

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052906.D
 Acq On : 01 Feb 2023 15:32
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK109

Quant Time: Feb 01 20:05:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

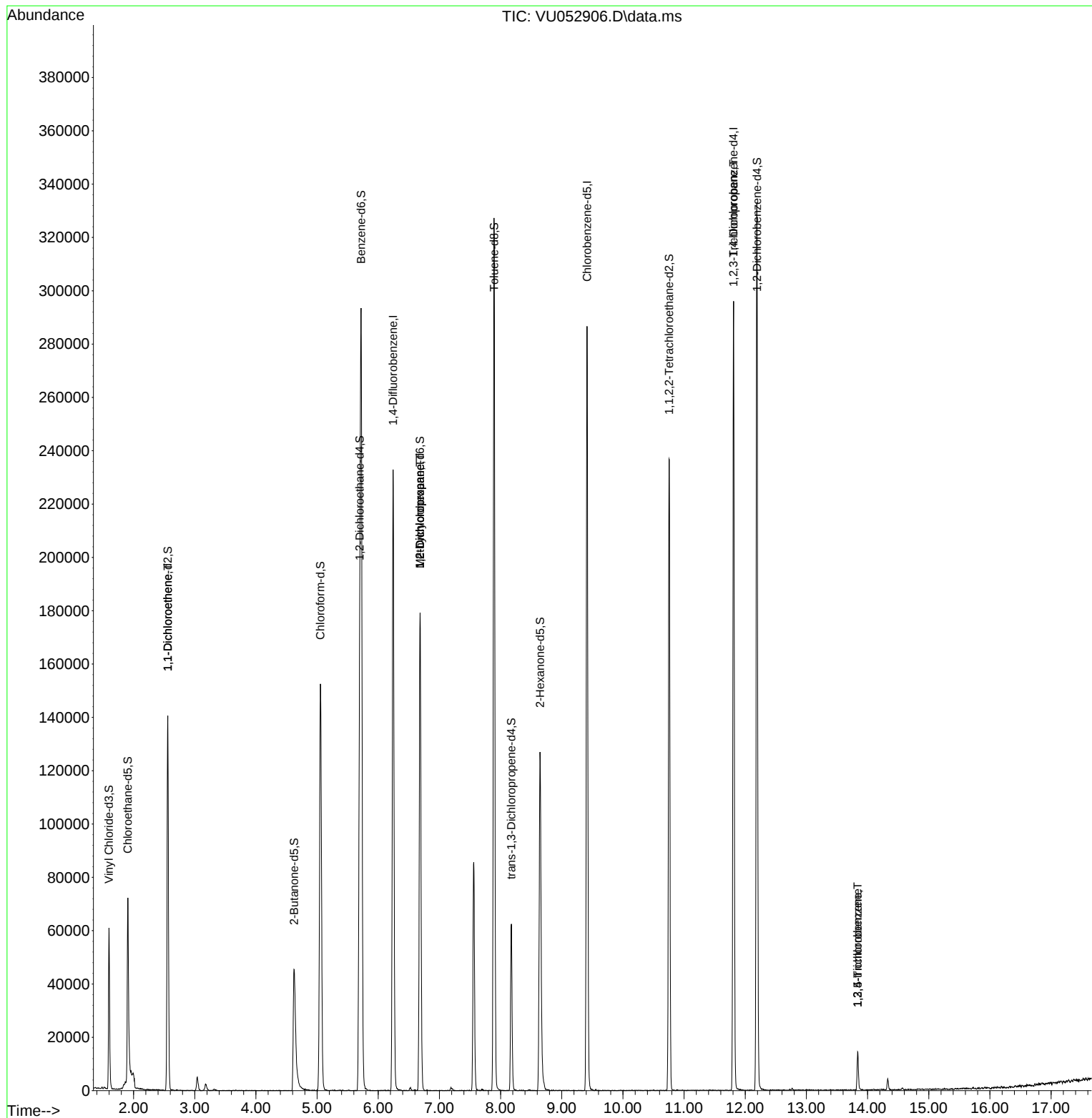
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	192652	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48541	35.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.020%
7) Chloroethane-d5	1.906	69	56003	49.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.040%
11) 1,1-Dichloroethene-d2	2.559	63	79684	28.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.780%#
21) 2-Butanone-d5	4.623	46	73945	86.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.320%
24) Chloroform-d	5.054	84	149572	50.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	5.697	65	101765	53.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.720%
32) Benzene-d6	5.719	84	277635	52.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.740%
36) 1,2-Dichloropropane-d6	6.684	67	80171	52.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.100%
41) Toluene-d8	7.893	98	219468	45.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.176	79	36925	47.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.660%
47) 2-Hexanone-d5	8.645	63	48121	88.923	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	109443	48.096	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	96665	58.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.920%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.559	96	782	0.549	ug/L #	1
35) Methylcyclohexane	6.684	83	21576	9.167	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	9563	6.648	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	8105	4.907	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.838	180	5814	2.830	ug/L	93
70) 1,2,4-trichlorobenzene	13.838	180	5814	3.376	ug/L	92

