

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019599.D
 Acq On : 14 Dec 2020 13:04
 Operator : SY/MD
 Sample : L4928-04 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M1

Quant Time: Dec 15 07:22:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	633281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	587954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	276691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	237215	52.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.48%
7) Chloroethane-d5	1.57	69	200137	55.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.76%
11) 1,1-Dichloroethene-d2	2.11	63	349299	41.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.88%
21) 2-Butanone-d5	3.89	46	287347	116.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.42%
24) Chloroform-d	4.35	84	436645	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
26) 1,2-Dichloroethane-d4	5.04	65	301680	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.80%
32) Benzene-d6	5.05	84	882056	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.50%
36) 1,2-Dichloropropane-d6	6.07	67	274752	55.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.86%
41) Toluene-d8	7.32	98	782457	55.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.84%
43) trans-1,3-Dichloropropene-	7.62	79	141903	50.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.58%
47) 2-Hexanone-d5	8.09	63	211923	109.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.93%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	356883	53.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	282170	54.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.12%

Target Compounds

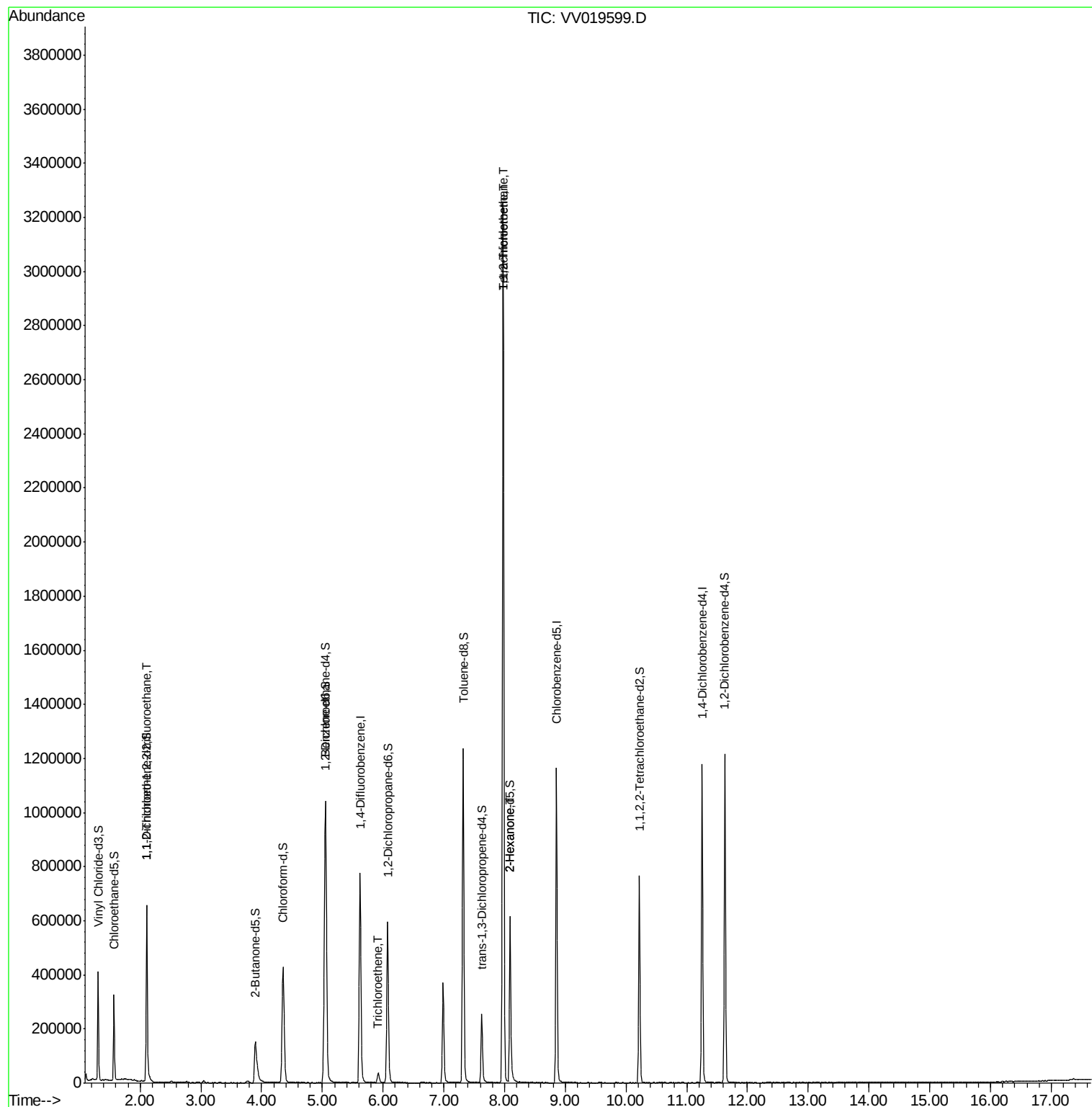
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2931	0.797 ug/L #	24
34) Trichloroethene	5.92	95	11408	2.513 ug/L	96
45) 1,1,2-Trichloroethane	7.98	97	6438	1.511 ug/L #	1
46) Tetrachloroethene	7.98	164	662885	211.048 ug/L	99
48) 2-Hexanone	8.09	43	25477	5.186 ug/L #	67

