

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041274.D
 Acq On : 21 May 2024 20:58
 Operator : SY/MD
 Sample : CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10158

Quant Time: May 22 05:48:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

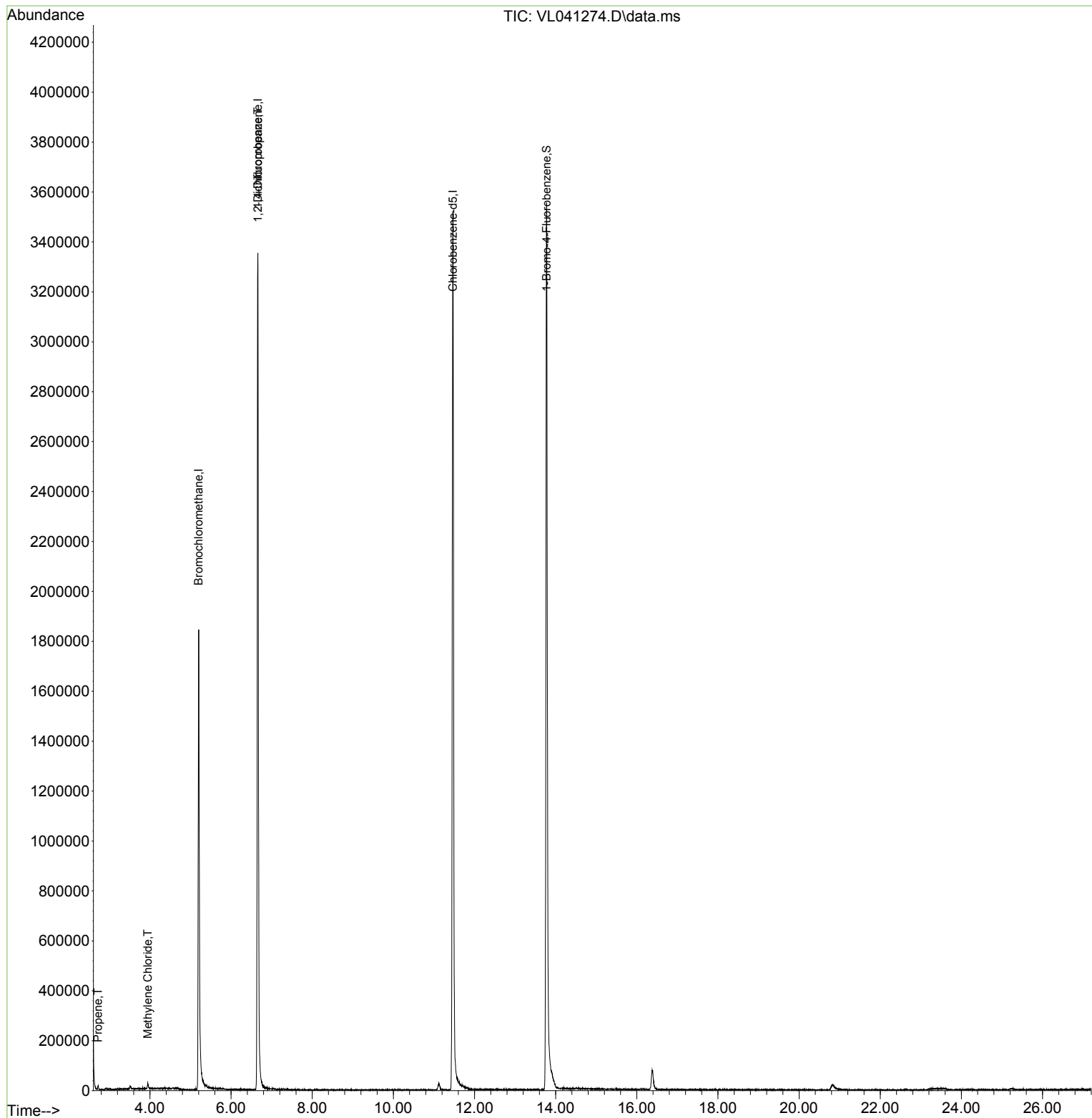
Internal Standards						
1) Bromochloromethane	5.201	49	988469	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2577636	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2369264	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1845928	10.320	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	1870	0.032	ppbv #	1
20) Methylene Chloride	3.947	84	4639	0.114	ppbv	94
39) 1,2-Dichloropropane	6.661	63	649719	7.794	ppbv #	23

