

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034836.D
 Acq On : 26 Mar 2024 18:41
 Operator : SY/MD
 Sample : P1851-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

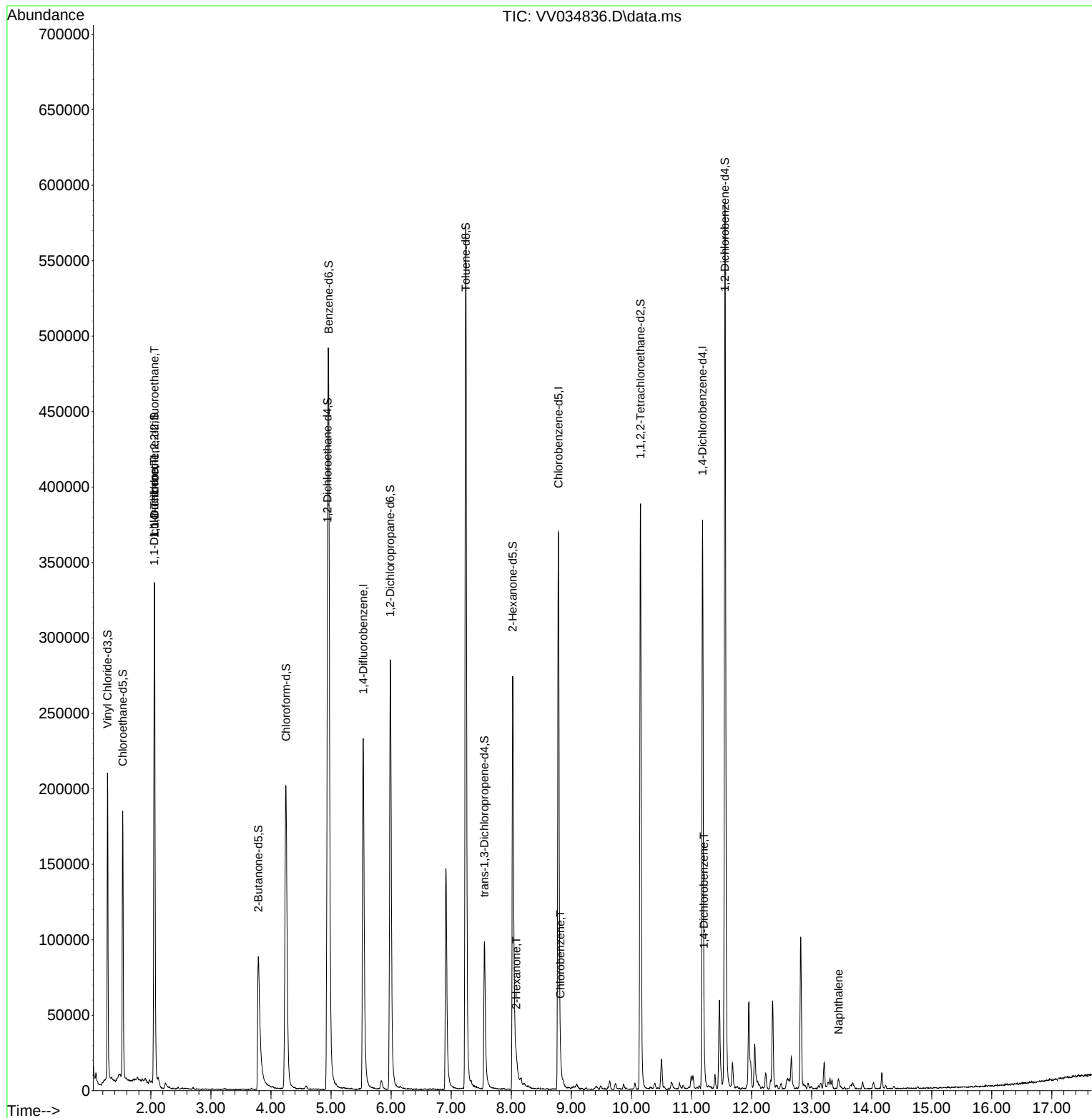
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	206543	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	200165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94277	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	127083	63.711	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 127.420%		
7) Chloroethane-d5	1.532	69	111274	64.226	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 128.460%		
11) 1,1-Dichloroethene-d2	2.060	65	56129	64.193	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 128.380%#		
21) 2-Butanone-d5	3.790	46	146256	123.630	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 123.630%		
24) Chloroform-d	4.249	84	218296	65.091	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 130.180%#		
26) 1,2-Dichloroethane-d4	4.941	65	140207	65.848	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 131.700%#		
32) Benzene-d6	4.960	84	446017	66.336	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 132.680%#		
36) 1,2-Dichloropropane-d6	5.986	67	143338	67.135	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 134.260%#		
41) Toluene-d8	7.243	98	382872	63.230	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 126.460%#		
43) trans-1,3-Dichloroprop...	7.555	79	62950	60.648	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 121.300%		
47) 2-Hexanone-d5	8.024	63	98963	122.594	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 122.590%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	189909	64.591	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 129.180%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	143470	67.779	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 135.560%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1592	0.982	ug/L #	26
12) 1,1-Dichloroethene	2.057	96	1678	1.083	ug/L #	1
48) 2-Hexanone	8.085	43	8085	4.128	ug/L #	51
51) Chlorobenzene	8.818	112	6867	1.551	ug/L	92
65) 1,4-Dichlorobenzene	11.207	146	3297	1.021	ug/L	86
71) Naphthalene	13.448	128	6105	1.047	ug/L	98

