

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090823\
 Data File : VV031977.D
 Acq On : 08 Sep 2023 11:55
 Operator : SY/MD
 Sample : 04277-01 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 05:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

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

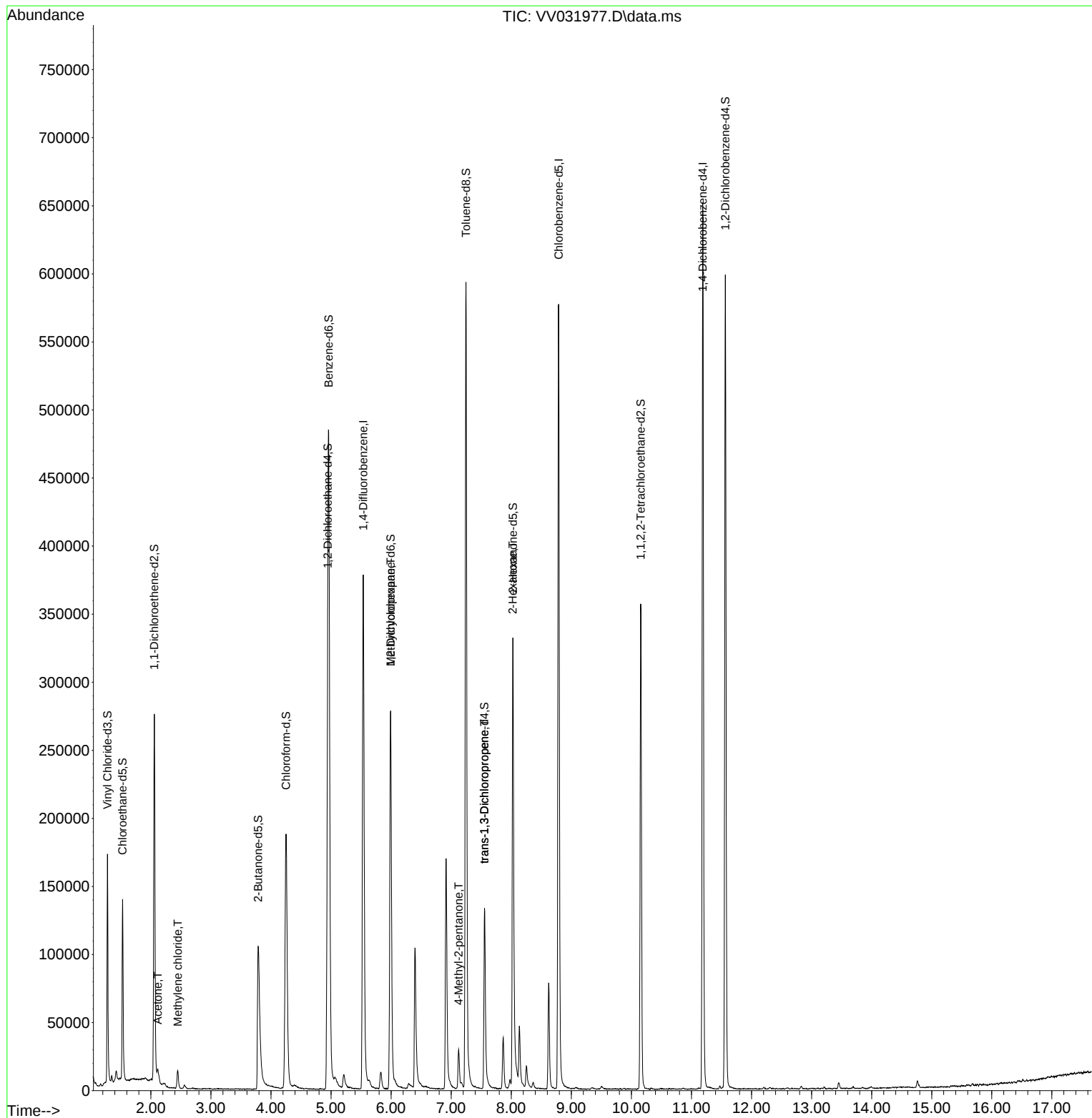
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	321109	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	307760	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	160449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	108484	53.982	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	107.960%	
7) Chloroethane-d5	1.529	69	88386	50.172	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	100.340%	
11) 1,1-Dichloroethene-d2	2.056	65	47410	50.382	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.760%	
21) 2-Butanone-d5	3.786	46	167741	106.128	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	106.130%	
24) Chloroform-d	4.249	84	202930	46.199	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	4.944	65	135692	46.550	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.100%	
32) Benzene-d6	4.960	84	429091	51.095	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	5.992	67	141942	52.513	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	105.020%	
41) Toluene-d8	7.246	98	397320	51.348	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.700%	
43) trans-1,3-Dichloroprop...	7.555	79	70328	50.199	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.400%	
47) 2-Hexanone-d5	8.027	63	118114	142.571	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	142.570%#	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	178065	50.979	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.960%	
66) 1,2-Dichlorobenzene-d4	11.564	152	146204	49.986	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.980%	
Target Compounds						
						Qvalue
13) Acetone	2.114	43	6632	4.714	ug/L	99
16) Methylene chloride	2.449	84	5253	2.429	ug/L	95
35) Methylcyclohexane	5.992	83	31779	9.447	ug/L #	20
40) 4-Methyl-2-pentanone	7.124	43	10375	2.789	ug/L #	48
44) trans-1,3-Dichloropropene	7.555	75	3113	0.795	ug/L	91
48) 2-Hexanone	8.024	43	22818	8.032	ug/L #	54

