

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041897.D
 Acq On : 14 Jun 2024 22:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 15 04:18:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

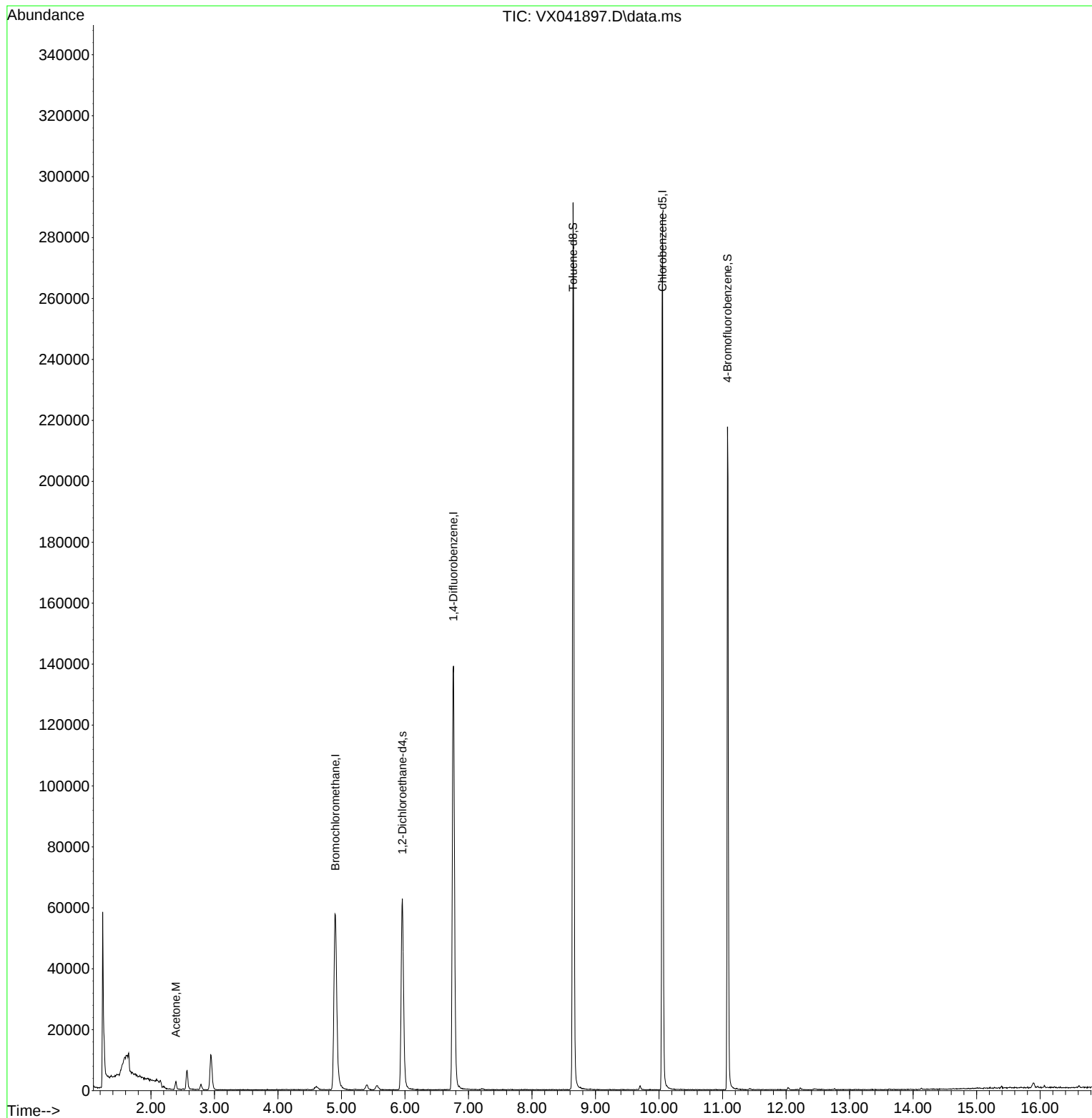
Internal Standards						
1) Bromochloromethane	4.904	128	29865	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	156794	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144466	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59942	29.156	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.200%
60) 4-Bromofluorobenzene	11.079	95	58621	26.214	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.367%
63) Toluene-d8	8.647	98	181645	29.389	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.967%
Target Compounds						
15) Acetone	2.392	58	905	2.864	ug/l	Qvalue 100

