

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050615.D
 Acq On : 03 Sep 2022 16:23
 Operator : SY/MD
 Sample : N4481-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF2

Quant Time: Sep 05 01:08:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

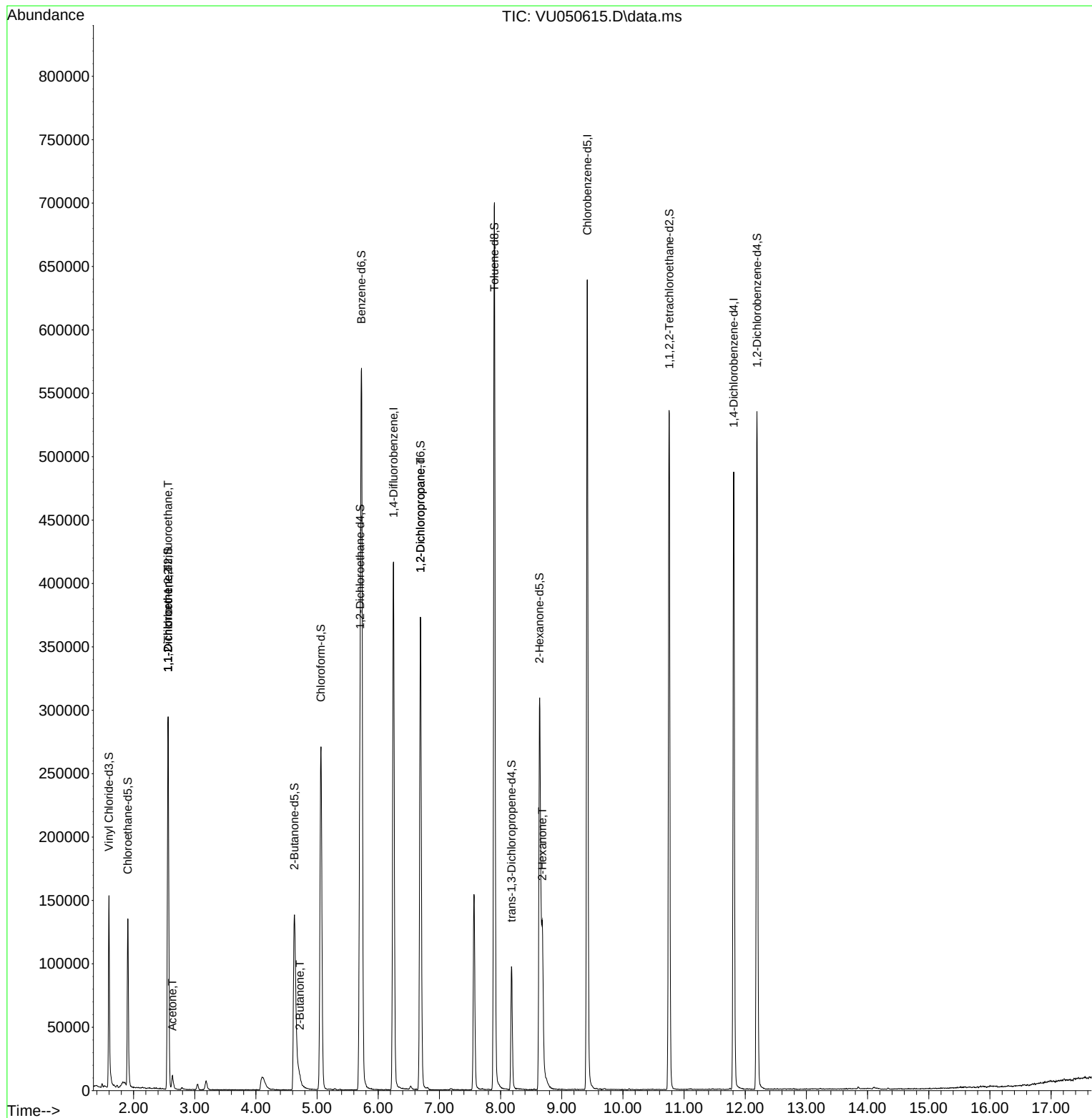
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344659	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	132718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120625	40.919	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	81.840%	
7) Chloroethane-d5	1.906	69	100921	50.625	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.260%	
11) 1,1-Dichloroethene-d2	2.565	63	174674	33.531	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.060%	
21) 2-Butanone-d5	4.629	46	216131	100.210	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.210%	
24) Chloroform-d	5.063	84	260711	46.663	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.320%	
26) 1,2-Dichloroethane-d4	5.703	65	166076	48.643	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.280%	
32) Benzene-d6	5.726	84	539446	44.669	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.340%	
36) 1,2-Dichloropropane-d6	6.690	67	193452	48.790	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.580%	
41) Toluene-d8	7.899	98	473777	45.876	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.760%	
43) trans-1,3-Dichloroprop...	8.179	79	56796	34.620	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.240%	
47) 2-Hexanone-d5	8.636	63	96574	96.832	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.830%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	283400	47.232	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.460%	
66) 1,2-Dichlorobenzene-d4	12.192	152	144522	46.517	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.040%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1694	0.629	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1412	0.540	ug/L #	1
13) Acetone	2.636	43	12813	7.875	ug/L	98
22) 2-Butanone	4.719	43	9487	3.728	ug/L	81
37) 1,2-Dichloropropane	6.690	63	19516	5.555	ug/L #	89
48) 2-Hexanone	8.684	43	65007	14.551	ug/L #	89

