

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029979.D
 Acq On : 08 Jul 2022 17:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 09 02:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

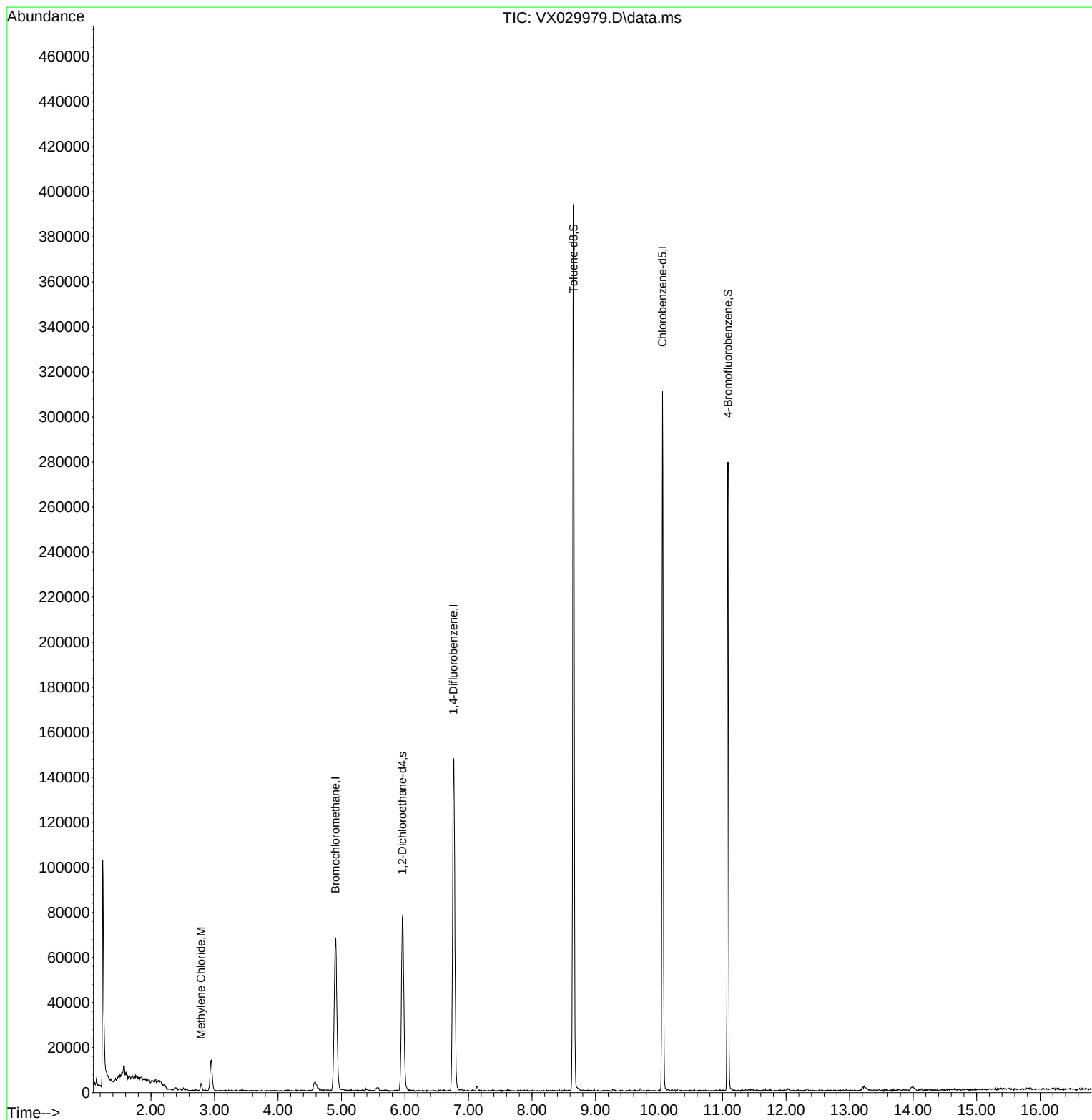
Internal Standards						
1) Bromochloromethane	4.904	128	30340	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	165791	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	145849	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	69678	28.164	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.867%
60) 4-Bromofluorobenzene	11.085	95	77153	28.070	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.567%
63) Toluene-d8	8.653	98	236112	29.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
18) Methylene Chloride	2.788	84	1389	0.558	ug/l #	82

