

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039056.D
 Acq On : 29 Nov 2023 15:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 30 01:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

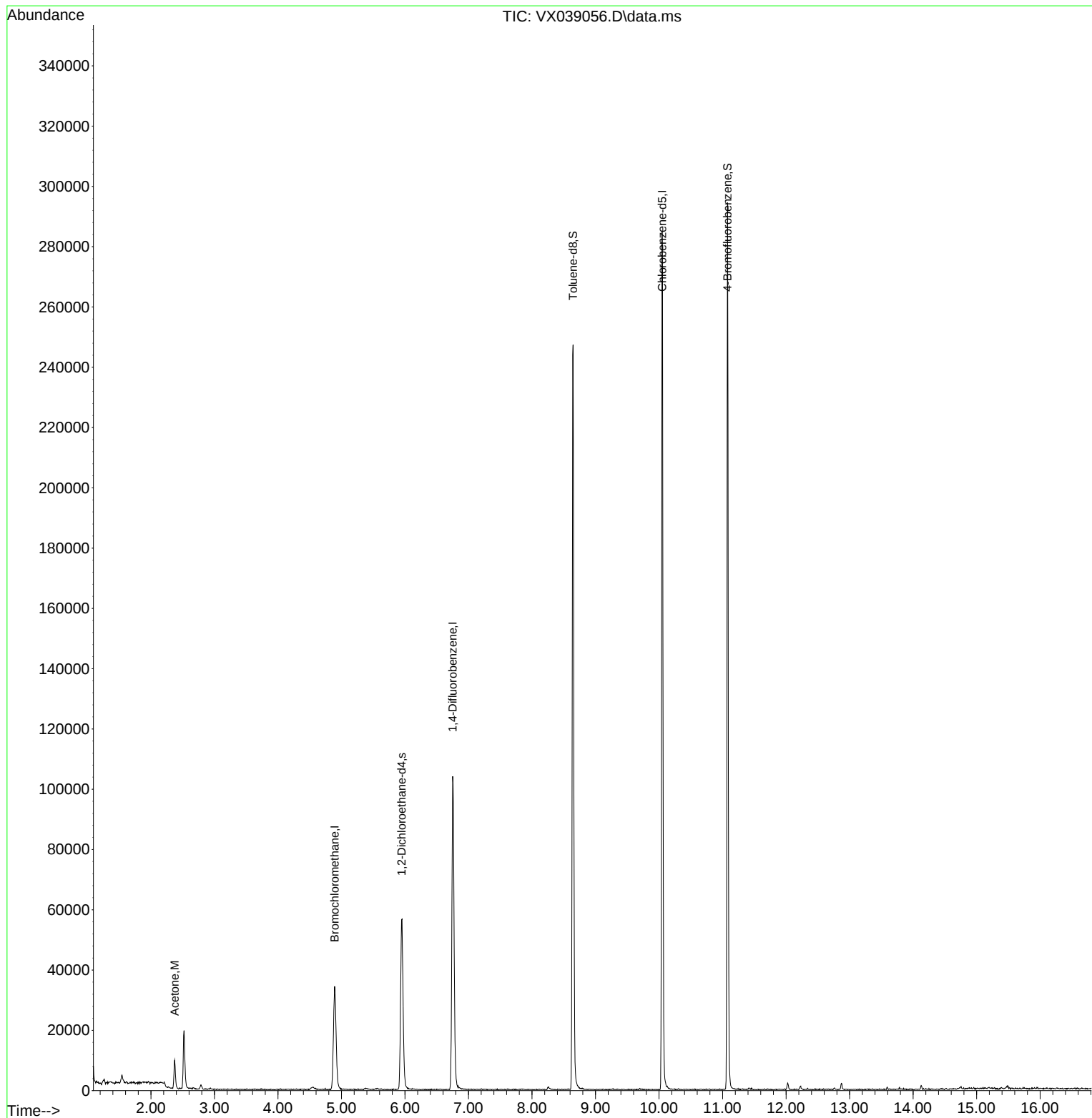
Internal Standards						
1) Bromochloromethane	4.891	128	13703	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	104525	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	129418	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	54832	29.249	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.500%
60) 4-Bromofluorobenzene	11.079	95	82057	29.029	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.767%
63) Toluene-d8	8.647	98	153618	30.023	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
15) Acetone	2.373	58	3107	6.012	ug/l	Qvalue 94

