

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048488.D
 Acq On : 10 May 2022 14:04
 Operator : SY/MD
 Sample : N2736-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:22:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

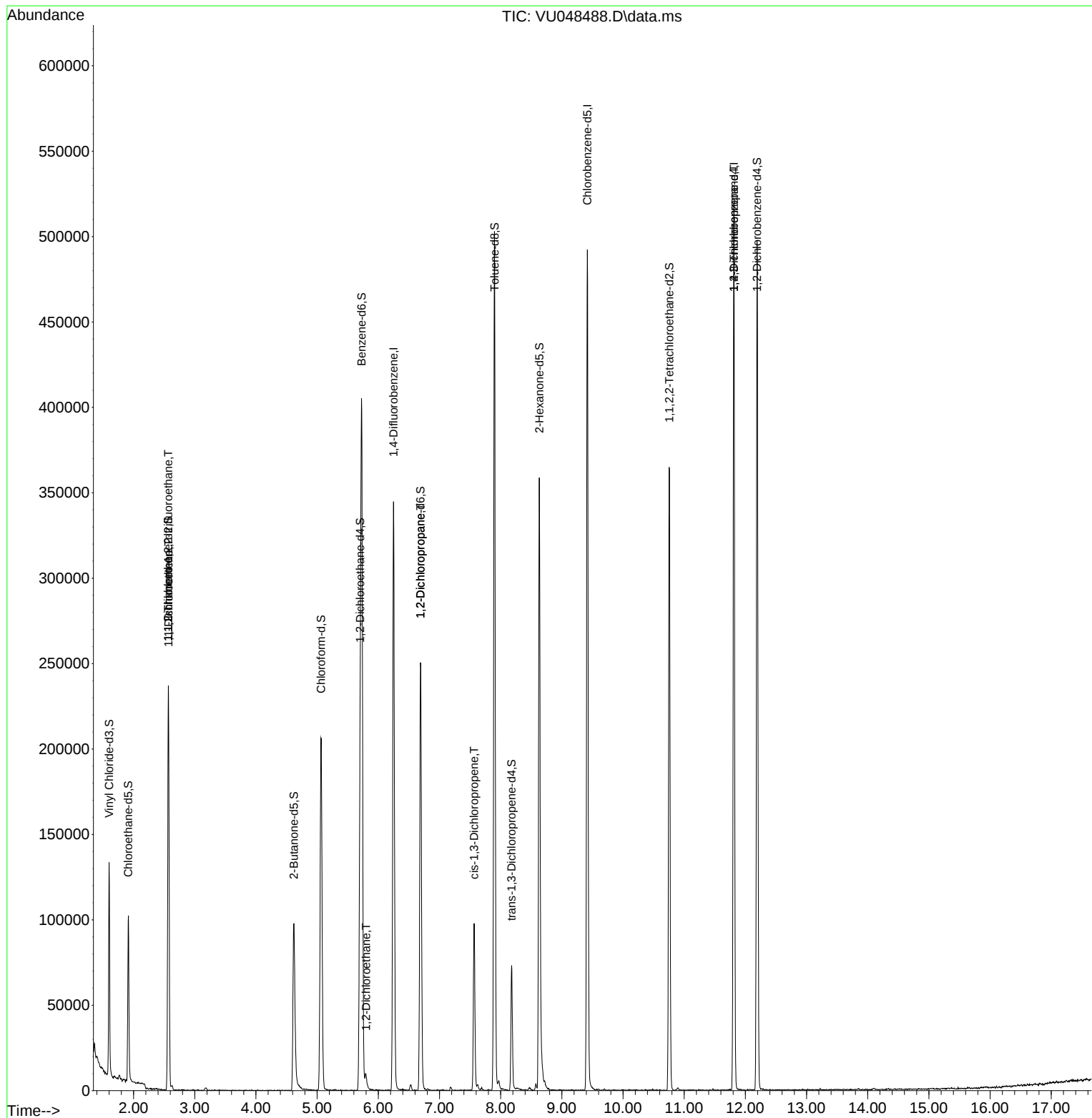
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	273208	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	272274	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	136024	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87021	36.984	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.960%	
7) Chloroethane-d5	1.913	69	68257	44.450	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.900%	
11) 1,1-Dichloroethene-d2	2.568	63	139232	33.249	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.500%	
21) 2-Butanone-d5	4.620	46	139952	69.842	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	69.840%	
24) Chloroform-d	5.064	84	197037	48.212	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.420%	
26) 1,2-Dichloroethane-d4	5.703	65	140335	52.825	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.640%	
32) Benzene-d6	5.729	84	371301	44.876	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.760%	
36) 1,2-Dichloropropane-d6	6.690	67	113294	41.991	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	83.980%	
41) Toluene-d8	7.899	98	328896	44.946	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.900%	
43) trans-1,3-Dichloroprop...	8.179	79	41923	33.759	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.520%	
47) 2-Hexanone-d5	8.632	63	124231	95.131	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.130%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	173361	42.182	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.360%	
66) 1,2-Dichlorobenzene-d4	12.192	152	132398	49.155	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.300%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1104	0.545	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	1038	0.542	ug/L #	1
27) 1,2-Dichloroethane	5.800	62	7162	2.095	ug/L #	95
37) 1,2-Dichloropropane	6.690	63	13217	5.051	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2559	0.688	ug/L #	54
60) 1,2,3-Trichloropropane	11.812	75	14500	4.084	ug/L #	66

