

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033708.D
 Acq On : 17 Jan 2024 10:37
 Operator : SY/MD
 Sample : P1062-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWK2

Quant Time: Jan 18 00:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

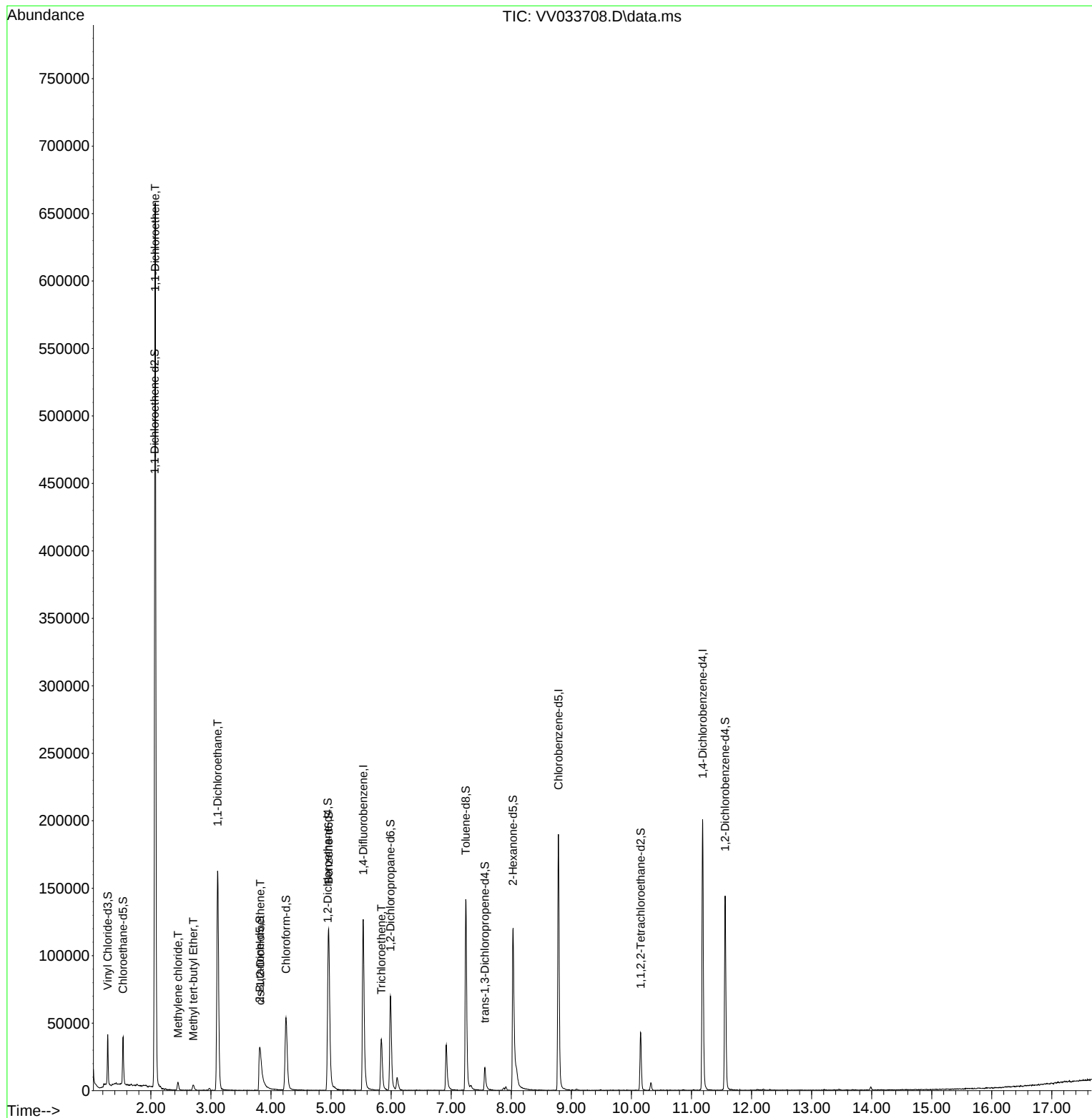
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	111499	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	102611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21933	3.597	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.535	69	21537	3.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.063	65	10859	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.812	46	64223	43.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.160%
24) Chloroform-d	4.249	84	57776	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.947	65	27413	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.960	84	108519	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.989	67	35080	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.243	98	94953	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.561	79	11058	3.875	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.027	63	45890	40.958	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21617	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	36469	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	175772	22.364	ug/L #	82
16) Methylene chloride	2.452	84	2244	0.242	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	2885	0.162	ug/L #	88
19) 1,1-Dichloroethane	3.111	63	168746	9.566	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	3345	0.360	ug/L	94
34) Trichloroethene	5.838	95	14535	1.499	ug/L	93

