

Data File : VW005384.D
Acq On : 14 Sep 2018 13:57
Operator : SY/AP
Sample : J4865-01
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3N1RE

Quant Time: Sep 14 23:16:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	258529	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	227358	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	80889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78322	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.00%
7) Chloroethane-d5	2.89	69	62708	29.72	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.88%
10) 1,1-Dichloroethene-d2	4.03	63	106298	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.09	46	37623	33.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.96%
24) Chloroform-d	7.65	84	149047	30.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.64%
26) 1,2-Dichloroethane-d4	8.32	65	92051	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.40%
29) Benzene-d6	8.28	84	288857	31.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.60%
33) 1,2-Dichloropropane-d6	9.28	67	88803	34.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.32%#
37) Toluene-d8	10.33	98	272515	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.88%
38) trans-1,3-Dichloropropene-	10.59	79	37336	28.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.56%
39) 2-Hexanone-d5	10.93	63	29623	36.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61197	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	68370	28.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.64%

Target Compounds

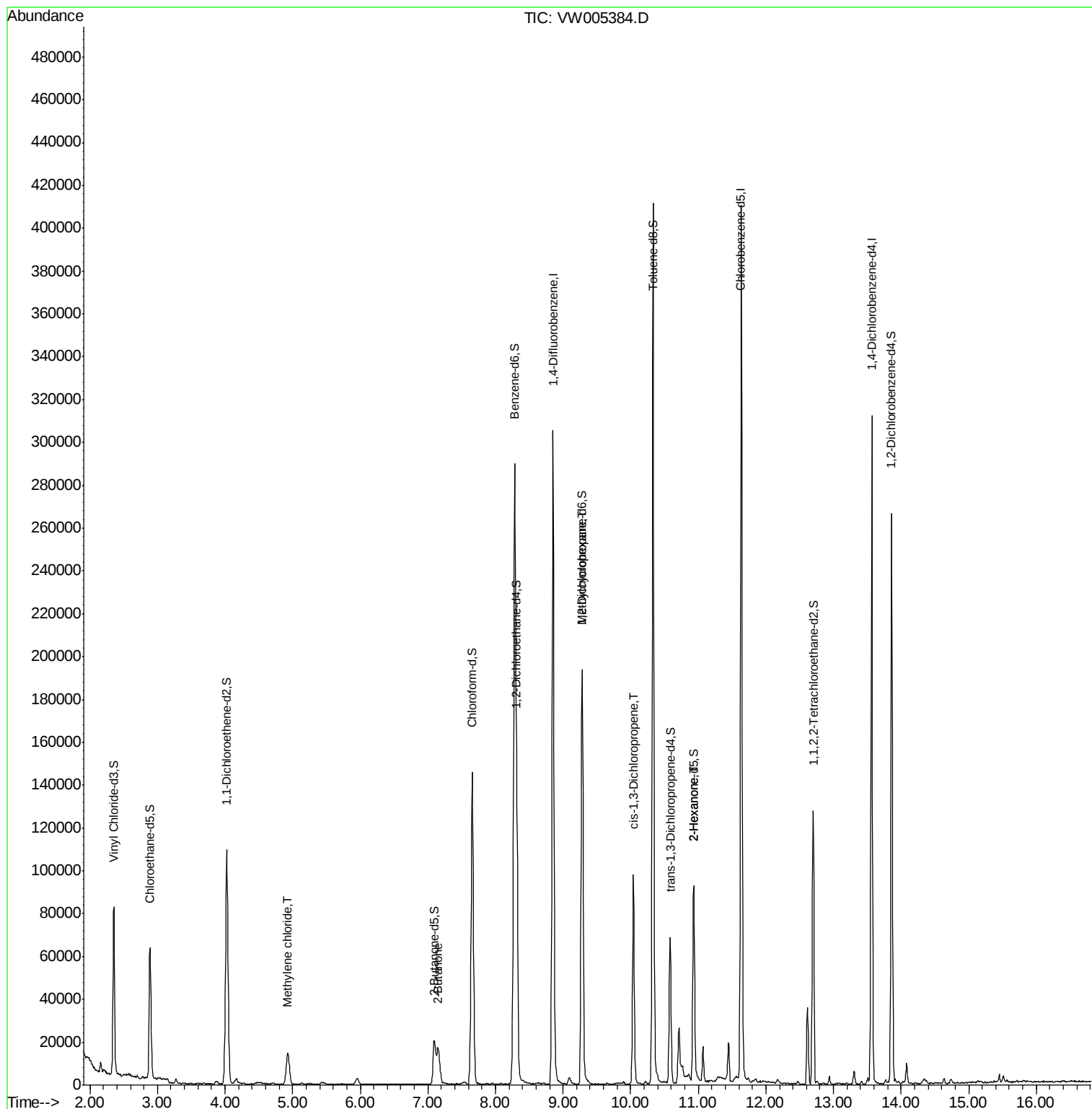
					Qvalue
16) Methylene chloride	4.92	84	11501	2.343 ug/L	96
21) 2-Butanone	7.16	43	1567	0.969 ug/L #	52
36) Methylcyclohexane	9.28	83	22160	3.798 ug/L #	17
42) cis-1,3-Dichloropropene	10.04	75	2702	0.585 ug/L #	66
49) 2-Hexanone	10.93	43	4057	1.846 ug/L #	70

