

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039750.D
 Acq On : 21 Oct 2022 19:17
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 22 04:25:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

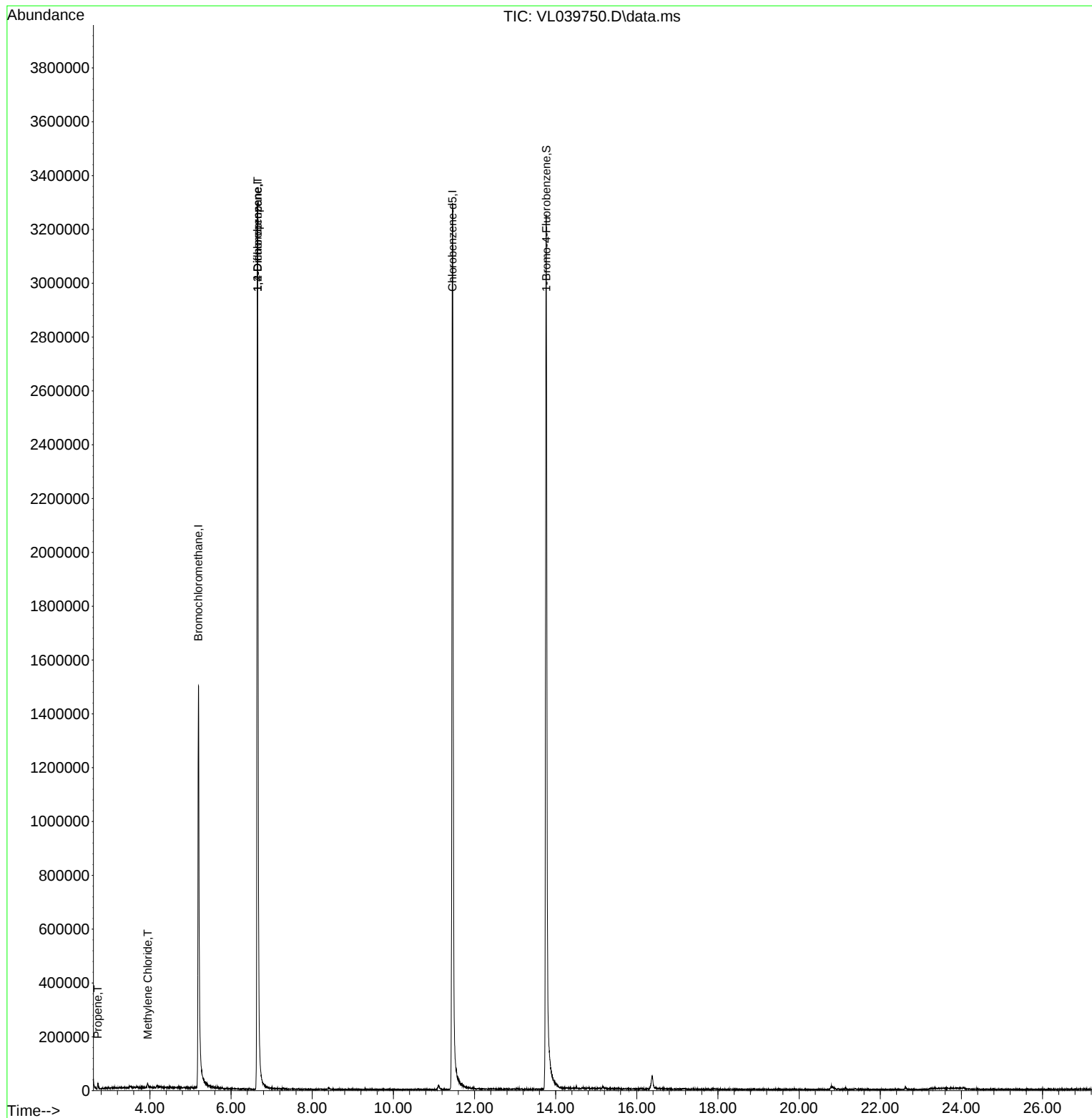
Internal Standards						
1) Bromochloromethane	5.195	49	870742	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2657503	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2303269	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1604935	9.816	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.716	41	5869	0.116	ppbv	88
20) Methylene Chloride	3.948	84	4912	0.116	ppbv #	62
39) 1,2-Dichloropropane	6.652	63	640079	8.320	ppbv #	24

