

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021076.D
 Acq On : 21 Apr 2021 14:25
 Operator : SY/MD
 Sample : M2067-17 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:41:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

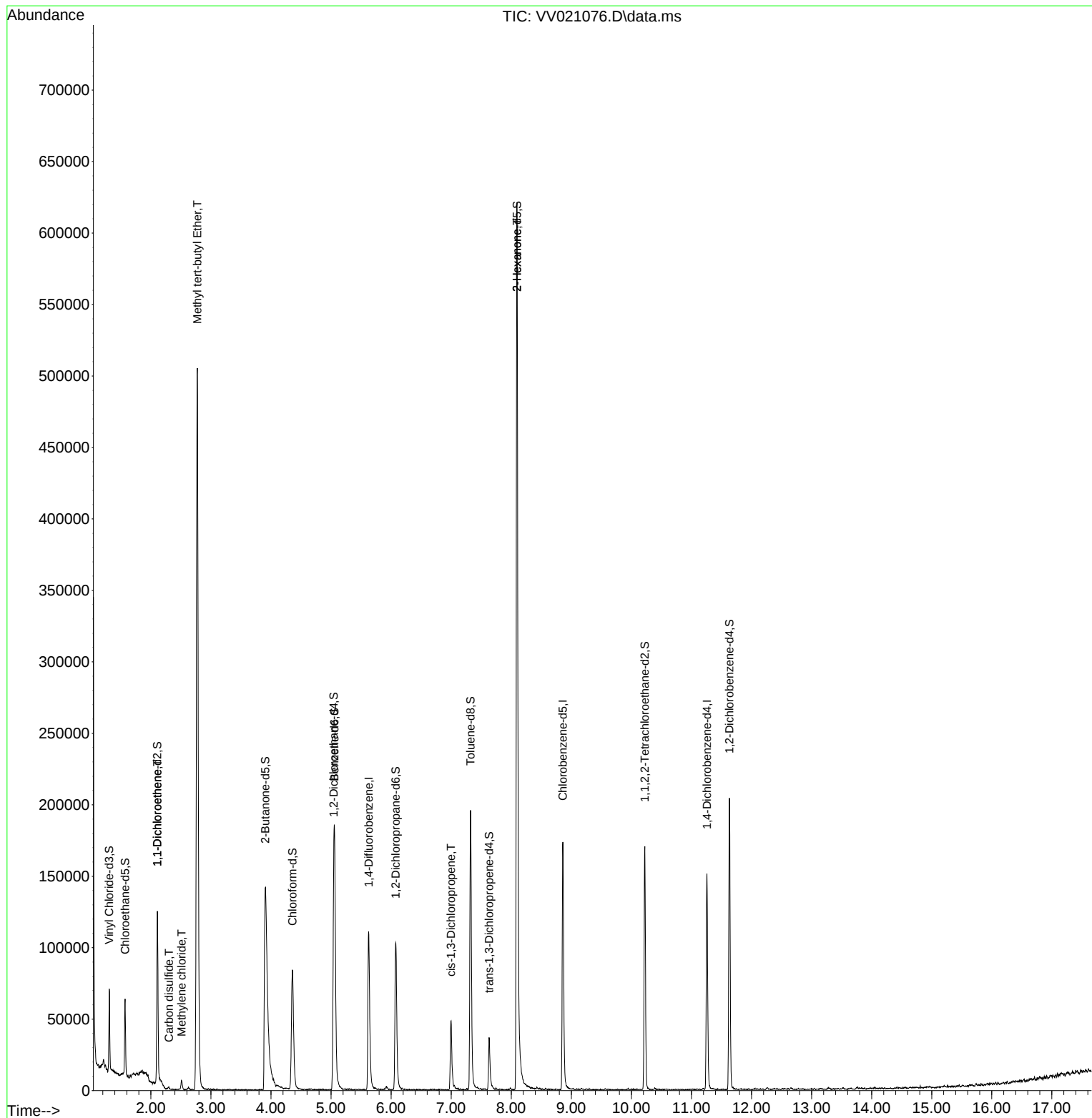
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	100482	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	101803	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	42378	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35088	42.50	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.00%	
7) Chloroethane-d5	1.571	69	33509	55.17	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	110.34%	
11) 1,1-Dichloroethene-d2	2.108	63	62035	40.74	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.48%	
21) 2-Butanone-d5	3.905	46	302014	749.06	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	749.06%#	
24) Chloroform-d	4.359	84	90379	61.40	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	122.80%	
26) 1,2-Dichloroethane-d4	5.043	65	62306	66.59	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	133.18%#	
32) Benzene-d6	5.056	84	158672	58.52	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	117.04%	
36) 1,2-Dichloropropane-d6	6.079	67	49993	61.77	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	123.54%#	
41) Toluene-d8	7.323	98	136153	51.89	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.78%	
43) trans-1,3-Dichloroprop...	7.632	79	21588	48.81	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	97.62%	
47) 2-Hexanone-d5	8.095	63	221487	690.03	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	690.03%#	
56) 1,1,2,2-Tetrachloroeth...	10.223	84	74785	61.27	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	122.54%#	
66) 1,2-Dichlorobenzene-d4	11.632	152	56867	67.93	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	135.86%#	
Target Compounds						
12) 1,1-Dichloroethene	2.108	96	865	1.21	ug/L #	1
14) Carbon disulfide	2.301	76	1921	0.98	ug/L #	72
16) Methylene chloride	2.513	84	2559	3.42	ug/L	91
18) Methyl tert-butyl Ether	2.773	73	537876	254.22	ug/L	100
39) cis-1,3-Dichloropropene	6.995	75	1353	1.19	ug/L #	82
48) 2-Hexanone	8.095	43	25200	37.98	ug/L #	73