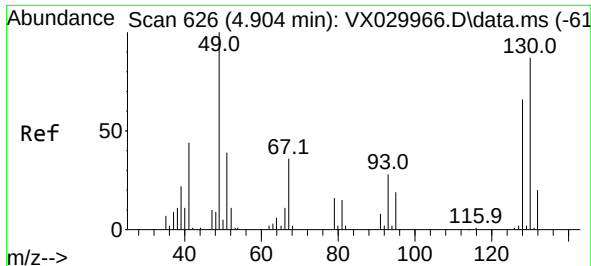
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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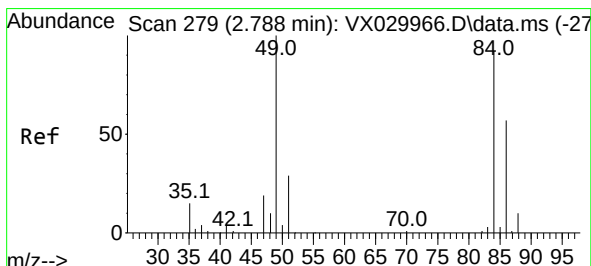
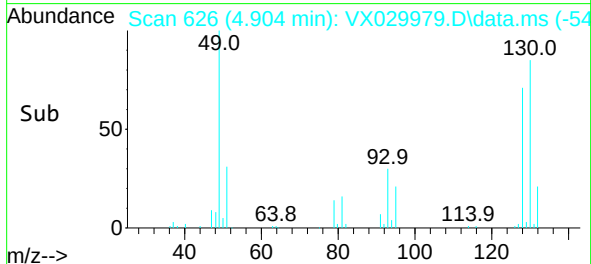
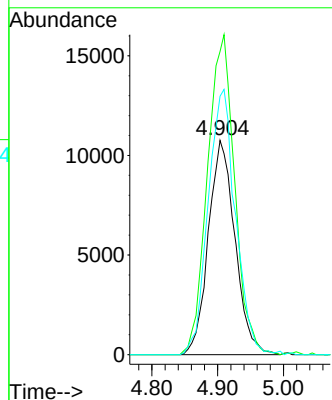
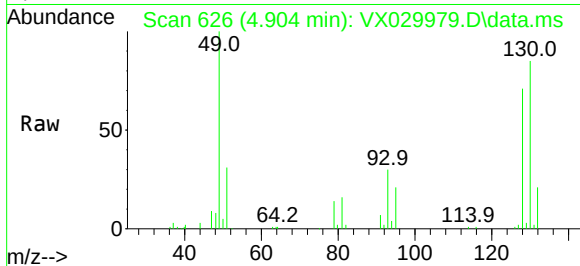




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX029979.D
Acq: 08 Jul 2022 17:39

