

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041128.D
 Acq On : 4 Apr 2024 16:48
 Operator : SY/MD
 Sample : VL0404ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABL01

Quant Time: Apr 05 03:43:10 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 05 03:20:09 2024
 Response via : Initial Calibration

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

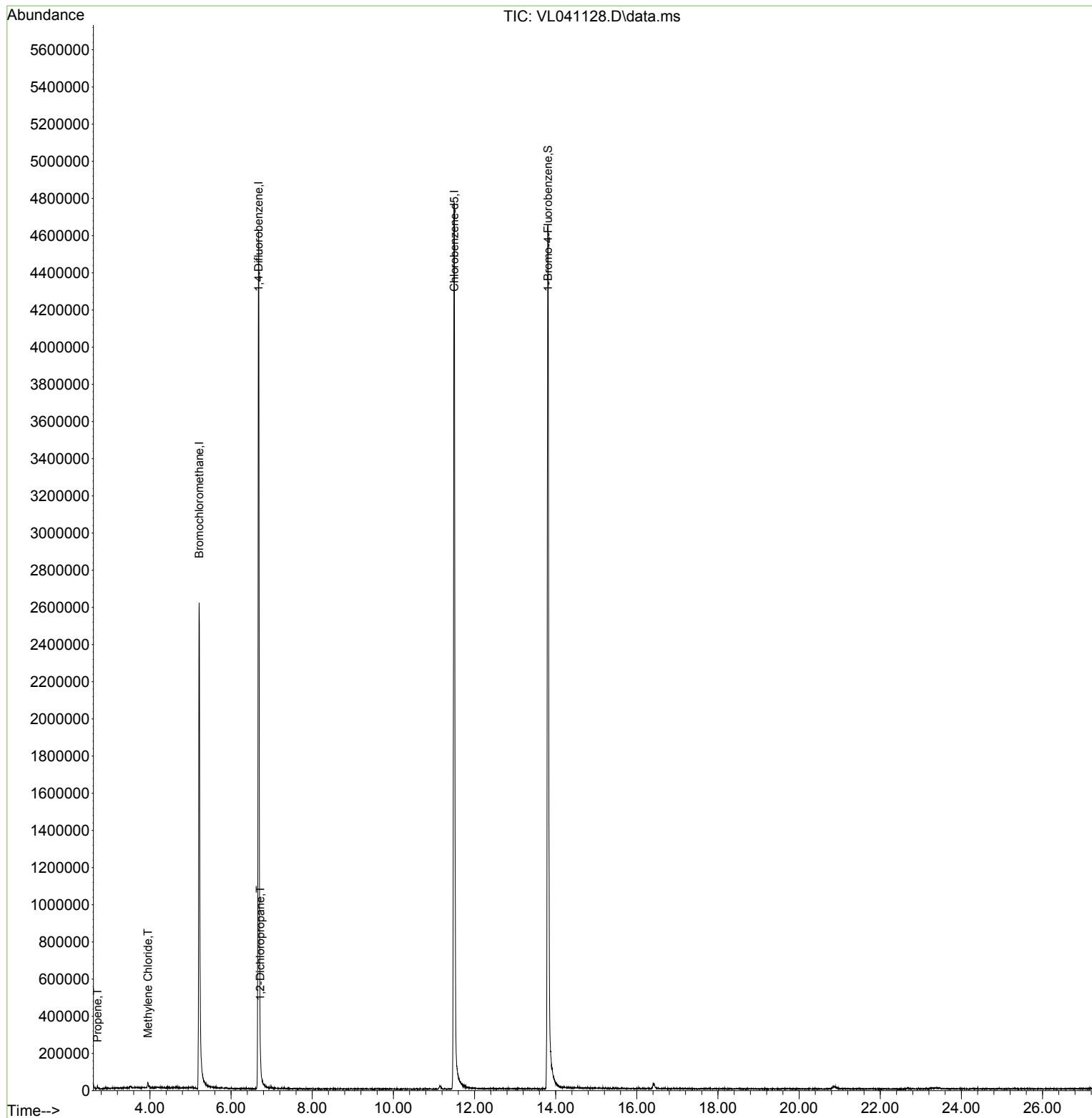
Internal Standards						
1) Bromochloromethane	5.214	49	1386951	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	3501309	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3050748	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2426170	9.850	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	2346	0.035	ppbv #	15
20) Methylene Chloride	3.951	84	8871	0.143	ppbv #	80
39) 1,2-Dichloropropane	6.719	63	14139	0.139	ppbv #	19

