

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056747.D
 Acq On : 11 Dec 2023 21:20
 Operator : MD/SY
 Sample : 05664-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

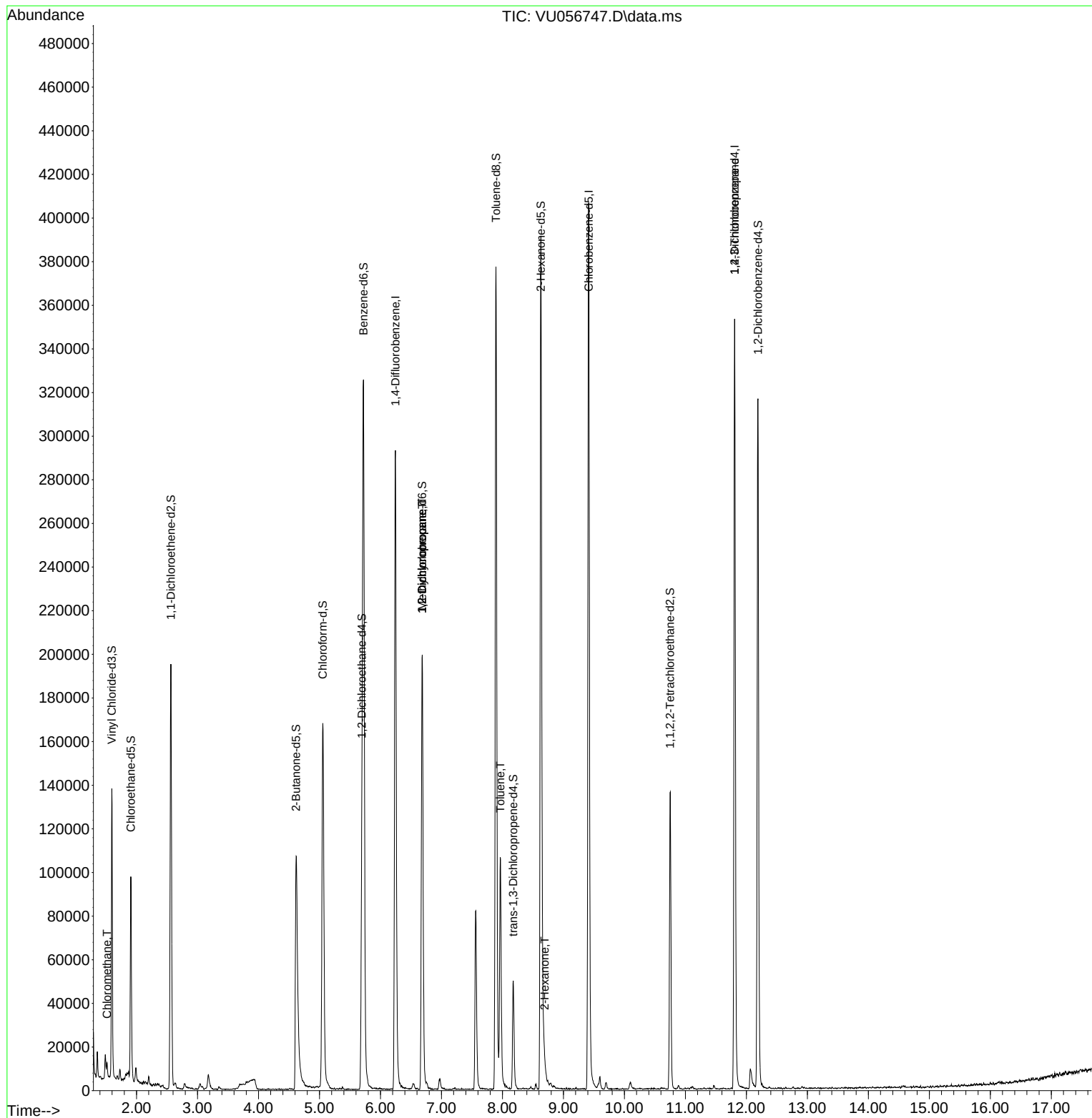
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	240218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88983	4.342	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.907	69	69763	4.549	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.563	65	39310	4.483	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.618	46	172362	42.590	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.180%	
24) Chloroform-d	5.055	84	162309	4.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.695	65	81092	4.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
32) Benzene-d6	5.721	84	315736	4.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.682	67	99965	4.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.894	98	263089	3.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.177	79	31106	3.439	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.800%	
46) 2-Hexanone-d5	8.630	63	131852	38.655	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.300%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69981	4.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85430	4.667	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4535	0.184	ug/L	93
35) Methylcyclohexane	6.685	83	23805	0.697	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10712	0.496	ug/L #	89
42) Toluene	7.965	91	79328	0.908	ug/L	98
48) 2-Hexanone	8.692	43	5405	0.740	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	11245	1.125	ug/L #	66

