

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007094.D
 Acq On : 17 Jan 2019 17:36
 Operator : JC/SP
 Sample : K1172-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0499-190114

Quant Time: Jan 18 06:31:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	579886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	896233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	836245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413647	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	309184	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	274266	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.71	98	1068449	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	378273	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

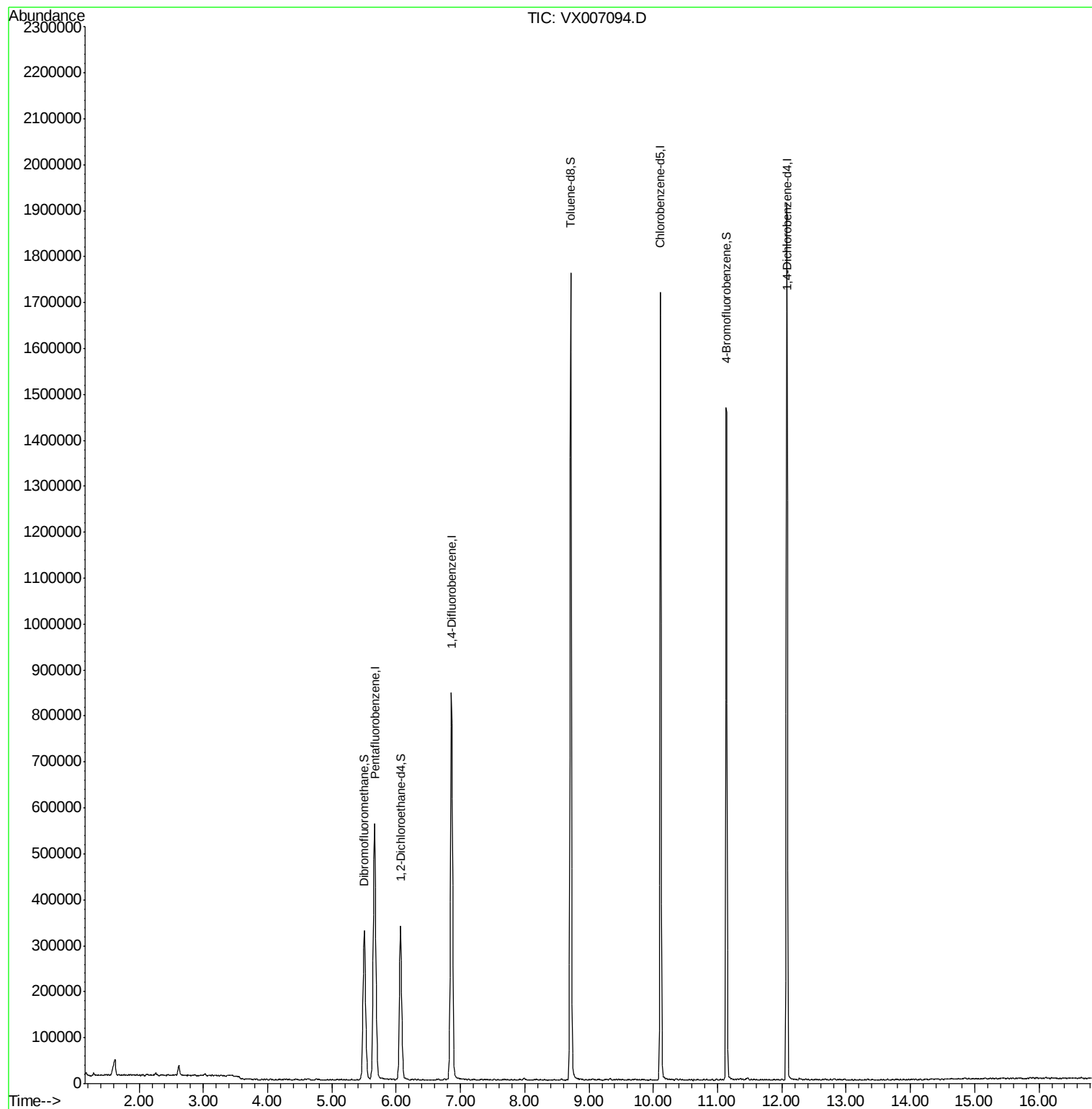
Target Compounds	Qvalue

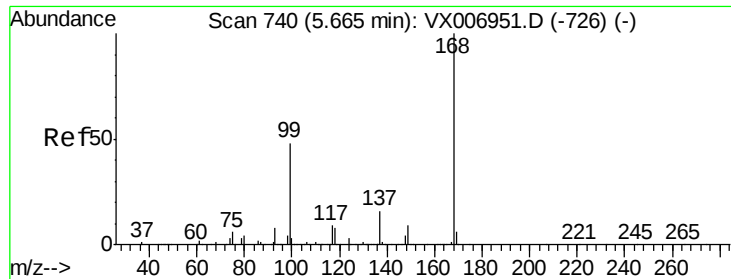
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007094.D

Acq: 17 Jan 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

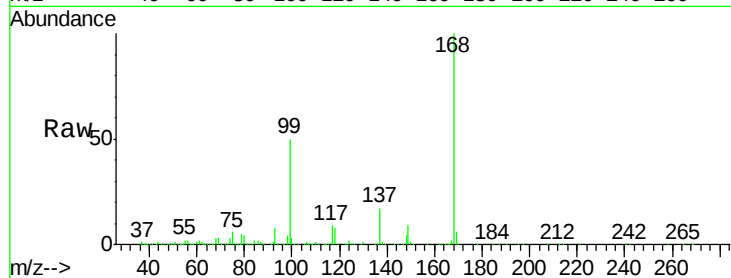
DUP-0499-190114

Tot Ion:168 Resp: 579886

Ion Ratio Lower Upper

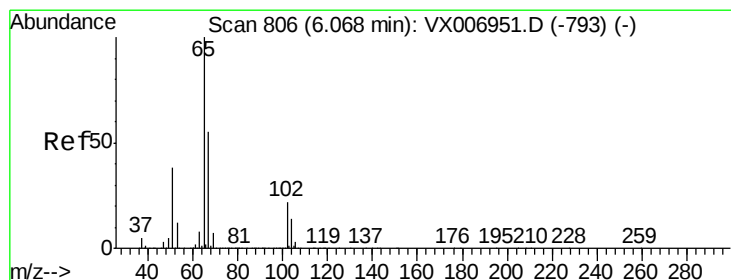
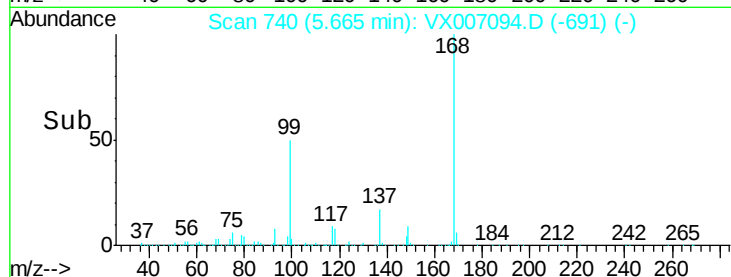
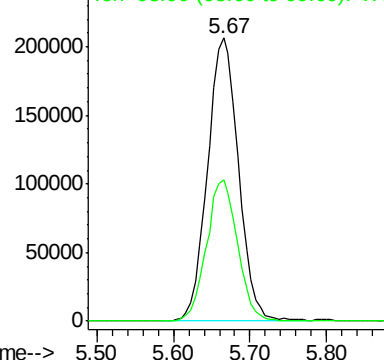
168 100

99 49.7 41.8 62.8



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: 51.018 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007094.D

