

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014877.D
 Acq On : 12 Mar 2020 19:02
 Operator : SY/MD
 Sample : L1884-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383897	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171960	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106847	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.26%
7) Chloroethane-d5	1.58	69	82729	40.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.56%
11) 1,1-Dichloroethene-d2	2.12	63	136132	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	3.93	46	143688	74.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.16%
24) Chloroform-d	4.38	84	232996	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.06	65	151671	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
32) Benzene-d6	5.08	84	465280	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
36) 1,2-Dichloropropane-d6	6.10	67	144705	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.34	98	444275	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.64	79	62878	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
47) 2-Hexanone-d5	8.12	63	145319	101.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202552	45.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	179405	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

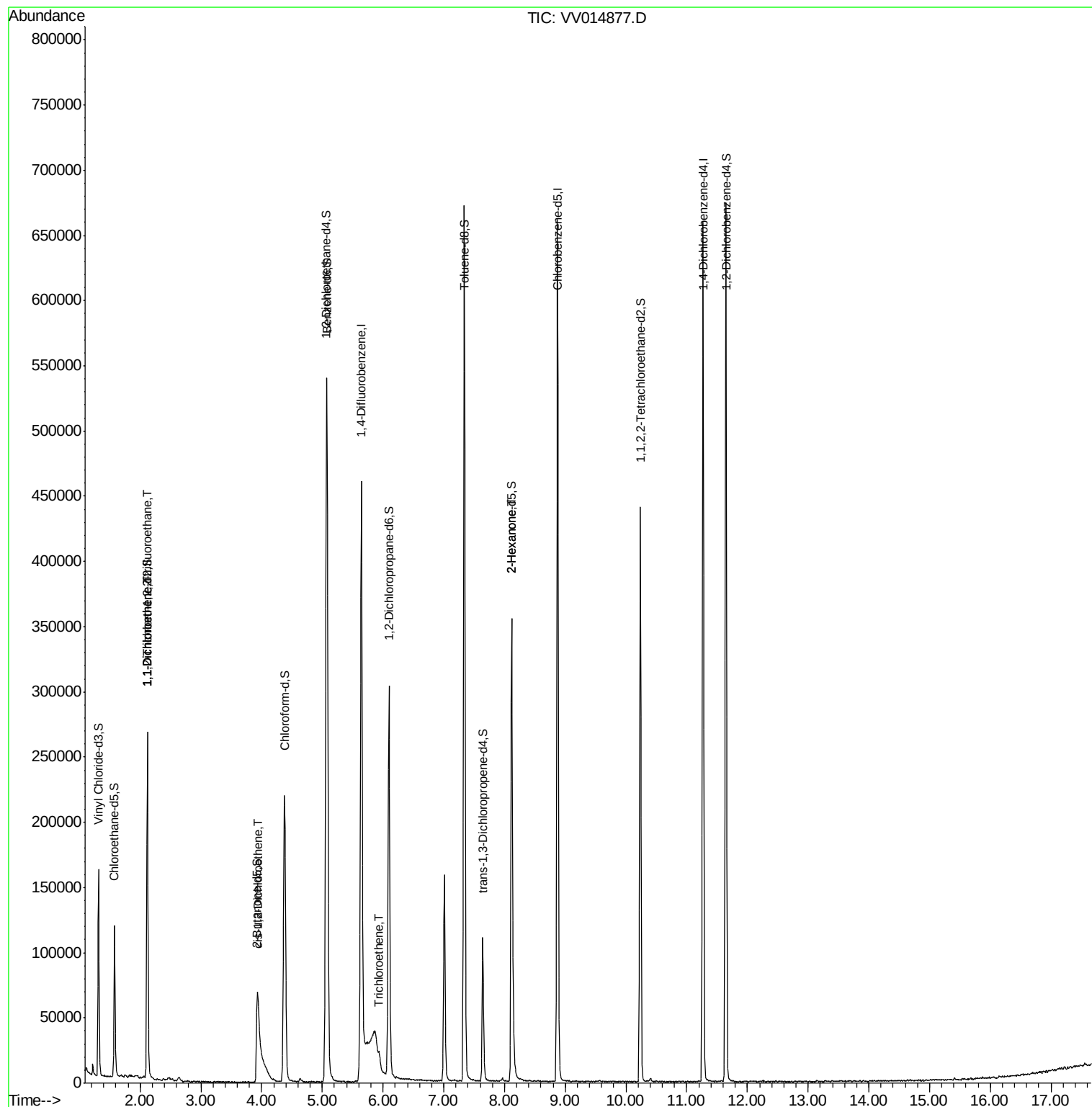
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1438	0.675 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	4298	2.061 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	4698	1.630 ug/L	81
34) Trichloroethene	5.94	95	2799	1.006 ug/L	96
48) 2-Hexanone	8.12	43	16881	5.150 ug/L #	71