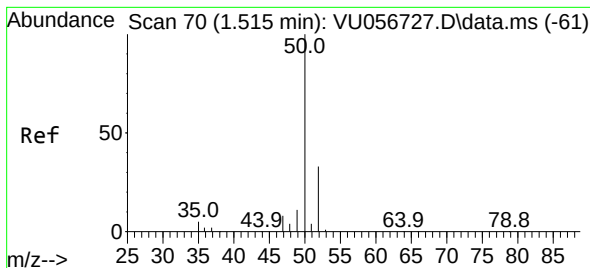
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.184 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056747.D

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Instrument :

MSVOA_U

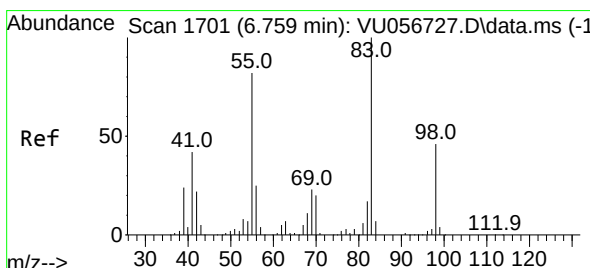
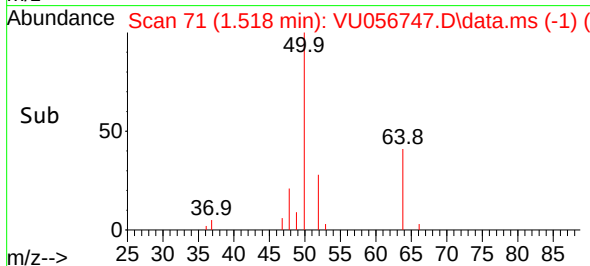
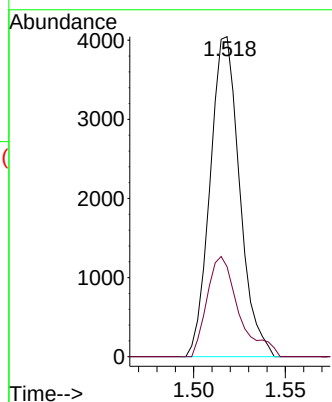
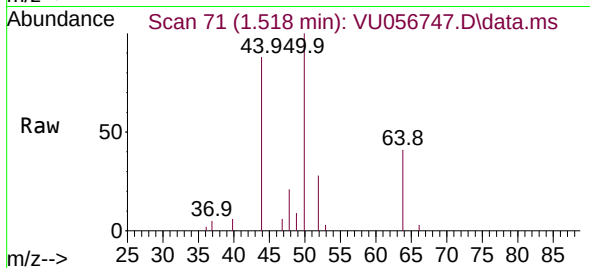
ClientSampleId :

Tgt Ion: 50 Resp: 4535

Ion Ratio Lower Upper

50 100

52 28.1 22.5 41.7



#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056747.D

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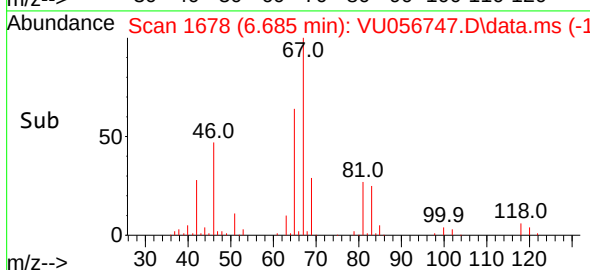
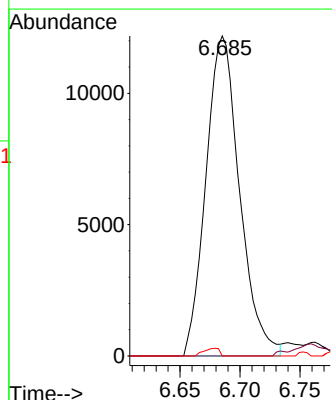
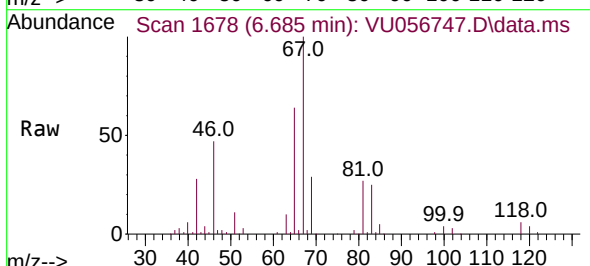
Tgt Ion: 83 Resp: 23805

