

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017195.D
 Acq On : 26 Jun 2020 20:32
 Operator : SY/MD
 Sample : L3103-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:28:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347605	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332181	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98248	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.12%
7) Chloroethane-d5	1.58	69	65235	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.12	63	149940	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.80%
21) 2-Butanone-d5	3.91	46	147820	81.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.43%
24) Chloroform-d	4.38	84	220581	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.06	65	159957	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
32) Benzene-d6	5.08	84	420043	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
36) 1,2-Dichloropropane-d6	6.09	67	124257	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.26%
41) Toluene-d8	7.34	98	381281	43.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.78%
43) trans-1,3-Dichloropropene-	7.64	79	63714	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.96%
47) 2-Hexanone-d5	8.11	63	98280	75.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165477	41.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	154286	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%

Target Compounds

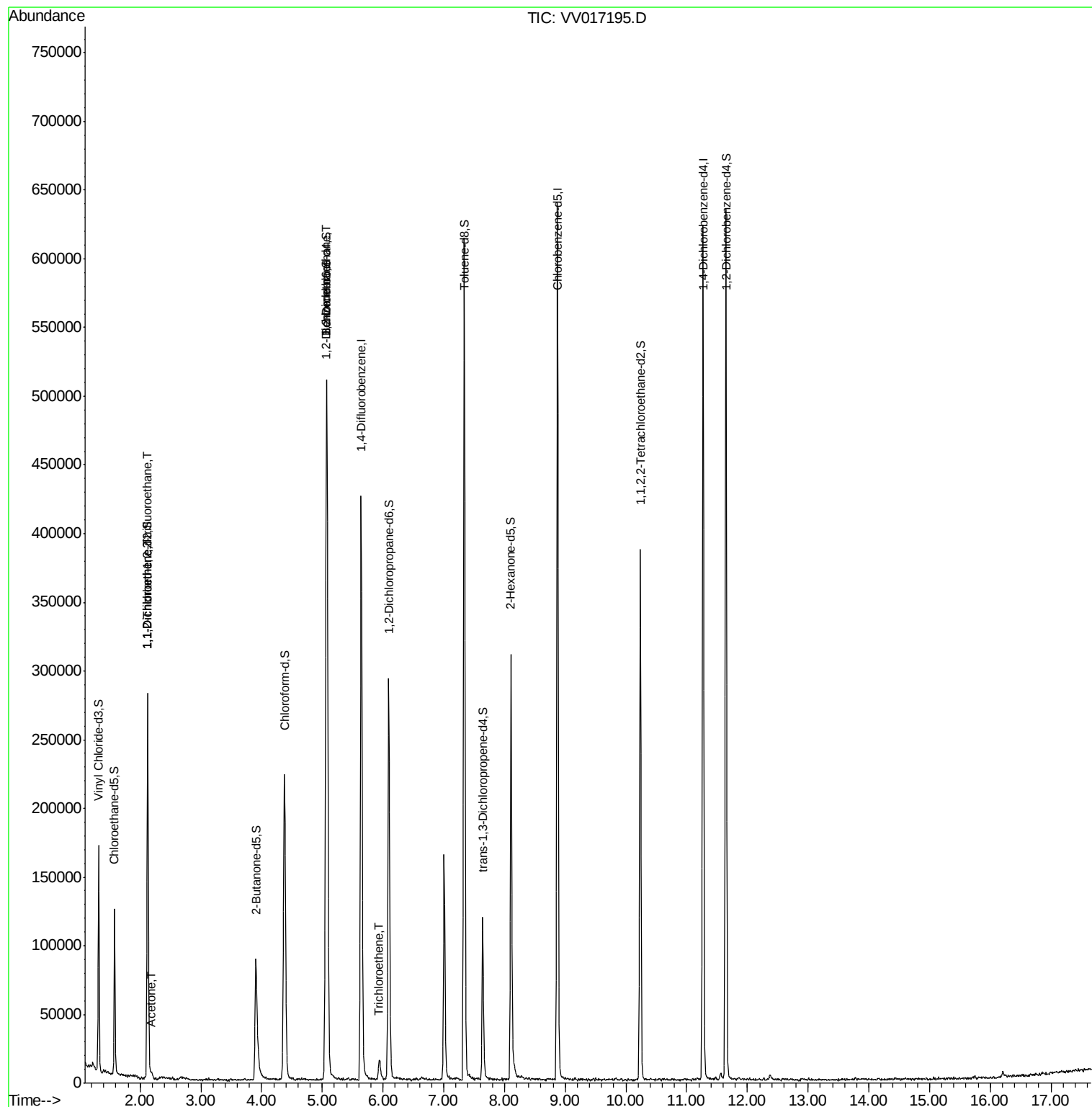
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1583	0.857 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1543	0.894 ug/L #	1
13) Acetone	2.19	43	4179	3.494 ug/L	86
27) 1,2-Dichloroethane	5.08	62	2950	0.773 ug/L	96
34) Trichloroethene	5.95	95	3211	1.218 ug/L	96

