

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056593.D
 Acq On : 22 Nov 2023 17:02
 Operator : MD/SY
 Sample : 05441-19DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:43:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

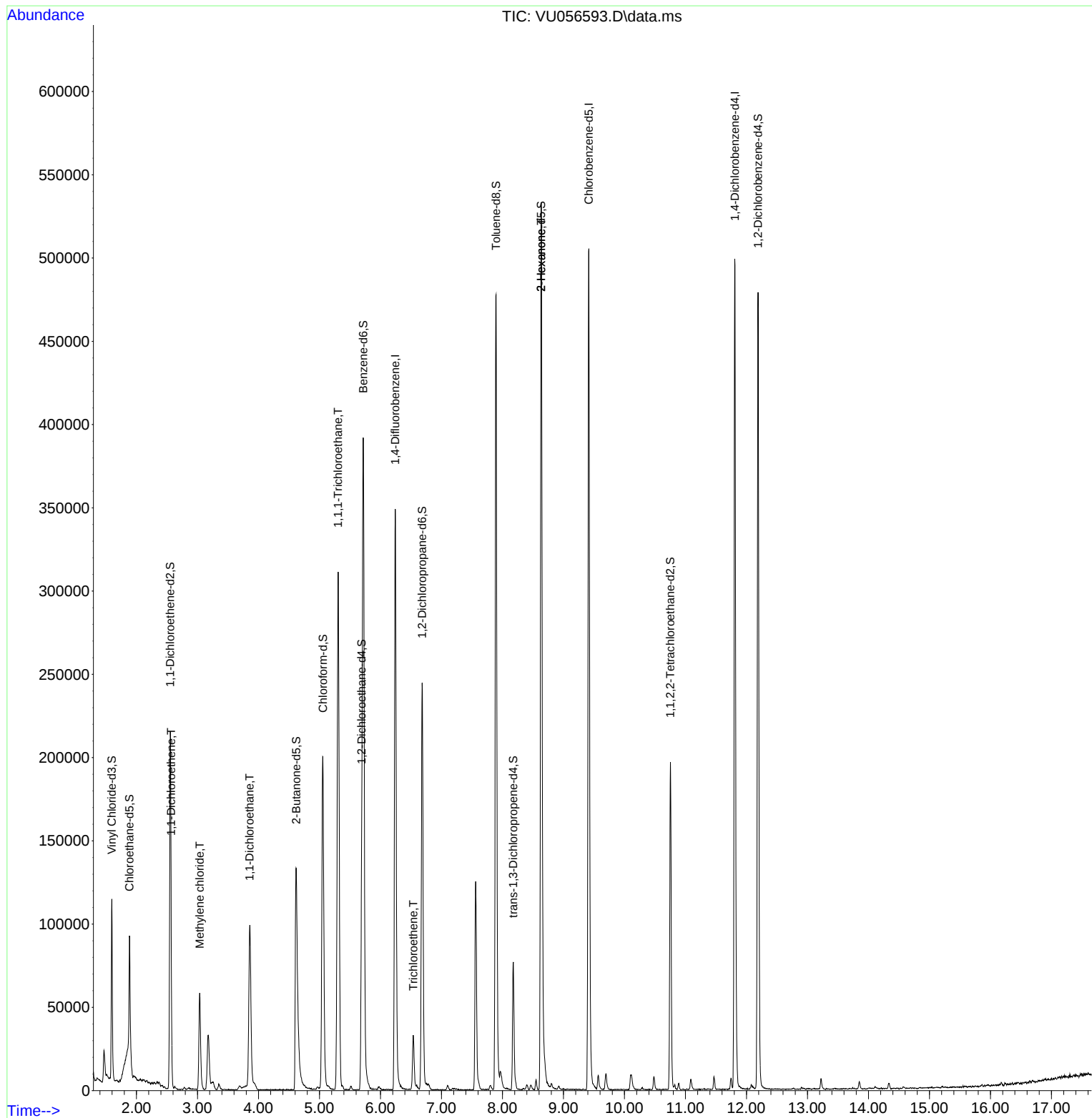
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	283533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	131378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80948	3.817	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.885	69	54772	3.368	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.554	65	38922	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.618	46	212737	50.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.620%
24) Chloroform-d	5.055	84	192568	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	96444	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.718	84	374805	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	116984	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	331642	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	43842	4.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.634	63	194207	49.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95828	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	125457	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	6976	0.402	ug/L #	1
16) Methylene chloride	3.036	84	29749	1.295	ug/L	98
19) 1,1-Dichloroethane	3.856	63	110106	3.113	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	228415	6.811	ug/L	99
34) Trichloroethene	6.538	95	10967	0.483	ug/L	97
48) 2-Hexanone	8.634	43	22667	2.700	ug/L #	73

