

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055425.D
 Acq On : 20 Sep 2023 15:17
 Operator : MD/SY
 Sample : 04380-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P4DL

Quant Time: Sep 21 00:29:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

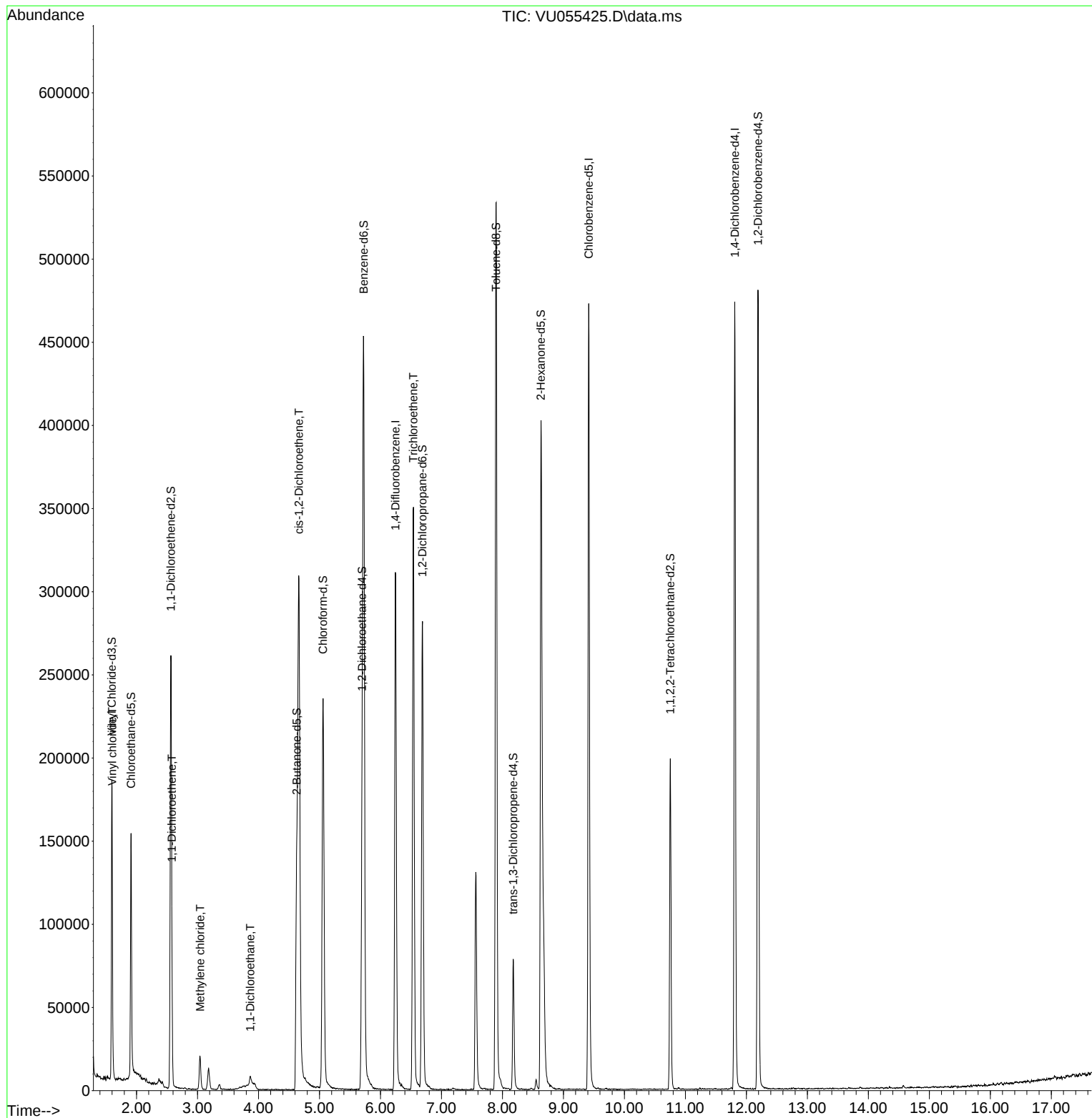
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	255975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	123619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107084	4.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.910	69	101630	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	46413	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.627	46	235320	50.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.058	84	216952	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	112394	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.724	84	438294	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.688	67	134913	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	376488	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	45150	4.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.630	63	122933	41.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96835	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	128963	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	25659	1.085	ug/L	93
12) 1,1-Dichloroethene	2.579	96	9634	0.538	ug/L	# 1
16) Methylene chloride	3.042	84	10365	0.483	ug/L	95
19) 1,1-Dichloroethane	3.865	63	4991	0.150	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	139744	6.682	ug/L	99
34) Trichloroethene	6.541	95	121456	5.673	ug/L	98