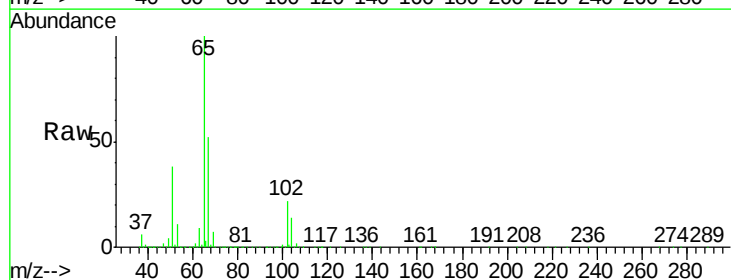
Acq: 17 Jan 2019 17:36

Tgt Ion: 65 Resp: 309184

Ion Ratio Lower Upper

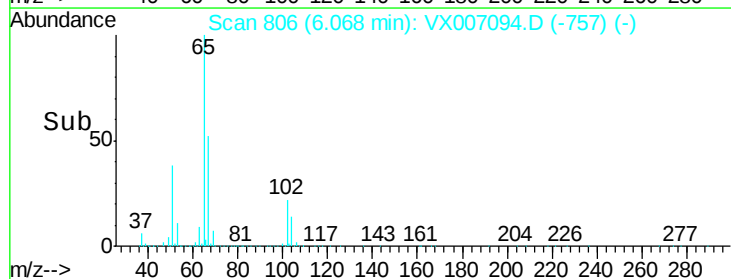
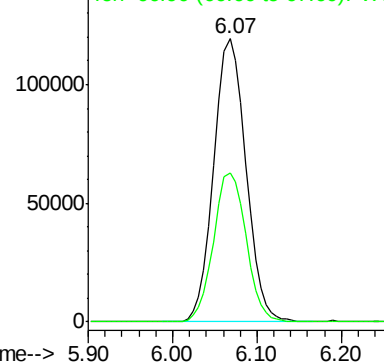
65 100

