

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
 Data File : VV027268.D
 Acq On : 10 Aug 2022 19:35
 Operator : SY/MD
 Sample : N4114-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D46

Quant Time: Aug 11 03:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

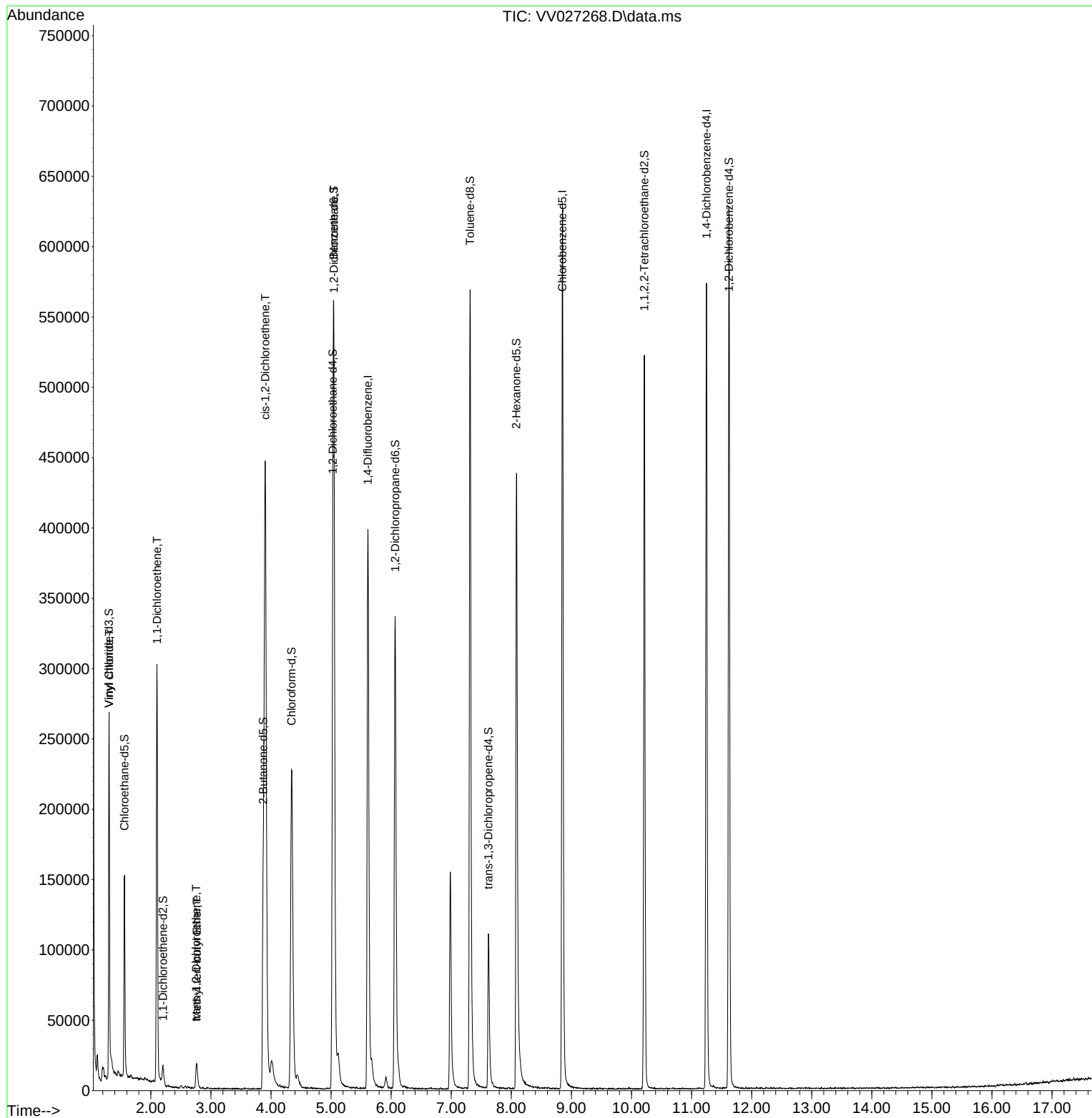
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	328729	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	344992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	144048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	111046	49.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.100%
7) Chloroethane-d5	1.561	69	96821	59.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.180%
11) 1,1-Dichloroethene-d2	2.201	63	9895	2.414	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	4.820%#
21) 2-Butanone-d5	3.870	46	225720	113.146	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.150%
24) Chloroform-d	4.343	84	231884	50.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
26) 1,2-Dichloroethane-d4	5.027	65	165107	57.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.860%
32) Benzene-d6	5.043	84	475044	57.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.840%
36) 1,2-Dichloropropane-d6	6.066	67	169441	57.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.160%
41) Toluene-d8	7.313	98	391925	55.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.160%
43) trans-1,3-Dichloroprop...	7.619	79	66990	52.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.440%
47) 2-Hexanone-d5	8.085	63	150124	105.914	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.910%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	244865	51.058	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	152645	61.363	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.720%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	72850	21.890	ug/L	98
12) 1,1-Dichloroethene	2.105	96	2639	1.159	ug/L	# 1
17) trans-1,2-Dichloroethene	2.754	96	4106	1.629	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	7081	0.945	ug/L	# 95
20) cis-1,2-Dichloroethene	3.905	96	228211	87.155	ug/L	86
27) 1,2-Dichloroethane	5.047	62	2899	0.728	ug/L	95

