

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031487.D
 Acq On : 09 Jun 2023 11:27
 Operator : SY/MD
 Sample : 03106-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 10 01:39:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

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

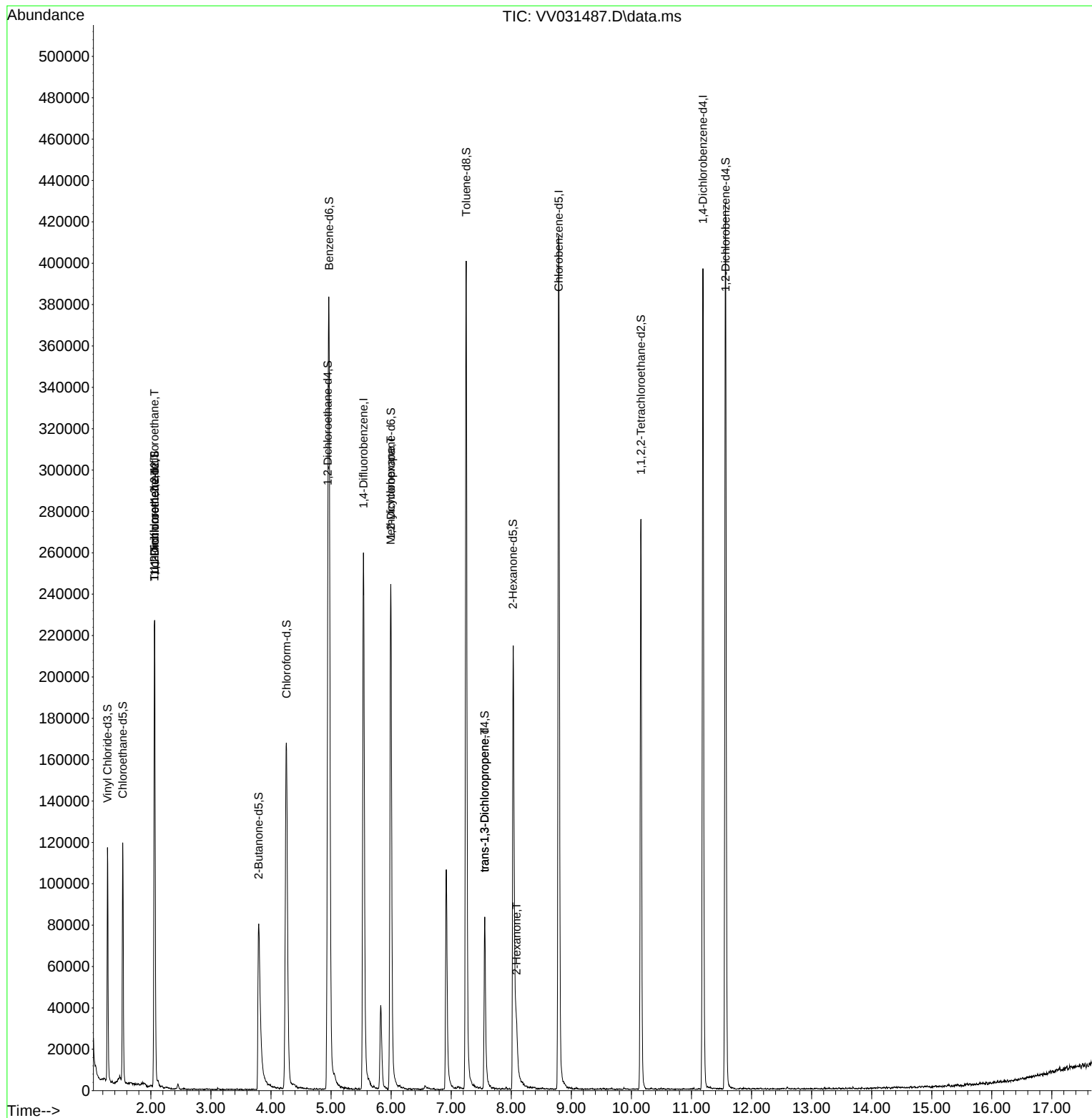
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	211958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	222685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	103554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74987	40.210	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.420%	
7) Chloroethane-d5	1.532	69	74783	49.531	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.060%	
11) 1,1-Dichloroethene-d2	2.063	65	40225	45.512	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.020%	
21) 2-Butanone-d5	3.796	46	139170	103.262	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.260%	
24) Chloroform-d	4.256	84	182169	51.354	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.700%	
26) 1,2-Dichloroethane-d4	4.947	65	128552	54.020	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.040%	
32) Benzene-d6	4.966	84	316765	48.181	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.360%	
36) 1,2-Dichloropropane-d6	5.995	67	120393	52.682	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.360%	
41) Toluene-d8	7.249	98	267271	44.254	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.500%	
43) trans-1,3-Dichloroprop...	7.558	79	49937	43.381	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.760%	
47) 2-Hexanone-d5	8.031	63	68699	79.816	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	79.820%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	132927	46.091	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.180%	
66) 1,2-Dichlorobenzene-d4	11.567	152	107708	56.070	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.140%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.060	101	1318	0.664	ug/L #	29
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1318	1.026	ug/L #	26
12) 1,1-Dichloroethene	2.063	96	1053	1.245	ug/L #	1
35) Methylcyclohexane	5.992	83	26878	20.301	ug/L #	14
44) trans-1,3-Dichloropropene	7.558	75	2444	0.912	ug/L	93
48) 2-Hexanone	8.088	43	14874	6.614	ug/L #	92