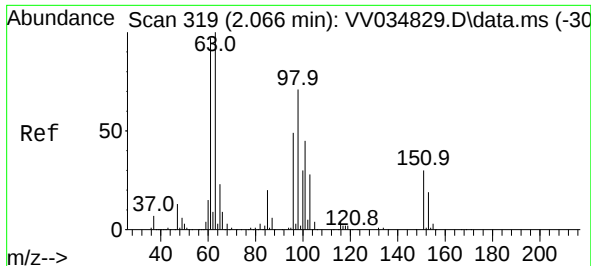
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:34:52 2024
Response via : Initial Calibration

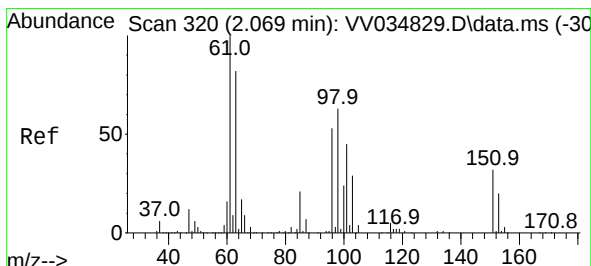
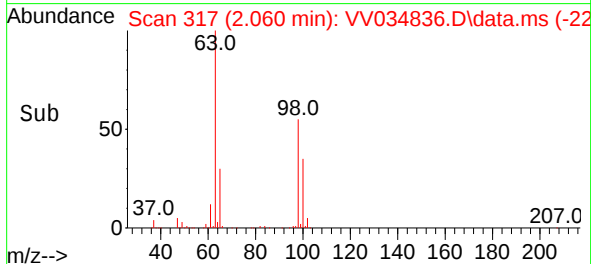
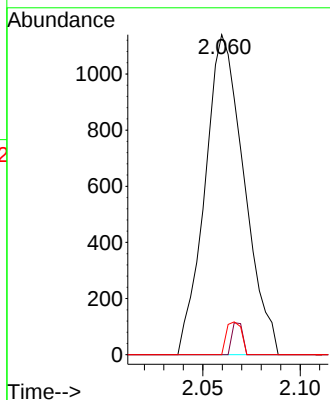
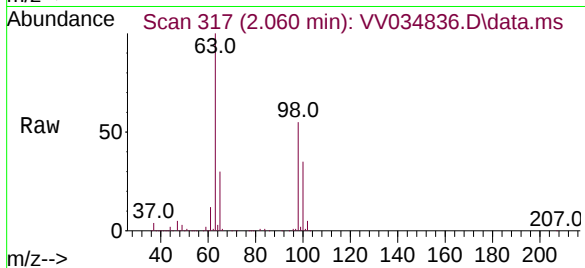




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.982 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV034836.D
 Acq: 26 Mar 2024 18:41

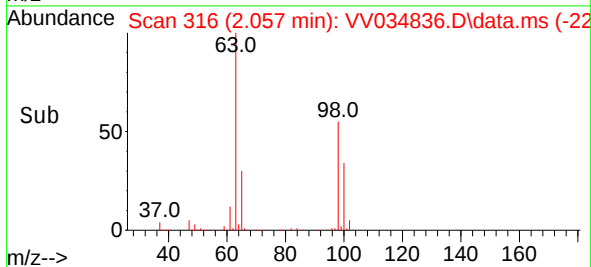
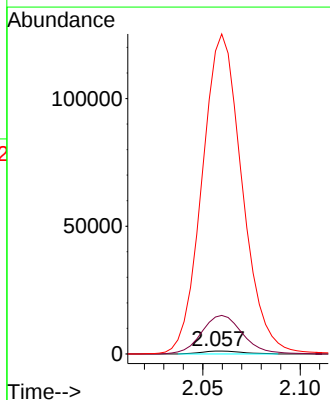
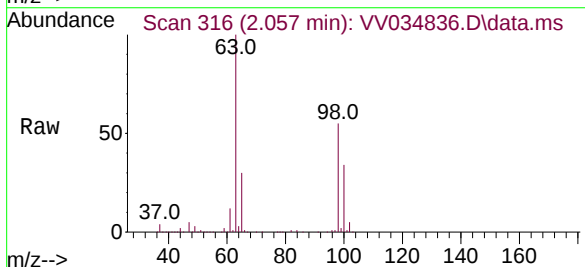
Instrument :
 MSVOA_V
 ClientSampleId :

