

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012324\
 Data File : VL041009.D
 Acq On : 23 Jan 2024 23:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 24 01:02:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 24 00:50:15 2024
 Response via : Initial Calibration

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

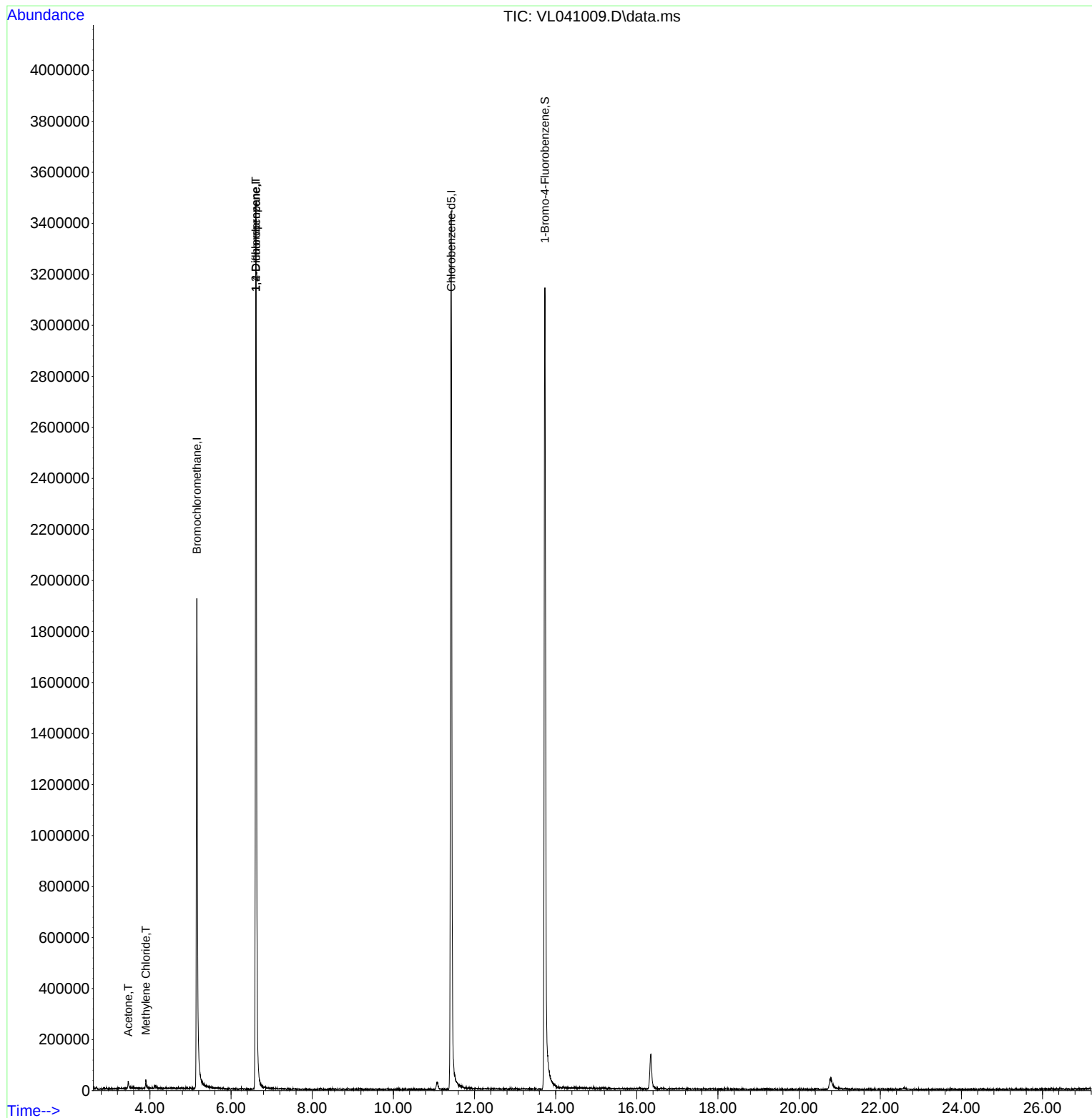
Internal Standards						
1) Bromochloromethane	5.156	49	1008118	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.613	114	2791588	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.423	117	2369263	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.735	95	1720311	9.613	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
15) Acetone	3.465	43	25851	0.201	ppbv #	88
20) Methylene Chloride	3.899	84	8610	0.174	ppbv #	93
39) 1,2-Dichloropropane	6.610	63	656408	7.227	ppbv #	24