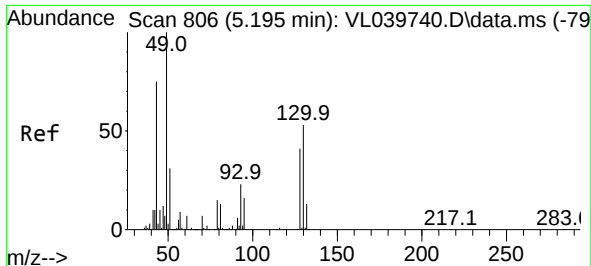
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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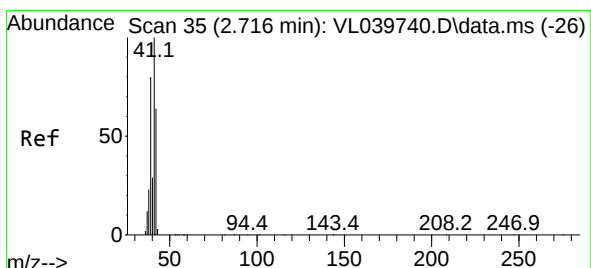
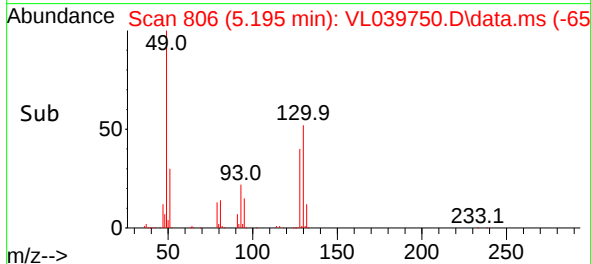
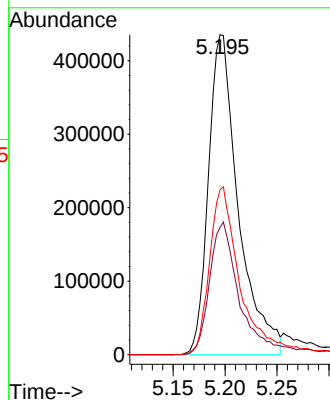
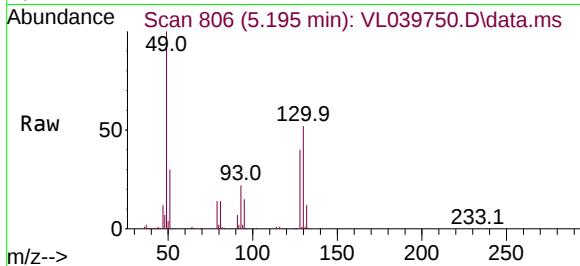




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL039750.D
Acq: 21 Oct 2022 19:17

