

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047660.D
 Acq On : 25 Mar 2022 02:02
 Operator : SY/MD
 Sample : N2081-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y6

Quant Time: Mar 25 05:31:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

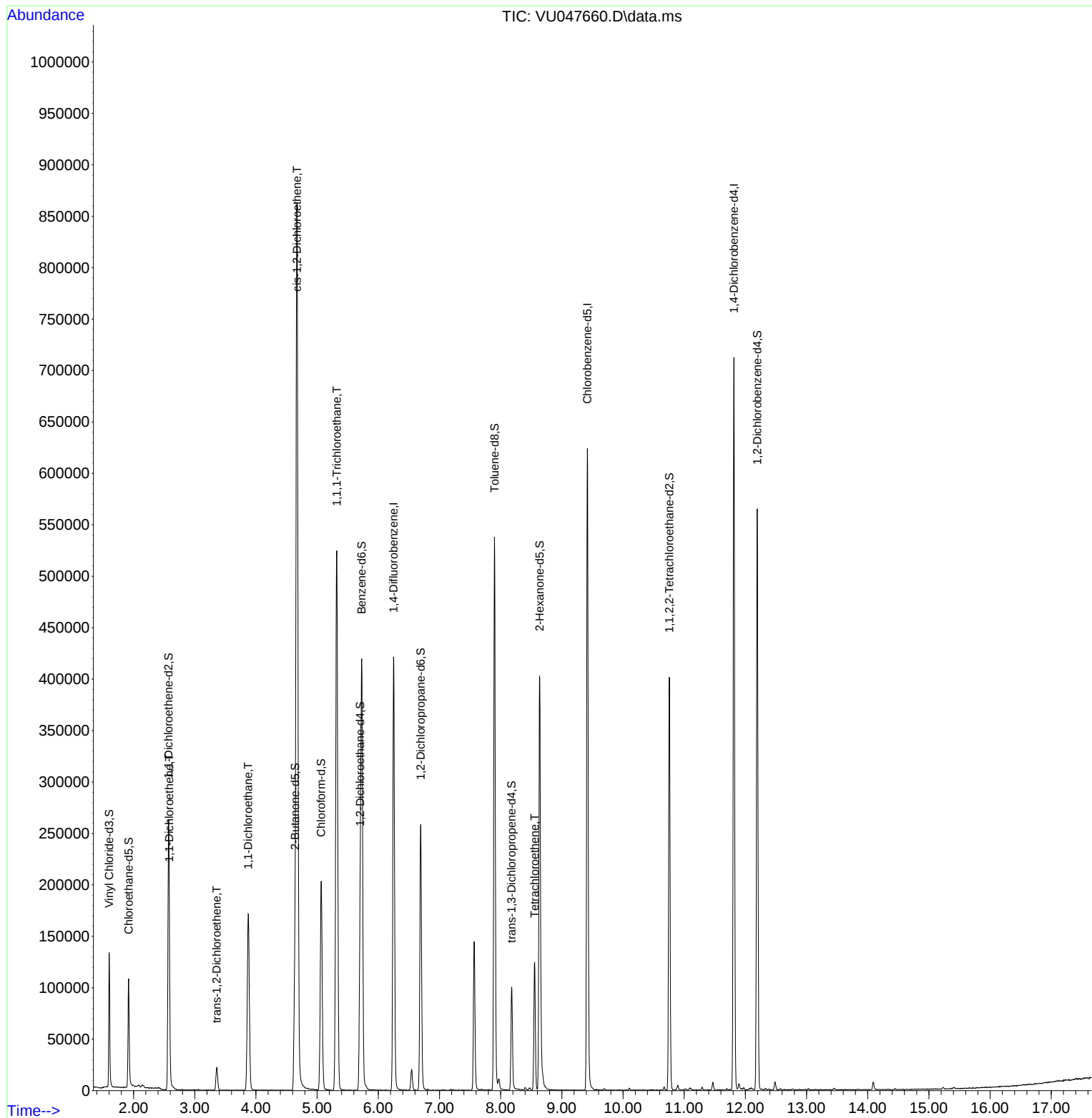
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359548	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195904	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95852	36.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.520%
7) Chloroethane-d5	1.919	69	80436	39.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.260%
11) 1,1-Dichloroethene-d2	2.571	63	148012	31.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.060%
21) 2-Butanone-d5	4.639	46	201403	89.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	5.066	84	189054	39.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.260%
26) 1,2-Dichloroethane-d4	5.703	65	122367	41.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.640%
32) Benzene-d6	5.729	84	392431	42.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
36) 1,2-Dichloropropane-d6	6.693	67	123919	44.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	7.899	98	364041	40.762	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	8.179	79	56598	39.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.360%
47) 2-Hexanone-d5	8.635	63	148419	90.061	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197573	40.895	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	154634	44.367	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	18600	7.542	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	9840	3.699	ug/L	97
19) 1,1-Dichloroethane	3.874	63	195508	42.614	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	454203	155.741	ug/L	96
30) 1,1,1-Trichloroethane	5.320	97	383163	92.761	ug/L	99
46) Tetrachloroethene	8.555	164	28945	11.651	ug/L	97