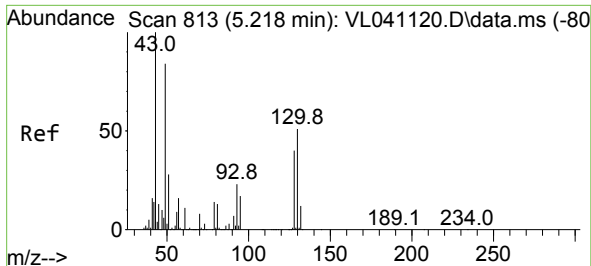
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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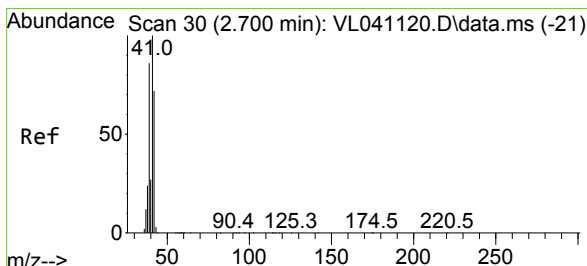
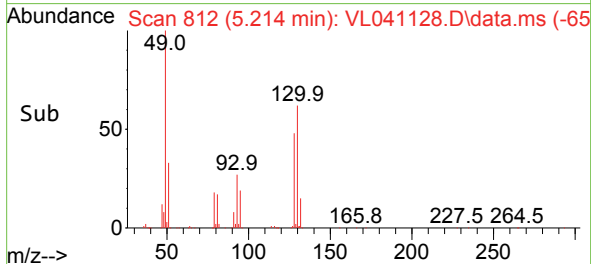
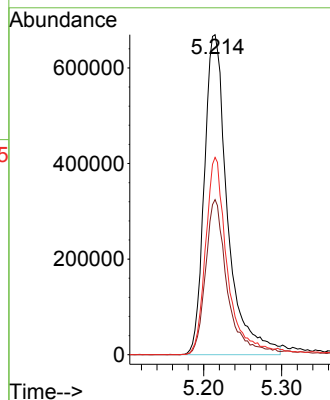
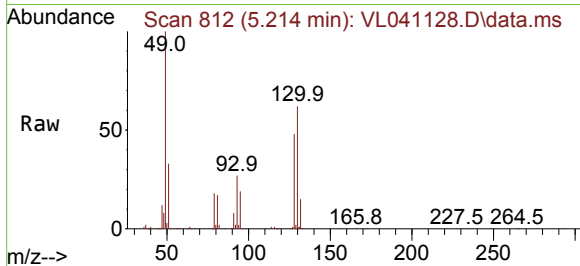




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041128.D
Acq: 4 Apr 2024 16:48

