

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU046005.D
 Acq On : 24 Nov 2021 19:26
 Operator : SY/MD
 Sample : M4722-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G58

Quant Time: Nov 26 00:23:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

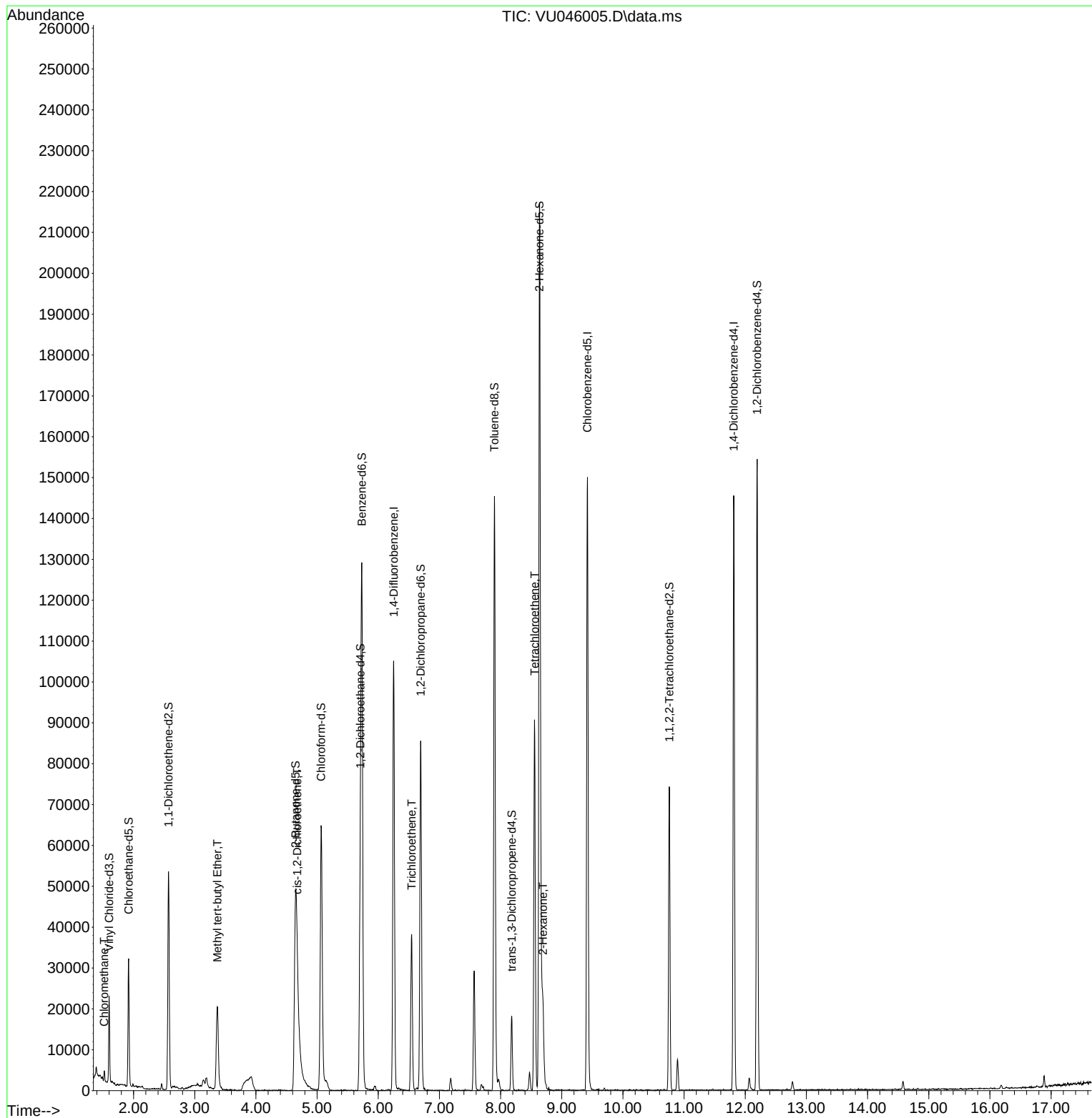
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	14666	2.121	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.400%
7) Chloroethane-d5	1.919	69	23245	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.571	65	10083	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.649	46	120975	65.284	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.560%#
24) Chloroform-d	5.067	84	60286	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.706	65	36254	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.732	84	122760	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.693	67	40844	5.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.899	98	100470	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	10509	3.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.636	63	81757	59.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36569	5.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39848	6.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.200%#
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1912	0.254	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	24163	1.718	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	1554	0.247	ug/L	85
34) Trichloroethene	6.546	95	12569	2.009	ug/L	97
47) Tetrachloroethene	8.555	164	19713	4.502	ug/L	98
48) 2-Hexanone	8.693	43	12811	4.233	ug/L #	98