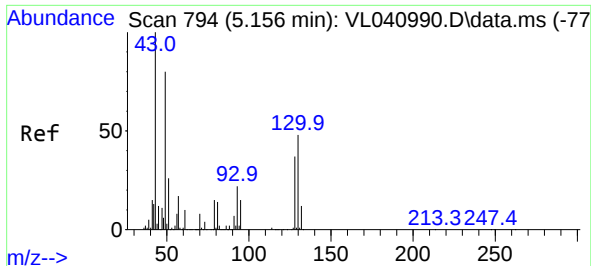
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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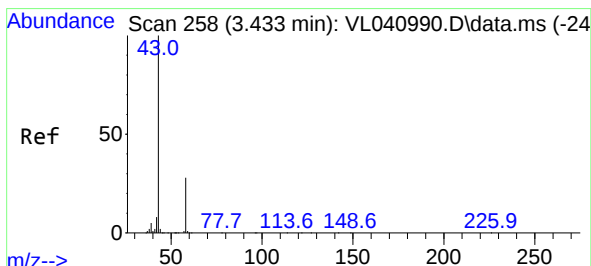
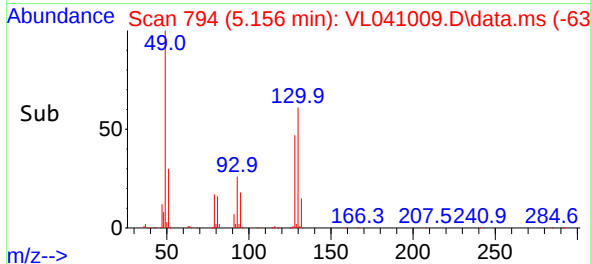
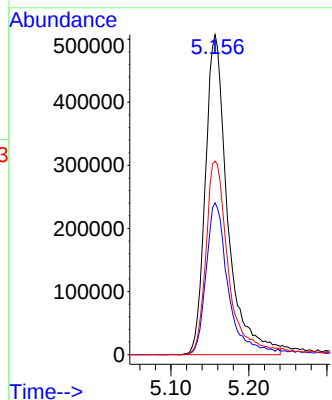
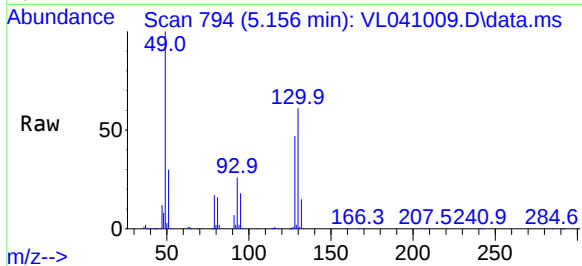