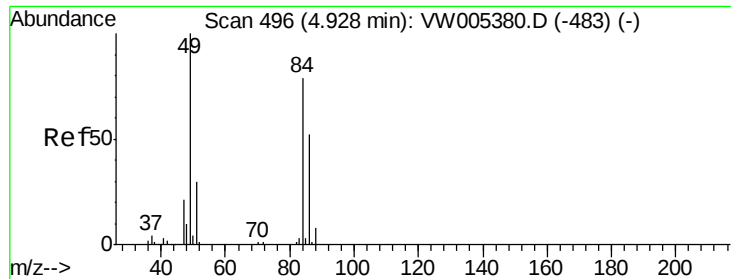
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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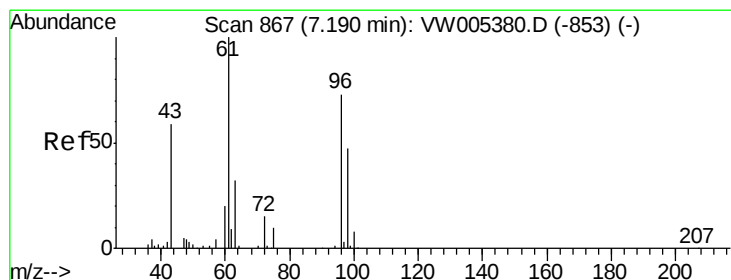
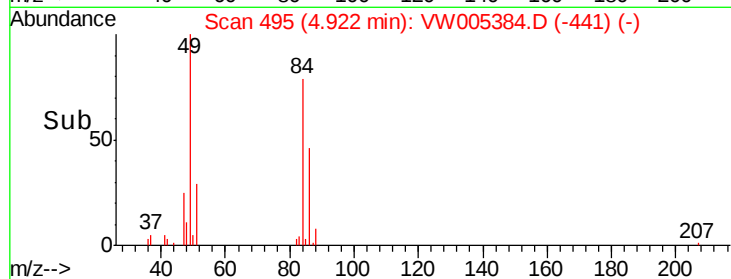
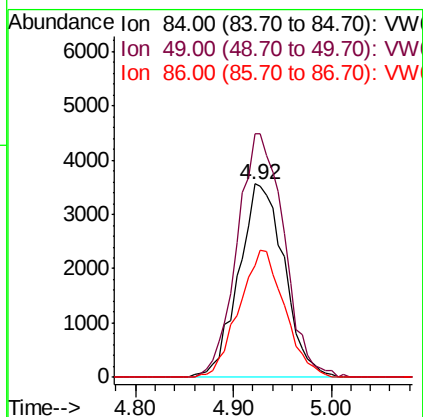
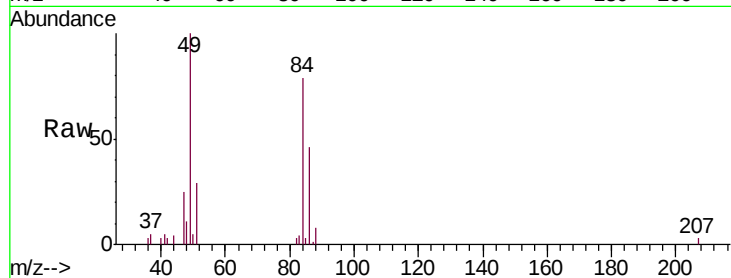




