

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020741.D
 Acq On : 24 Mar 2021 16:51
 Operator : SY/MD
 Sample : M1783-05DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G11DL

Quant Time: Mar 25 03:16:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 03:10:36 2021
 Response via : Initial Calibration

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

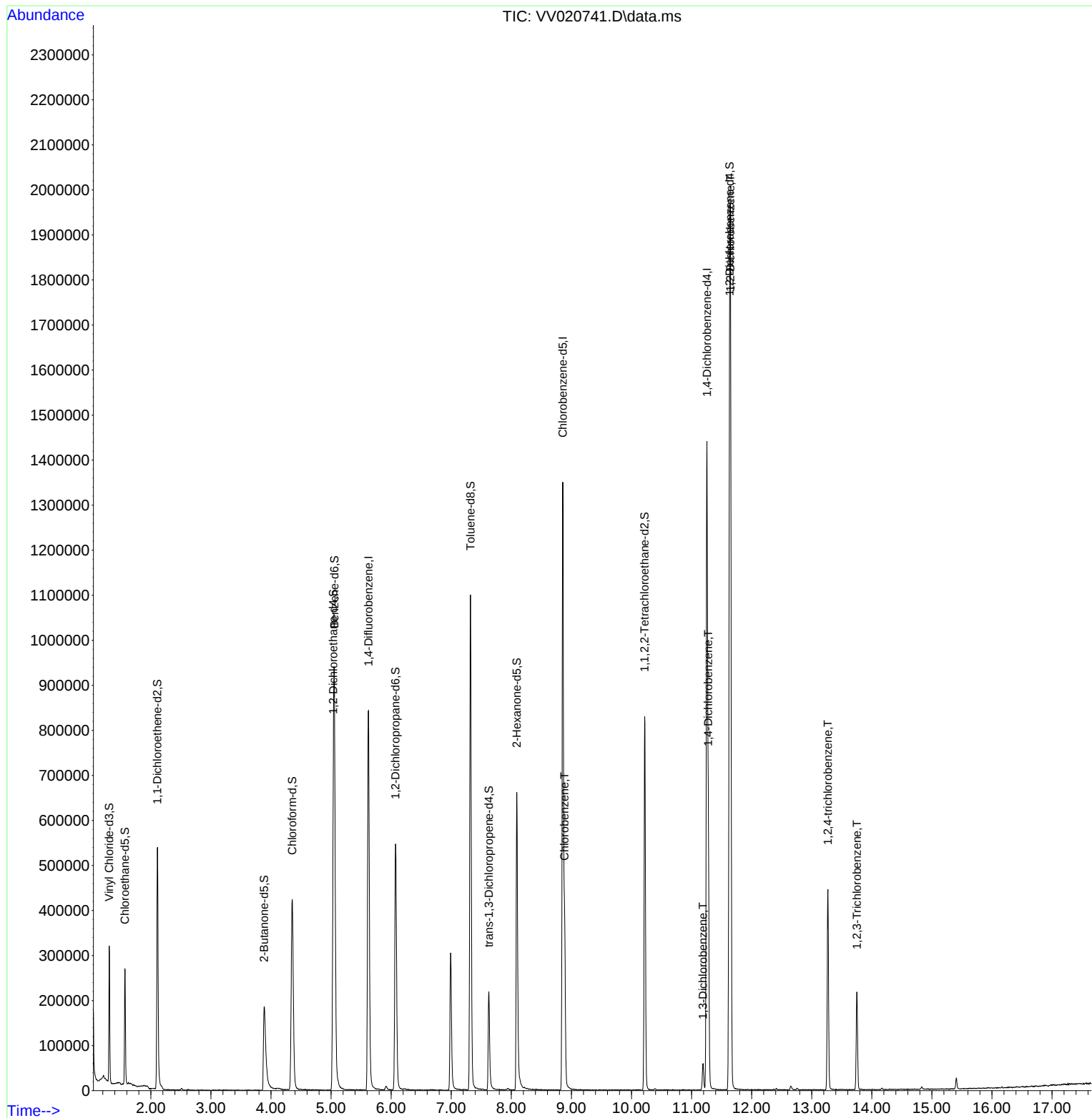
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	712399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	696175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	349356	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	179186	35.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.86%
7) Chloroethane-d5	1.568	69	151518	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.26%
11) 1,1-Dichloroethene-d2	2.108	63	280689	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	3.886	46	306364	93.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.11%
24) Chloroform-d	4.352	84	432254	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.037	65	299365	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
32) Benzene-d6	5.053	84	792186	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
36) 1,2-Dichloropropane-d6	6.072	67	252155	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.52%
41) Toluene-d8	7.320	98	705674	40.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.70%
43) trans-1,3-Dichloroprop...	7.625	79	124133	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.092	63	229120	95.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.92%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	371599	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.632	152	319414	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.886	112	196896	14.05	ug/L	97
62) 1,3-Dichlorobenzene	11.191	146	23562	2.21	ug/L	95
63) 1,4-Dichlorobenzene	11.278	146	218003	19.66	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	619609	58.97	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	134368	19.18	ug/L	98
70) 1,2,3-Trichlorobenzene	13.754	180	65983	9.40	ug/L	99

