

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046282.D
 Acq On : 11 Dec 2021 13:35
 Operator : SY/MD
 Sample : M4960-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:38:15 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)

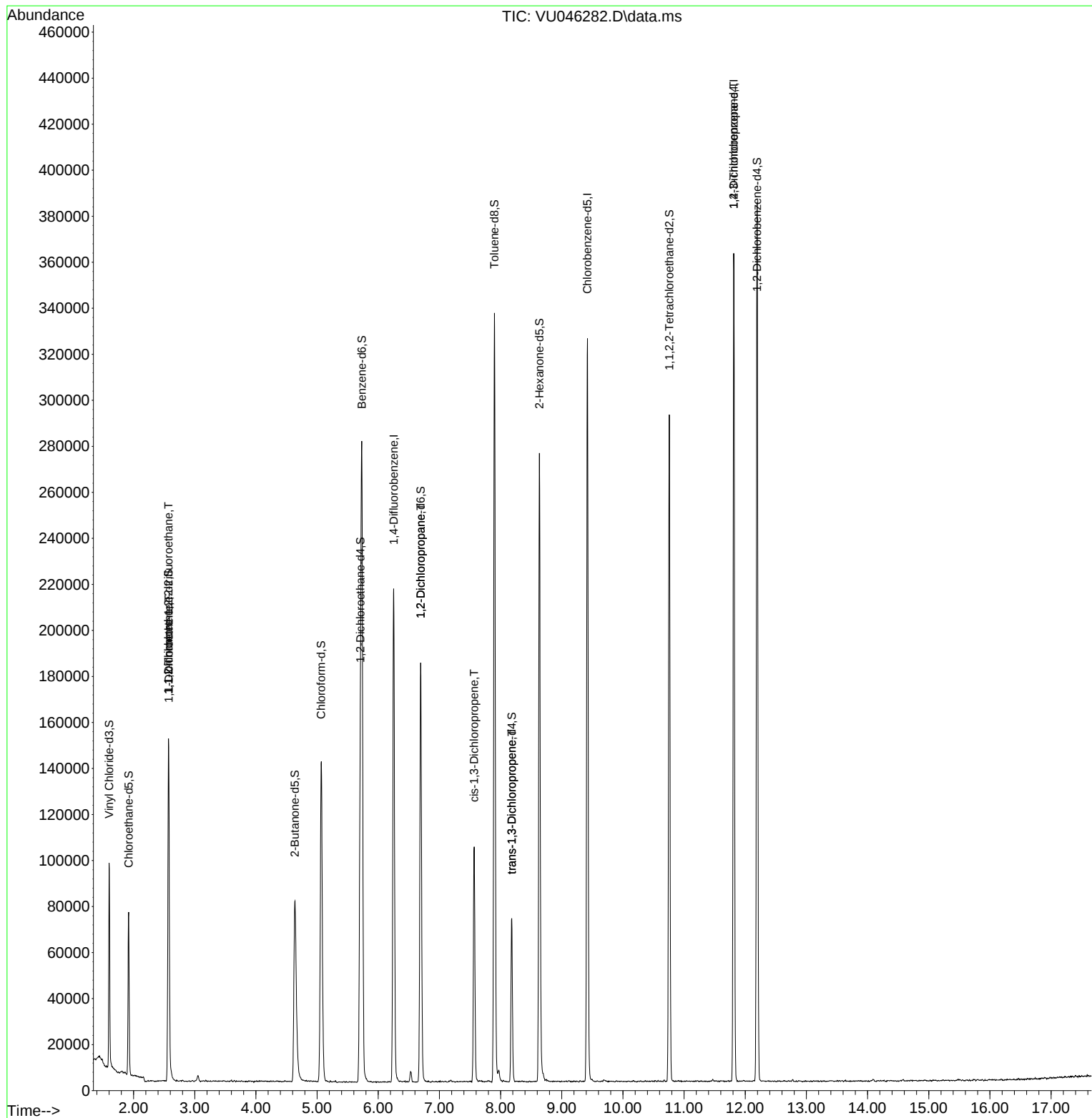
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	179620	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	184807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63053	42.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.220%		
7) Chloroethane-d5	1.919	69	51823	45.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.240%		
11) 1,1-Dichloroethene-d2	2.572	63	89135	33.558	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.120%		
21) 2-Butanone-d5	4.636	46	136909	116.397	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.400%		
24) Chloroform-d	5.067	84	129674	52.481	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.960%		
26) 1,2-Dichloroethane-d4	5.706	65	89315	53.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.720%		
32) Benzene-d6	5.732	84	265702	50.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.320%		
36) 1,2-Dichloropropane-d6	6.694	67	87446	53.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.540%		
41) Toluene-d8	7.899	98	226241	46.911	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.820%		
43) trans-1,3-Dichloroprop...	8.182	79	41755	52.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.380%		
47) 2-Hexanone-d5	8.636	63	99083	127.300	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	127.300%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142552	57.260	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	99538	54.136	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	764	0.585	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	574	0.462	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	8947	6.106	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2441	1.095	ug/L #	58
44) trans-1,3-Dichloropropene	8.182	75	1794	0.819	ug/L	84
60) 1,2,3-Trichloropropane	11.812	75	10820	5.170	ug/L #	65