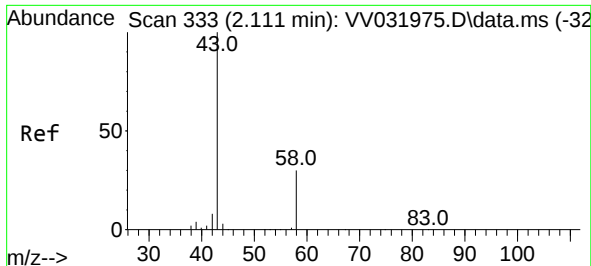
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.714 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031977.D

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Instrument :

MSVOA_V

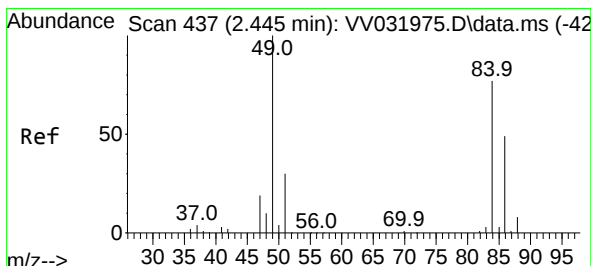
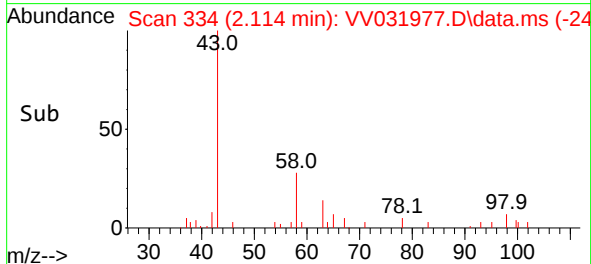
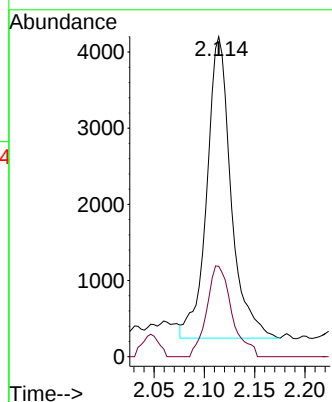
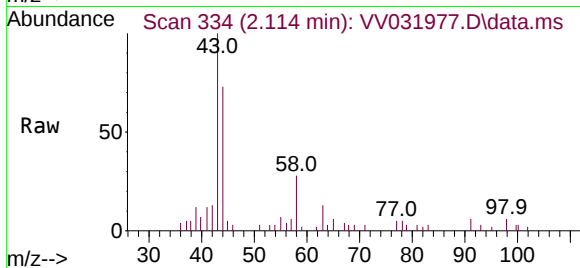
ClientSampleId :

