

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030615.D
 Acq On : 18 Apr 2023 14:19
 Operator : SY/MD
 Sample : 02360-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN7

Quant Time: Apr 19 01:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

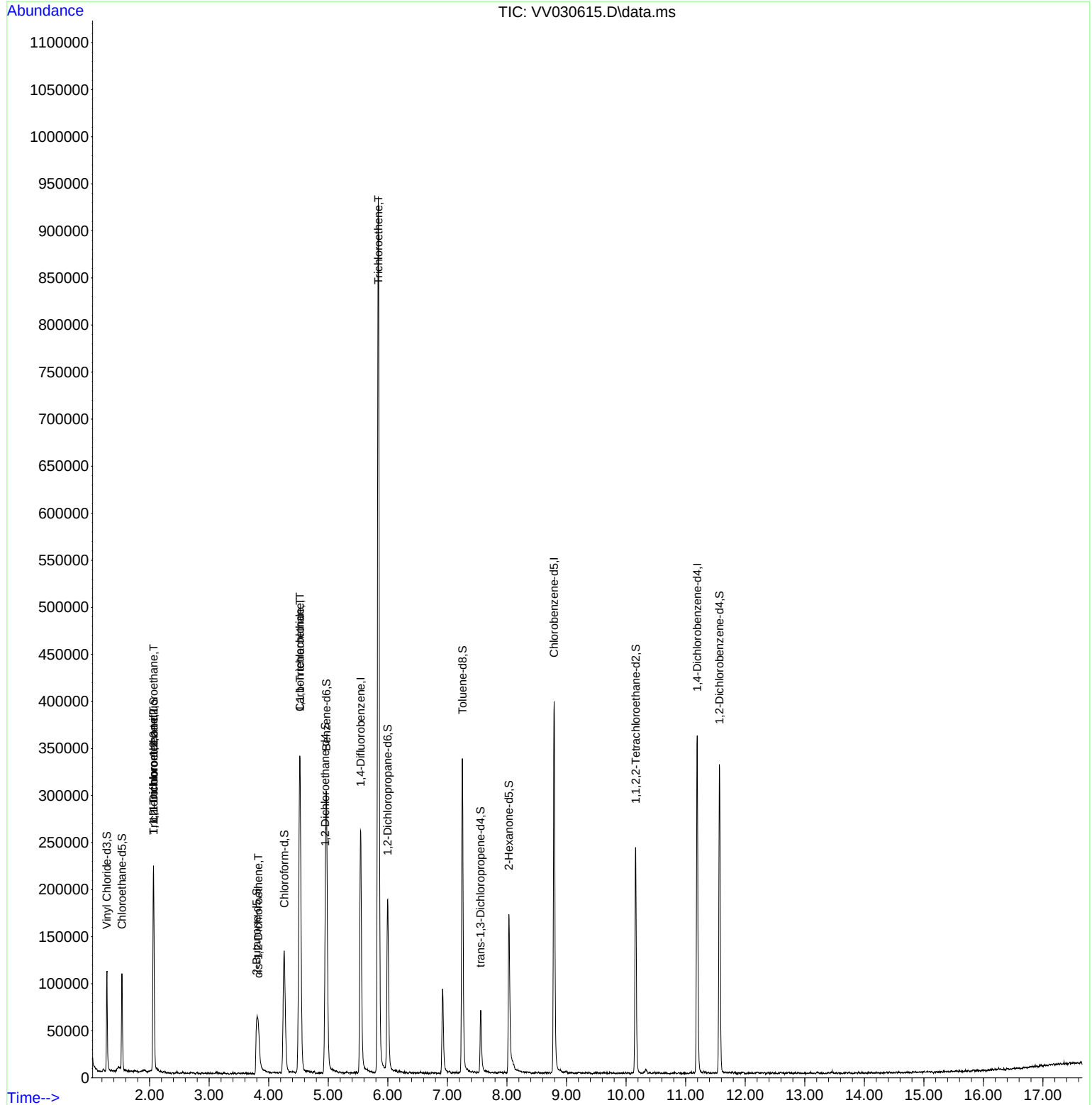
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	217730	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	210173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	95728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	70013	43.864	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.720%		
7) Chloroethane-d5	1.536	69	61247	45.790	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.580%		
11) 1,1-Dichloroethene-d2	2.066	65	35003	46.243	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.480%		
21) 2-Butanone-d5	3.799	46	90226	102.917	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.920%		
24) Chloroform-d	4.262	84	137413	47.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.020%		
26) 1,2-Dichloroethane-d4	4.950	65	93900	50.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.980%		
32) Benzene-d6	4.970	84	251235	50.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.120%		
36) 1,2-Dichloropropane-d6	5.998	67	81486	52.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.580%		
41) Toluene-d8	7.252	98	219791	47.110	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.220%		
43) trans-1,3-Dichloroprop...	7.558	79	35646	45.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.640%		
47) 2-Hexanone-d5	8.034	63	57353	94.322	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.320%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	107712	48.091	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.180%		
66) 1,2-Dichlorobenzene-d4	11.571	152	82545	54.250	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.500%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.069	101	4543	1.416	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4595	2.725	ug/L	89
20) cis-1,2-Dichloroethene	3.825	96	16541	9.880	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	271468	91.922	ug/L	99
31) Carbon tetrachloride	4.523	117	33478	12.679	ug/L	100
34) Trichloroethene	5.841	95	314840	189.651	ug/L	98

