

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060922.D
 Acq On : 20 Sep 2024 03:26
 Operator : MD/SY
 Sample : P3987-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q7

Quant Time: Sep 20 05:57:49 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)

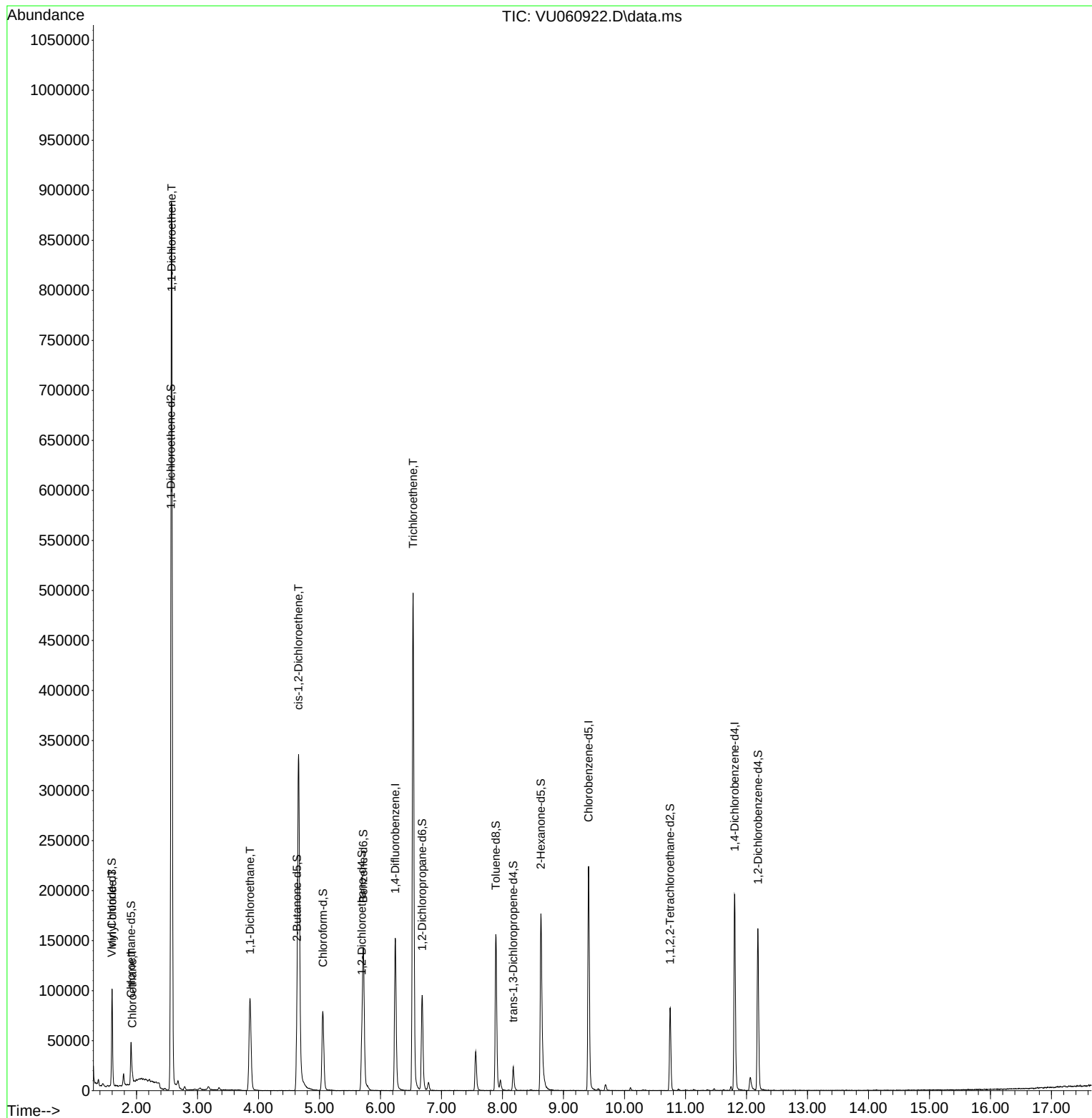
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	135977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33593	2.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.910	69	30895	3.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.563	65	13481	3.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.631	46	78516	39.990	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.980%
24) Chloroform-d	5.055	84	80074	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	39760	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.717	84	142406	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	49125	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.891	98	113895	3.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	14992	3.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.630	63	67472	39.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41740	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	47489	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	37980	3.236	ug/L	92
8) Chloroethane	1.933	64	7697	1.074	ug/L	86
12) 1,1-Dichloroethene	2.576	96	314621	36.784	ug/L #	63
19) 1,1-Dichloroethane	3.862	63	106304	5.974	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	179575	18.307	ug/L	94
34) Trichloroethene	6.534	95	174220	16.779	ug/L	94