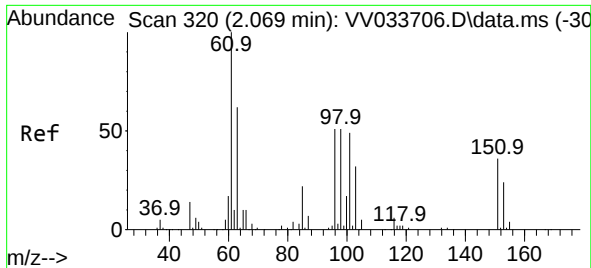
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration

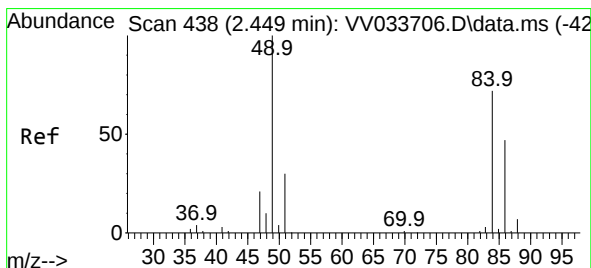
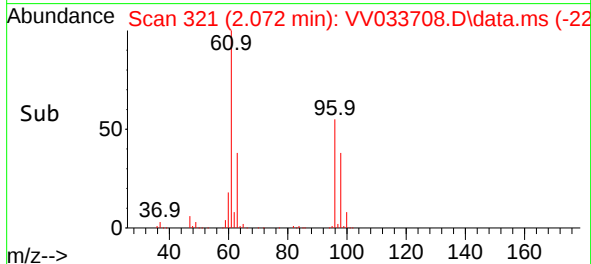
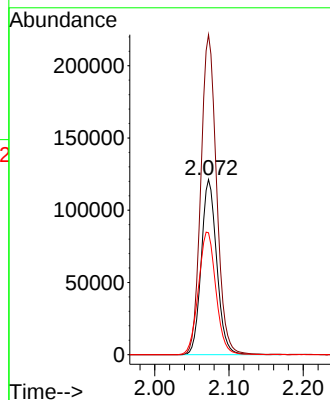
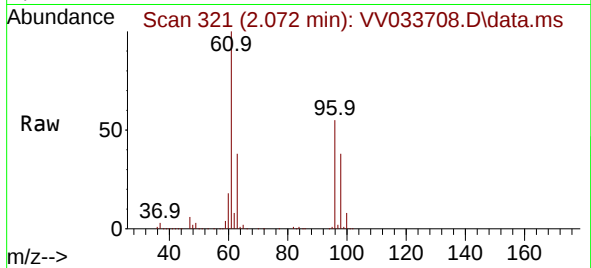




#12
1,1-Dichloroethene
Concen: 22.364 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033708.D
Acq: 17 Jan 2024 10:37

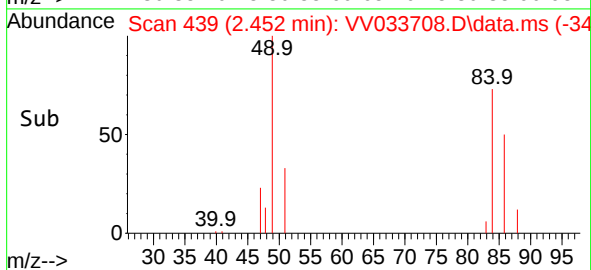
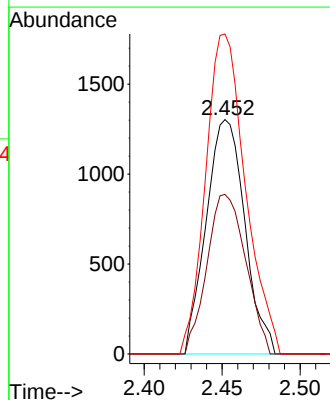
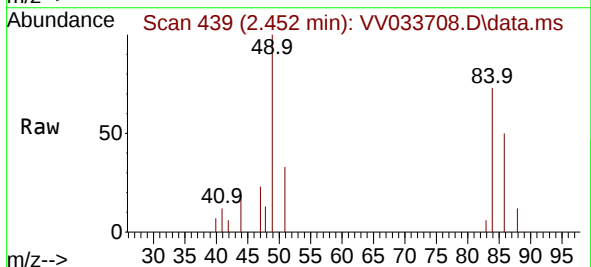
Instrument :
MSVOA_V
ClientSampleId :
BGWK2

