

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041175.D
 Acq On : 25 Apr 2024 17:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 26 03:15:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

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

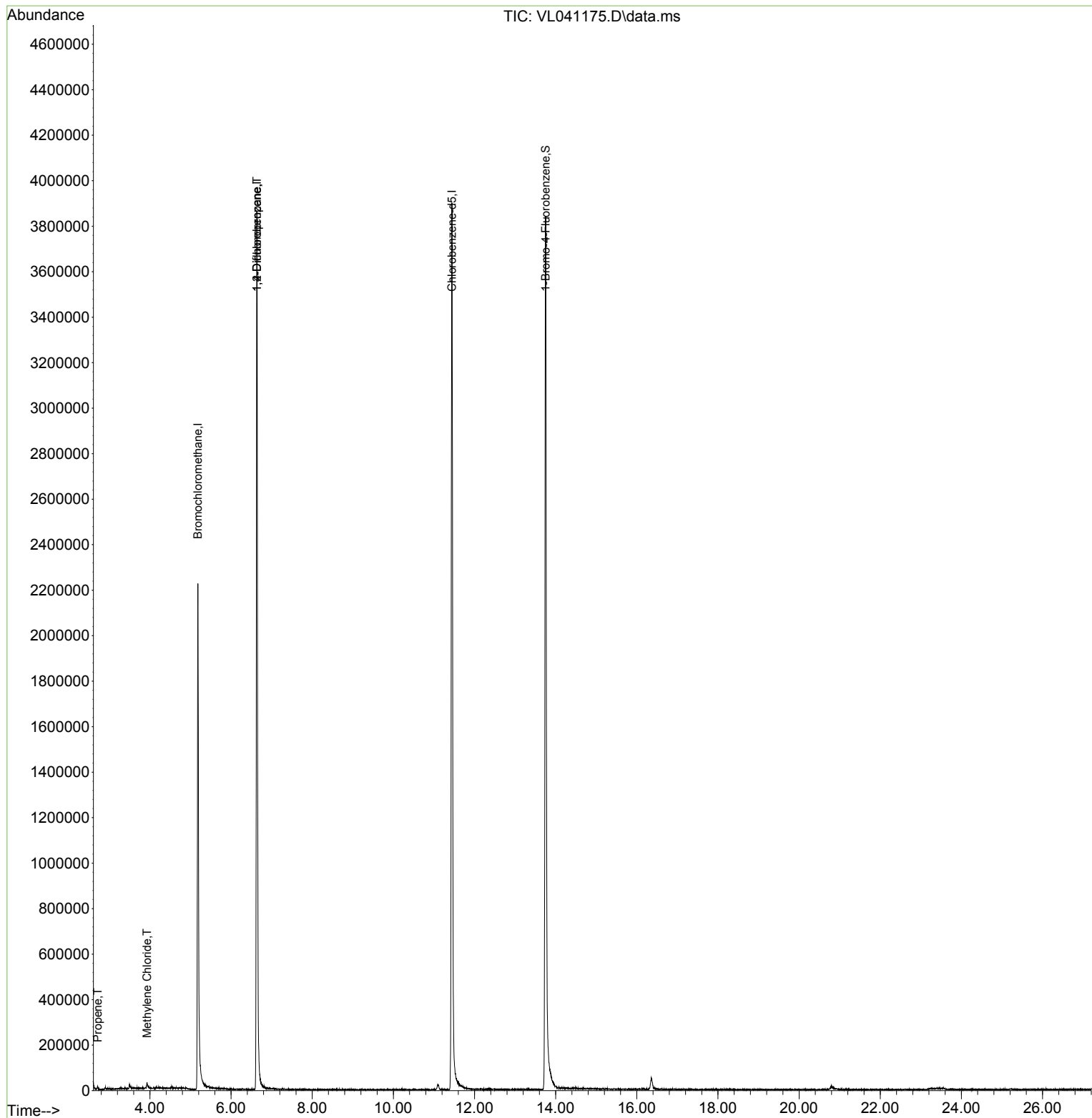
Internal Standards						
1) Bromochloromethane	5.182	49	1169318	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2958508	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2551831	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2049483	9.988	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
9) Propene	2.713	41	3059	0.053	ppbv	93
20) Methylene Chloride	3.931	84	8392	0.161	ppbv #	78
39) 1,2-Dichloropropane	6.635	63	719554	8.400	ppbv #	25

