

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041167.D
 Acq On : 25 Apr 2024 12:37
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 26 03:11:53 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)

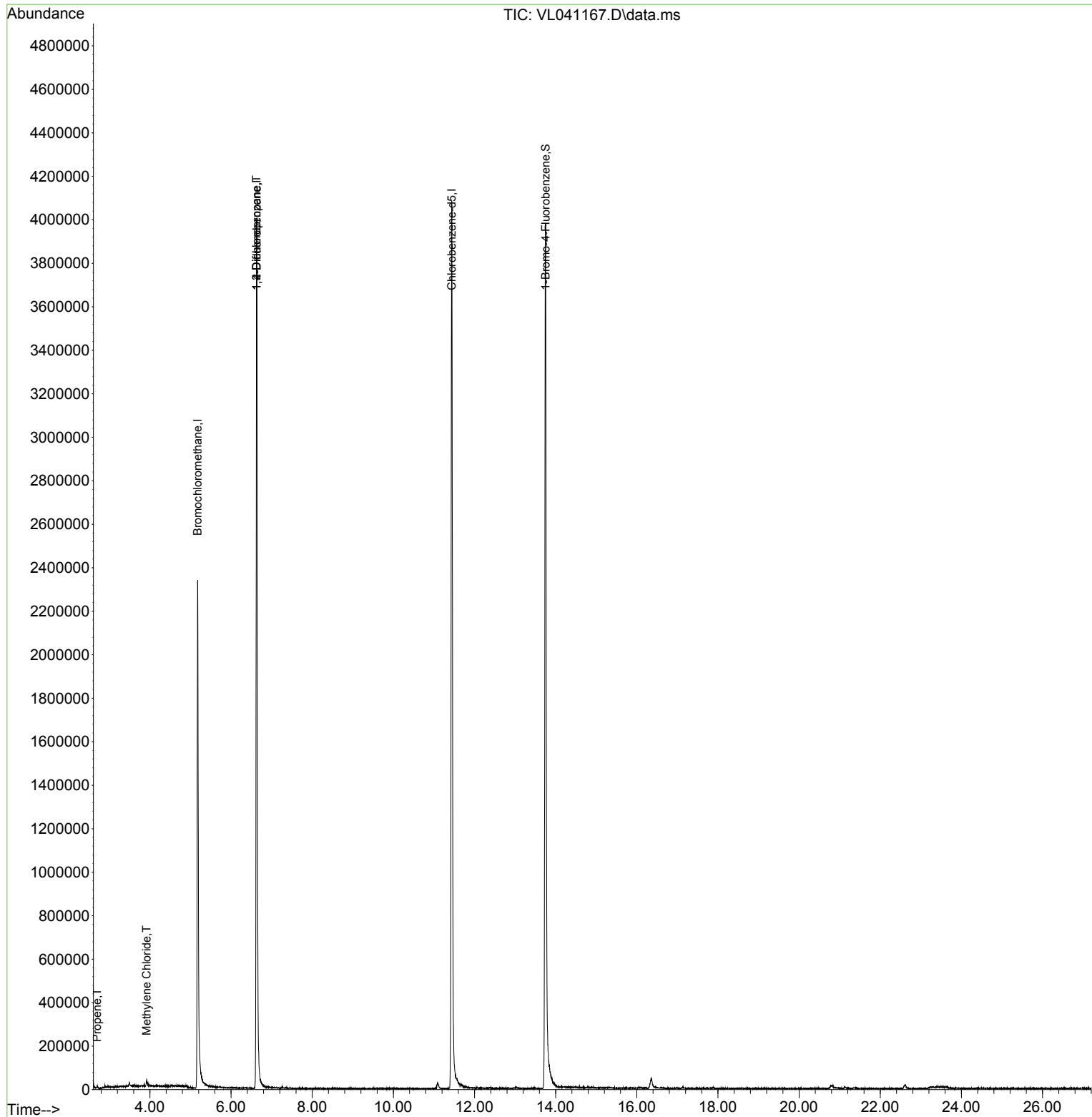
Internal Standards						
1) Bromochloromethane	5.176	49	1211743	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3060879	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2664311	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2086646	9.740	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	2174	0.037	ppbv	84
20) Methylene Chloride	3.922	84	5376	0.099	ppbv #	71
39) 1,2-Dichloropropane	6.629	63	780266	8.804	ppbv #	24