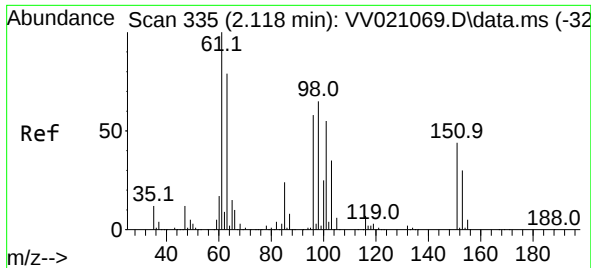
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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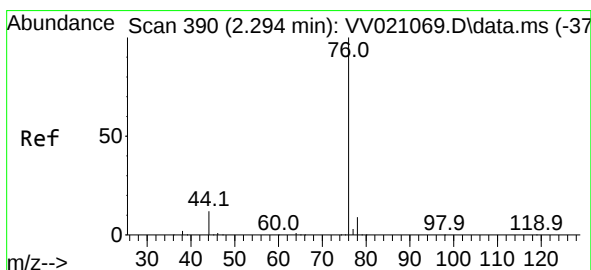
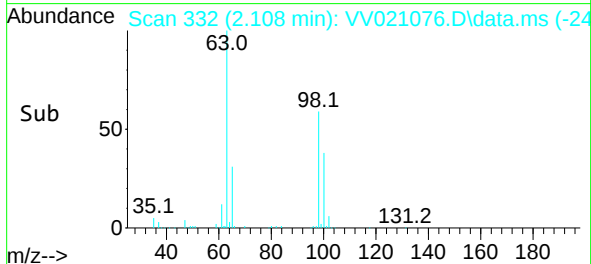
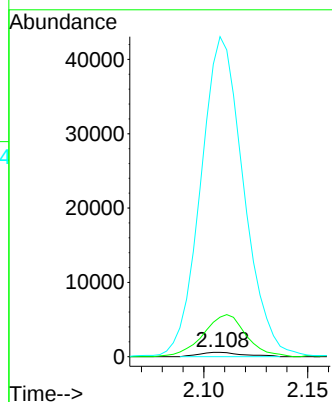
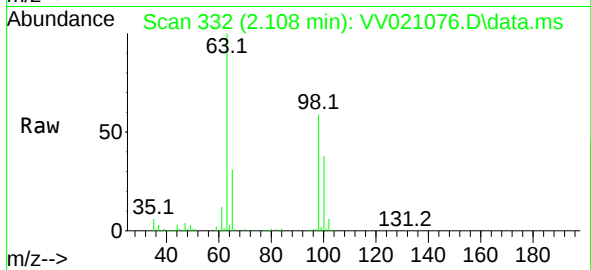




#12
1,1-Dichloroethene
Concen: 1.21 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