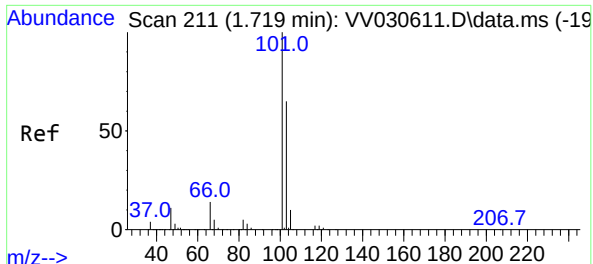
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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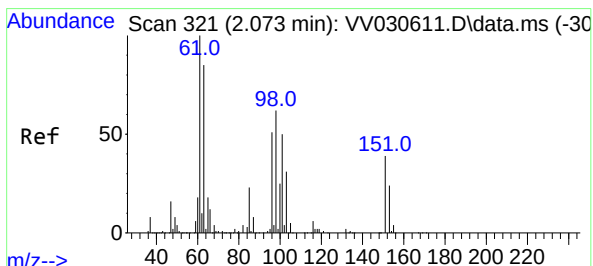
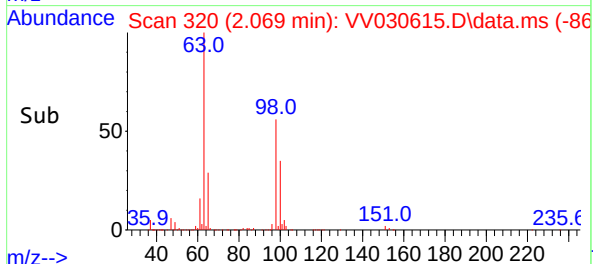
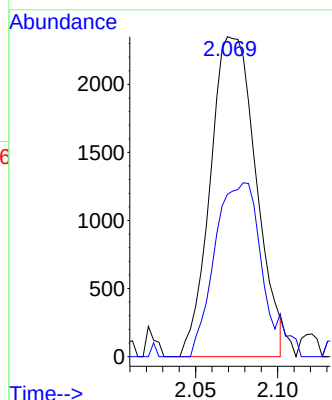
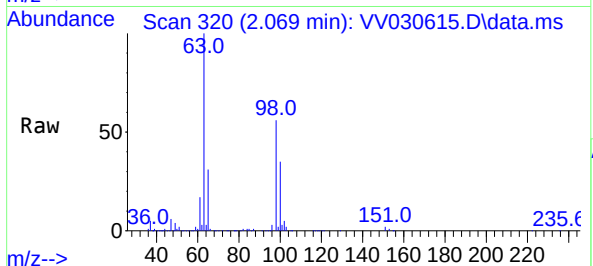




#9
 Trichlorofluoromethane
 Concen: 1.416 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.354 min
 Lab File: VV030615.D
 Acq: 18 Apr 2023 14:19