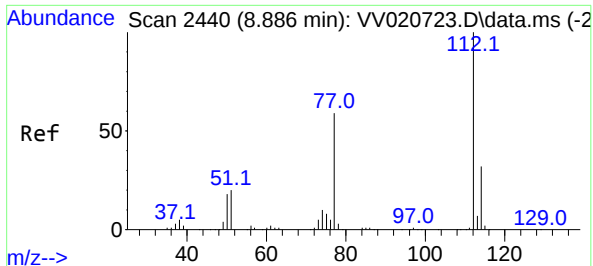
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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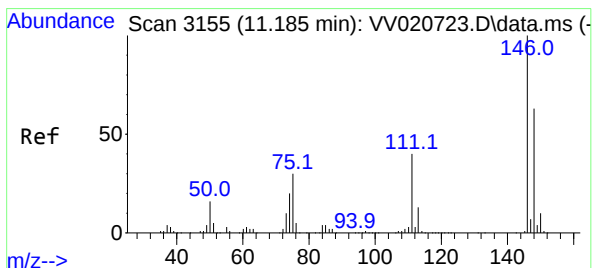
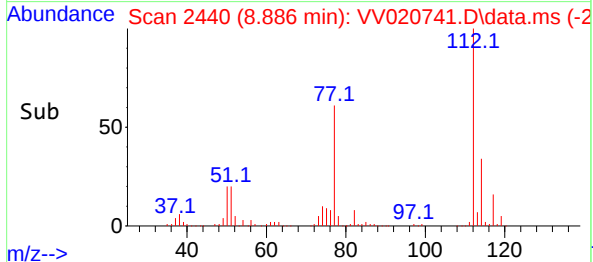
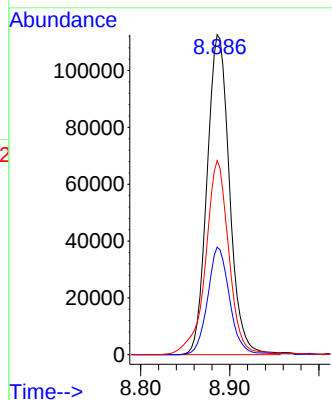
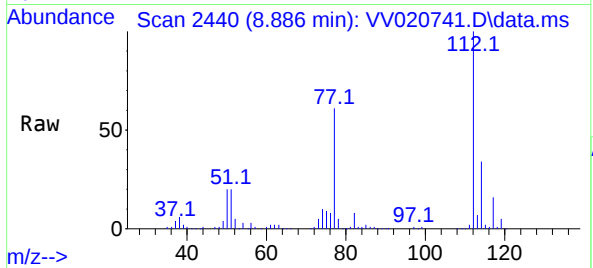




#51
Chlorobenzene
Concen: 14.05 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

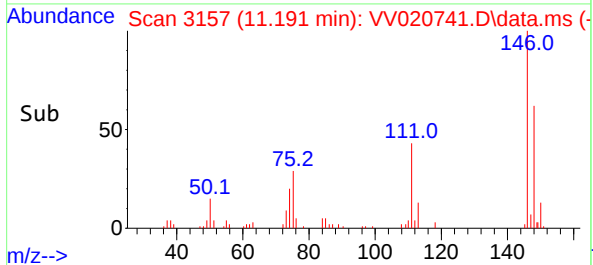
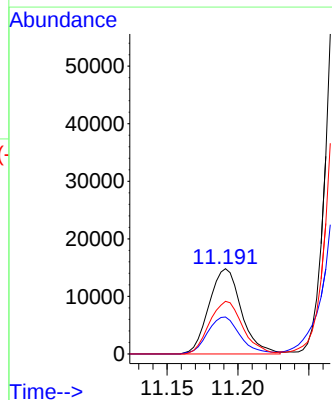
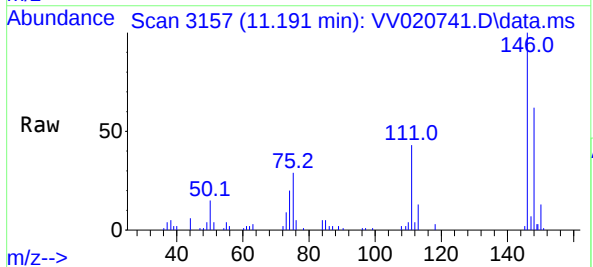
Instrument :
MSVOA_V
ClientSampleId :
C0G11DL