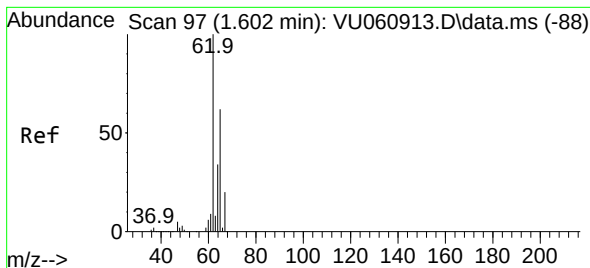
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 01:34:14 2024
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#5

Vinyl chloride

Concen: 3.236 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060922.D

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Instrument :

MSVOA_U

ClientSampleId :

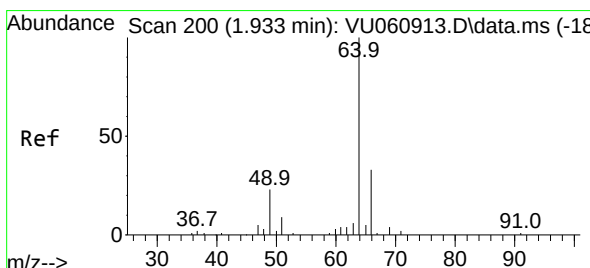
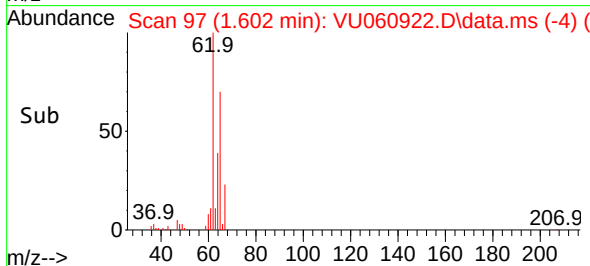
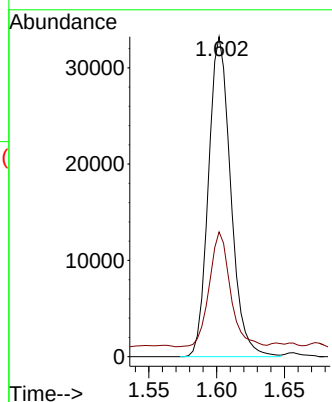
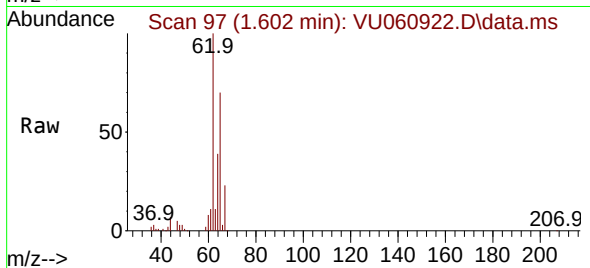
BH8Q7