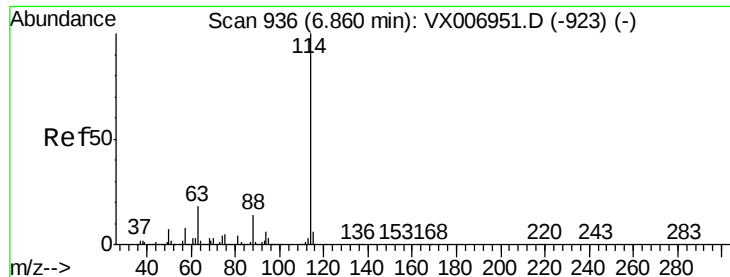
67 53.6 0.0 105.0



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: VX007094.D

Acq: 17 Jan 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-0499-190114

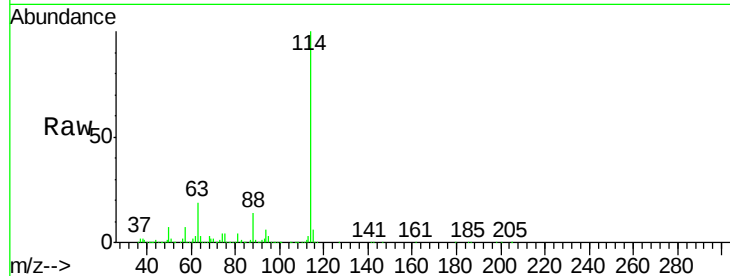
Tot Ion:114 Resp: 896233

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

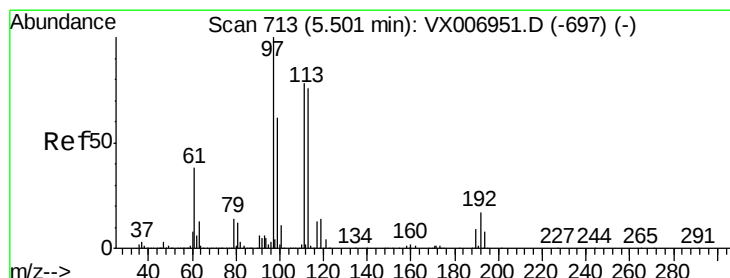
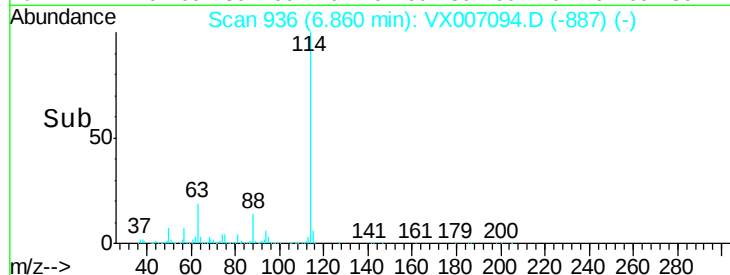
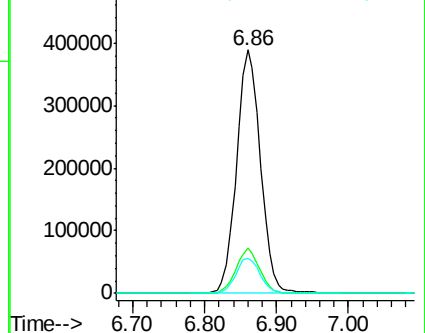
88 14.5 0.0 28.8



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: 47.786 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007094.D

Acq: 17 Jan 2019 17:36

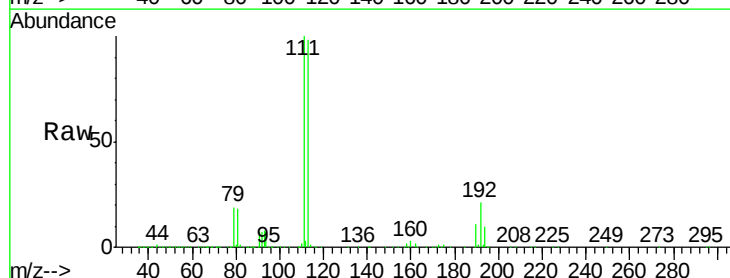
Tgt Ion:113 Resp: 274266

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

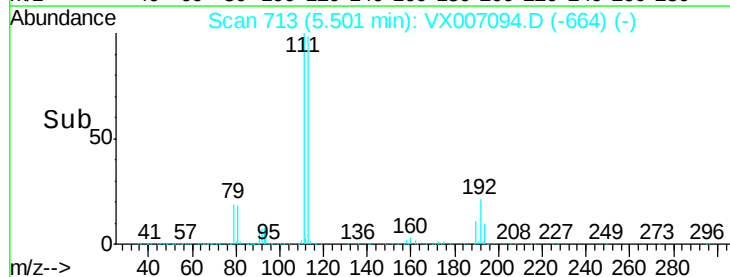
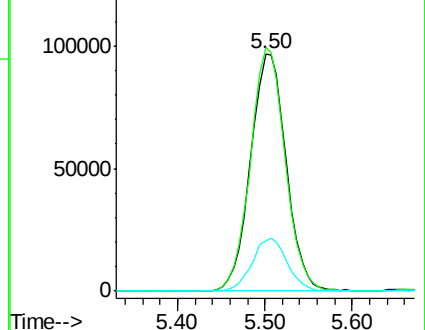
192 22.1 16.7 25.1

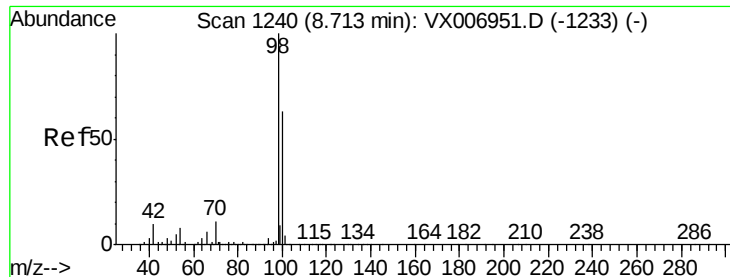


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.859 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007094.D