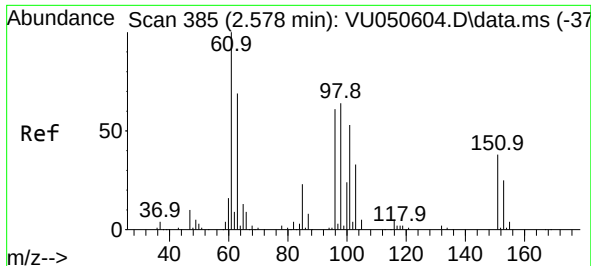
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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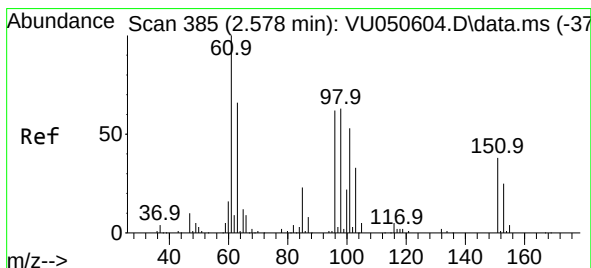
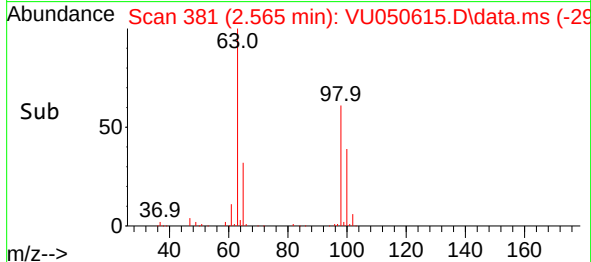
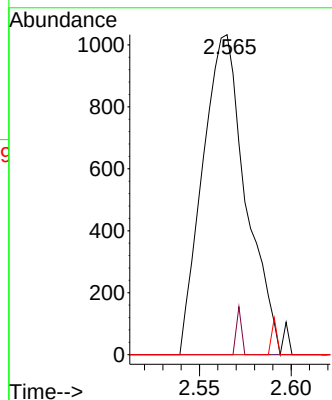
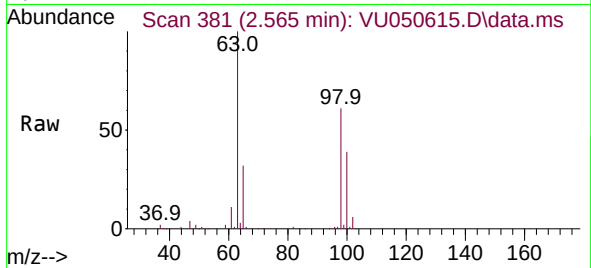




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.629 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050615.D
 Acq: 03 Sep 2022 16:23

