

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055526.D
 Acq On : 26 Sep 2023 19:03
 Operator : MD/SY
 Sample : 04530-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:52:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

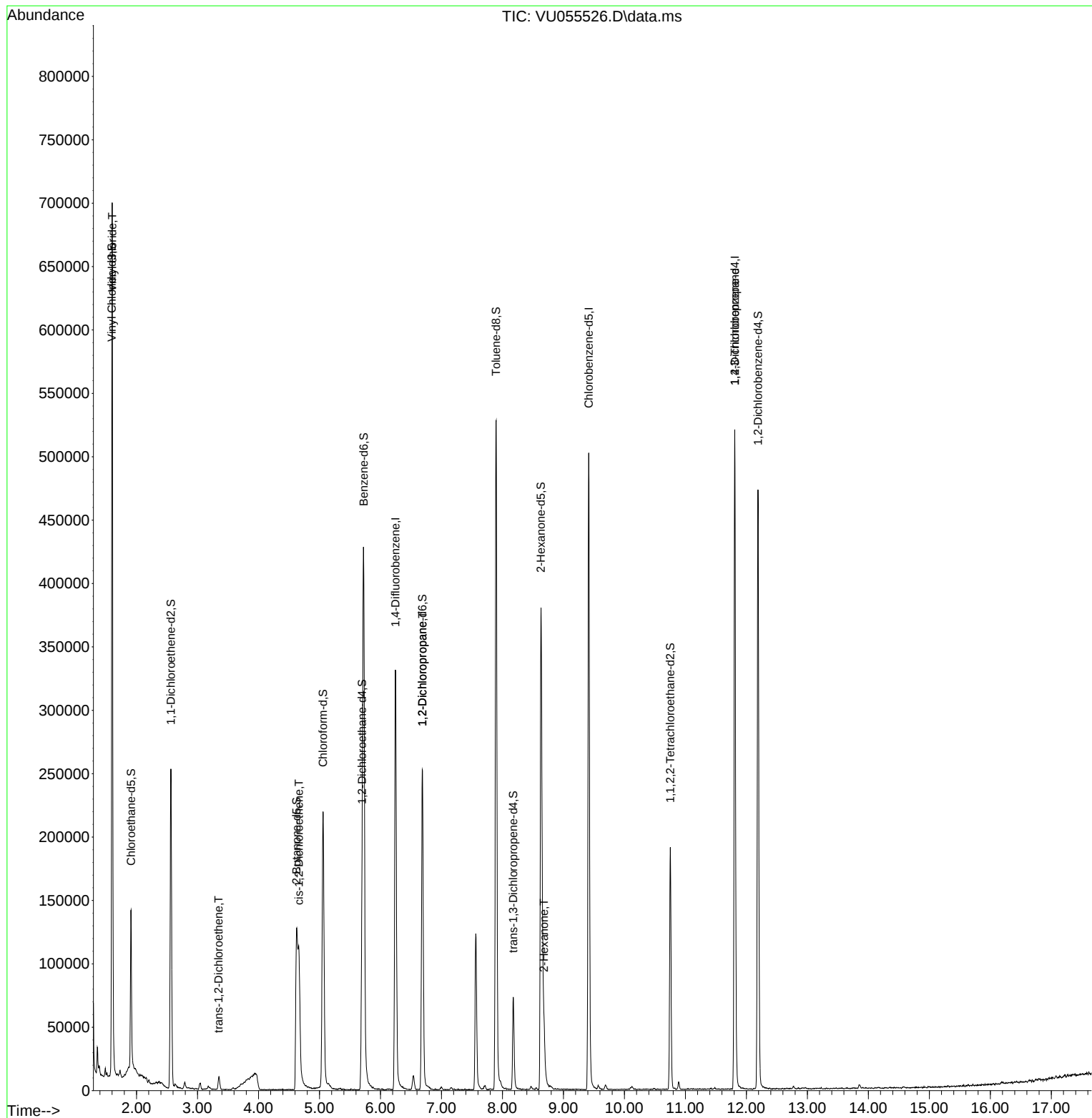
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	280481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	145075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	119848	4.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	87265	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.563	65	48463	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.624	46	208905	40.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	5.058	84	210799	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.698	65	101541	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.724	84	426134	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.688	67	130015	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.897	98	372080	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.177	79	45497	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.631	63	122123	37.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.760%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96564	4.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	128747	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	397140	15.324	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	4219	0.213	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	43919	1.916	ug/L	99
37) 1,2-Dichloropropane	6.688	63	13074	0.593	ug/L #	89
48) 2-Hexanone	8.682	43	25917	3.344	ug/L #	84
61) 1,2,3-Trichloropropane	11.810	75	17218	1.520	ug/L #	65

