

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053409.D
 Acq On : 24 Mar 2023 22:48
 Operator : JC/MD
 Sample : 02092-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:43:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

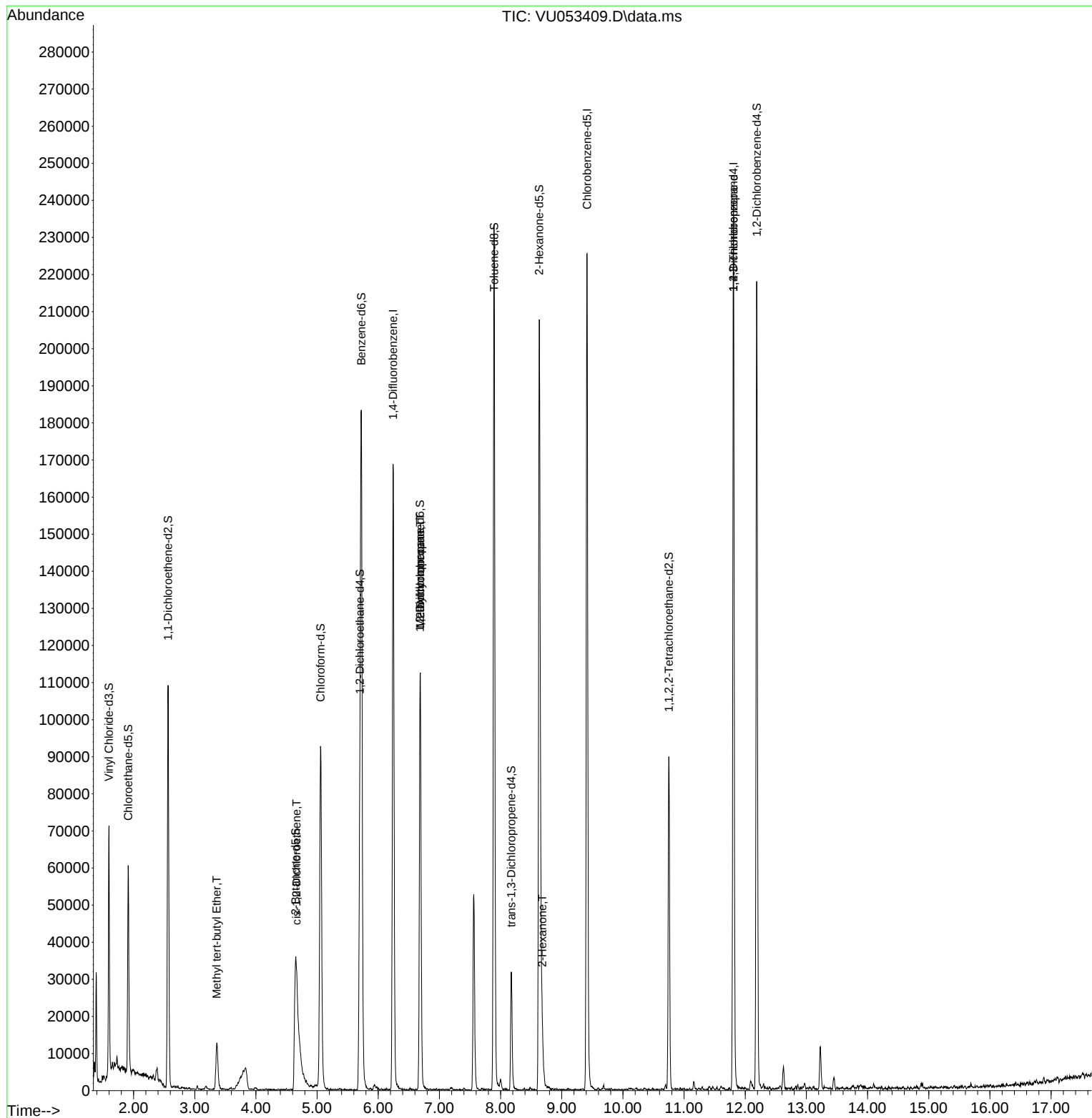
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	142988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44297	4.503	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.912	69	41263	4.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.565	65	19416	4.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.649	46	98896	43.886	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.780%	
24) Chloroform-d	5.057	84	82939	4.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.700	65	43916	4.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.723	84	178197	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.684	67	56060	4.972	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.893	98	163910	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.176	79	19156	4.428	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.632	63	80138	45.602	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.200%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43886	4.676	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	57280	4.936	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
17) Methyl tert-butyl Ether	3.359	73	14688	0.748	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	1167	0.103	ug/L #	66
35) Methylcyclohexane	6.687	83	12888	0.806	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5859	0.634	ug/L #	89
48) 2-Hexanone	8.681	43	5892	1.763	ug/L #	81
61) 1,2,3-Trichloropropane	11.809	75	8198	1.534	ug/L #	68