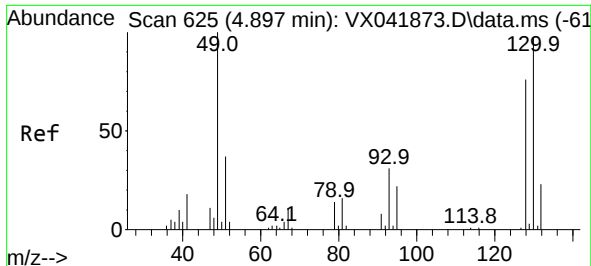
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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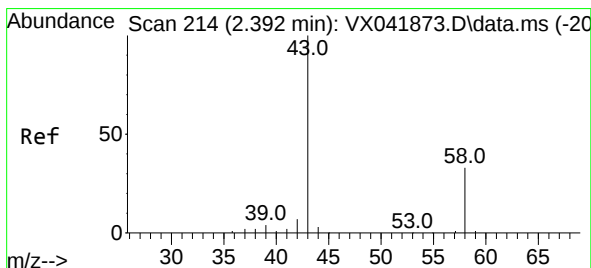
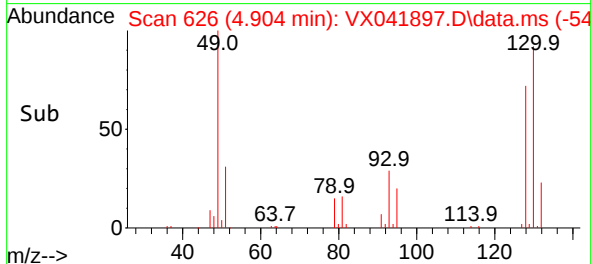
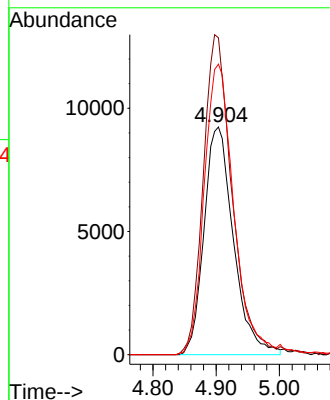
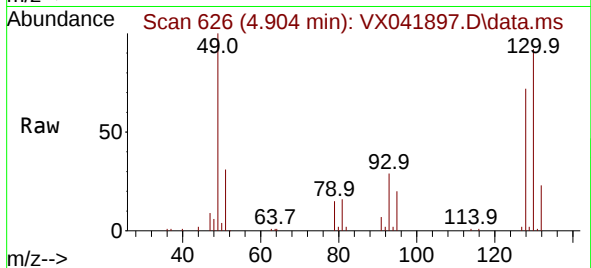




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041897.D
Acq: 14 Jun 2024 22:50

