

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039958.D
 Acq On : 2 Dec 2022 1:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 02 05:37:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

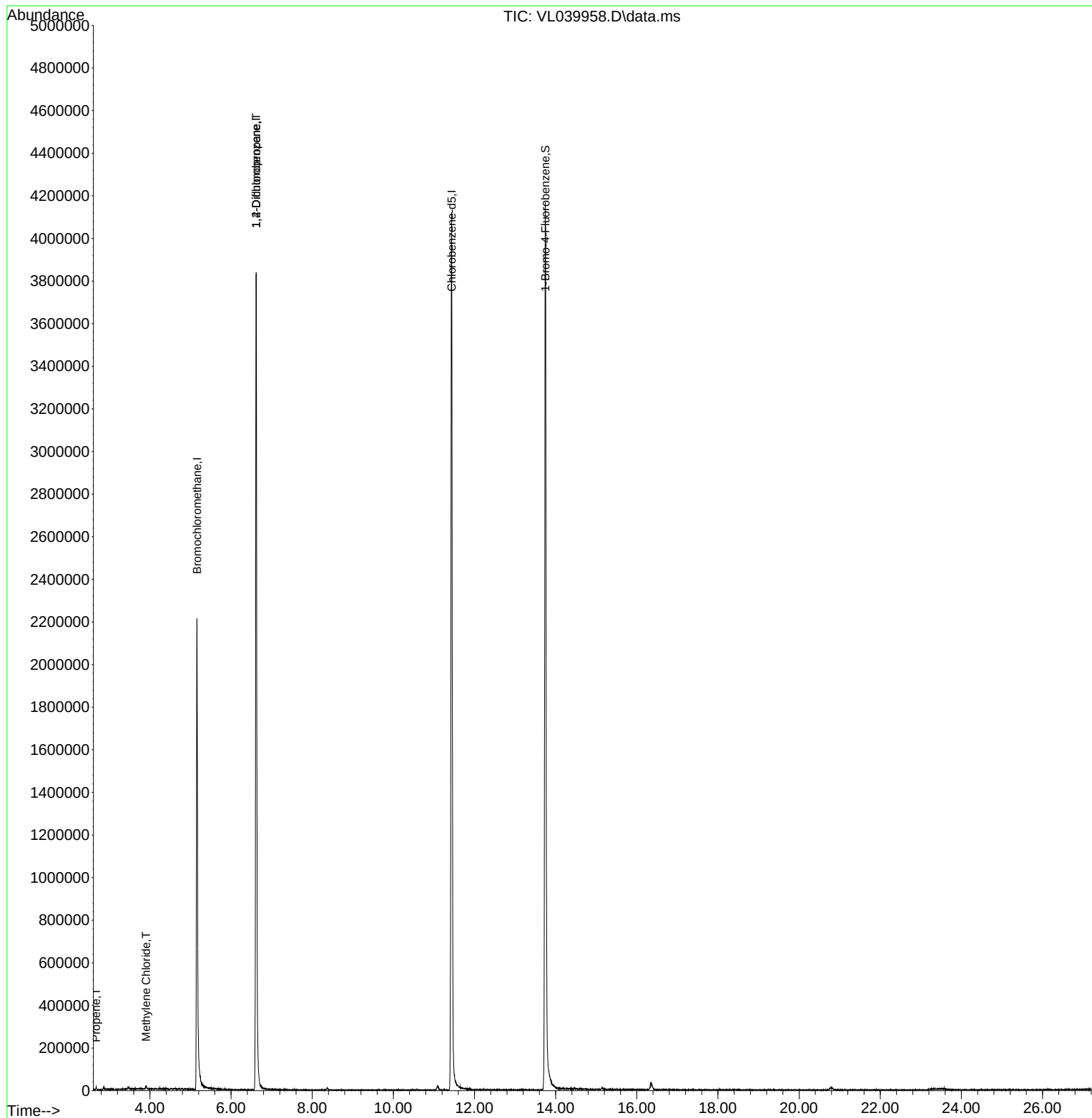
Internal Standards						
1) Bromochloromethane	5.160	49	1055605	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.619	114	3025995	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.436	117	2694505	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2155017	10.471	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.700%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	3238	0.047	ppbv	90
20) Methylene Chloride	3.906	84	3733	0.055	ppbv #	49
39) 1,2-Dichloropropane	6.619	63	735797	7.343	ppbv #	26