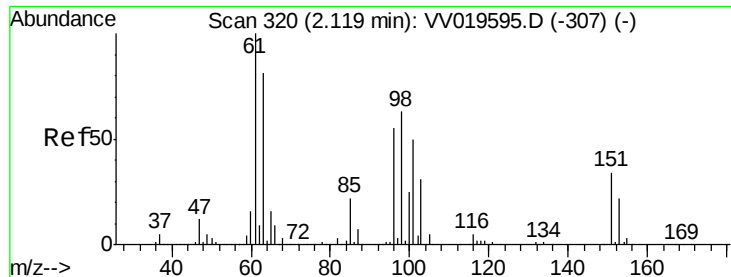
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.797 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019599.D

Acq: 14 Dec 2020 13:04

Instrument :

MSVOA_V

ClientSampled :

BG4M1

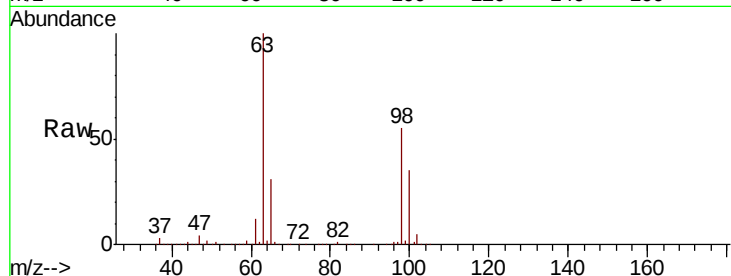
Tot Ion:101 Resp: 2931

Ion Ratio Lower Upper

101 100

85 3.8 35.0 52.4#

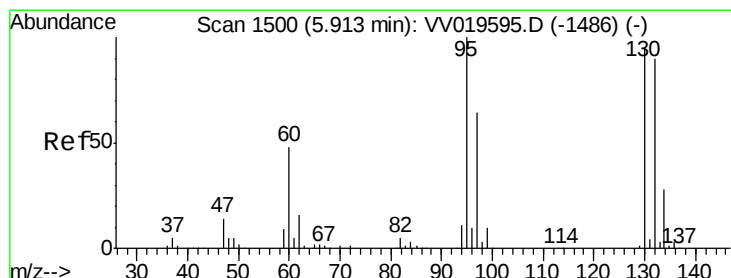
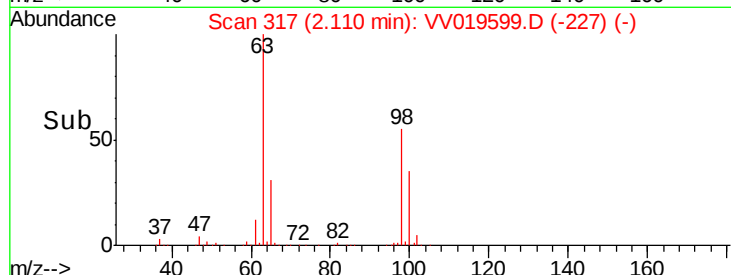
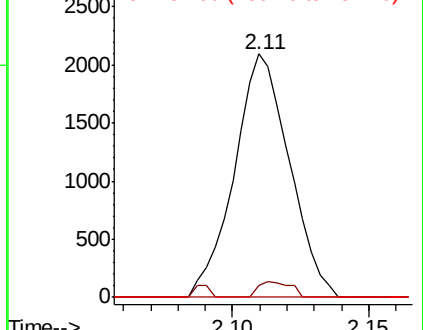
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 2.513 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019599.D