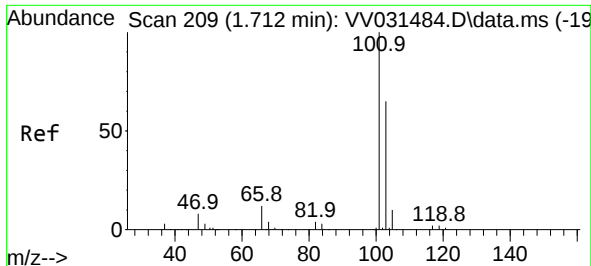
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 10 01:38:32 2023
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.664 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.348 min

Lab File: VV031487.D

Acq: 09 Jun 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

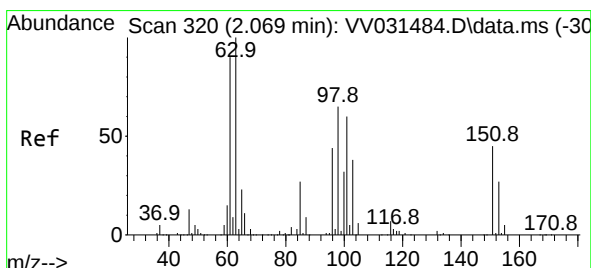
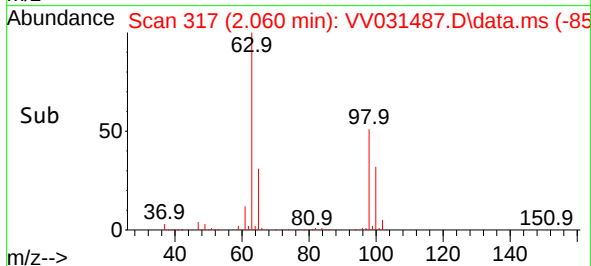
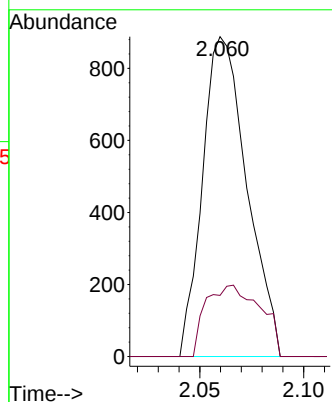
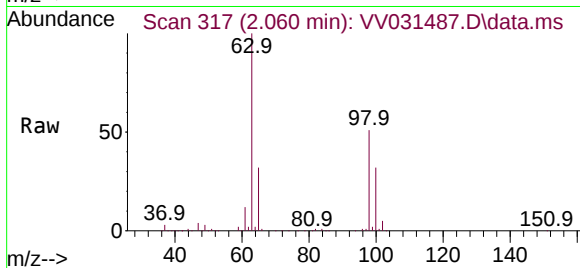
VHBLK001