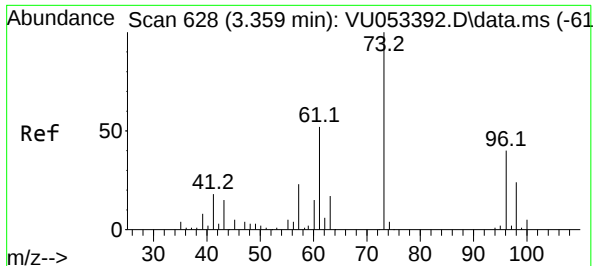
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.748 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

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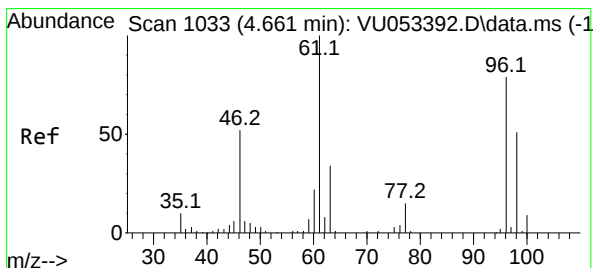
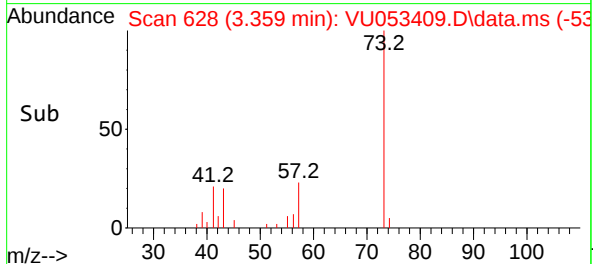
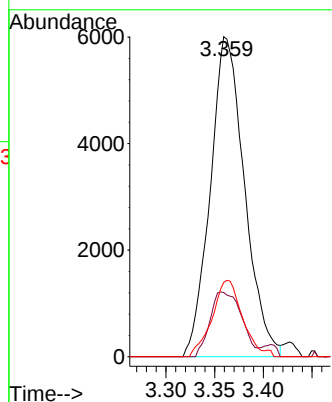
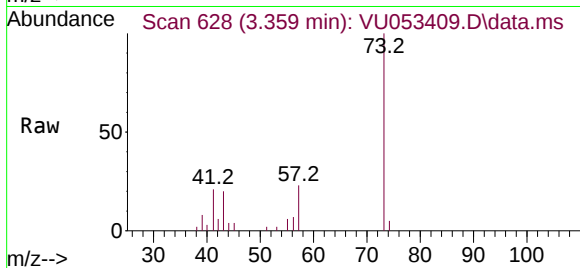
Acq: 24 Mar 2023 22:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 14688
Ion Ratio	Lower Upper
73 100	
43 18.7	13.9 20.9
57 21.2	17.0 25.6



#22

cis-1,2-Dichloroethene

Concen: 0.103 ug/L

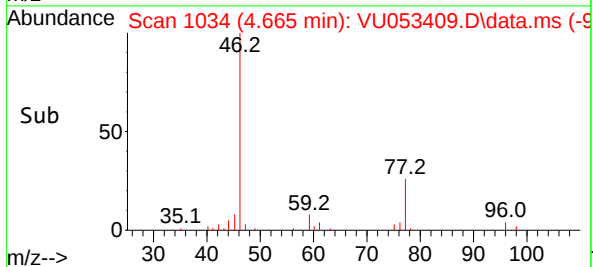
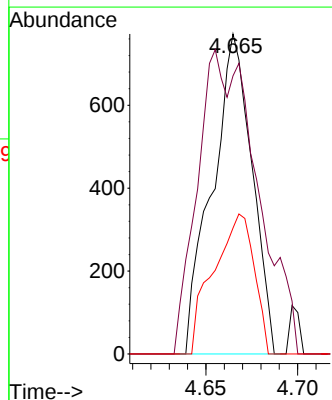
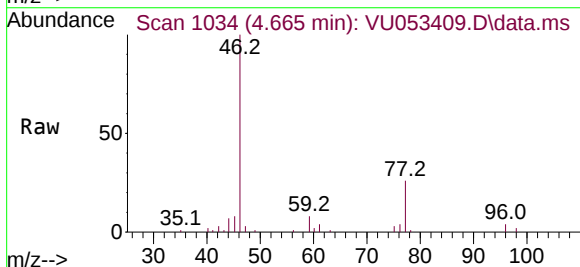
RT: 4.665 min Scan# 1034