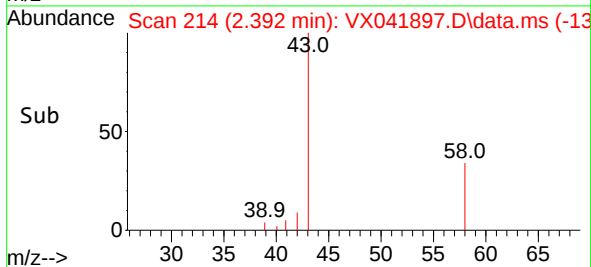
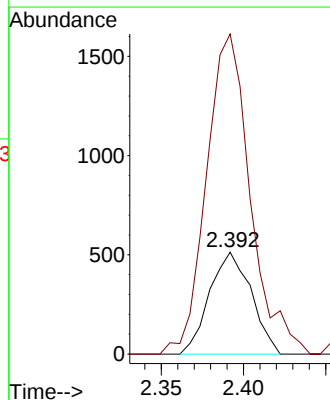
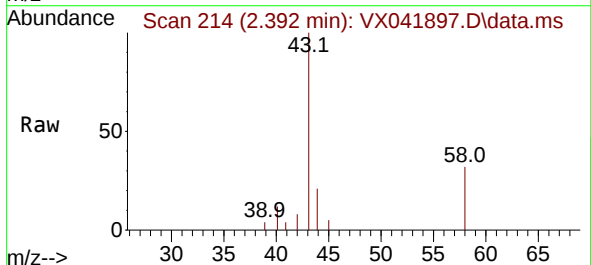
Instrument :
MSVOA_X
ClientSampleId :
IBLK

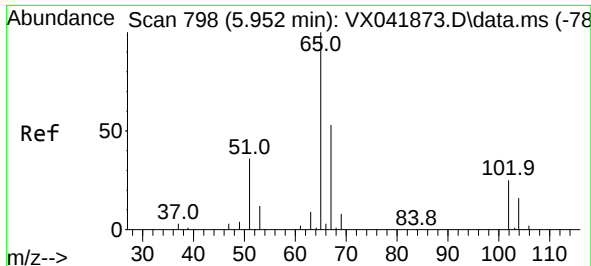
Tgt Ion:128 Resp: 29865
Ion Ratio Lower Upper
128 100
49 137.3 0.0 338.5
130 127.9 0.0 324.5



#15
Acetone
Concen: 2.864 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041897.D
Acq: 14 Jun 2024 22:50

Tgt Ion: 58 Resp: 905
Ion Ratio Lower Upper
58 100
43 304.1 243.4 365.2





#27

1,2-Dichloroethane-d4

Concen: 29.156 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041897.D

Acq: 14 Jun 2024 22:50

Instrument :

MSVOA_X

ClientSampleId :

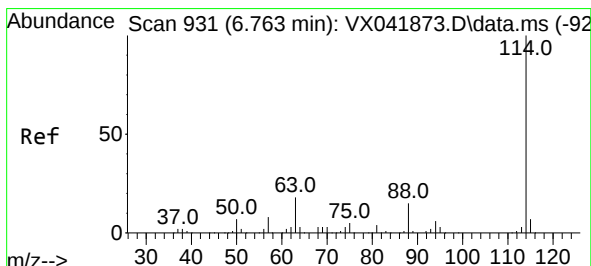
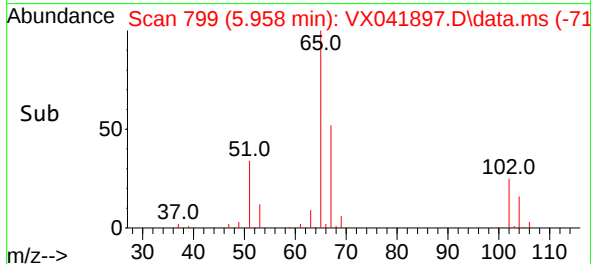
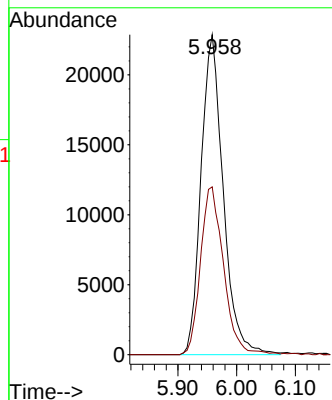
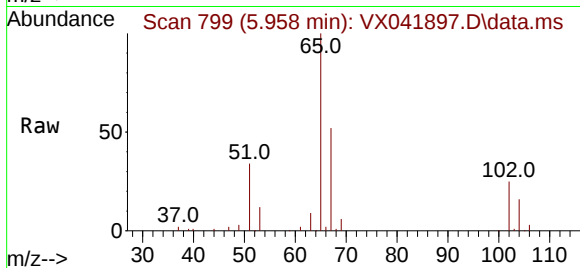
IBLK