Tgt Ion: 43 Resp: 6632

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.0



#16

Methylene chloride

Concen: 2.429 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV031977.D

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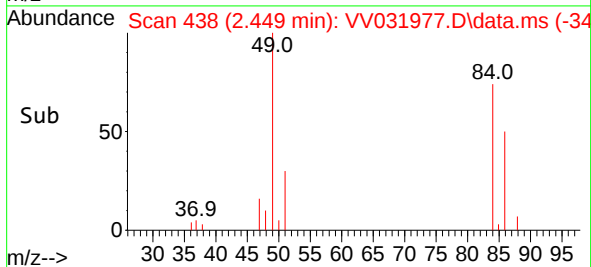
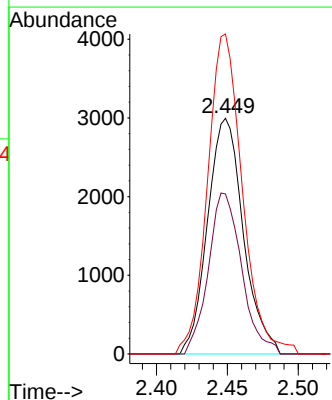
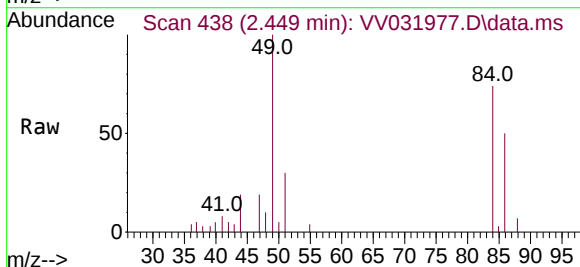
Tgt Ion: 84 Resp: 5253

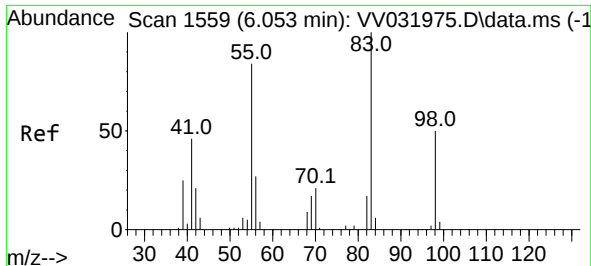
Ion Ratio Lower Upper

84 100

86 67.9 44.6 82.8

49 135.8 91.6 170.2

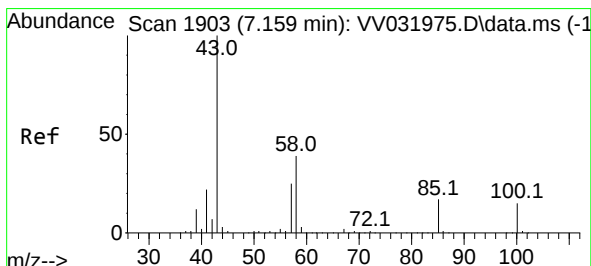
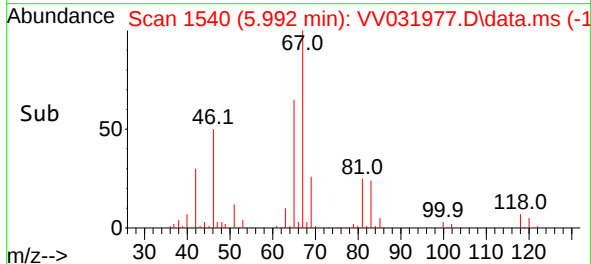
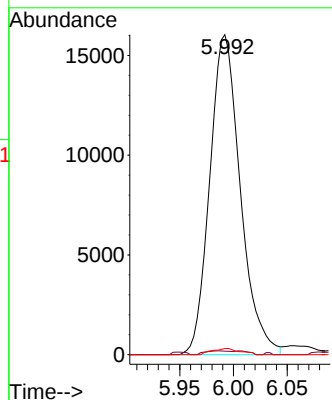
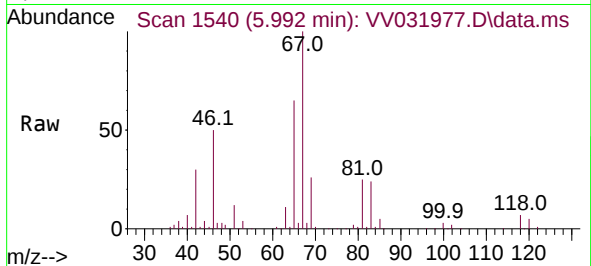