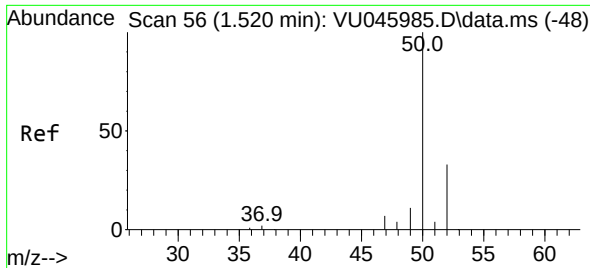
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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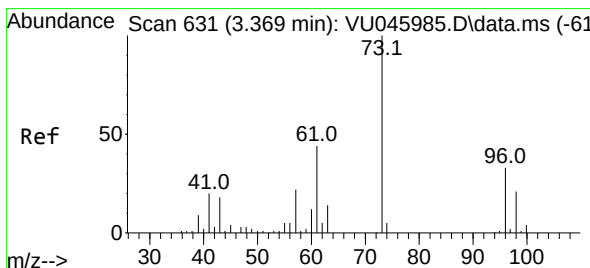
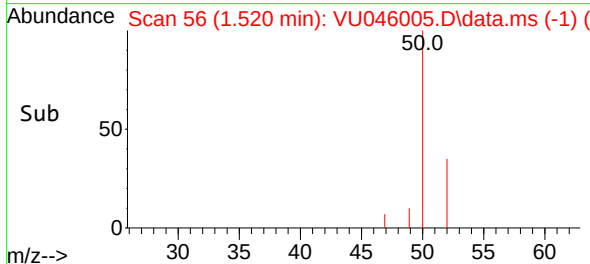
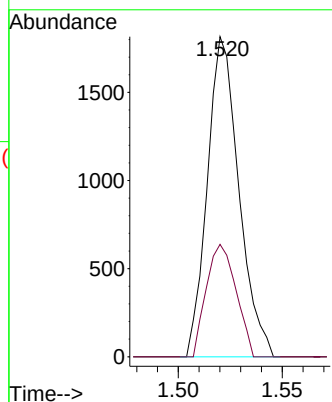
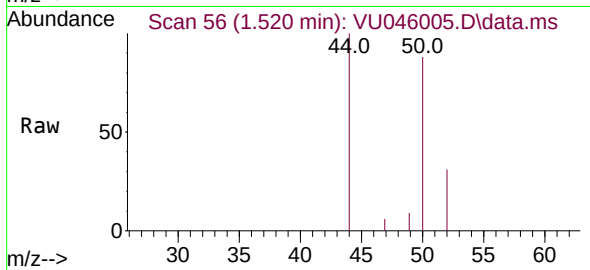




#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

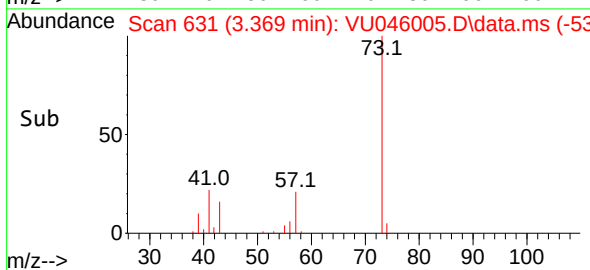
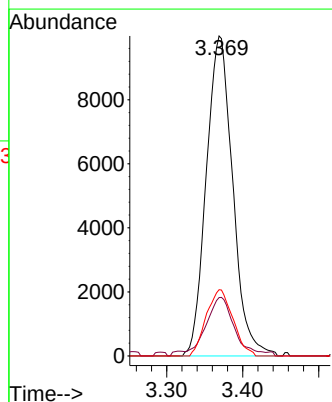
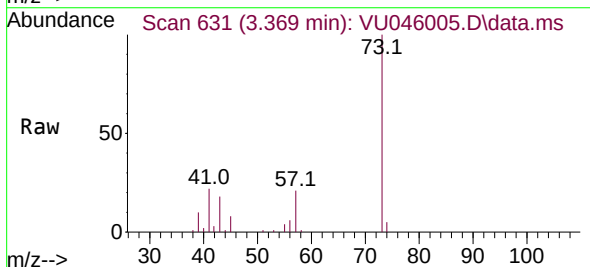
Instrument :
MSVOA_U
ClientSampleId :
C0G58