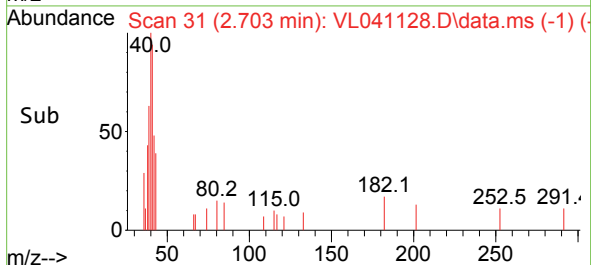
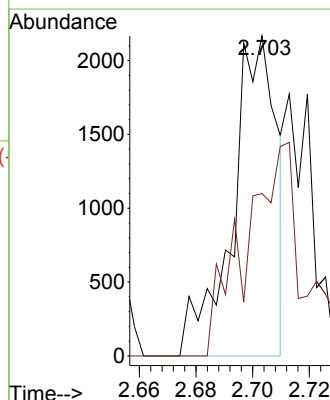
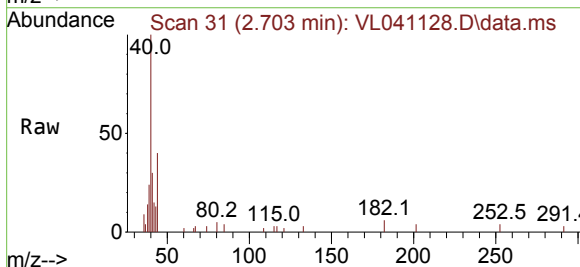
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABL01

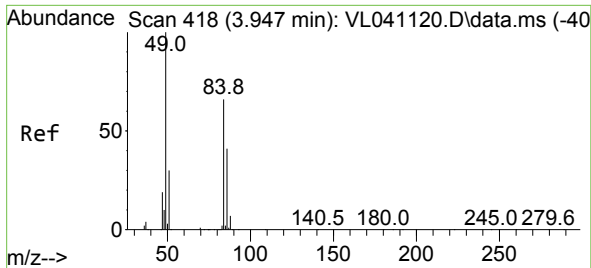
Tgt Ion: 49 Resp: 1386951
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.5
130 60.3 30.3 90.9



#9
Propene
Concen: 0.035 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041128.D
Acq: 4 Apr 2024 16:48

Tgt Ion: 41 Resp: 2346
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#

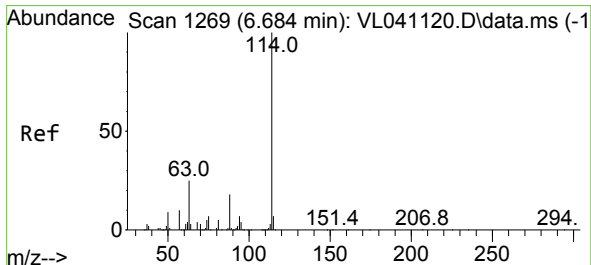
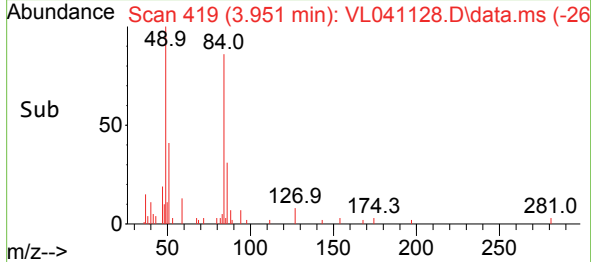
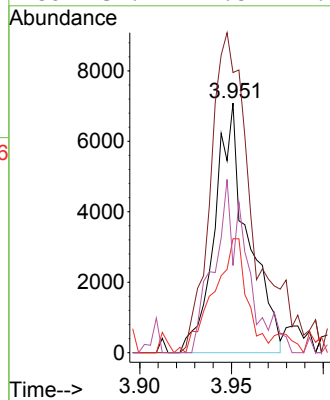
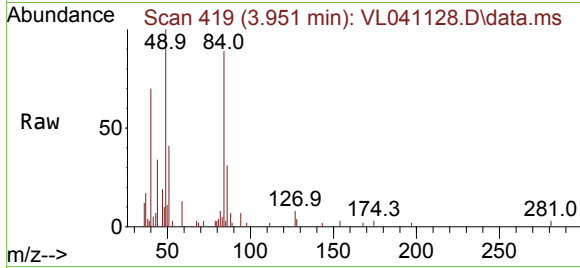