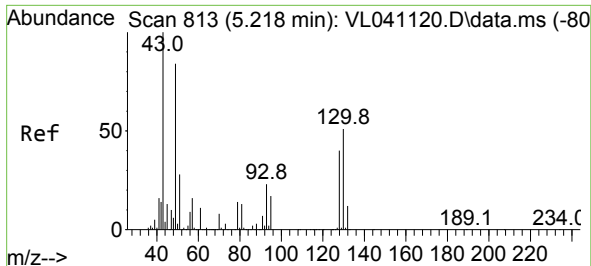
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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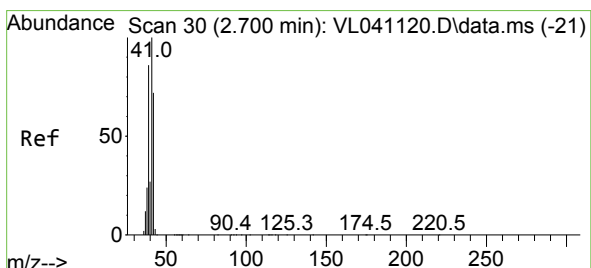
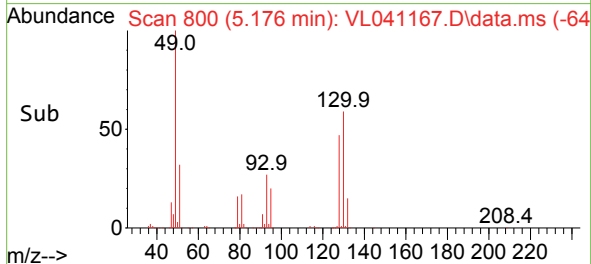
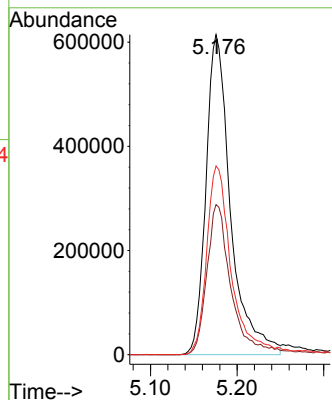
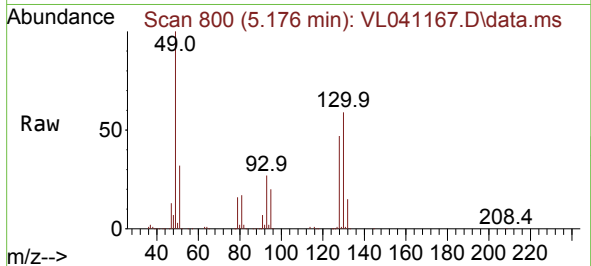




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041167.D
Acq: 25 Apr 2024 12:37