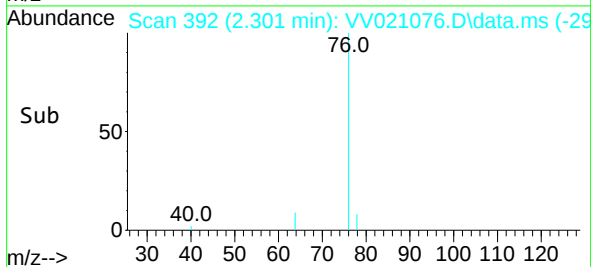
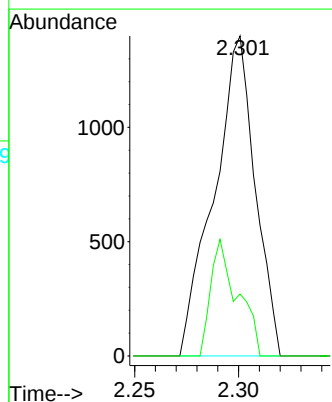
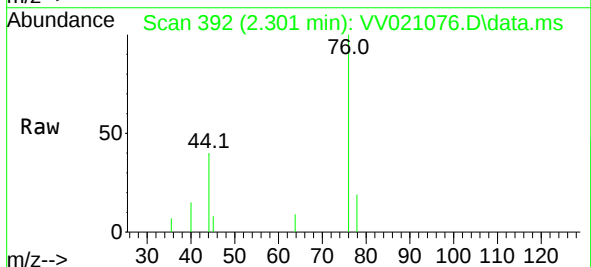
Instrument :
MSVOA_V
ClientSampleId :

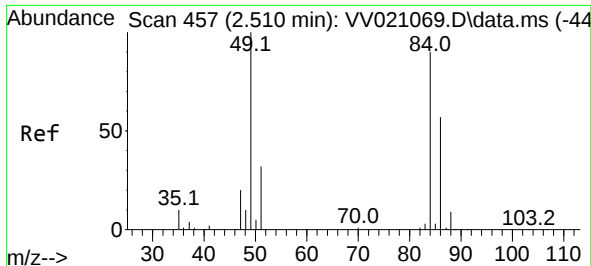
Tgt Ion: 96 Resp: 865
Ion Ratio Lower Upper
96 100
61 905.3 121.4 225.6#
63 7336.3 98.1 182.1#



#14
Carbon disulfide
Concen: 0.98 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.006 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 76 Resp: 1921
Ion Ratio Lower Upper
76 100
78 19.4 7.4 11.2#

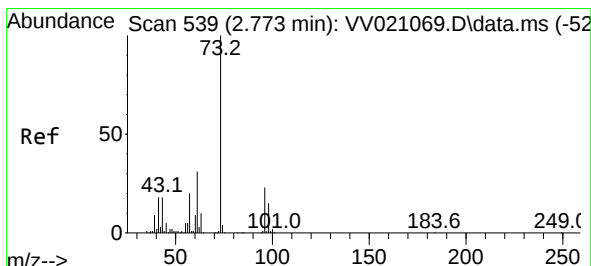
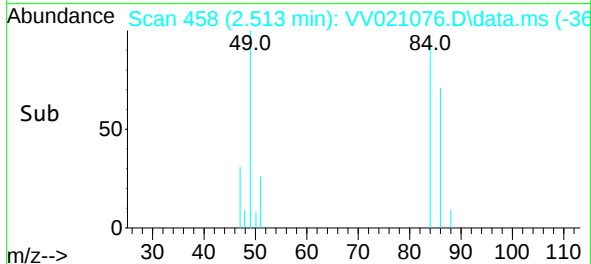
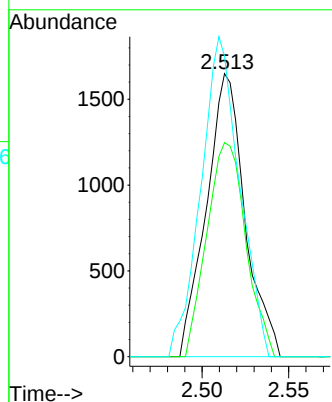
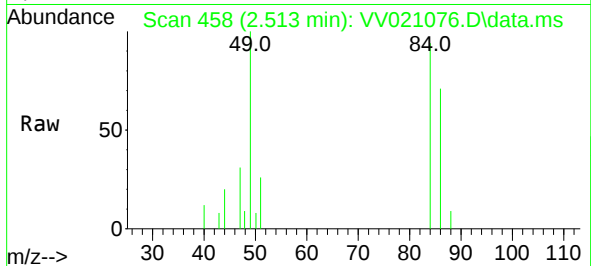




#16
Methylene chloride
Concen: 3.42 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