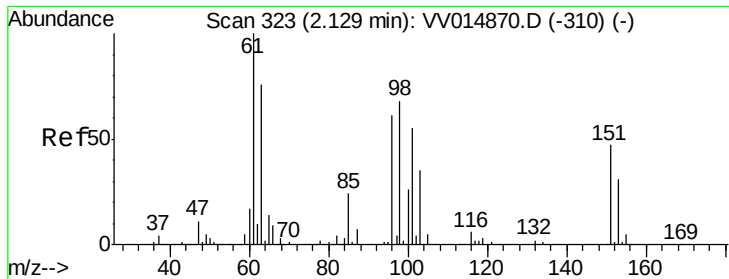
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.675 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014877.D

Acq: 12 Mar 2020 19:02

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MSVOA_V

ClientSampleId :

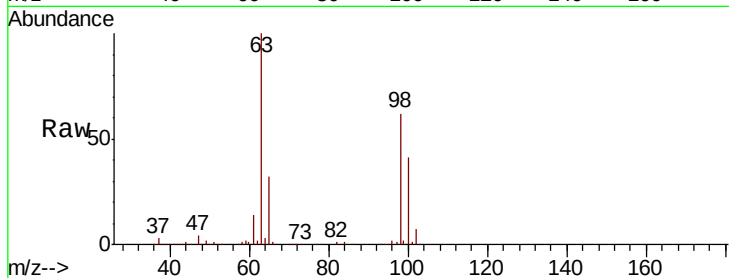
Tot Ion:101 Resp: 1438

Ion Ratio Lower Upper

101 100

85 3.2 35.0 52.6#

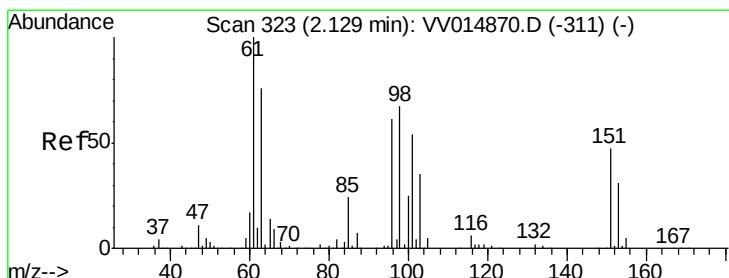
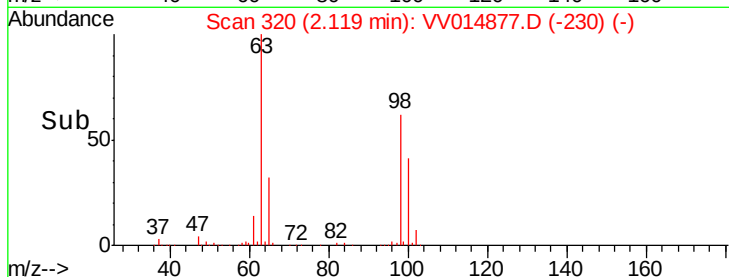
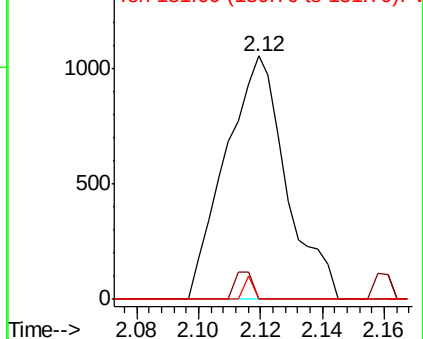
151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.061 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV014877.D