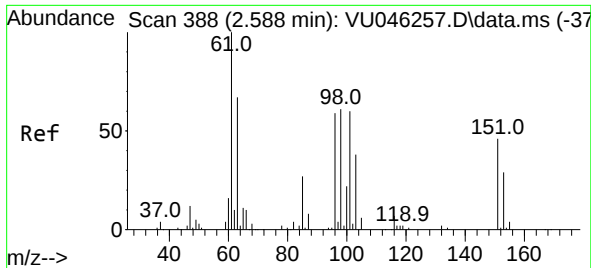
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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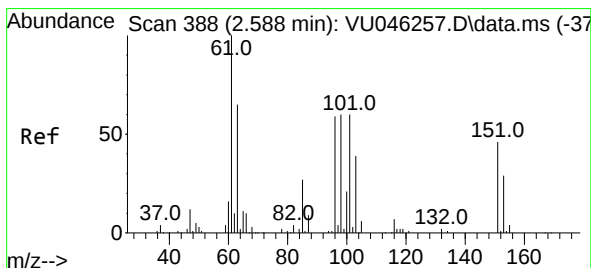
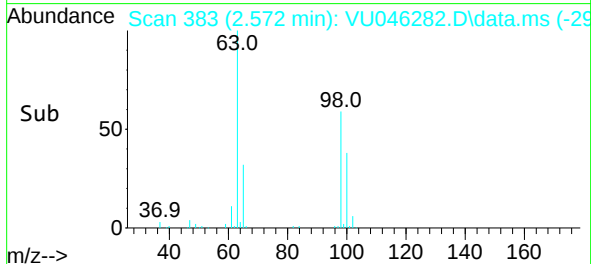
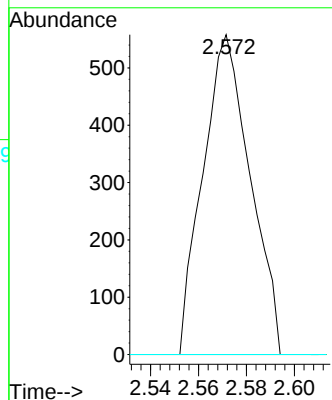
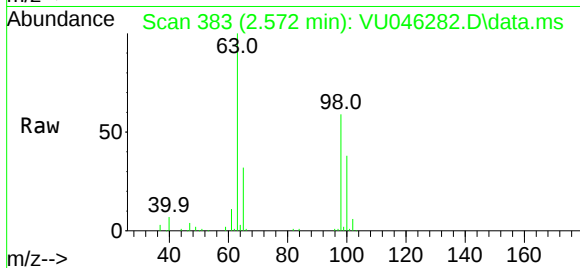




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.585 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046282.D
Acq: 11 Dec 2021 13:35

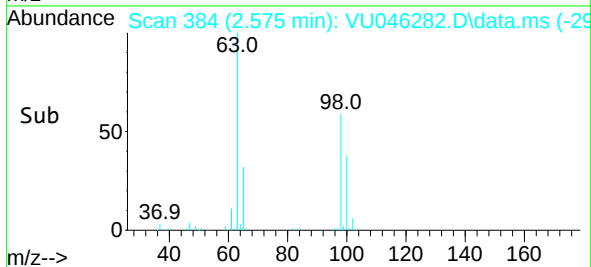
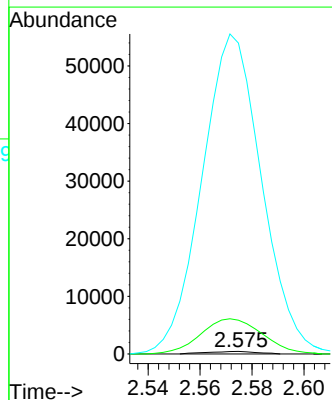
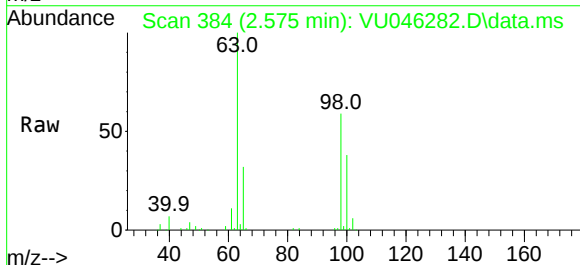
Instrument :
MSVOA_U
ClientSampleId :