#16
Methylene chloride
Concen: 2.343 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
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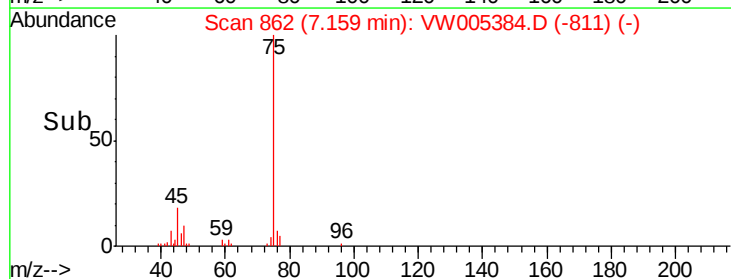
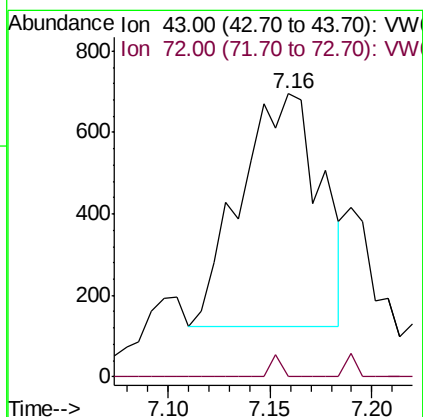
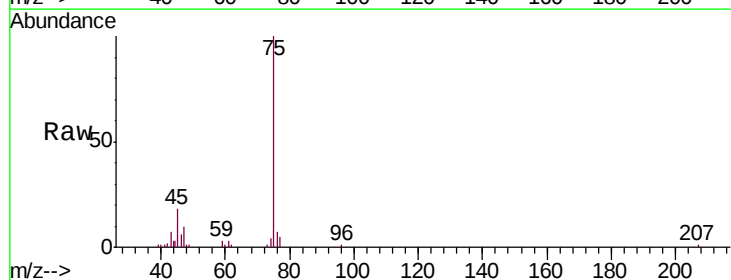
Instrument :
MSVOA_W
ClientSampleId :
DB3N1RE

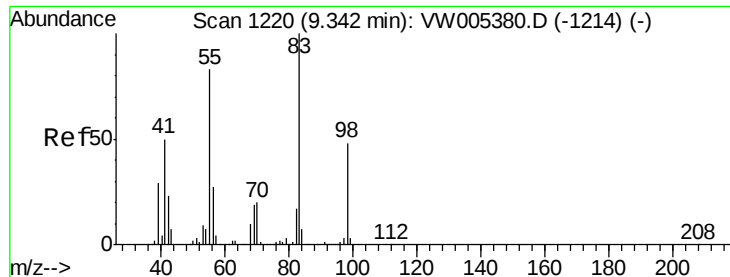
Tgt Ion: 84 Resp: 11501
Ion Ratio Lower Upper
84 100
49 125.9 90.9 168.7
86 57.6 43.6 81.0



#21
2-Butanone
Concen: 0.969 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005384.D
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Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#

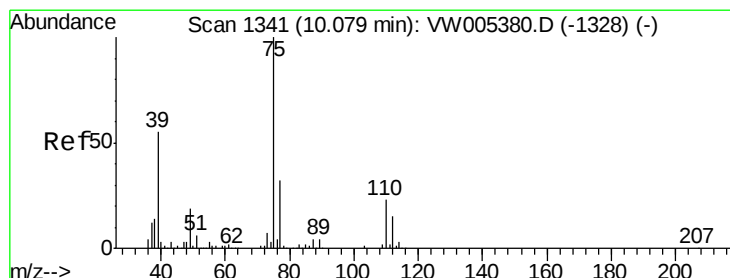
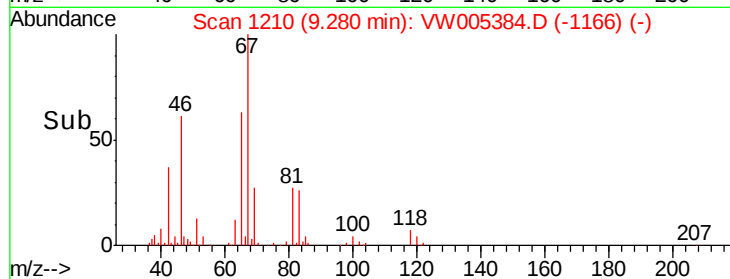
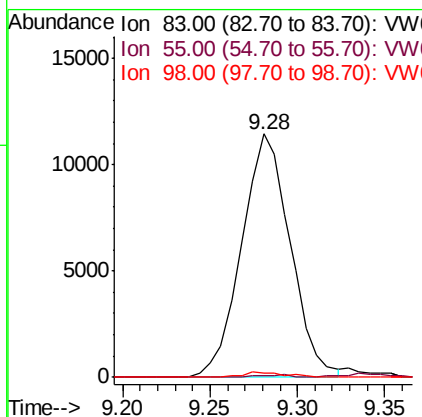
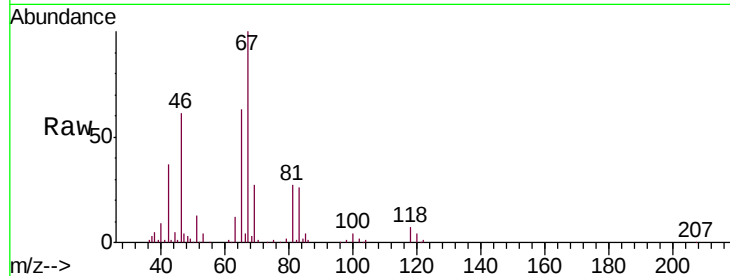




