

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006689.D
 Acq On : 21 Jul 2018 16:25
 Operator : SY/MD
 Sample : J4078-05
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA7

Quant Time: Jul 22 23:07:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jul 22 23:06:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212409	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67426	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	53489	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	99104	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.96	46	64679	19.98	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	39.96%#
24) Chloroform-d	4.41	84	125620	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	61026	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	262786	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	84514	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	225044	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	23908	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	127591	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58695	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	80004	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

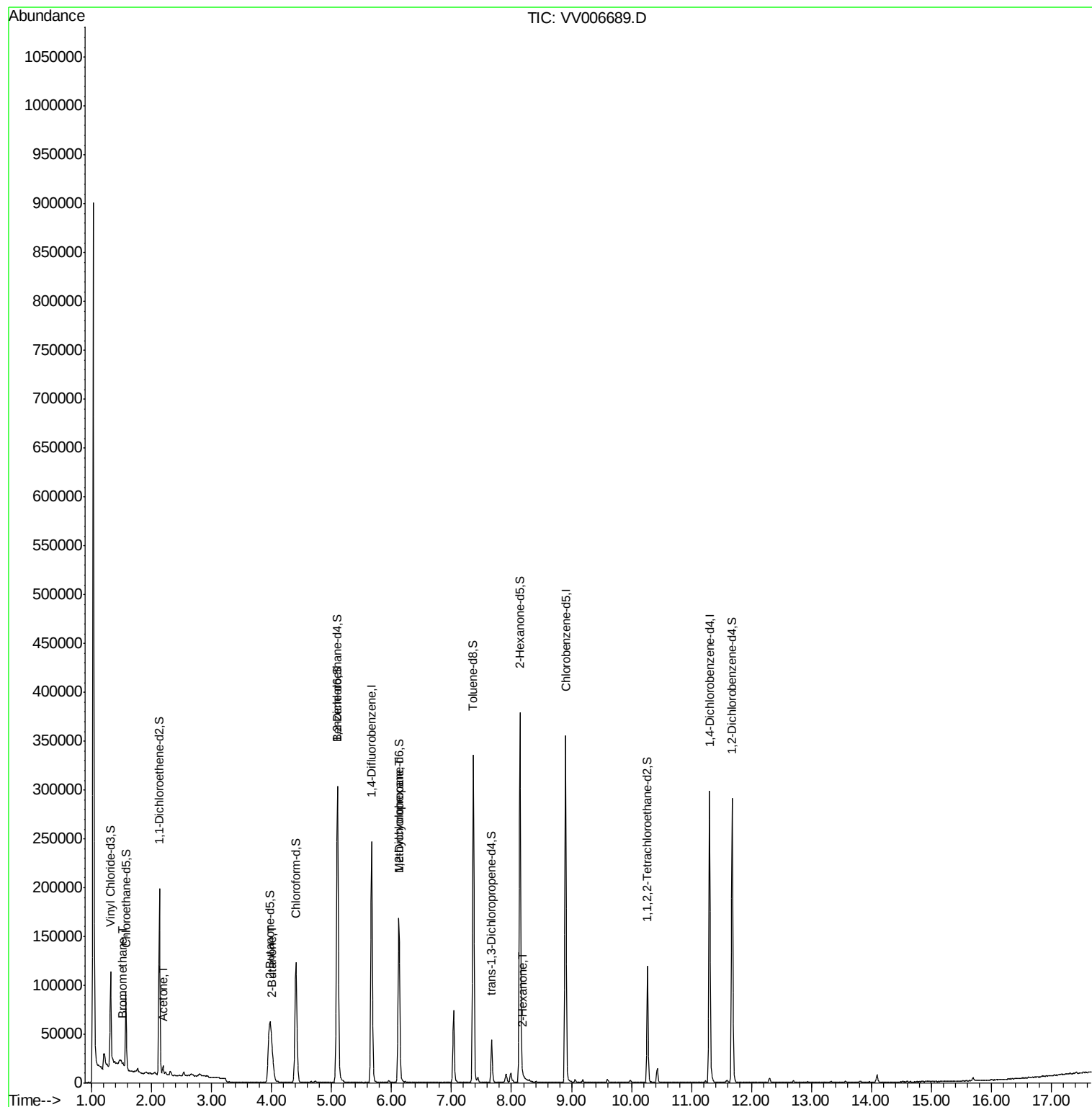
					Qvalue
6) Bromomethane	1.53	94	1582	0.253 ug/L	85
13) Acetone	2.19	43	6655	2.680 ug/L	93
21) 2-Butanone	4.02	43	17020	4.093 ug/L #	60
35) Methylcyclohexane	6.12	83	20680	0.702 ug/L #	18
48) 2-Hexanone	8.19	43	3080	0.458 ug/L #	44