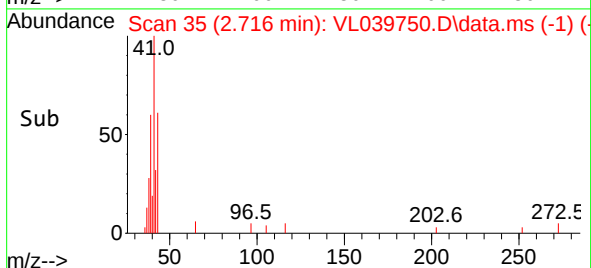
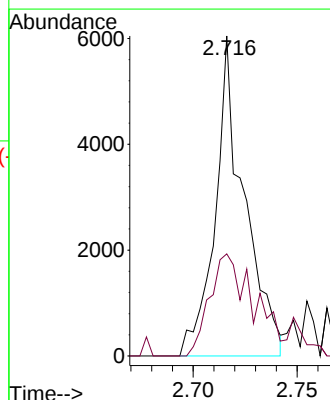
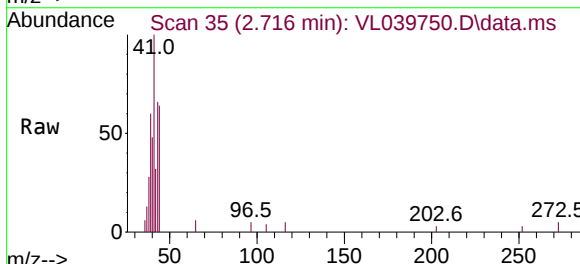
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

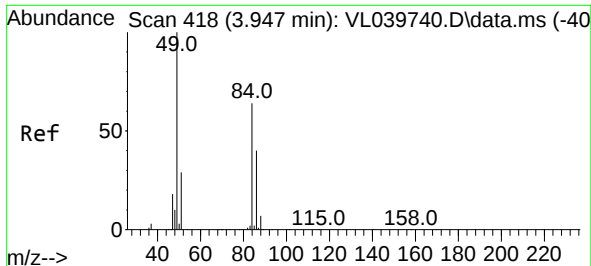
Tgt Ion: 49 Resp: 870742
Ion Ratio Lower Upper
49 100
128 44.8 22.6 67.8
130 55.6 29.0 87.0



#9
Propene
Concen: 0.116 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL039750.D
Acq: 21 Oct 2022 19:17

Tgt Ion: 41 Resp: 5869
Ion Ratio Lower Upper
41 100
42 58.7 54.4 81.6

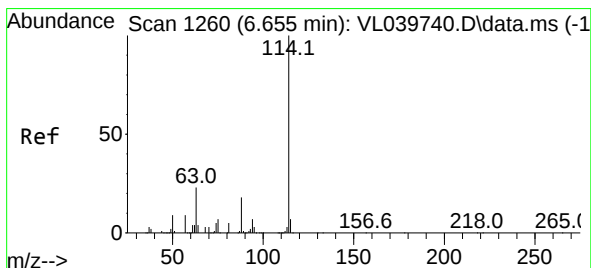
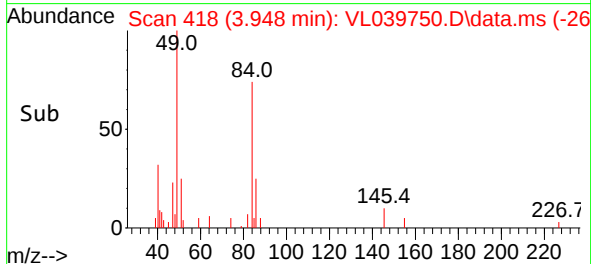
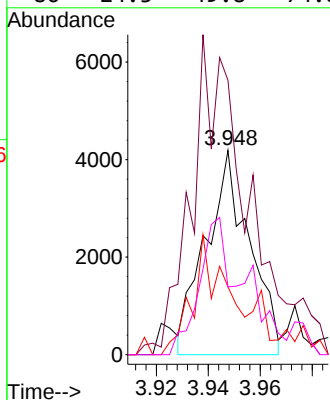
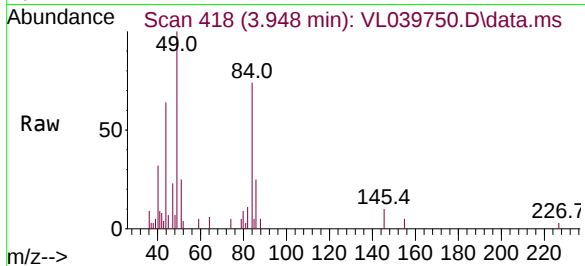