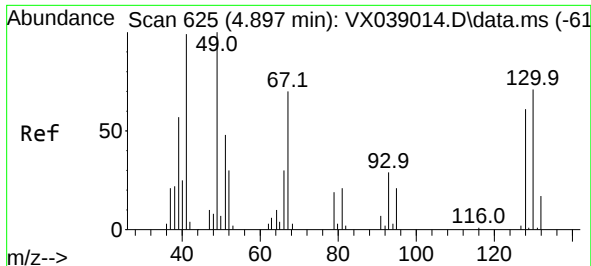
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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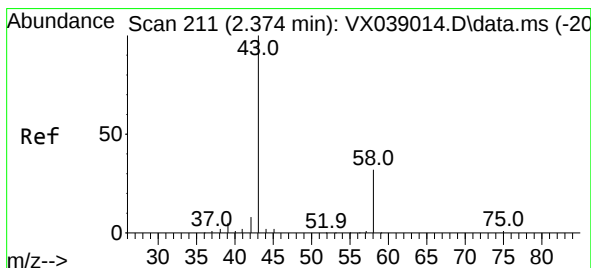
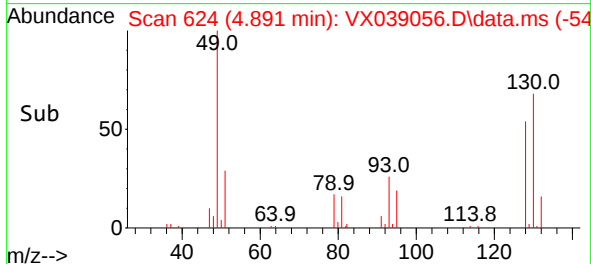
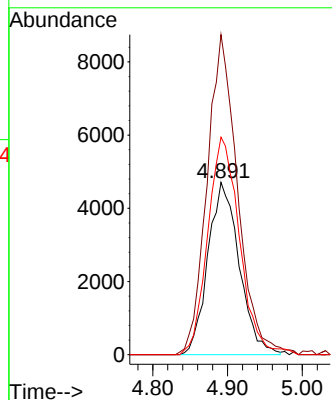
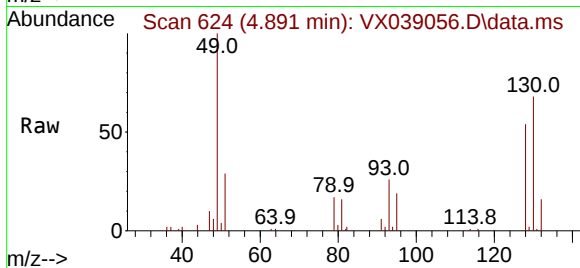




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

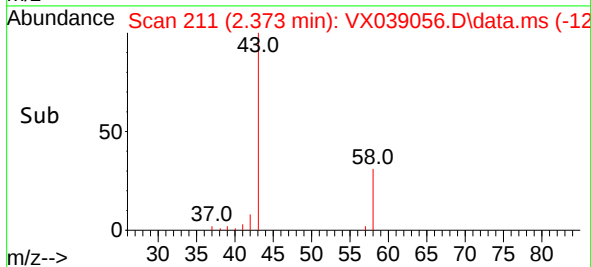
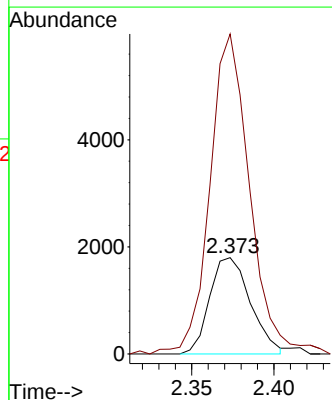
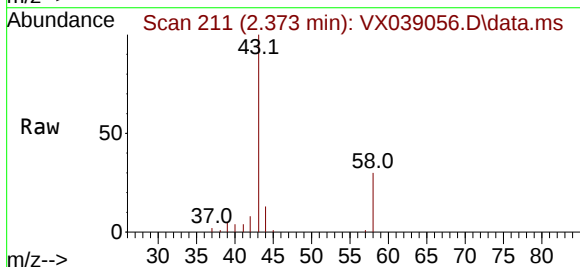
Instrument :
MSVOA_X
ClientSampleId :
IBLK

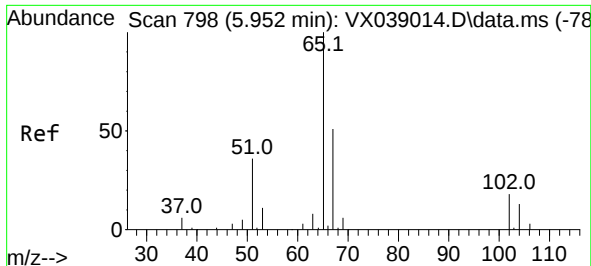
Tgt Ion:128 Resp: 13703
Ion Ratio Lower Upper
128 100
49 180.8 0.0 444.0
130 128.5 0.0 297.8



#15
Acetone
Concen: 6.012 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Tgt Ion: 58 Resp: 3107
Ion Ratio Lower Upper
58 100
43 325.2 249.9 374.9





