

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046125.D
 Acq On : 06 Dec 2021 20:35
 Operator : SY/MD
 Sample : M4883-17ME
 Misc : 2.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW9H3ME

Quant Time: Dec 07 01:13:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

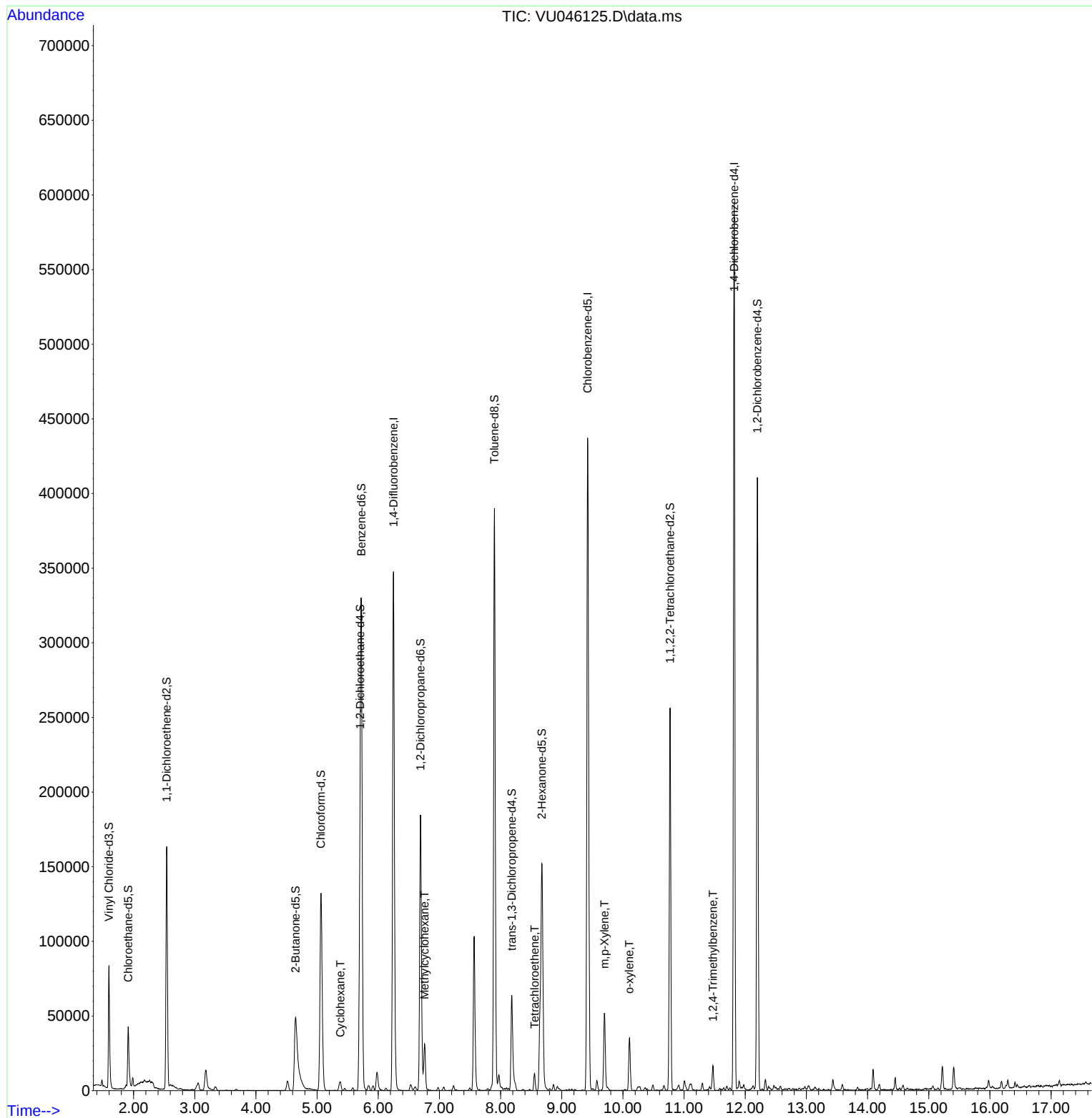
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	309748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	160197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70686	26.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	53.480%#		
7) Chloroethane-d5	1.912	69	38308	18.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	37.740%#		
11) 1,1-Dichloroethene-d2	2.543	63	98613	20.778	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	41.560%#		
21) 2-Butanone-d5	4.649	46	124330	59.159	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	59.160%		
24) Chloroform-d	5.063	84	132730	30.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	60.120%#		
26) 1,2-Dichloroethane-d4	5.703	65	93509	31.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	63.120%#		
32) Benzene-d6	5.723	84	300885	33.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.780%#		
36) 1,2-Dichloropropane-d6	6.690	67	94937	34.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	69.000%#		
41) Toluene-d8	7.899	98	276800	34.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.480%#		
43) trans-1,3-Dichloroprop...	8.182	79	45495	34.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.500%		
47) 2-Hexanone-d5	8.674	63	94054	72.097	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.100%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	130879	31.366	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	62.740%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	108810	35.269	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.540%#		
Target Compounds						Qvalue
29) Cyclohexane	5.382	56	3292	0.913	ug/L	96
35) Methylcyclohexane	6.758	83	13416	3.503	ug/L	96
46) Tetrachloroethene	8.555	164	2762	1.522	ug/L	92
53) m,p-Xylene	9.700	106	18069	4.280	ug/L	91
54) o-xylene	10.105	106	11368	2.775	ug/L	96
63) 1,2,4-Trimethylbenzene	11.471	105	8987	1.034	ug/L	97

