

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060919.D
 Acq On : 20 Sep 2024 02:13
 Operator : MD/SY
 Sample : P3987-17DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q7DL

Quant Time: Sep 20 05:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

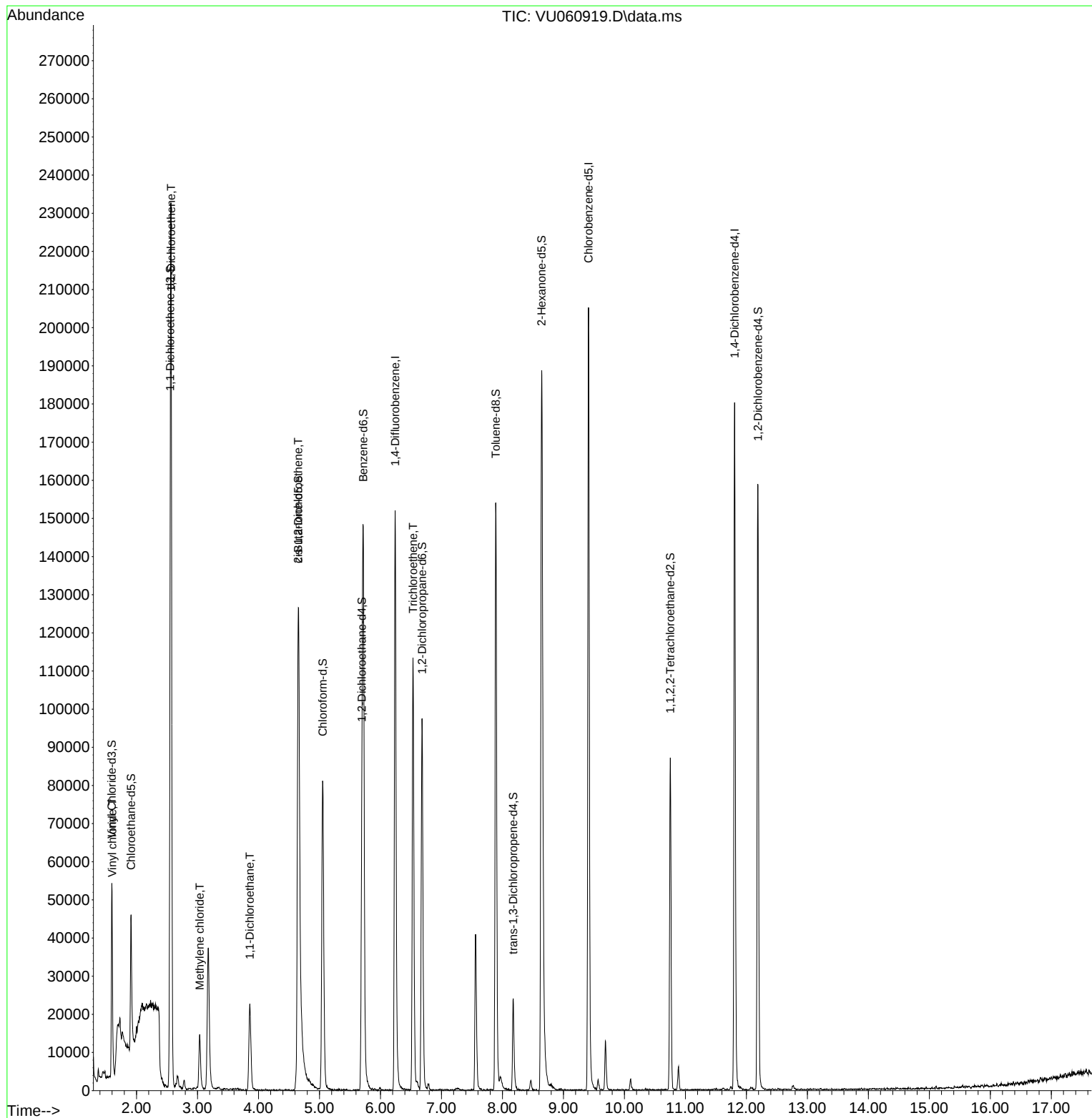
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34045	2.817	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.400%	
7) Chloroethane-d5	1.911	69	31001	3.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.000%	
11) 1,1-Dichloroethene-d2	2.554	65	14775	3.449	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	4.653	46	103004	53.085	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.160%	
24) Chloroform-d	5.052	84	84503	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.695	65	41826	4.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.717	84	150284	4.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.682	67	49672	4.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.891	98	115993	3.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.600%	
43) trans-1,3-Dichloroprop...	8.177	79	15935	4.083	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.643	63	87958	57.137	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.280%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	45857	5.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	47064	5.108	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	9053	0.781	ug/L #	79
12) 1,1-Dichloroethene	2.566	96	69441	8.215	ug/L #	74
16) Methylene chloride	3.036	84	7707	0.787	ug/L	95
19) 1,1-Dichloroethane	3.859	63	26395	1.501	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	45435	4.687	ug/L	93
34) Trichloroethene	6.534	95	39826	4.226	ug/L	92