#36
Methylcyclohexane
Concen: 3.798 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005384.D
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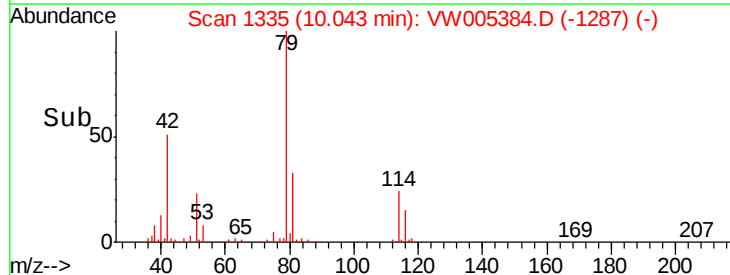
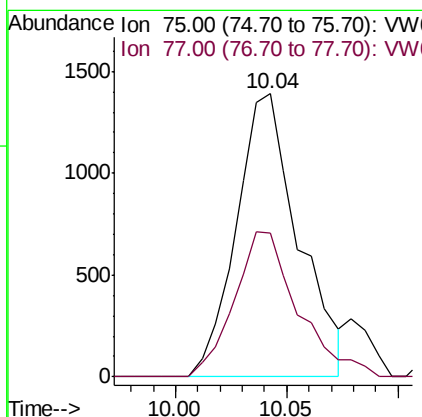
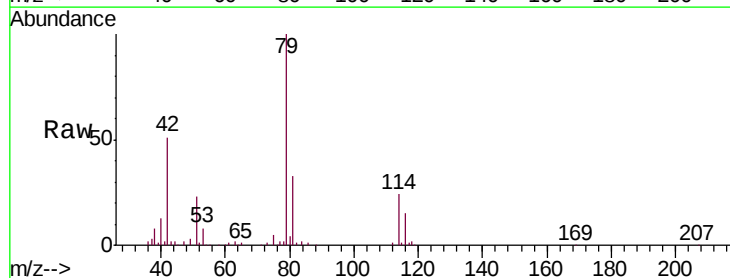
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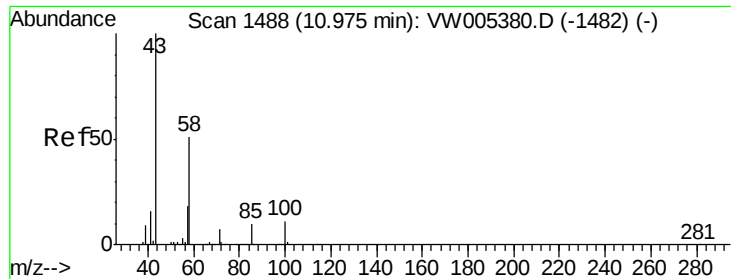
Tgt Ion: 83 Resp: 22160
Ion Ratio Lower Upper
83 100
55 0.3 66.4 99.6#
98 2.0 37.3 55.9#



#42
cis-1,3-Dichloropropene
Concen: 0.585 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW005384.D
Acq: 14 Sep 2018 13:57

Tgt Ion: 75 Resp: 2702
Ion Ratio Lower Upper
75 100
77 50.6 22.3 41.3#





#49

2-Hexanone

Concen: 1.846 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005384.D

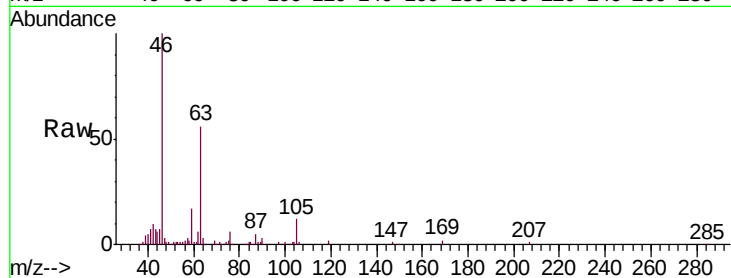
Acq: 14 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

DB3N1RE



Tgt Ion:	43	Resp:	4057
Ion	Ratio	Lower	Upper
43	100		
58	29.7	41.6	62.4#
57	36.6	15.0	22.6#
100	7.7	8.6	12.8#