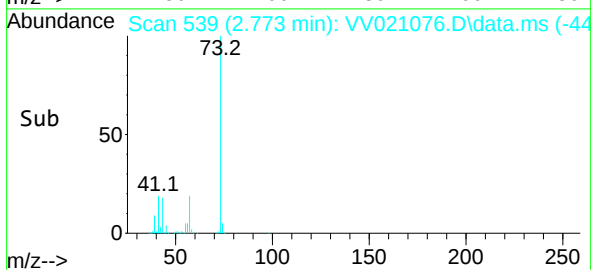
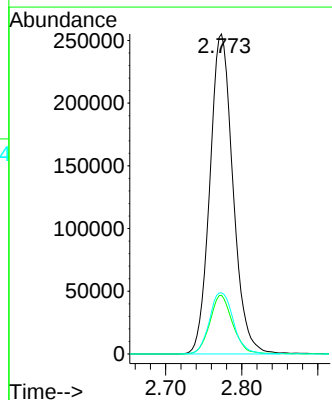
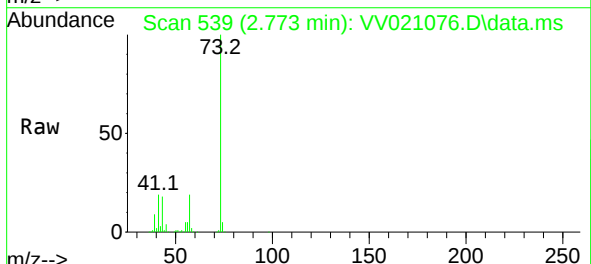
Instrument :
MSVOA_V
ClientSampled :

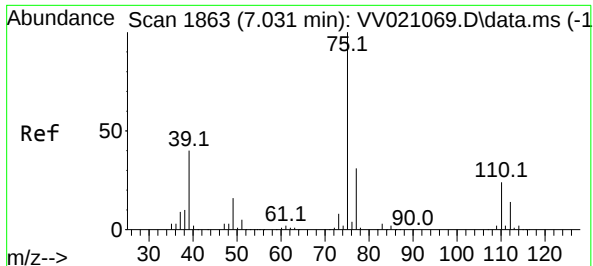
Tgt Ion: 84 Resp: 2559
Ion Ratio Lower Upper
84 100
86 75.6 44.9 83.5
49 106.1 78.1 145.1



#18
Methyl tert-butyl Ether
Concen: 254.22 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 73 Resp: 537876
Ion Ratio Lower Upper
73 100
43 18.1 14.7 22.1
57 19.9 15.9 23.9

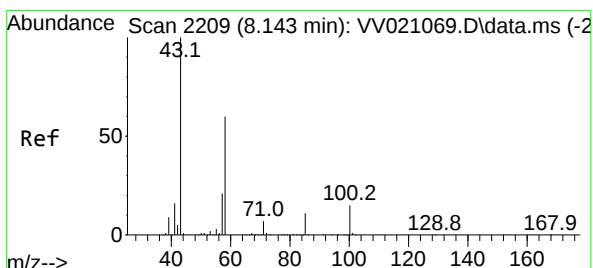
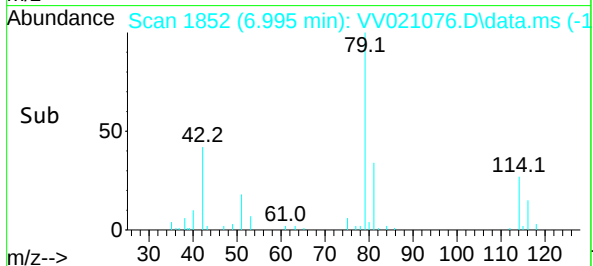
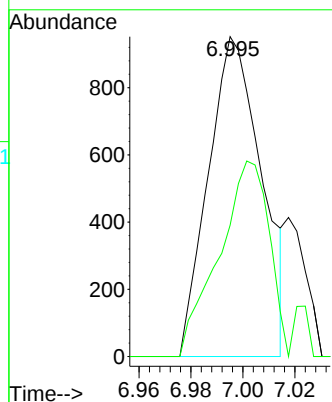
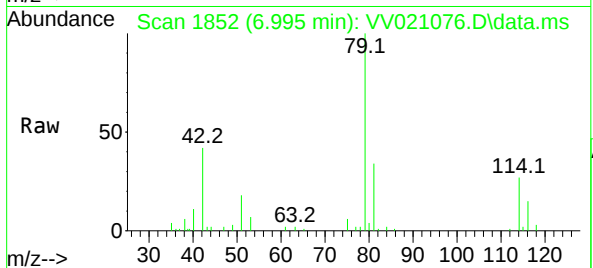




#39
cis-1,3-Dichloropropene
Concen: 1.19 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.035 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1353
Ion Ratio Lower Upper
75 100
77 41.1 21.8 40.6#



#48
2-Hexanone
Concen: 37.98 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV021076.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 43 Resp: 25200
Ion Ratio Lower Upper
43 100
58 37.9 46.8 70.2#
57 32.7 17.6 26.4#
100 2.6 12.0 18.0#

