

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036619.D
 Acq On : 1 Apr 2021 2:46
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 01 04:32:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1563266	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3633141	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3113301	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2488330	10.03	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

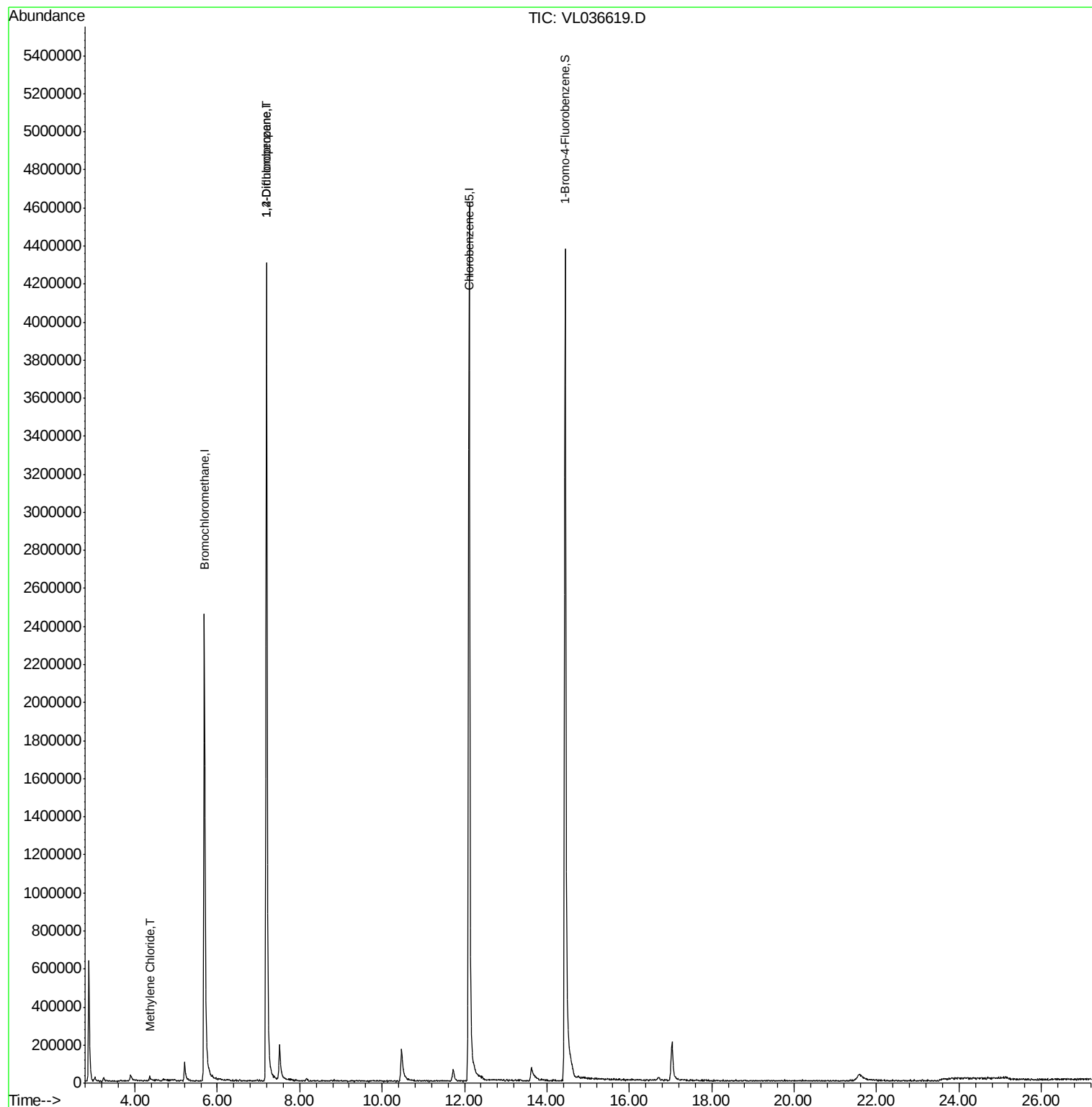
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	2171	0.030	ppbv #	77
39) 1,2-Dichloropropane	7.19	63	975254	7.175	ppbv #	24

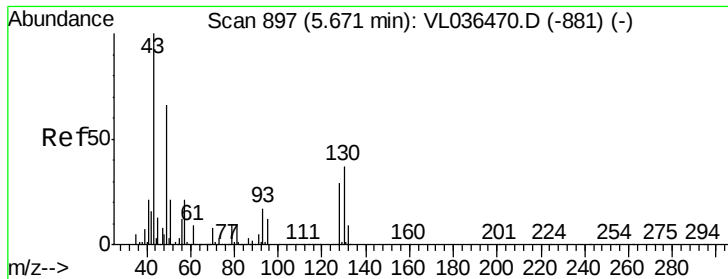
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

