

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022207.D
 Acq On : 18 Sep 2021 00:18
 Operator : SY/MD
 Sample : M3787-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 04:45:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

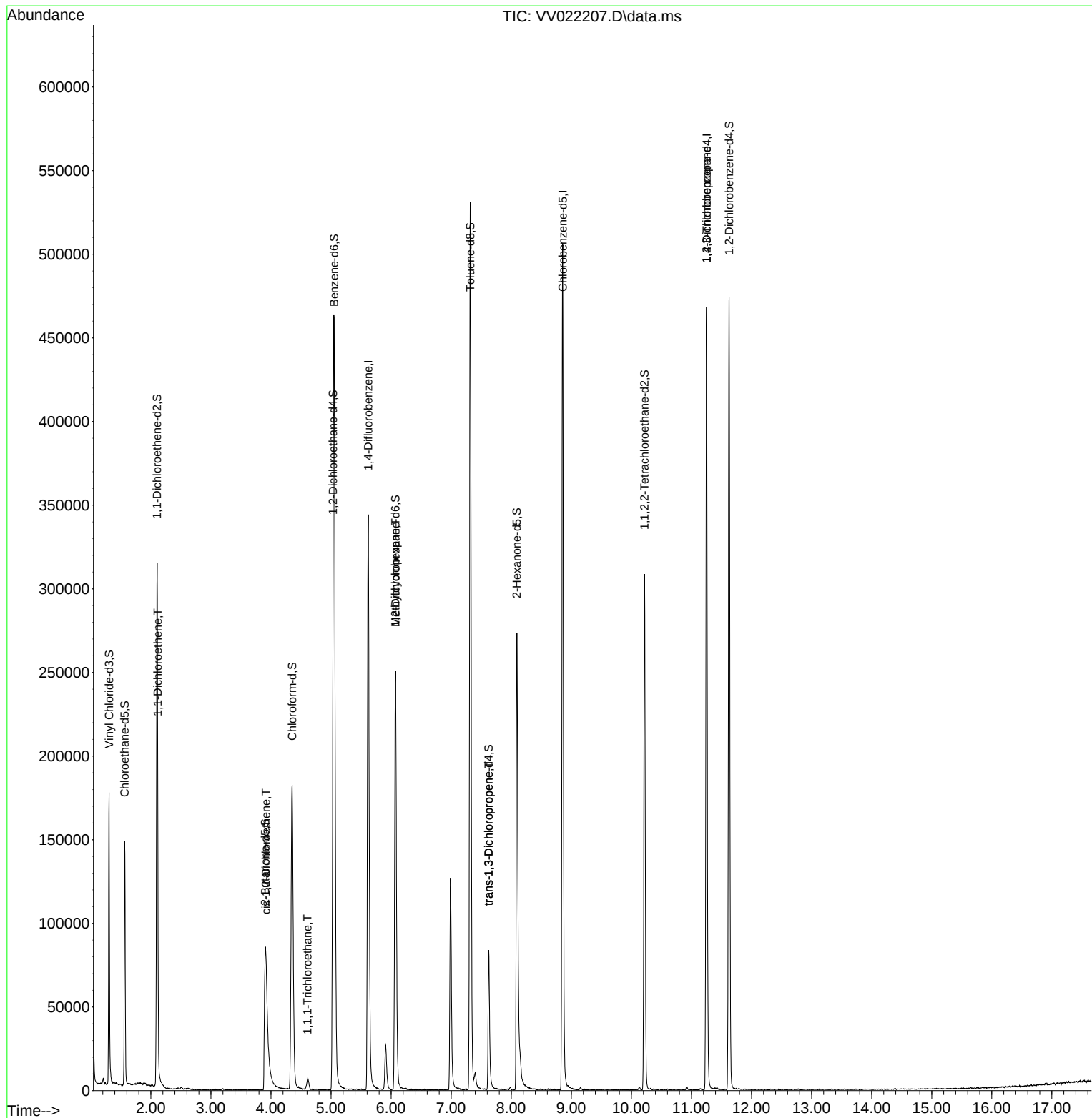
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	307246	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	289902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	127418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113925	53.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.080%	
7) Chloroethane-d5	1.564	69	89154	53.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.320%	
11) 1,1-Dichloroethene-d2	2.104	63	158667	45.090	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.180%	
21) 2-Butanone-d5	3.905	46	154489	105.871	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.870%	
24) Chloroform-d	4.352	84	194056	50.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.040%	
26) 1,2-Dichloroethane-d4	5.034	65	121886	53.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.680%	
32) Benzene-d6	5.053	84	404991	51.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.020%	
36) 1,2-Dichloropropane-d6	6.072	67	125573	50.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.560%	
41) Toluene-d8	7.316	98	356683	48.054	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 96.100%	
43) trans-1,3-Dichloroprop...	7.625	79	50023	42.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.000%	
47) 2-Hexanone-d5	8.091	63	96457	101.659	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 101.660%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	149606	47.239	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 94.480%	
66) 1,2-Dichlorobenzene-d4	11.628	152	128230	51.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.380%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	9428	5.320	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	10459	4.385	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	5291	1.536	ug/L	96
35) Methylcyclohexane	6.072	83	30088	8.615	ug/L #	21
44) trans-1,3-Dichloropropene	7.625	75	2040	0.649	ug/L #	75
61) 1,2,3-Trichloropropane	11.252	75	14076	6.374	ug/L #	64