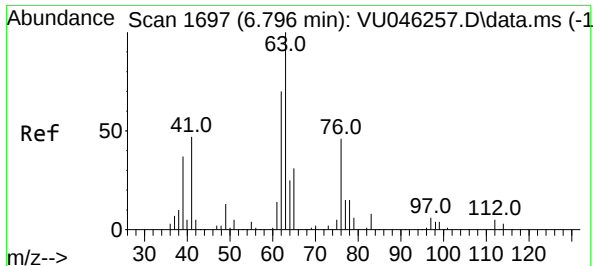
Tgt Ion:101 Resp: 764
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.462 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046282.D
Acq: 11 Dec 2021 13:35

Tgt Ion: 96 Resp: 574
Ion Ratio Lower Upper
96 100
61 1352.2 118.6 220.2#
63 12467.4 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 6.106 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046282.D

Acq: 11 Dec 2021 13:35

Instrument :

MSVOA_U

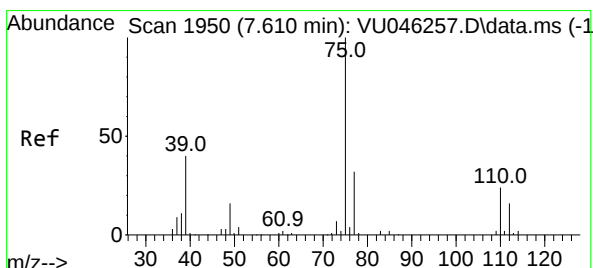
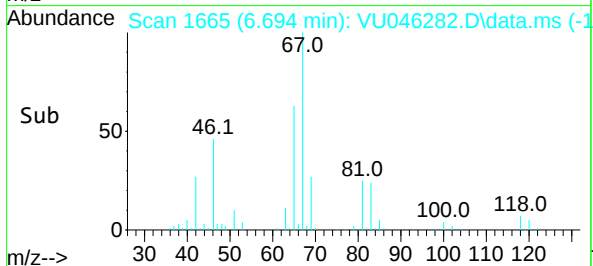
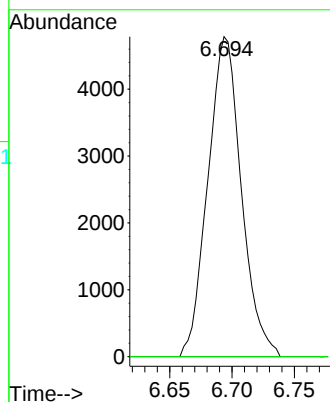
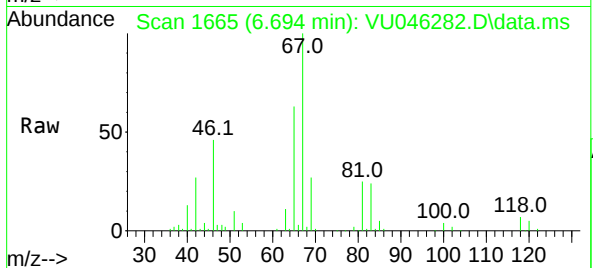
ClientSampleId :

