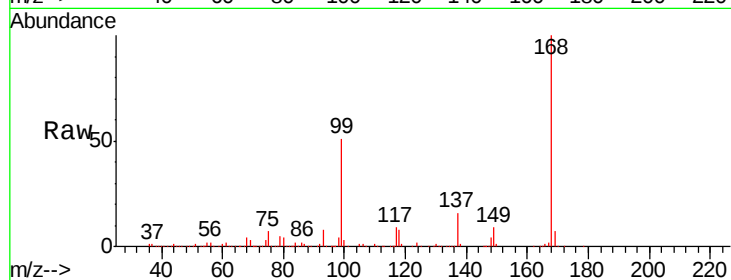
TRIP-BLANK

Tgt Ion:168 Resp: 326777

Ion Ratio Lower Upper

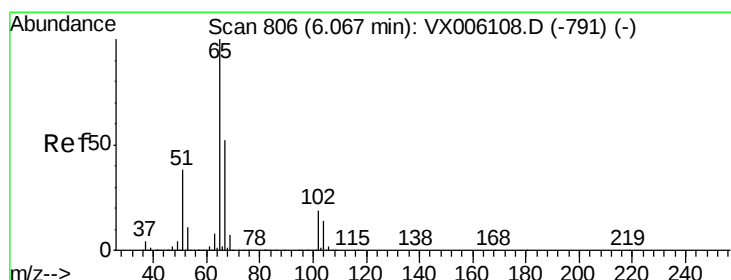
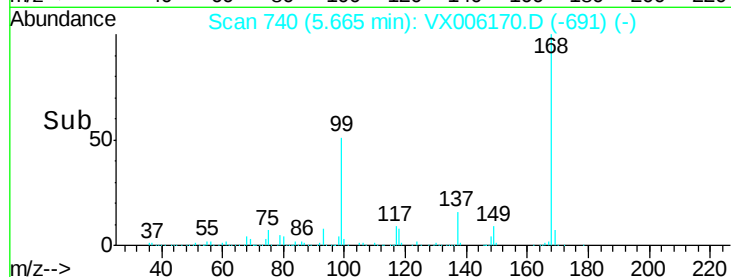
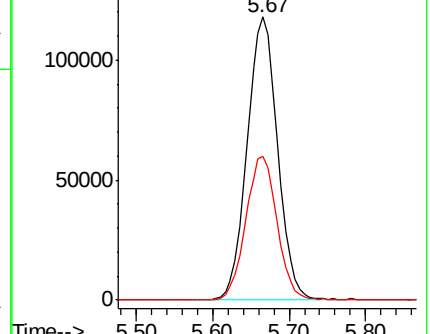
168 100

99 50.8 39.2 58.8



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: 54.42 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006170.D