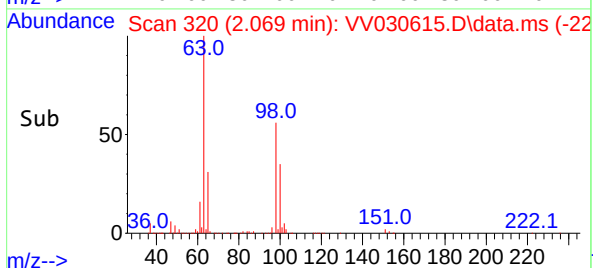
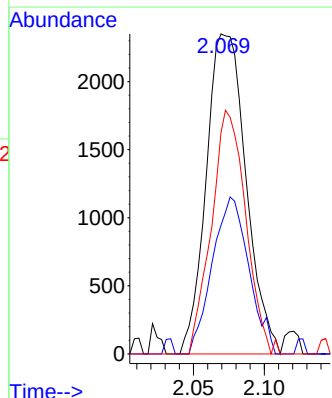
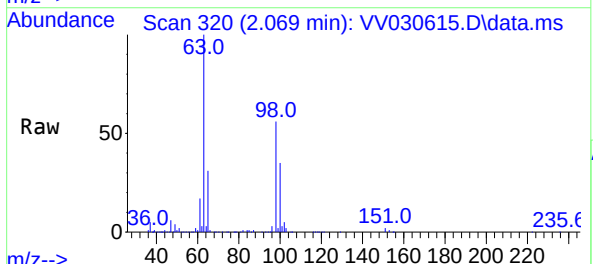
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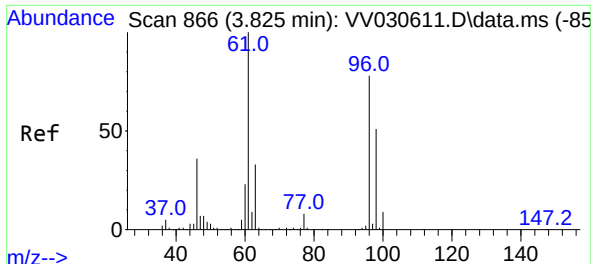
Tgt Ion:101 Resp: 4543
 Ion Ratio Lower Upper
 101 100
 103 53.4 51.4 77.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.725 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV030615.D
 Acq: 18 Apr 2023 14:19

Tgt Ion:101 Resp: 4595
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.5 56.3
 151 65.3 63.5 95.3

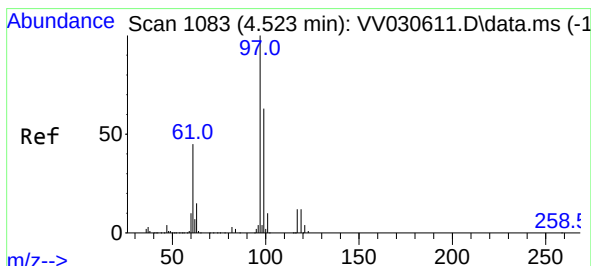
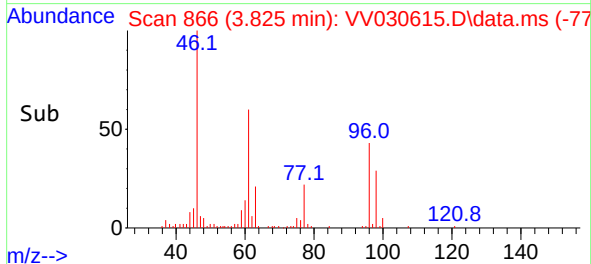
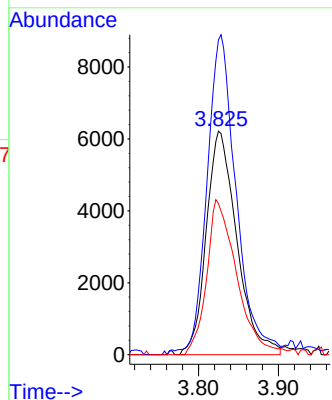
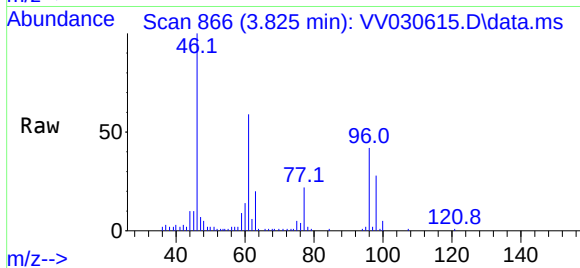




#20
 cis-1,2-Dichloroethene
 Concen: 9.880 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030615.D
 Acq: 18 Apr 2023 14:19