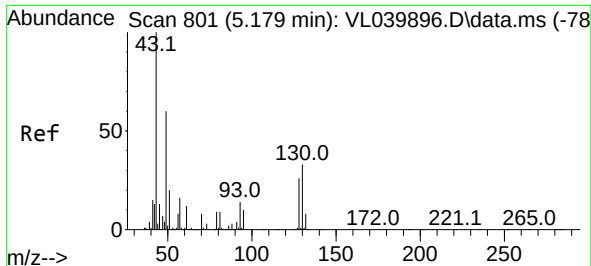
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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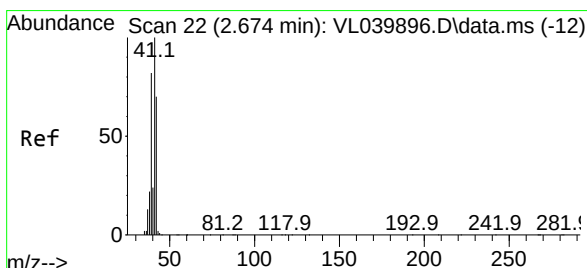
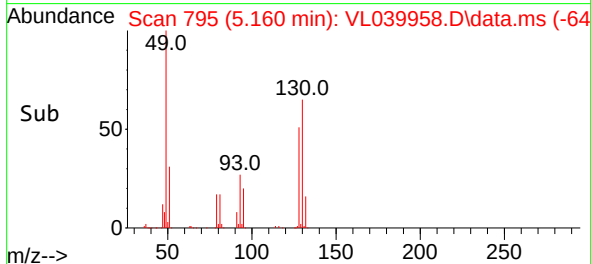
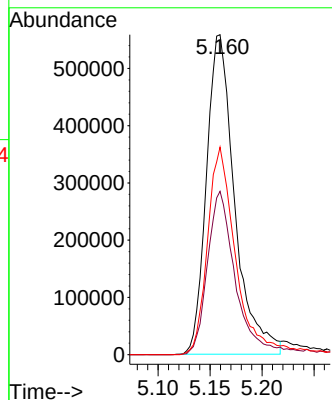
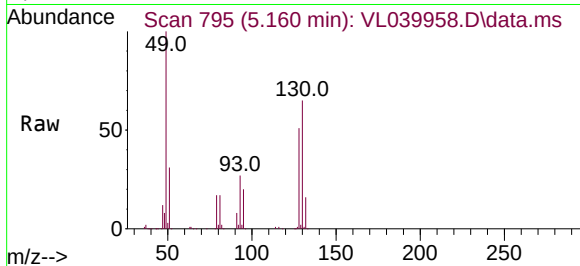




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 79
Delta R.T. -0.013 min
Lab File: VL039958.D
Acq: 2 Dec 2022 1:26