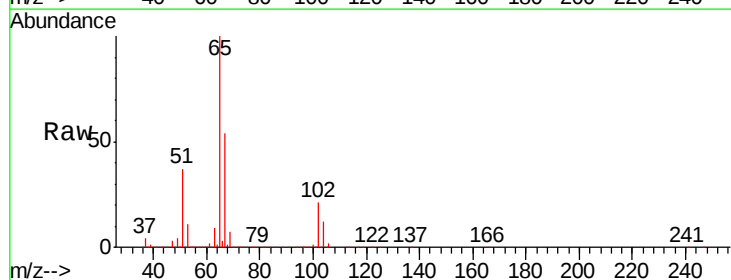
Acq: 26 Nov 2018 12:58

Tgt Ion: 65 Resp: 206078

Ion Ratio Lower Upper

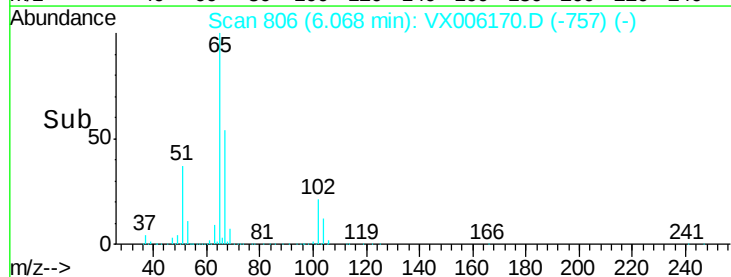
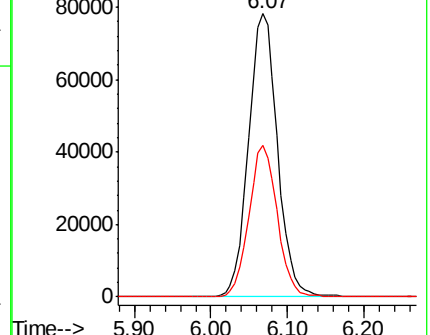
65 100

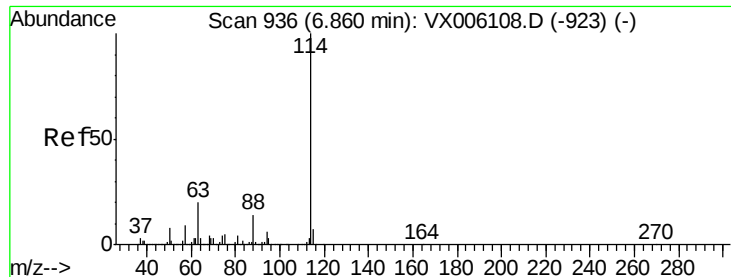
67 52.1 0.0 105.8



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006170.D

Acq: 26 Nov 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

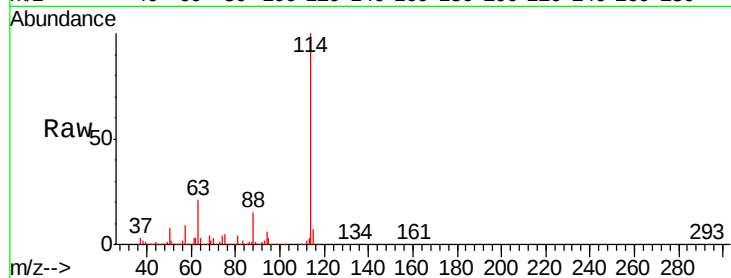
Tgt Ion:114 Resp: 492038

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

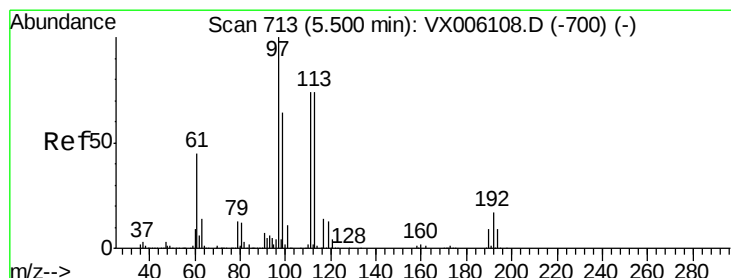
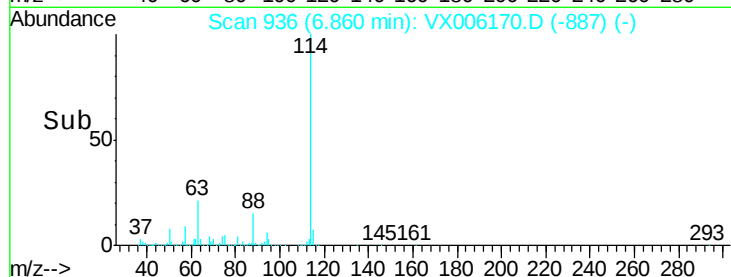
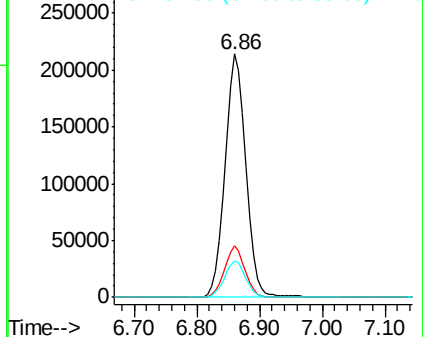
88 15.1 0.0 28.6