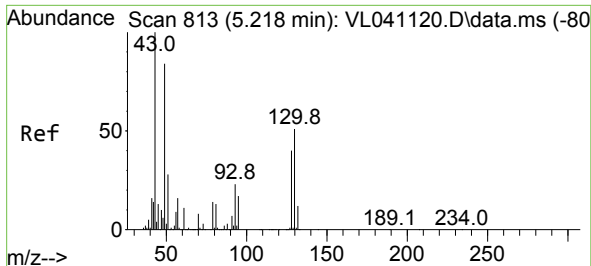
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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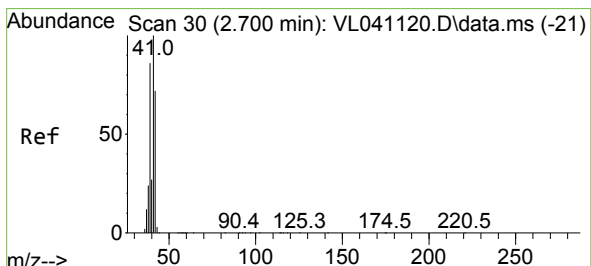
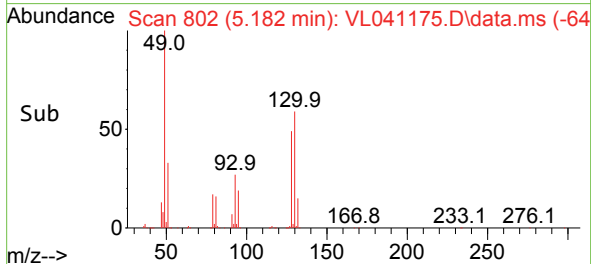
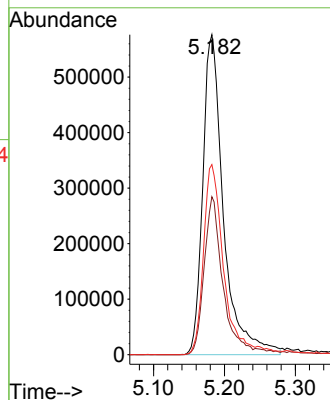
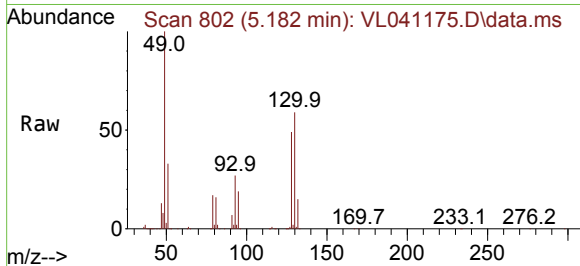




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041175.D
Acq: 25 Apr 2024 17:54