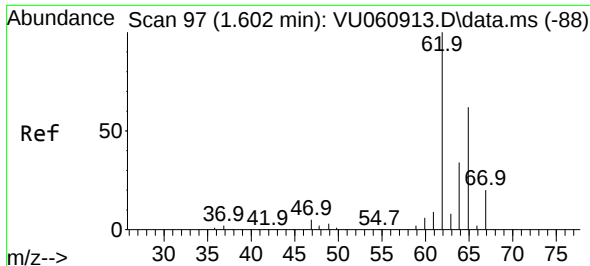
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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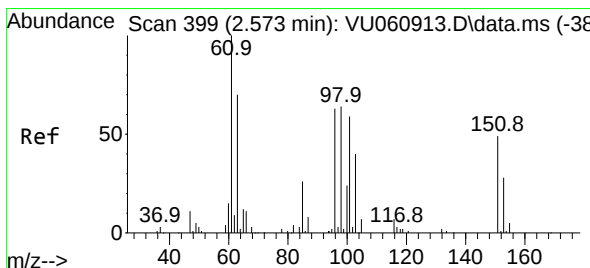
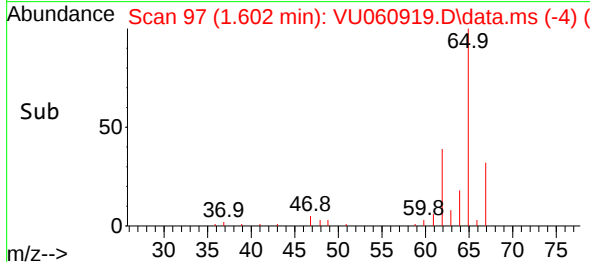
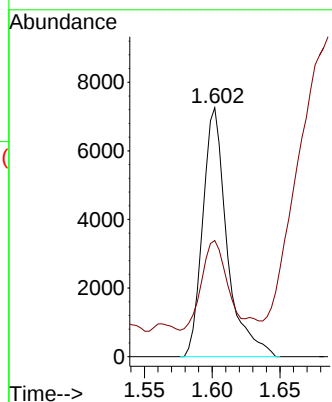
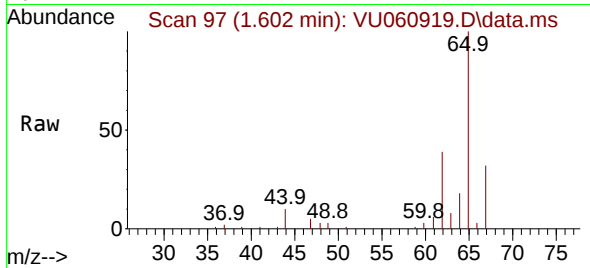




#5
 Vinyl chloride
 Concen: 0.781 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060919.D
 Acq: 20 Sep 2024 02:13

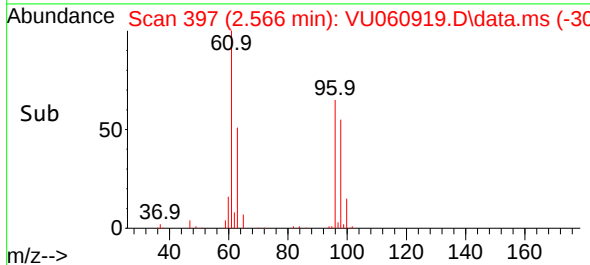
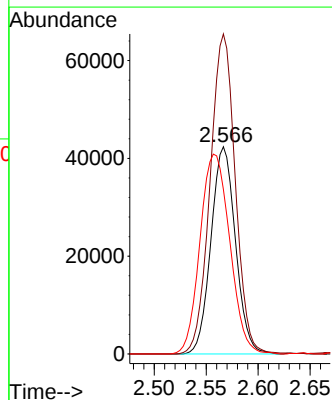
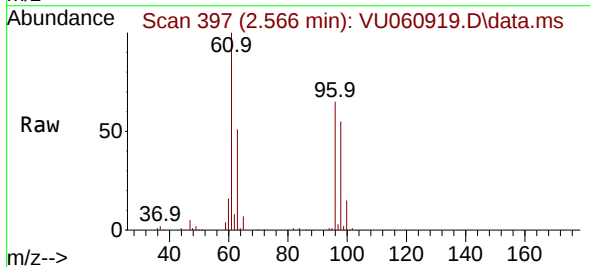
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q7DL