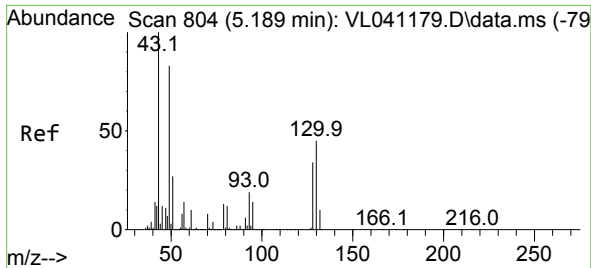
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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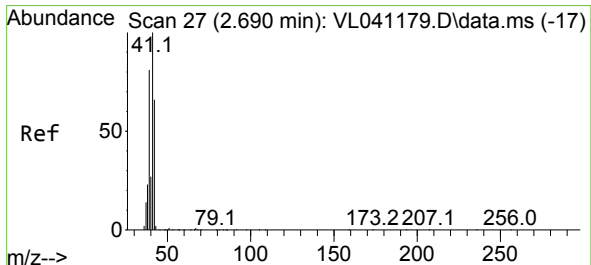
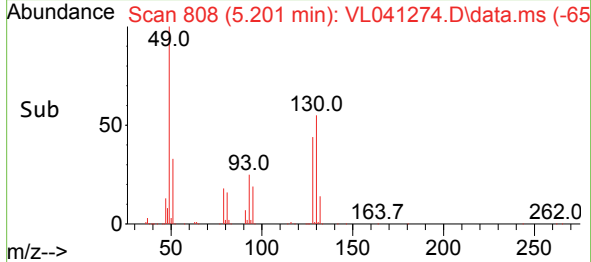
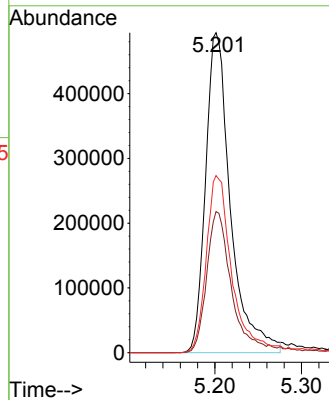
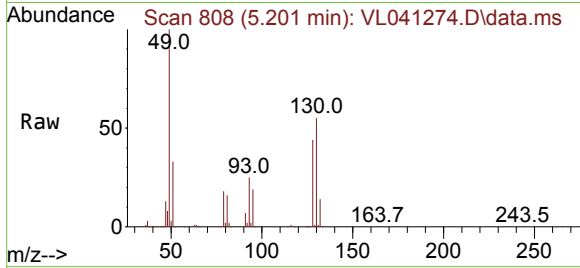




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041274.D
Acq: 21 May 2024 20:58

