

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092018\
 Data File : VR025788.D
 Acq On : 20 Sep 2018 23:45
 Operator : SY/MD
 Sample : J4991-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0T24

Manual Integrations
 APPROVED

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 9/24/2018 5:09:20 PM

Quant Time: Sep 21 08:15:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 07:37:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	528370	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	418230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	106729	4.73	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	2.62	69	91714	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.60	63	168547	2.70	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	6.59	46	221784	54.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.50%
24) Chloroform-d	7.20	84	284289	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	7.89	65	130168	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	7.85	84	499229	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	150860	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	385038	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.24	79	41062	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	10.59	63	189256	52.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72495	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	92231	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds					Ovalue	
9) Trichlorofluoromethane	2.94	101	87818m	1.348	ug/L	
13) Acetone	3.69	43	38857	18.055	ug/L	99
30) Cyclohexane	7.51	56	9808	0.096	ug/L	94
34) Trichloroethene	8.71	95	19679	0.337	ug/L	90
47) Tetrachloroethene	10.51	164	76405	2.210	ug/L	96

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

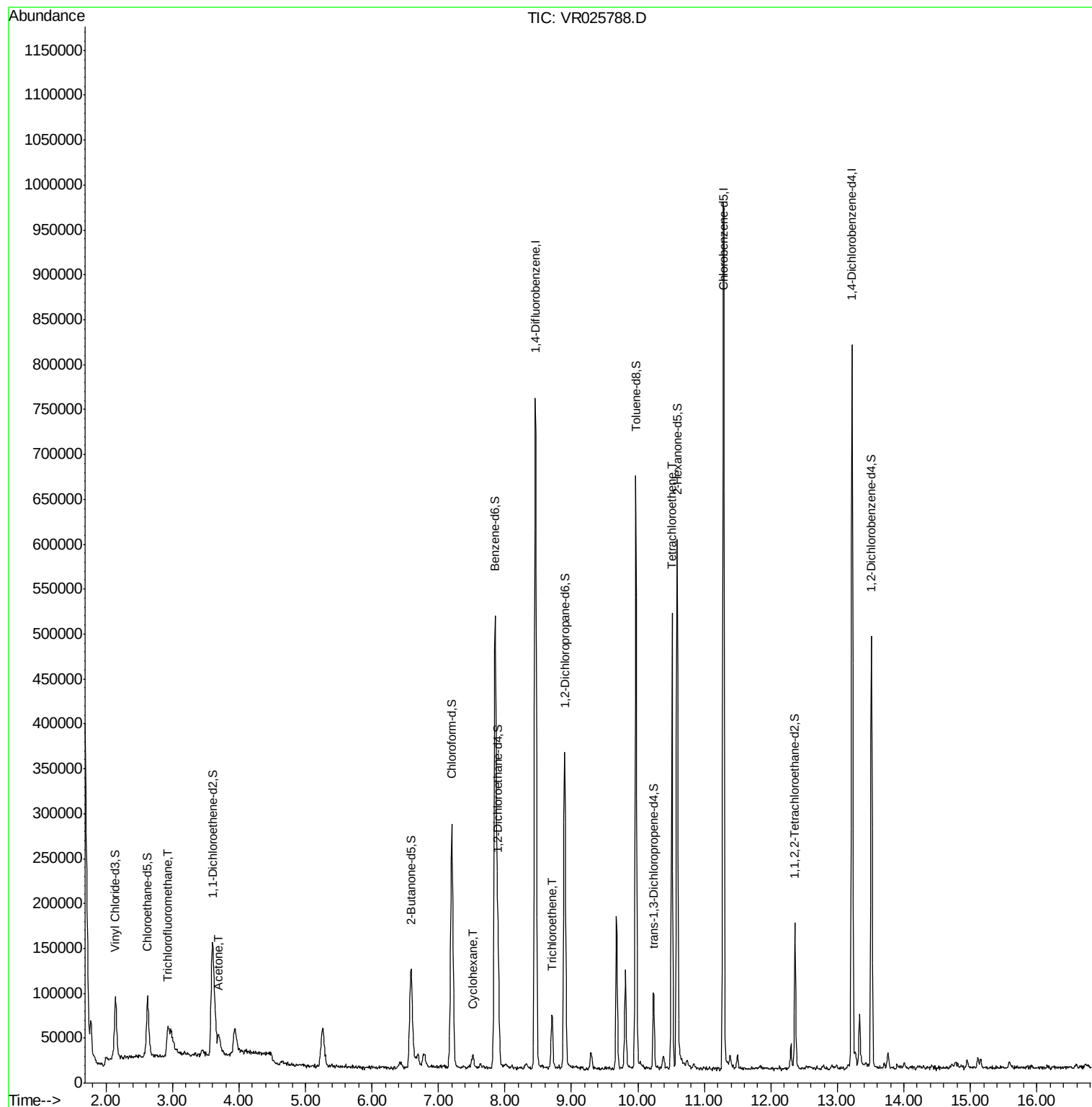
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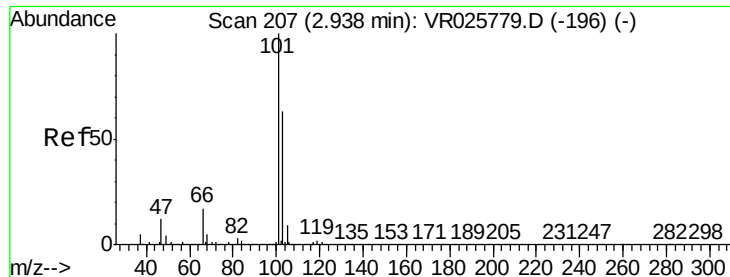
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration