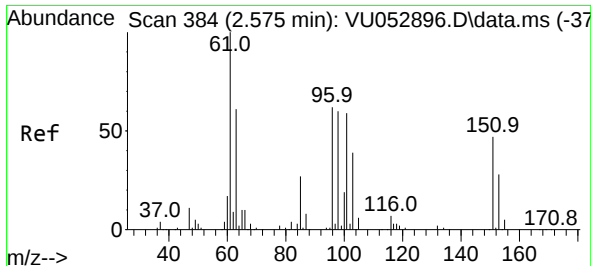
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.549 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU052906.D

Acq: 01 Feb 2023 15:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK109

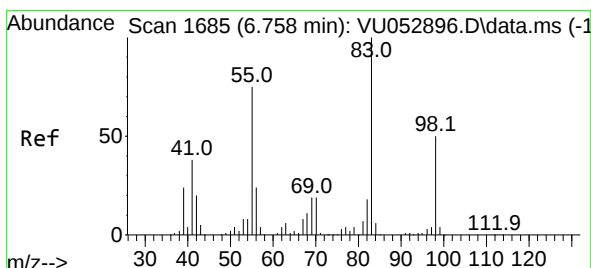
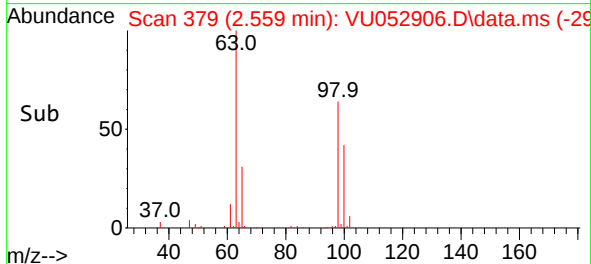
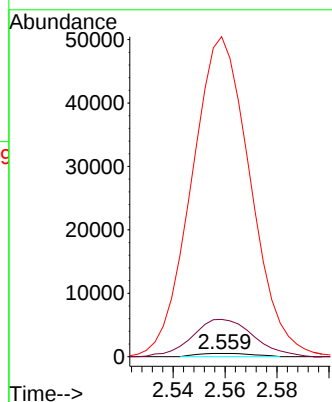
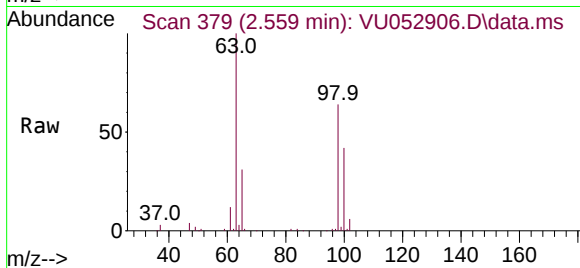
Tgt Ion: 96 Resp: 782