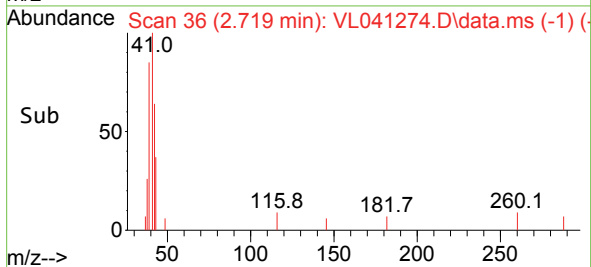
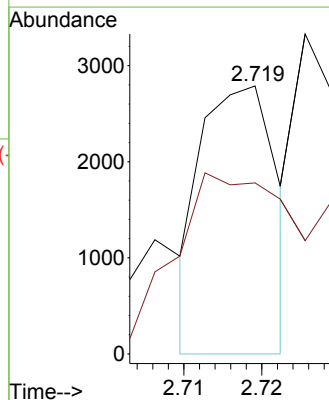
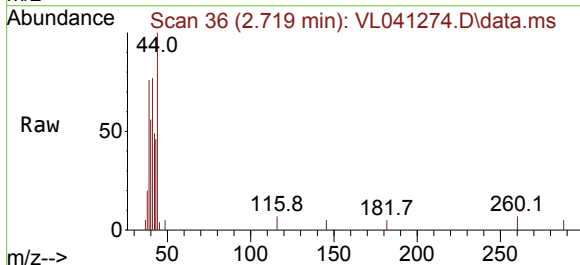
Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

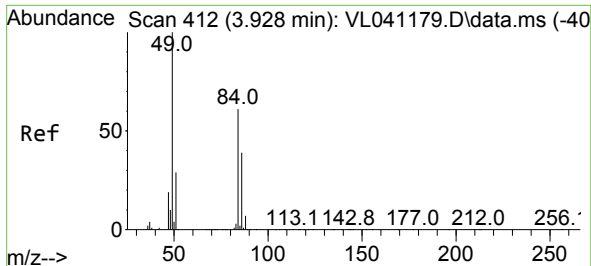
Tgt Ion: 49 Resp: 988469
Ion Ratio Lower Upper
49 100
128 46.0 21.5 64.5
130 60.0 27.2 81.6



#9
Propene
Concen: 0.032 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.006 min
Lab File: VL041274.D
Acq: 21 May 2024 20:58

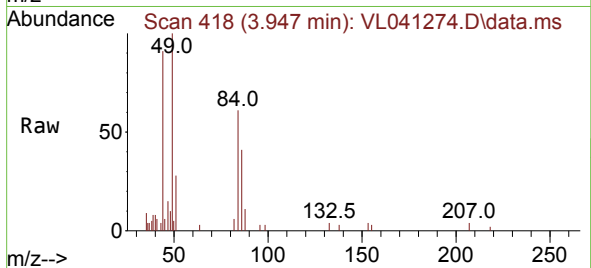
Tgt Ion: 41 Resp: 1870
Ion Ratio Lower Upper
41 100
42 171.9 55.3 82.9#





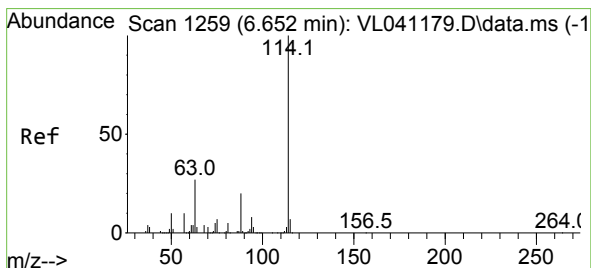
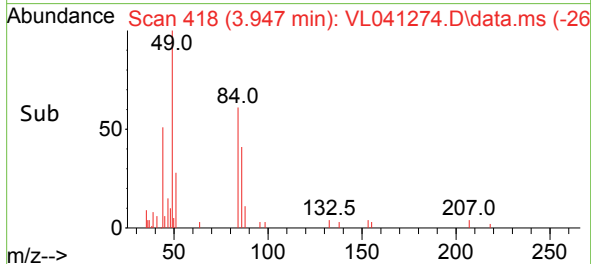
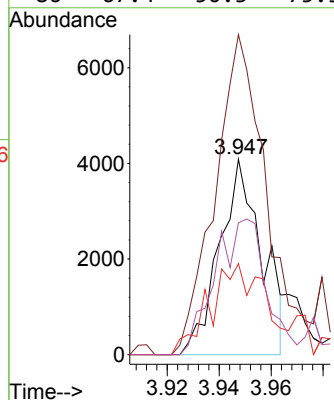
#20
Methylene Chloride
Concen: 0.114 ppbv
RT: 3.947 min Scan# 412
Delta R.T. 0.003 min
Lab File: VL041274.D
Acq: 21 May 2024 20:58