#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 3.948 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039750.D
Acq: 21 Oct 2022 19:17

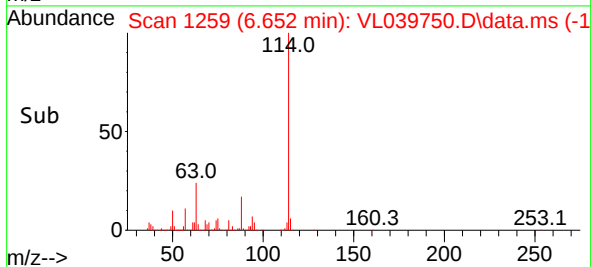
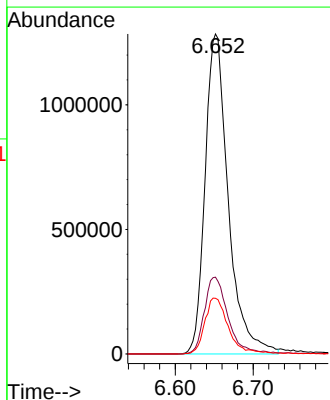
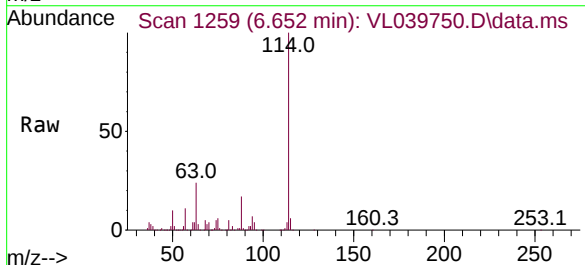
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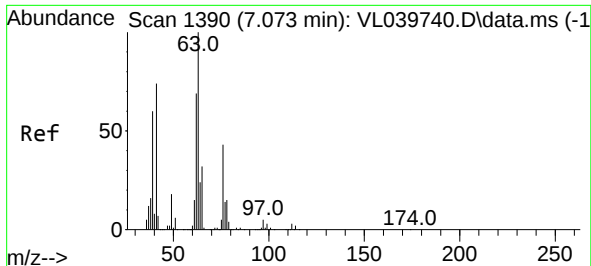
Tgt Ion: 84 Resp: 4912
Ion Ratio Lower Upper
84 100
49 107.5 124.2 186.4#
51 28.0 36.6 54.8#
86 24.3 49.8 74.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL039750.D
Acq: 21 Oct 2022 19:17

Tgt Ion: 114 Resp: 2657503
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 18.0 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.320 ppbv