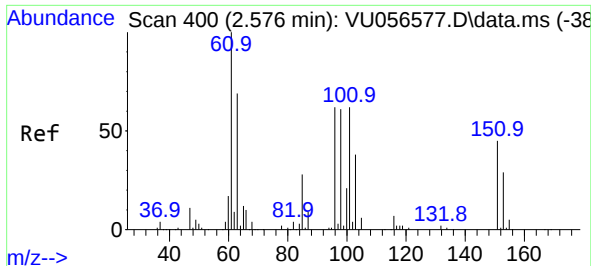
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.402 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.010 min

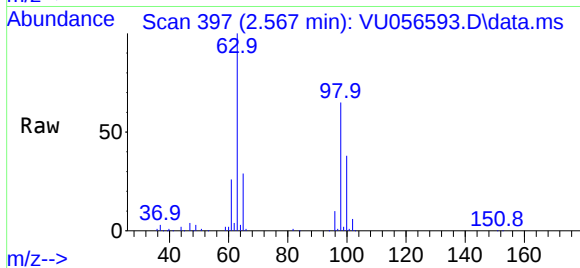
Lab File: VU056593.D

Acq: 22 Nov 2023 17:02

Instrument :

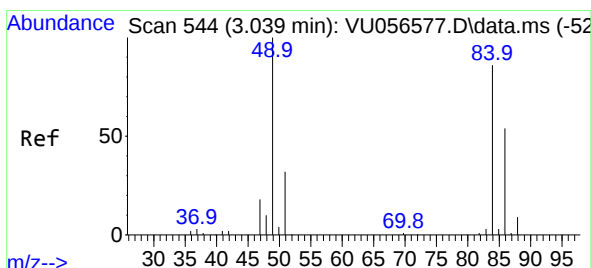
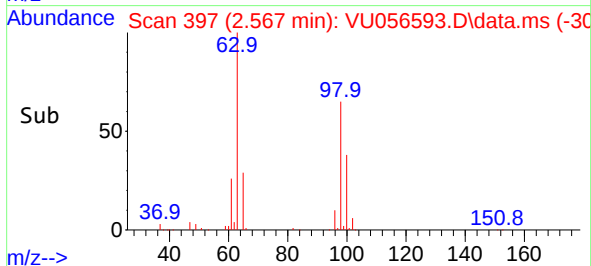
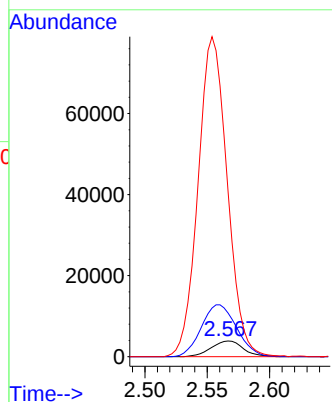
MSVOA_U

ClientSampleId :



Tgt Ion: 96 Resp: 6976

Ion	Ratio	Lower	Upper
96	100		
61	277.7	123.1	228.7#
63	1052.3	93.3	173.3#



#16

Methylene chloride

Concen: 1.295 ug/L

RT: 3.036 min Scan# 543

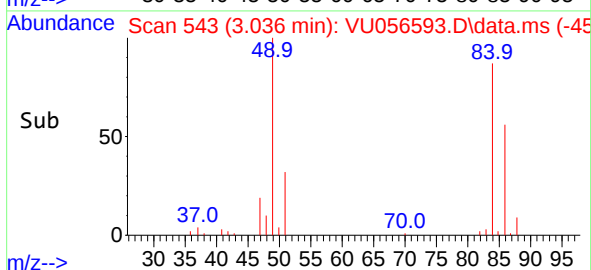
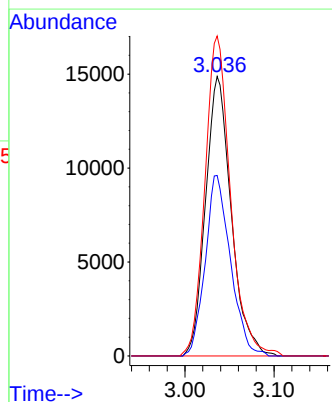
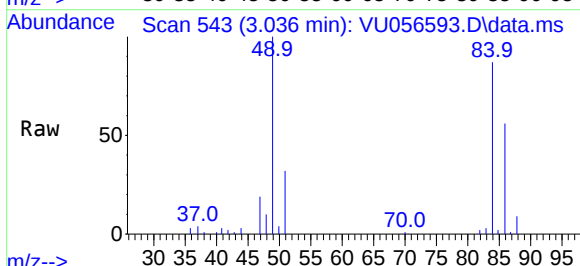
Delta R.T. -0.003 min