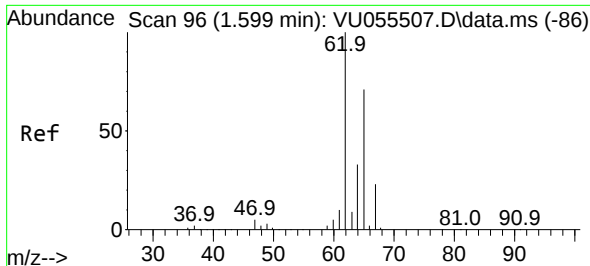
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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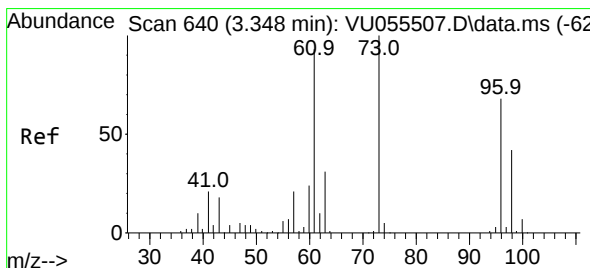
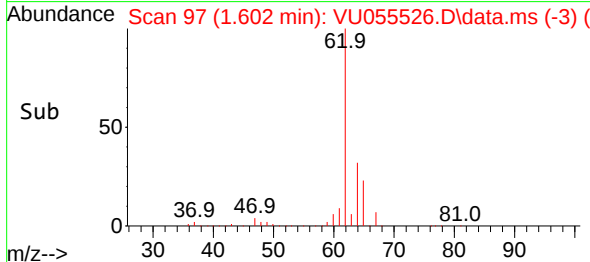
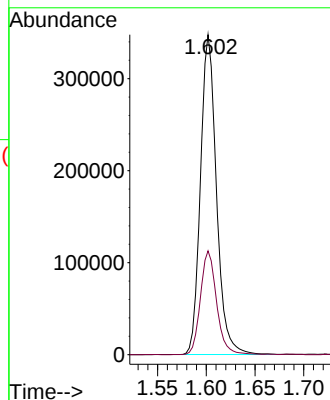
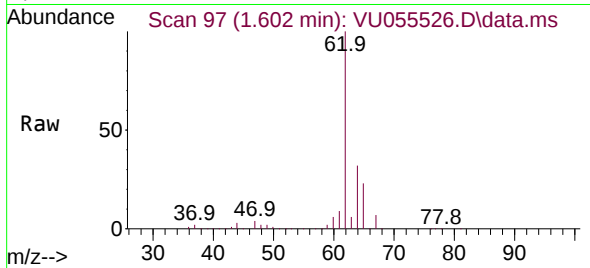




#5
 Vinyl chloride
 Concen: 15.324 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055526.D
 Acq: 26 Sep 2023 19:03

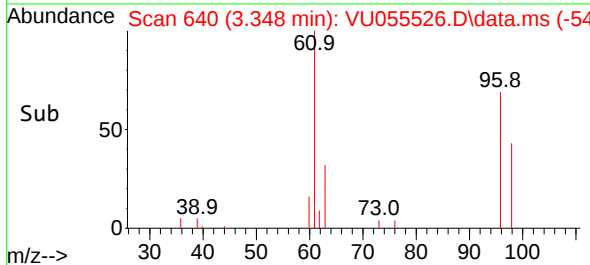
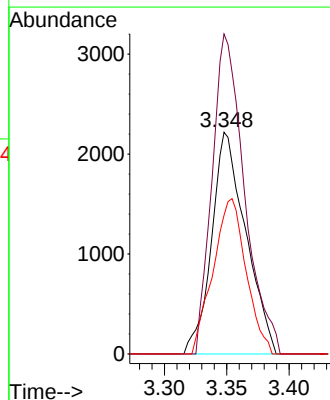
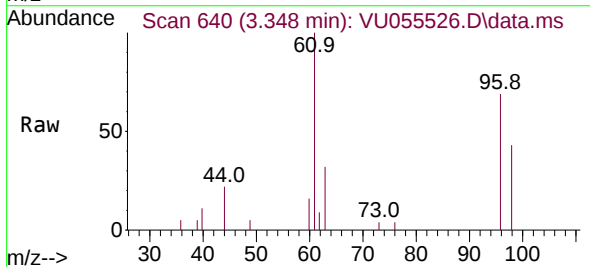
Instrument :
 MSVOA_U
 ClientSampleId :

