

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034841.D
 Acq On : 26 Mar 2024 20:40
 Operator : SY/MD
 Sample : P1852-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:39:02 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)

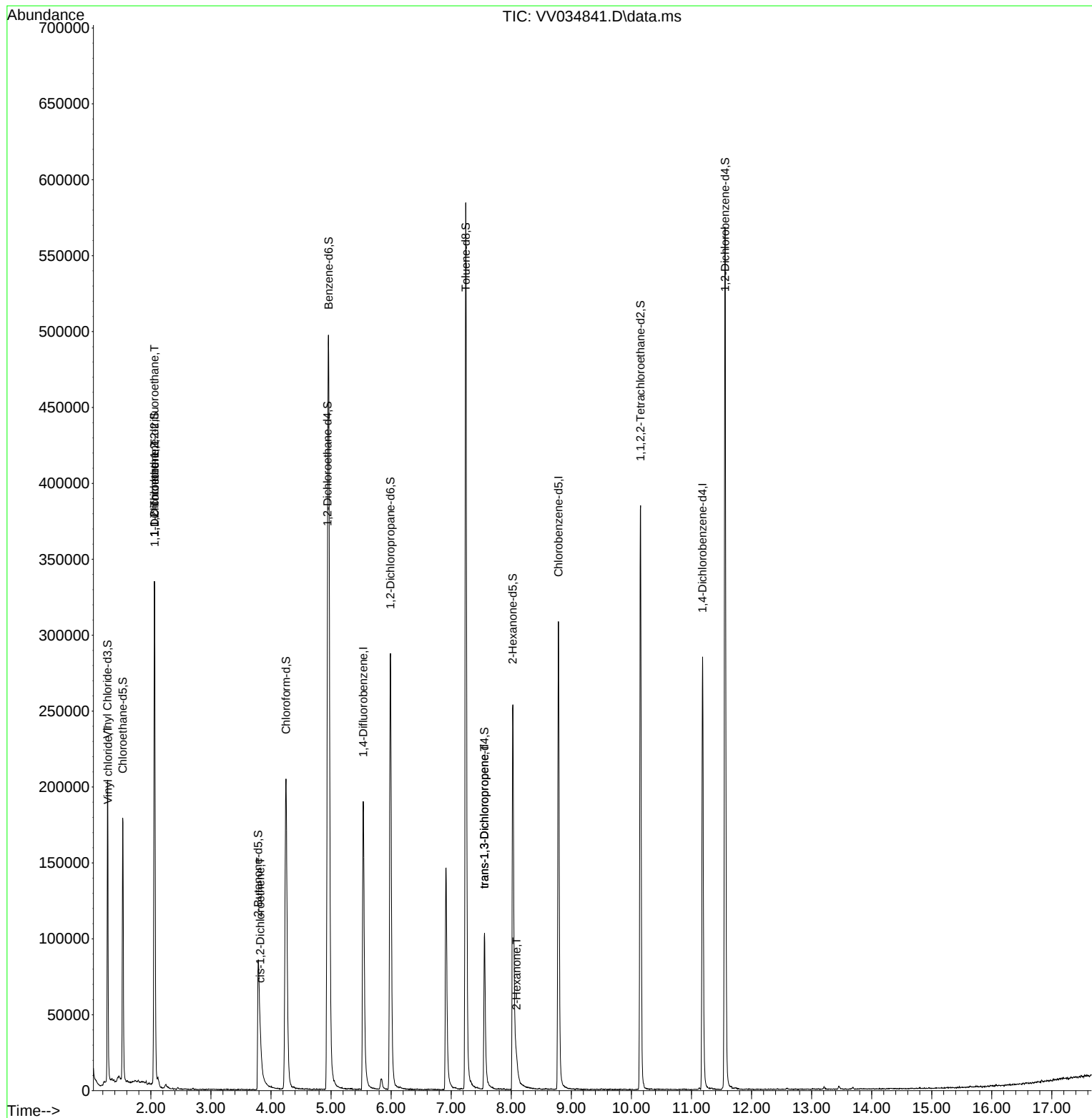
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	167702	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	165667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	72915	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	126849	78.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 156.640%#			
7) Chloroethane-d5	1.532	69	111328	79.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 158.280%#			
11) 1,1-Dichloroethene-d2	2.060	65	56589	79.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 159.420%#			
21) 2-Butanone-d5	3.786	46	140386	146.153	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 146.150%#			
24) Chloroform-d	4.249	84	221198	81.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 162.460%#			
26) 1,2-Dichloroethane-d4	4.940	65	145719	84.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 168.580%#			
32) Benzene-d6	4.960	84	455230	81.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 163.600%#			
36) 1,2-Dichloropropane-d6	5.989	67	144526	81.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 163.580%#			
41) Toluene-d8	7.243	98	395620	78.941	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 157.880%#			
43) trans-1,3-Dichloroprop...	7.554	79	62421	72.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 145.320%#			
47) 2-Hexanone-d5	8.024	63	91968	137.653	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 137.650%#			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	191508	78.698	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 157.400%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	142116	86.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 173.620%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1659	1.013	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1547	1.176	ug/L #	24
12) 1,1-Dichloroethene	2.063	96	1590	1.263	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	3819	2.764	ug/L	85
44) trans-1,3-Dichloropropene	7.554	75	3056	1.414	ug/L	91
48) 2-Hexanone	8.088	43	9961	6.144	ug/L #	88