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158



Tgt Ion: 84 Resp: 4639

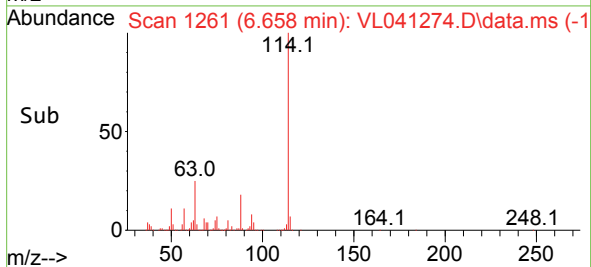
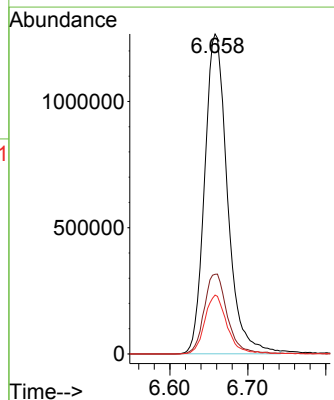
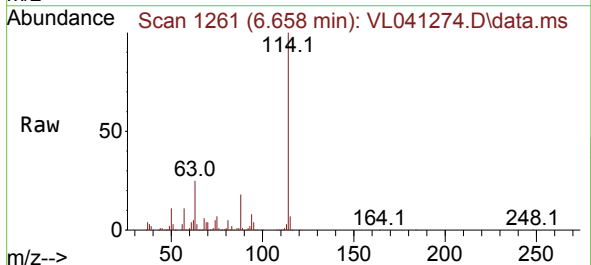
Ion	Ratio	Lower	Upper
84	100		
49	167.3	130.4	195.6
51	38.5	38.0	57.0
86	67.4	50.3	75.5

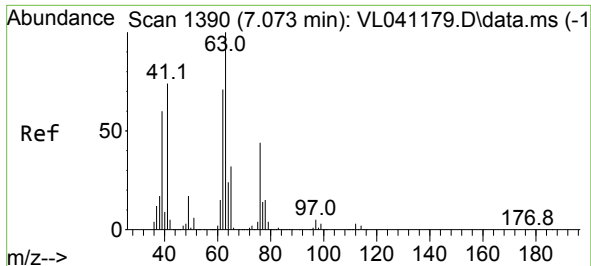


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VL041274.D
Acq: 21 May 2024 20:58

Tgt Ion: 114 Resp: 2577636

Ion	Ratio	Lower	Upper
114	100		
63	25.7	21.8	32.6
88	18.3	15.2	22.8





#39

1,2-Dichloropropane

Concen: 7.794 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL041274.D

Acq: 21 May 2024 20:58

Instrument :

MSVOA_L

ClientSampleId :