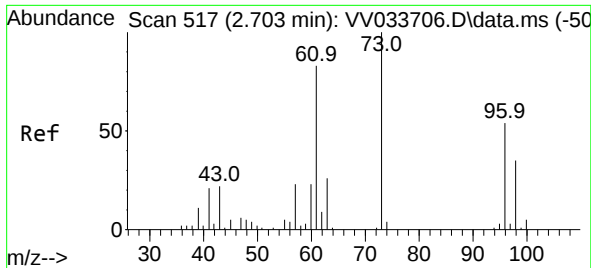
Tgt Ion: 96 Resp: 175772
Ion Ratio Lower Upper
96 100
61 182.7 133.8 248.4
63 69.7 77.2 143.4#



#16
Methylene chloride
Concen: 0.242 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV033708.D
Acq: 17 Jan 2024 10:37

Tgt Ion: 84 Resp: 2244
Ion Ratio Lower Upper
84 100
86 68.1 45.5 84.5
49 136.5 100.3 186.3





#17

Methyl tert-butyl Ether

Concen: 0.162 ug/L

RT: 2.706 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV033708.D

Acq: 17 Jan 2024 10:37

Instrument :

MSVOA_V

ClientSampleId :

BGWK2

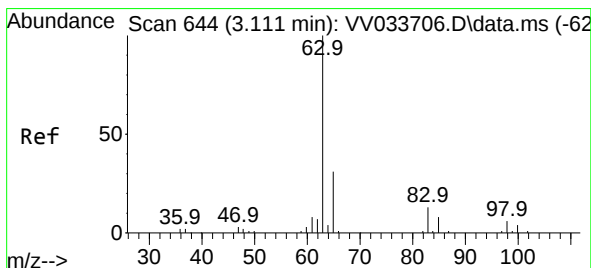
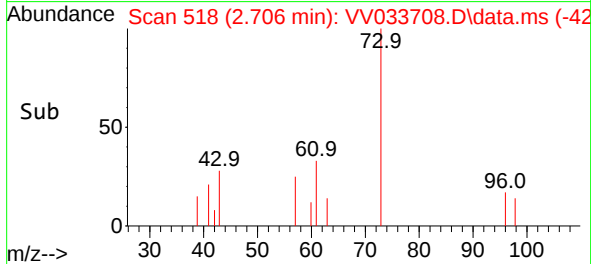
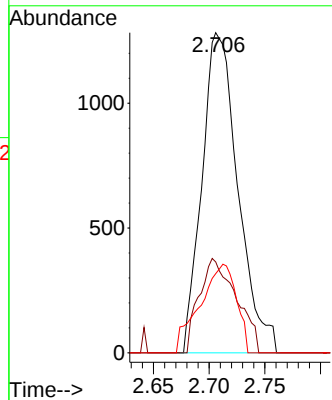
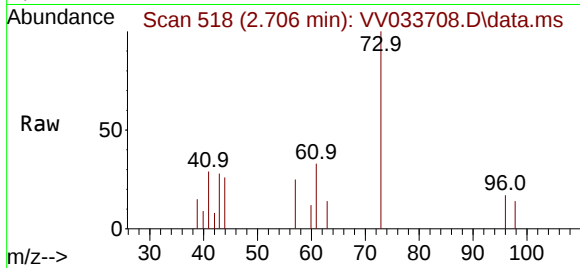
Tgt Ion: 73 Resp: 2885