Ion Ratio Lower Upper

96 100

61 1146.0 114.3 212.3#

63 9837.0 80.6 149.6#



#35

Methylcyclohexane

Concen: 9.167 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

Lab File: VU052906.D

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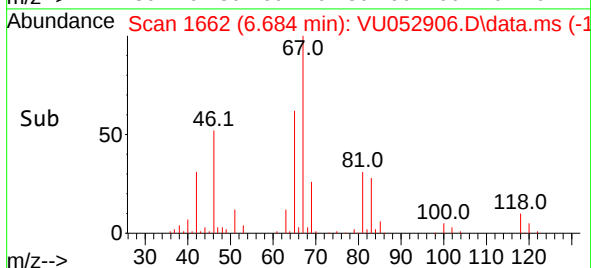
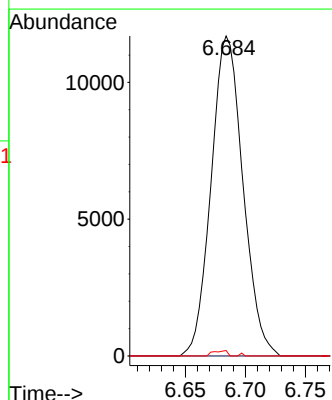
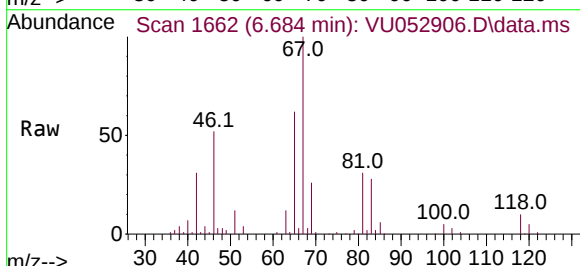
Tgt Ion: 83 Resp: 21576

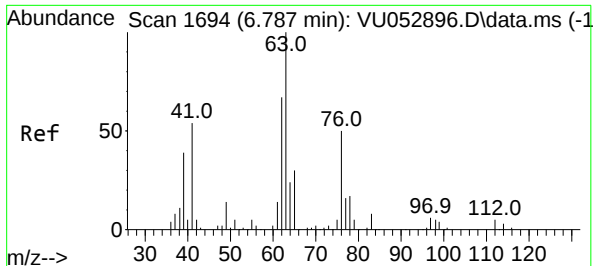
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.3 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 6.648 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

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ClientSampleId :

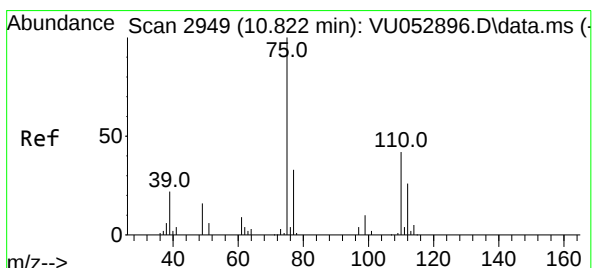
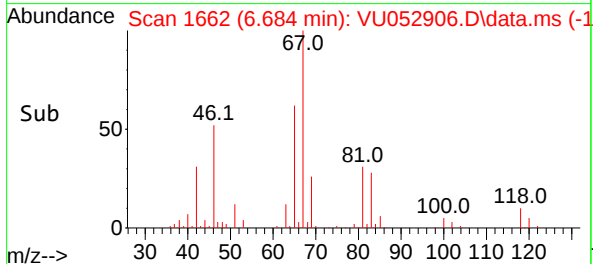
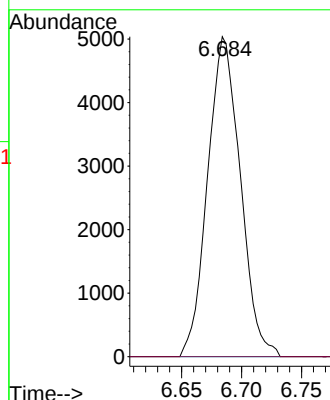
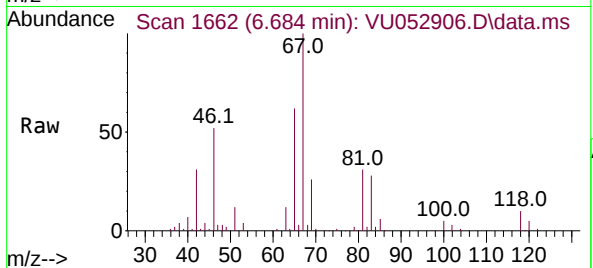
VIBLK109

Tgt Ion: 63 Resp: 9563

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 4.907 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU052906.D