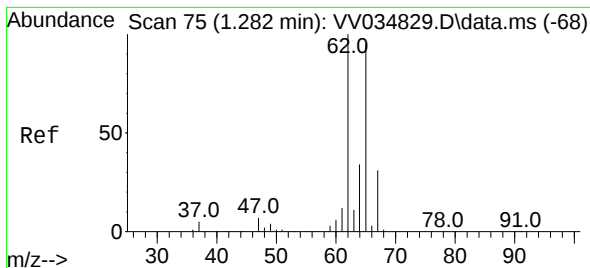
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 1.013 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV034841.D

Acq: 26 Mar 2024 20:40

Instrument :

MSVOA_V

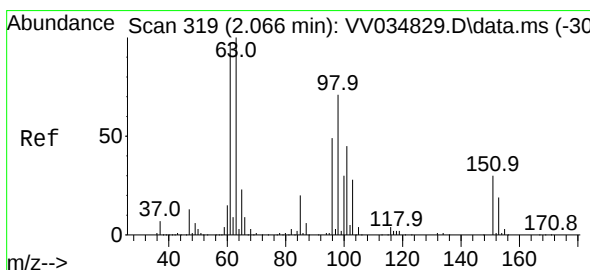
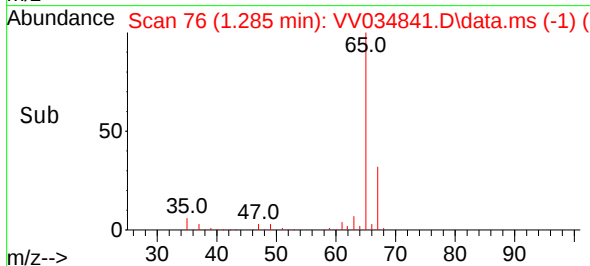
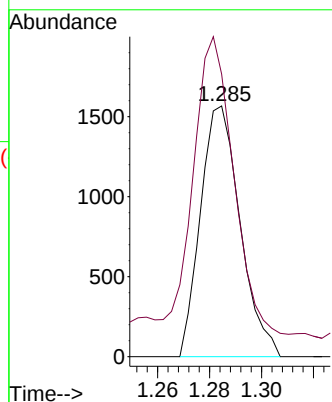
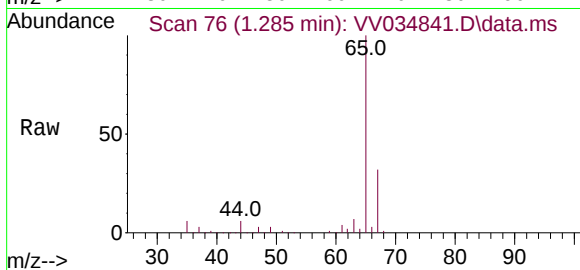
ClientSampleId :

Tgt Ion: 62 Resp: 1659

Ion Ratio Lower Upper

62 100

64 112.7 23.6 43.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.176 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.007 min