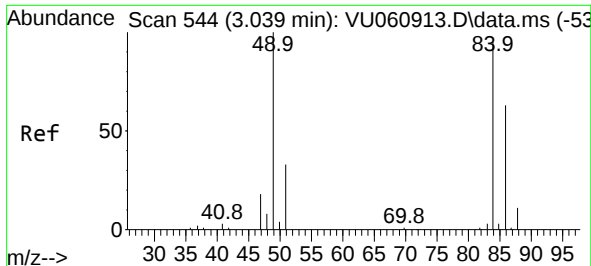
Tgt Ion: 62 Resp: 9053
 Ion Ratio Lower Upper
 62 100
 64 46.6 24.0 44.6#



#12
 1,1-Dichloroethene
 Concen: 8.215 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU060919.D
 Acq: 20 Sep 2024 02:13

Tgt Ion: 96 Resp: 69441
 Ion Ratio Lower Upper
 96 100
 61 154.4 120.7 224.1
 63 79.4 90.0 167.2#

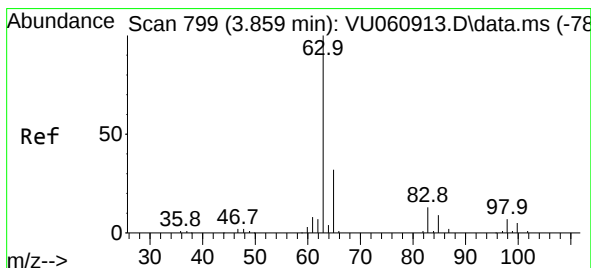
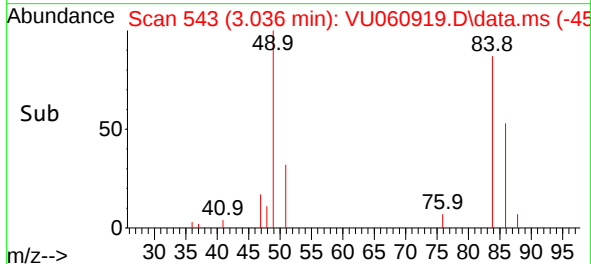
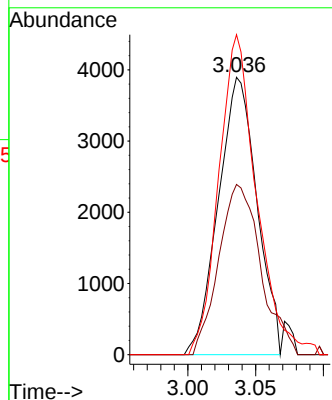
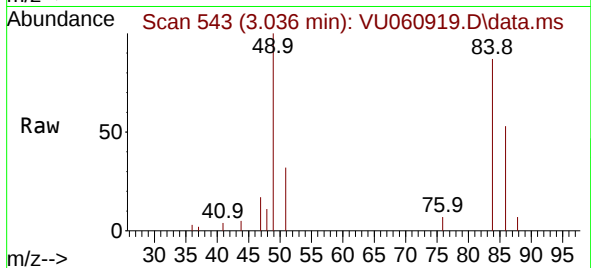




#16
Methylene chloride
Concen: 0.787 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060919.D
Acq: 20 Sep 2024 02:13