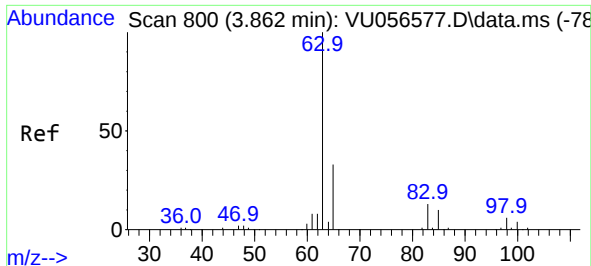
Lab File: VU056593.D

Acq: 22 Nov 2023 17:02

Tgt Ion: 84 Resp: 29749

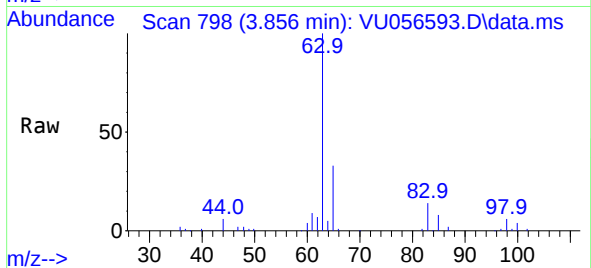
Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.7	83.1
49	114.5	81.8	152.0



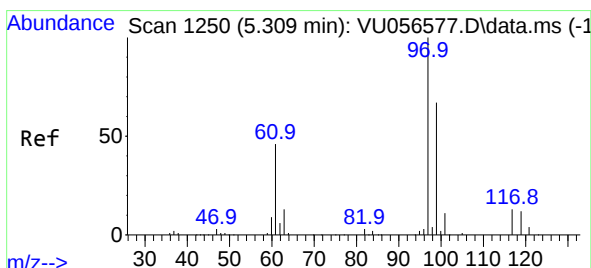
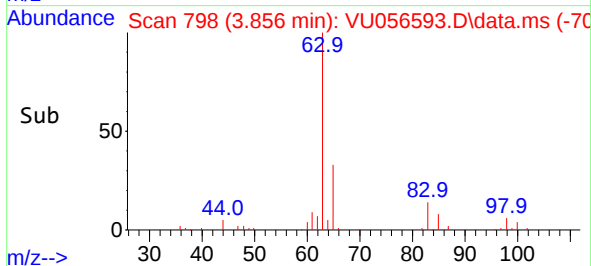
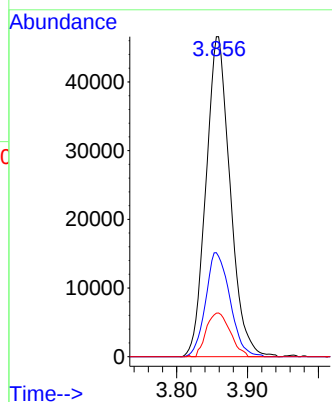


#19
1,1-Dichloroethane
Concen: 3.113 ug/L
RT: 3.856 min Scan# 74
Delta R.T. -0.006 min
Lab File: VU056593.D
Acq: 22 Nov 2023 17:02

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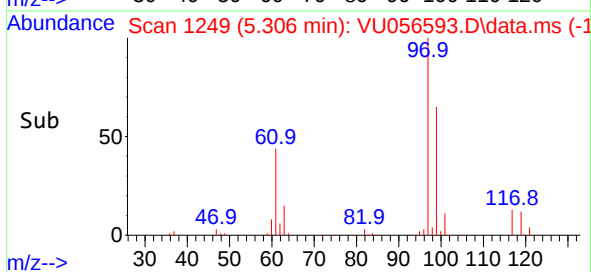
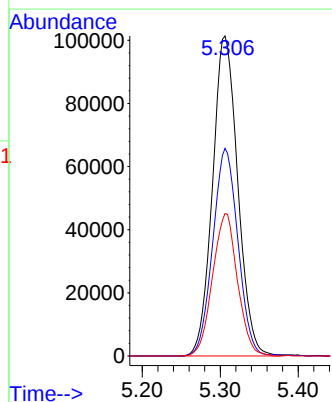
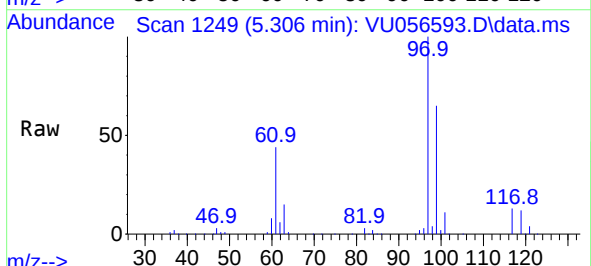