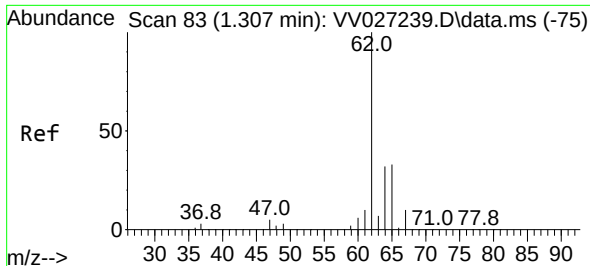
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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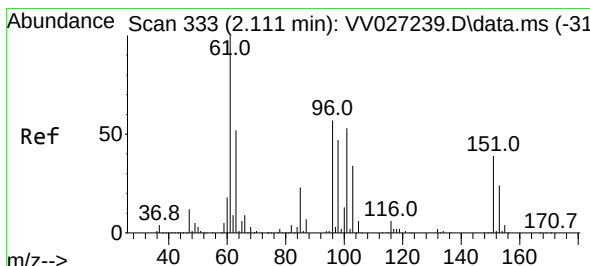
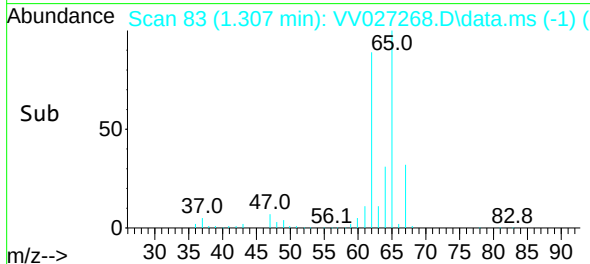
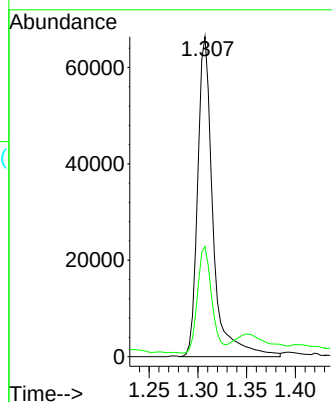
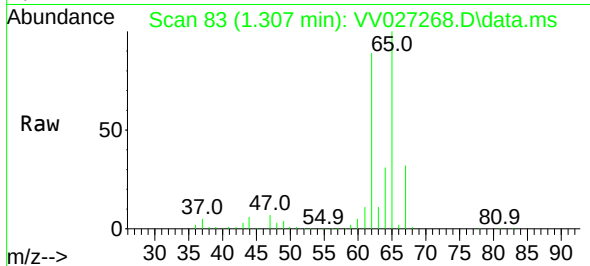




#5
 Vinyl chloride
 Concen: 21.890 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35

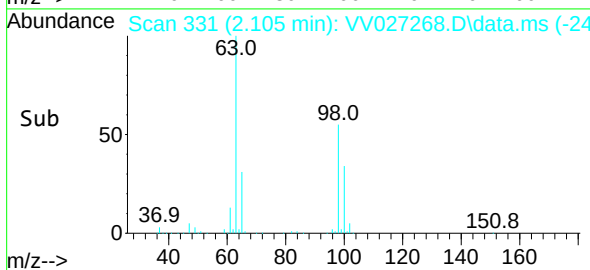
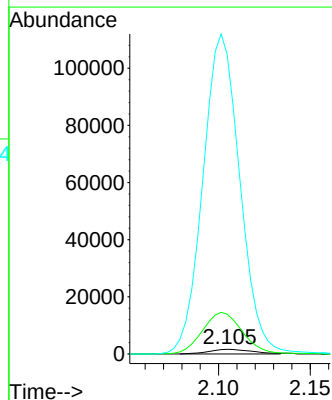
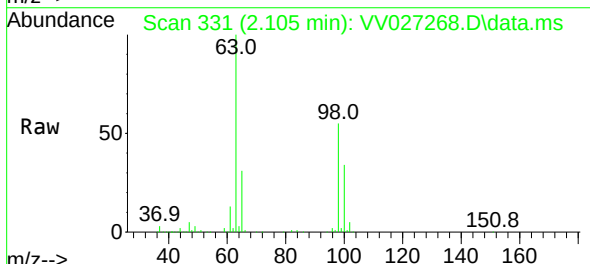
Instrument :
 MSVOA_V
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 F5D46