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: 52.46 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006170.D

Acq: 26 Nov 2018 12:58

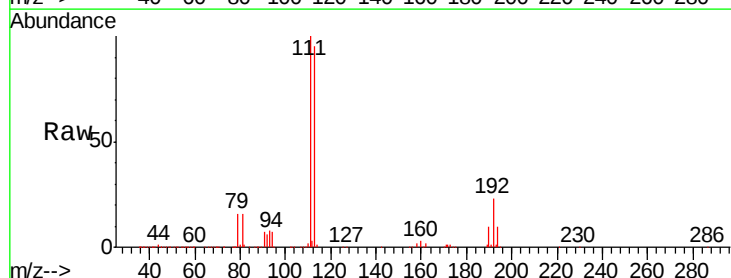
Tgt Ion:113 Resp: 165686

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

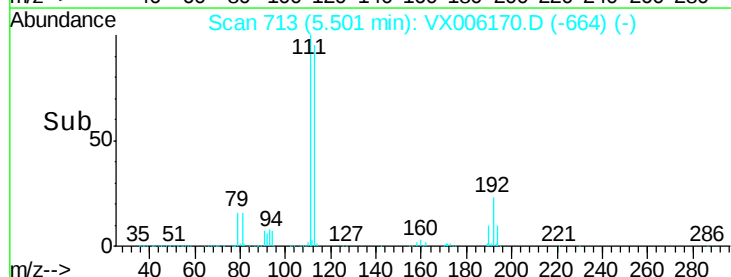
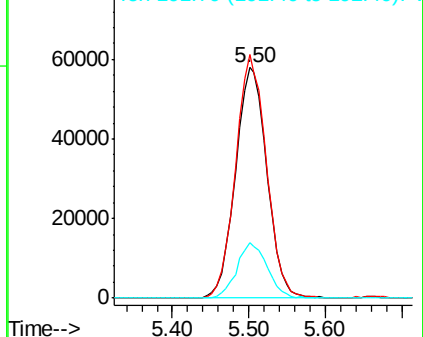
192 23.2 18.6 28.0

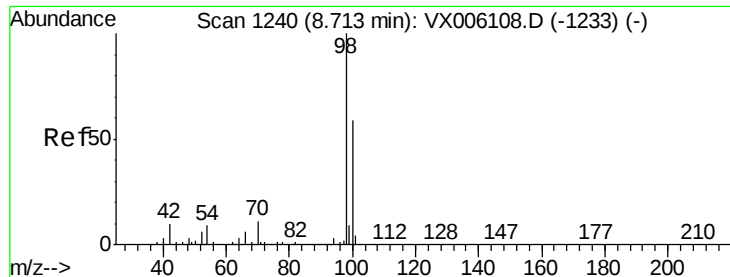


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.40 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006170.D