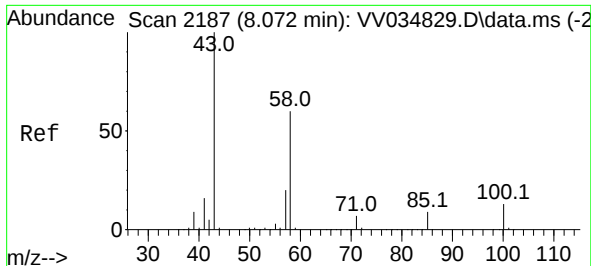
Tgt Ion:101 Resp: 1592
 Ion Ratio Lower Upper
 101 100
 85 2.7 35.3 52.9#
 151 4.0 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 1.083 ug/L
 RT: 2.057 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV034836.D
 Acq: 26 Mar 2024 18:41

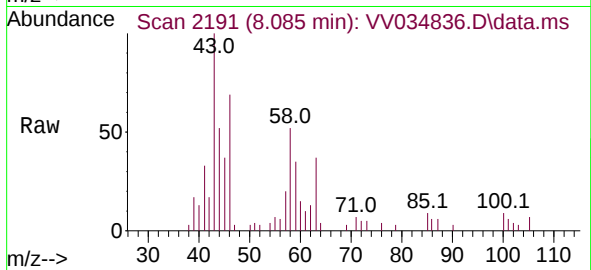
Tgt Ion: 96 Resp: 1678
 Ion Ratio Lower Upper
 96 100
 61 1253.2 131.5 244.3#
 63 10272.4 111.4 206.8#



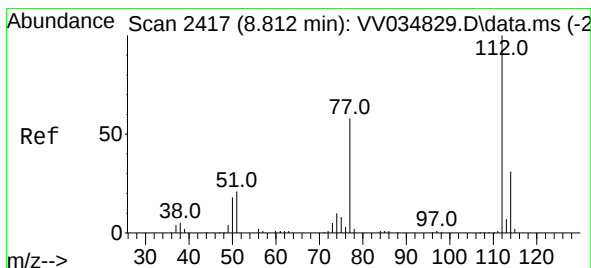
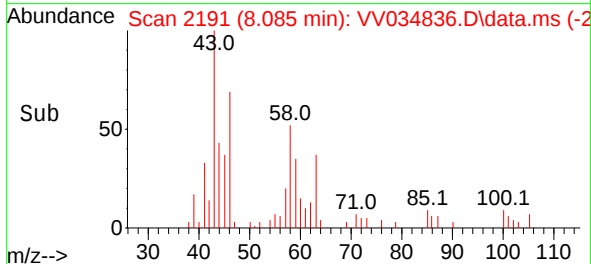
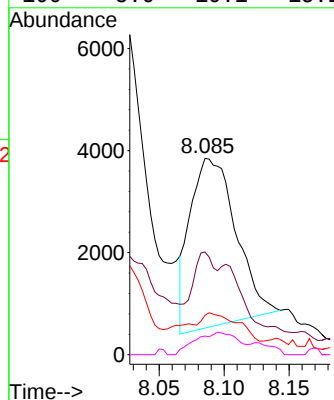


#48
2-Hexanone
Concen: 4.128 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034836.D
Acq: 26 Mar 2024 18:41

Instrument :
MSVOA_V
ClientSampleId :