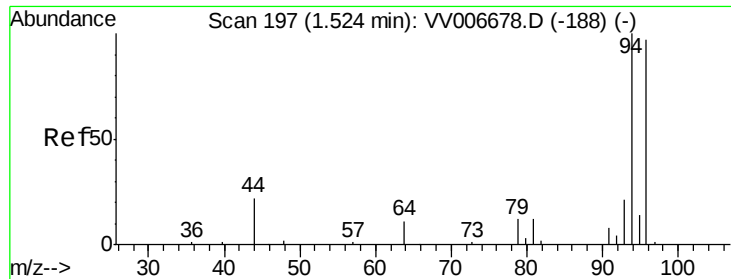
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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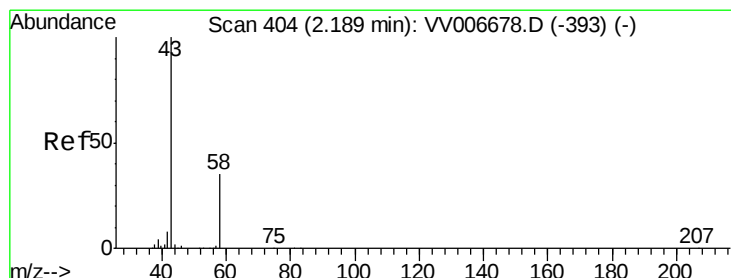
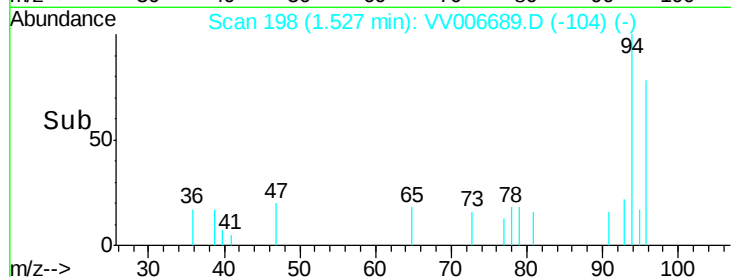
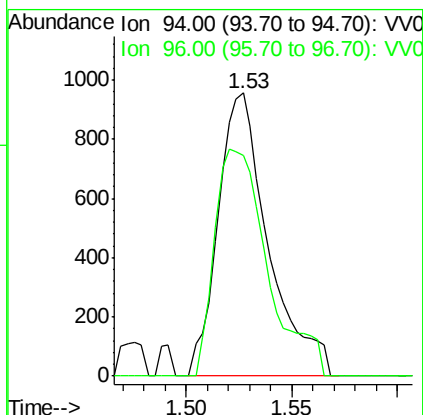
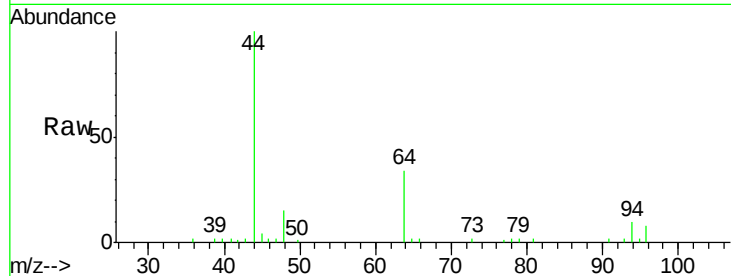




#6
Bromomethane
Concen: 0.253 ug/L
RT: 1.53 min Scan# 198
Delta R.T. 0.00 min
Lab File: VV006689.D
Acq: 21 Jul 2018 16:25