Tgt Ion: 63 Resp: 8947

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046282.D

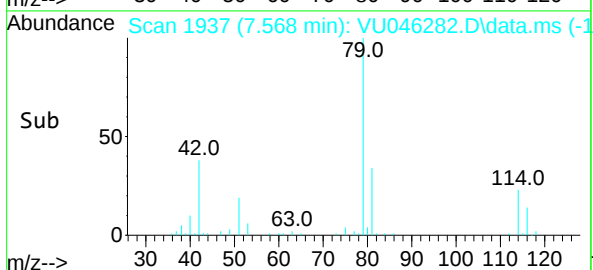
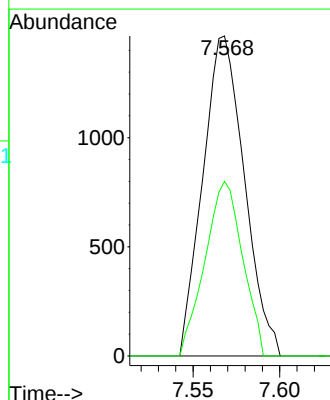
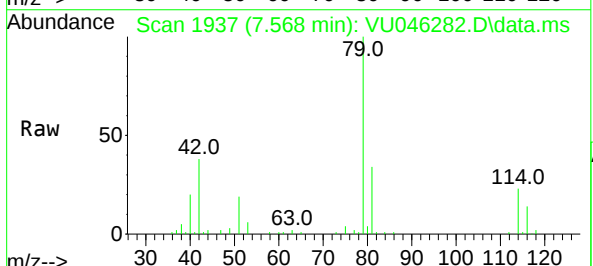
Acq: 11 Dec 2021 13:35

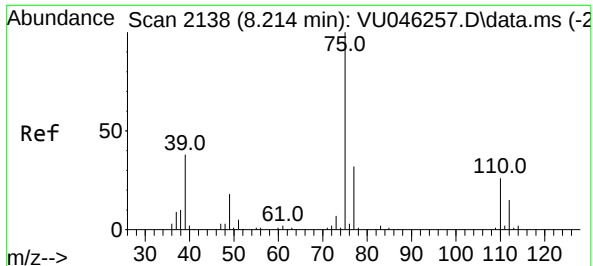
Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

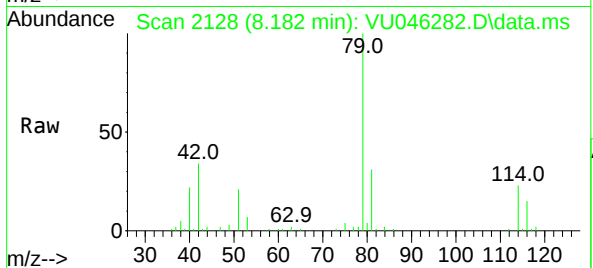
77 54.6 21.8 40.6#



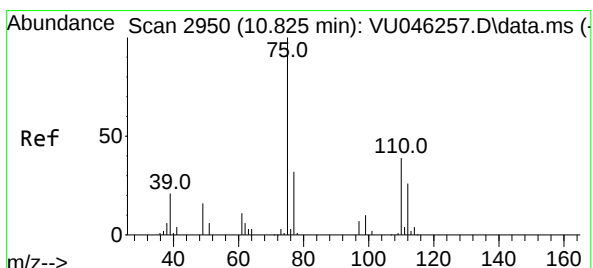
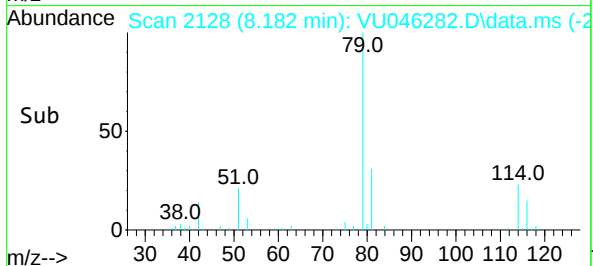
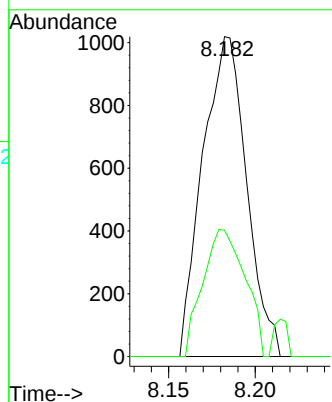


#44
 trans-1,3-Dichloropropene
 Concen: 0.819 ug/L
 RT: 8.182 min Scan# 2138
 Delta R.T. -0.032 min
 Lab File: VU046282.D
 Acq: 11 Dec 2021 13:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1794
 Ion Ratio Lower Upper
 75 100
 77 39.5 21.7 40.3



#60
 1,2,3-Trichloropropane
 Concen: 5.170 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046282.D
 Acq: 11 Dec 2021 13:35

Tgt Ion: 75 Resp: 10820
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.4 39.6
 110 1.9 32.4 48.6#