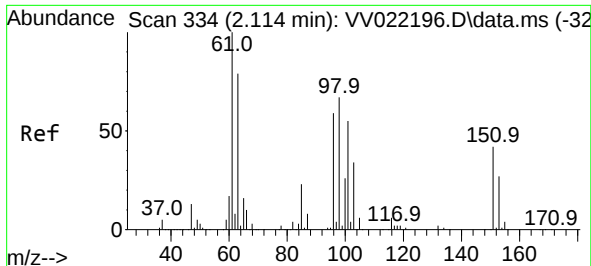
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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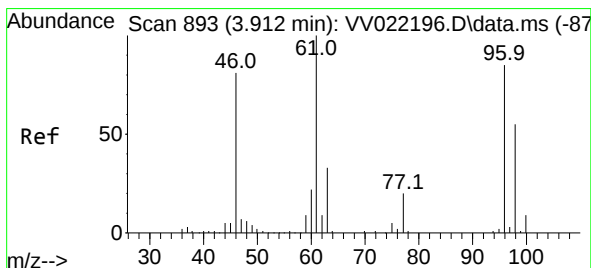
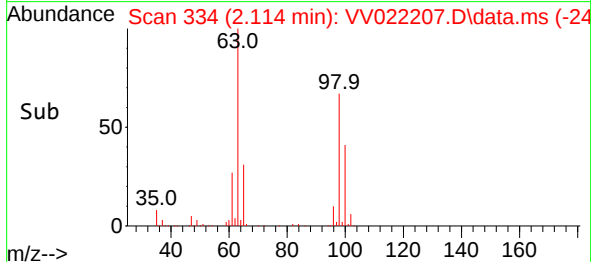
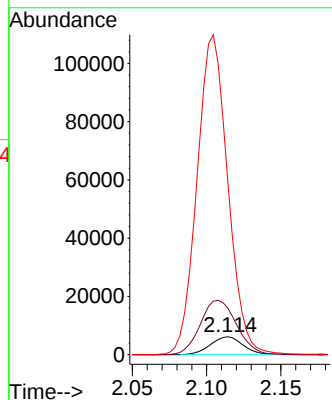
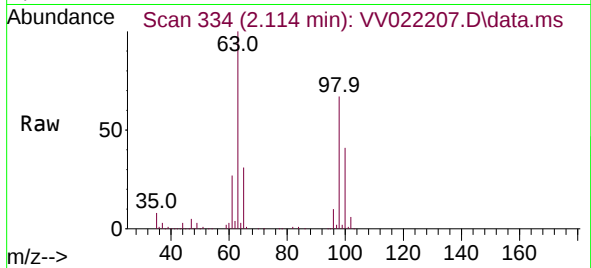




#12
1,1-Dichloroethene
Concen: 5.320 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