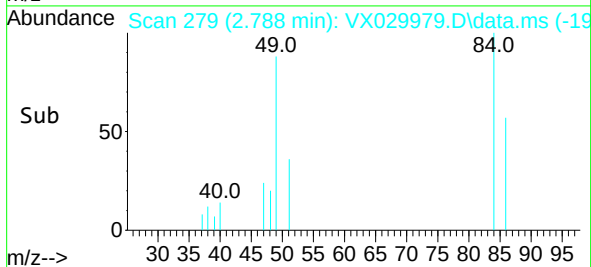
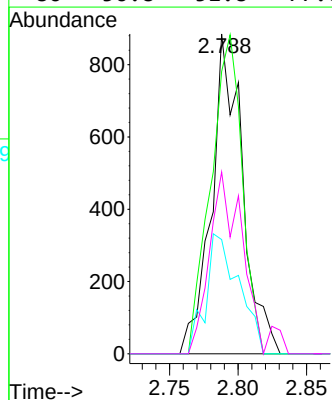
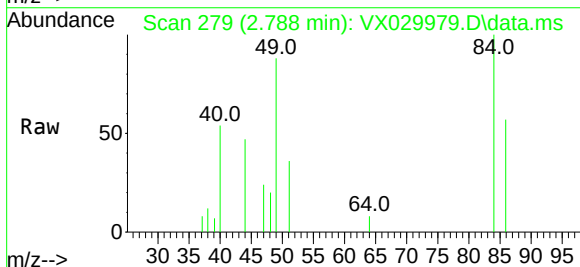
Instrument :
MSVOA_X
ClientSampleId :
IBLK

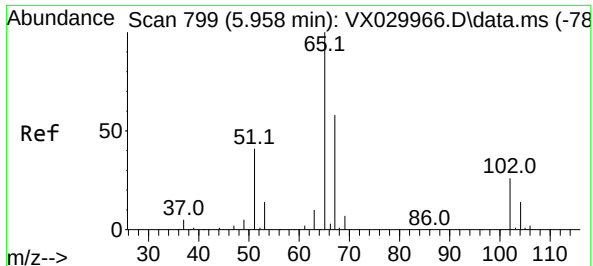
Tgt Ion:128 Resp: 30340
Ion Ratio Lower Upper
128 100
49 152.5 0.0 358.3
130 127.1 0.0 319.3



#18
Methylene Chloride
Concen: 0.558 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029979.D
Acq: 08 Jul 2022 17:39

Tgt Ion: 84 Resp: 1389
Ion Ratio Lower Upper
84 100
49 88.2 94.2 141.2#
51 35.7 29.2 43.8
86 56.8 51.8 77.6





#27

1,2-Dichloroethane-d4

Concen: 28.164 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029979.D

Acq: 08 Jul 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

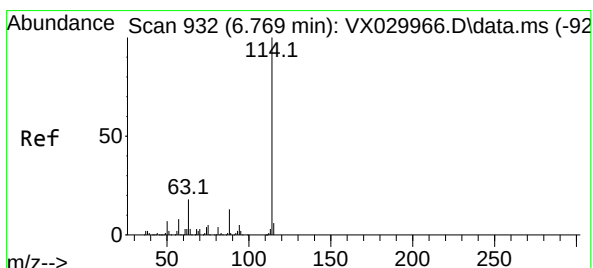
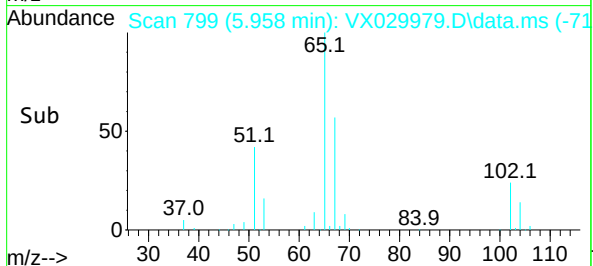
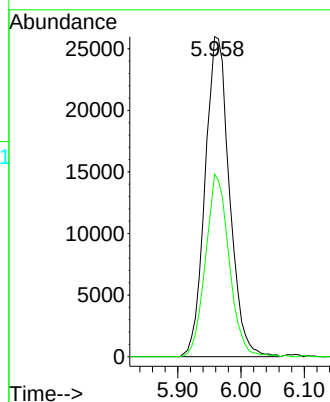
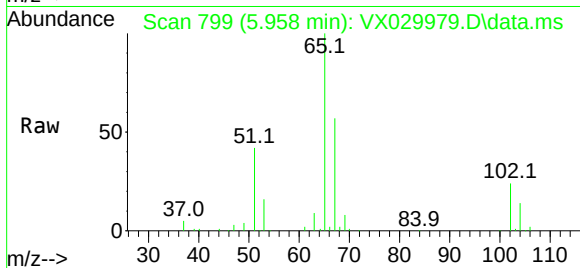
IBLK