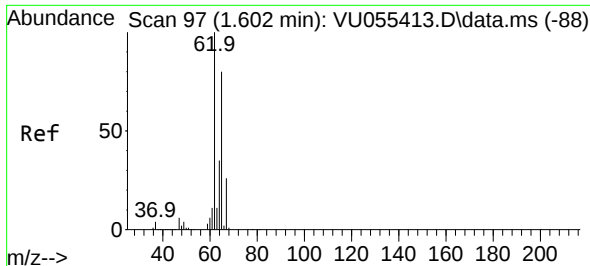
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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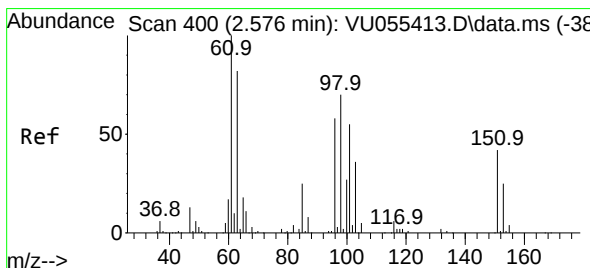
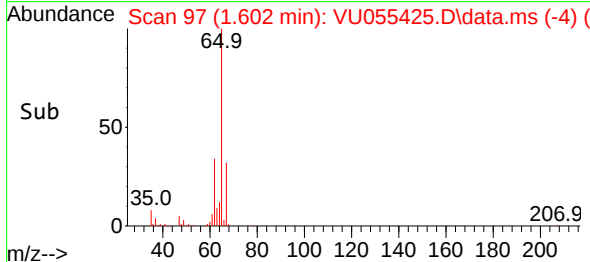
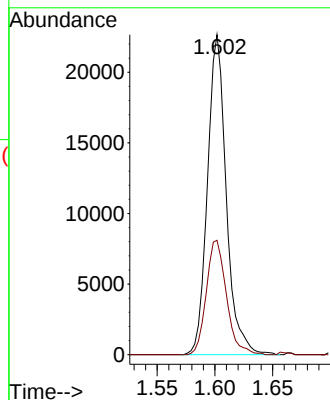
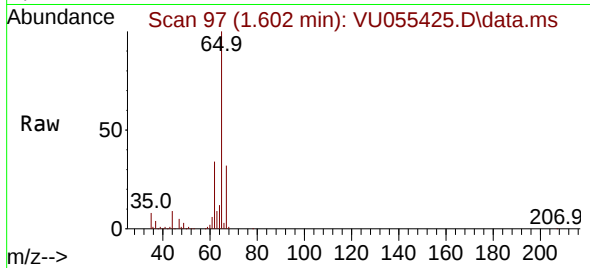




#5
 Vinyl chloride
 Concen: 1.085 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

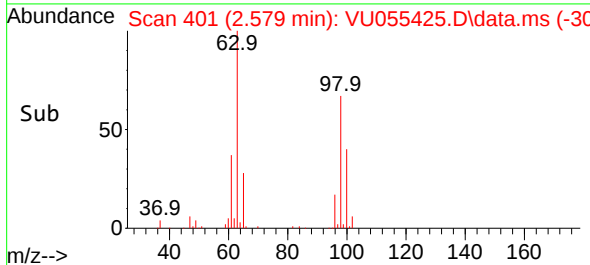
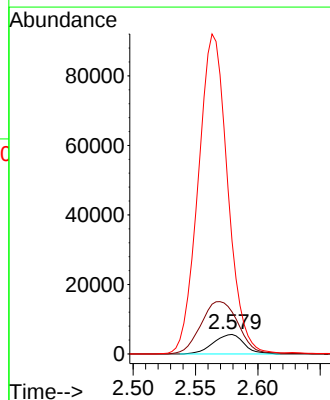
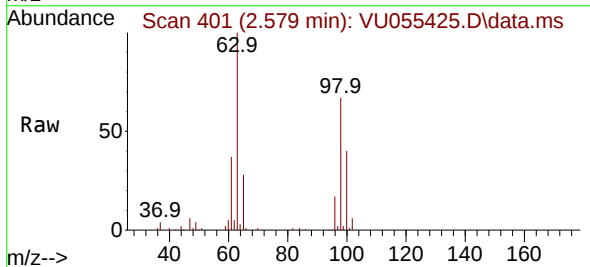
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P4DL