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

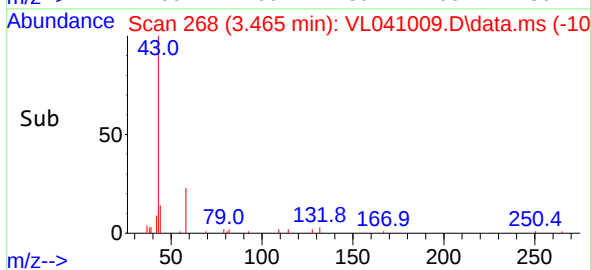
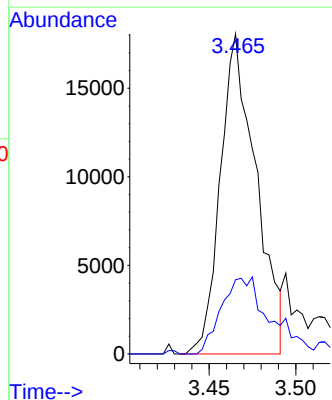
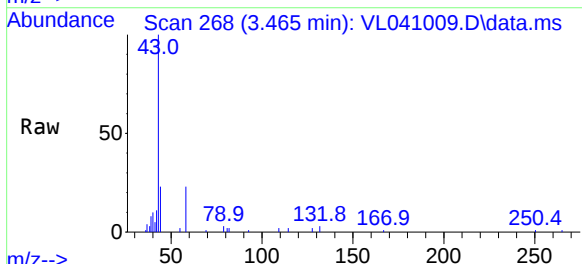
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

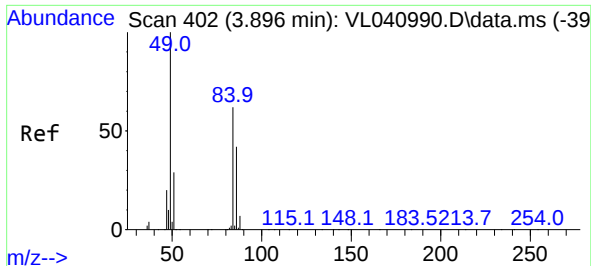
Tgt Ion: 49 Resp: 1008118
Ion Ratio Lower Upper
49 100
128 48.9 23.9 71.7
130 62.3 31.1 93.5



#15
Acetone
Concen: 0.201 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.032 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Tgt Ion: 43 Resp: 25851
Ion Ratio Lower Upper
43 100
58 34.2 22.2 33.2#



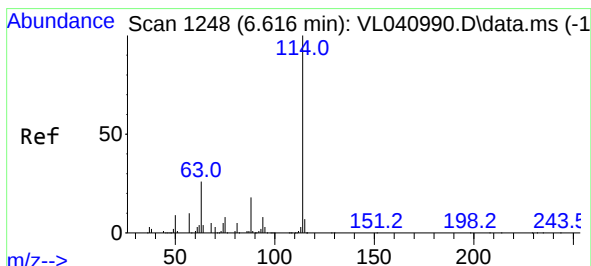
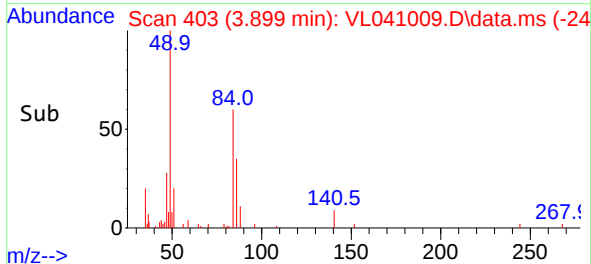
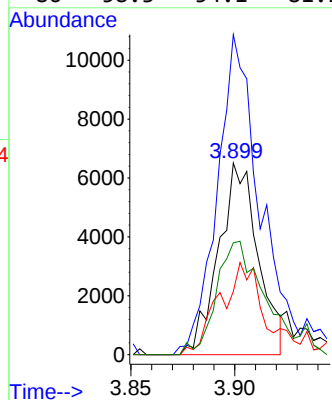
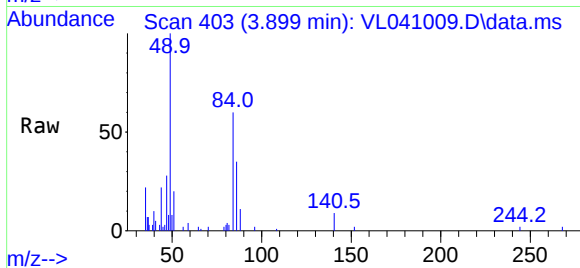