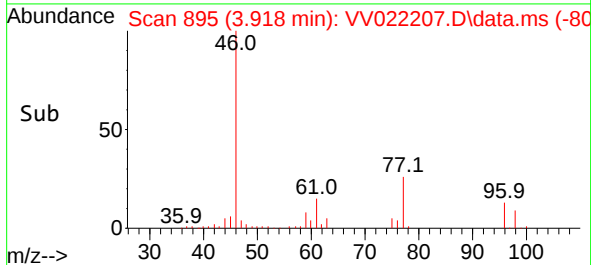
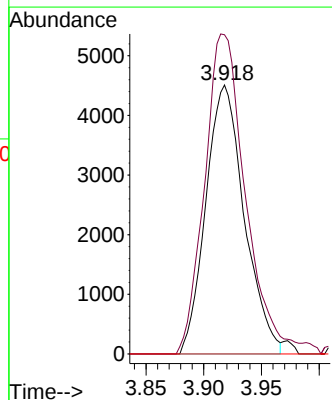
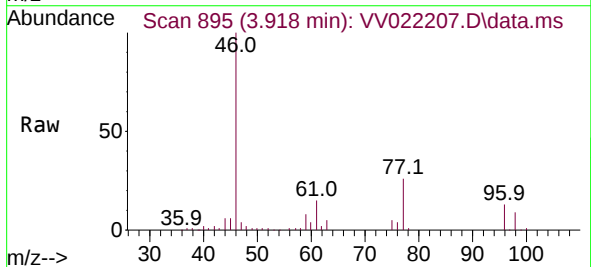
Instrument :
MSVOA_V
ClientSampled :

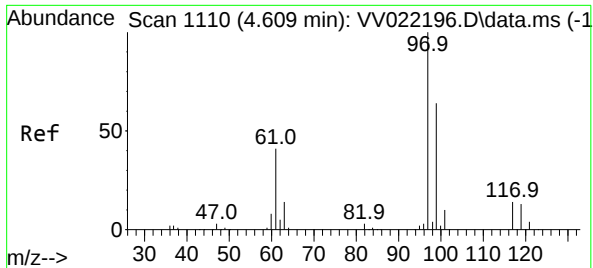
Tgt Ion: 96 Resp: 9428
Ion Ratio Lower Upper
96 100
61 260.0 113.2 210.2#
63 971.0 102.3 189.9#



#20
cis-1,2-Dichloroethene
Concen: 4.385 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

Tgt Ion: 96 Resp: 10459
Ion Ratio Lower Upper
96 100
61 118.7 81.8 152.0
68 0.0 0.0 0.0

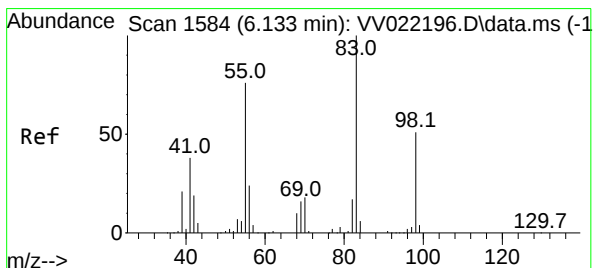
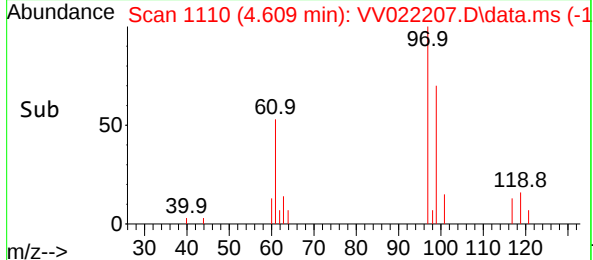
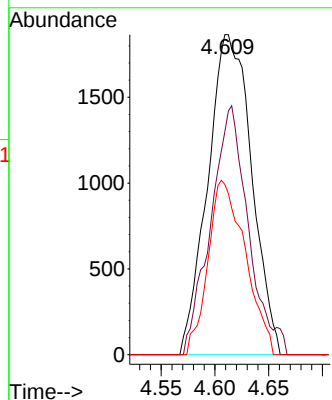
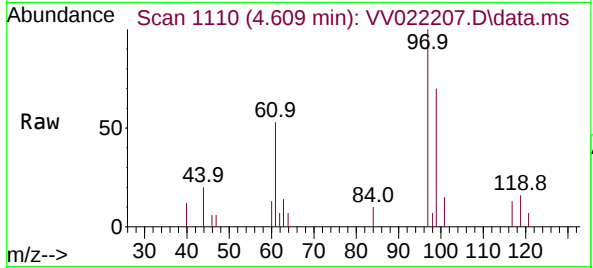




#30
1,1,1-Trichloroethane
Concen: 1.536 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