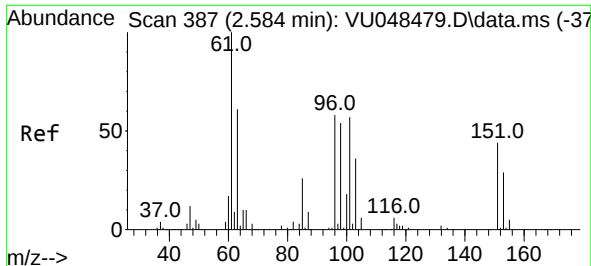
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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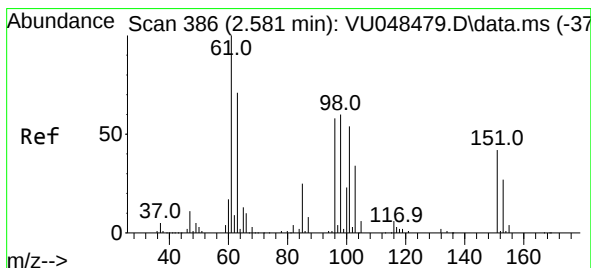
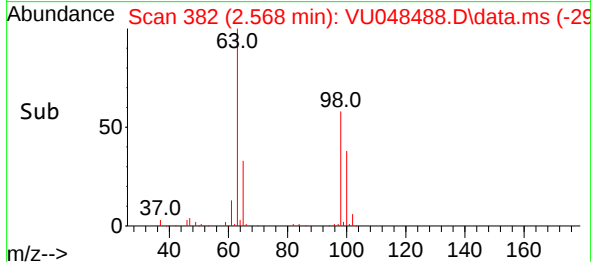
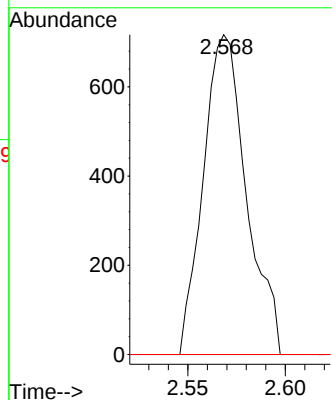
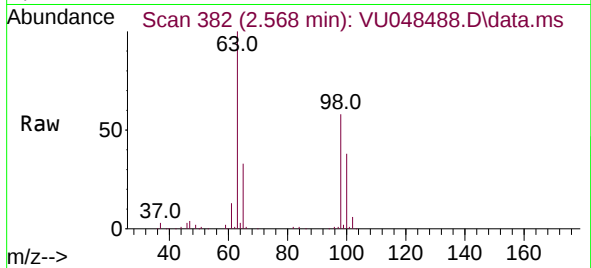




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.545 ug/L
 RT: 2.568 min Scan# 311
 Delta R.T. -0.016 min
 Lab File: VU048488.D
 Acq: 10 May 2022 14:04