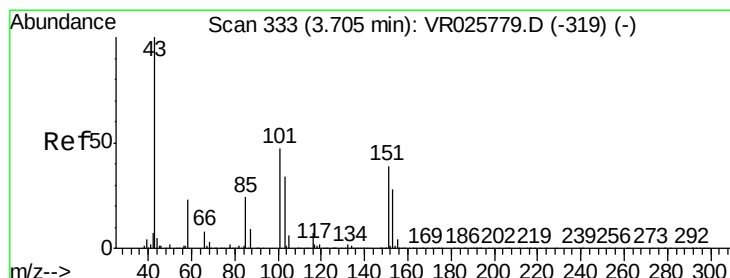
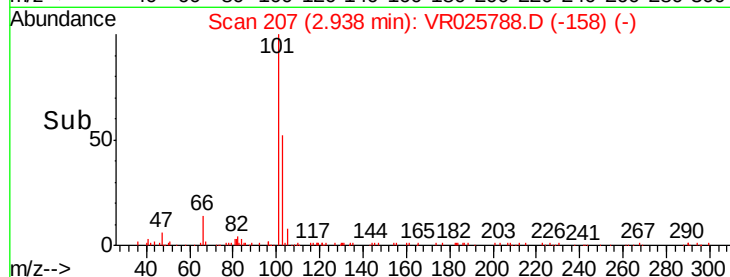
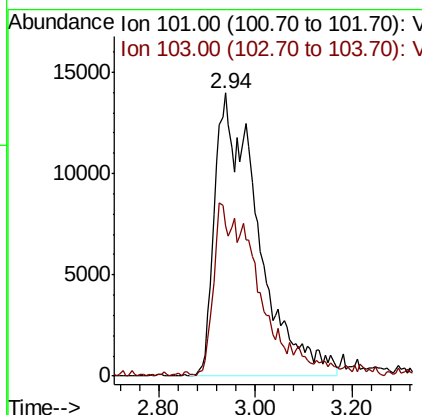
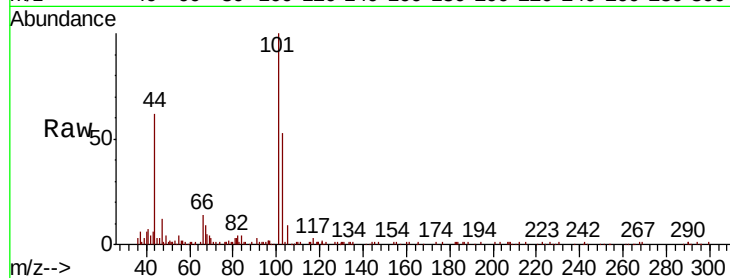
#9
 Trichlorofluoromethane
 Concen: 1.348 ug/L m
 RT: 2.94 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VR025788.D
 Acq: 20 Sep 2018 23:45