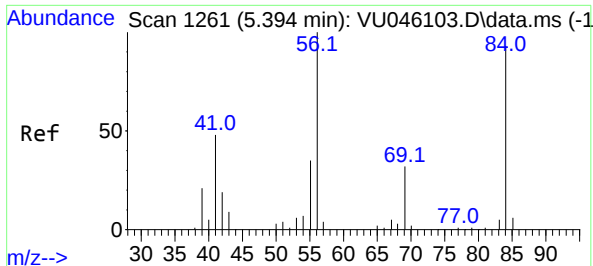
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 0.913 ug/L

RT: 5.382 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU046125.D

Acq: 06 Dec 2021 20:35

Instrument :

MSVOA_U

ClientSampleId :

EW9H3ME

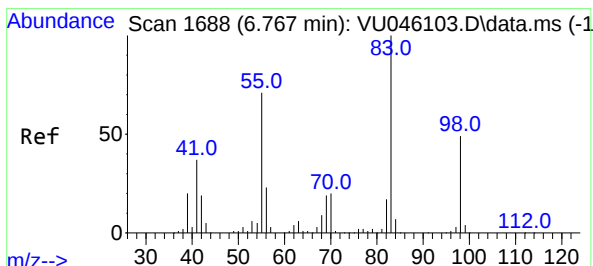
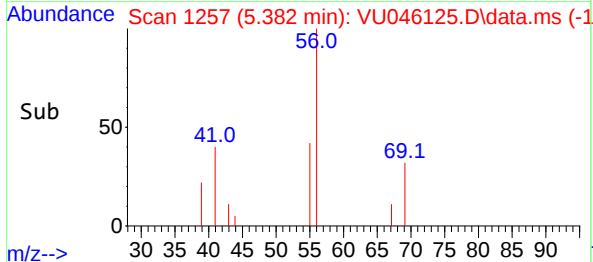
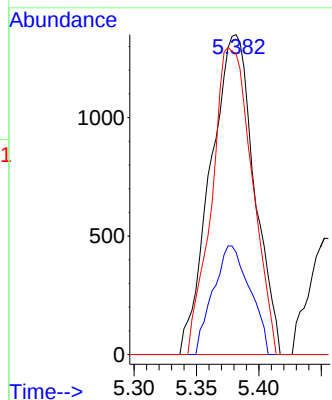
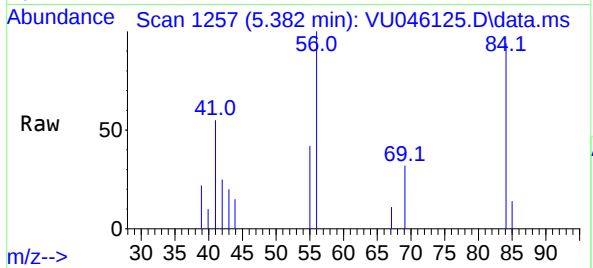
Tgt Ion: 56 Resp: 3292