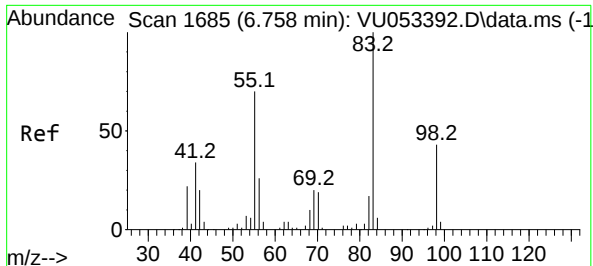
Delta R.T. 0.003 min

Lab File: VU053409.D

Acq: 24 Mar 2023 22:48

Tgt Ion: 96	Resp: 1167
Ion Ratio	Lower Upper
96 100	
61 86.9	86.6 160.8
98 39.4	47.7 88.5#





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053409.D

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Instrument :

MSVOA_U

ClientSampleId :

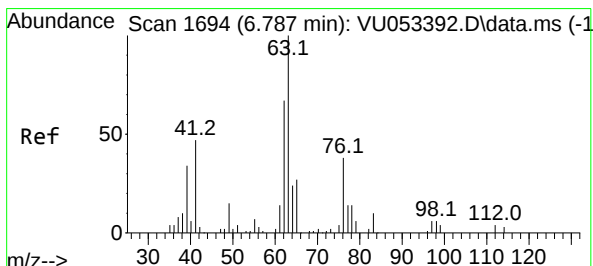
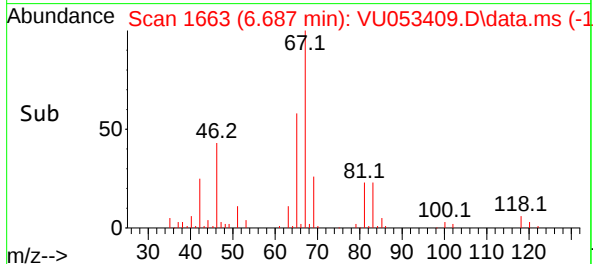
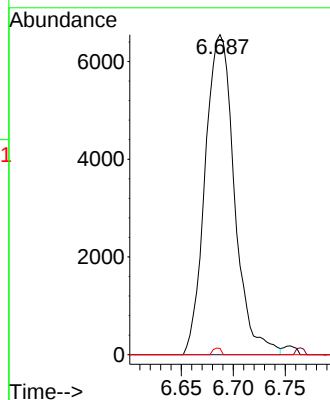
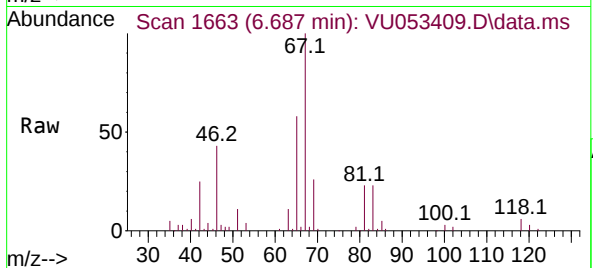
Tgt Ion: 83 Resp: 12888