Acq: 14 Dec 2020 13:04

Tgt Ion: 95 Resp: 11408

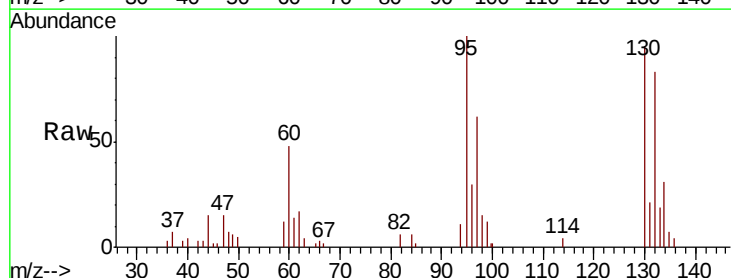
Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.4

132 83.0 64.3 119.3

130 95.0 67.8 125.8

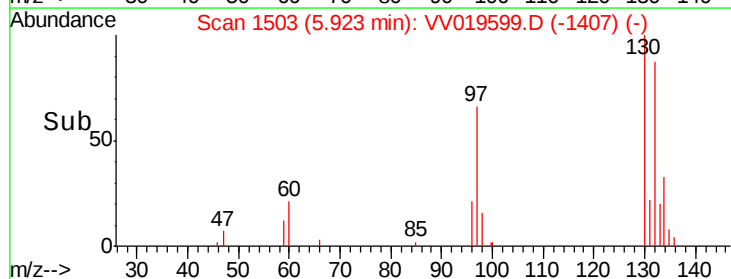
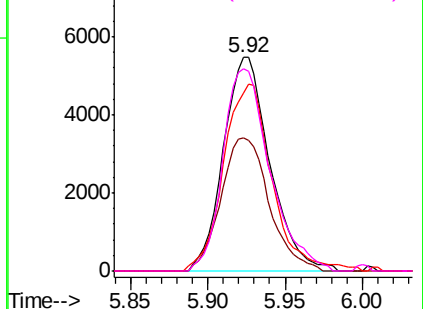


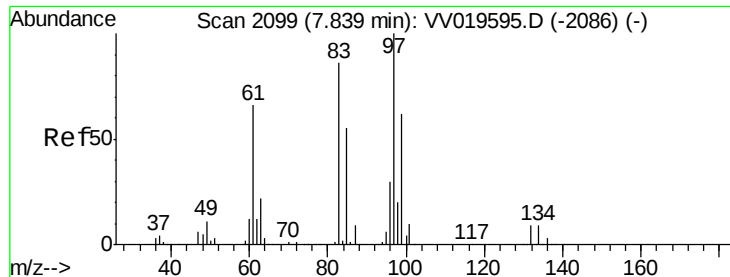
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

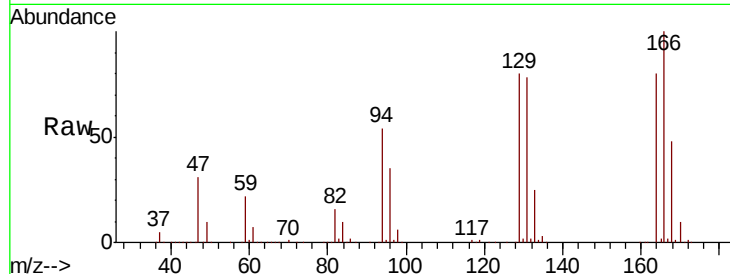




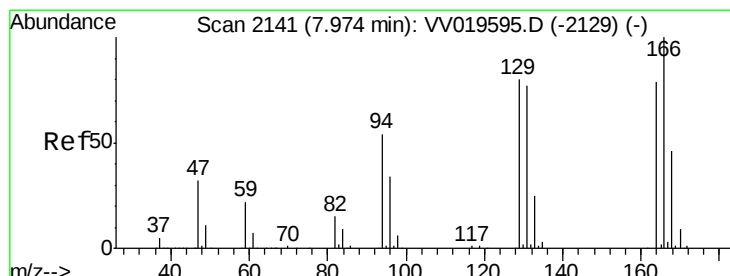
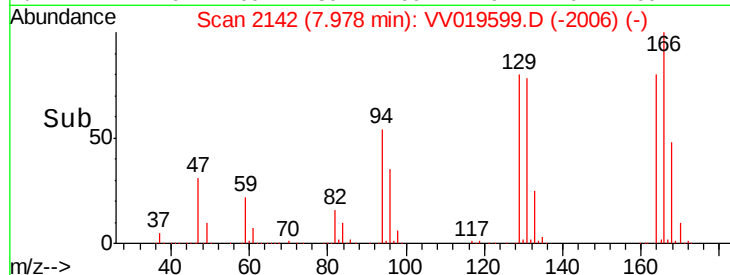
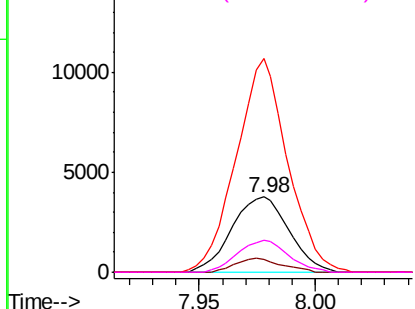
#45
1,1,2-Trichloroethane
Concen: 1.511 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.14 min
Lab File: VV019599.D
Acq: 14 Dec 2020 13:04