Acq: 12 Mar 2020 19:02

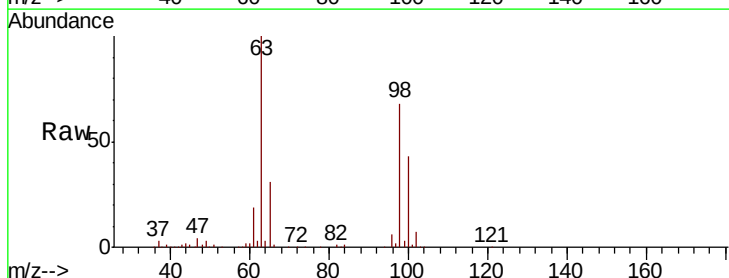
Tgt Ion: 96 Resp: 4298

Ion Ratio Lower Upper

96 100

61 340.3 118.4 220.0#

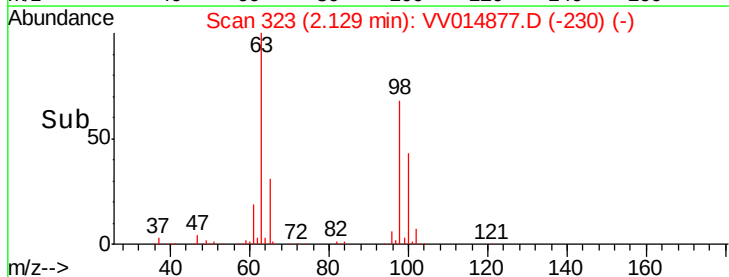
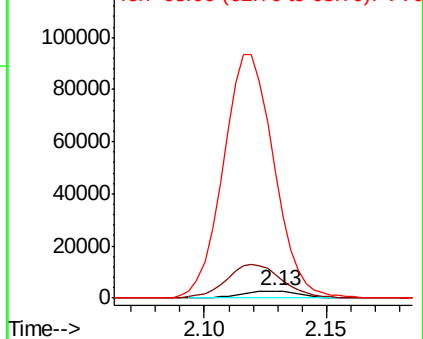
63 1810.9 88.4 164.2#

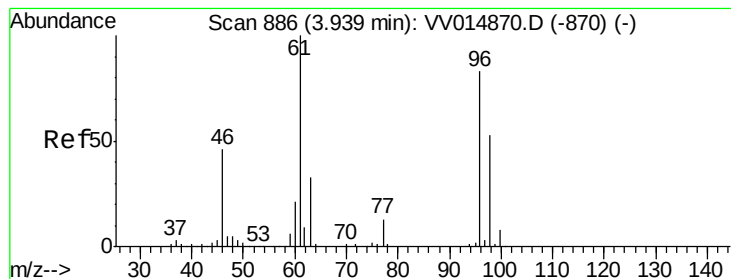


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 1.630 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV014877.D

Acq: 12 Mar 2020 19:02

Instrument :

MSVOA_V

ClientSampleId :

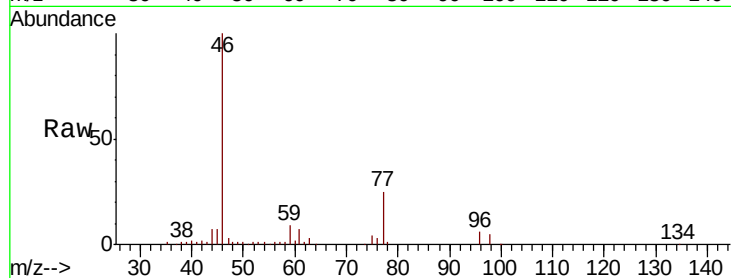
Tot Ion: 96 Resp: 4698

Ion Ratio Lower Upper

96 100

61 109.0 92.2 171.2

68 0.0 0.0 0.0

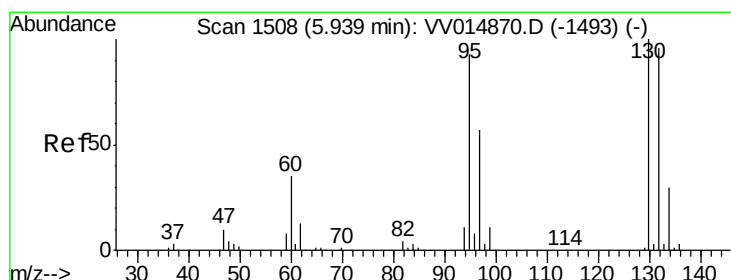
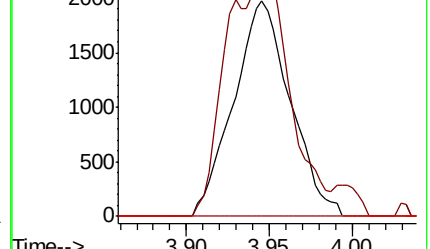
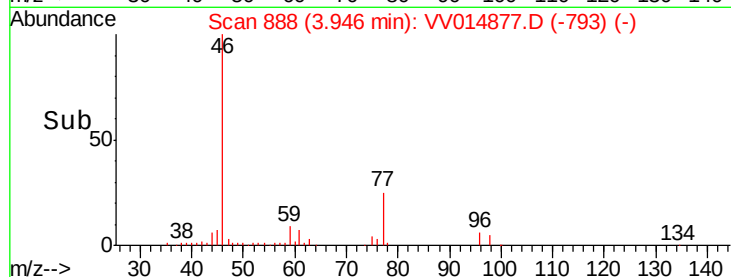