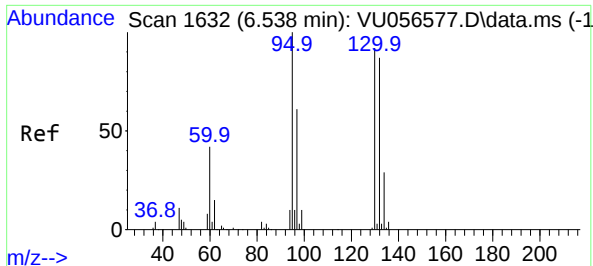
Tgt Ion: 63 Resp: 110106
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.6
83 13.6 9.7 17.9



#29
1,1,1-Trichloroethane
Concen: 6.811 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU056593.D
Acq: 22 Nov 2023 17:02

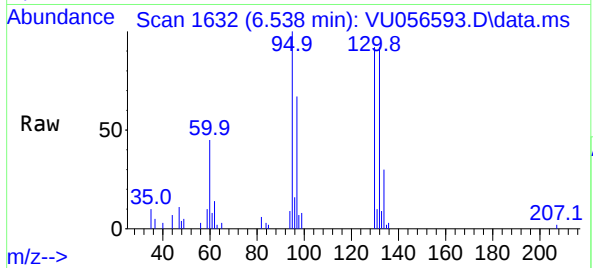
Tgt Ion: 97 Resp: 228415
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.9 34.3 51.5



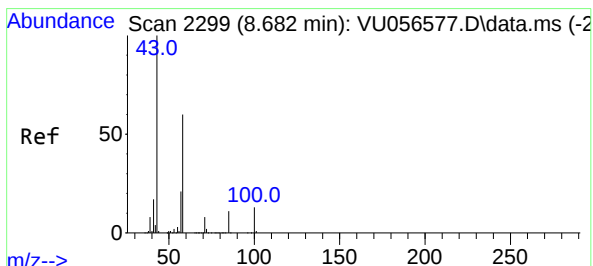
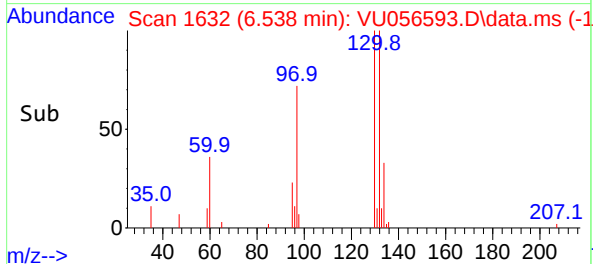
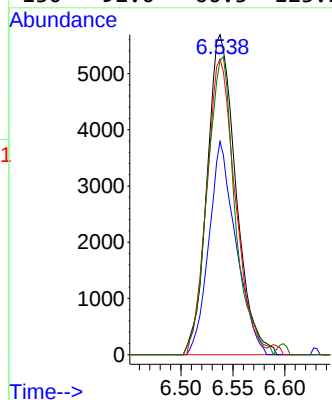


#34
Trichloroethene
Concen: 0.483 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056593.D
Acq: 22 Nov 2023 17:02

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Tgt Ion: 95 Resp: 10967
Ion Ratio Lower Upper
95 100
97 66.6 46.5 86.3
132 92.4 62.0 115.2
130 92.0 66.3 123.1



#48
2-Hexanone
Concen: 2.700 ug/L
RT: 8.634 min Scan# 2284
Delta R.T. -0.045 min
Lab File: VU056593.D
Acq: 22 Nov 2023 17:02

Tgt Ion: 43 Resp: 22667
Ion Ratio Lower Upper
43 100
58 38.1 48.7 73.1#
57 30.4 16.8 25.2#
100 2.1 9.9 14.9#