Instrument :
MSVOA_V
ClientSampleId :
BG4M1

Tot Ion: 97 Resp: 6438
Ion Ratio Lower Upper
97 100
99 16.6 44.1 81.9#
83 284.1 60.0 111.4#
85 42.1 38.6 71.8



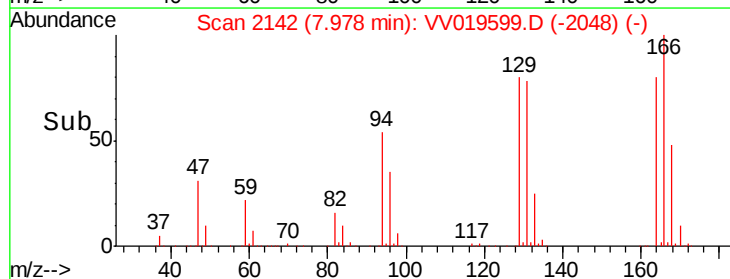
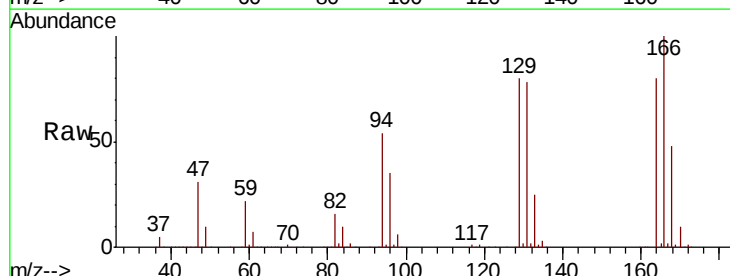
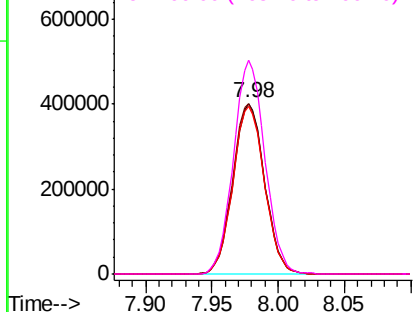
Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

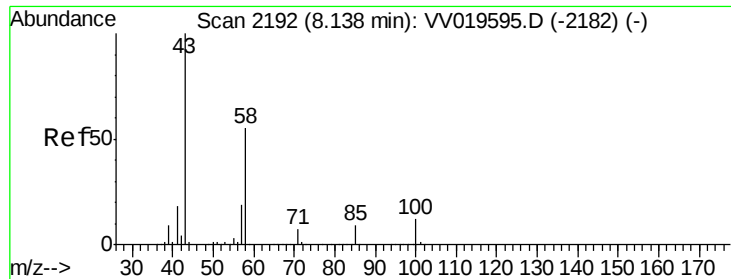


#46
Tetrachloroethene
Concen: 211.048 ug/L
RT: 7.98 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VV019599.D
Acq: 14 Dec 2020 13:04

Tgt Ion: 164 Resp: 662885
Ion Ratio Lower Upper
164 100
129 100.1 70.6 131.0
131 98.2 68.0 126.4
166 125.1 86.9 161.5

Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 5.186 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019599.D

Acq: 14 Dec 2020 13:04

Instrument :

MSVOA_V

ClientSampleId :

BG4M1

Tot Ion: 43 Resp: 25477

Ion Ratio Lower Upper

43 100

58 24.0 44.4 66.6#

57 22.5 15.7 23.5

100 0.0 9.9 14.9#