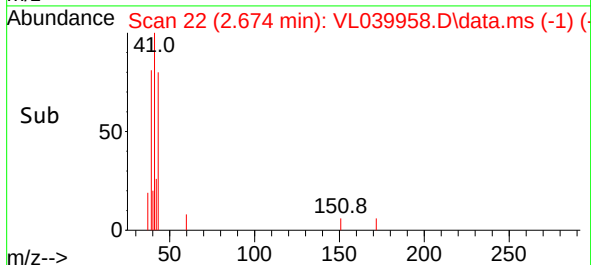
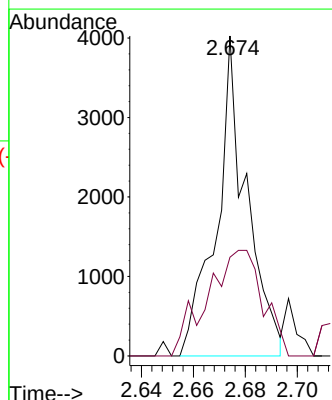
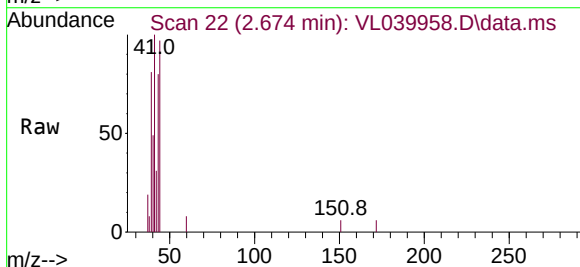
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

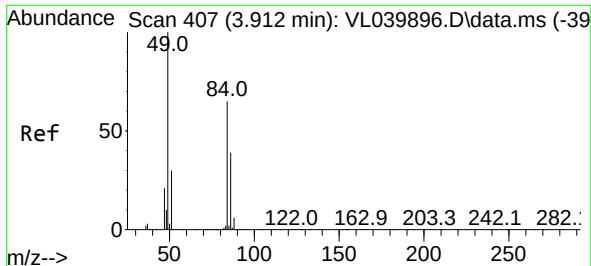
Tgt Ion: 49 Resp: 1055605
Ion Ratio Lower Upper
49 100
128 53.4 22.1 66.3
130 66.2 27.7 83.1



#9
Propene
Concen: 0.047 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.003 min
Lab File: VL039958.D
Acq: 2 Dec 2022 1:26

Tgt Ion: 41 Resp: 3238
Ion Ratio Lower Upper
41 100
42 61.3 55.8 83.6



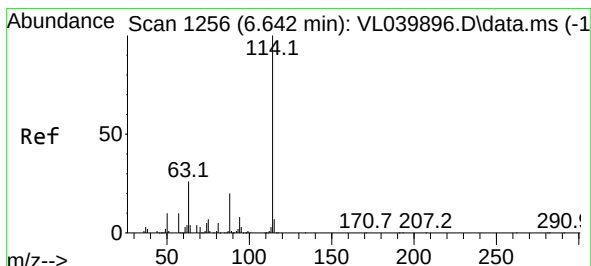
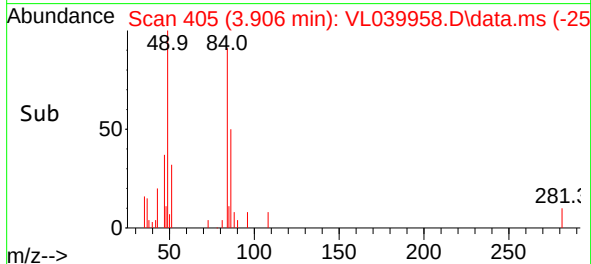
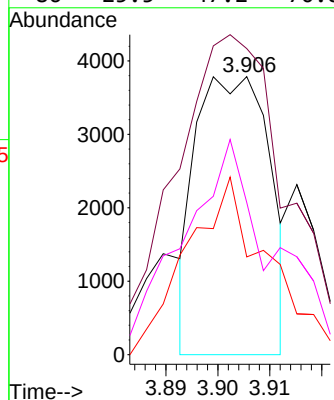
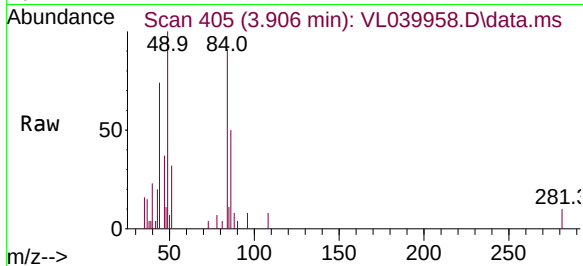