Lab File: VV034841.D

Acq: 26 Mar 2024 20:40

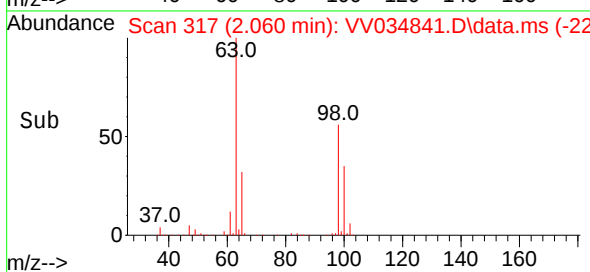
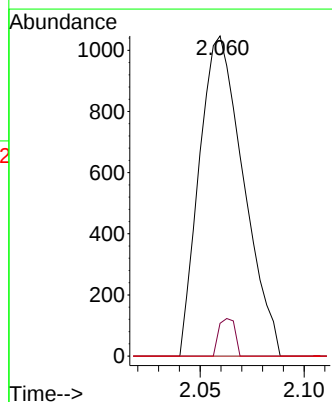
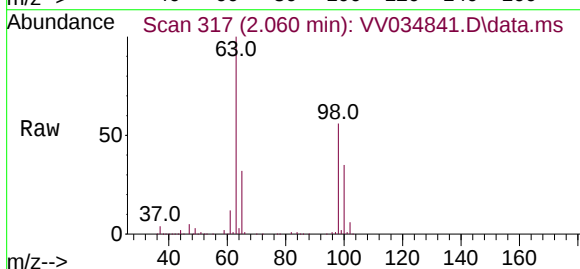
Tgt Ion:101 Resp: 1547

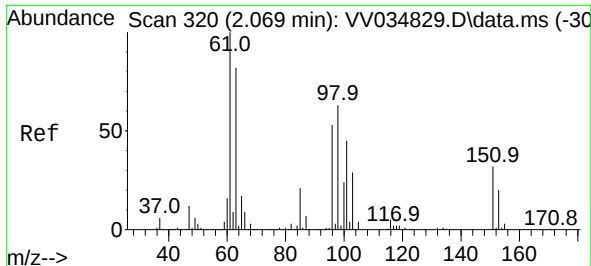
Ion Ratio Lower Upper

101 100

85 4.3 35.3 52.9#

151 0.0 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 1.263 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.007 min

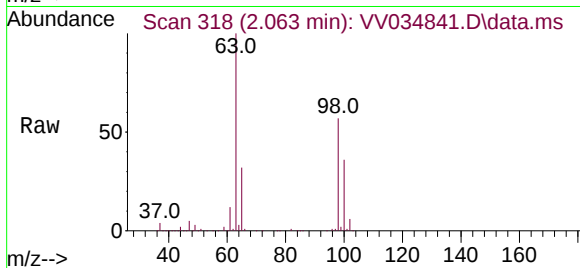
Lab File: VV034841.D

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MSVOA_V

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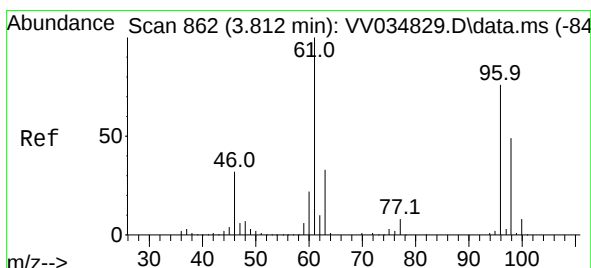
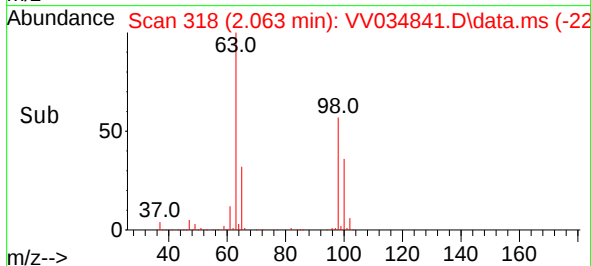
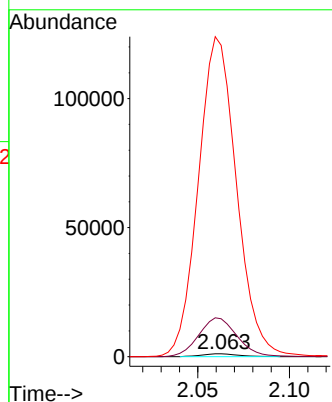
Tgt Ion: 96 Resp: 1590