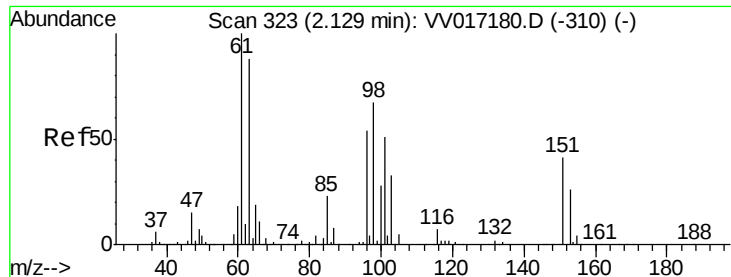
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.857 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017195.D

Acq: 26 Jun 2020 20:32

Instrument :

MSVOA_V

ClientSampled :

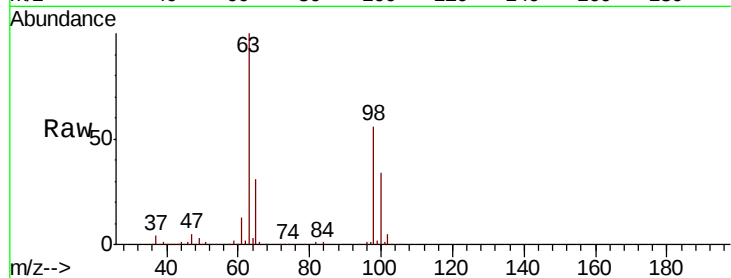
Tot Ion:101 Resp: 1583

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

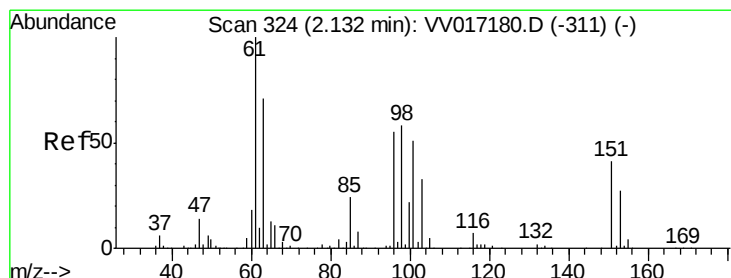
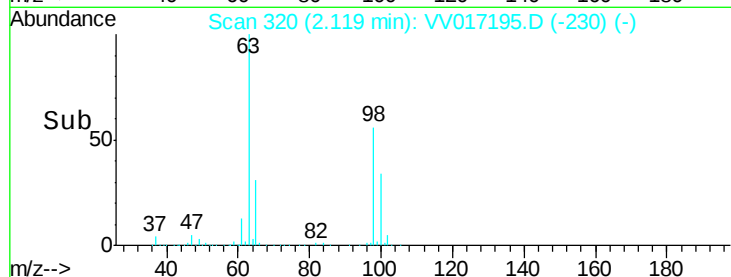
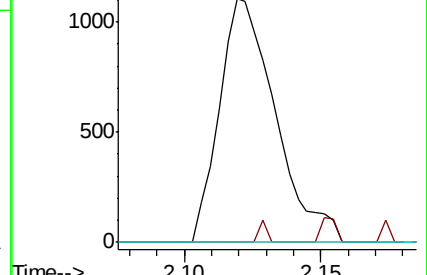
151 0.0 63.9 95.9#



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: 0.894 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017195.D

