

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026986.D
 Acq On : 27 Jul 2022 05:47
 Operator : SY/MD
 Sample : N3880-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUG4

Quant Time: Jul 27 07:04:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 02:43:35 2022
 Response via : Initial Calibration

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

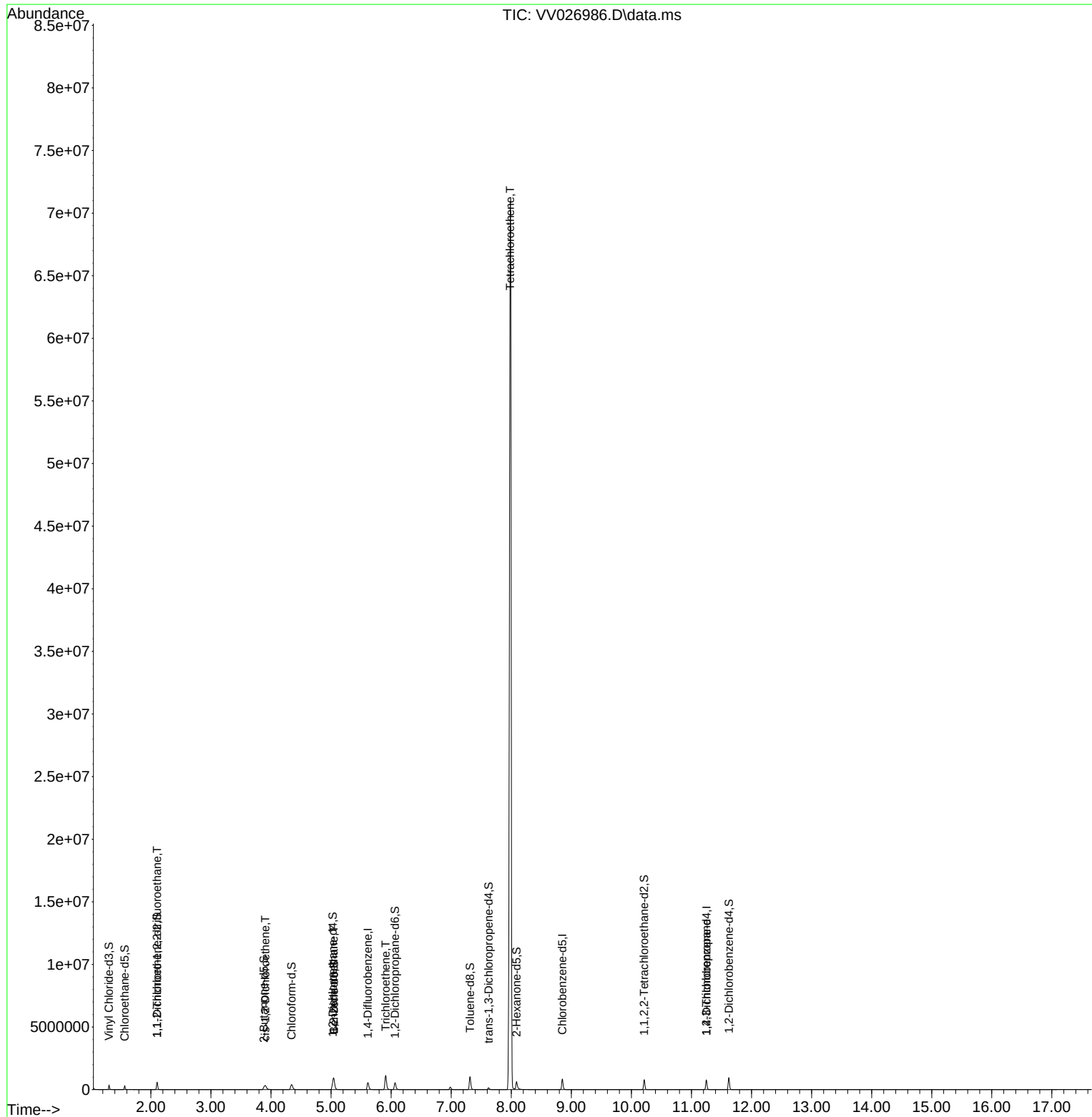
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	511324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	489846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	209256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	223282	52.065	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 104.140%		
7) Chloroethane-d5	1.564	69	190481	54.903	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.800%		
11) 1,1-Dichloroethene-d2	2.105	63	303646	39.356	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 78.720%		
21) 2-Butanone-d5	3.883	46	296599	102.606	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.610%		
24) Chloroform-d	4.342	84	436215	51.684	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.360%		
26) 1,2-Dichloroethane-d4	5.027	65	261708	54.208	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.420%		
32) Benzene-d6	5.047	84	875323	59.116	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 118.240%		
36) 1,2-Dichloropropane-d6	6.066	67	286116	59.961	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 119.920%		
41) Toluene-d8	7.313	98	708153	54.660	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 109.320%		
43) trans-1,3-Dichloroprop...	7.622	79	92261	46.144	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 92.280%		
47) 2-Hexanone-d5	8.088	63	220308	106.034	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 106.030%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	382660	52.789	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 105.580%		
66) 1,2-Dichlorobenzene-d4	11.622	152	250423	63.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 127.580%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3227	0.762	ug/L #	21
20) cis-1,2-Dichloroethene	3.905	96	139483	31.682	ug/L	97
27) 1,2-Dichloroethane	5.043	62	4255	0.735	ug/L	94
34) Trichloroethene	5.908	95	412104	101.802	ug/L	98
46) Tetrachloroethene	7.982	164	17825365	5644.885	ug/L	87
61) 1,2,3-Trichloropropane	11.246	75	23514	5.600	ug/L #	67