#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 3.951 min Scan# 418
Delta R.T. 0.003 min
Lab File: VL041128.D
Acq: 4 Apr 2024 16:48

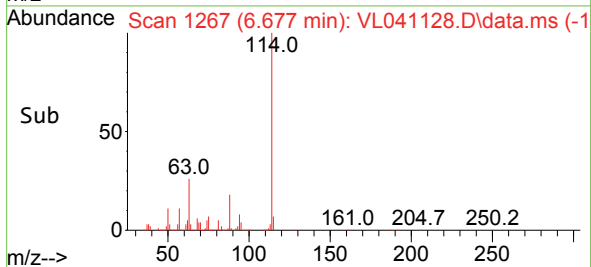
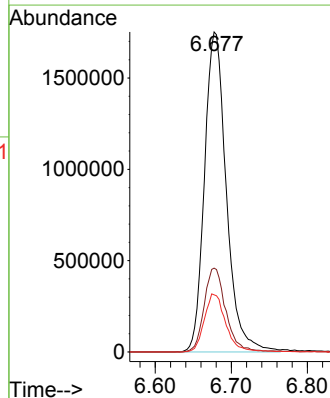
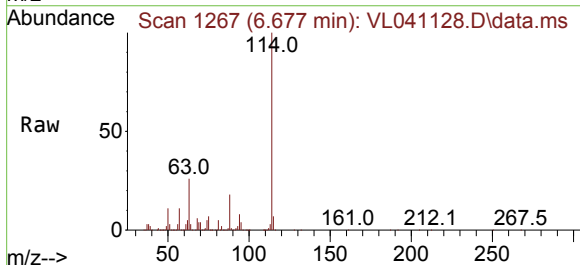
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABL01

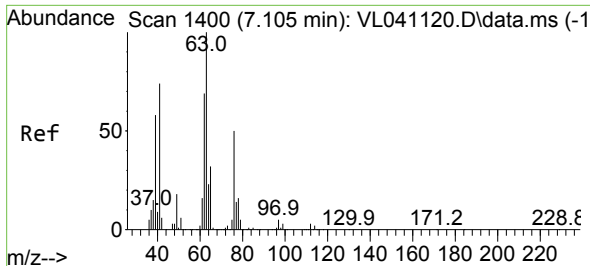
Tgt Ion: 84 Resp: 8871
Ion Ratio Lower Upper
84 100
49 121.3 117.0 175.6
51 43.5 34.9 52.3
86 34.9 49.8 74.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VL041128.D
Acq: 4 Apr 2024 16:48

Tgt Ion: 114 Resp: 3501309
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 18.0 14.6 22.0





#39

1,2-Dichloropropane

Concen: 0.139 ppbv

RT: 6.719 min Scan# 1

Delta R.T. -0.386 min

Lab File: VL041128.D

Acq: 4 Apr 2024 16:48

Instrument :

MSVOA_L

ClientSampleId :