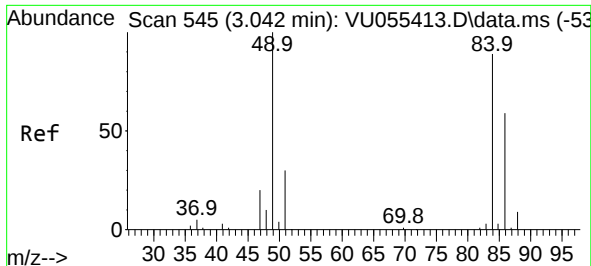
Tgt Ion: 62 Resp: 25659
 Ion Ratio Lower Upper
 62 100
 64 35.8 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.538 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

Tgt Ion: 96 Resp: 9634
 Ion Ratio Lower Upper
 96 100
 61 215.1 114.5 212.7#
 63 578.2 98.3 182.5#

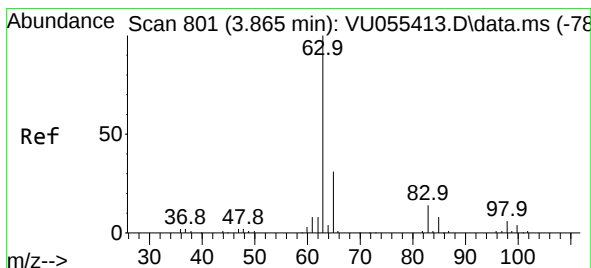
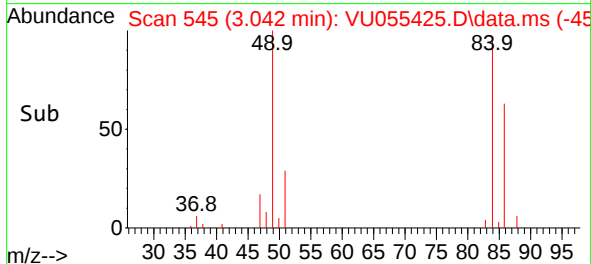
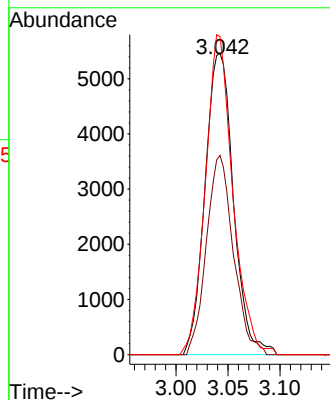
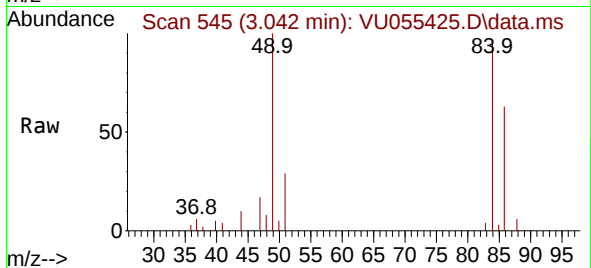




#16
Methylene chloride
Concen: 0.483 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17