#20
Methylene Chloride
Concen: 0.174 ppbv
RT: 3.899 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 8610

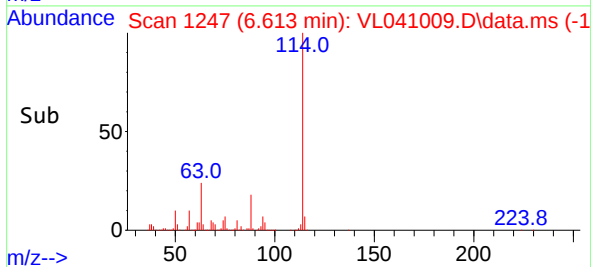
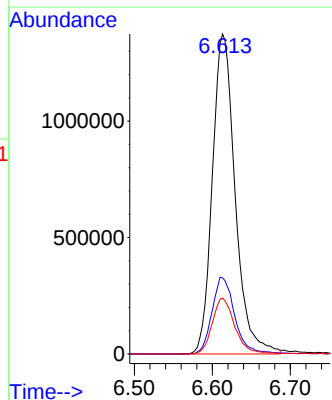
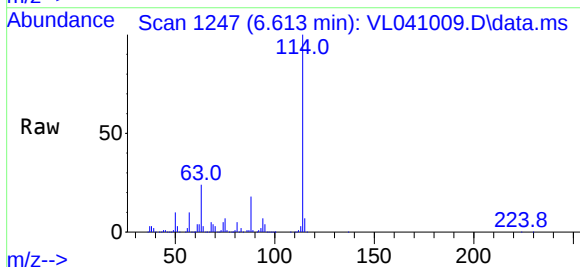
Ion	Ratio	Lower	Upper
84	100		
49	162.6	128.1	192.1
51	33.0	36.5	54.7#
86	58.3	54.1	81.1

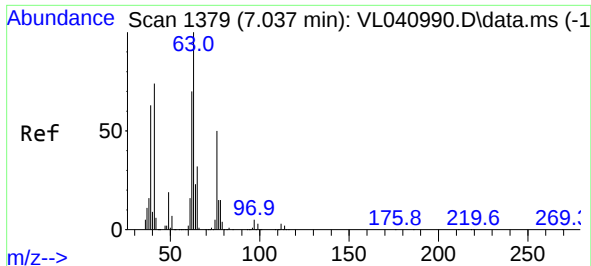


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VL041009.D
Acq: 23 Jan 2024 23:24