Tgt Ion:101 Resp: 1318

Ion Ratio Lower Upper

101 100

103 9.0 51.8 77.6#



#10

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

Concen: 1.026 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.009 min

Lab File: VV031487.D

Acq: 09 Jun 2023 11:27

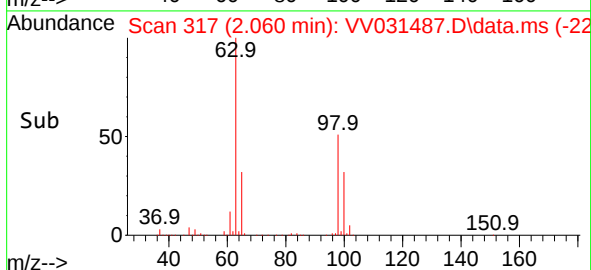
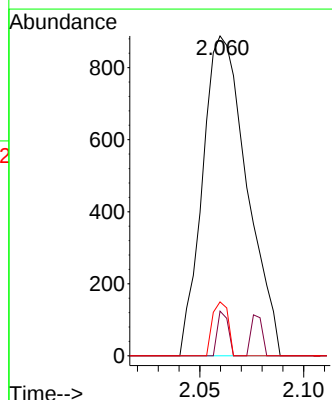
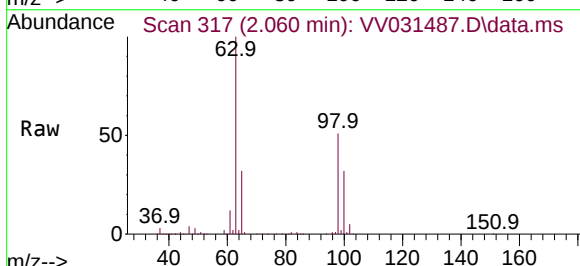
Tgt Ion:101 Resp: 1318

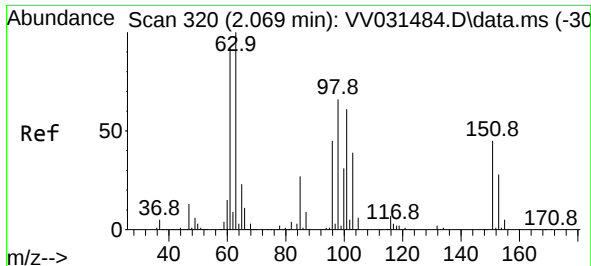
Ion Ratio Lower Upper

101 100

85 3.3 37.3 55.9#

151 5.9 57.8 86.6#





#12

1,1-Dichloroethene

Concen: 1.245 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031487.D

Acq: 09 Jun 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

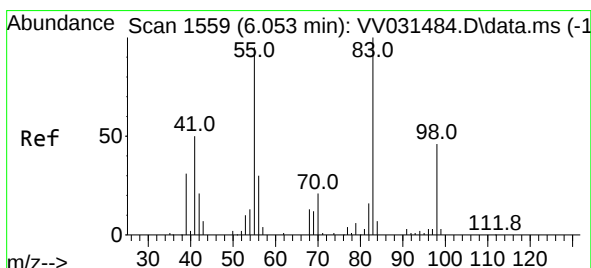
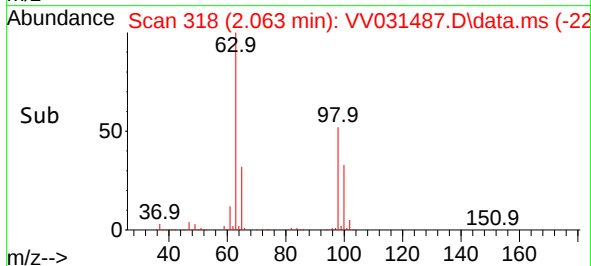
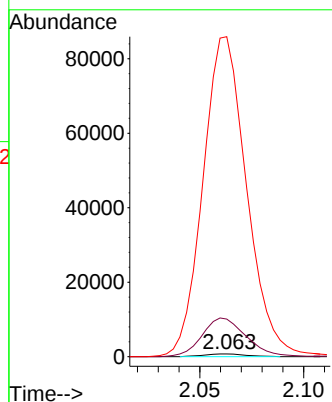
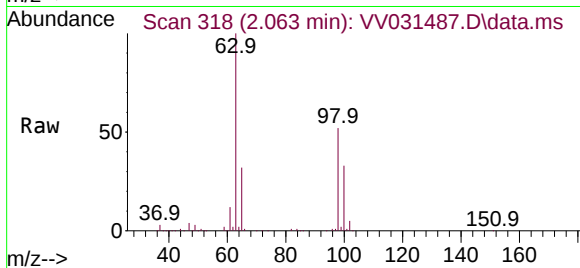
Tgt Ion: 96 Resp: 1053