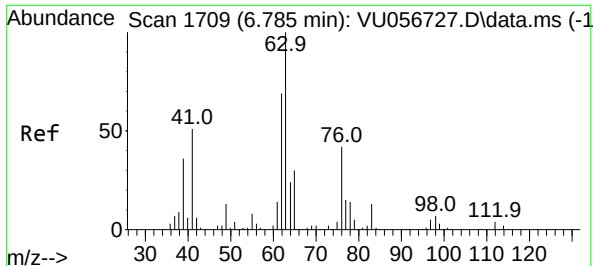
Ion Ratio Lower Upper

83 100

55 0.5 64.6 97.0#

98 1.1 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056747.D

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Instrument :

MSVOA_U

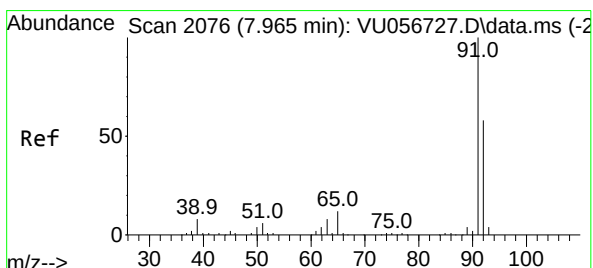
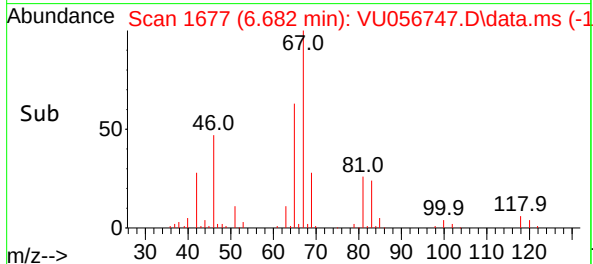
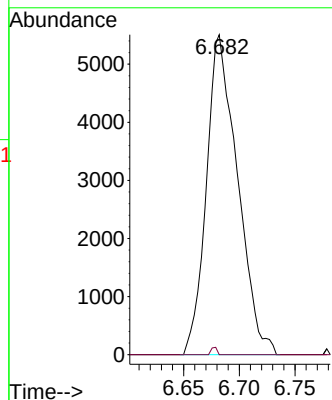
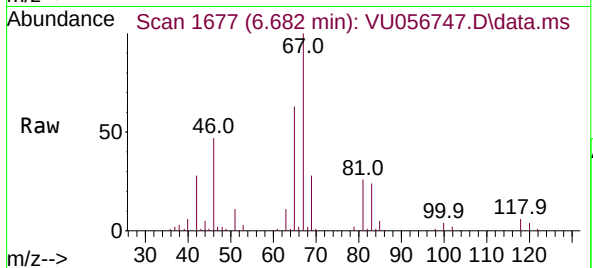
ClientSampleId :