Acq: 26 Jun 2020 20:32

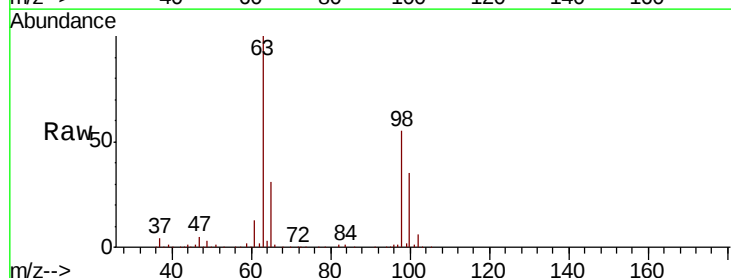
Tgt Ion: 96 Resp: 1543

Ion Ratio Lower Upper

96 100

61 1362.4 130.4 242.2#

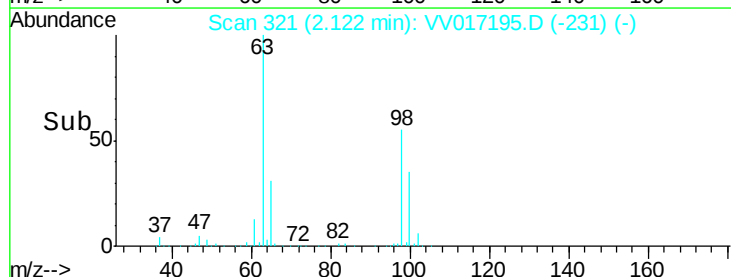
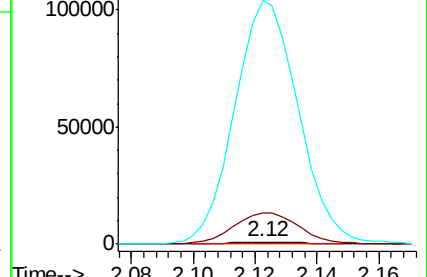
63 10471.7 103.3 191.9#

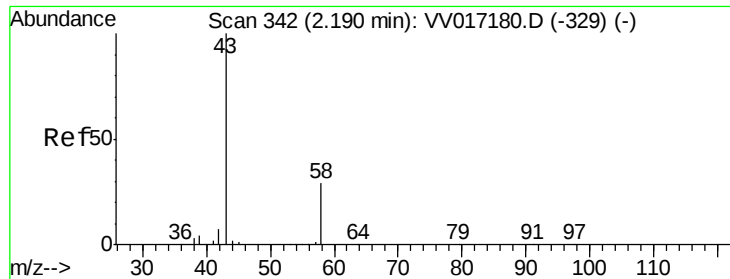


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.494 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017195.D

Acq: 26 Jun 2020 20:32

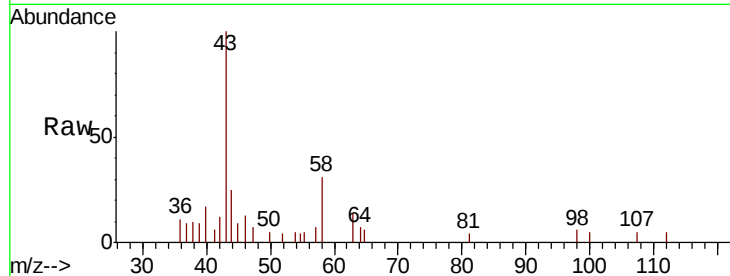
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4179

Ion Ratio Lower Upper

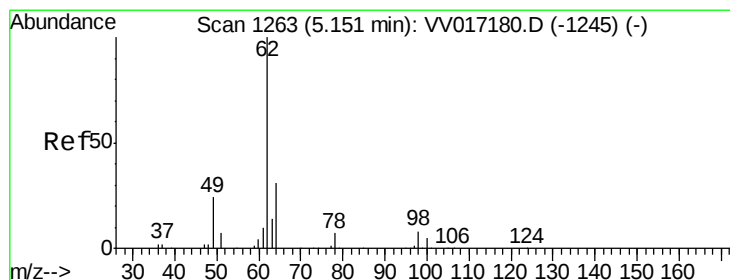
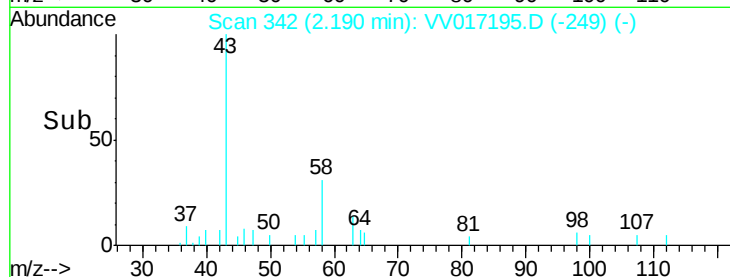
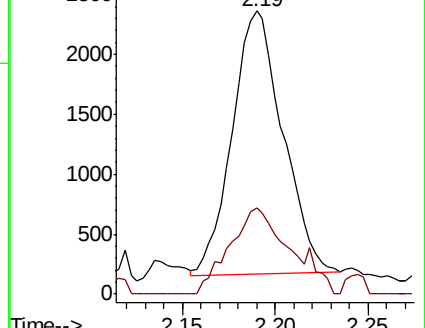
43 100