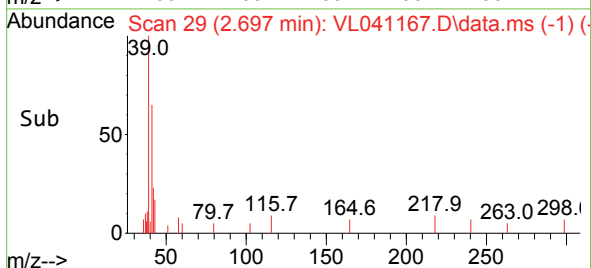
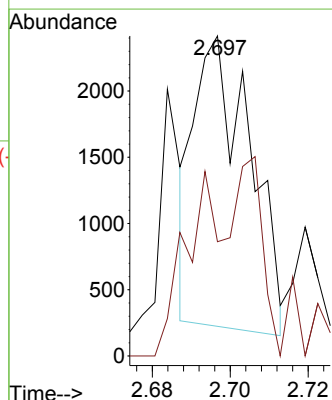
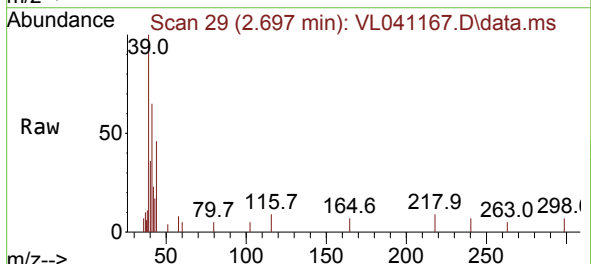
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

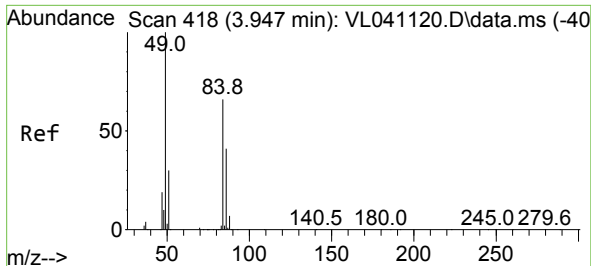
Tgt Ion: 49 Resp: 1211743
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 61.9 30.1 90.5



#9
Propene
Concen: 0.037 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL041167.D
Acq: 25 Apr 2024 12:37

Tgt Ion: 41 Resp: 2174
Ion Ratio Lower Upper
41 100
42 88.3 60.1 90.1

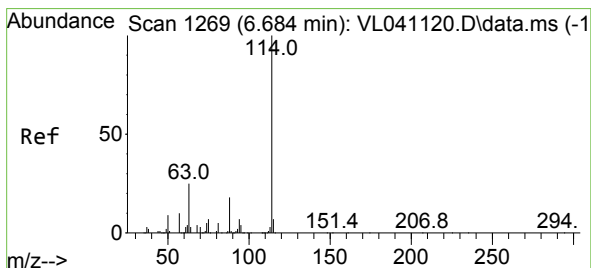
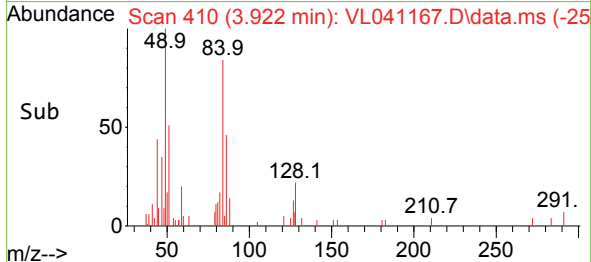
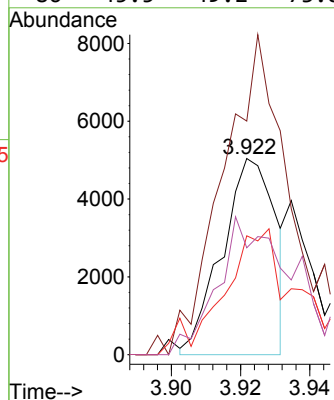
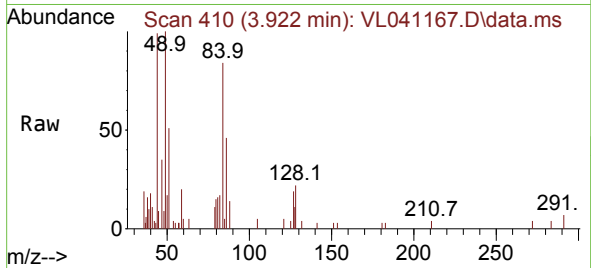