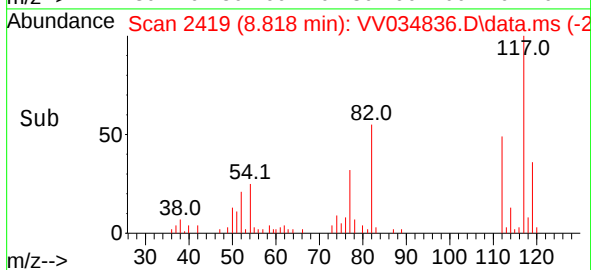
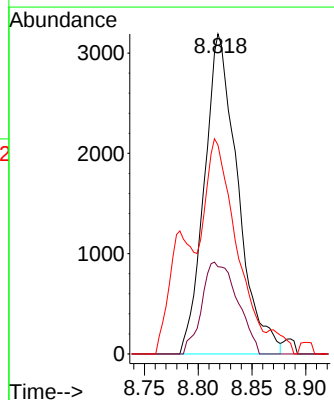
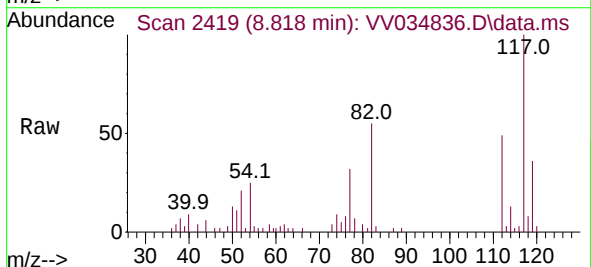


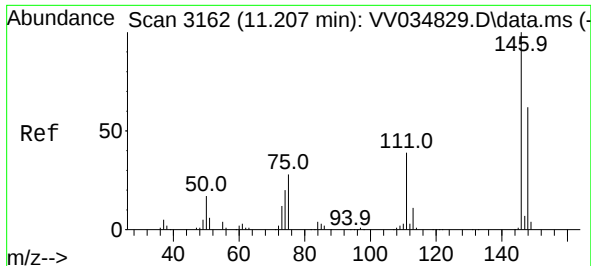
Tgt Ion:	43	58	57	100
Ratio	100	13.1	3.3	5.0
Lower		45.4	16.2	10.1
Upper		68.2#	24.4#	15.1#



#51
Chlorobenzene
Concen: 1.551 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.007 min
Lab File: VV034836.D
Acq: 26 Mar 2024 18:41

Tgt Ion:	112	114	77
Ratio	100	27.3	65.3
Lower		22.0	47.4
Upper		41.0	71.2





#65

1,4-Dichlorobenzene

Concen: 1.021 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

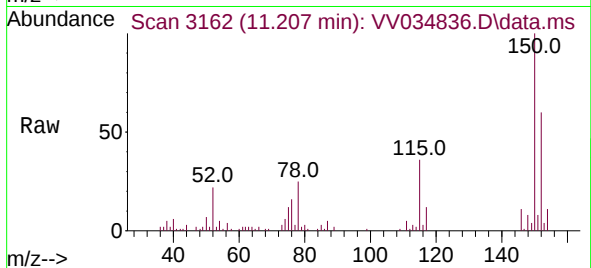
Lab File: VV034836.D

Acq: 26 Mar 2024 18:41

Instrument :

MSVOA_V

ClientSampleId :



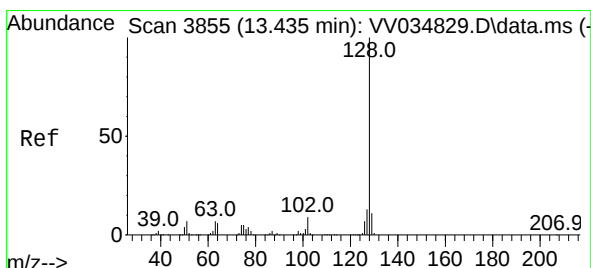
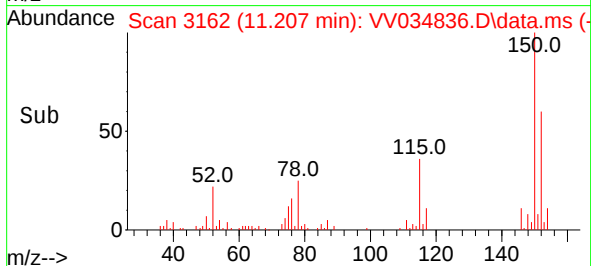
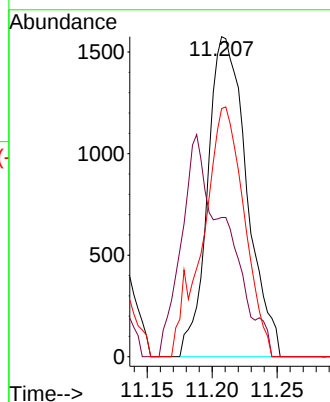
Tgt Ion:146 Resp: 3297

Ion Ratio Lower Upper

146 100

111 43.5 27.4 50.8

148 77.5 44.2 82.2



#71

Naphthalene

Concen: 1.047 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV034836.D

Acq: 26 Mar 2024 18:41

Tgt Ion:128 Resp: 6105

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 10.6 8.7 13.1