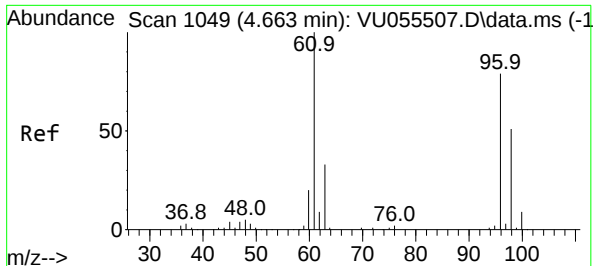
Tgt Ion: 62 Resp: 397140
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.213 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VU055526.D
 Acq: 26 Sep 2023 19:03

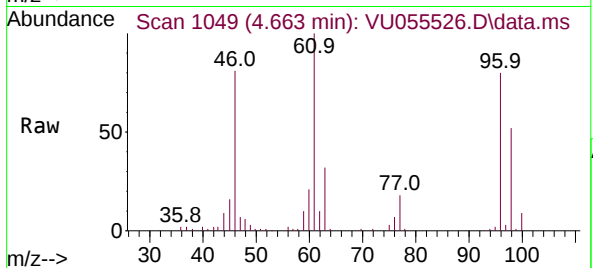
Tgt Ion: 96 Resp: 4219
 Ion Ratio Lower Upper
 96 100
 61 144.3 94.6 175.6
 98 62.6 45.7 84.9



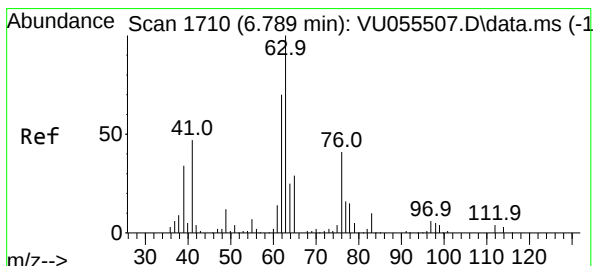
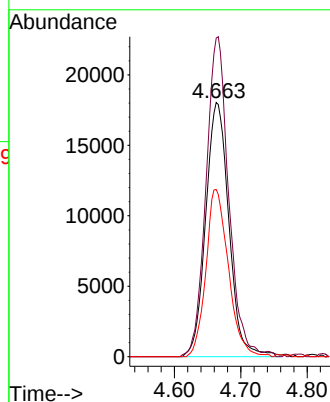
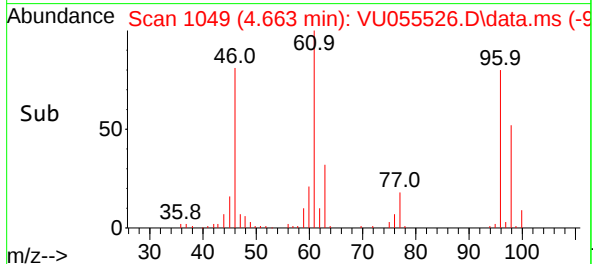


#22
 cis-1,2-Dichloroethene
 Concen: 1.916 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055526.D
 Acq: 26 Sep 2023 19:03

Instrument :
 MSVOA_U
 ClientSampleId :