#20
Methylene Chloride
Concen: 0.099 ppbv
RT: 3.922 min Scan# 418
Delta R.T. -0.003 min
Lab File: VL041167.D
Acq: 25 Apr 2024 12:37

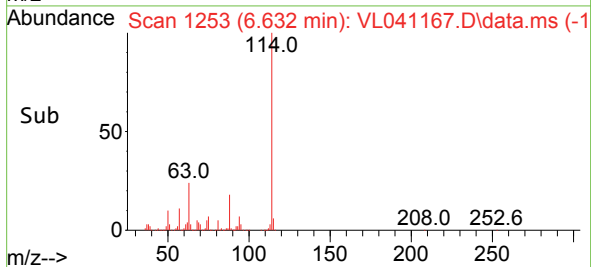
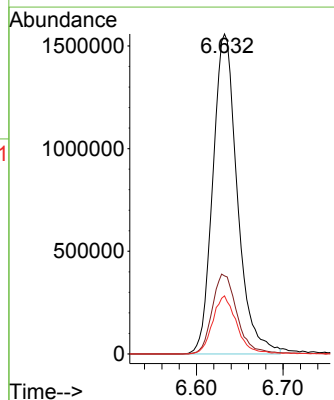
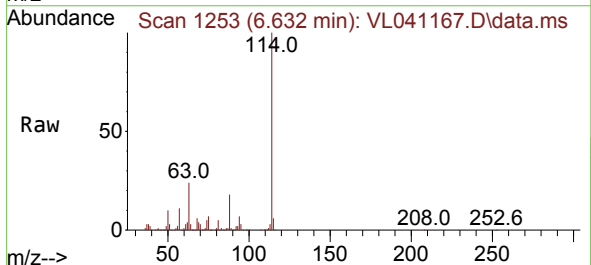
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

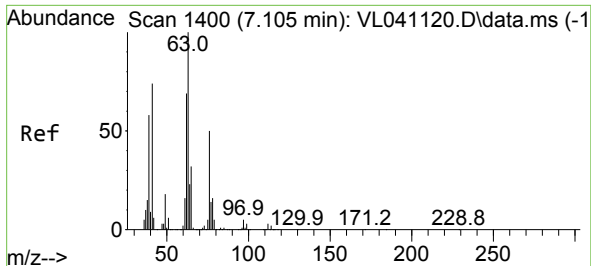
Tgt Ion: 84 Resp: 5376
Ion Ratio Lower Upper
84 100
49 99.7 120.7 181.1#
51 43.5 36.6 54.8
86 45.5 49.2 73.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL041167.D
Acq: 25 Apr 2024 12:37

Tgt Ion: 114 Resp: 3060879
Ion Ratio Lower Upper
114 100
63 25.7 20.9 31.3
88 18.0 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.804 ppbv