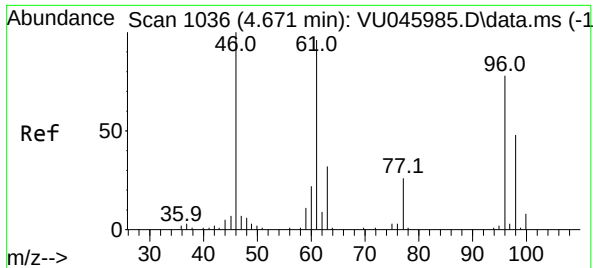
Tgt Ion: 50 Resp: 1912
Ion Ratio Lower Upper
50 100
52 35.1 23.0 42.8



#17
Methyl tert-butyl Ether
Concen: 1.718 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

Tgt Ion: 73 Resp: 24163
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 20.8 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Instrument :

MSVOA_U

ClientSampleId :

C0G58

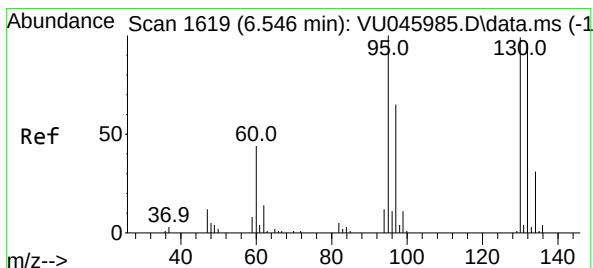
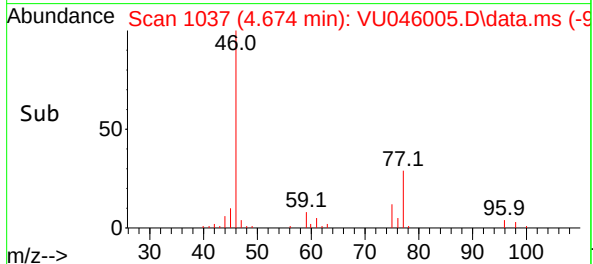
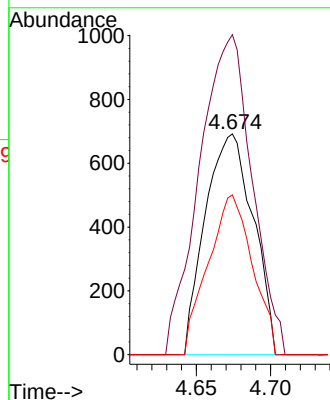
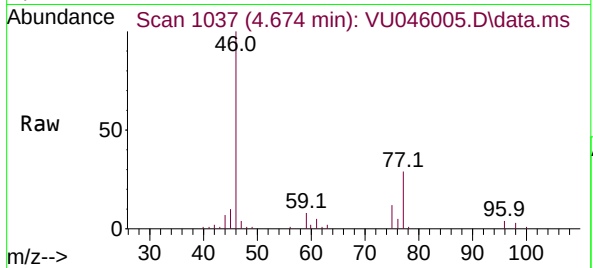
Tgt Ion: 96 Resp: 1554

Ion Ratio Lower Upper

96 100

61 144.9 88.5 164.3

98 72.4 44.4 82.5



#34

Trichloroethene

Concen: 2.009 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Tgt Ion: 95 Resp: 12569