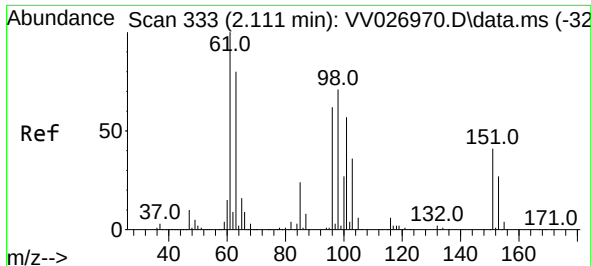
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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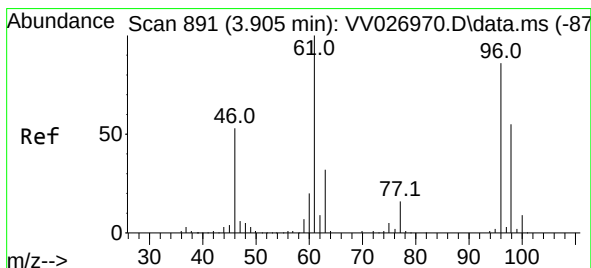
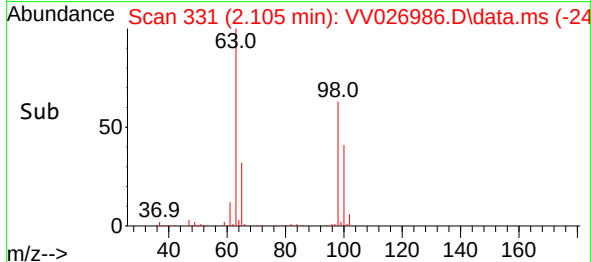
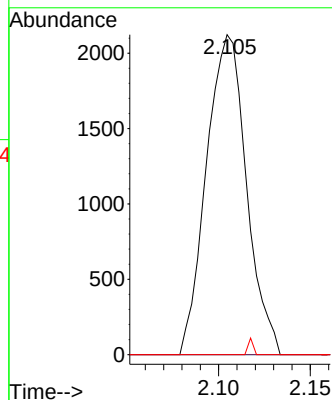
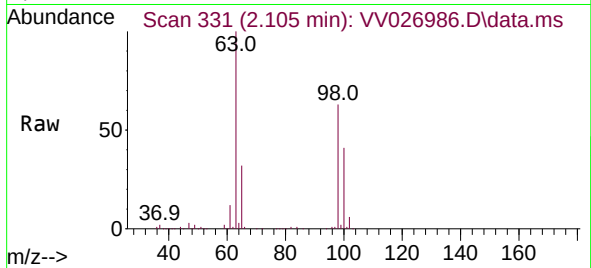




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.762 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV026986.D
Acq: 27 Jul 2022 05:47

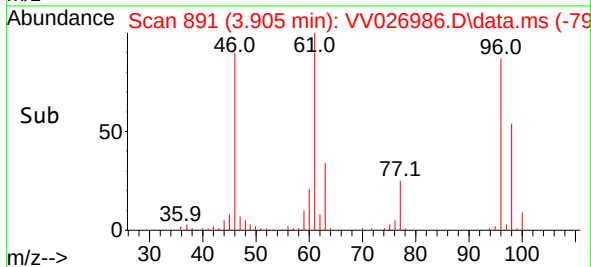
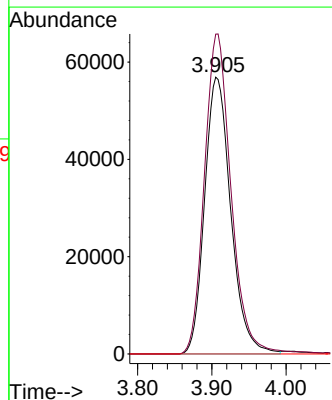
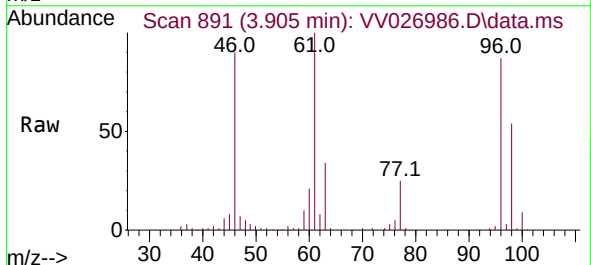
Instrument :
MSVOA_V
ClientSampleId :
DBUG4