RT: 6.629 min Scan# 1

Delta R.T. -0.428 min

Lab File: VL041167.D

Acq: 25 Apr 2024 12:37

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

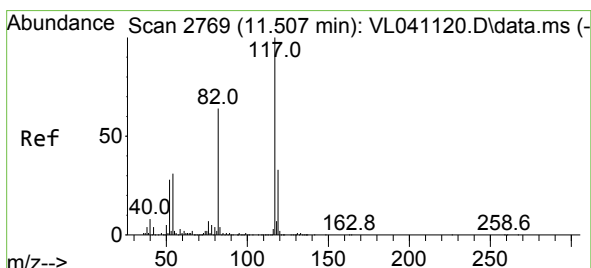
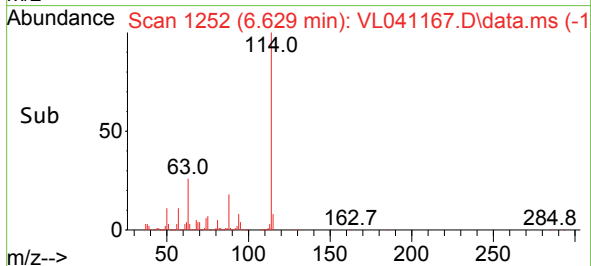
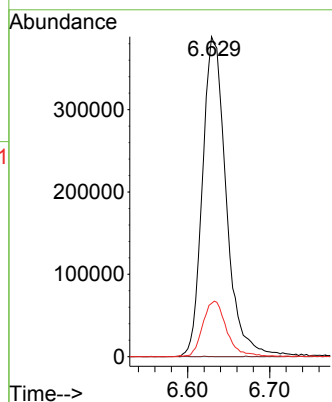
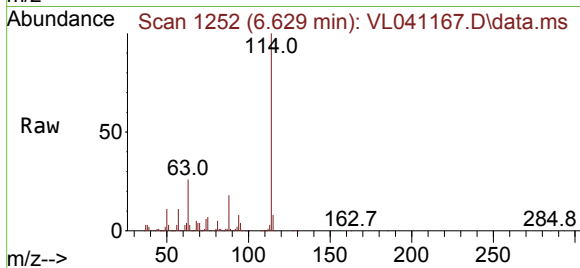
Tgt Ion: 63 Resp: 780266

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

62 16.4 55.5 83.3#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.439 min Scan# 2748

Delta R.T. -0.003 min

Lab File: VL041167.D

Acq: 25 Apr 2024 12:37

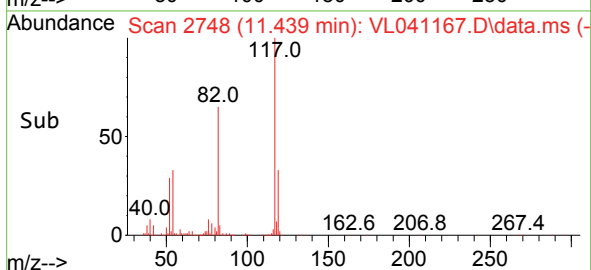
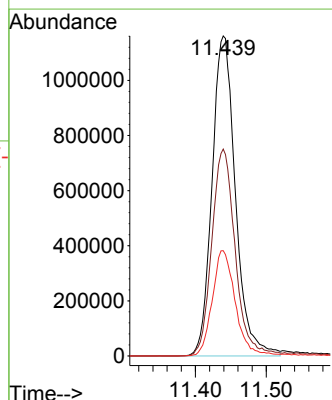
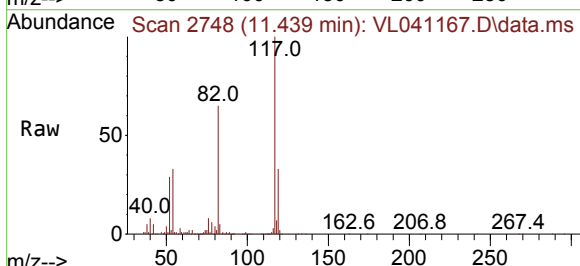
Tgt Ion: 117 Resp: 2664311

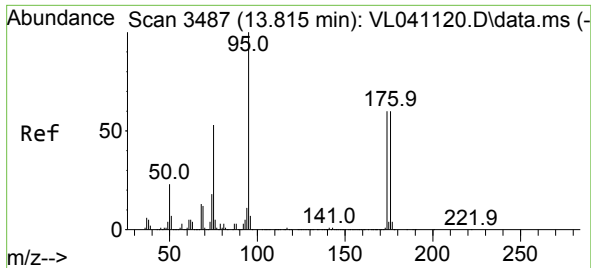
Ion Ratio Lower Upper

117 100

82 66.5 51.0 76.6

119 32.8 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.740 ppbv
 RT: 13.751 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041167.D
 Acq: 25 Apr 2024 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 2086646

Ion	Ratio	Lower	Upper
95	100		
174	61.3	49.3	73.9
175	4.6	3.6	5.4