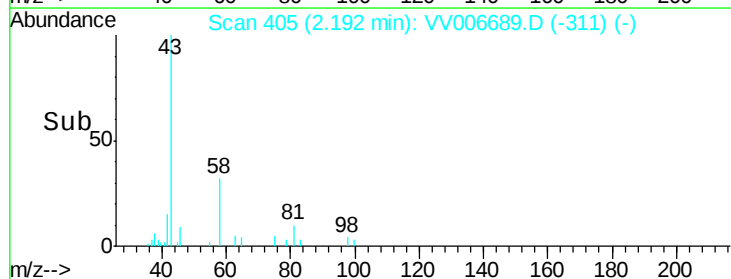
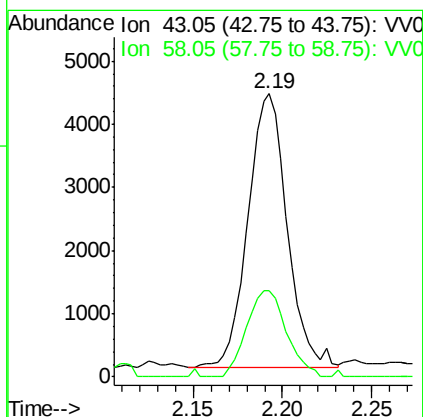
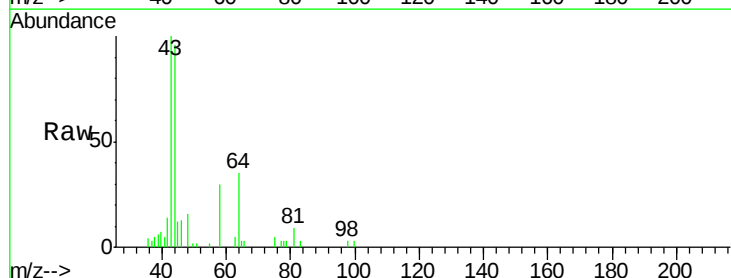
Instrument :
MSVOA_V
ClientSampleId :
C0AA7

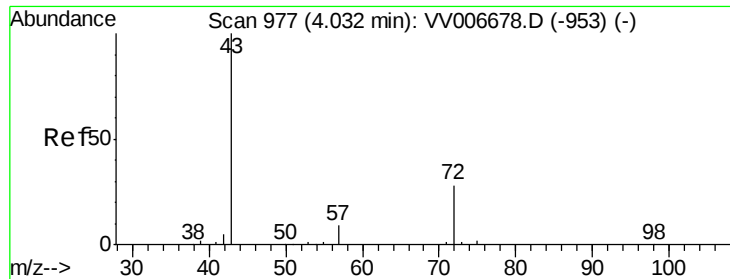
Tgt Ion: 94 Resp: 1582
Ion Ratio Lower Upper
94 100
96 77.7 64.5 119.7



#13
Acetone
Concen: 2.680 ug/L
RT: 2.19 min Scan# 405
Delta R.T. 0.00 min
Lab File: VV006689.D
Acq: 21 Jul 2018 16:25

Tgt Ion: 43 Resp: 6655
Ion Ratio Lower Upper
43 100
58 32.0 0.0 72.8





#21

2-Butanone

Concen: 4.093 ug/L

RT: 4.02 min Scan# 972

Delta R.T. -0.02 min

Lab File: VV006689.D

Acq: 21 Jul 2018 16:25

Instrument :

MSVOA_V

ClientSampleId :

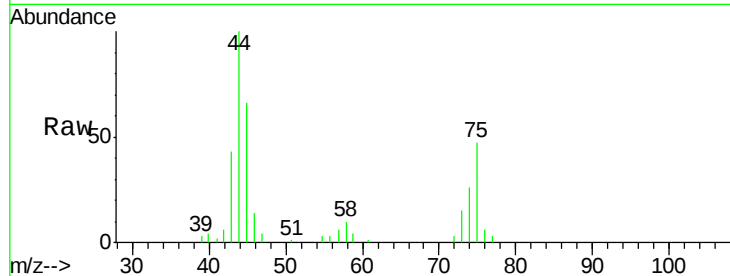
C0AA7

Tgt Ion: 43 Resp: 17020

Ion Ratio Lower Upper

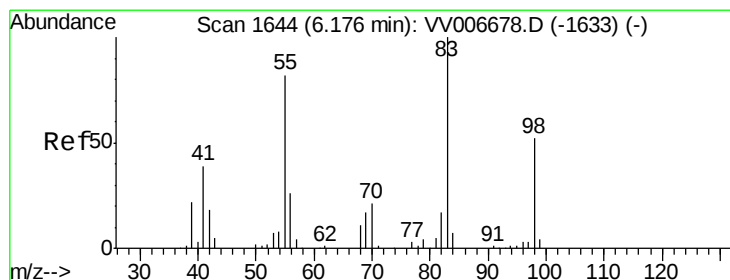
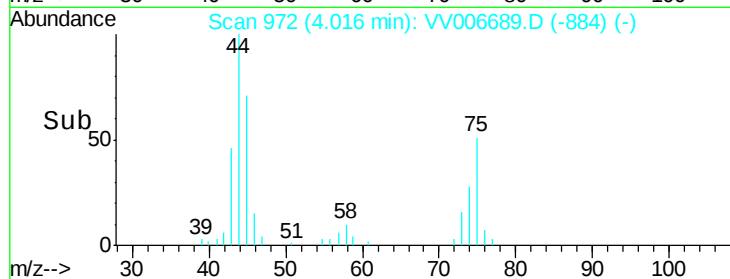
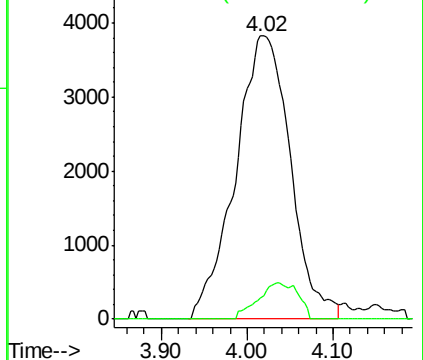
43 100

