

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024965.D
 Acq On : 11 Mar 2022 15:46
 Operator : SY/MD
 Sample : N1880-03
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB2

Quant Time: Mar 11 23:11:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

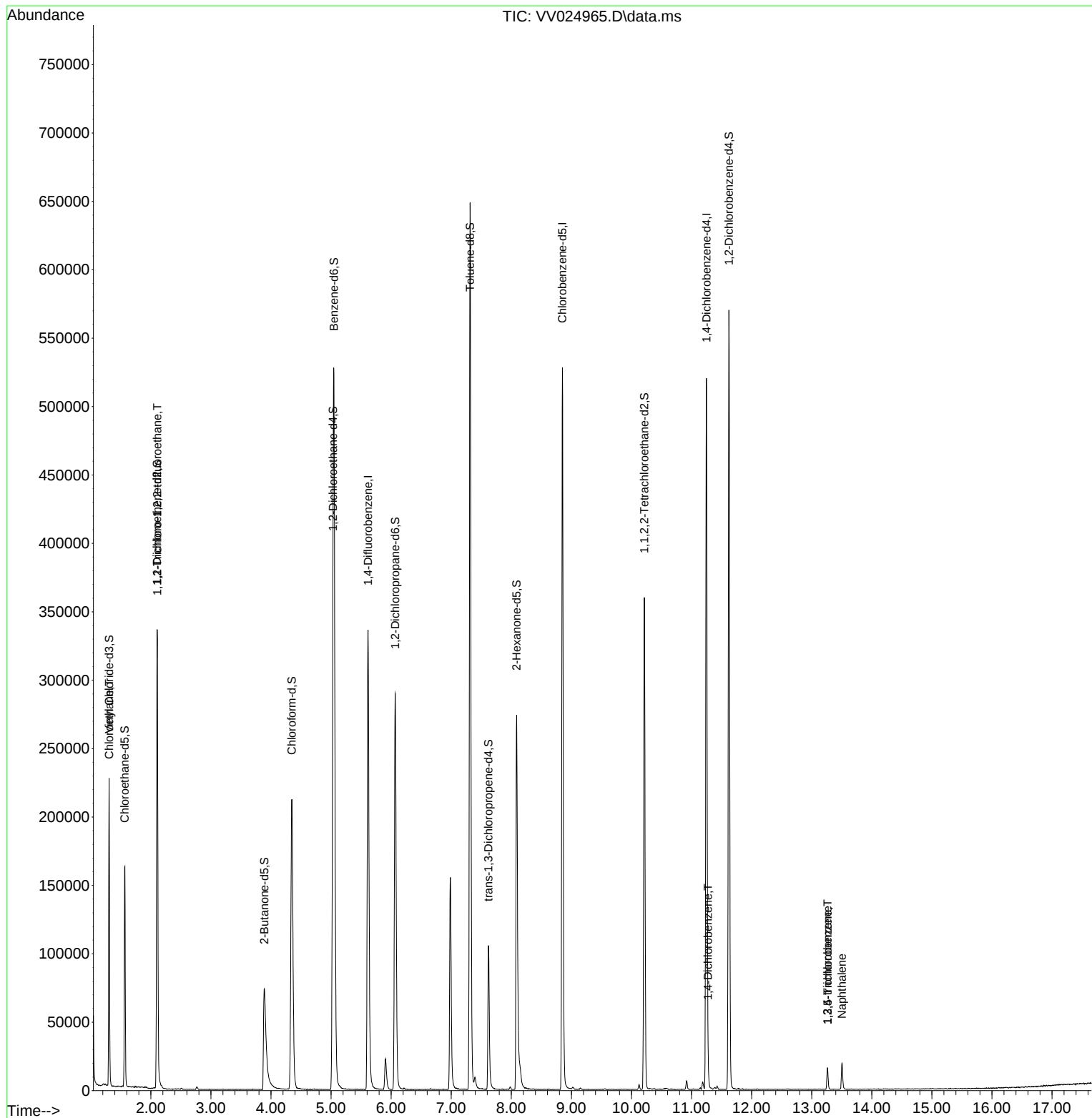
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	299103	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	293275	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	139709	45.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.880%		
7) Chloroethane-d5	1.564	69	102989	43.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.320%		
11) 1,1-Dichloroethene-d2	2.105	63	173128	33.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.840%		
21) 2-Butanone-d5	3.889	46	145281	83.938	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.940%		
24) Chloroform-d	4.346	84	227043	42.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.540%		
26) 1,2-Dichloroethane-d4	5.030	65	136073	43.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.880%		
32) Benzene-d6	5.047	84	487433	44.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.680%		
36) 1,2-Dichloropropane-d6	6.066	67	147270	43.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.960%		
41) Toluene-d8	7.313	98	424910	44.122	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.240%		
43) trans-1,3-Dichloroprop...	7.619	79	63214	42.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.920%		
47) 2-Hexanone-d5	8.088	63	100307	78.027	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.030%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	178581	44.456	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.920%		
66) 1,2-Dichlorobenzene-d4	11.622	152	143368	46.912	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.820%		
Target Compounds						Qvalue
8) Chloroethane	1.307	64	1667	0.949	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1702	0.749	ug/L #	23
65) 1,4-Dichlorobenzene	11.275	146	3303	0.763	ug/L	92
69) 1,3,5-Trichlorobenzene	13.265	180	4902	1.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	4902	1.971	ug/L	97
71) Naphthalene	13.503	128	16260	2.018	ug/L	98