Ion Ratio Lower Upper

96 100

61 1349.5 143.9 267.3#

63 11503.1 158.3 293.9#



#35

Methylcyclohexane

Concen: 20.301 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV031487.D

Acq: 09 Jun 2023 11:27

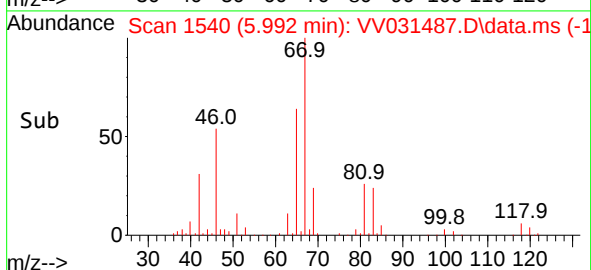
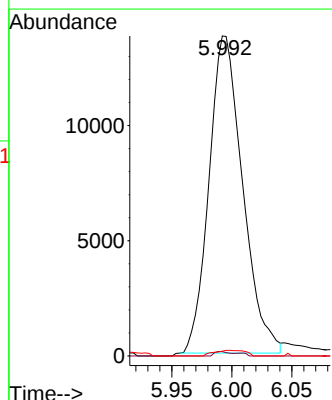
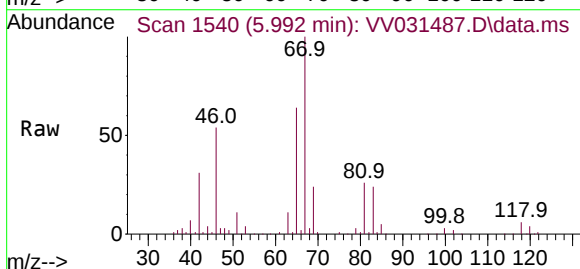
Tgt Ion: 83 Resp: 26878

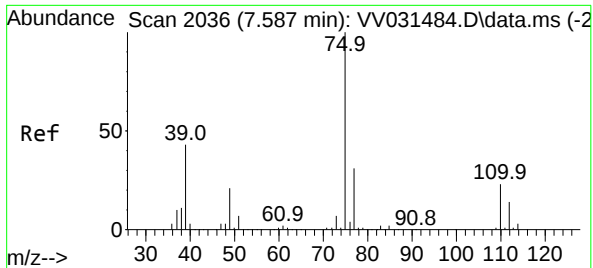
Ion Ratio Lower Upper

83 100

55 0.6 73.9 110.9#

98 1.6 37.0 55.4#

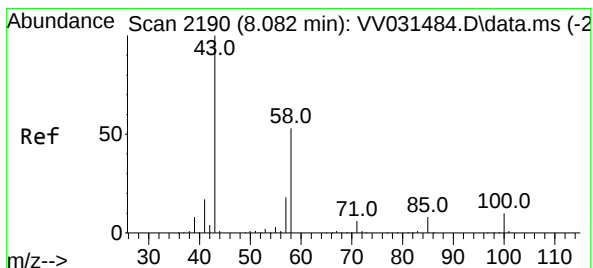
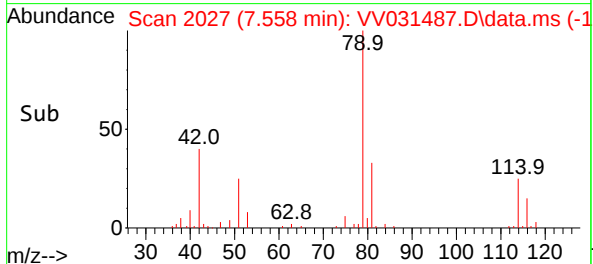
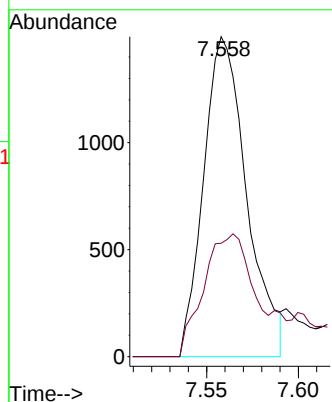
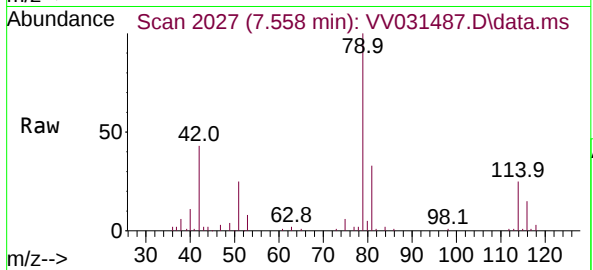




#44
trans-1,3-Dichloropropene
Concen: 0.912 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031487.D
Acq: 09 Jun 2023 11:27

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 2444
Ion Ratio Lower Upper
75 100
77 35.5 22.2 41.2



#48
2-Hexanone
Concen: 6.614 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.007 min
Lab File: VV031487.D
Acq: 09 Jun 2023 11:27

Tgt Ion: 43 Resp: 14874
Ion Ratio Lower Upper
43 100
58 49.0 42.9 64.3
57 11.7 14.6 22.0#
100 9.4 8.2 12.2

