

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050123\
 Data File : VU054021.D
 Acq On : 01 May 2023 12:54
 Operator : JC/MD
 Sample : 02565-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AX6

Quant Time: May 02 05:32:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 02 05:29:54 2023
 Response via : Initial Calibration

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

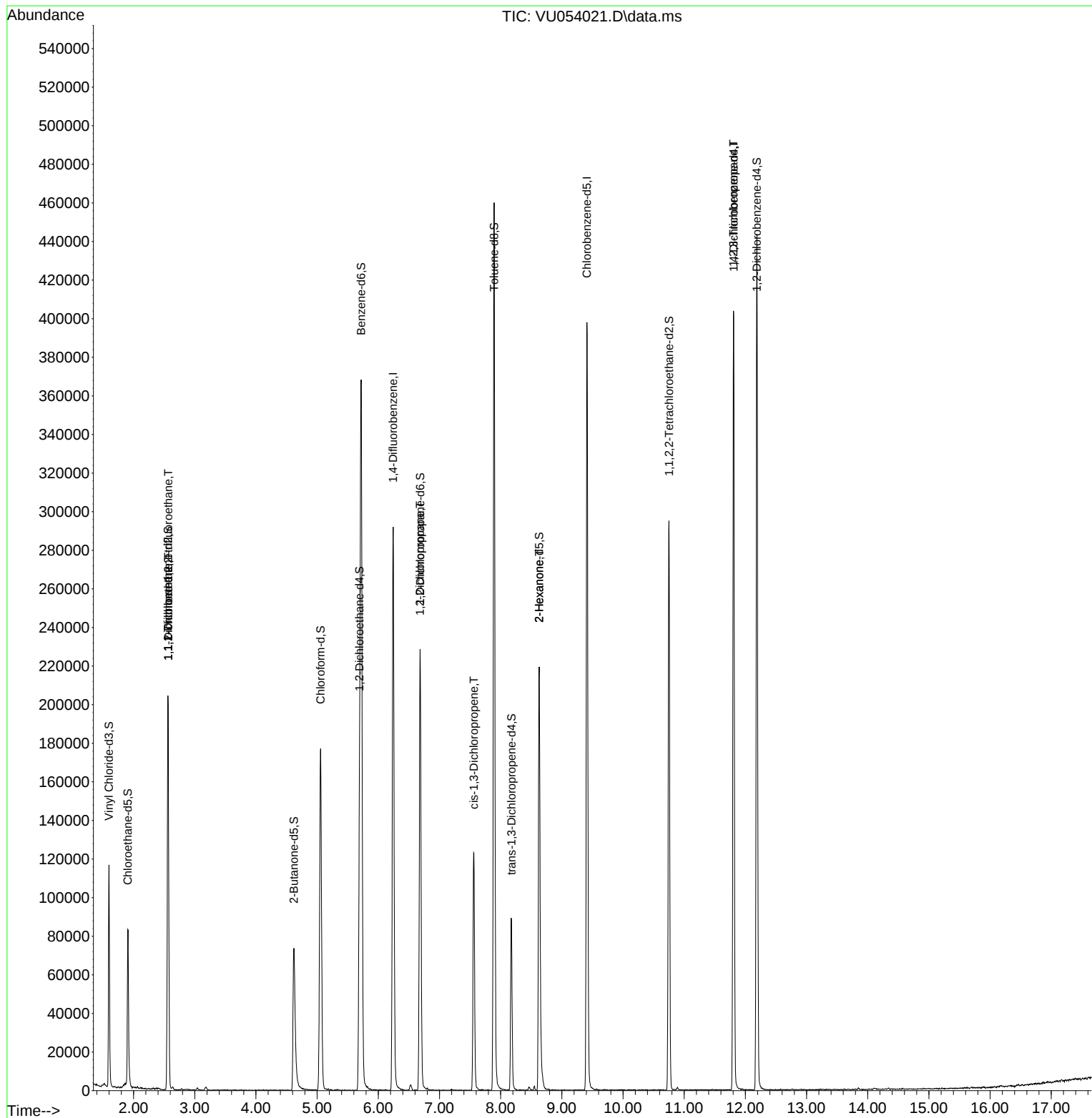
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	242183	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	227227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112259	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86347	47.142	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.280%	
7) Chloroethane-d5	1.906	69	59158	49.203	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.562	63	123447	37.999	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.000%	
21) 2-Butanone-d5	4.620	46	114267	109.382	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.380%	
24) Chloroform-d	5.057	84	167854	49.896	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	5.694	65	112761	52.206	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.420%	
32) Benzene-d6	5.719	84	343311	51.329	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.660%	
36) 1,2-Dichloropropane-d6	6.684	67	108183	51.236	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.480%	
41) Toluene-d8	7.893	98	302175	50.041	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.080%	
43) trans-1,3-Dichloroprop...	8.176	79	52341	50.091	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.180%	
47) 2-Hexanone-d5	8.629	63	74898	99.036	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.040%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	143581	51.624	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.240%	
66) 1,2-Dichlorobenzene-d4	12.188	152	121937	55.602	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1073	0.662	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	999	0.711	ug/L #	1
37) 1,2-Dichloropropane	6.681	63	11440	6.114	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	3220	1.100	ug/L #	68
48) 2-Hexanone	8.629	43	9192	5.319	ug/L #	69
60) 1,2,3-Trichloropropane	11.806	75	12705	6.093	ug/L #	64