#27

1,2-Dichloroethane-d4

Concen: 29.249 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039056.D

Acq: 29 Nov 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

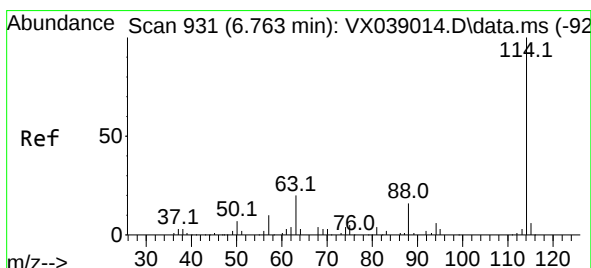
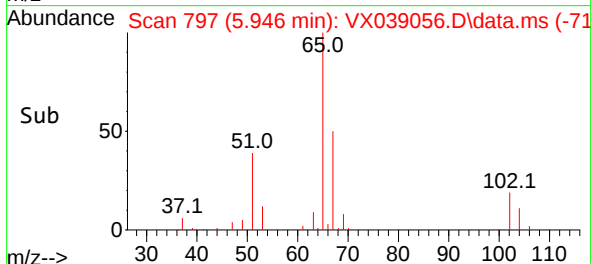
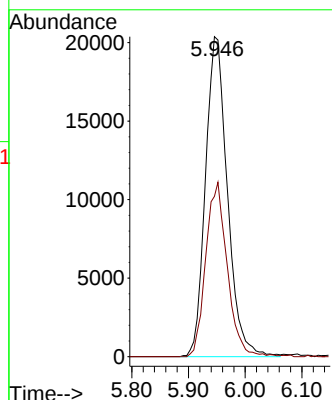
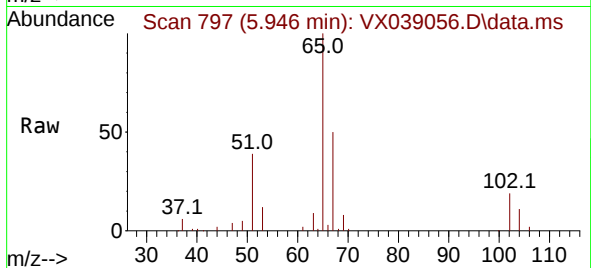
IBLK

Tgt Ion: 65 Resp: 54832

Ion Ratio Lower Upper

65 100

67 52.8 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX039056.D

Acq: 29 Nov 2023 15:25

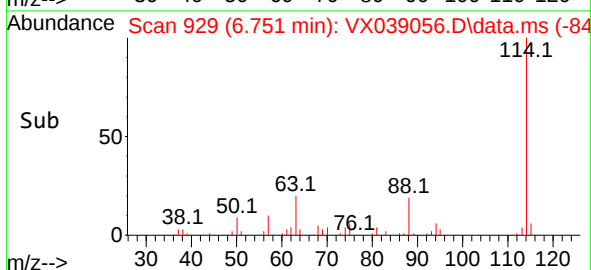
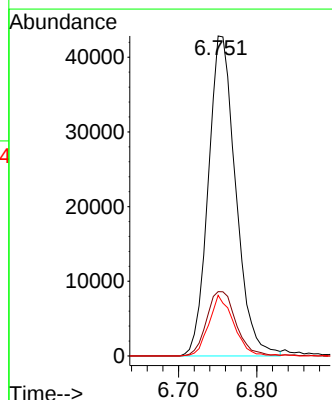
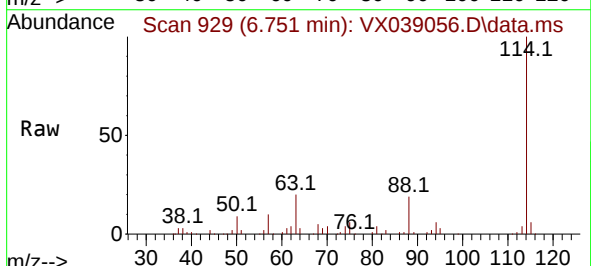
Tgt Ion: 114 Resp: 104525

