

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030495.D
 Acq On : 07 Aug 2022 04:03
 Operator : JC/MD
 Sample : N4021-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D68

Quant Time: Aug 07 05:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

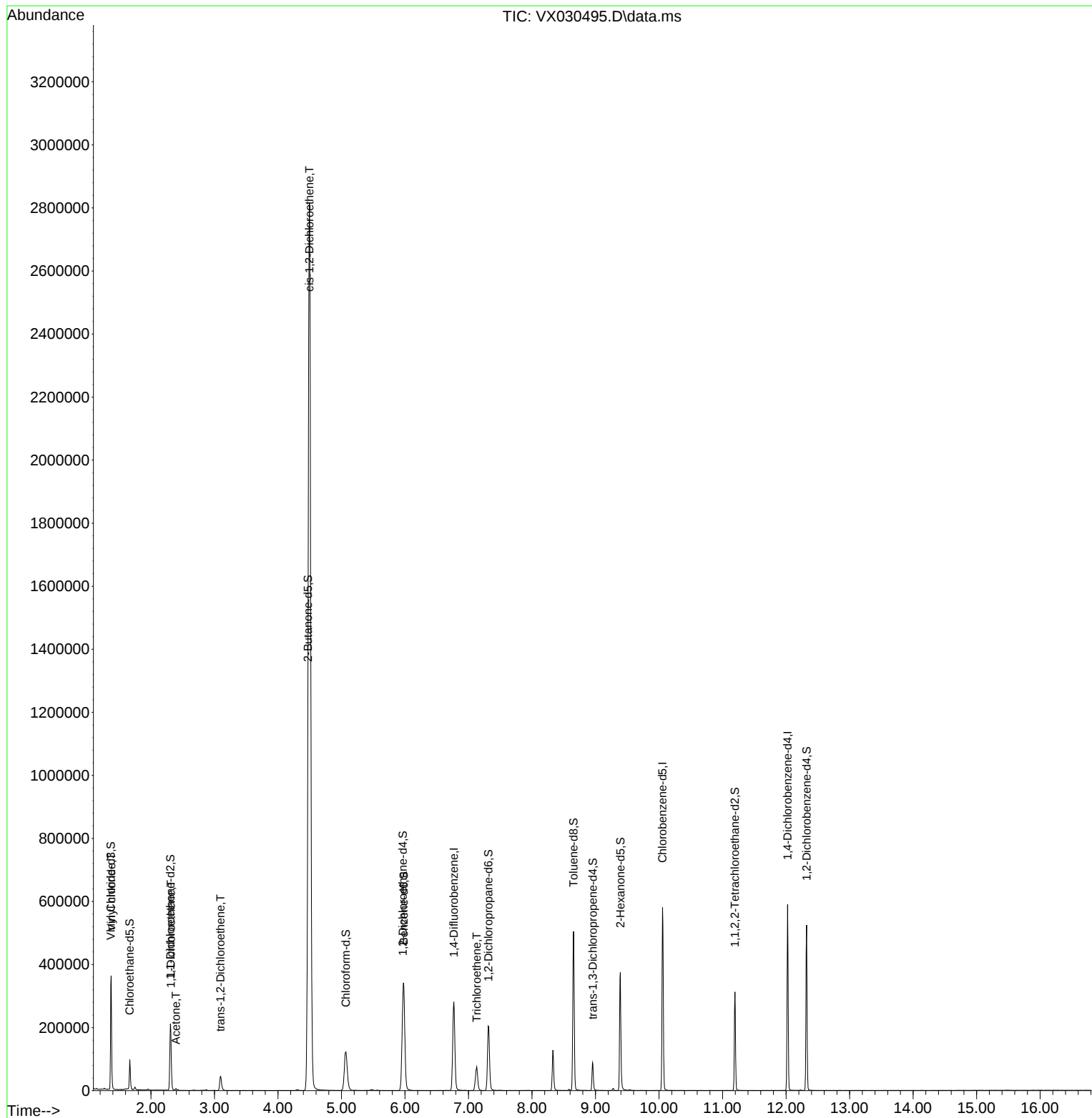
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	273569	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108621	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74630	42.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.960%
7) Chloroethane-d5	1.666	69	57675	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.140%
11) 1,1-Dichloroethene-d2	2.306	63	118535	35.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.340%
21) 2-Butanone-d5	4.471	46	162800	100.014	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.010%
24) Chloroform-d	5.068	84	152303	42.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.220%
26) 1,2-Dichloroethane-d4	5.964	65	114086	46.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
32) Benzene-d6	5.983	84	321061	44.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
36) 1,2-Dichloropropane-d6	7.312	67	104009	44.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	8.653	98	281680	41.857	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	8.958	79	40624	35.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.500%
47) 2-Hexanone-d5	9.391	63	100494	85.117	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	119394	39.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.480%
66) 1,2-Dichlorobenzene-d4	12.323	152	92433	43.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.740%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	169218	89.501	ug/L	97
12) 1,1-Dichloroethene	2.313	96	1868	1.220	ug/L	# 1
13) Acetone	2.392	43	5714	4.790	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	16825	9.485	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	1676405	840.092	ug/L	97
34) Trichloroethene	7.129	95	21308	9.207	ug/L	90

