

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036701.D
 Acq On : 28 Jul 2023 12:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 28 16:17:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

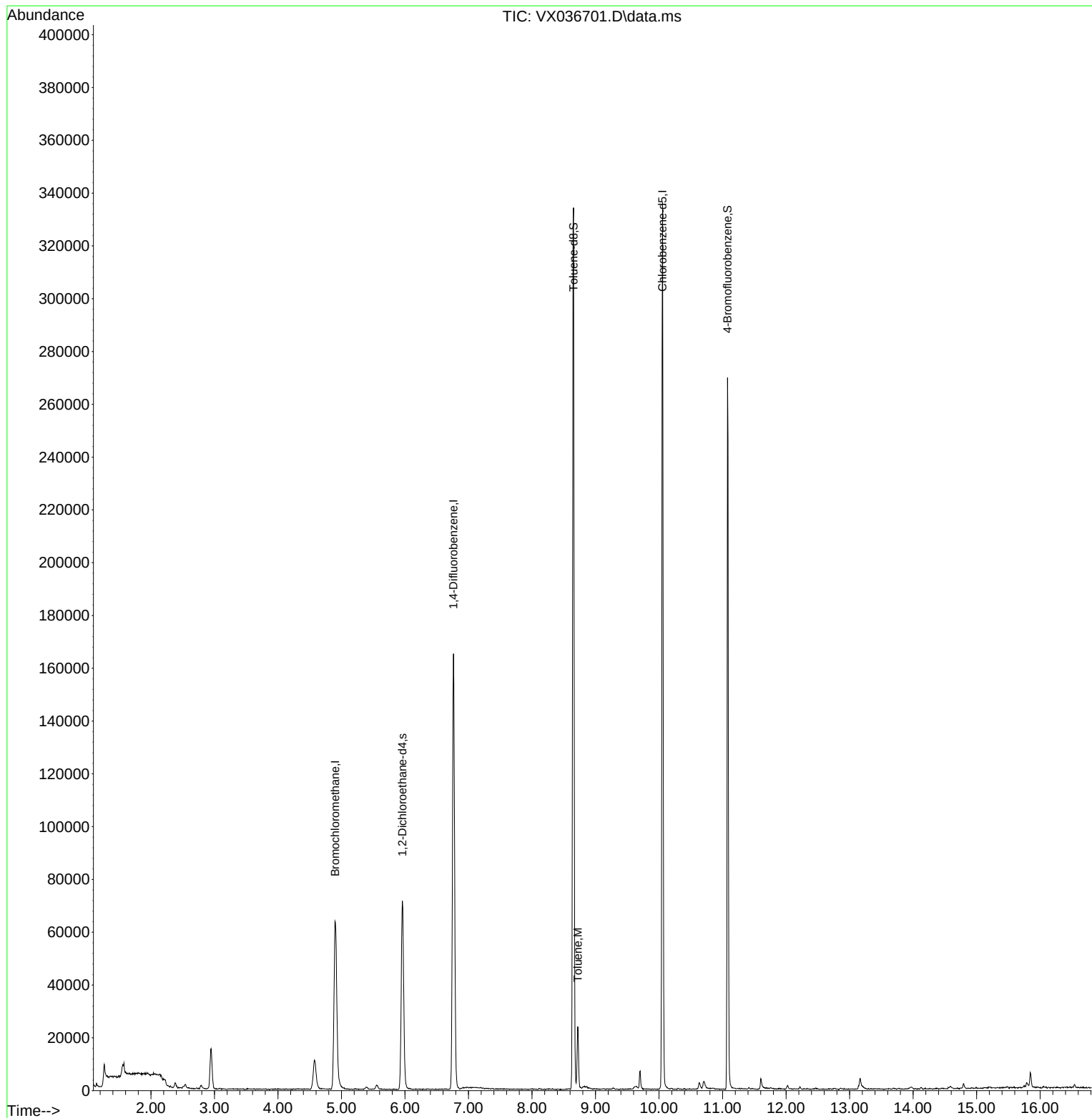
Internal Standards						
1) Bromochloromethane	4.897	128	28739	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	167370	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147875	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	68356	28.658	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.533%
60) 4-Bromofluorobenzene	11.079	95	71787	29.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.767%
63) Toluene-d8	8.653	98	202958	29.826	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%
Target Compounds						
62) Toluene	8.720	91	15298	1.844	ug/l	Qvalue 95