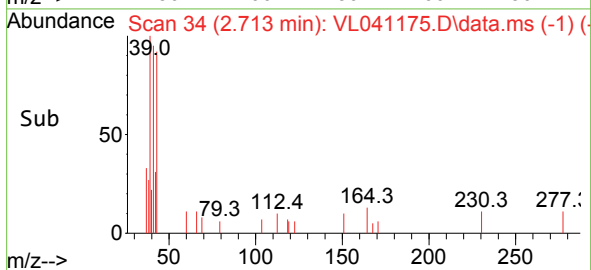
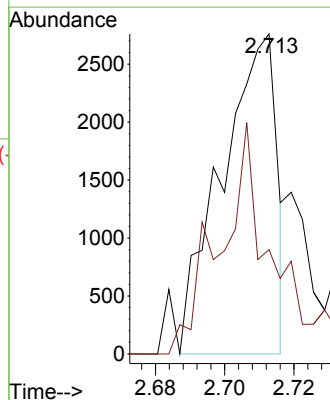
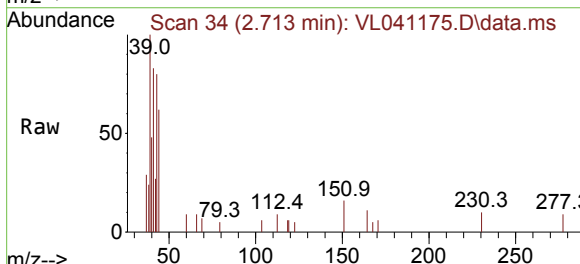
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

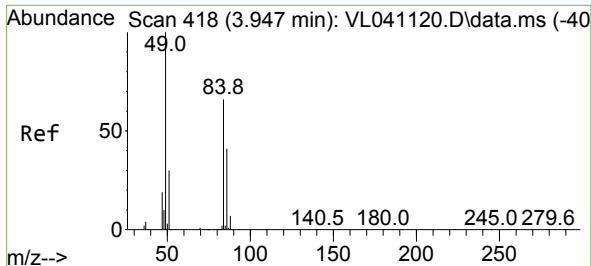
Tgt Ion: 49 Resp: 1169318
Ion Ratio Lower Upper
49 100
128 47.4 23.6 71.0
130 59.9 30.1 90.5



#9
Propene
Concen: 0.053 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.019 min
Lab File: VL041175.D
Acq: 25 Apr 2024 17:54

Tgt Ion: 41 Resp: 3059
Ion Ratio Lower Upper
41 100
42 69.1 60.1 90.1

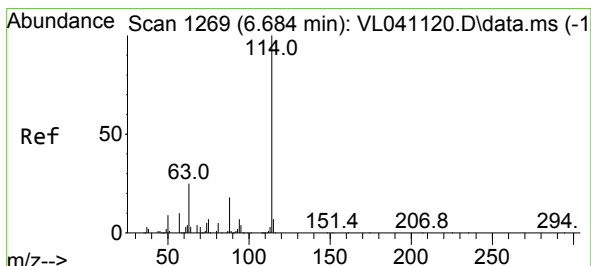
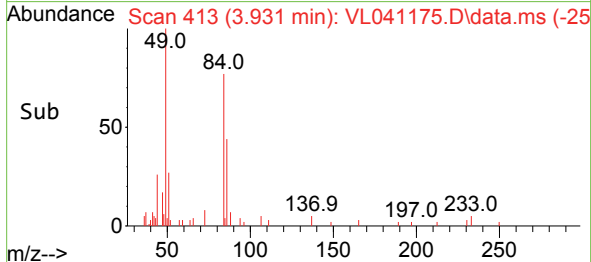
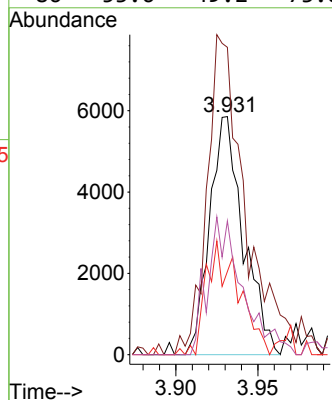
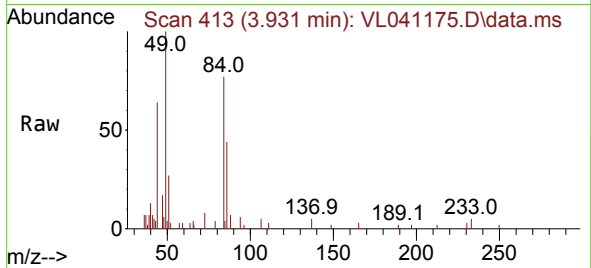