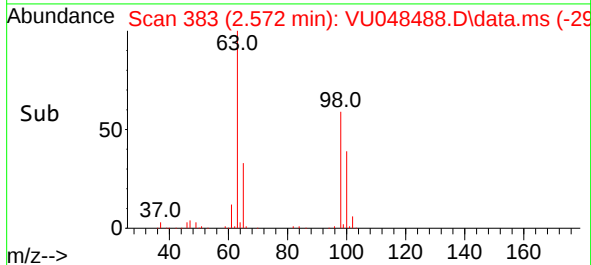
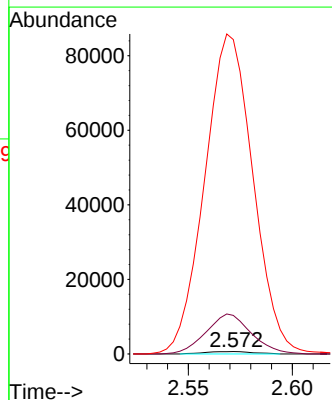
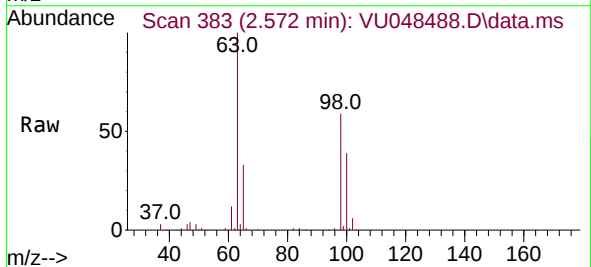
Instrument :
 MSVOA_U
 ClientSampleId :

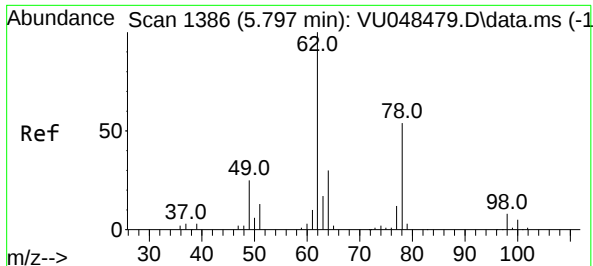
Tgt Ion:101 Resp: 1104
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.542 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048488.D
 Acq: 10 May 2022 14:04

Tgt Ion: 96 Resp: 1038
 Ion Ratio Lower Upper
 96 100
 61 1589.6 124.5 231.3#
 63 12936.2 92.5 171.9#





#27

1,2-Dichloroethane

Concen: 2.095 ug/L

RT: 5.800 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048488.D

Acq: 10 May 2022 14:04

Instrument :

MSVOA_U

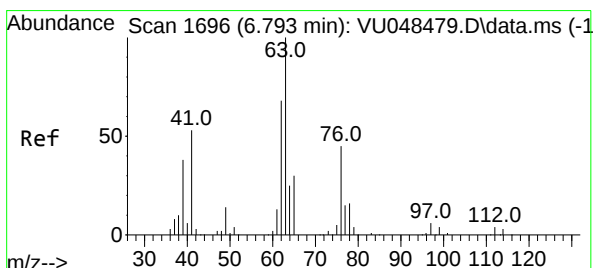
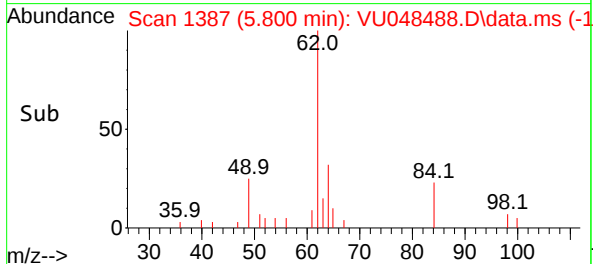
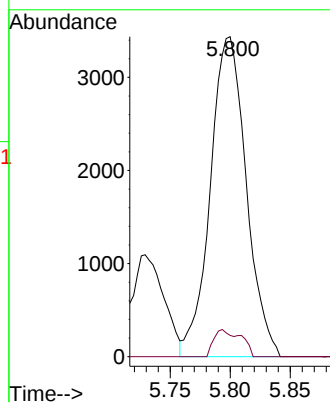
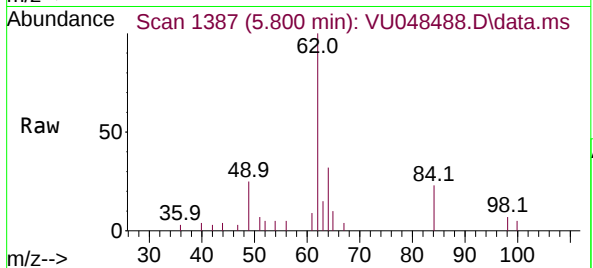
ClientSampleId :