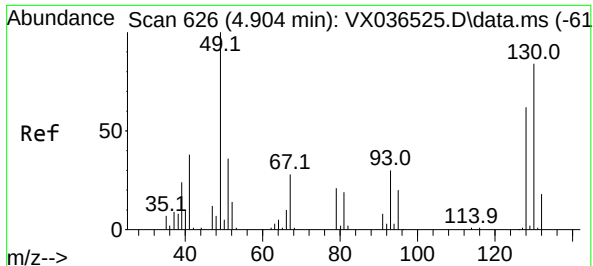
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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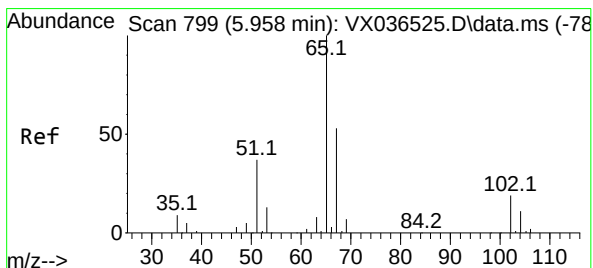
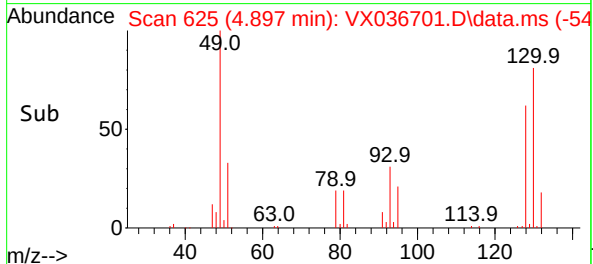
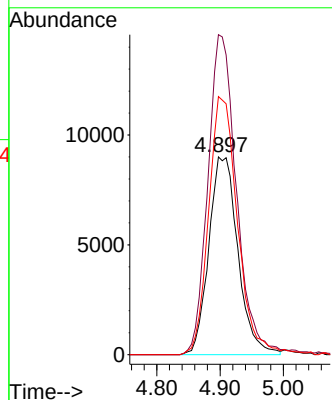
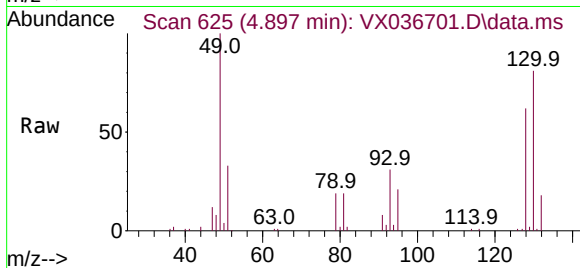




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

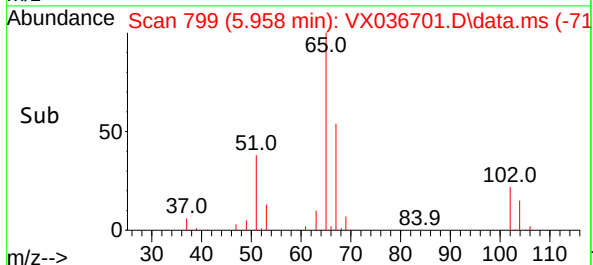
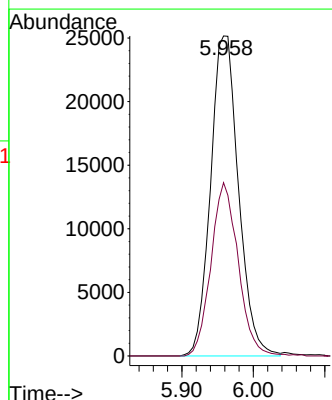
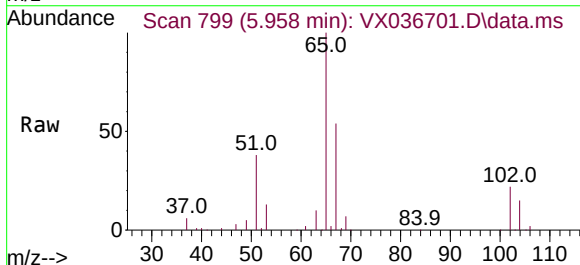
Instrument :
MSVOA_X
ClientSampleId :
IBLK

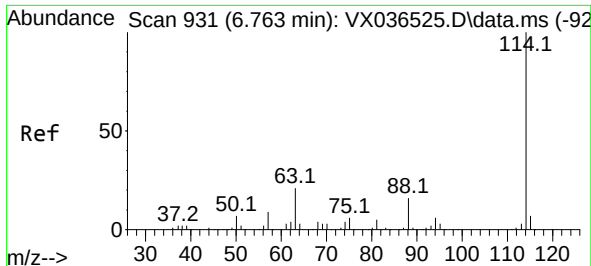
Tgt Ion:128 Resp: 28739
Ion Ratio Lower Upper
128 100
49 157.5 0.0 406.3
130 129.1 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 28.658 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