CAN 10158

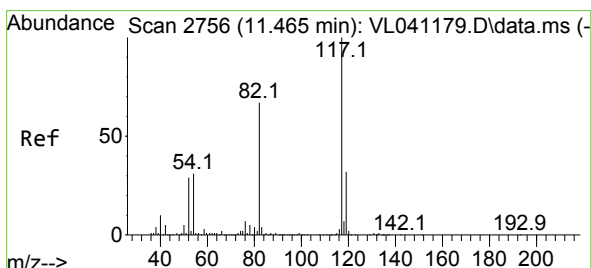
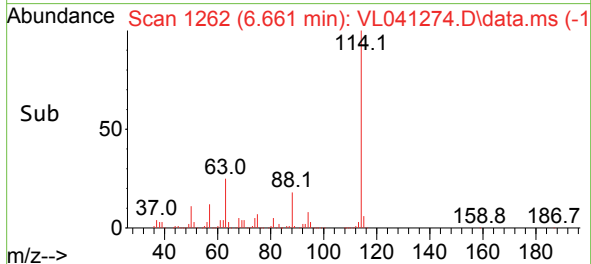
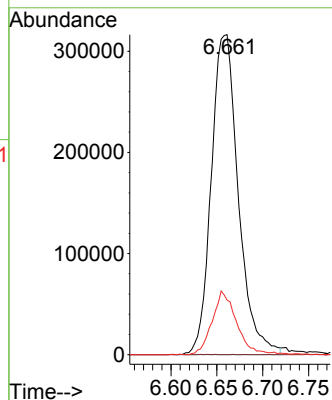
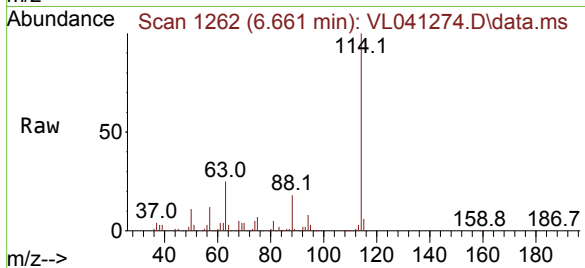
Tgt Ion: 63 Resp: 649719

Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 16.9 56.8 85.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041274.D

Acq: 21 May 2024 20:58

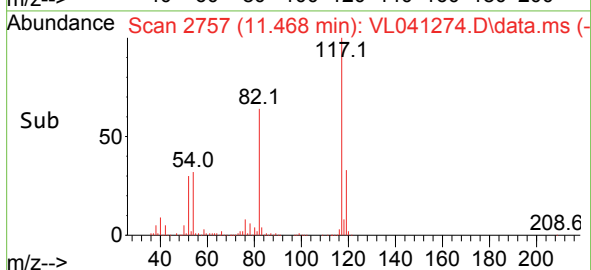
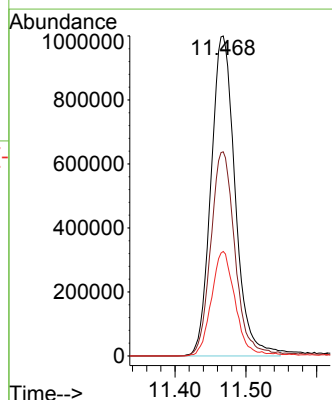
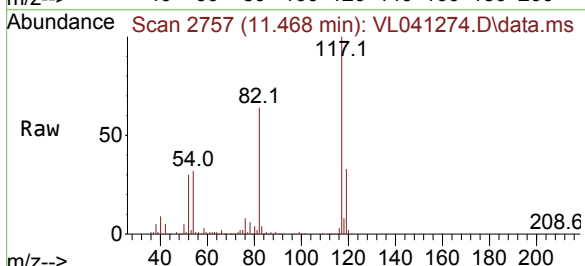
Tgt Ion: 117 Resp: 2369264

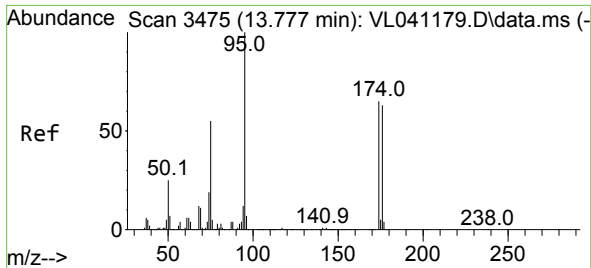
Ion Ratio Lower Upper

117 100

82 65.9 53.6 80.4

119 32.8 27.2 40.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.320 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041274.D
 Acq: 21 May 2024 20:58

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10158

Tgt Ion: 95 Resp: 1845928
 Ion Ratio Lower Upper
 95 100
 174 66.2 53.6 80.4
 175 4.6 4.2 6.4