Instrument :
 MSVOA_R
 ClientSampleId :
 C0T24

Tot Ion	Ratio	Lower	Upper
101	100		
103	20.1	20.2	30.2#

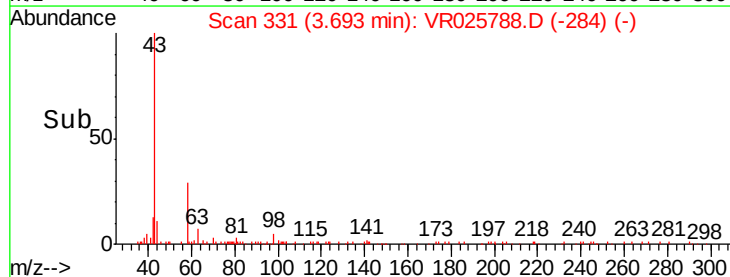
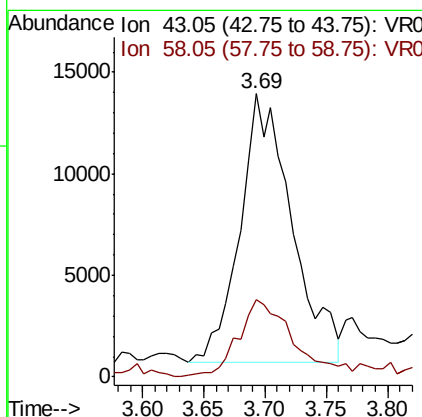
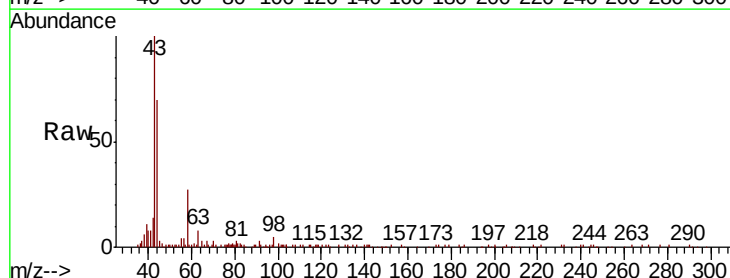
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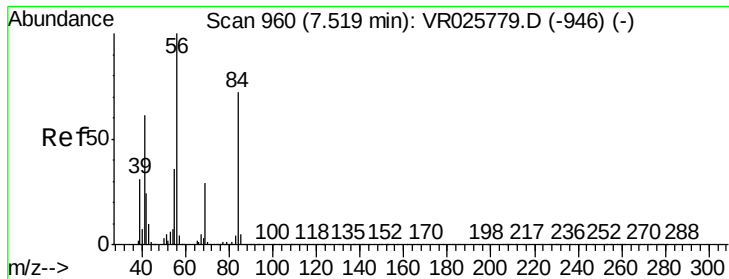
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#13
 Acetone
 Concen: 18.055 ug/L
 RT: 3.69 min Scan# 331
 Delta R.T. -0.01 min
 Lab File: VR025788.D
 Acq: 20 Sep 2018 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	63.0





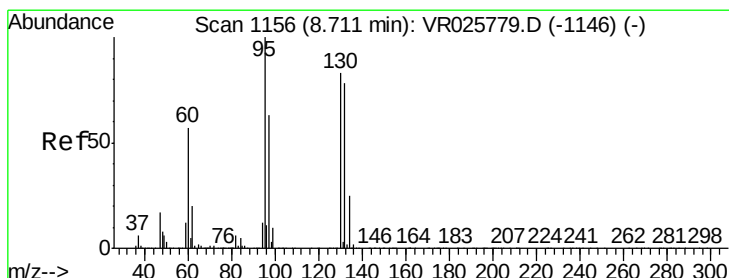
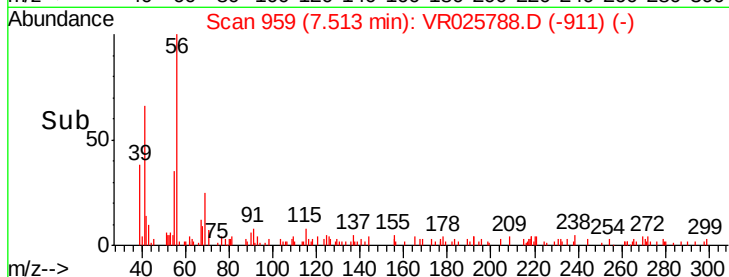
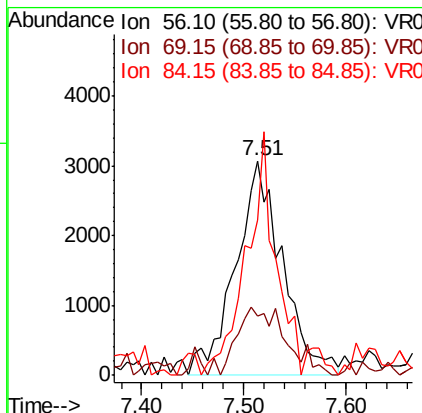
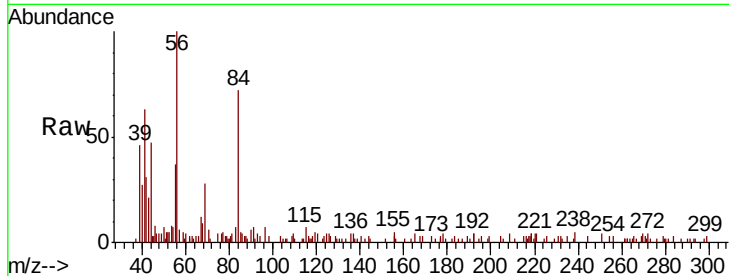
#30
Cyclohexane
Concen: 0.096 ug/L
RT: 7.51 min Scan# 959
Delta R.T. -0.01 min
Lab File: VR025788.D
Acq: 20 Sep 2018 23:45