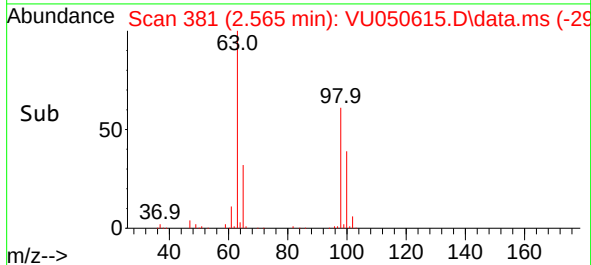
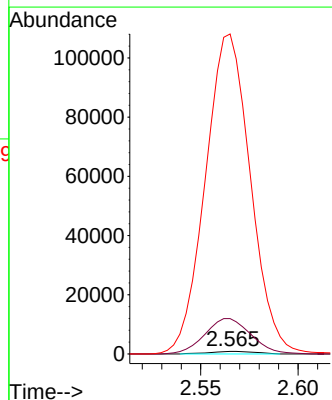
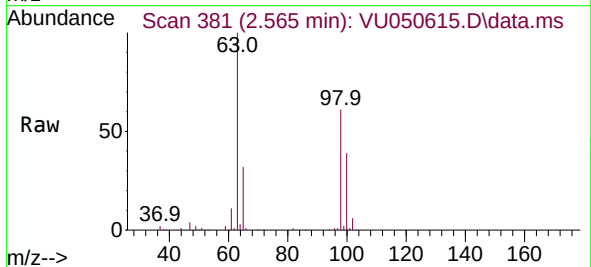
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF2

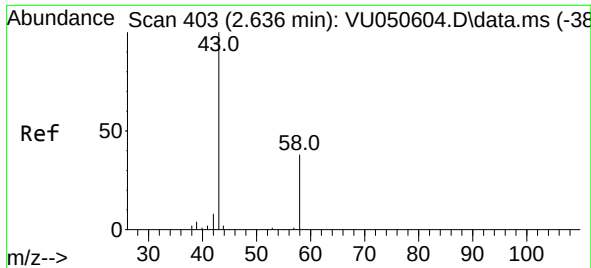
Tgt Ion:101 Resp: 1694
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.540 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050615.D
 Acq: 03 Sep 2022 16:23

Tgt Ion: 96 Resp: 1412
 Ion Ratio Lower Upper
 96 100
 61 1354.8 118.0 219.1#
 63 12283.6 79.5 147.7#





#13

Acetone

Concen: 7.875 ug/L

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU050615.D

Acq: 03 Sep 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

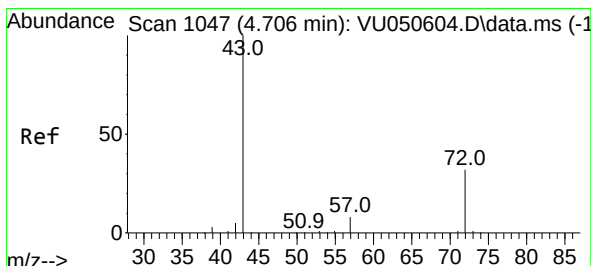
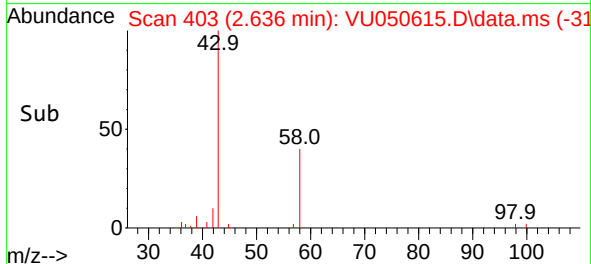
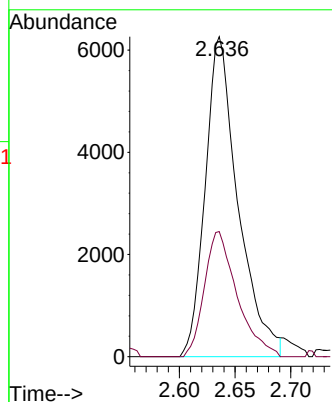
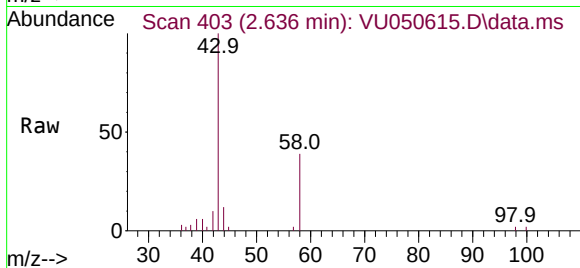
DBVF2