Lab File: VL036619.D

Acq: 1 Apr 2021 2:46

Instrument :
MSVOA_L
ClientSampleId :

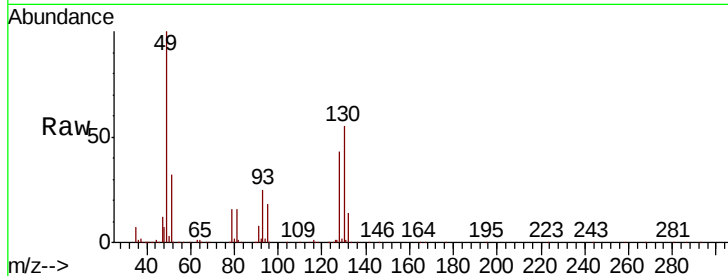
Tot Ion: 49 Resp: 1563266

Ion Ratio Lower Upper

49 100

128 44.0 23.5 70.6

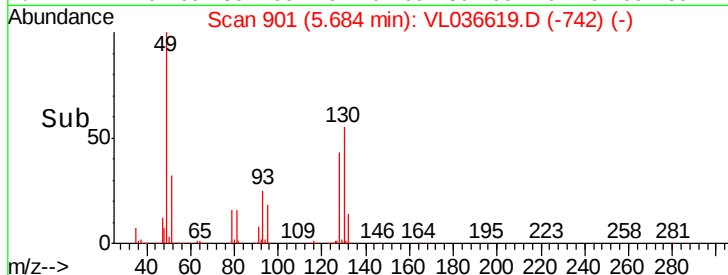
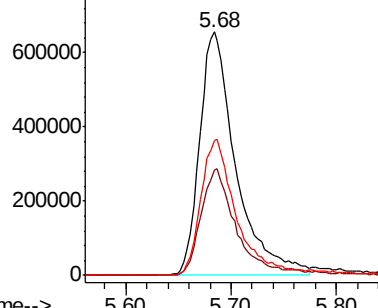
130 56.2 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.030 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036619.D

Acq: 1 Apr 2021 2:46

Tgt Ion: 84 Resp: 2171

Ion Ratio Lower Upper

84 100

49 128.3 122.9 184.3

51 67.3 36.9 55.3#

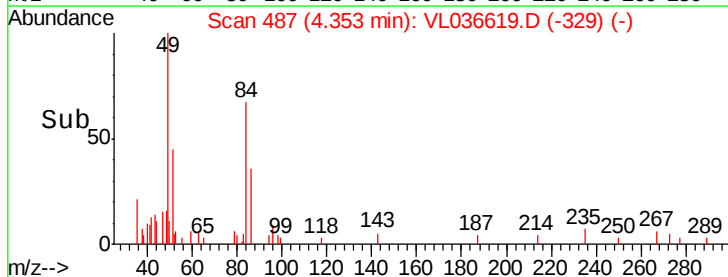
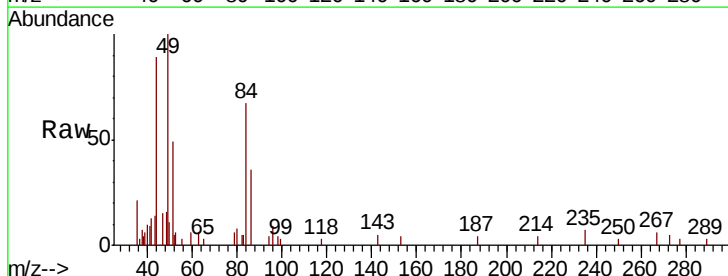
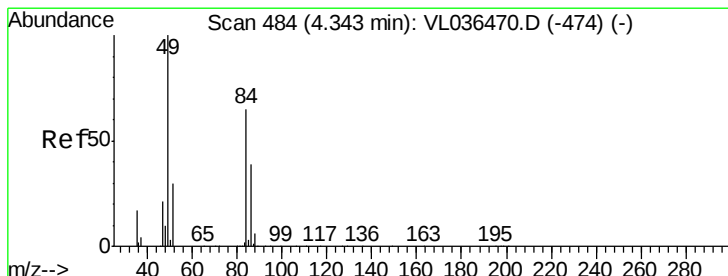
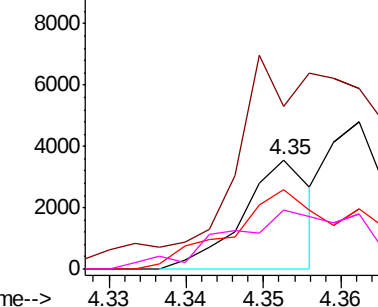
86 42.6 48.2 72.4#