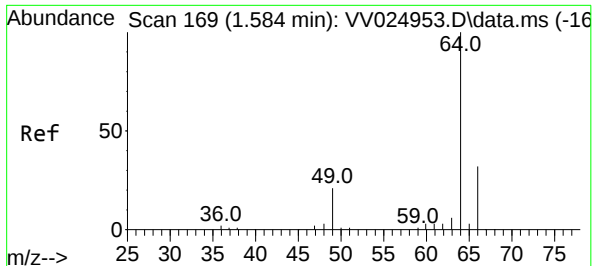
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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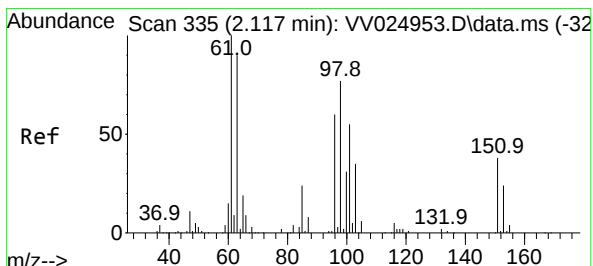
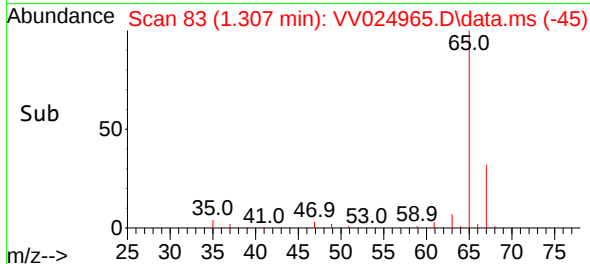
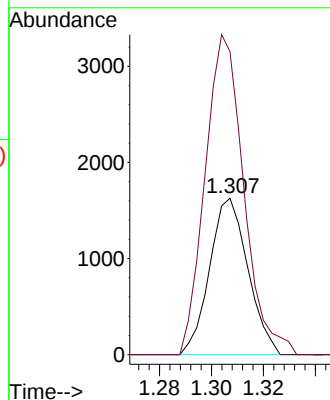
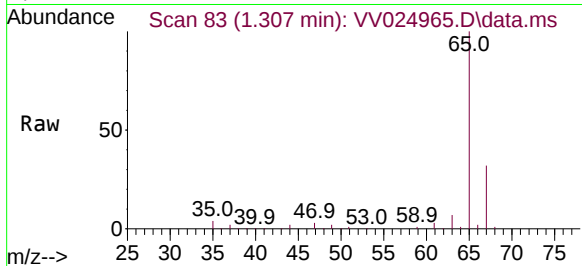




#8
Chloroethane
Concen: 0.949 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV024965.D
Acq: 11 Mar 2022 15:46

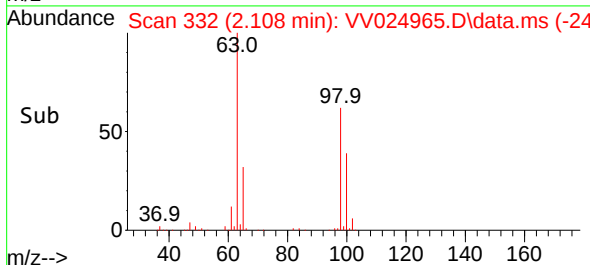
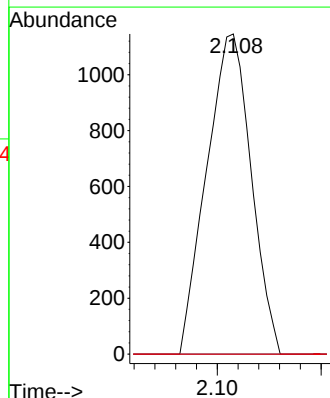
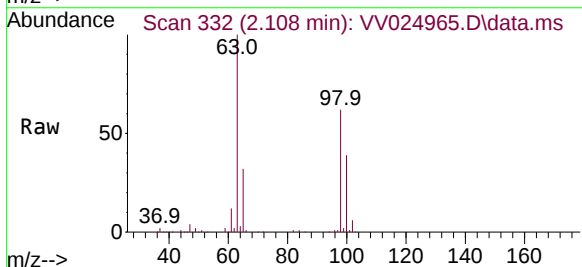
Instrument :
MSVOA_V
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C0DB2