Tgt Ion: 62 Resp: 37980

Ion Ratio Lower Upper

62 100

64 39.0 24.0 44.6



#8

Chloroethane

Concen: 1.074 ug/L

RT: 1.933 min Scan# 200

Delta R.T. -0.000 min

Lab File: VU060922.D

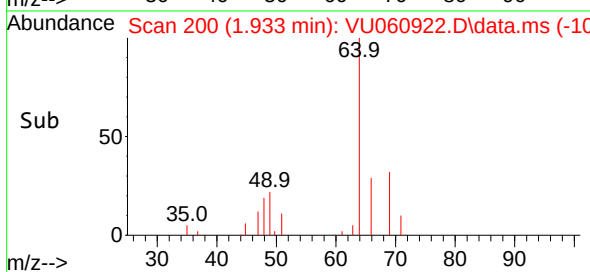
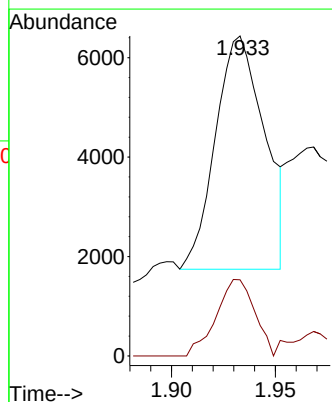
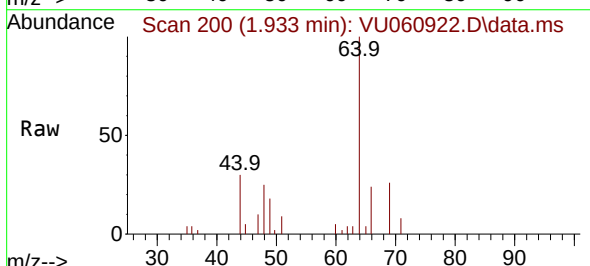
Acq: 20 Sep 2024 03:26

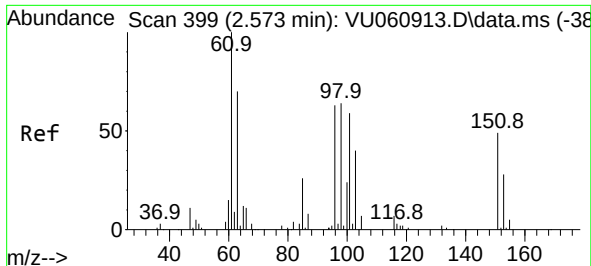
Tgt Ion: 64 Resp: 7697

Ion Ratio Lower Upper

64 100

66 23.8 22.3 41.3

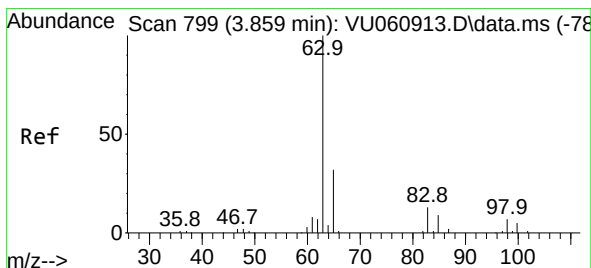
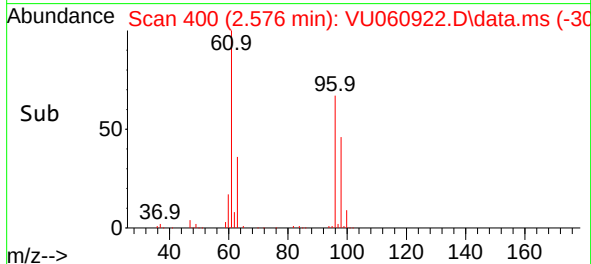
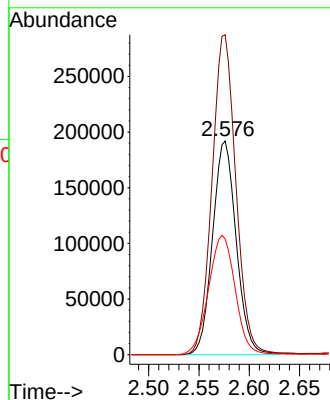
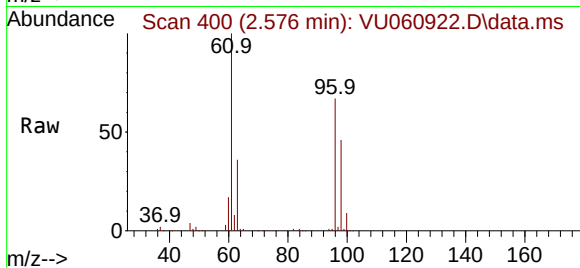




#12
1,1-Dichloroethene
Concen: 36.784 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