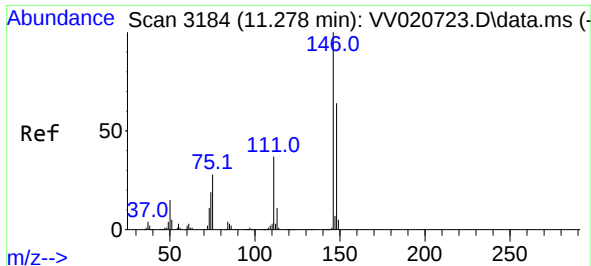
Tgt Ion:112 Resp: 196896
Ion Ratio Lower Upper
112 100
114 33.6 22.4 41.6
77 60.7 46.7 70.1



#62
1,3-Dichlorobenzene
Concen: 2.21 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.006 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

Tgt Ion:146 Resp: 23562
Ion Ratio Lower Upper
146 100
111 43.4 27.4 51.0
148 61.7 44.9 83.5

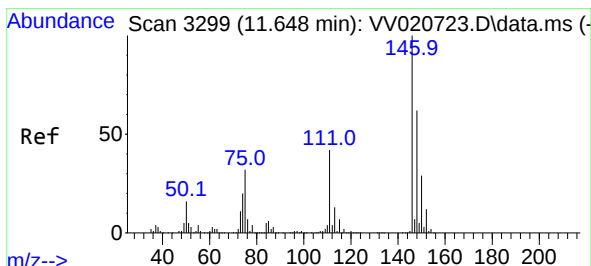
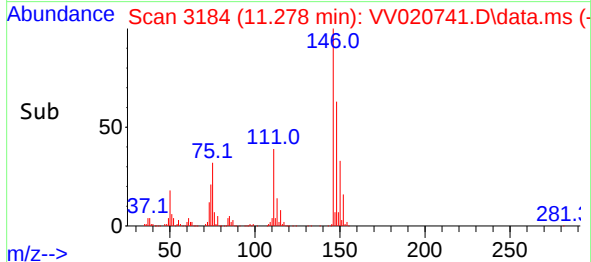
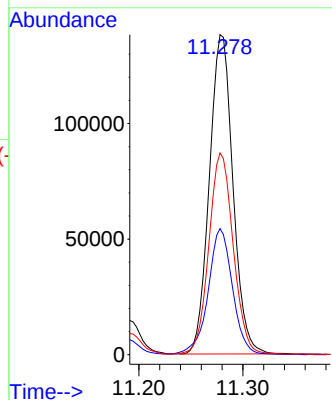
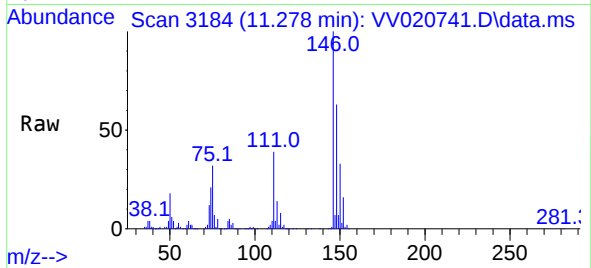




#63
1,4-Dichlorobenzene
Concen: 19.66 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