Tgt Ion: 43 Resp: 12813

Ion Ratio Lower Upper

43 100

58 39.0 0.0 76.2



#22

2-Butanone

Concen: 3.728 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU050615.D

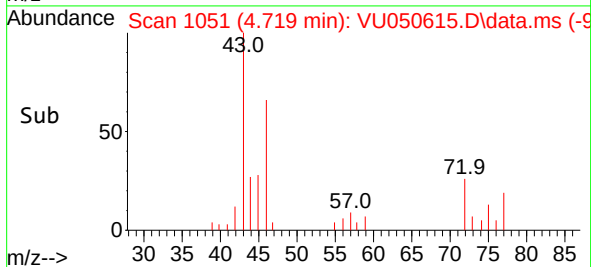
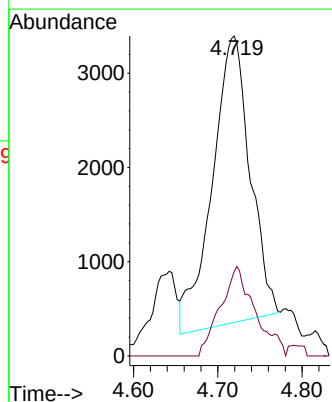
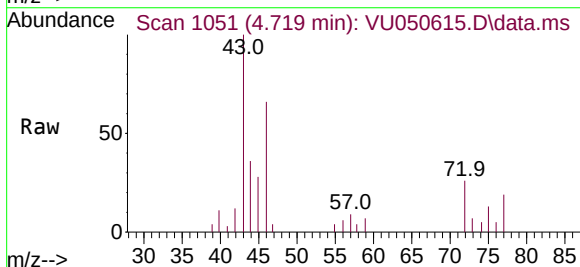
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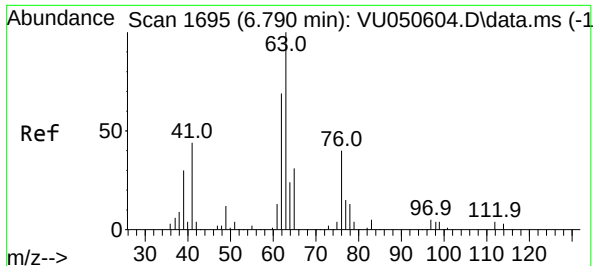
Tgt Ion: 43 Resp: 9487

Ion Ratio Lower Upper

43 100

72 19.0 14.6 44.0





#37

1,2-Dichloropropane

Concen: 5.555 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050615.D

Acq: 03 Sep 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

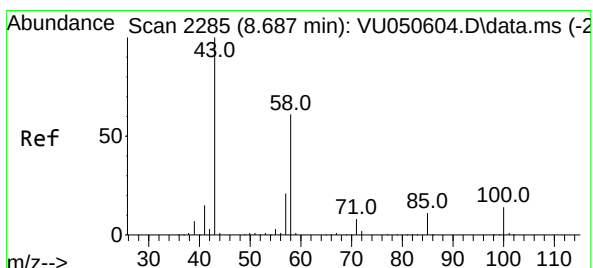
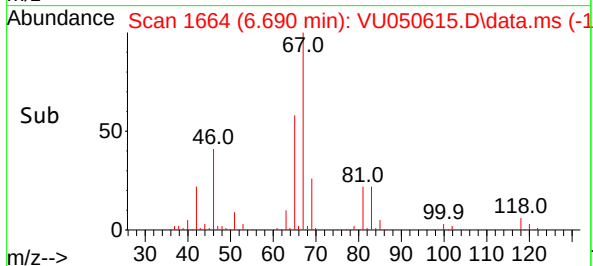
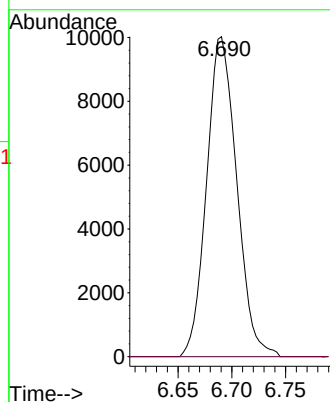
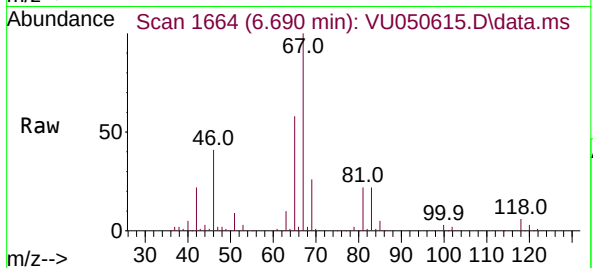
DBVF2

Tgt Ion: 63 Resp: 19516

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#48

2-Hexanone

Concen: 14.551 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU050615.D

Acq: 03 Sep 2022 16:23

Tgt Ion: 43 Resp: 65007

Ion Ratio Lower Upper

43 100

58 54.5 51.8 77.6

57 18.2 17.0 25.4

100 7.7 9.8 14.8#