Tgt Ion: 114 Resp: 2791588

Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.8	31.2
88	17.4	14.3	21.5





#39

1,2-Dichloropropane

Concen: 7.227 ppbv

RT: 6.610 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL041009.D

Acq: 23 Jan 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

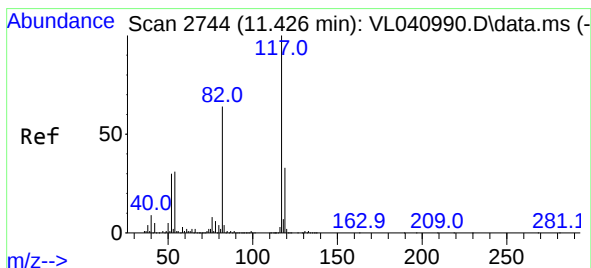
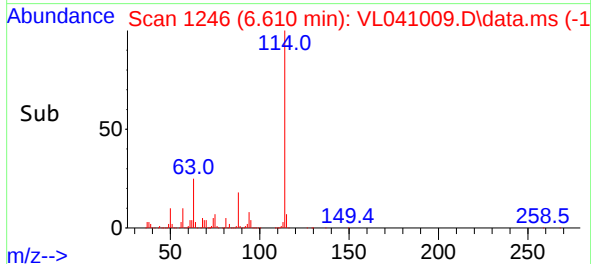
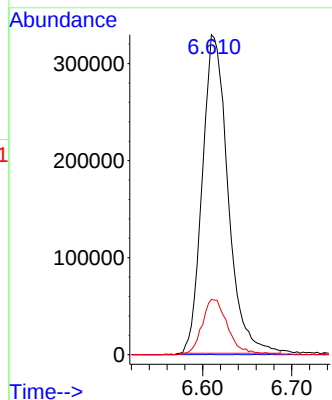
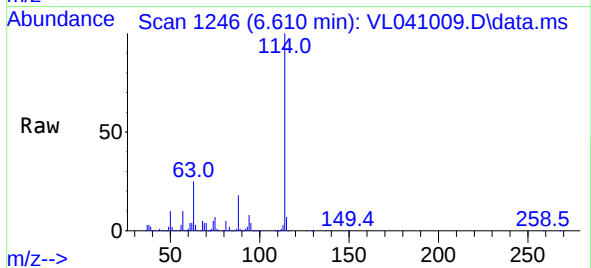
Tgt Ion: 63 Resp: 656408

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 17.3 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.423 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VL041009.D

Acq: 23 Jan 2024 23:24

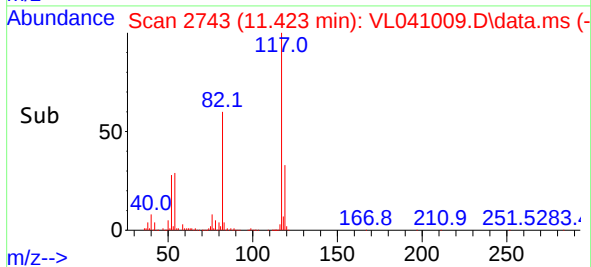
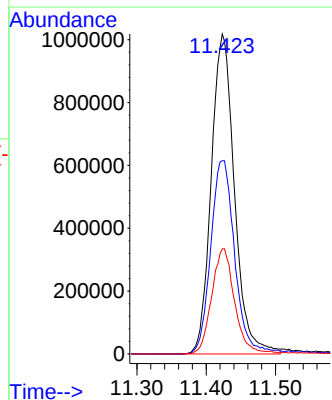
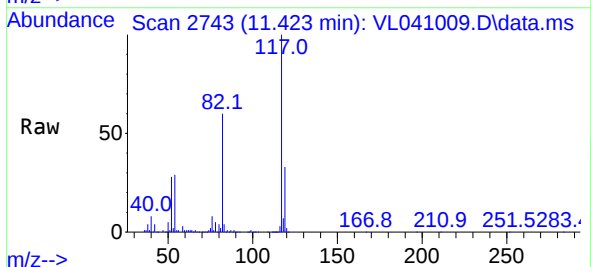
Tgt Ion: 117 Resp: 2369263

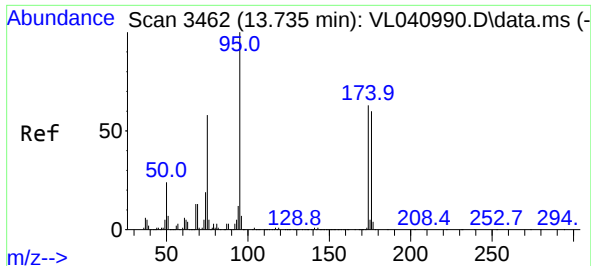
Ion Ratio Lower Upper

117 100

82 64.0 51.7 77.5

119 33.1 23.8 35.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.613 ppbv
 RT: 13.735 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL041009.D
 Acq: 23 Jan 2024 23:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1720311
 Ion Ratio Lower Upper
 95 100
 174 62.7 49.1 73.7
 175 4.8 3.7 5.5