#20
Methylene Chloride
Concen: 0.055 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.007 min
Lab File: VL039958.D
Acq: 2 Dec 2022 1:26

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 3733

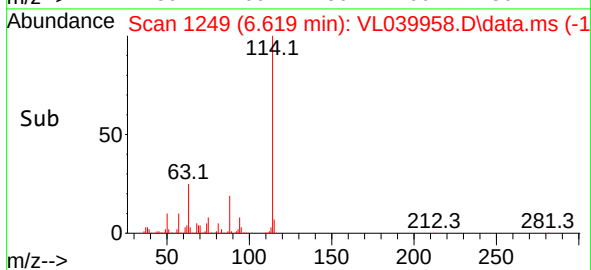
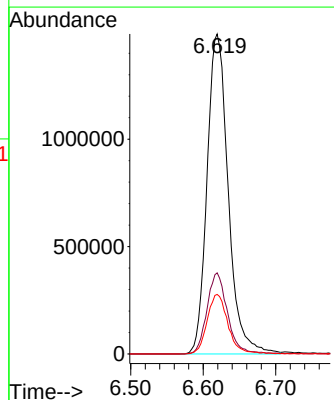
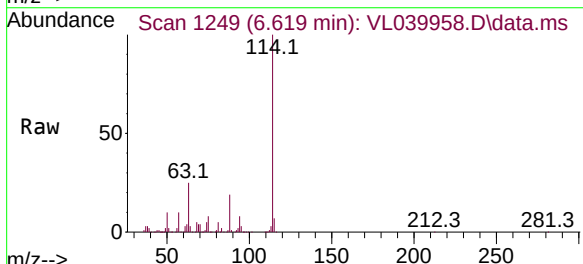
Ion	Ratio	Lower	Upper
84	100		
49	87.7	122.2	183.4#
51	4.2	36.3	54.5#
86	25.5	47.2	70.8#

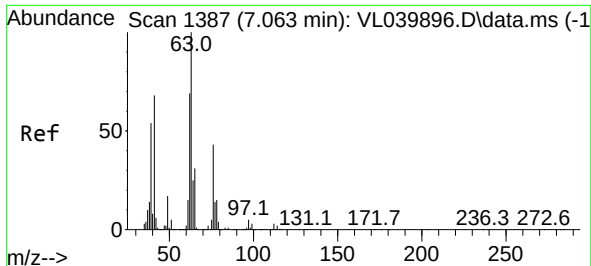


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. -0.016 min
Lab File: VL039958.D
Acq: 2 Dec 2022 1:26