Acq: 17 Jan 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

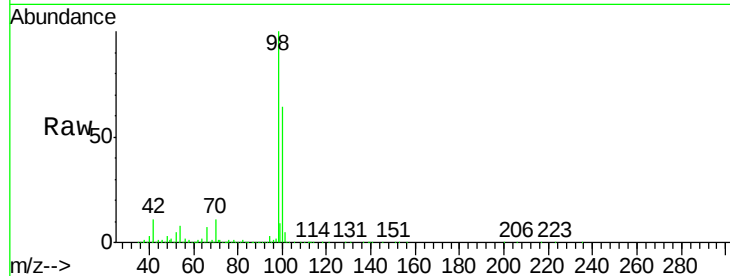
DUP-0499-190114

Tot Ion: 98 Resp: 1068449

Ion Ratio Lower Upper

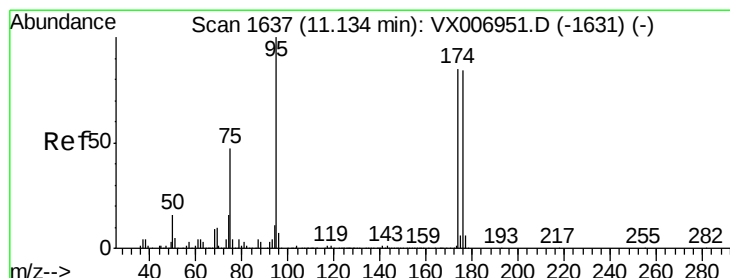
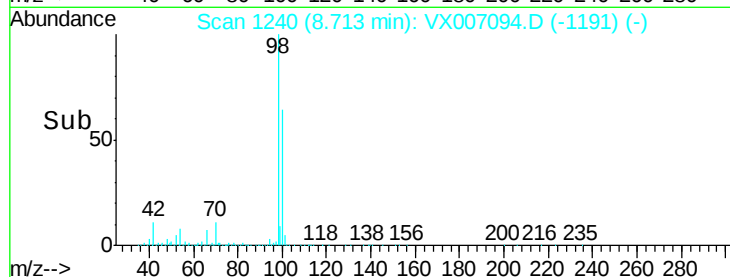
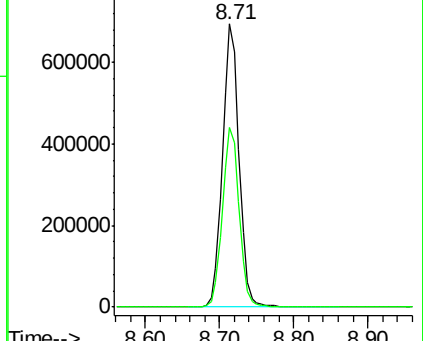
98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.649 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007094.D

Acq: 17 Jan 2019 17:36

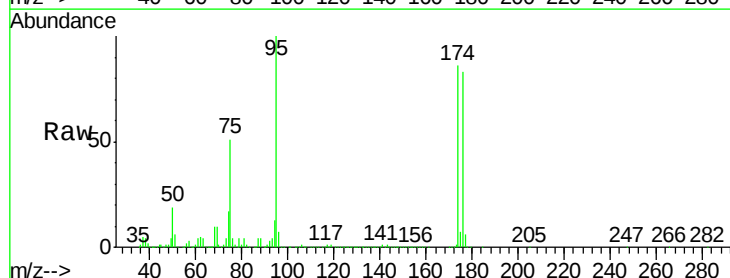
Tgt Ion: 95 Resp: 378273

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

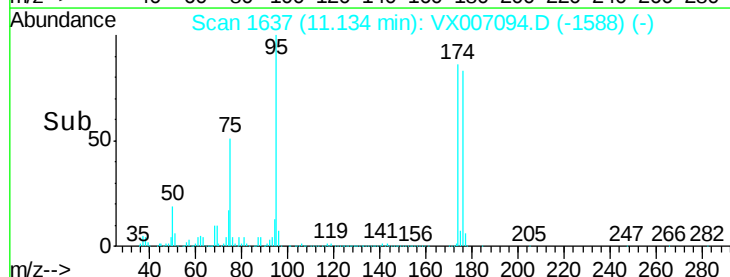
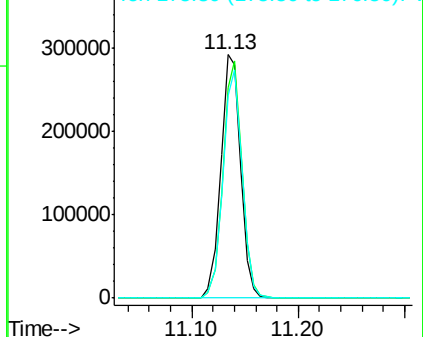
176 91.7 0.0 178.8