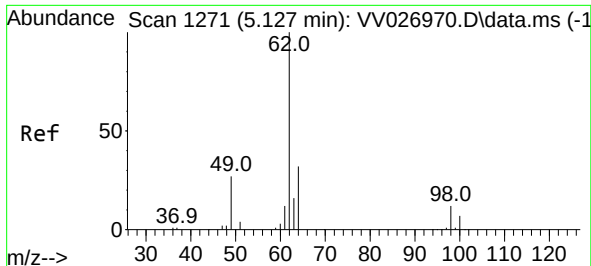
Tgt Ion:101 Resp: 3227
Ion Ratio Lower Upper
101 100
85 0.0 33.1 49.7#
151 0.0 57.1 85.7#



#20
cis-1,2-Dichloroethene
Concen: 31.682 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV026986.D
Acq: 27 Jul 2022 05:47

Tgt Ion: 96 Resp: 139483
Ion Ratio Lower Upper
96 100
61 115.6 83.0 154.1
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.735 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV026986.D

Acq: 27 Jul 2022 05:47

Instrument :

MSVOA_V

ClientSampleId :

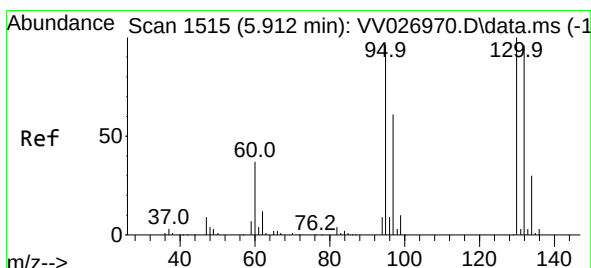
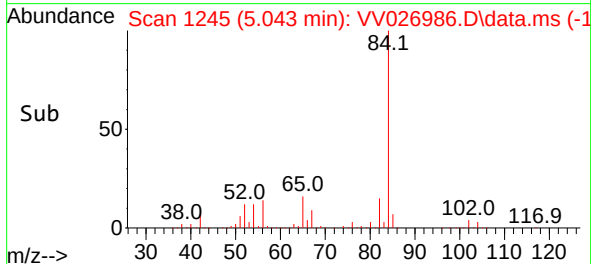
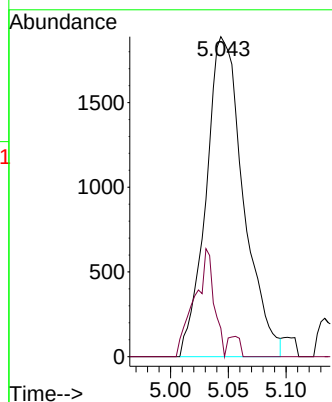
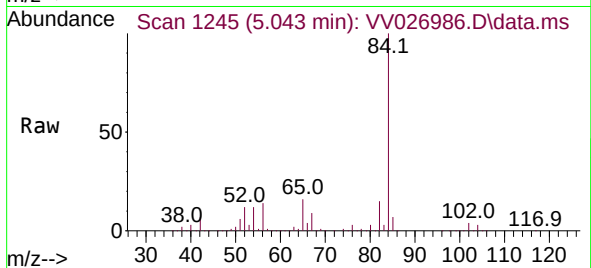
DBUG4