Ion Ratio Lower Upper

73 100

43 30.5 17.7 26.5#

57 28.0 19.5 29.3



#19

1,1-Dichloroethane

Concen: 9.566 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033708.D

Acq: 17 Jan 2024 10:37

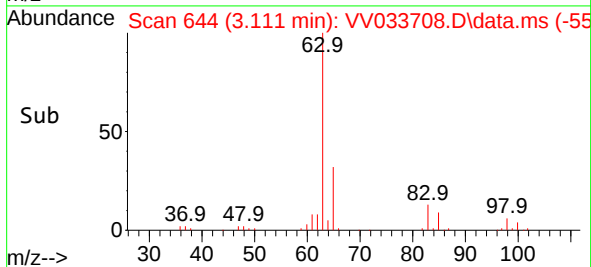
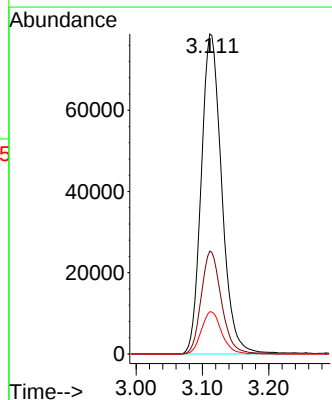
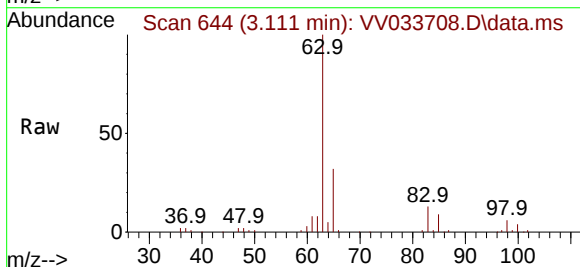
Tgt Ion: 63 Resp: 168746

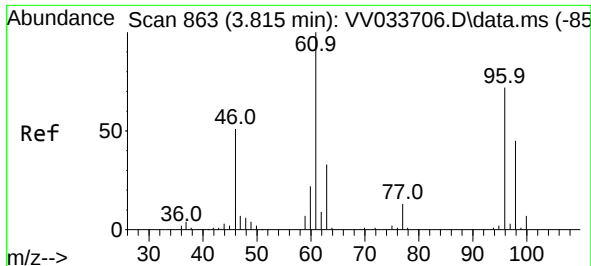
Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.2

83 13.2 9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 0.360 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV033708.D

Acq: 17 Jan 2024 10:37

Instrument :

MSVOA_V

ClientSampleId :

BGWK2

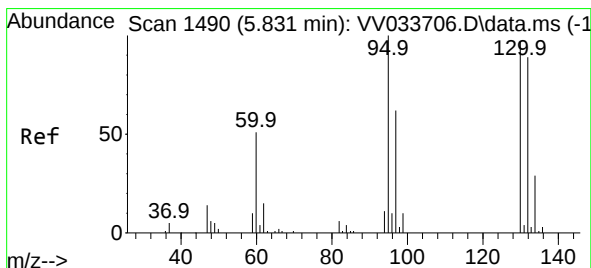
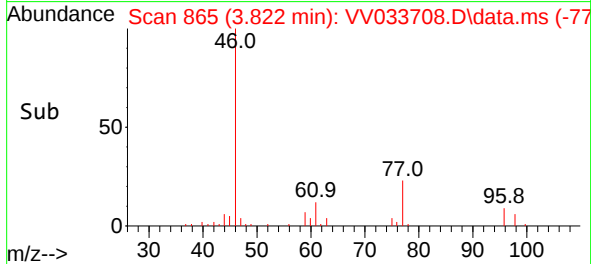
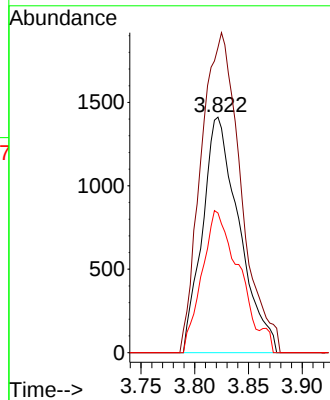
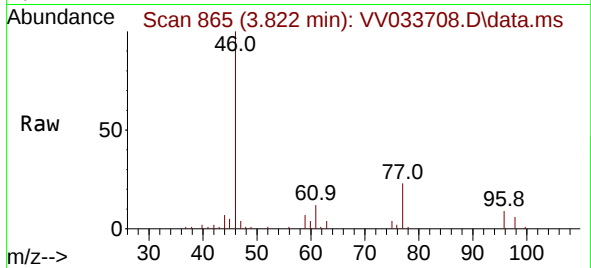
Tgt Ion: 96 Resp: 3345

Ion Ratio Lower Upper

96 100

61 129.5 97.1 180.3

98 59.3 42.6 79.0



#34

Trichloroethene

Concen: 1.499 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033708.D

Acq: 17 Jan 2024 10:37

Tgt Ion: 95 Resp: 14535

Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 89.7 65.2 121.2

130 106.9 66.0 122.6