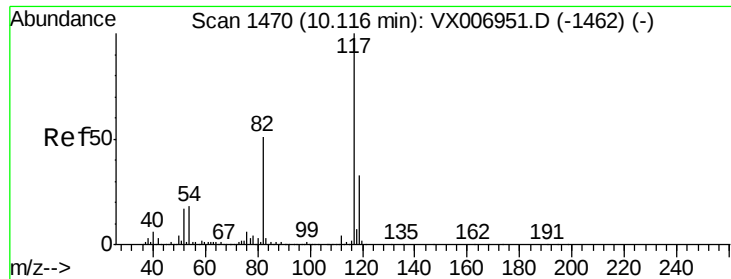


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

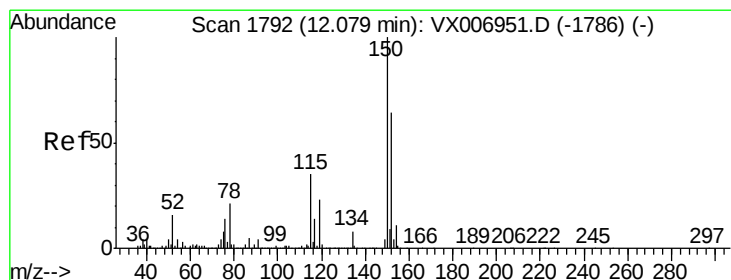
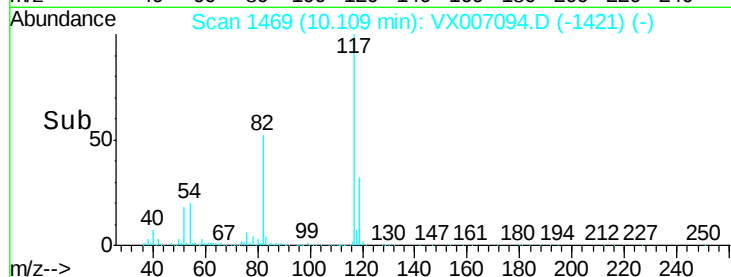
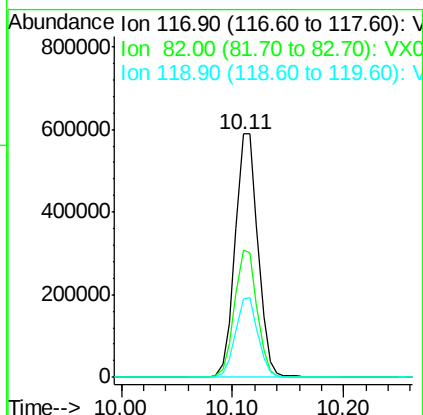
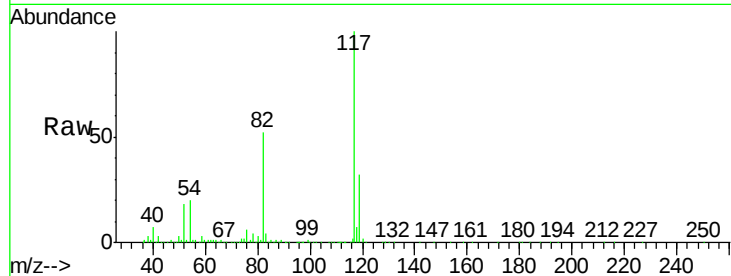




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007094.D
Acq: 17 Jan 2019 17:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-0499-190114

Tot Ion:117 Resp: 836245
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.6
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007094.D
Acq: 17 Jan 2019 17:36

Tgt Ion:152 Resp: 413647
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 154.4 0.0 344.8