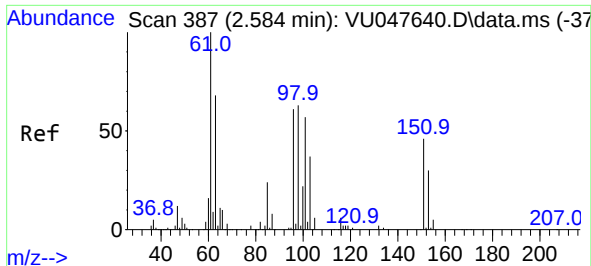
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 23:34:42 2022
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#12

1,1-Dichloroethene

Concen: 7.542 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

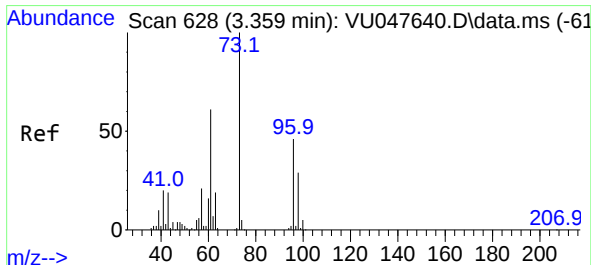
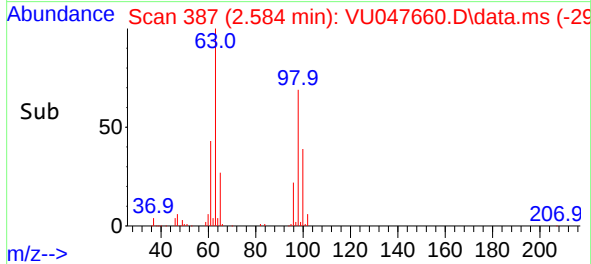
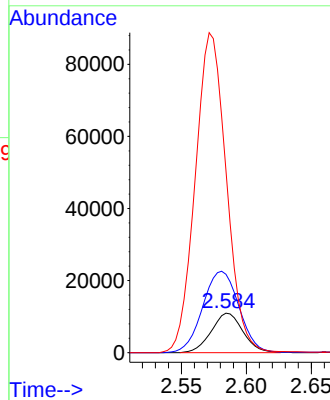
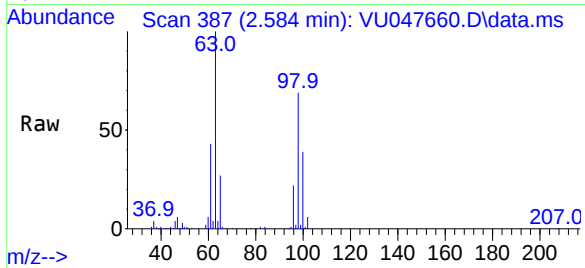
Tgt Ion: 96 Resp: 18600

Ion Ratio Lower Upper

96 100

61 198.3 113.1 210.1

63 461.1 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 3.699 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