Acq: 26 Nov 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

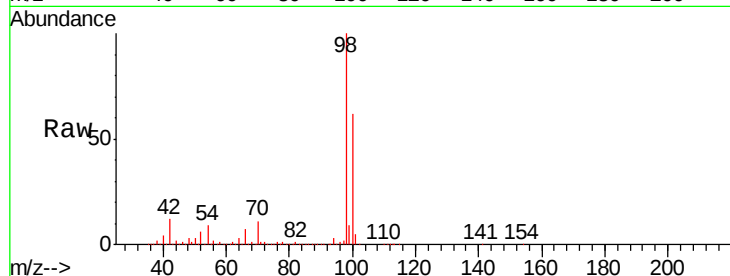
TRIP-BLANK

Tgt Ion: 98 Resp: 595103

Ion Ratio Lower Upper

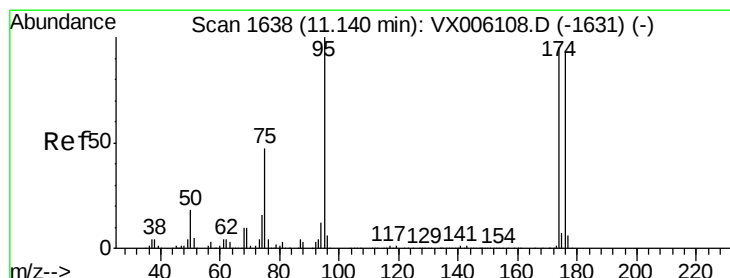
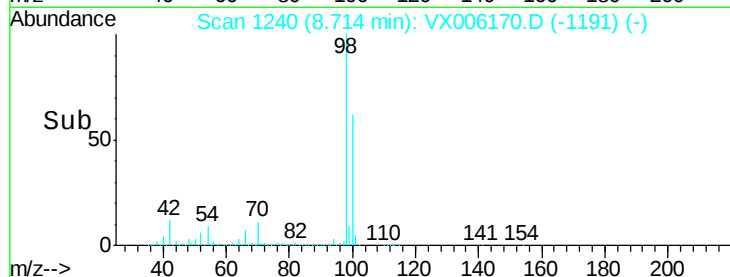
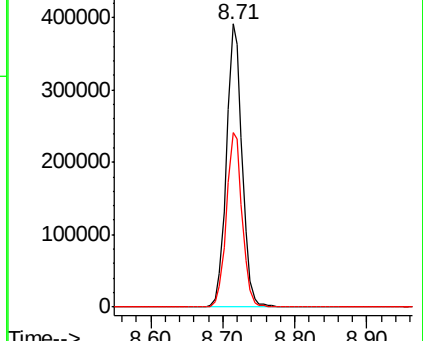
98 100

100 62.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 43.91 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006170.D

Acq: 26 Nov 2018 12:58

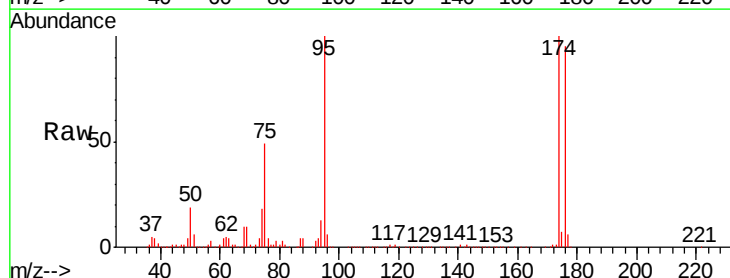
Tgt Ion: 95 Resp: 198492

Ion Ratio Lower Upper

95 100

174 93.3 0.0 184.4

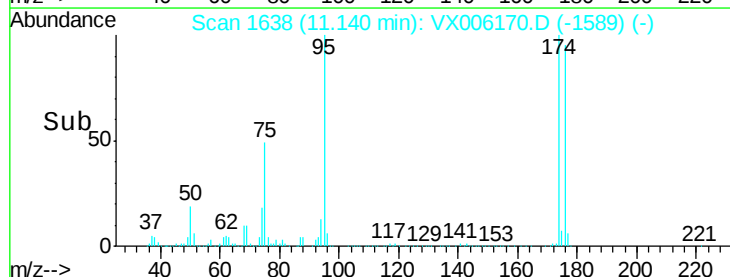
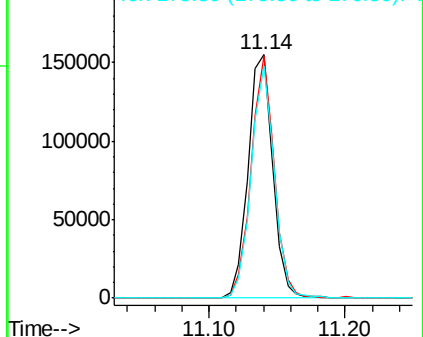
176 90.1 0.0 179.0