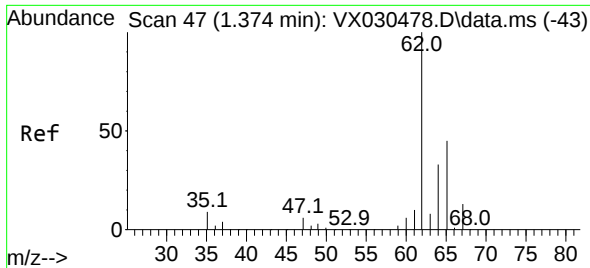
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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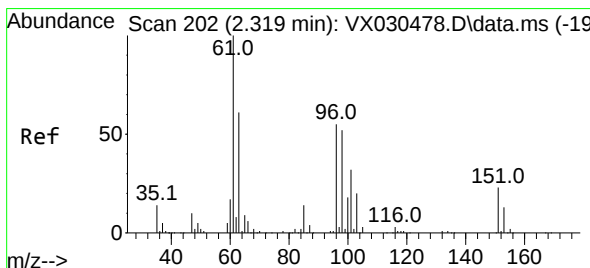
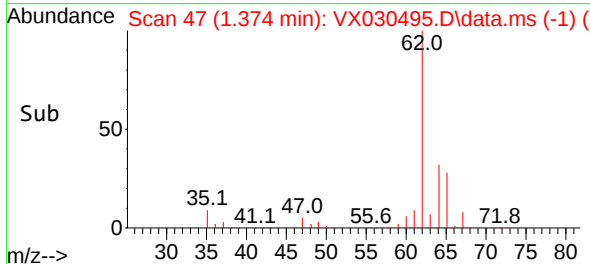
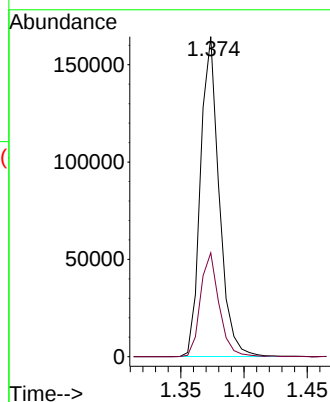
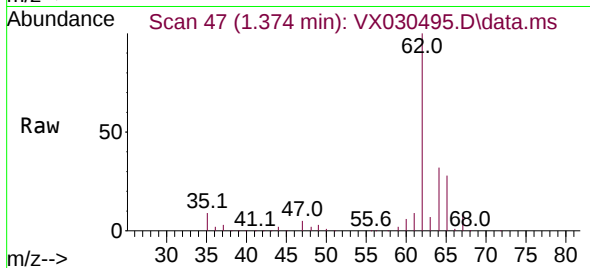