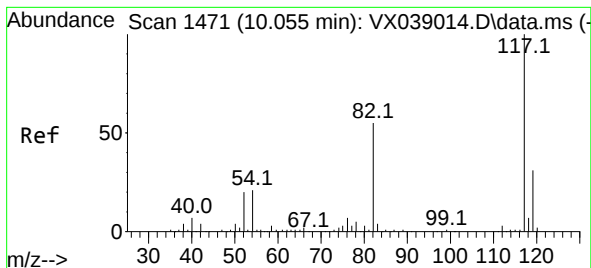
Ion Ratio Lower Upper

114 100

63 21.5 17.0 25.4

88 17.0 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039056.D

Acq: 29 Nov 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

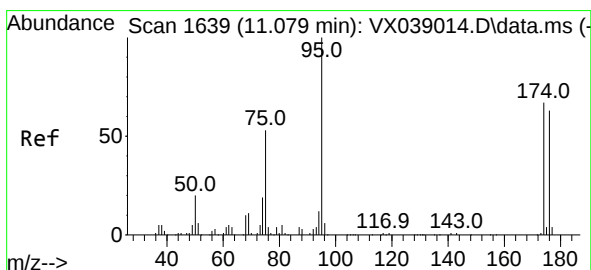
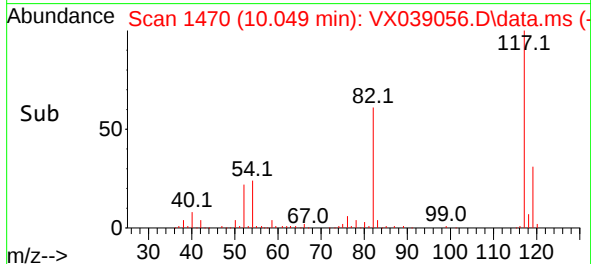
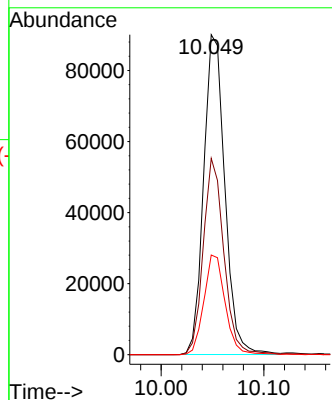
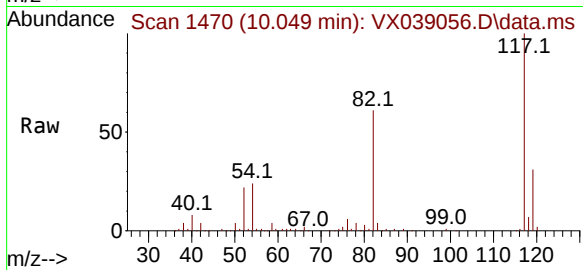
Tgt Ion:117 Resp: 129418

Ion Ratio Lower Upper

117 100

82 59.7 47.0 70.6

119 31.4 25.2 37.8



#60

4-Bromofluorobenzene

Concen: 29.029 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039056.D

Acq: 29 Nov 2023 15:25

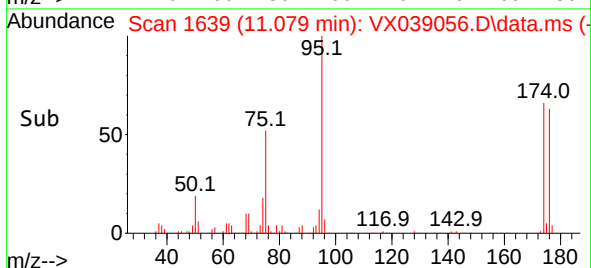
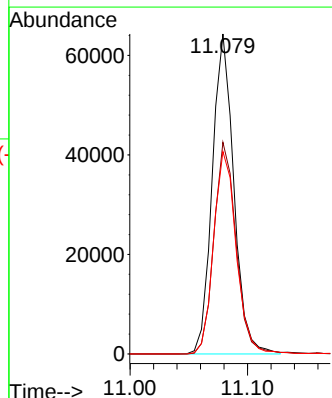
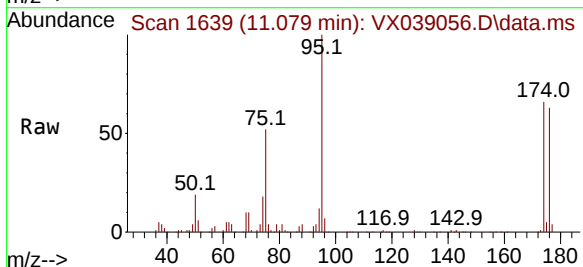
Tgt Ion: 95 Resp: 82057

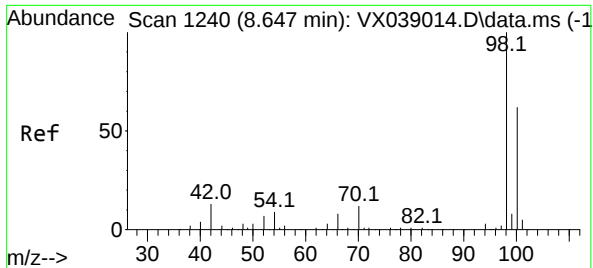
Ion Ratio Lower Upper

95 100

174 68.1 55.4 83.2

176 66.4 52.6 78.8





#63
Toluene-d8
Concen: 30.023 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039056.D
Acq: 29 Nov 2023 15:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 153618
Ion Ratio Lower Upper
98 100
100 65.7 51.0 76.4