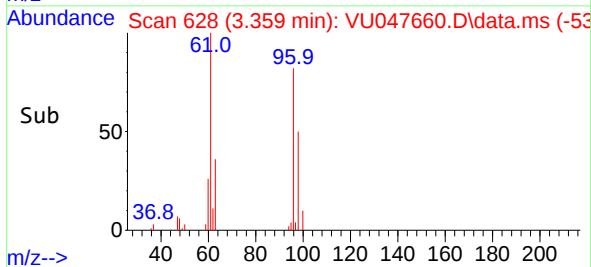
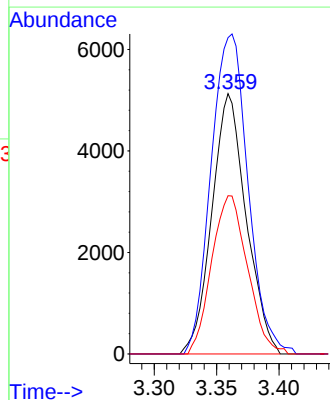
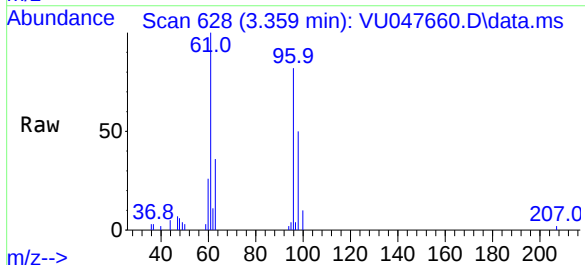
Tgt Ion: 96 Resp: 9840

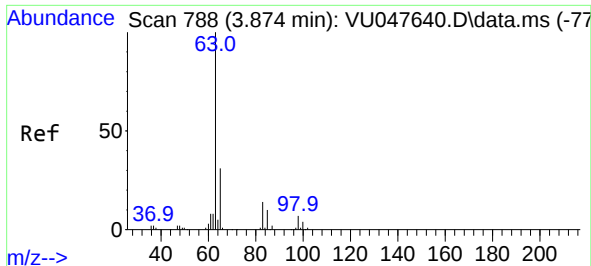
Ion Ratio Lower Upper

96 100

61 121.5 88.4 164.2

98 60.8 43.3 80.5





#19

1,1-Dichloroethane

Concen: 42.614 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

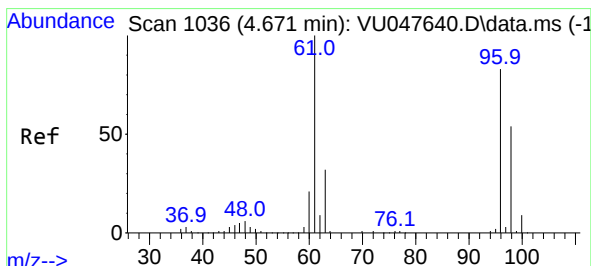
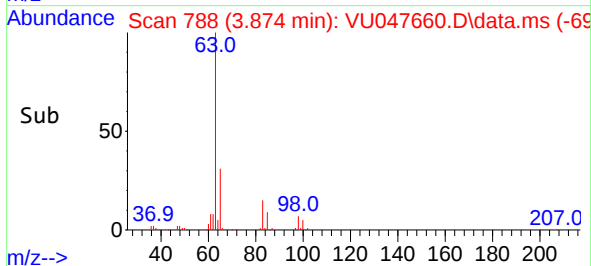
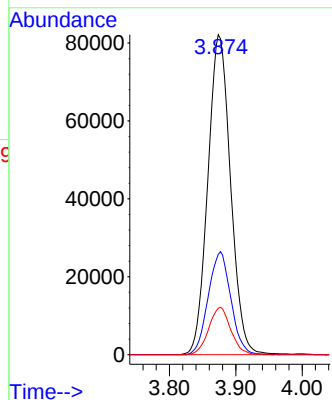
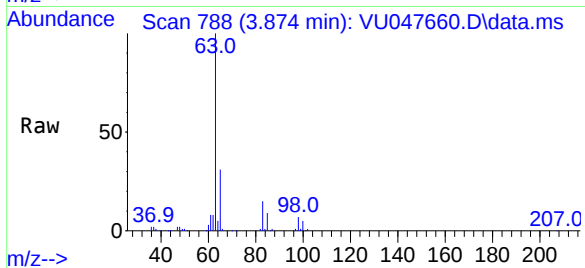
Tgt Ion: 63 Resp: 195508

Ion Ratio Lower Upper

63 100

65 31.3 22.0 41.0

83 14.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 155.741 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047660.D