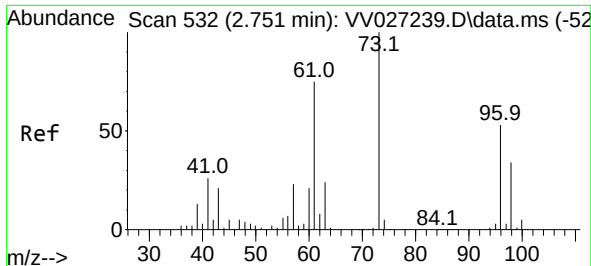
Tgt Ion: 62 Resp: 72850
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 1.159 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.007 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35

Tgt Ion: 96 Resp: 2639
 Ion Ratio Lower Upper
 96 100
 61 851.5 114.3 212.3#
 63 6414.2 93.4 173.4#

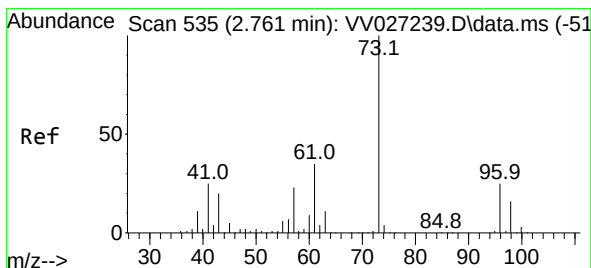
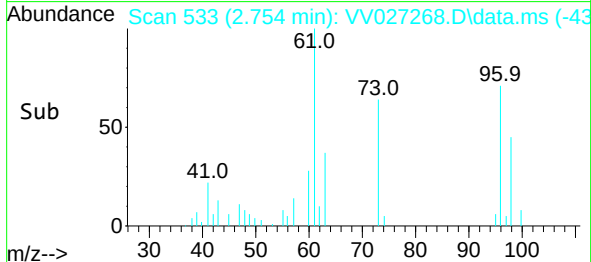
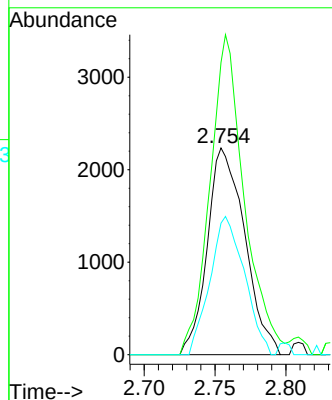
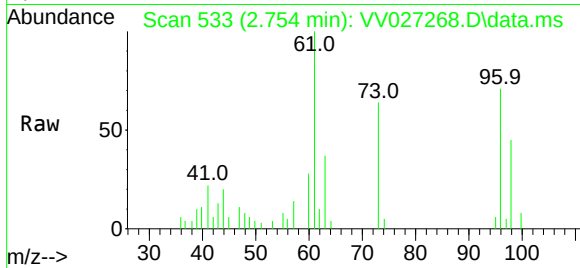




#17
trans-1,2-Dichloroethene
Concen: 1.629 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027268.D
Acq: 10 Aug 2022 19:35