Ion Ratio Lower Upper

96 100

61 1333.7 131.5 244.3#

63 10964.4 111.4 206.8#



#20

cis-1,2-Dichloroethene

Concen: 2.764 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV034841.D

Acq: 26 Mar 2024 20:40

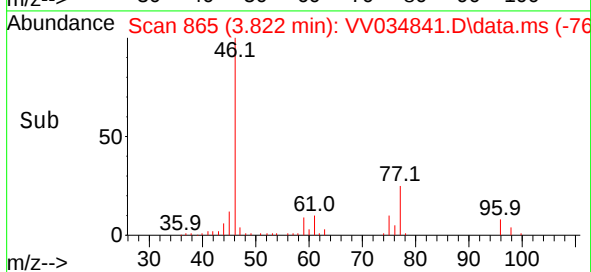
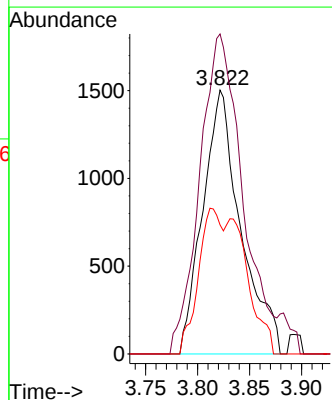
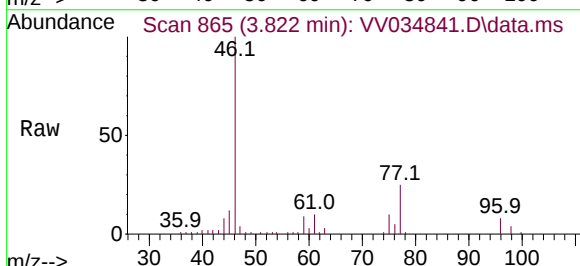
Tgt Ion: 96 Resp: 3819

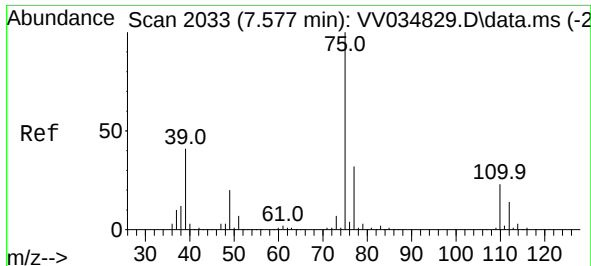
Ion Ratio Lower Upper

96 100

61 121.3 94.9 176.3

98 48.9 45.6 84.8

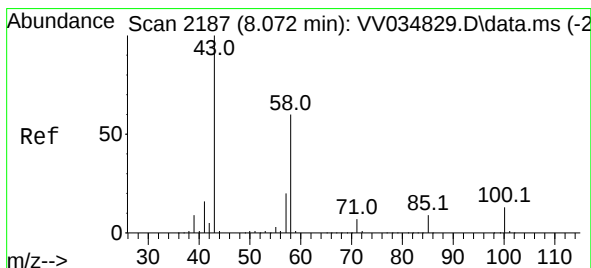
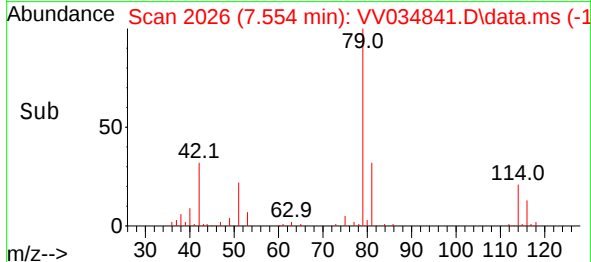
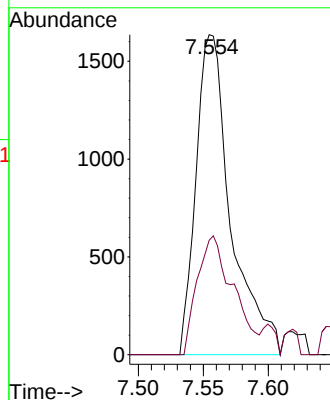
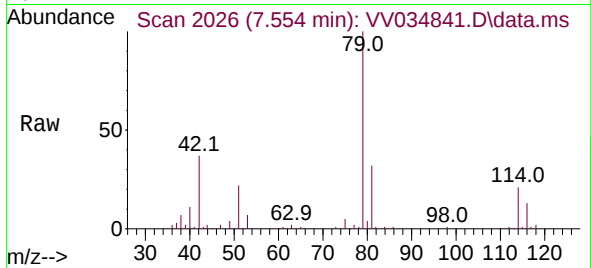




#44
trans-1,3-Dichloropropene
Concen: 1.414 ug/L
RT: 7.554 min Scan# 2033
Delta R.T. -0.023 min
Lab File: VV034841.D
Acq: 26 Mar 2024 20:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3056
Ion Ratio Lower Upper
75 100
77 35.8 21.7 40.3



#48
2-Hexanone
Concen: 6.144 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034841.D
Acq: 26 Mar 2024 20:40

Tgt Ion: 43 Resp: 9961
Ion Ratio Lower Upper
43 100
58 51.9 45.4 68.2
57 3.8 16.2 24.4#
100 12.3 10.1 15.1