#5
 Vinyl chloride
 Concen: 89.501 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030495.D
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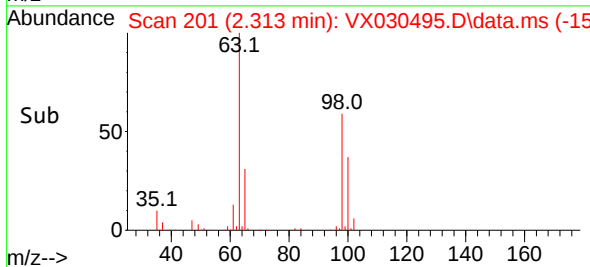
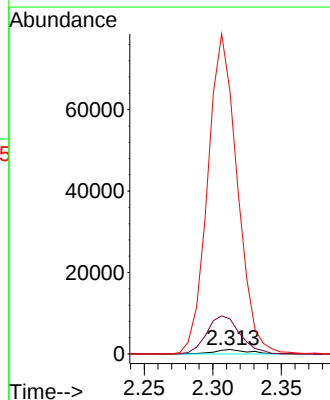
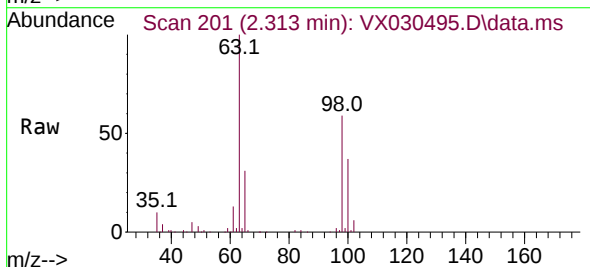
Instrument :
 MSVOA_X
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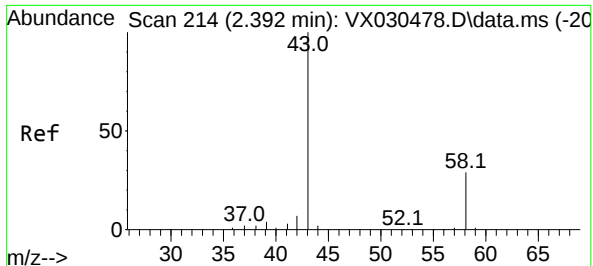
Tgt Ion: 62 Resp: 169218
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.220 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX030495.D
 Acq: 07 Aug 2022 04:03

Tgt Ion: 96 Resp: 1868
 Ion Ratio Lower Upper
 96 100
 61 796.4 130.2 241.8#
 63 5957.2 113.5 210.9#

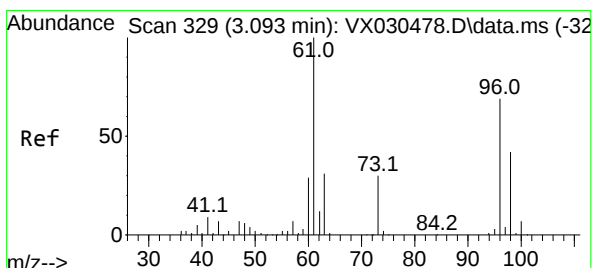
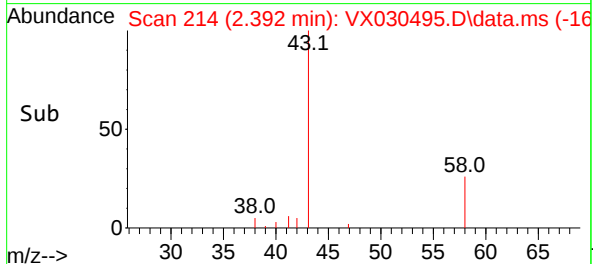
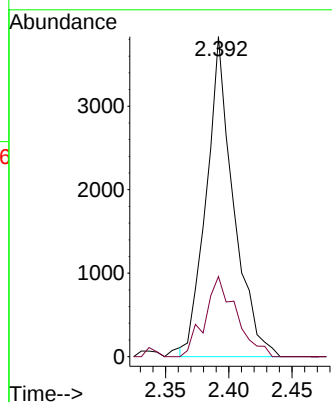
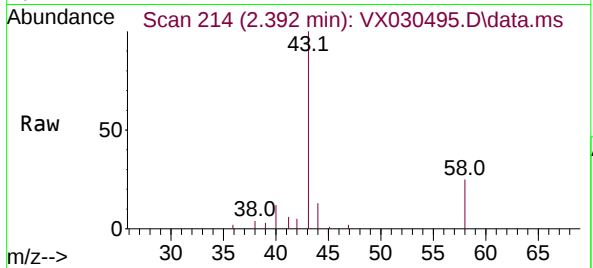




#13
Acetone
Concen: 4.790 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030495.D
Acq: 07 Aug 2022 04:03