Ion Ratio Lower Upper

56 100

69 28.6 25.2 37.8

84 88.4 73.3 109.9



#35

Methylcyclohexane

Concen: 3.503 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.010 min

Lab File: VU046125.D

Acq: 06 Dec 2021 20:35

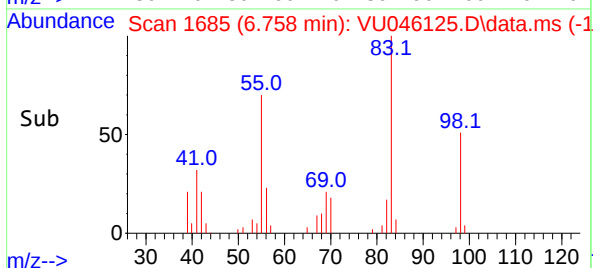
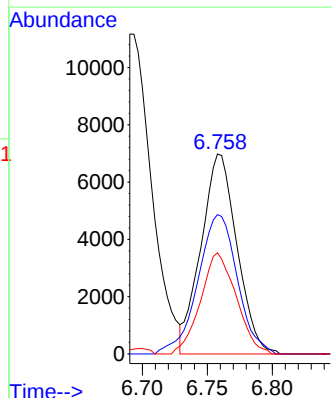
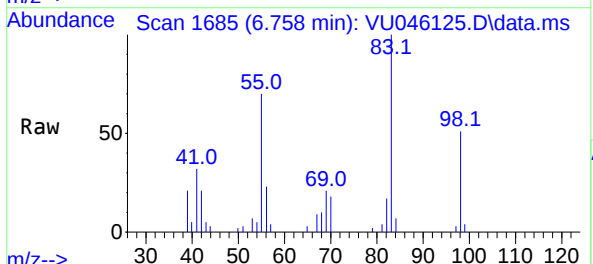
Tgt Ion: 83 Resp: 13416

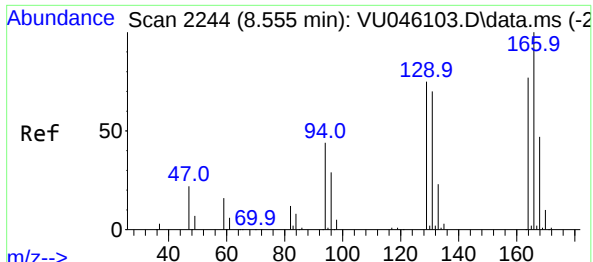
Ion Ratio Lower Upper

83 100

55 76.5 57.8 86.6

98 50.2 38.4 57.6



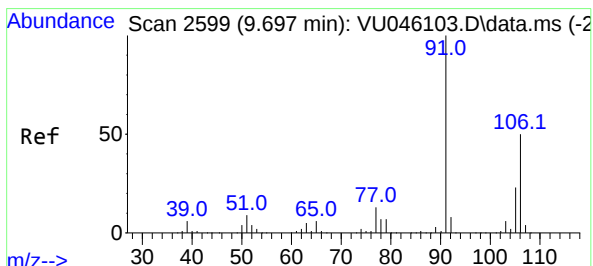
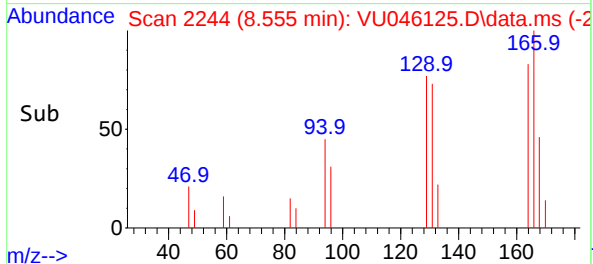
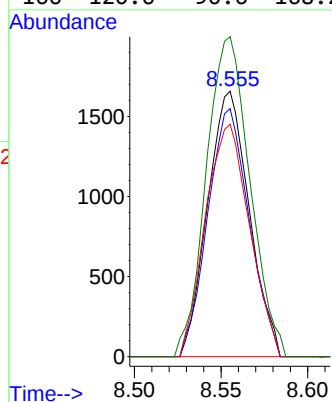
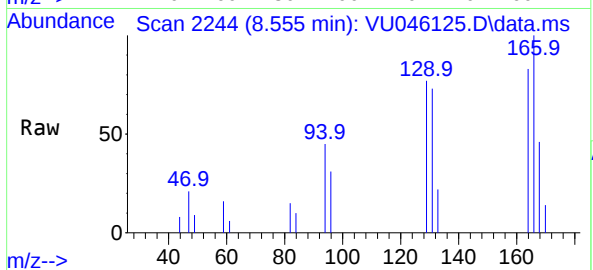


#46
Tetrachloroethene
Concen: 1.522 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Instrument :
MSVOA_U
ClientSampleId :
EW9H3ME