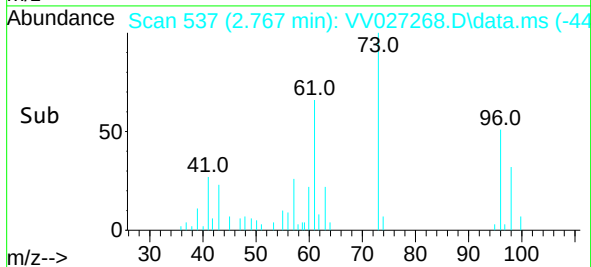
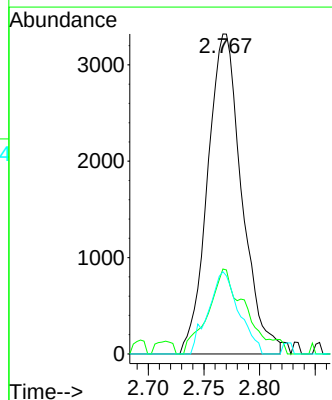
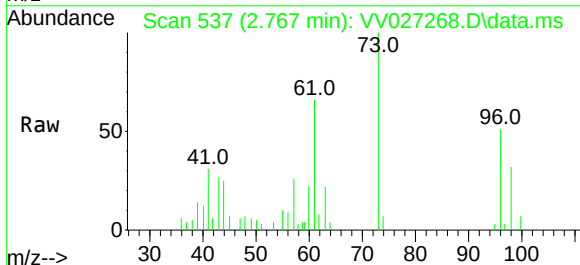
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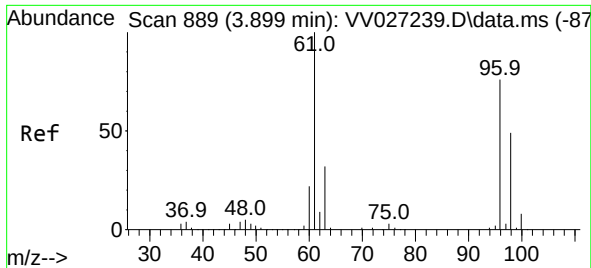
Tgt Ion: 96 Resp: 4106
Ion Ratio Lower Upper
96 100
61 141.3 89.2 165.6
98 63.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 0.945 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV027268.D
Acq: 10 Aug 2022 19:35

Tgt Ion: 73 Resp: 7081
Ion Ratio Lower Upper
73 100
43 20.1 12.6 18.8#
57 21.0 17.3 25.9



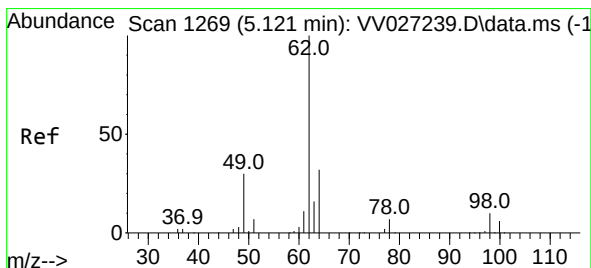
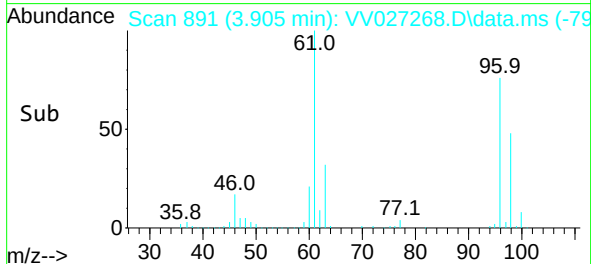
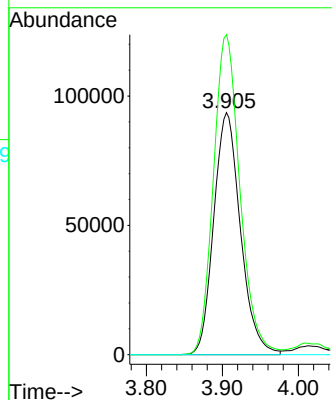
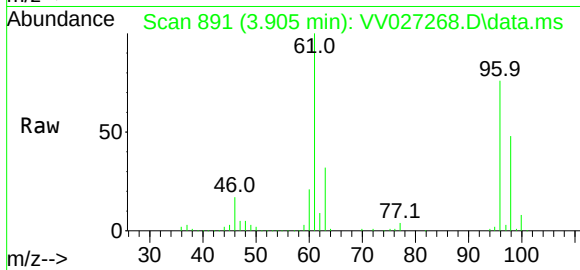


#20
 cis-1,2-Dichloroethene
 Concen: 87.155 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D46

Tgt Ion: 96 Resp: 228211

Ion	Ratio	Lower	Upper
96	100		
61	132.2	81.8	151.8
68	0.0	0.0	0.0



#27
 1,2-Dichloroethane
 Concen: 0.728 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.074 min
 Lab File: VV027268.D
 Acq: 10 Aug 2022 19:35

Tgt Ion: 62 Resp: 2899

Ion	Ratio	Lower	Upper
62	100		
98	9.4	9.0	13.6