Tgt Ion: 65 Resp: 68356
Ion Ratio Lower Upper
65 100
67 52.5 42.1 63.1

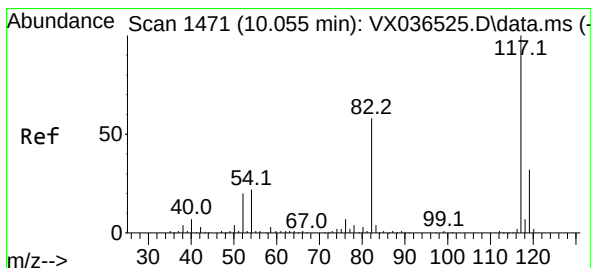
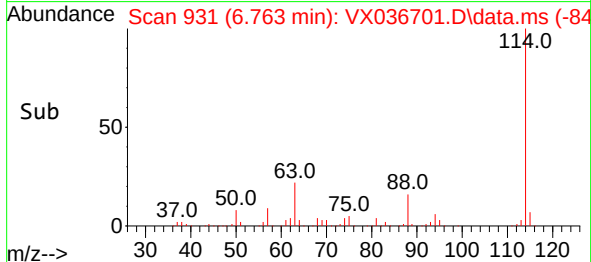
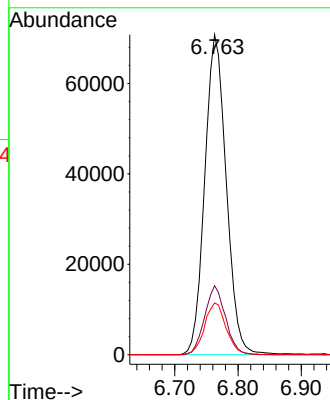
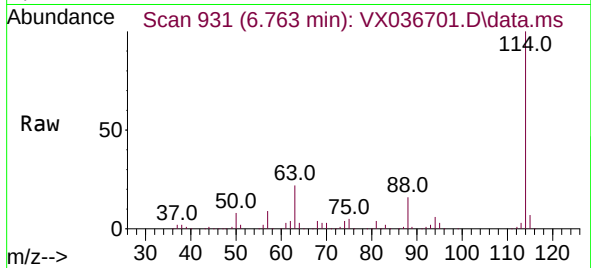




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

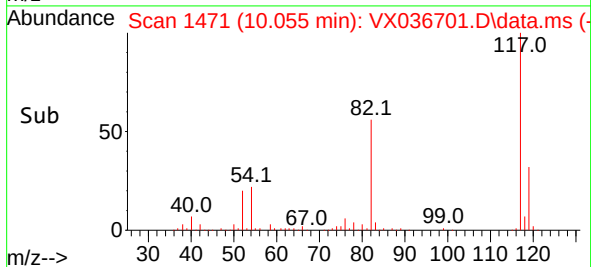
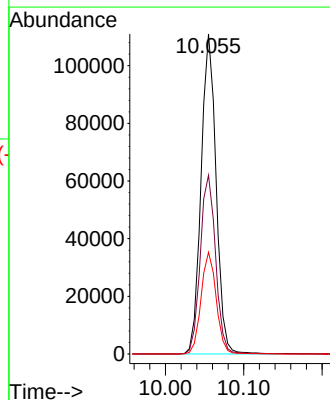
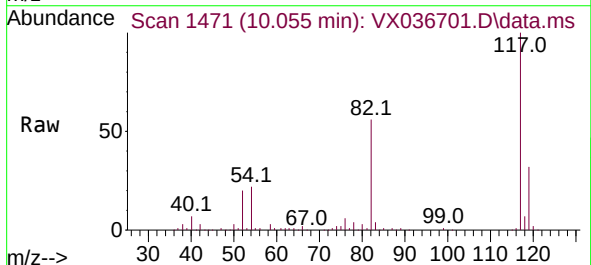
Instrument :
MSVOA_X
ClientSampleId :
IBLK

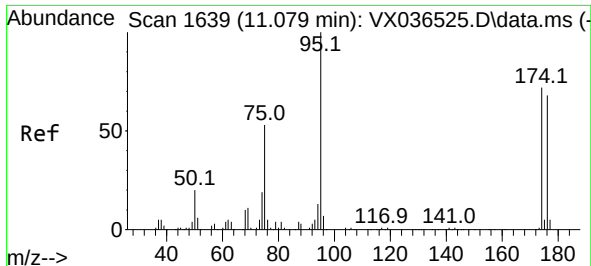
Tgt Ion:114 Resp: 167370
Ion Ratio Lower Upper
114 100
63 20.9 16.6 24.8
88 16.2 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

Tgt Ion:117 Resp: 147875
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.1 25.6 38.4