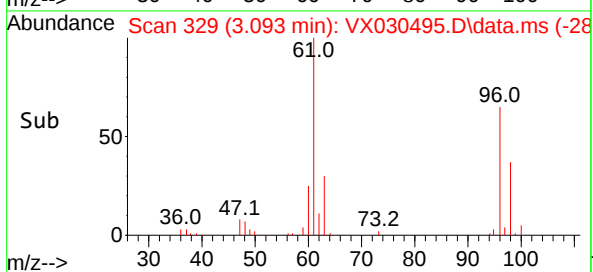
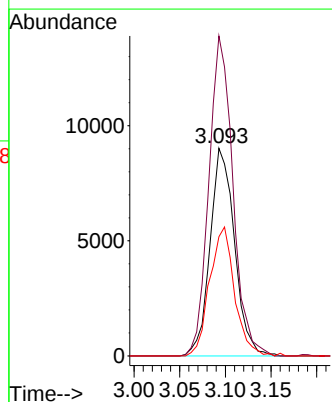
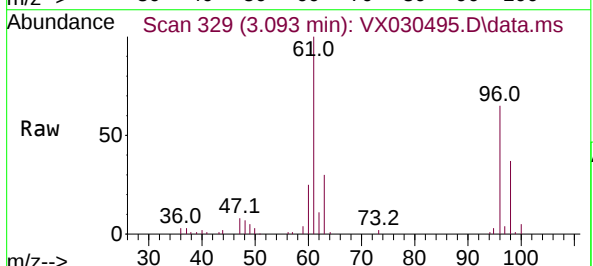
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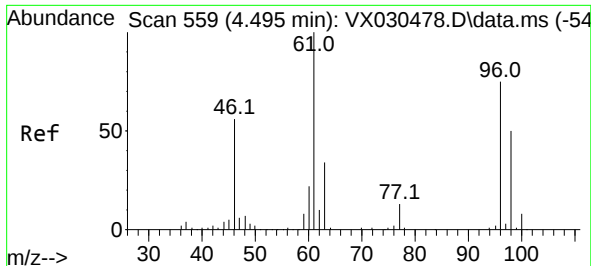
Tgt Ion: 43 Resp: 5714
Ion Ratio Lower Upper
43 100
58 29.1 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 9.485 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030495.D
Acq: 07 Aug 2022 04:03

Tgt Ion: 96 Resp: 16825
Ion Ratio Lower Upper
96 100
61 154.1 103.7 192.5
98 57.4 41.5 77.1



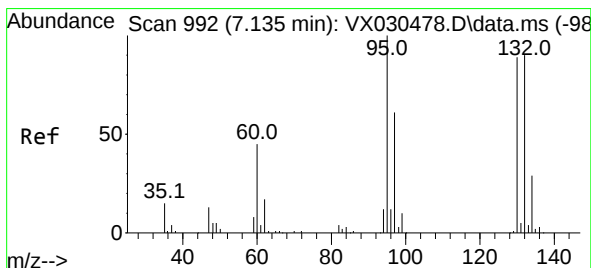
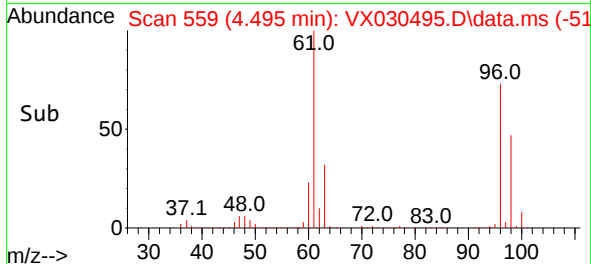
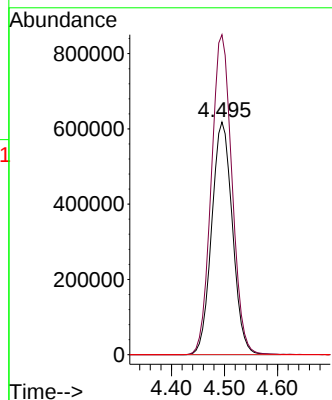
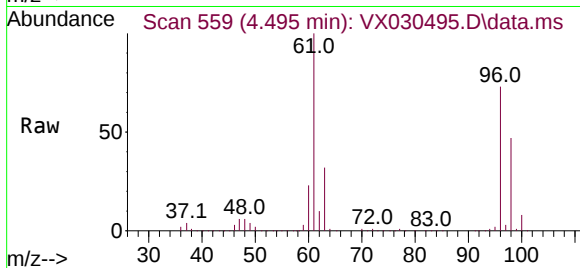


#20
 cis-1,2-Dichloroethene
 Concen: 840.092 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030495.D
 Acq: 07 Aug 2022 04:03

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D68

Tgt Ion: 96 Resp: 1676405

Ion	Ratio	Lower	Upper
96	100		
61	137.5	94.0	174.6
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 9.207 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030495.D
 Acq: 07 Aug 2022 04:03

Tgt Ion: 95 Resp: 21308

Ion	Ratio	Lower	Upper
95	100		
97	63.2	40.2	74.6
132	91.8	55.3	102.7
130	90.6	58.9	109.5