Tgt Ion: 65 Resp: 59942

Ion Ratio Lower Upper

65 100

67 54.4 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041897.D

Acq: 14 Jun 2024 22:50

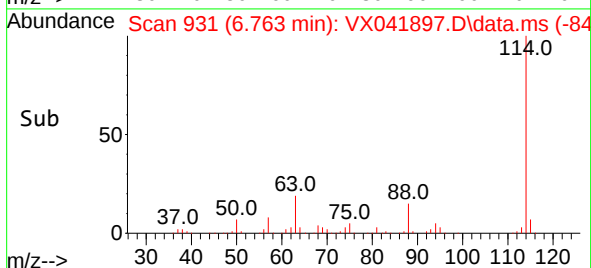
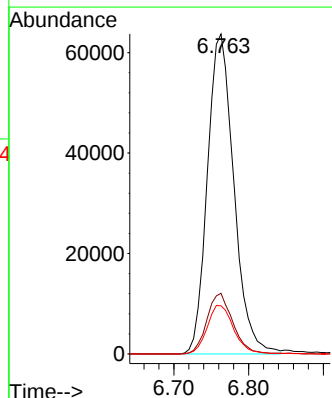
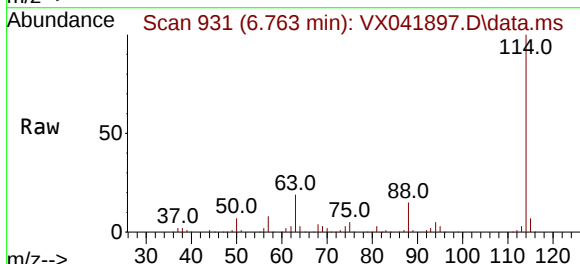
Tgt Ion: 114 Resp: 156794

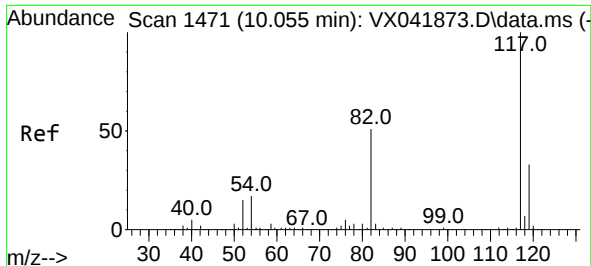
Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

88 15.2 11.8 17.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041897.D

Acq: 14 Jun 2024 22:50

Instrument :

MSVOA_X

ClientSampleId :