#20
Methylene Chloride
Concen: 0.161 ppbv
RT: 3.931 min Scan# 418
Delta R.T. 0.007 min
Lab File: VL041175.D
Acq: 25 Apr 2024 17:54

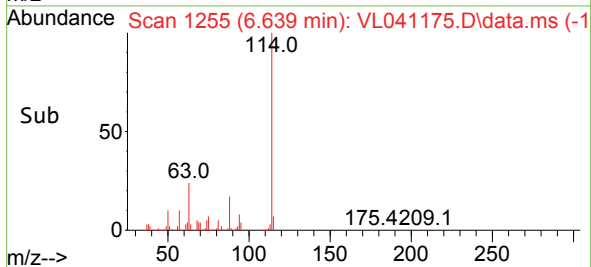
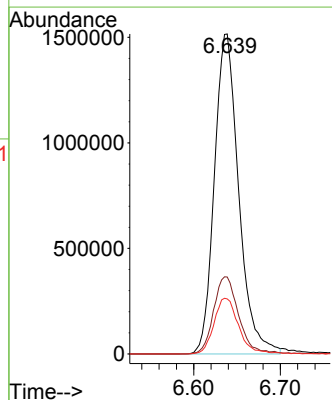
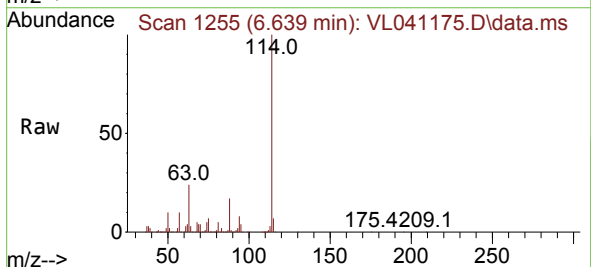
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

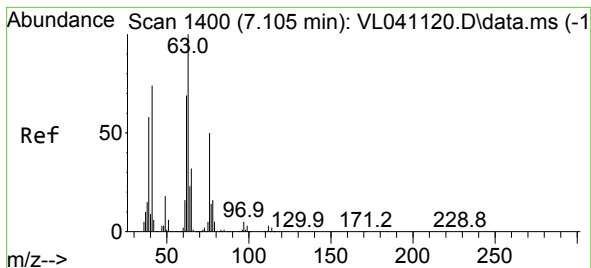
Tgt Ion: 84 Resp: 8392
Ion Ratio Lower Upper
84 100
49 115.6 120.7 181.1#
51 35.1 36.6 54.8#
86 53.6 49.2 73.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.003 min
Lab File: VL041175.D
Acq: 25 Apr 2024 17:54

Tgt Ion: 114 Resp: 2958508
Ion Ratio Lower Upper
114 100
63 25.2 20.9 31.3
88 17.8 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.400 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041175.D