Tgt Ion: 65 Resp: 69678

Ion Ratio Lower Upper

65 100

67 55.0 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029979.D

Acq: 08 Jul 2022 17:39

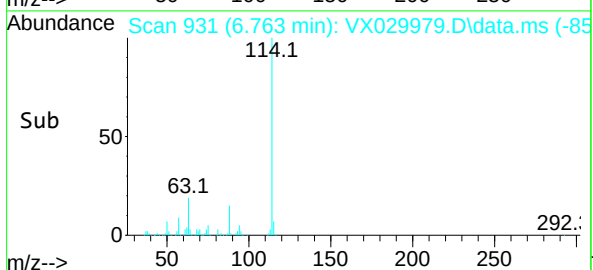
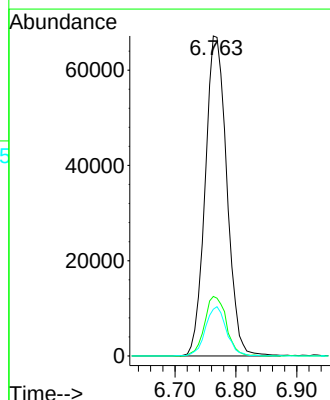
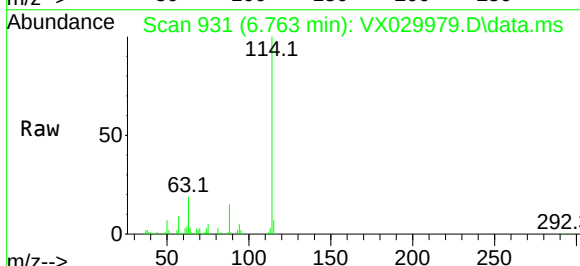
Tgt Ion: 114 Resp: 165791