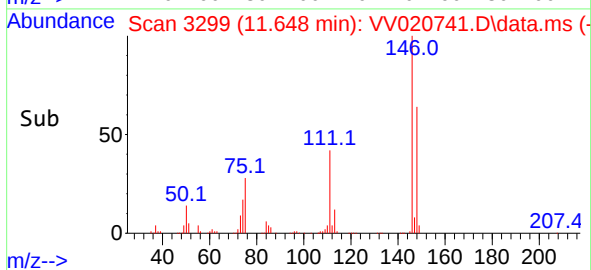
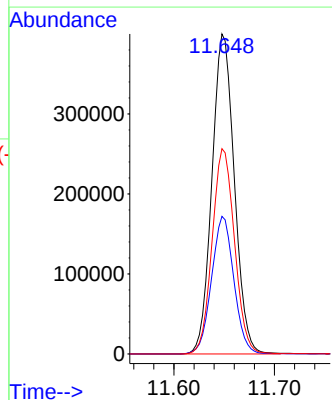
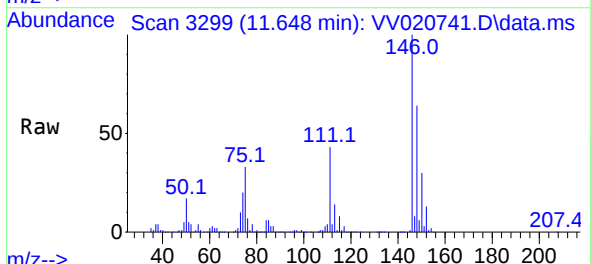
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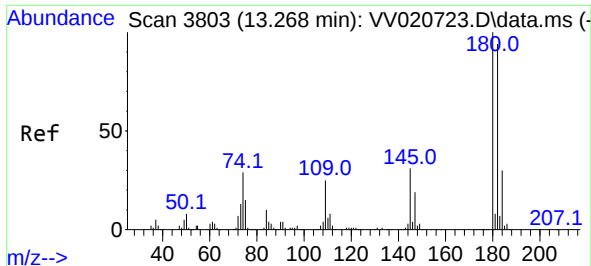
Tgt Ion:146 Resp: 218003
Ion Ratio Lower Upper
146 100
111 39.4 26.0 48.4
148 63.1 44.1 81.9



#65
1,2-Dichlorobenzene
Concen: 58.97 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

Tgt Ion:146 Resp: 619609
Ion Ratio Lower Upper
146 100
111 43.0 34.1 51.1
148 64.2 51.4 77.0

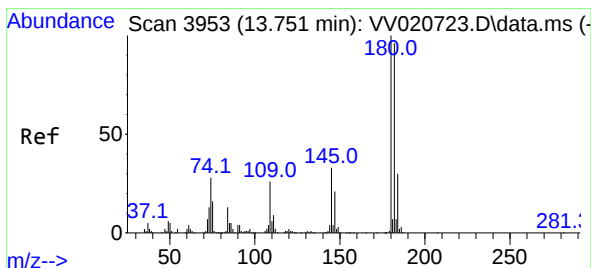
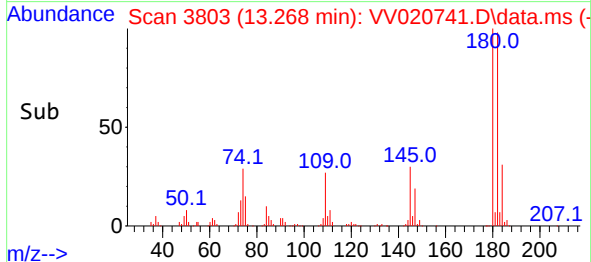
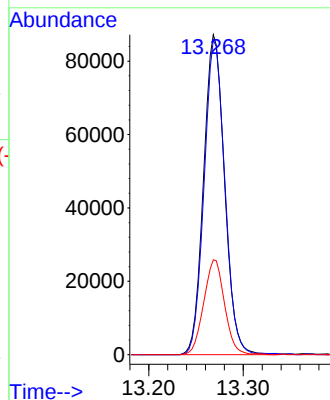
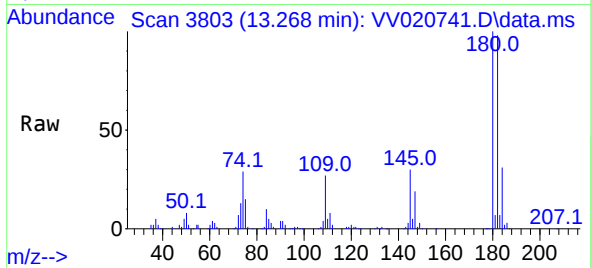




#68
1,2,4-trichlorobenzene
Concen: 19.18 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

Instrument :
MSVOA_V
ClientSampleId :
C0G11DL

Tgt Ion:	180	Resp:	134368
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.8	113.6
145	29.3	23.9	35.9



#70
1,2,3-Trichlorobenzene
Concen: 9.40 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020741.D
Acq: 24 Mar 2021 16:51

Tgt Ion:	180	Resp:	65983
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.2	112.8
145	31.5	25.5	38.3