Ion Ratio Lower Upper

83 100

55 0.6 54.9 82.3#

98 0.5 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053409.D

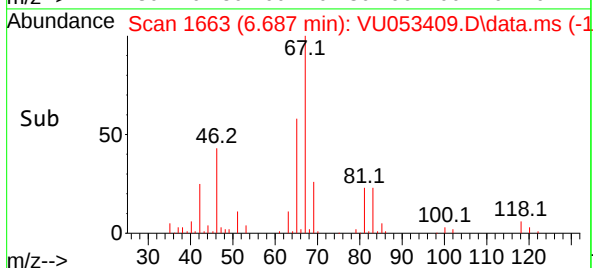
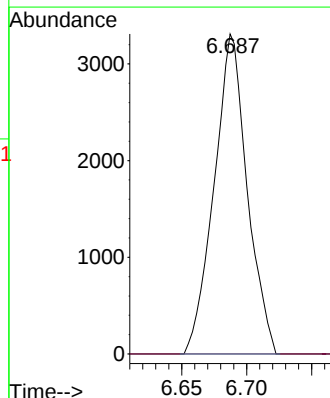
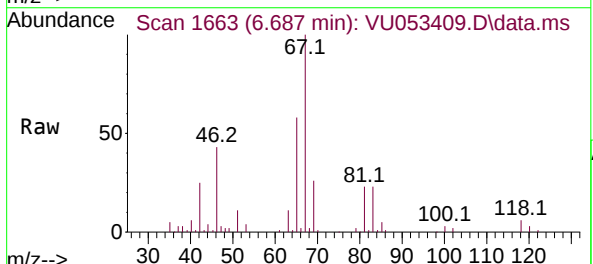
Acq: 24 Mar 2023 22:48

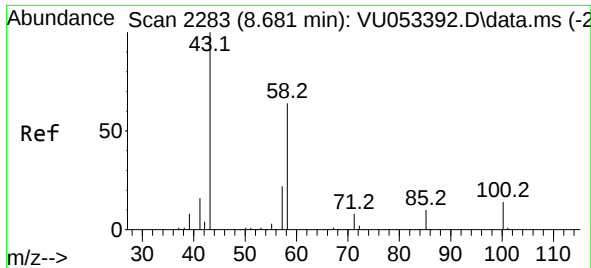
Tgt Ion: 63 Resp: 5859

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

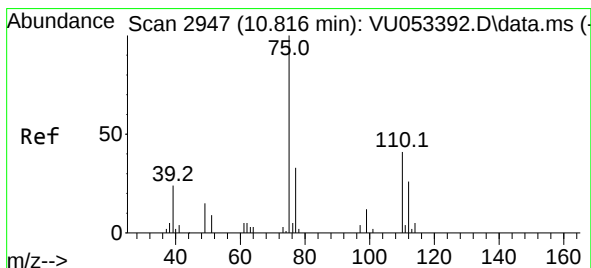
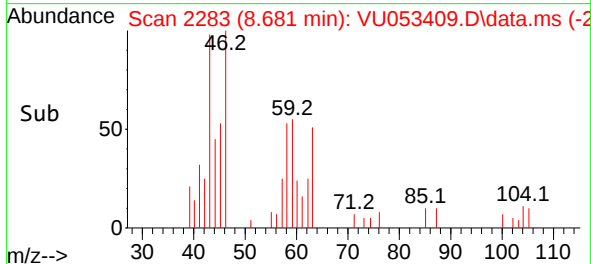
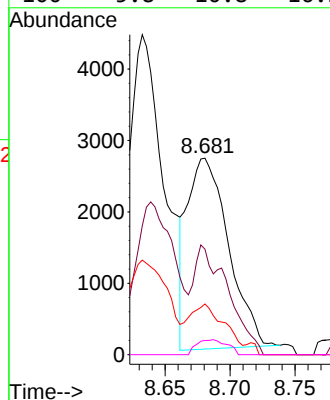
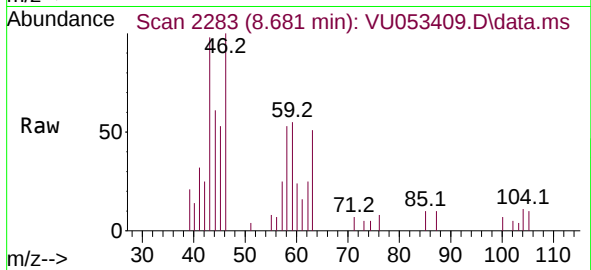




#48
2-Hexanone
Concen: 1.763 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053409.D
Acq: 24 Mar 2023 22:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	5892
Ion Ratio	Lower	Upper	
43	100		
58	47.8	52.8	79.2#
57	18.4	17.1	25.7
100	5.8	10.8	16.2#



#61
1,2,3-Trichloropropane
Concen: 1.534 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.994 min
Lab File: VU053409.D
Acq: 24 Mar 2023 22:48

Tgt Ion:	75	Resp:	8198
Ion Ratio	Lower	Upper	
75	100		
110	2.2	30.6	46.0#
77	32.7	26.1	39.1