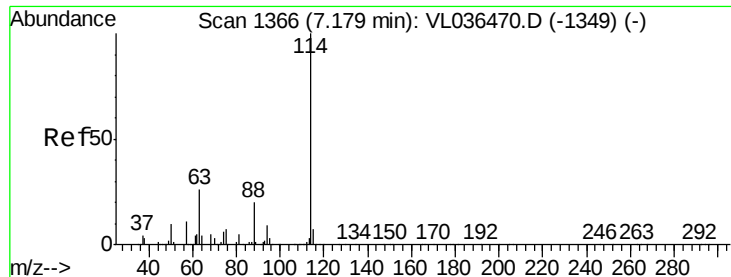
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

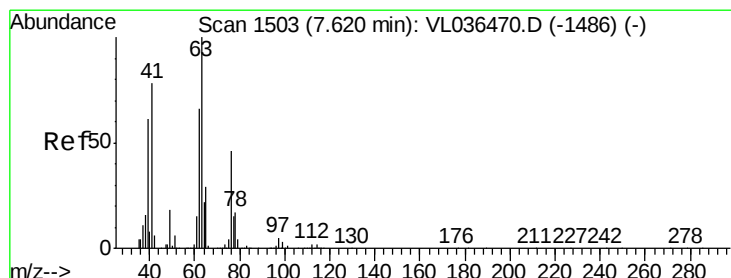
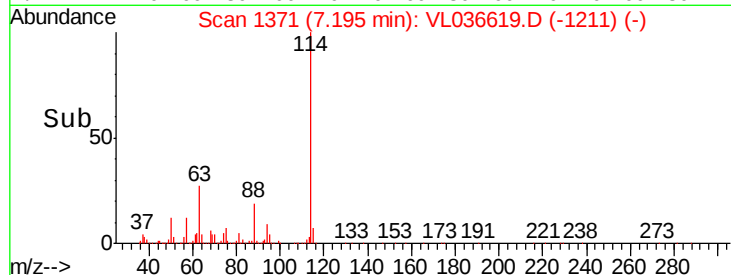
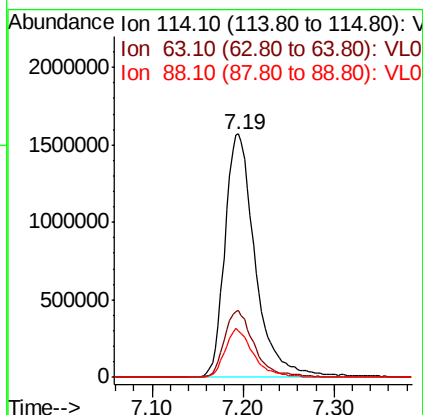
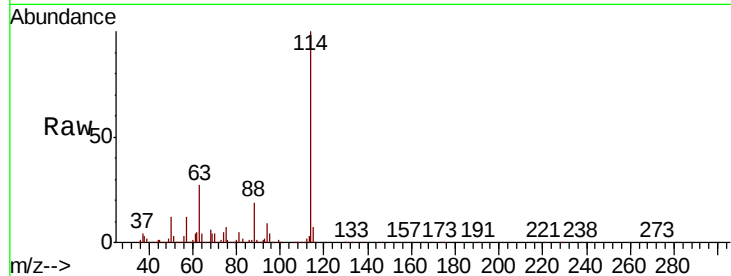




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: VL036619.D
 Acq: 1 Apr 2021 2:46

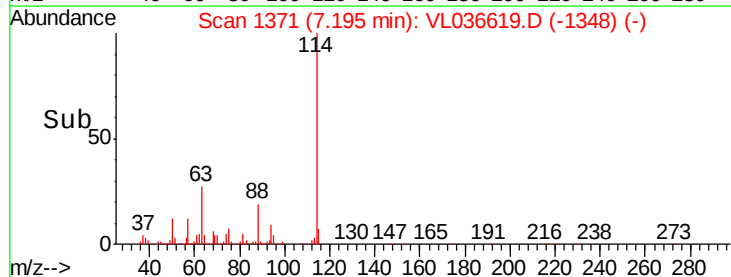
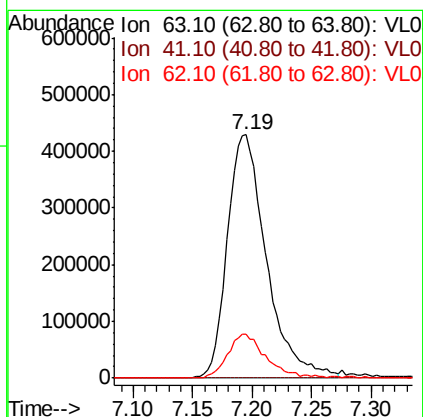
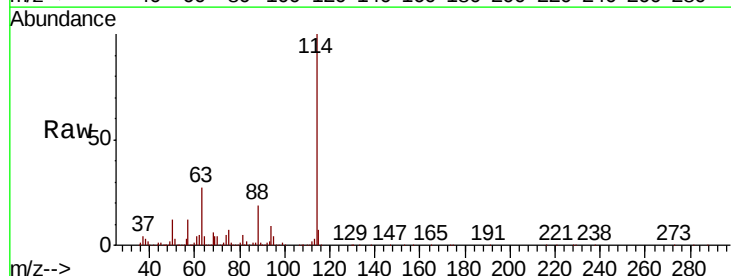
Instrument :
 MSVOA_L
 ClientSampleId :