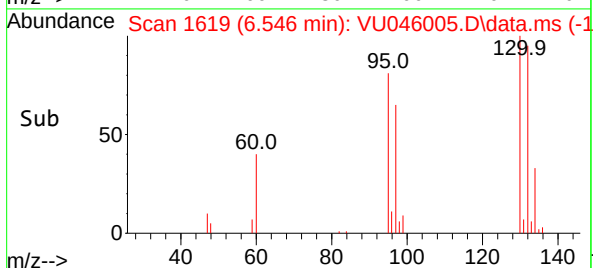
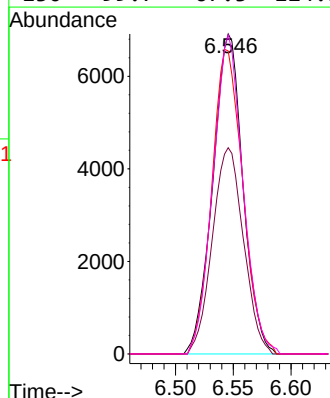
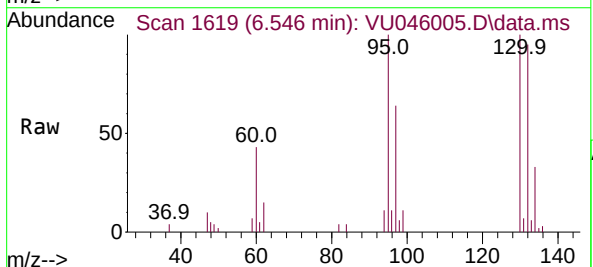
Ion Ratio Lower Upper

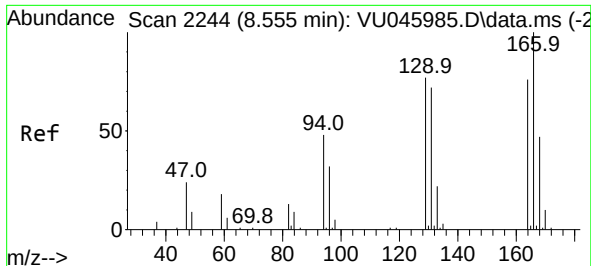
95 100

97 64.5 46.5 86.5

132 94.7 65.1 120.9

130 99.7 67.3 124.9





#47

Tetrachloroethene

Concen: 4.502 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Instrument :

MSVOA_U

ClientSampleId :

C0G58

Tgt Ion:164 Resp: 19713

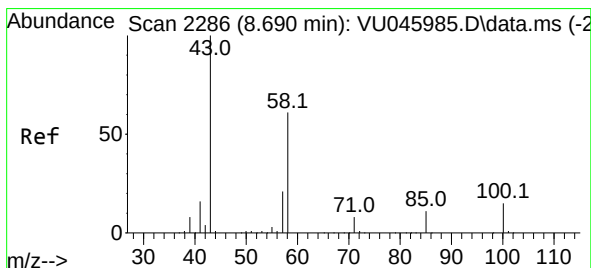
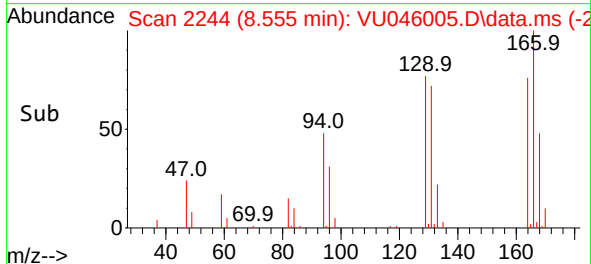
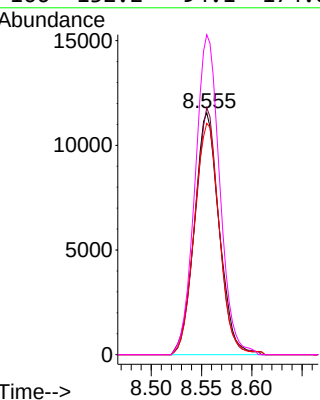
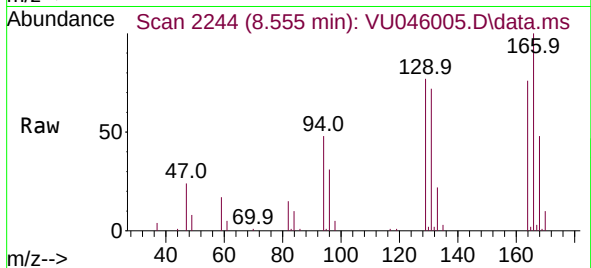
Ion Ratio Lower Upper

164 100

129 102.1 71.8 133.4

131 95.6 68.5 127.3

166 132.2 94.1 174.8



#48

2-Hexanone

Concen: 4.233 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Tgt Ion: 43 Resp: 12811

Ion Ratio Lower Upper

43 100

58 57.9 46.7 70.1

57 19.7 16.3 24.5

100 10.4 10.5 15.7#