Tgt Ion: 62 Resp: 4255

Ion Ratio Lower Upper

62 100

98 8.9 8.9 13.3



#34

Trichloroethene

Concen: 101.802 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV026986.D

Acq: 27 Jul 2022 05:47

Tgt Ion: 95 Resp: 412104

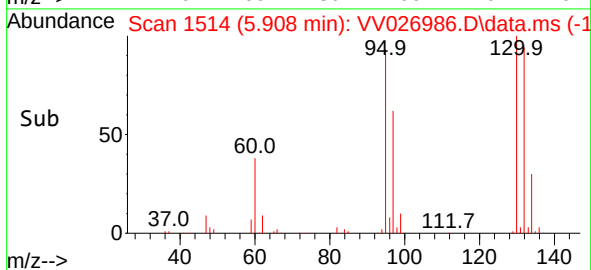
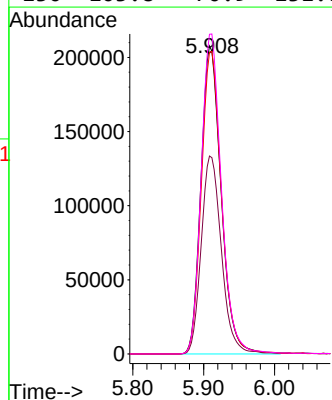
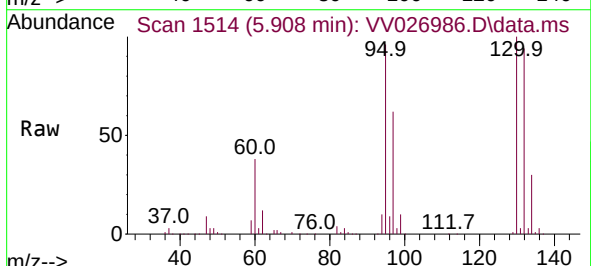
Ion Ratio Lower Upper

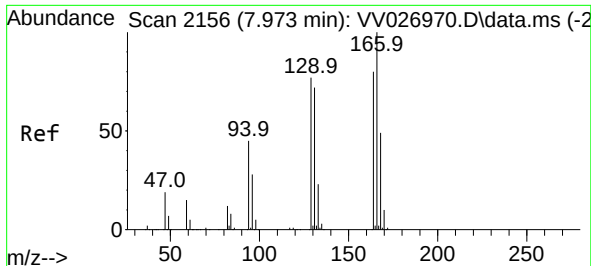
95 100

97 64.2 45.9 85.3

132 97.9 68.1 126.5

130 103.8 70.9 131.7

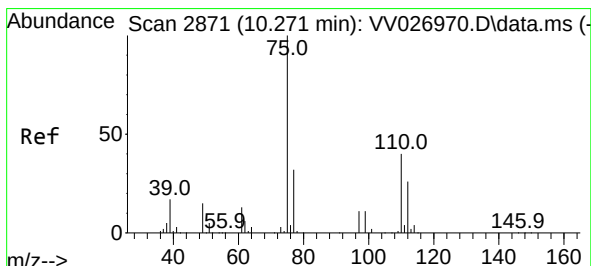
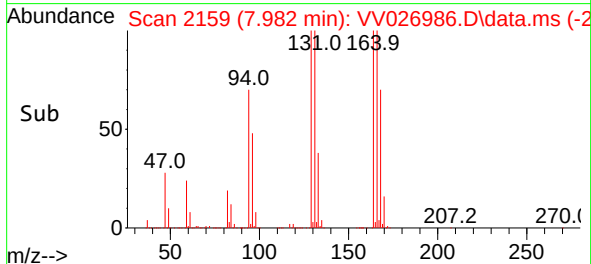
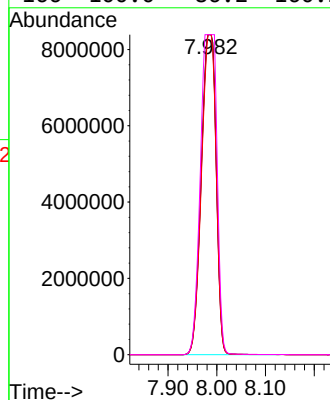
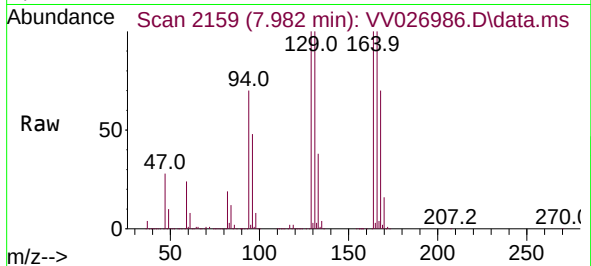




#46
Tetrachloroethene
Concen: 5644.885 ug/L
RT: 7.982 min Scan# 2156
Delta R.T. 0.010 min
Lab File: VV026986.D
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Tgt Ion:164 Resp:17825365
Ion Ratio Lower Upper
164 100
129 100.0 66.3 123.1
131 100.0 63.1 117.3
166 100.0 86.2 160.2



#61
1,2,3-Trichloropropane
Concen: 5.600 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026986.D
Acq: 27 Jul 2022 05:47

Tgt Ion: 75 Resp: 23514
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
110 3.1 31.7 47.5#