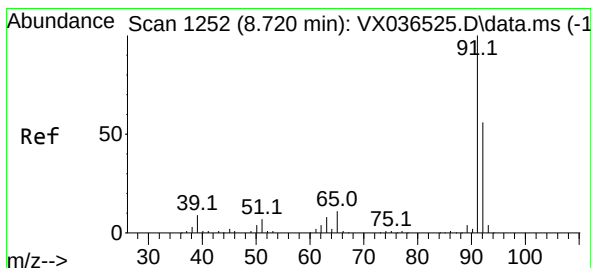
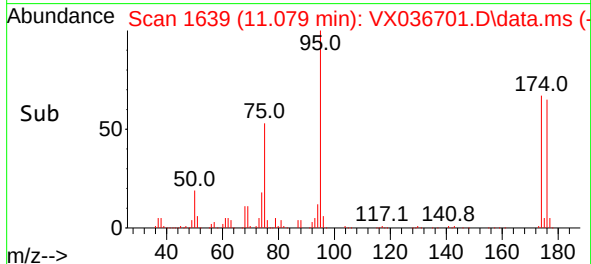
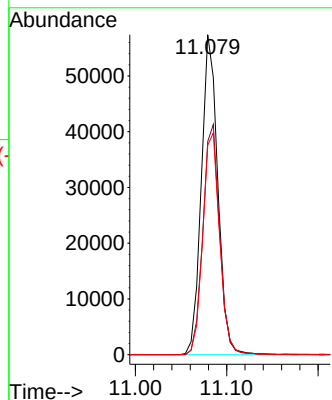
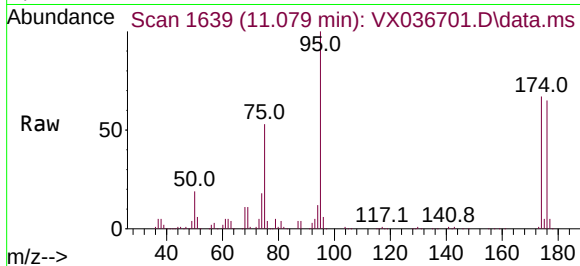




#60
4-Bromofluorobenzene
Concen: 29.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

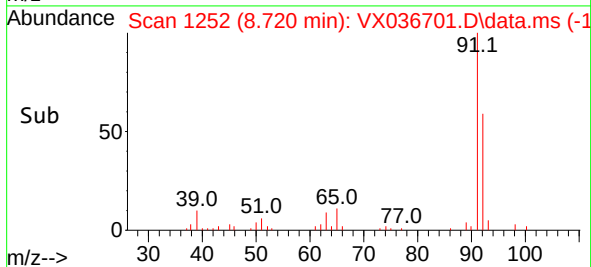
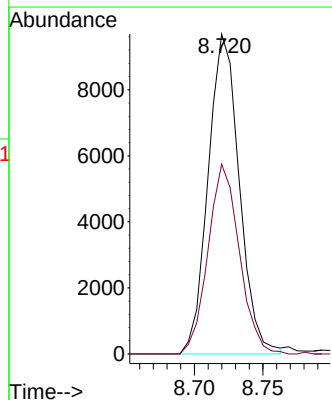
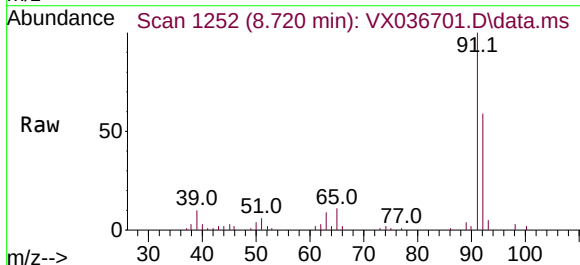
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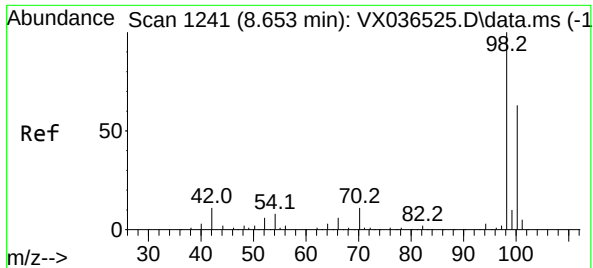
Tgt Ion: 95 Resp: 71787
Ion Ratio Lower Upper
95 100
174 72.7 60.5 90.7
176 70.8 58.2 87.4



#62
Toluene
Concen: 1.844 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

Tgt Ion: 91 Resp: 15298
Ion Ratio Lower Upper
91 100
92 59.7 44.9 67.3





#63
Toluene-d8
Concen: 29.826 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036701.D
Acq: 28 Jul 2023 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 202958
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4