Acq: 25 Apr 2024 17:54

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

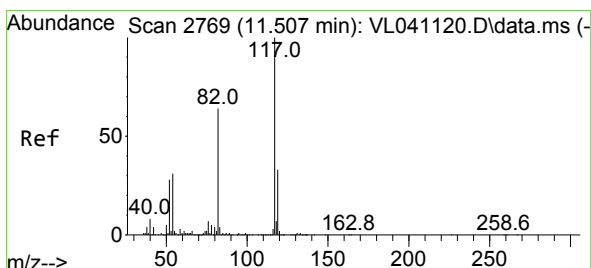
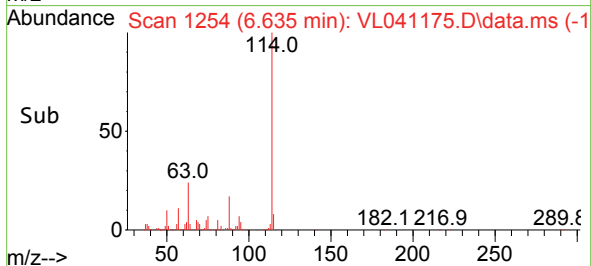
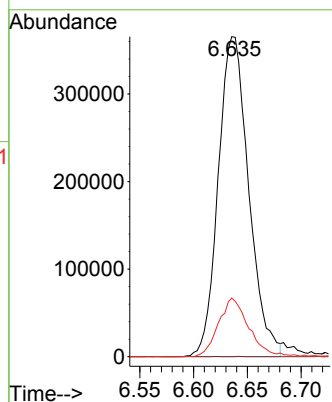
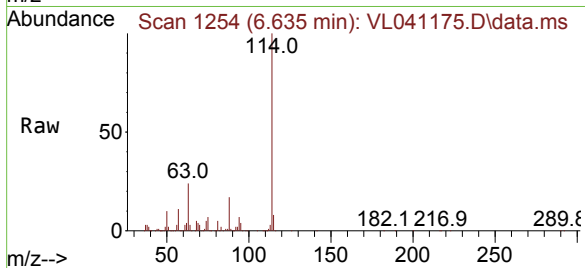
Tgt Ion: 63 Resp: 719554

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

62 18.3 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.442 min Scan# 2749

Delta R.T. 0.000 min

Lab File: VL041175.D

Acq: 25 Apr 2024 17:54

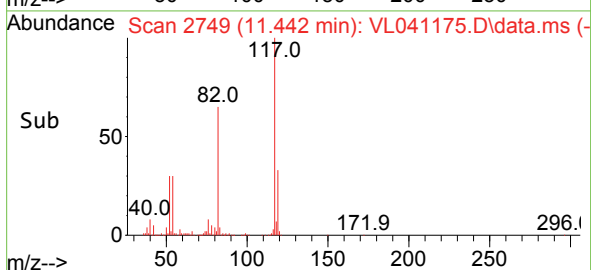
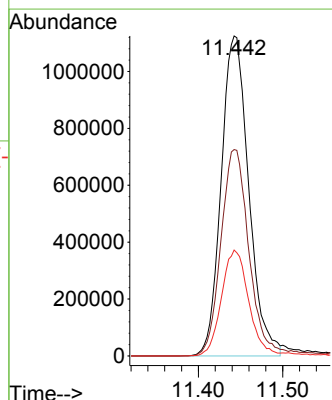
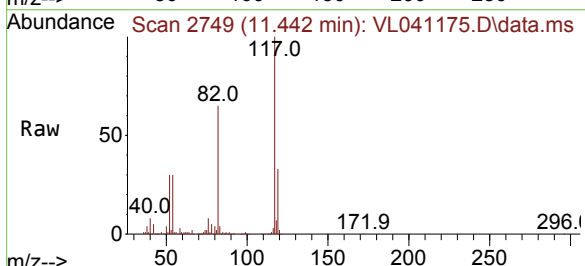
Tgt Ion: 117 Resp: 2551831

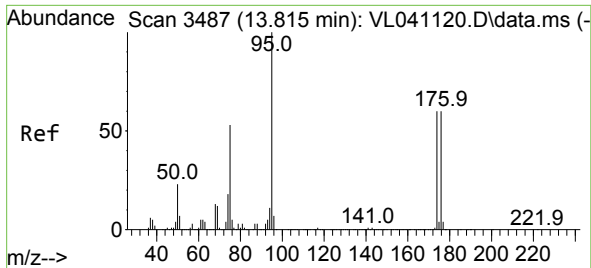
Ion Ratio Lower Upper

117 100

82 67.8 51.0 76.6

119 34.0 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.988 ppbv
 RT: 13.751 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041175.D
 Acq: 25 Apr 2024 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 2049483
 Ion Ratio Lower Upper
 95 100
 174 60.7 49.3 73.9
 175 4.7 3.6 5.4