58 35.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017180.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017180.D (-329) (-)



#27

1,2-Dichloroethane

Concen: 0.773 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.07 min

Lab File: VV017195.D

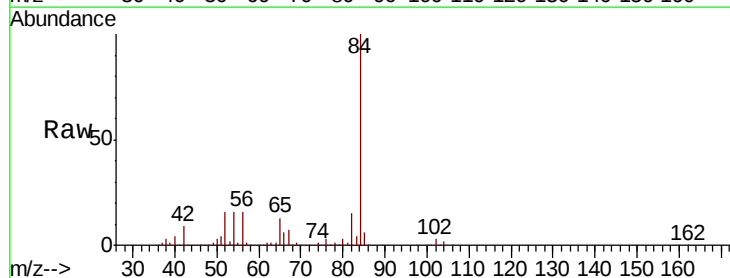
Acq: 26 Jun 2020 20:32

Tgt Ion: 62 Resp: 2950

Ion Ratio Lower Upper

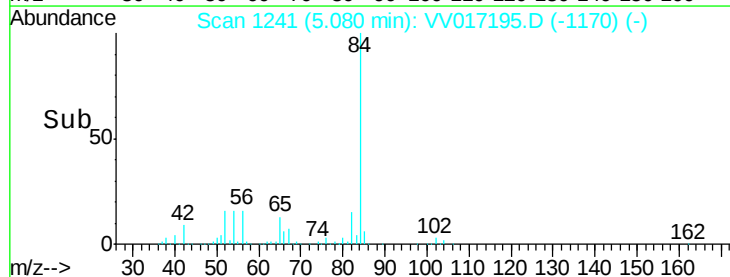
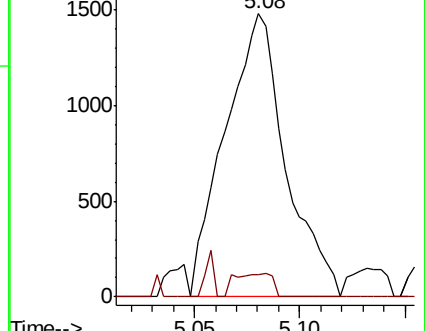
62 100

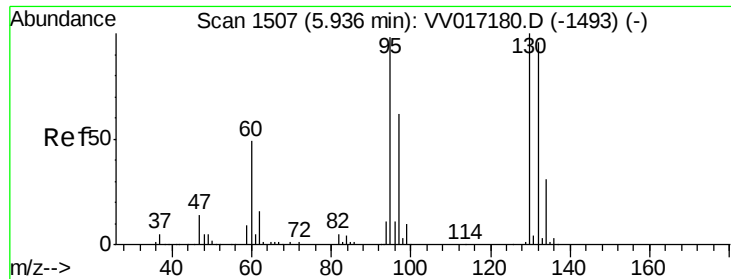
98 7.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV017180.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VV017180.D (-1245) (-)





#34

Trichloroethene

Concen: 1.218 ug/L

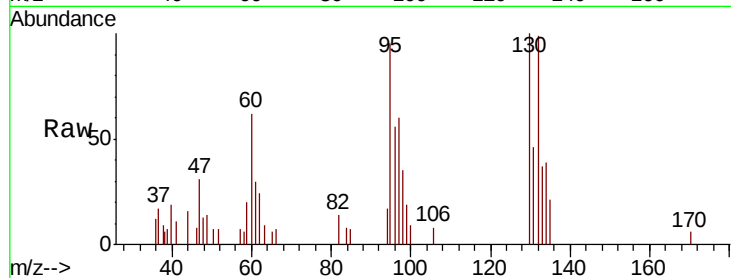
RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017195.D

Acq: 26 Jun 2020 20:32

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion: 95 Resp: 3211

Ion Ratio Lower Upper

95 100

97 63.5 44.3 82.3

132 104.4 67.9 126.1

130 105.4 72.2 134.2