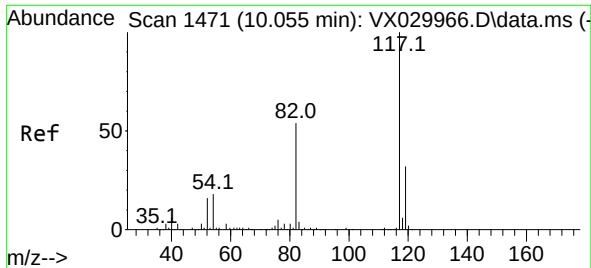
Ion Ratio Lower Upper

114 100

63 18.6 15.3 22.9

88 14.8 12.2 18.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029979.D

Acq: 08 Jul 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

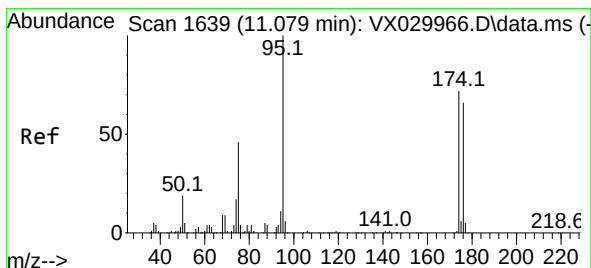
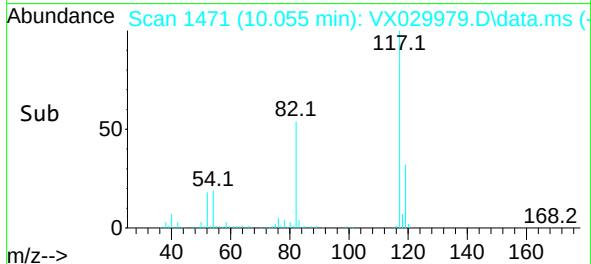
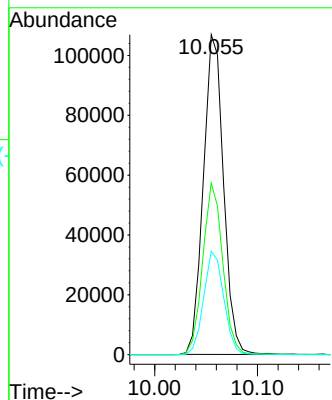
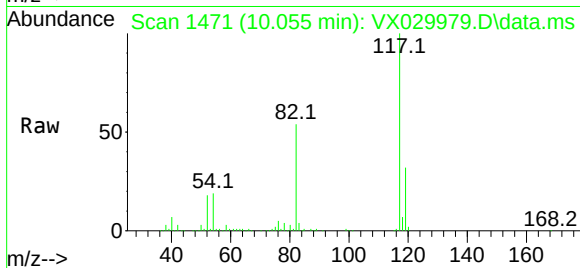
Tgt Ion:117 Resp: 145849

Ion Ratio Lower Upper

117 100

82 53.2 42.3 63.5

119 32.2 26.2 39.2



#60

4-Bromofluorobenzene

Concen: 28.070 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX029979.D

Acq: 08 Jul 2022 17:39

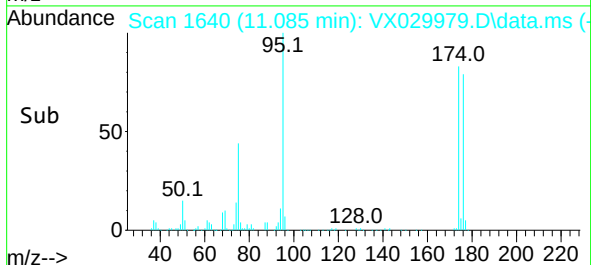
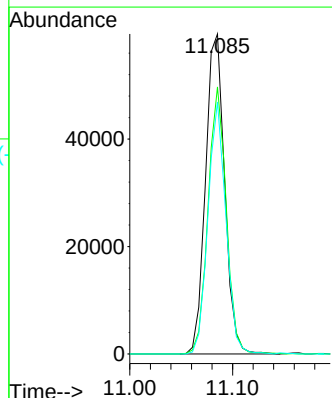
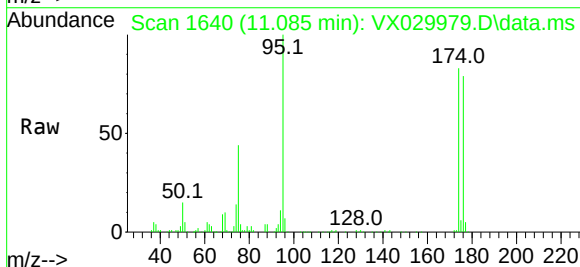
Tgt Ion: 95 Resp: 77153

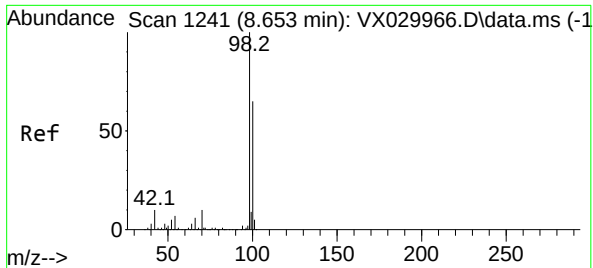
Ion Ratio Lower Upper

95 100

174 79.2 65.4 98.2

176 73.6 63.4 95.0





#63
Toluene-d8
Concen: 29.855 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029979.D
Acq: 08 Jul 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 236112
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2