IBLK

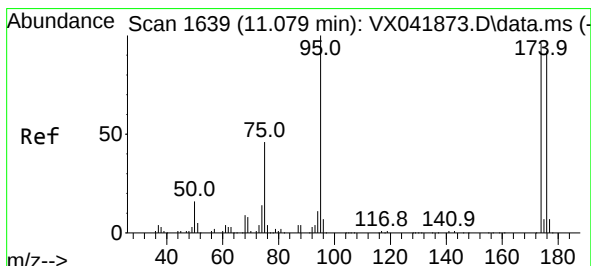
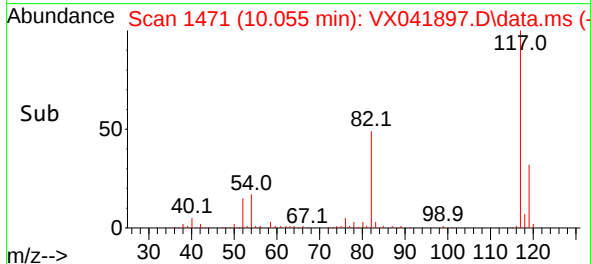
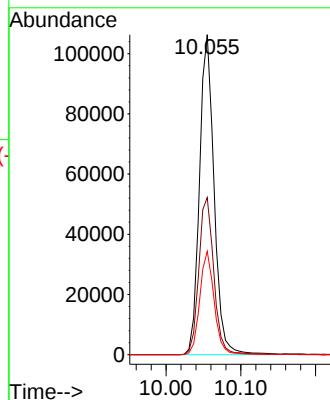
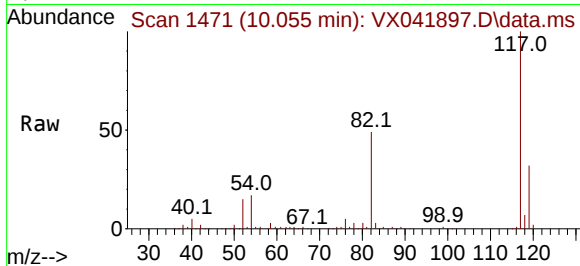
Tgt Ion:117 Resp: 144466

Ion Ratio Lower Upper

117 100

82 50.5 41.1 61.7

119 31.8 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.214 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041897.D

Acq: 14 Jun 2024 22:50

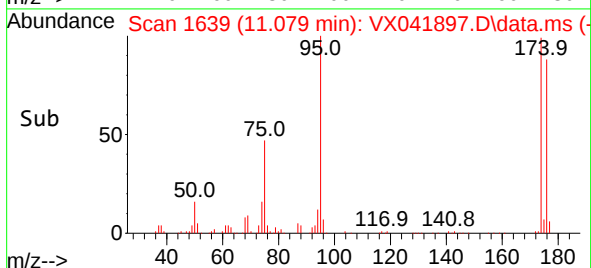
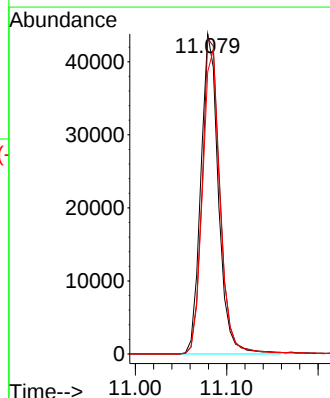
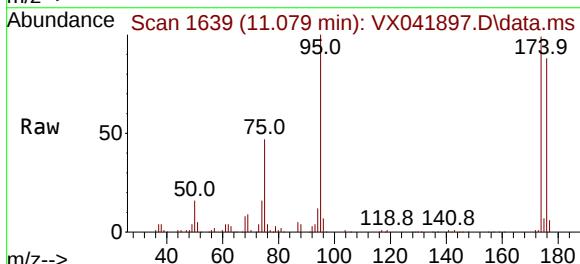
Tgt Ion: 95 Resp: 58621

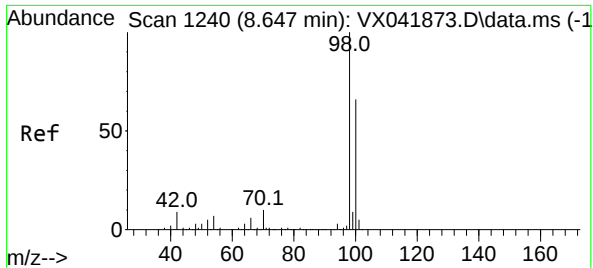
Ion Ratio Lower Upper

95 100

174 100.2 78.9 118.3

176 95.2 77.1 115.7





#63
Toluene-d8
Concen: 29.389 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041897.D
Acq: 14 Jun 2024 22:50

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 181645
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1