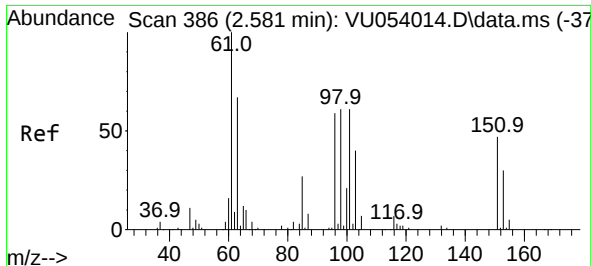
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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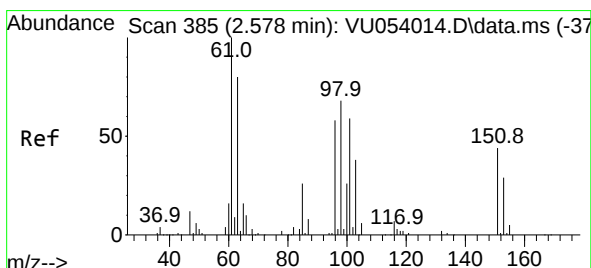
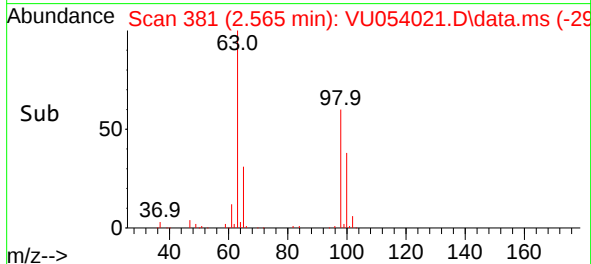
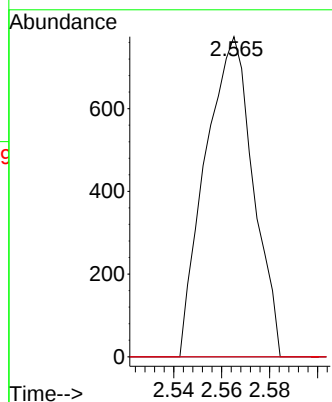
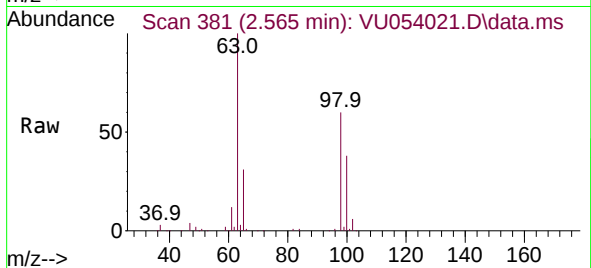