Abundance Ion 96.00 (95.70 to 96.70): VV014877.D (-870) (-)

Ion 61.00 (60.70 to 61.70): VV014877.D (-870) (-)

Ion 68.00 (67.70 to 68.70): VV014877.D (-870) (-)

Time-->



#34

Trichloroethene

Concen: 1.006 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV014877.D

Acq: 12 Mar 2020 19:02

Tgt Ion: 95 Resp: 2799

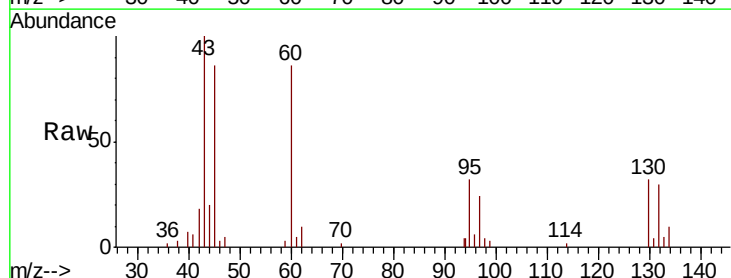
Ion Ratio Lower Upper

95 100

97 73.9 43.8 81.4

132 94.9 65.8 122.2

130 100.1 70.6 131.2



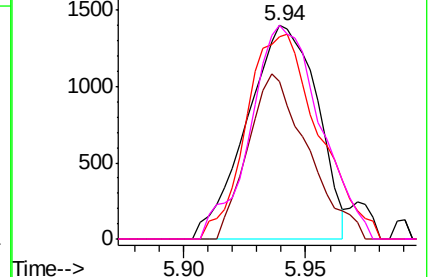
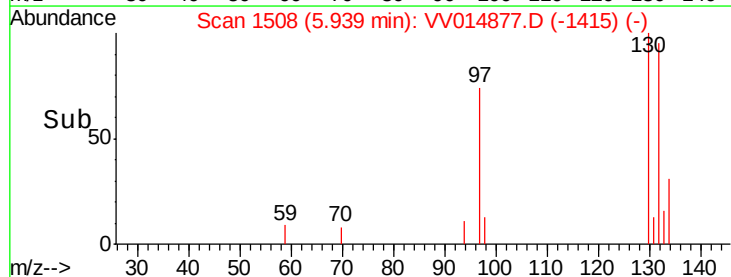
Abundance Ion 95.00 (94.70 to 95.70): VV014877.D (-1415) (-)

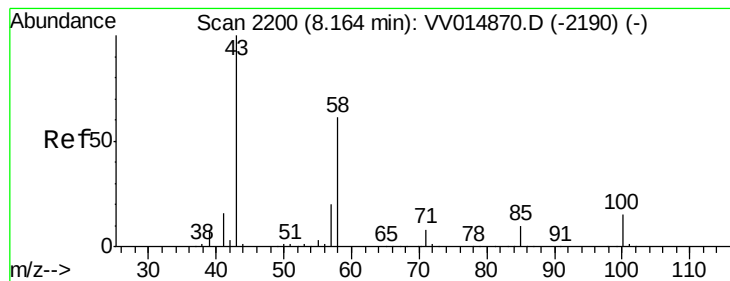
Ion 97.00 (96.70 to 97.70): VV014877.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV014877.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV014877.D (-1415) (-)

Time-->





#48

2-Hexanone

Concen: 5.150 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV014877.D

Acq: 12 Mar 2020 19:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16881

Ion Ratio Lower Upper

43 100

58 28.9 43.3 64.9#

57 26.3 15.6 23.4#

100 0.8 8.7 13.1#