Instrument :
MSVOA_R
ClientSampleId :
C0T24

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.0	36.0
84	70.2	60.2	90.4

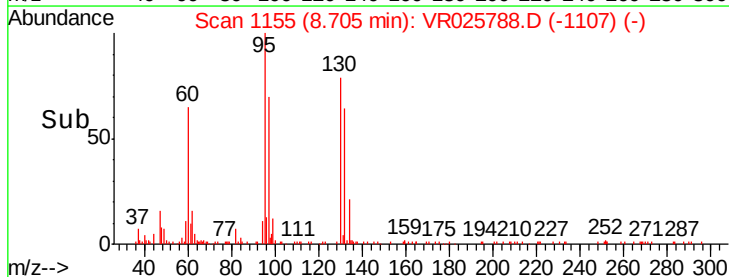
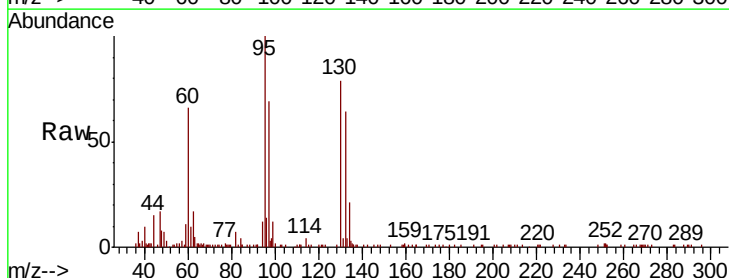
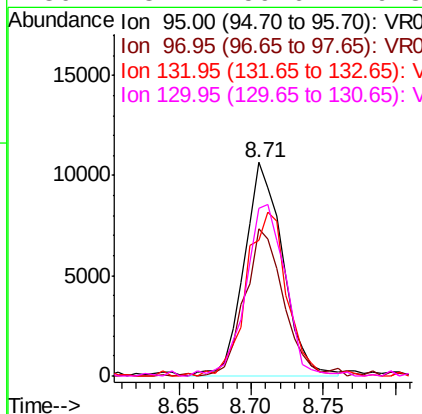
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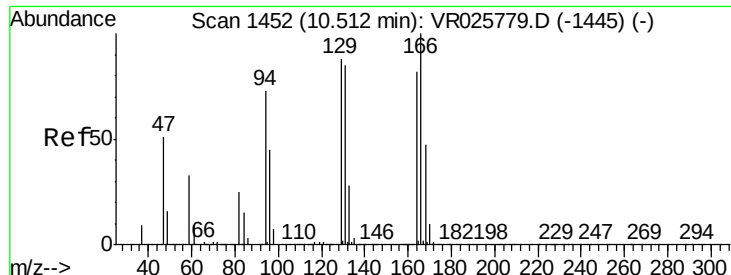
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#34
Trichloroethene
Concen: 0.337 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR025788.D
Acq: 20 Sep 2018 23:45

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.1	46.2	85.8
132	63.5	56.0	104.0
130	78.7	59.6	110.8





#47
Tetrachloroethene
Concen: 2.210 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VR025788.D
Acq: 20 Sep 2018 23:45

Instrument :
MSVOA_R
ClientSampleId :
C0T24

Tot Ion:	164	Resp:	76405
Ion Ratio	Lower	Upper	
164	100		
129	113.7	77.5	143.9
131	114.3	74.3	138.1
166	131.7	91.1	169.1

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