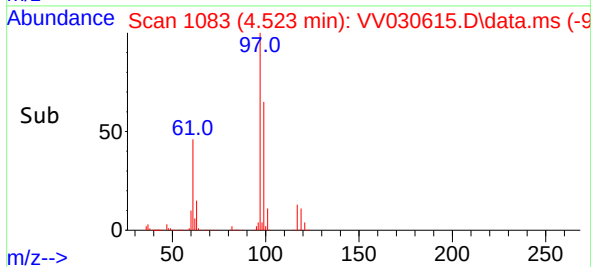
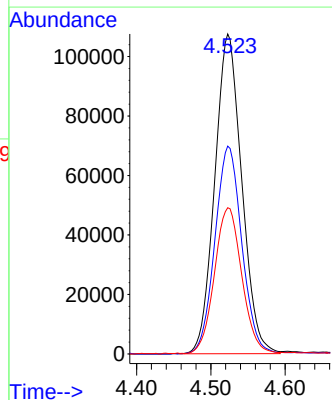
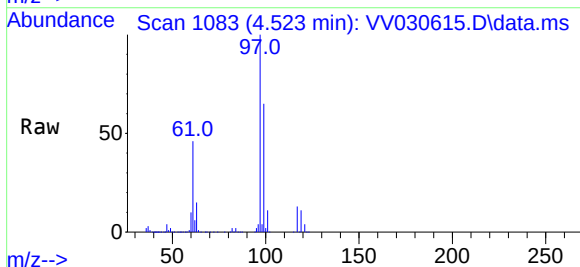
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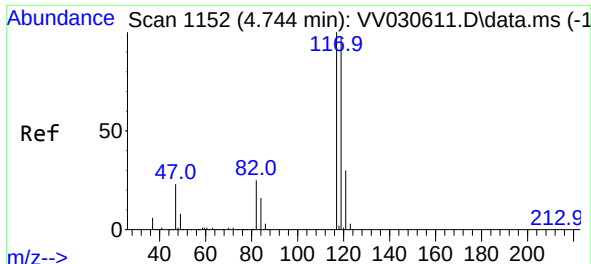
Tgt Ion: 96 Resp: 16541
 Ion Ratio Lower Upper
 96 100
 61 140.8 92.3 171.3
 98 67.6 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 91.922 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030615.D
 Acq: 18 Apr 2023 14:19

Tgt Ion: 97 Resp: 271468
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.4 77.0
 61 46.2 37.0 55.6

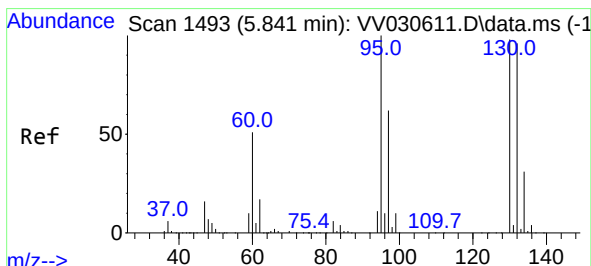
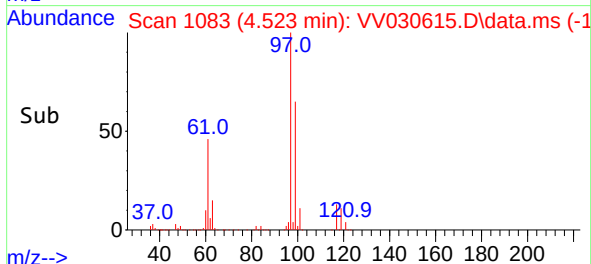
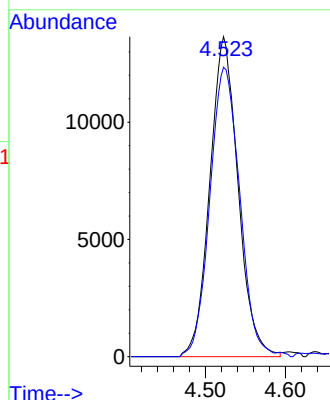
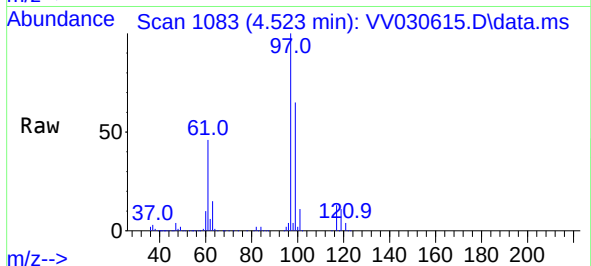




#31
Carbon tetrachloride
Concen: 12.679 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030615.D
Acq: 18 Apr 2023 14:19

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Tgt Ion:117 Resp: 33478
Ion Ratio Lower Upper
117 100
119 95.3 75.9 113.9



#34
Trichloroethene
Concen: 189.651 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030615.D
Acq: 18 Apr 2023 14:19

Tgt Ion: 95 Resp: 314840
Ion Ratio Lower Upper
95 100
97 63.4 45.8 85.2
132 98.3 70.6 131.2
130 101.6 70.9 131.7