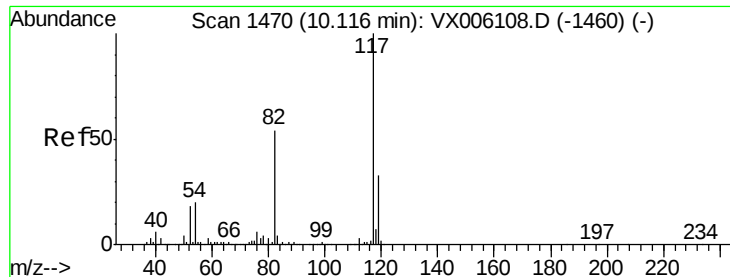


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

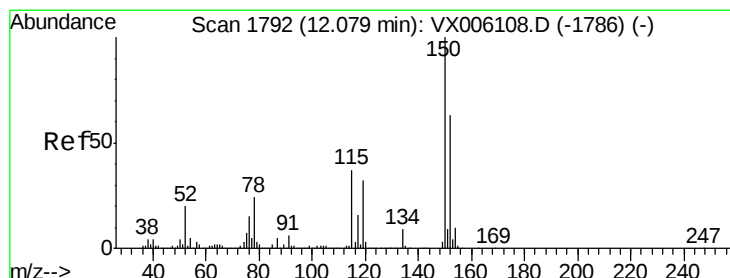
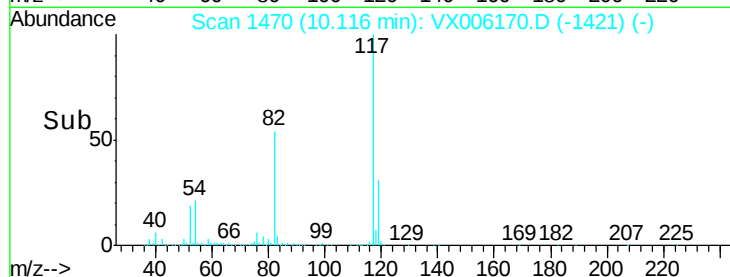
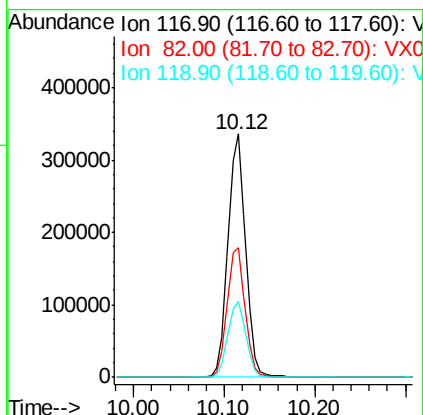
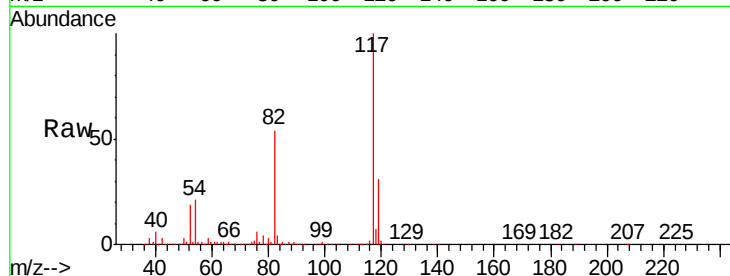




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006170.D
Acq: 26 Nov 2018 12:58

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 453003
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006170.D
Acq: 26 Nov 2018 12:58

Tgt Ion:152 Resp: 217785
Ion Ratio Lower Upper
152 100
115 54.9 39.0 116.9
150 155.5 0.0 346.6