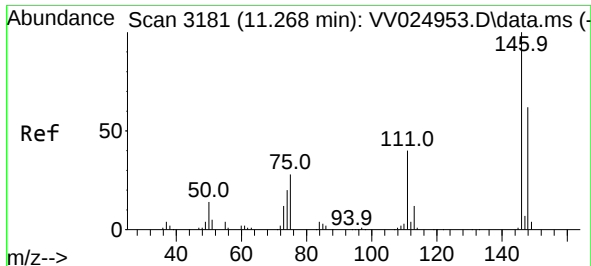
Tgt Ion: 64 Resp: 1667
Ion Ratio Lower Upper
64 100
66 193.8 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.749 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV024965.D
Acq: 11 Mar 2022 15:46

Tgt Ion: 101 Resp: 1702
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 0.0 54.1 81.1#

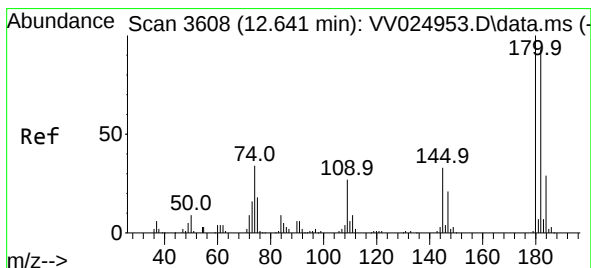
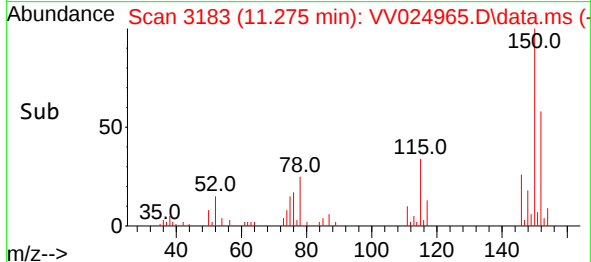
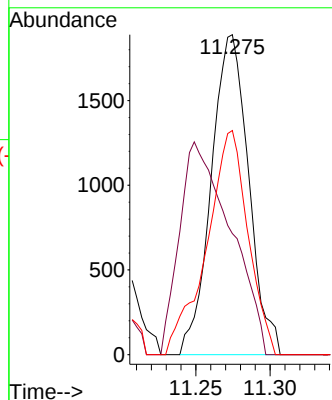
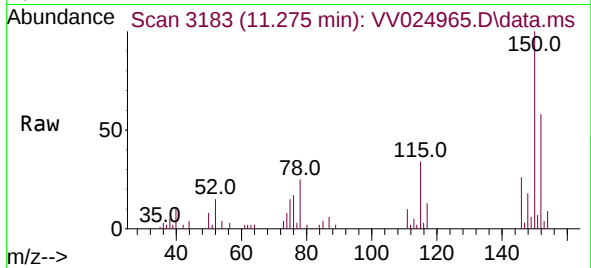




#65
 1,4-Dichlorobenzene
 Concen: 0.763 ug/L
 RT: 11.275 min Scan# 3181
 Delta R.T. 0.006 min
 Lab File: VV024965.D
 Acq: 11 Mar 2022 15:46