72 6.8 13.9 41.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006689.D

Acq: 21 Jul 2018 16:25

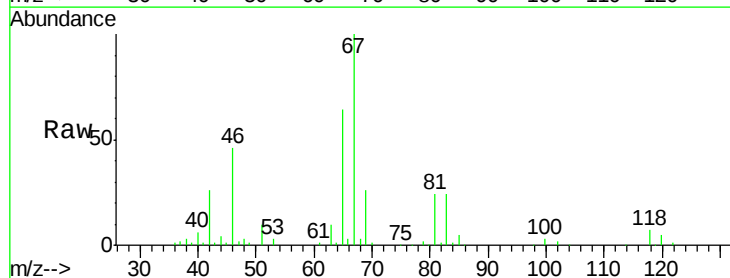
Tgt Ion: 83 Resp: 20680

Ion Ratio Lower Upper

83 100

55 0.1 61.3 91.9#

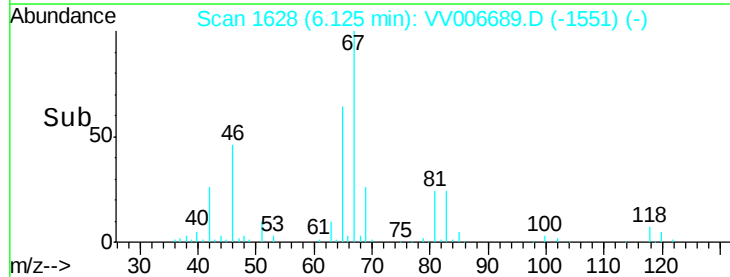
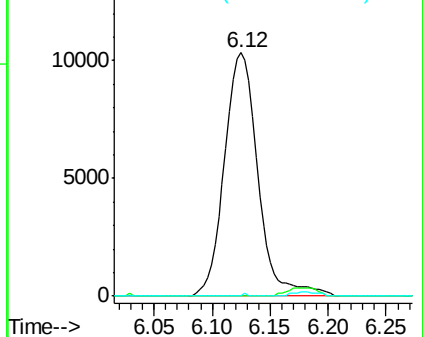
98 0.1 39.4 59.0#

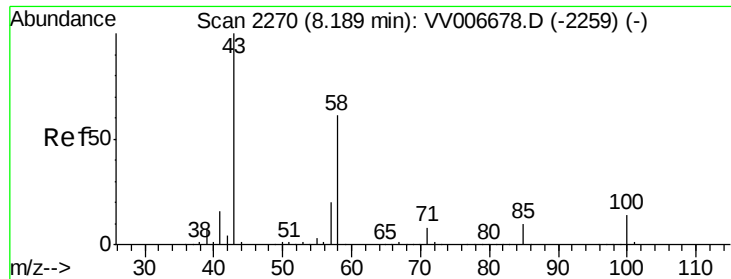


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#48

2-Hexanone

Concen: 0.458 ug/L

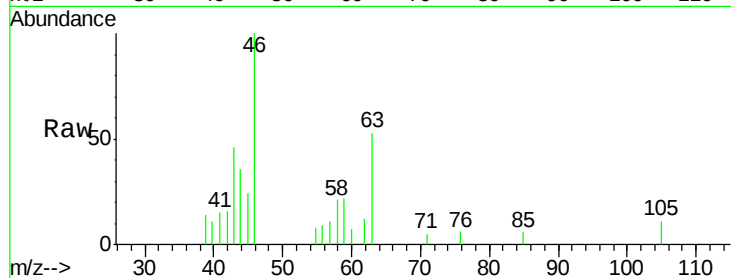
RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006689.D

Acq: 21 Jul 2018 16:25

Instrument :
MSVOA_V
ClientSampleId :
C0AA7



Tgt Ion:	43	Resp:	3080
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.2	72.2#
57	19.2	16.2	24.4
100	0.0	11.0	16.4#