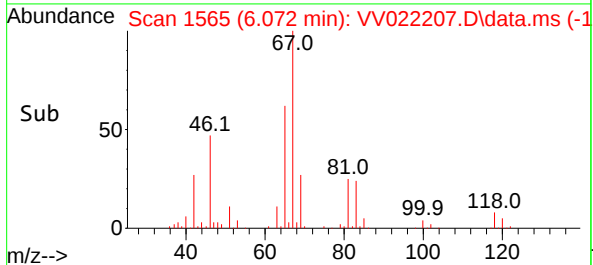
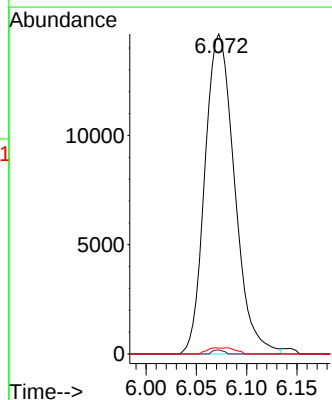
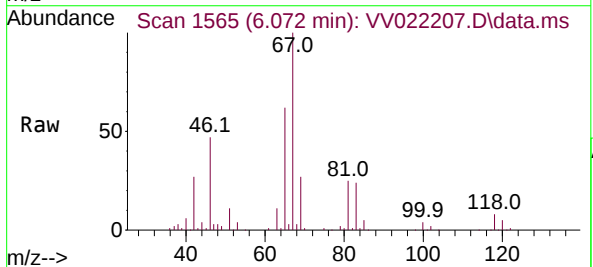
Instrument :
MSVOA_V
ClientSampleId :

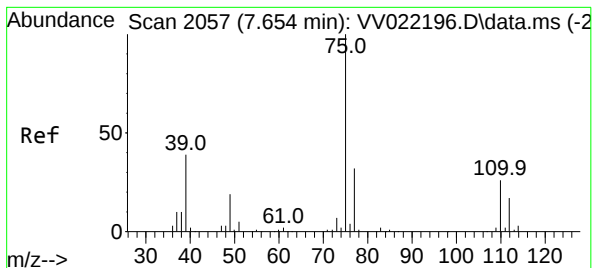
Tgt Ion:	97	Resp:	5291
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.0	78.0
61	46.3	31.8	47.8



#35
Methylcyclohexane
Concen: 8.615 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

Tgt Ion:	83	Resp:	30088
Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.8	85.2#
98	1.0	39.9	59.9#



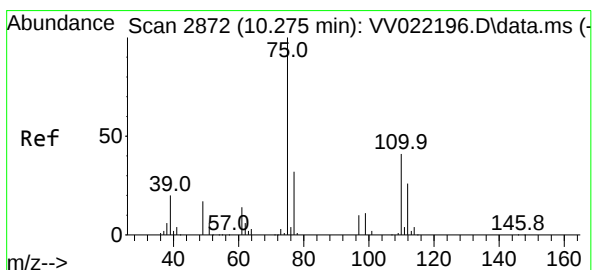
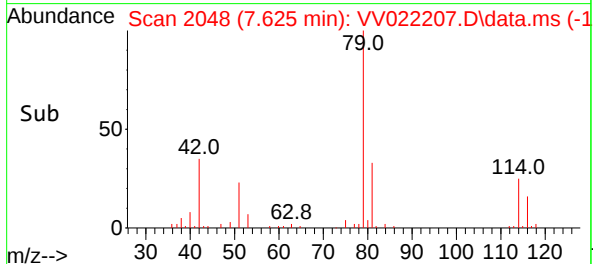
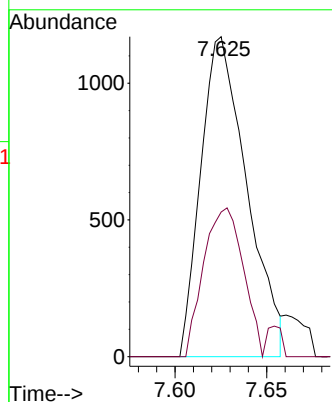
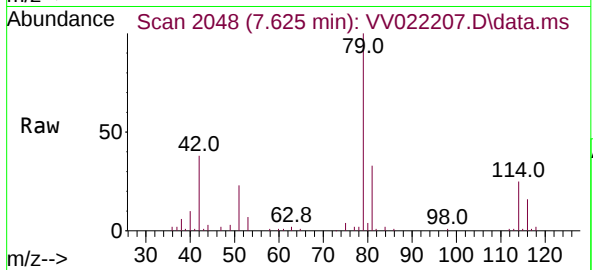


#44

trans-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.029 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 2040
Ion Ratio Lower Upper
75 100
77 45.2 21.8 40.6#



#61

1,2,3-Trichloropropane
Concen: 6.374 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022207.D
Acq: 18 Sep 2021 00:18

Tgt Ion: 75 Resp: 14076
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 2.8 33.8 50.6#