Tgt Ion: 114 Resp: 3025995

Ion	Ratio	Lower	Upper
114	100		
63	24.8	21.4	32.0
88	18.4	15.3	22.9





#39

1,2-Dichloropropane

Concen: 7.343 ppbv

RT: 6.619 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL039958.D

Acq: 2 Dec 2022 1:26

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

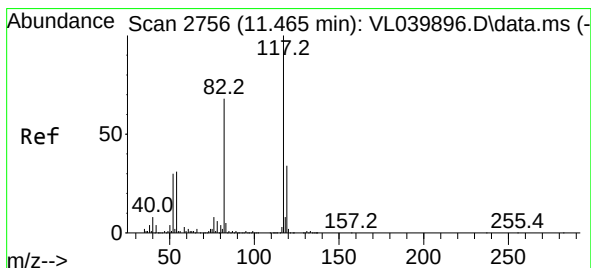
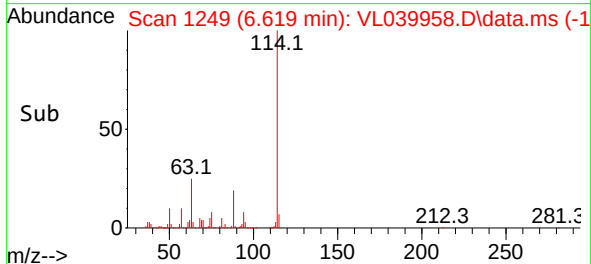
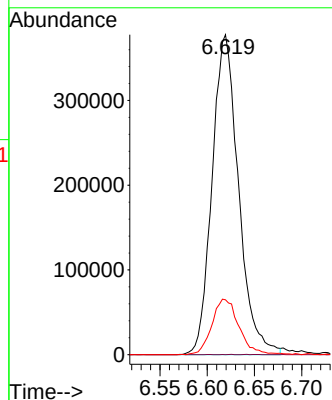
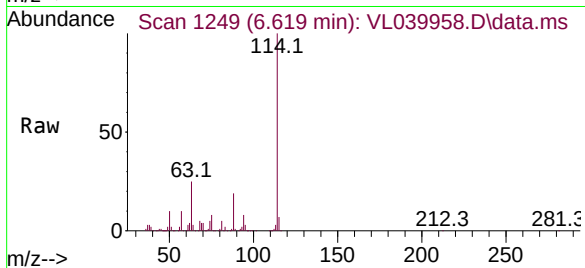
Tgt Ion: 63 Resp: 735797

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 17.1 55.0 82.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.436 min Scan# 2747

Delta R.T. -0.016 min

Lab File: VL039958.D

Acq: 2 Dec 2022 1:26

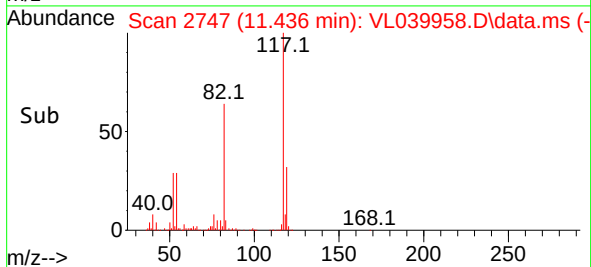
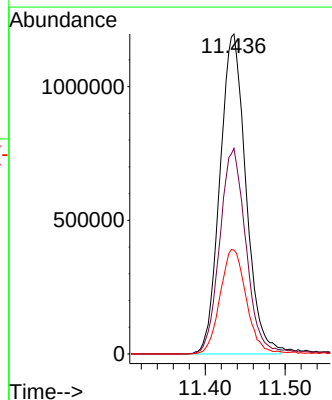
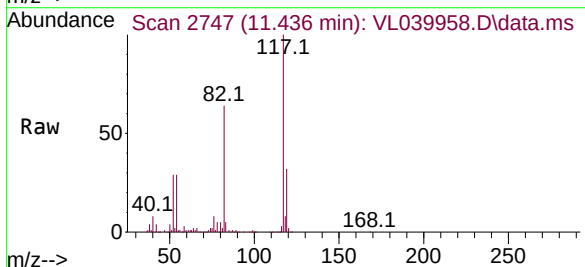
Tgt Ion: 117 Resp: 2694505

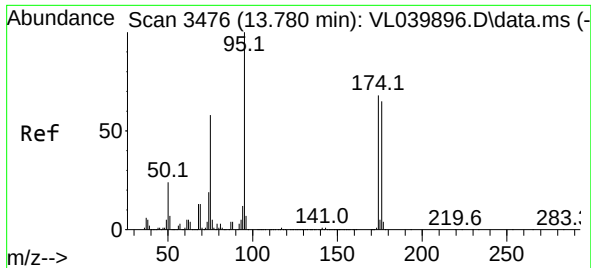
Ion Ratio Lower Upper

117 100

82 66.2 52.3 78.5

119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.471 ppbv
 RT: 13.744 min Scan# 34
 Delta R.T. -0.019 min
 Lab File: VL039958.D
 Acq: 2 Dec 2022 1:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 2155017

Ion	Ratio	Lower	Upper
95	100		
174	63.4	53.7	80.5
175	4.3	4.0	6.0