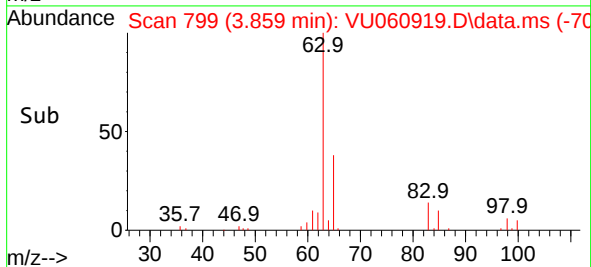
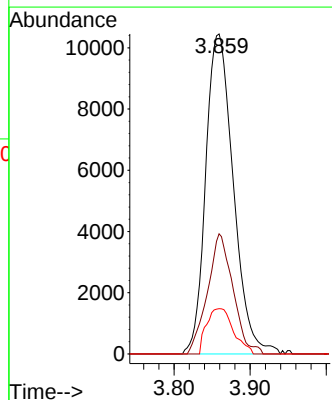
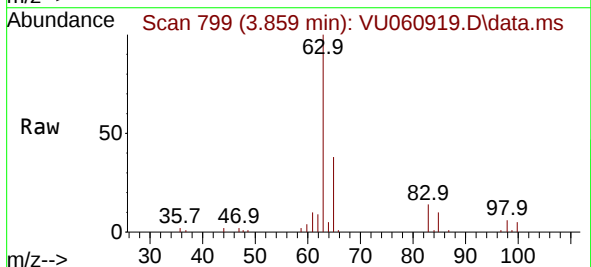
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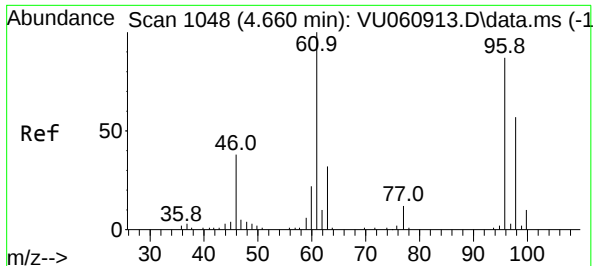
Tgt Ion: 84 Resp: 7707
Ion Ratio Lower Upper
84 100
86 61.4 47.3 87.8
49 115.3 78.7 146.1



#19
1,1-Dichloroethane
Concen: 1.501 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060919.D
Acq: 20 Sep 2024 02:13

Tgt Ion: 63 Resp: 26395
Ion Ratio Lower Upper
63 100
65 38.8 23.0 42.8
83 14.2 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 4.687 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.007 min

Lab File: VU060919.D

Acq: 20 Sep 2024 02:13

Instrument :

MSVOA_U

ClientSampleId :

BH8Q7DL

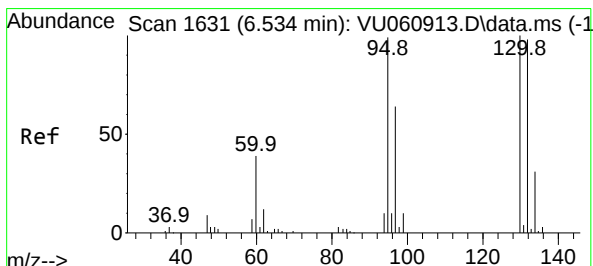
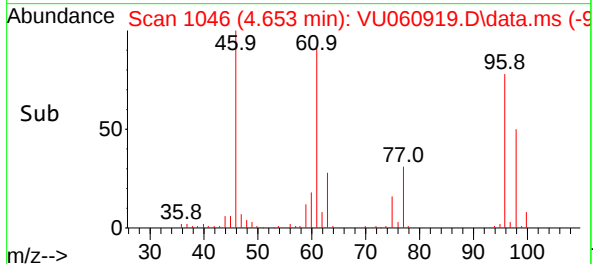
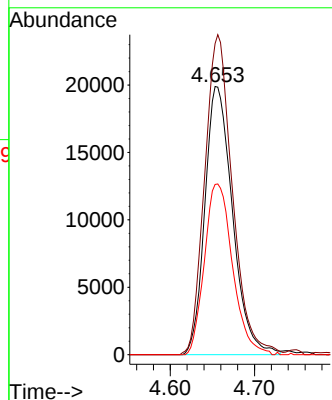
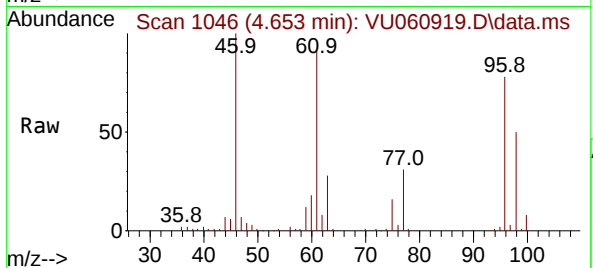
Tgt Ion: 96 Resp: 45435

Ion Ratio Lower Upper

96 100

61 116.0 89.7 166.5

98 63.5 45.1 83.9



#34

Trichloroethene

Concen: 4.226 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU060919.D

Acq: 20 Sep 2024 02:13

Tgt Ion: 95 Resp: 39826

Ion Ratio Lower Upper

95 100

97 60.7 44.9 83.5

132 104.4 63.5 117.9

130 105.8 70.2 130.4