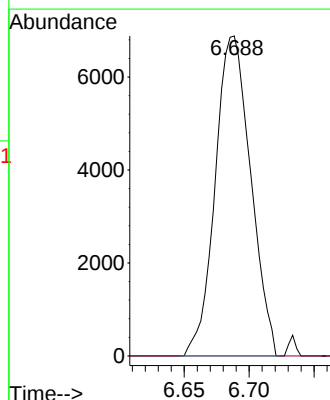
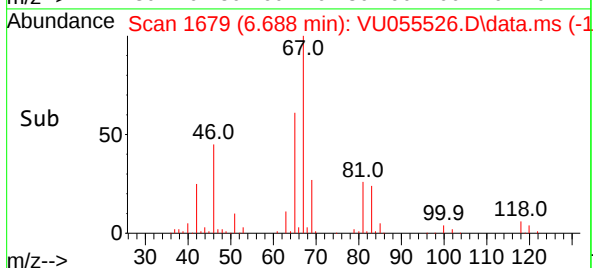
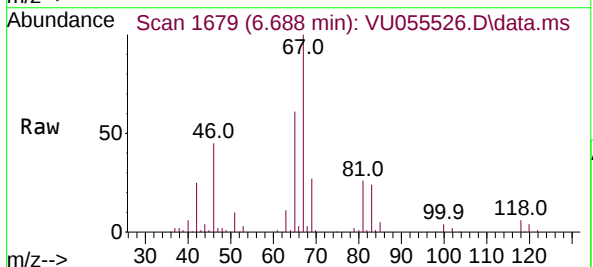


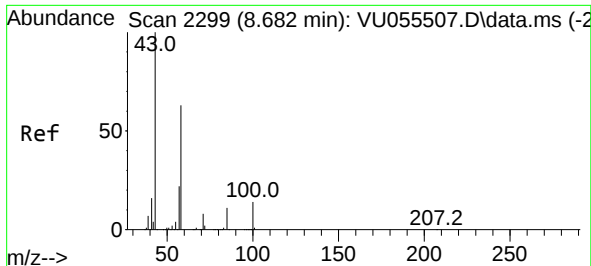
Tgt Ion: 96 Resp: 43919
 Ion Ratio Lower Upper
 96 100
 61 125.3 87.8 163.2
 98 65.8 44.4 82.4



#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.100 min
 Lab File: VU055526.D
 Acq: 26 Sep 2023 19:03

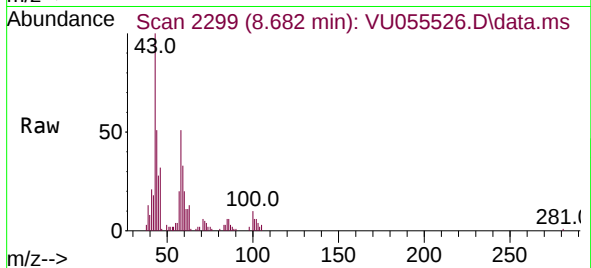
Tgt Ion: 63 Resp: 13074
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.0 4.6#



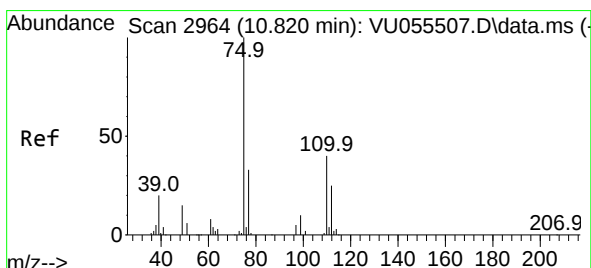
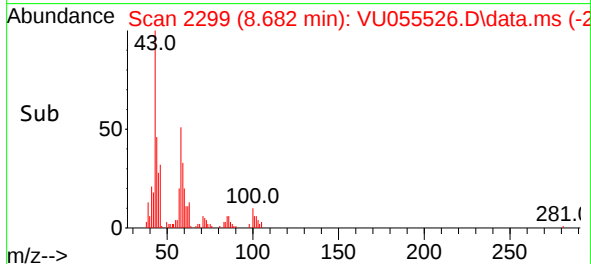
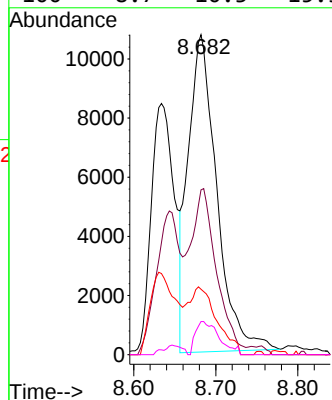


#48
2-Hexanone
Concen: 3.344 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055526.D
Acq: 26 Sep 2023 19:03

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Tgt Ion:	43	Resp:	25917
Ion	Ratio	Lower	Upper
43	100		
58	43.4	48.5	72.7#
57	20.3	17.0	25.4
100	8.7	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.520 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055526.D
Acq: 26 Sep 2023 19:03

Tgt Ion:	75	Resp:	17218
Ion	Ratio	Lower	Upper
75	100		
110	0.9	30.6	45.8#
77	36.0	26.7	40.1