Tgt Ion: 63 Resp: 10712

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#



#42

Toluene

Concen: 0.908 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056747.D

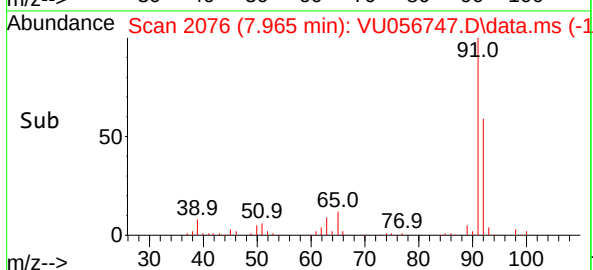
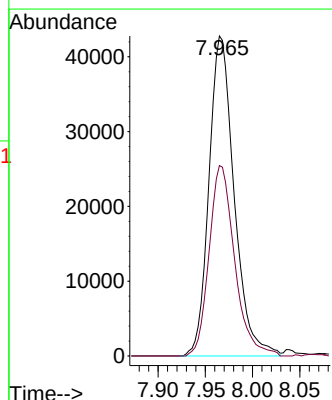
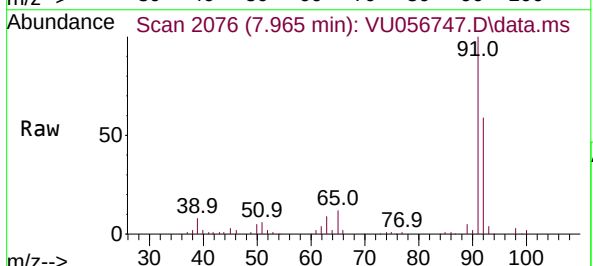
Acq: 11 Dec 2023 21:20

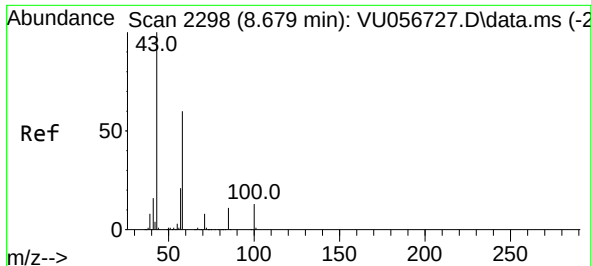
Tgt Ion: 91 Resp: 79328

Ion Ratio Lower Upper

91 100

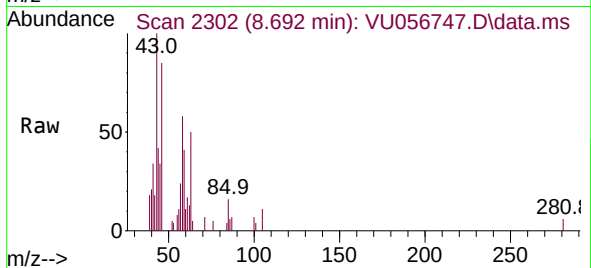
92 59.5 40.4 75.0



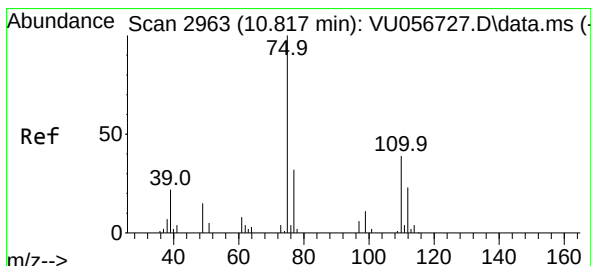
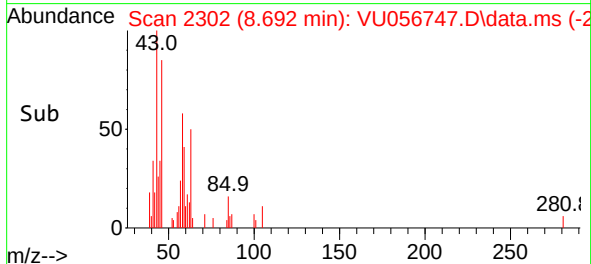
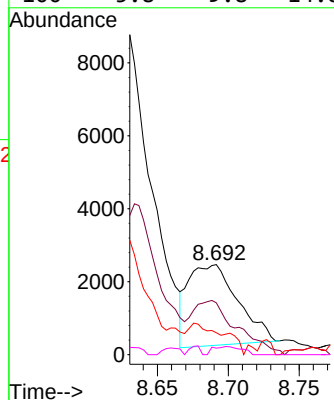


#48
2-Hexanone
Concen: 0.740 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056747.D
Acq: 11 Dec 2023 21:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 5405
Ion Ratio	Lower Upper
43 100	
58 60.4	47.5 71.3
57 6.0	17.0 25.4#
100 5.8	9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056747.D
Acq: 11 Dec 2023 21:20

Tgt Ion: 75	Resp: 11245
Ion Ratio	Lower Upper
75 100	
110 1.0	28.4 42.6#
77 36.7	26.3 39.5