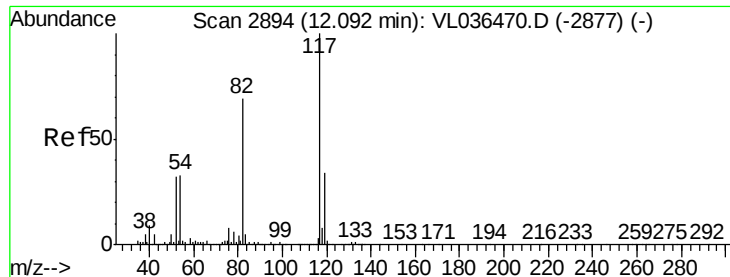
Tot Ion:114 Resp: 3633141
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.4 33.6
 88 19.2 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 7.175 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.42 min
 Lab File: VL036619.D
 Acq: 1 Apr 2021 2:46

Tgt Ion: 63 Resp: 975254
 Ion Ratio Lower Upper
 63 100
 41 0.2 62.4 93.6#
 62 17.9 52.8 79.2#

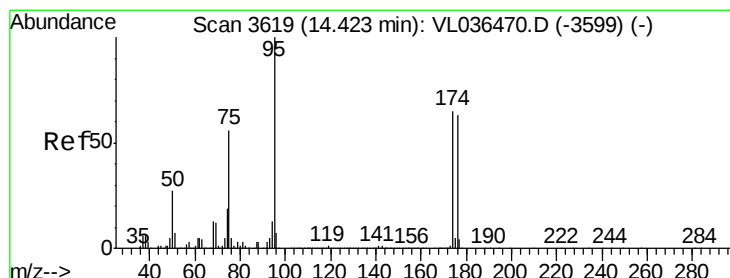
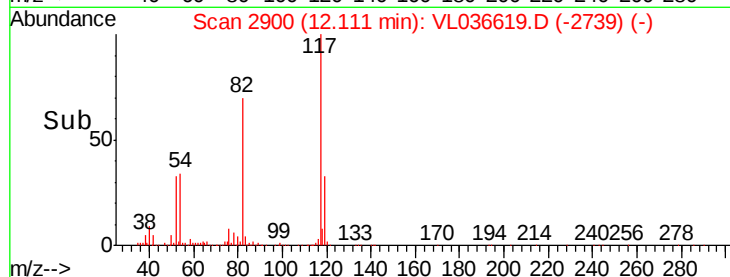
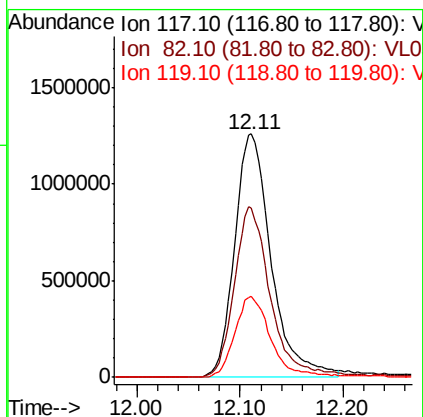
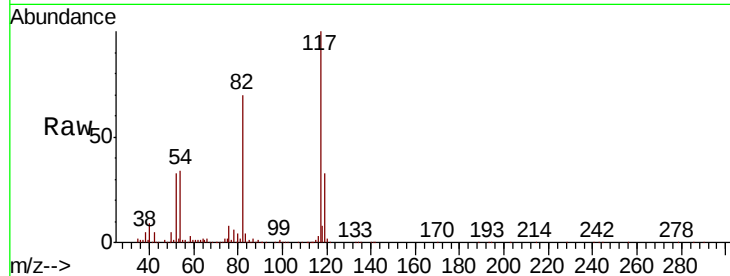




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3113301
Ion Ratio Lower Upper
117 100
82 71.0 57.4 86.0
119 33.7 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.02 min
Lab File: VL036619.D
Acq: 1 Apr 2021 2:46

Tgt Ion: 95 Resp: 2488330
Ion Ratio Lower Upper
95 100
174 64.1 51.0 76.6
175 4.7 3.9 5.9