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

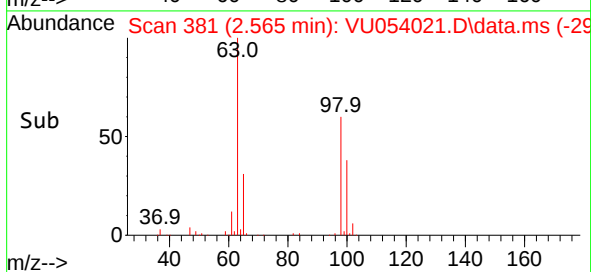
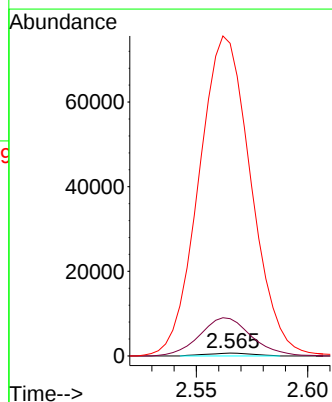
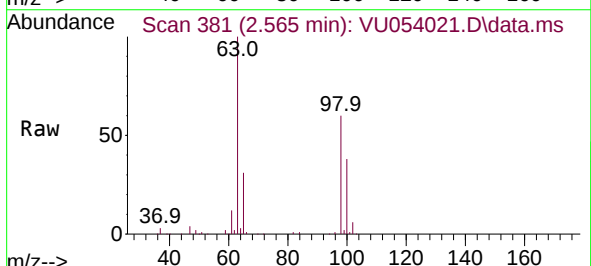
Instrument :
MSVOA_U
ClientSampleId :
C0AX6

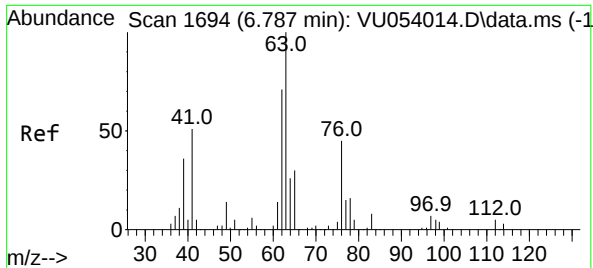
Tgt Ion:101 Resp: 1073
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.711 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

Tgt Ion: 96 Resp: 999
Ion Ratio Lower Upper
96 100
61 1321.1 118.3 219.7#
63 11077.7 92.3 171.5#

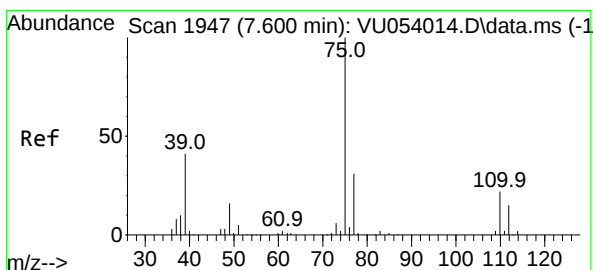
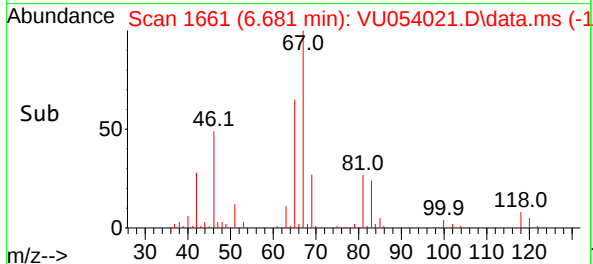
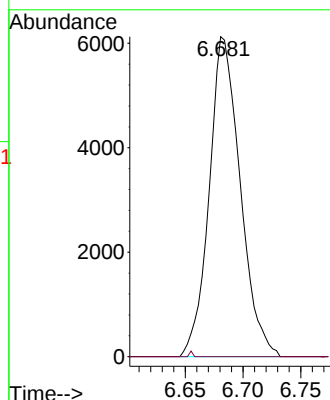
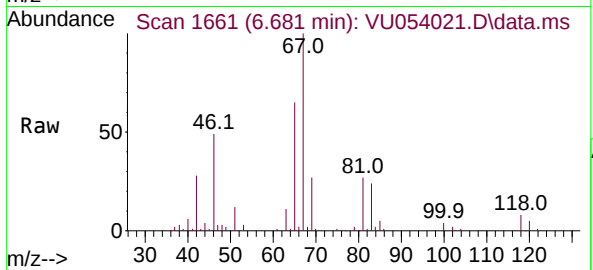




#37
1,2-Dichloropropane
Concen: 6.114 ug/L
RT: 6.681 min Scan# 11
Delta R.T. -0.106 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