#35
Methylcyclohexane
Concen: 9.447 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV031977.D
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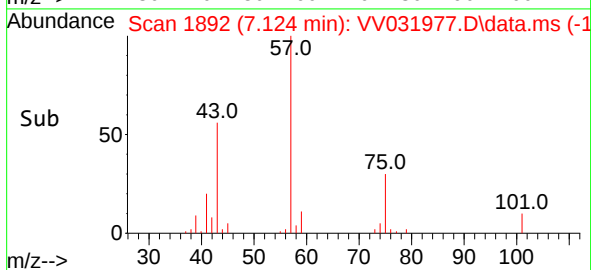
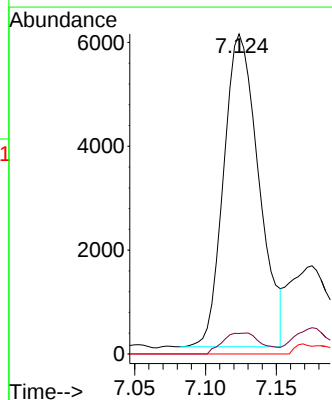
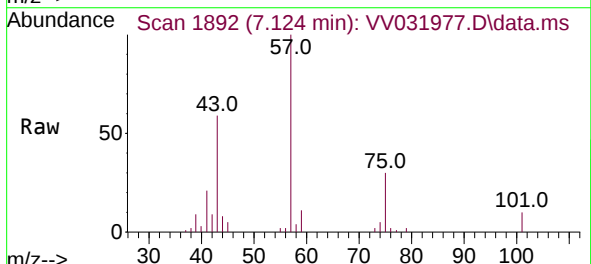
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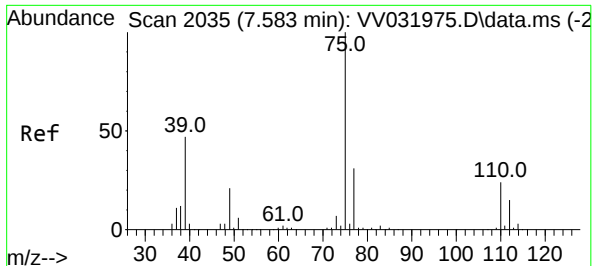
Tgt Ion: 83 Resp: 31779
Ion Ratio Lower Upper
83 100
55 1.0 62.2 93.2#
98 1.8 36.7 55.1#



#40
4-Methyl-2-pentanone
Concen: 2.789 ug/L
RT: 7.124 min Scan# 1892
Delta R.T. -0.035 min
Lab File: VV031977.D
Acq: 08 Sep 2023 11:55

Tgt Ion: 43 Resp: 10375
Ion Ratio Lower Upper
43 100
58 3.5 31.1 46.7#
100 0.0 11.9 17.9#

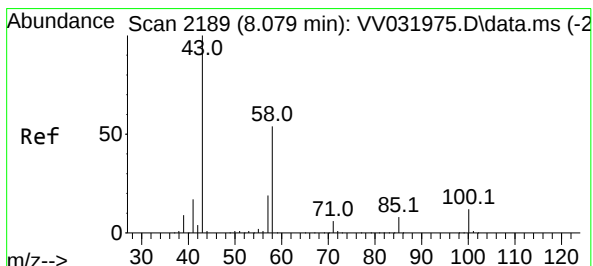
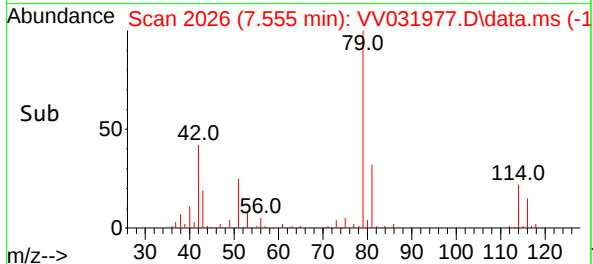
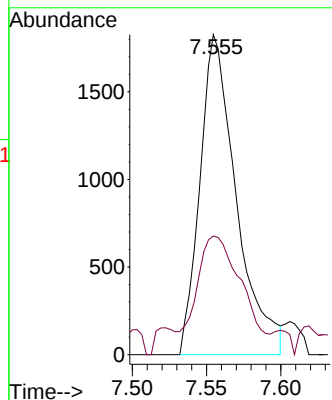
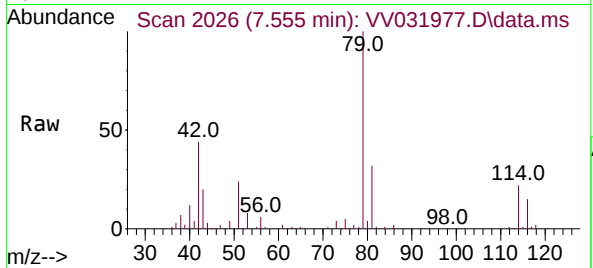




#44
trans-1,3-Dichloropropene
Concen: 0.795 ug/L
RT: 7.555 min Scan# 2035
Delta R.T. -0.029 min
Lab File: VV031977.D
Acq: 08 Sep 2023 11:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3113
Ion Ratio Lower Upper
75 100
77 37.1 22.5 41.9



#48
2-Hexanone
Concen: 8.032 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.055 min
Lab File: VV031977.D
Acq: 08 Sep 2023 11:55

Tgt Ion: 43 Resp: 22818
Ion Ratio Lower Upper
43 100
58 12.6 44.0 66.0#
57 11.5 15.9 23.9#
100 0.0 10.0 15.0#