RT: 6.652 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL039750.D

Acq: 21 Oct 2022 19:17

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

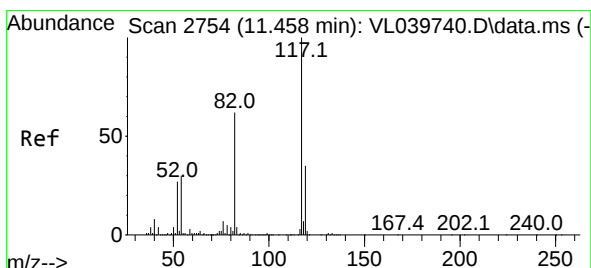
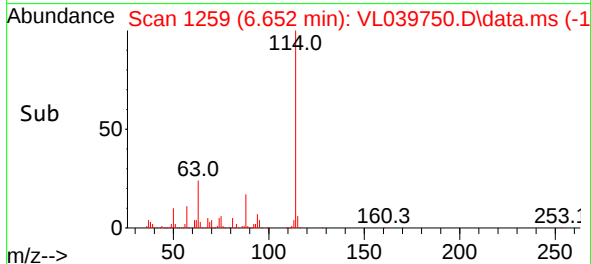
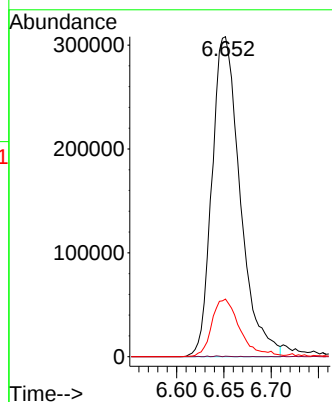
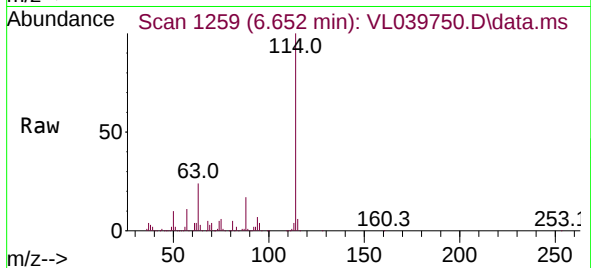
Tgt Ion: 63 Resp: 640079

Ion Ratio Lower Upper

63 100

41 0.2 59.5 89.3#

62 18.0 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.459 min Scan# 2754

Delta R.T. 0.000 min

Lab File: VL039750.D

Acq: 21 Oct 2022 19:17

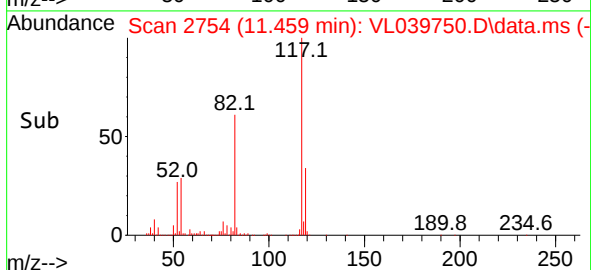
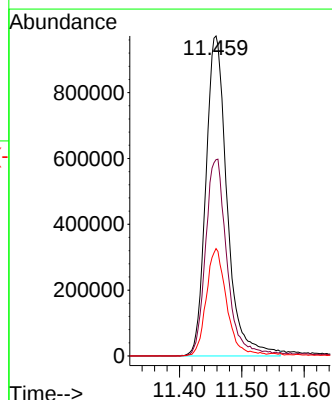
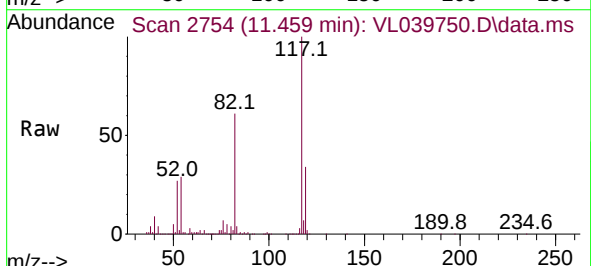
Tgt Ion: 117 Resp: 2303269

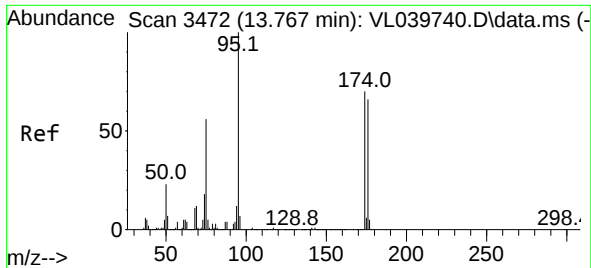
Ion Ratio Lower Upper

117 100

82 63.8 51.4 77.0

119 33.4 24.6 36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.816 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039750.D
 Acq: 21 Oct 2022 19:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1604935

Ion	Ratio	Lower	Upper
95	100		
174	73.6	56.5	84.7
175	5.1	4.2	6.4