Tgt Ion: 62 Resp: 7162

Ion Ratio Lower Upper

62 100

98 6.7 6.8 10.2#



#37

1,2-Dichloropropane

Concen: 5.051 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048488.D

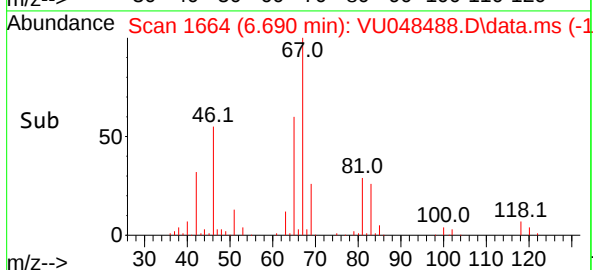
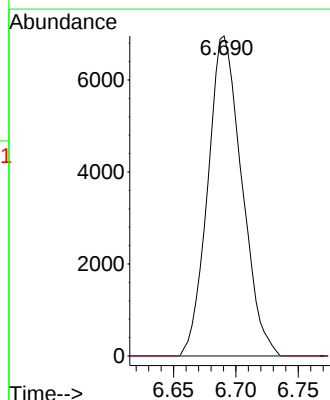
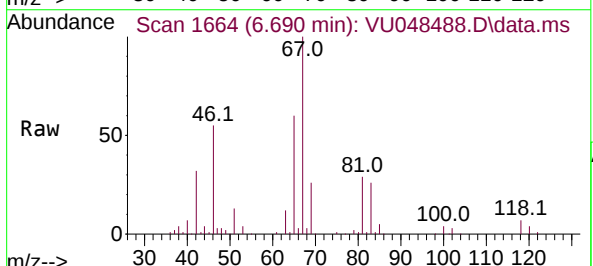
Acq: 10 May 2022 14:04

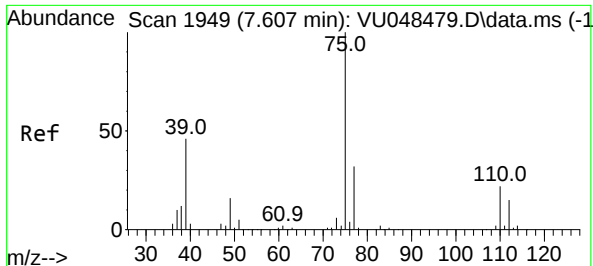
Tgt Ion: 63 Resp: 13217

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048488.D

Acq: 10 May 2022 14:04

Instrument :

MSVOA_U

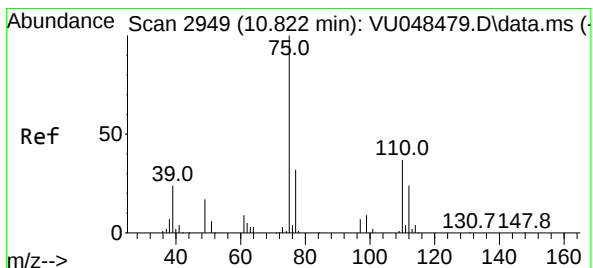
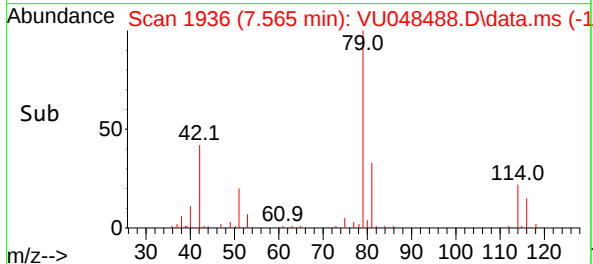
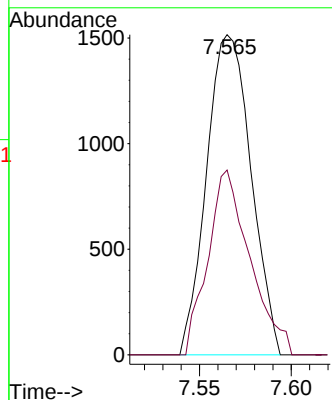
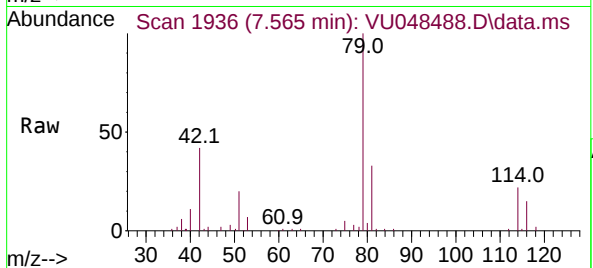
ClientSampleId :

Tgt Ion: 75 Resp: 2559

Ion Ratio Lower Upper

75 100

77 57.7 22.5 41.9#



#60

1,2,3-Trichloropropane

Concen: 4.084 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU048488.D

Acq: 10 May 2022 14:04

Tgt Ion: 75 Resp: 14500

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3

110 3.2 28.9 43.3#