VL0404ABL01

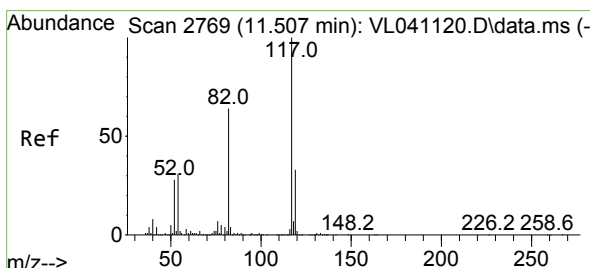
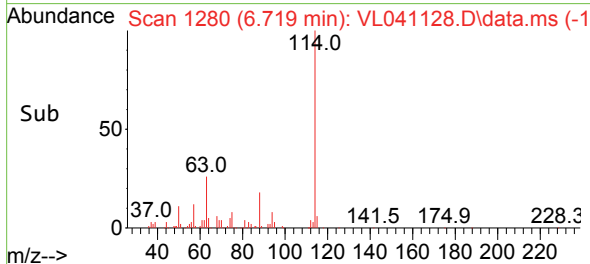
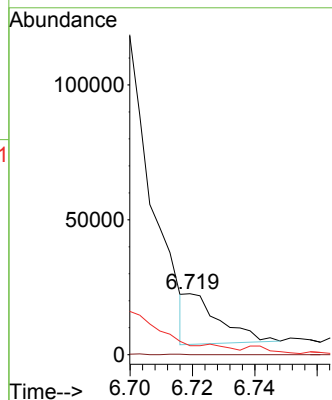
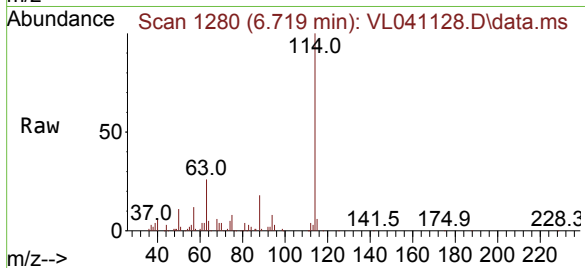
Tgt Ion: 63 Resp: 14139

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 12.5 57.0 85.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.500 min Scan# 2767

Delta R.T. -0.006 min

Lab File: VL041128.D

Acq: 4 Apr 2024 16:48

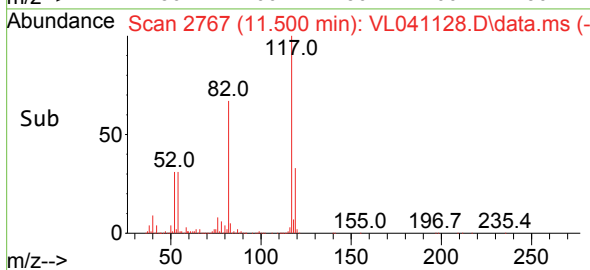
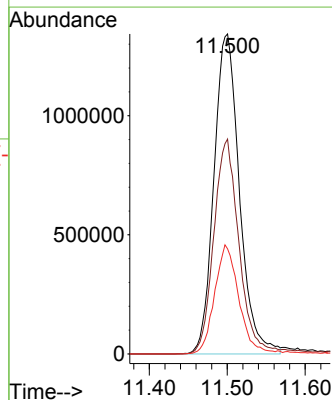
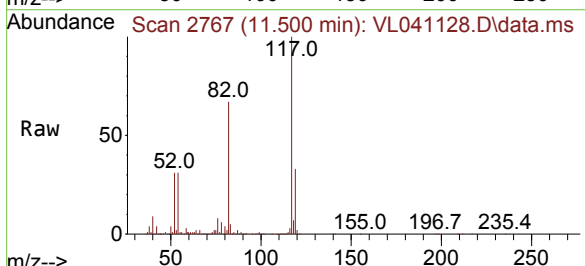
Tgt Ion: 117 Resp: 3050748

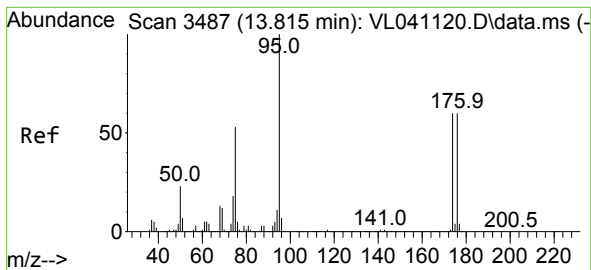
Ion Ratio Lower Upper

117 100

82 68.9 51.4 77.2

119 33.3 23.7 35.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.850 ppbv
 RT: 13.809 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VL041128.D
 Acq: 4 Apr 2024 16:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0404ABL01

Tgt Ion: 95 Resp: 2426170
 Ion Ratio Lower Upper
 95 100
 174 61.3 47.8 71.8
 175 4.5 3.5 5.3