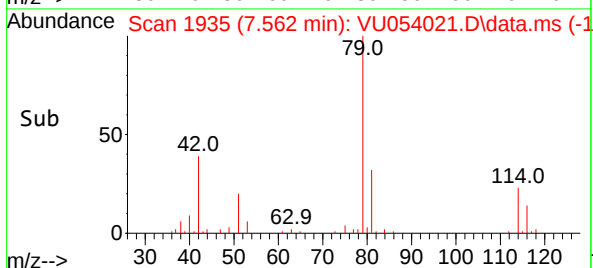
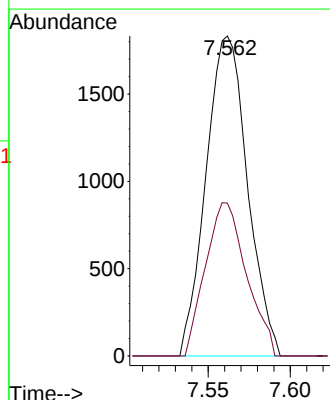
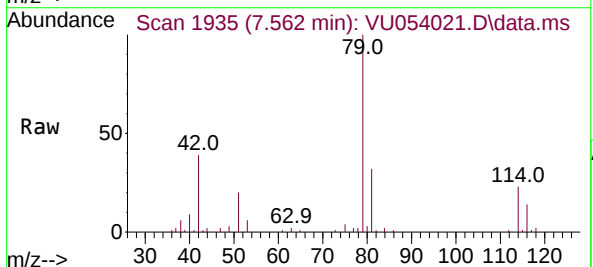
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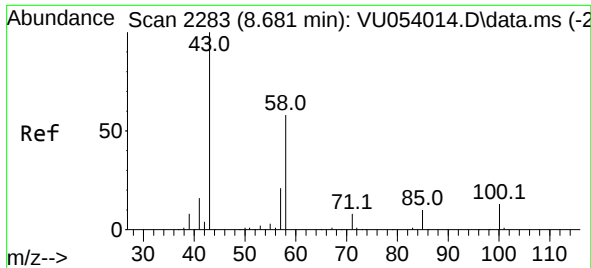
Tgt Ion: 63 Resp: 11440
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 1.100 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.039 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

Tgt Ion: 75 Resp: 3220
Ion Ratio Lower Upper
75 100
77 47.7 21.1 39.1#

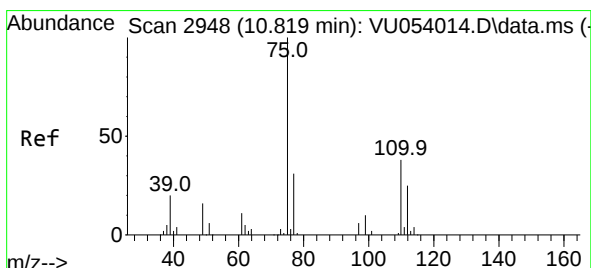
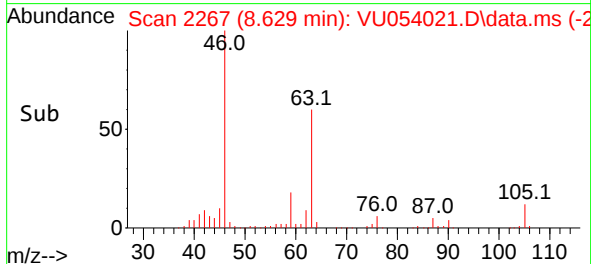
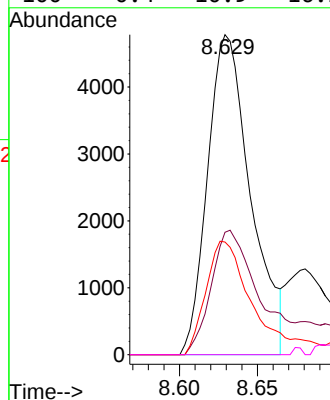
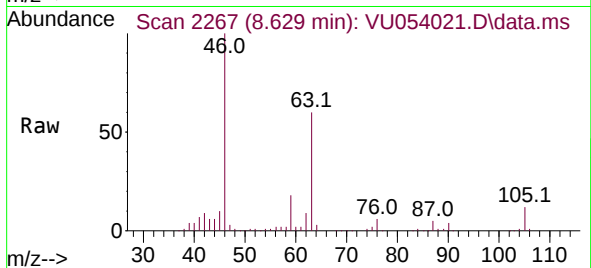




#48
2-Hexanone
Concen: 5.319 ug/L
RT: 8.629 min Scan# 211
Delta R.T. -0.051 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

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Tgt Ion:	43	Resp:	9192
Ion	Ratio	Lower	Upper
43	100		
58	37.7	48.5	72.7#
57	36.4	16.5	24.7#
100	0.4	10.9	16.3#



#60
1,2,3-Trichloropropane
Concen: 6.093 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU054021.D
Acq: 01 May 2023 12:54

Tgt Ion:	75	Resp:	12705
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.0	39.0
110	0.9	31.8	47.8#