Acq: 01 Feb 2023 15:32

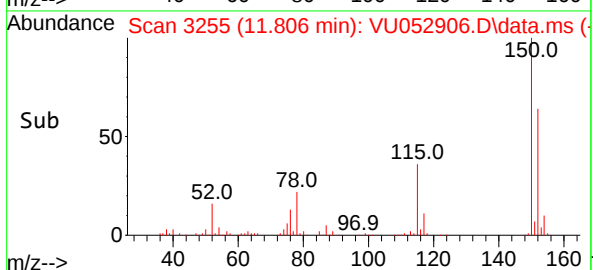
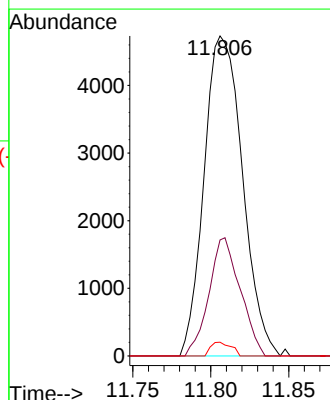
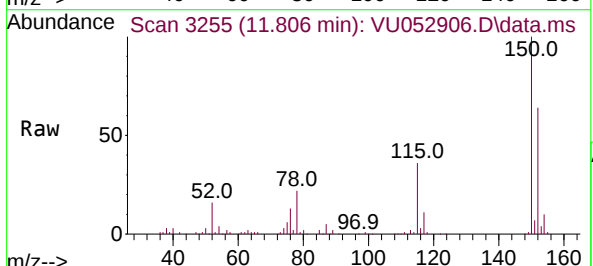
Tgt Ion: 75 Resp: 8105

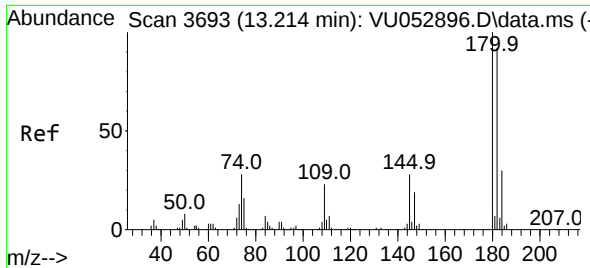
Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.8

110 2.3 32.4 48.6#

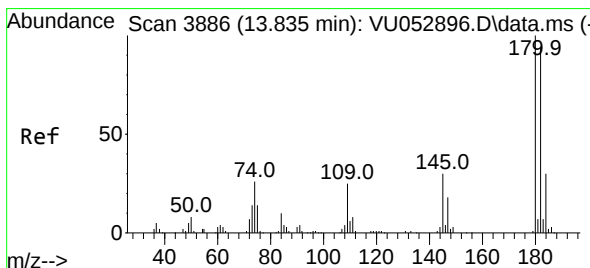
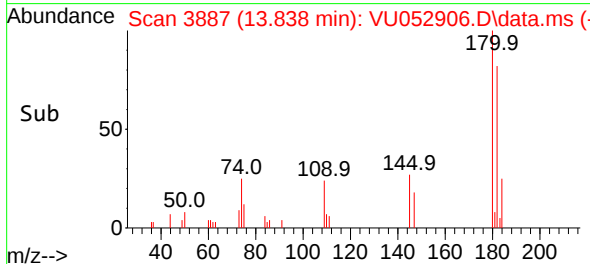
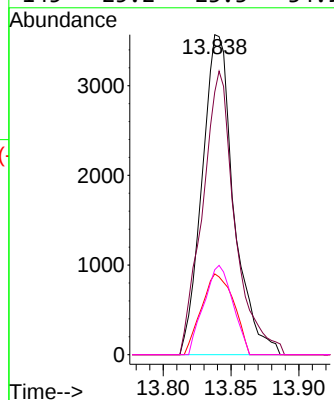
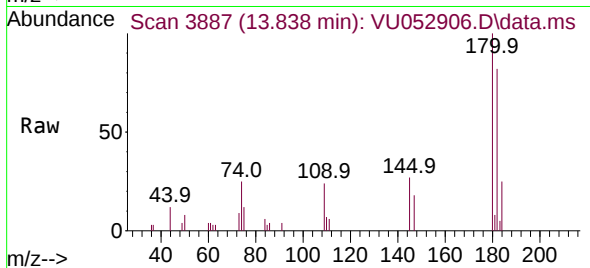




#69
 1,3,5-Trichlorobenzene
 Concen: 2.830 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.624 min
 Lab File: VU052906.D
 Acq: 01 Feb 2023 15:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK109

Tgt Ion:180	Resp:	5814
Ion Ratio	Lower	Upper
180	100	
182	90.2	77.0 115.6
184	25.7	24.4 36.6
145	25.2	23.3 34.9



#70
 1,2,4-trichlorobenzene
 Concen: 3.376 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052906.D
 Acq: 01 Feb 2023 15:32

Tgt Ion:180	Resp:	5814
Ion Ratio	Lower	Upper
180	100	
182	90.2	78.2 117.2
145	25.2	23.4 35.2