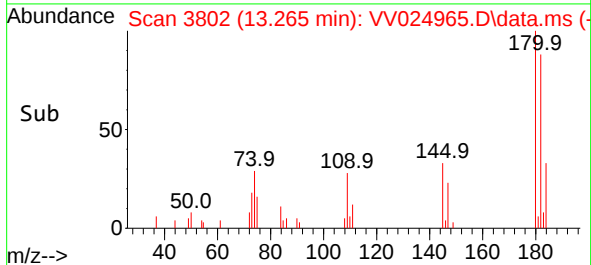
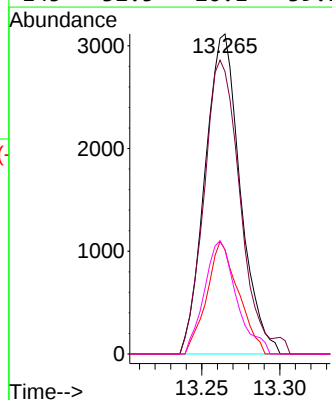
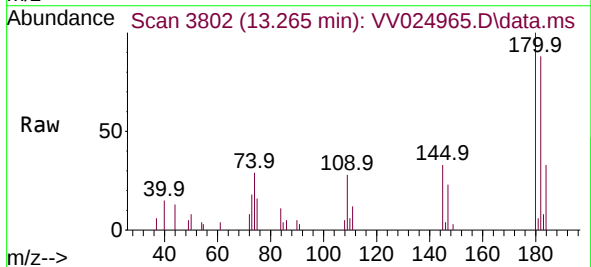
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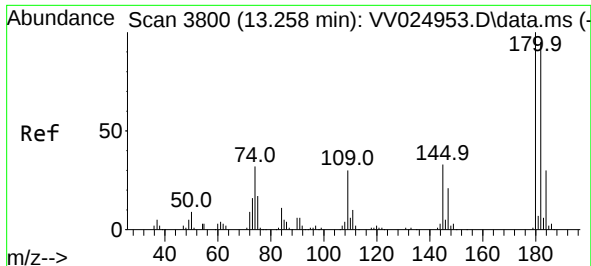
Tgt Ion:146 Resp: 3303
 Ion Ratio Lower Upper
 146 100
 111 37.9 28.6 53.0
 148 70.0 43.7 81.1



#69
 1,3,5-Trichlorobenzene
 Concen: 1.718 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.624 min
 Lab File: VV024965.D
 Acq: 11 Mar 2022 15:46

Tgt Ion:180 Resp: 4902
 Ion Ratio Lower Upper
 180 100
 182 92.6 75.1 112.7
 184 31.5 23.9 35.9
 145 32.5 26.1 39.1

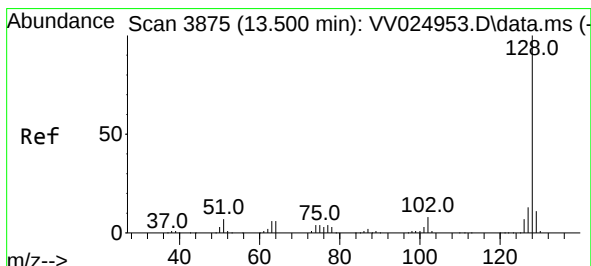
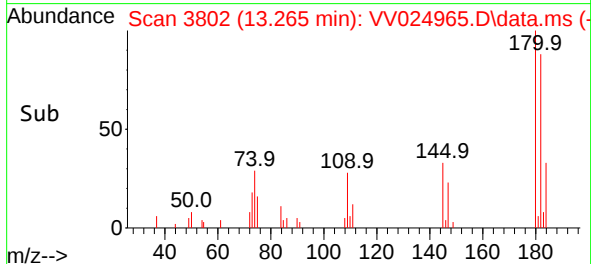
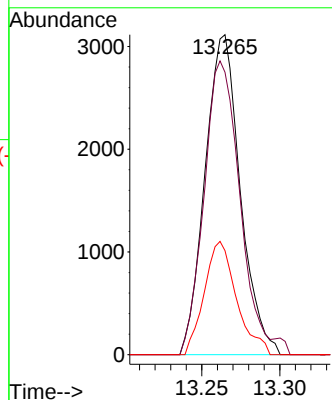
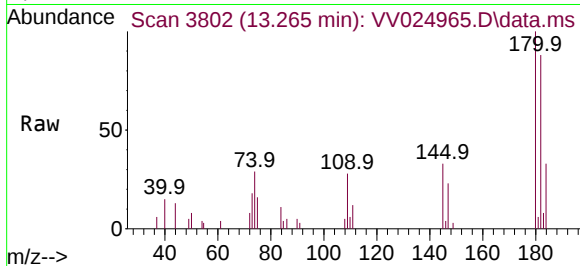




#70
1,2,4-trichlorobenzene
Concen: 1.971 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV024965.D
Acq: 11 Mar 2022 15:46

Instrument :
MSVOA_V
ClientSampleId :
C0DB2

Tgt Ion:180 Resp: 4902
Ion Ratio Lower Upper
180 100
182 92.6 76.0 114.0
145 32.5 27.6 41.4



#71
Naphthalene
Concen: 2.018 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024965.D
Acq: 11 Mar 2022 15:46

Tgt Ion:128 Resp: 16260
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.1 8.6 13.0