Tgt Ion:164 Resp: 2762

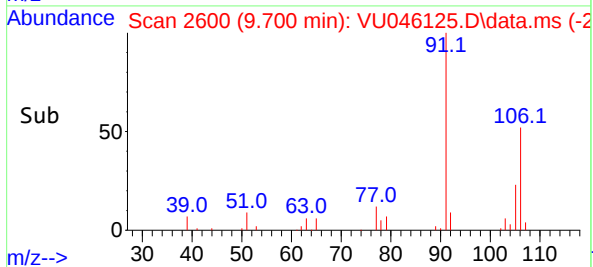
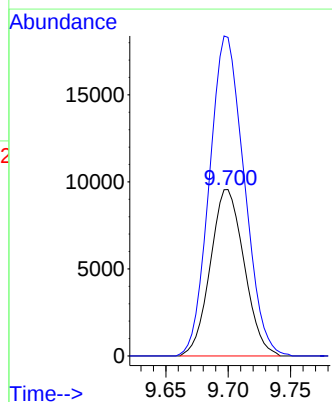
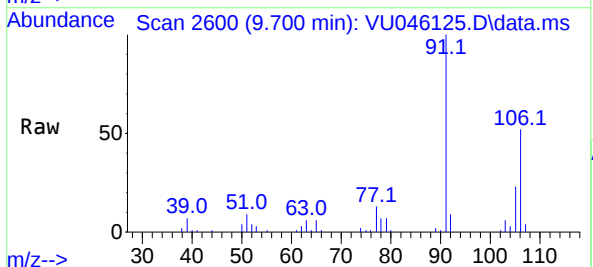
Ion	Ratio	Lower	Upper
164	100		
129	93.4	71.1	132.1
131	87.6	67.8	126.0
166	120.6	90.6	168.2

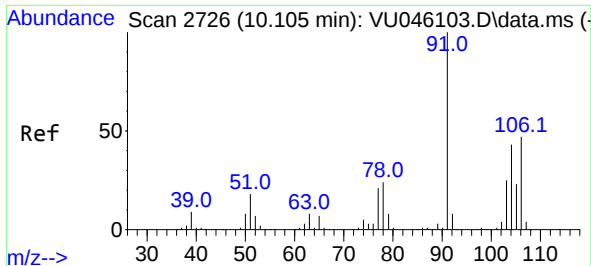


#53
m,p-Xylene
Concen: 4.280 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Tgt Ion:106 Resp: 18069

Ion	Ratio	Lower	Upper
106	100		
91	191.5	144.3	268.1

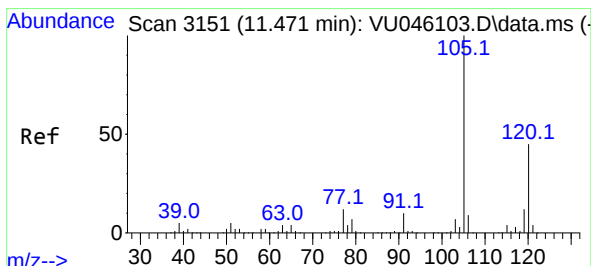
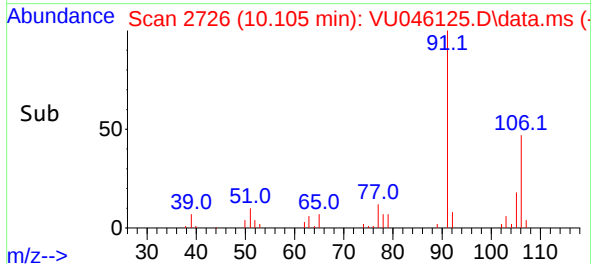
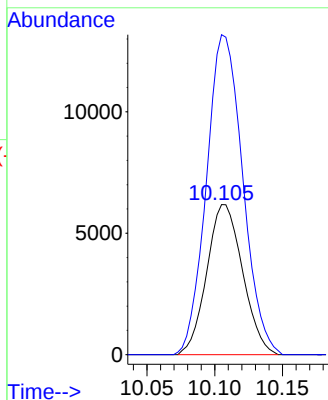
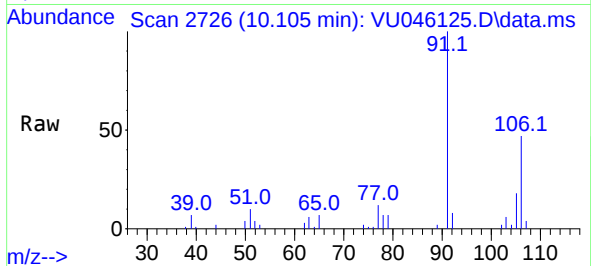




#54
o-xylene
Concen: 2.775 ug/L
RT: 10.105 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Instrument :
MSVOA_U
ClientSampleId :
EW9H3ME

Tgt Ion:106 Resp: 11368
Ion Ratio Lower Upper
106 100
91 213.1 154.2 286.4



#63
1,2,4-Trimethylbenzene
Concen: 1.034 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU046125.D
Acq: 06 Dec 2021 20:35

Tgt Ion:105 Resp: 8987
Ion Ratio Lower Upper
105 100
120 45.9 35.2 52.8