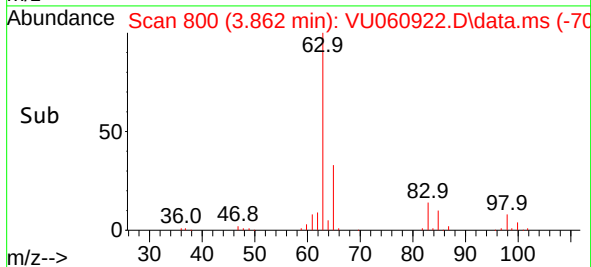
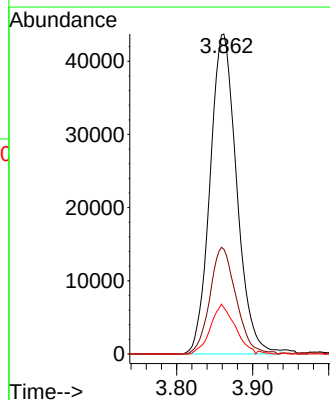
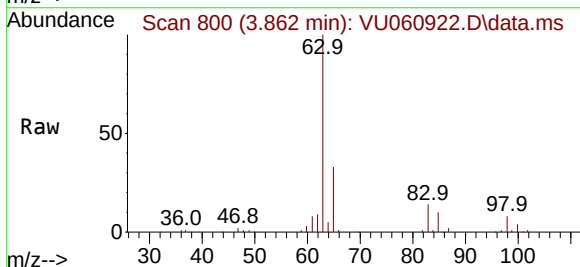
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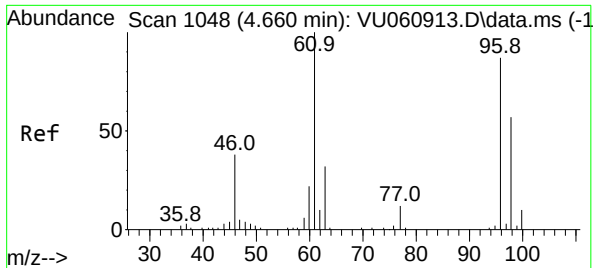
Tgt Ion: 96 Resp: 314621
Ion Ratio Lower Upper
96 100
61 149.8 120.7 224.1
63 54.2 90.0 167.2#



#19
1,1-Dichloroethane
Concen: 5.974 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

Tgt Ion: 63 Resp: 106304
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.8
83 14.5 9.0 16.6

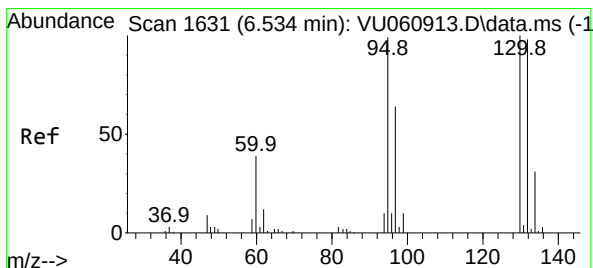
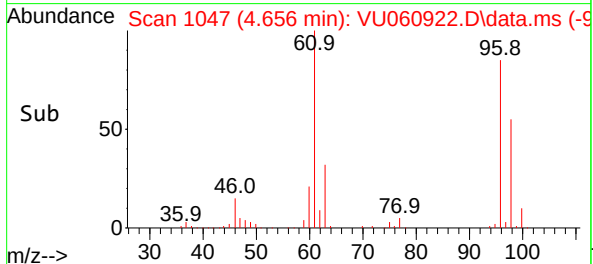
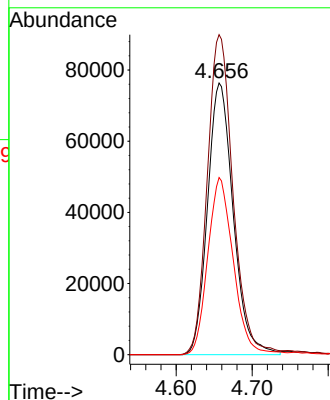
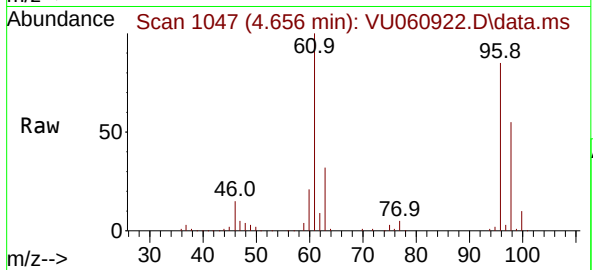




#22
cis-1,2-Dichloroethene
Concen: 18.307 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

Instrument :
MSVOA_U
ClientSampleId :
BH8Q7

Tgt Ion: 96 Resp: 179575
Ion Ratio Lower Upper
96 100
61 117.8 89.7 166.5
98 65.2 45.1 83.9



#34
Trichloroethene
Concen: 16.779 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

Tgt Ion: 95 Resp: 174220
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 101.0 63.5 117.9
130 105.9 70.2 130.4