Acq: 25 Mar 2022 02:02

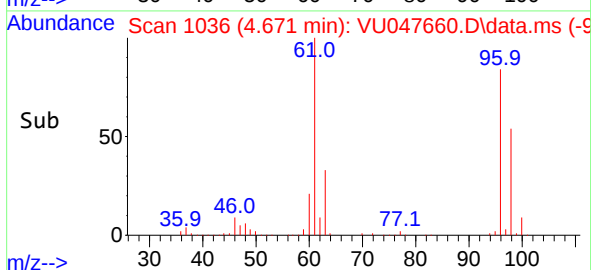
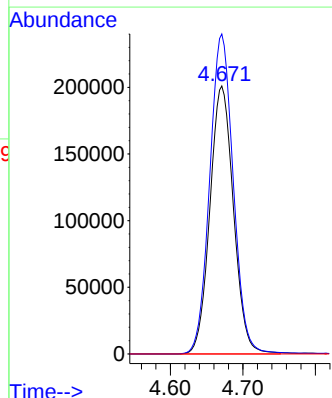
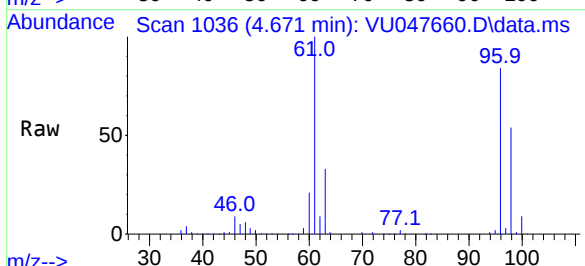
Tgt Ion: 96 Resp: 454203

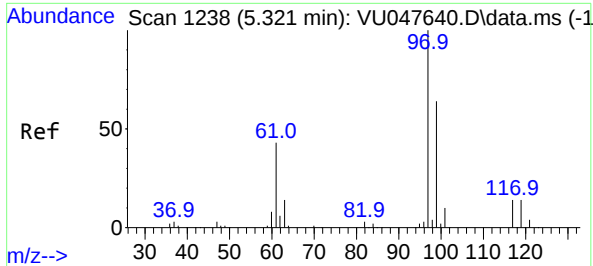
Ion Ratio Lower Upper

96 100

61 119.4 80.7 149.9

68 0.0 0.0 0.0



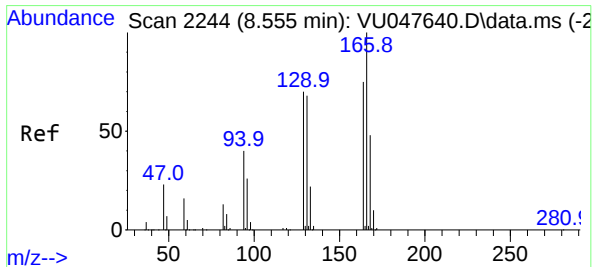
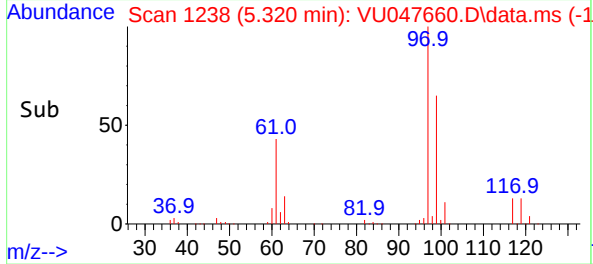
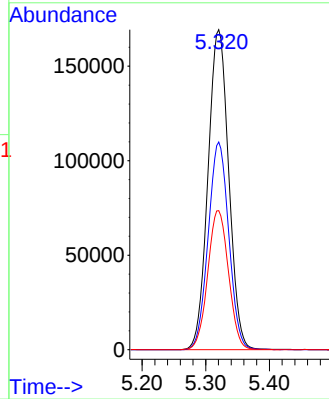
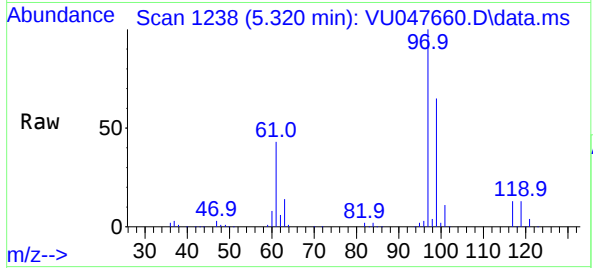


#30
1,1,1-Trichloroethane
Concen: 92.761 ug/L
RT: 5.320 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

Tgt Ion: 97 Resp: 383163

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	43.6	34.2	51.4



#46
Tetrachloroethene
Concen: 11.651 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047660.D
Acq: 25 Mar 2022 02:02

Tgt Ion:164 Resp: 28945

Ion	Ratio	Lower	Upper
164	100		
129	91.7	62.4	116.0
131	83.8	60.7	112.7
166	122.9	89.0	165.4