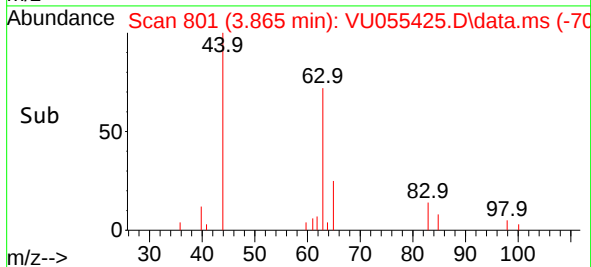
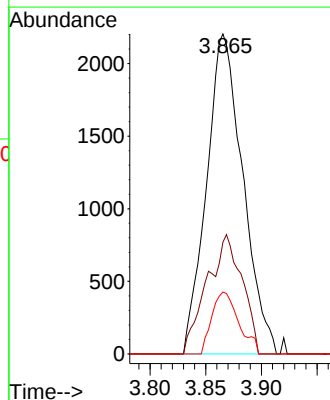
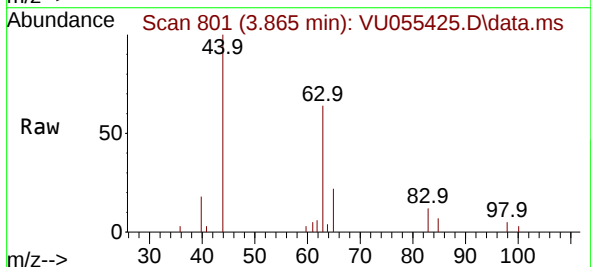
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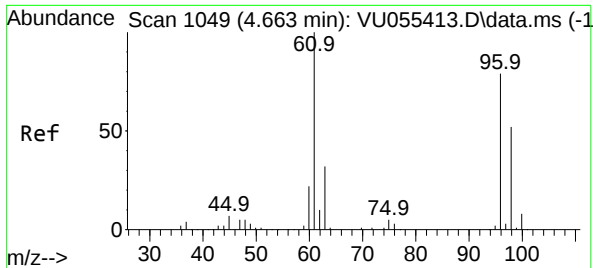
Tgt Ion: 84 Resp: 10365
Ion Ratio Lower Upper
84 100
86 66.1 44.9 83.3
49 105.5 78.8 146.3



#19
1,1-Dichloroethane
Concen: 0.150 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17

Tgt Ion: 63 Resp: 4991
Ion Ratio Lower Upper
63 100
65 33.0 22.0 41.0
83 18.3 10.1 18.9

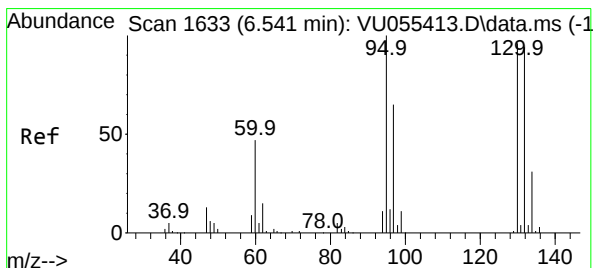
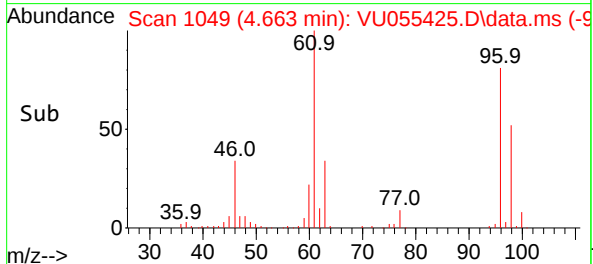
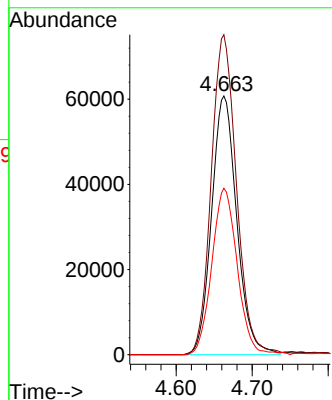
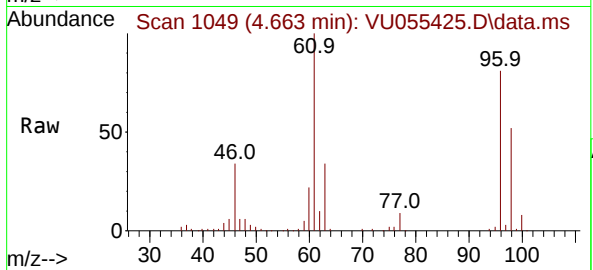




#22
 cis-1,2-Dichloroethene
 Concen: 6.682 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P4DL

Tgt Ion: 96 Resp: 139744
 Ion Ratio Lower Upper
 96 100
 61 123.7 87.8 163.2
 98 64.3 44.4 82.4



#34
 Trichloroethene
 Concen: 5.673 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

Tgt Ion: 95 Resp: 121456
 Ion Ratio Lower Upper
 95 100
 97 63.9 45.4 84.2
 132 92.1 65.2 121.2
 130 94.9 69.1 128.3

