

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036403.D
 Acq On : 02 Jul 2024 02:56
 Operator : SY/MD
 Sample : P3087-22
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 05:28:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 05:19:46 2024
 Response via : Initial Calibration

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

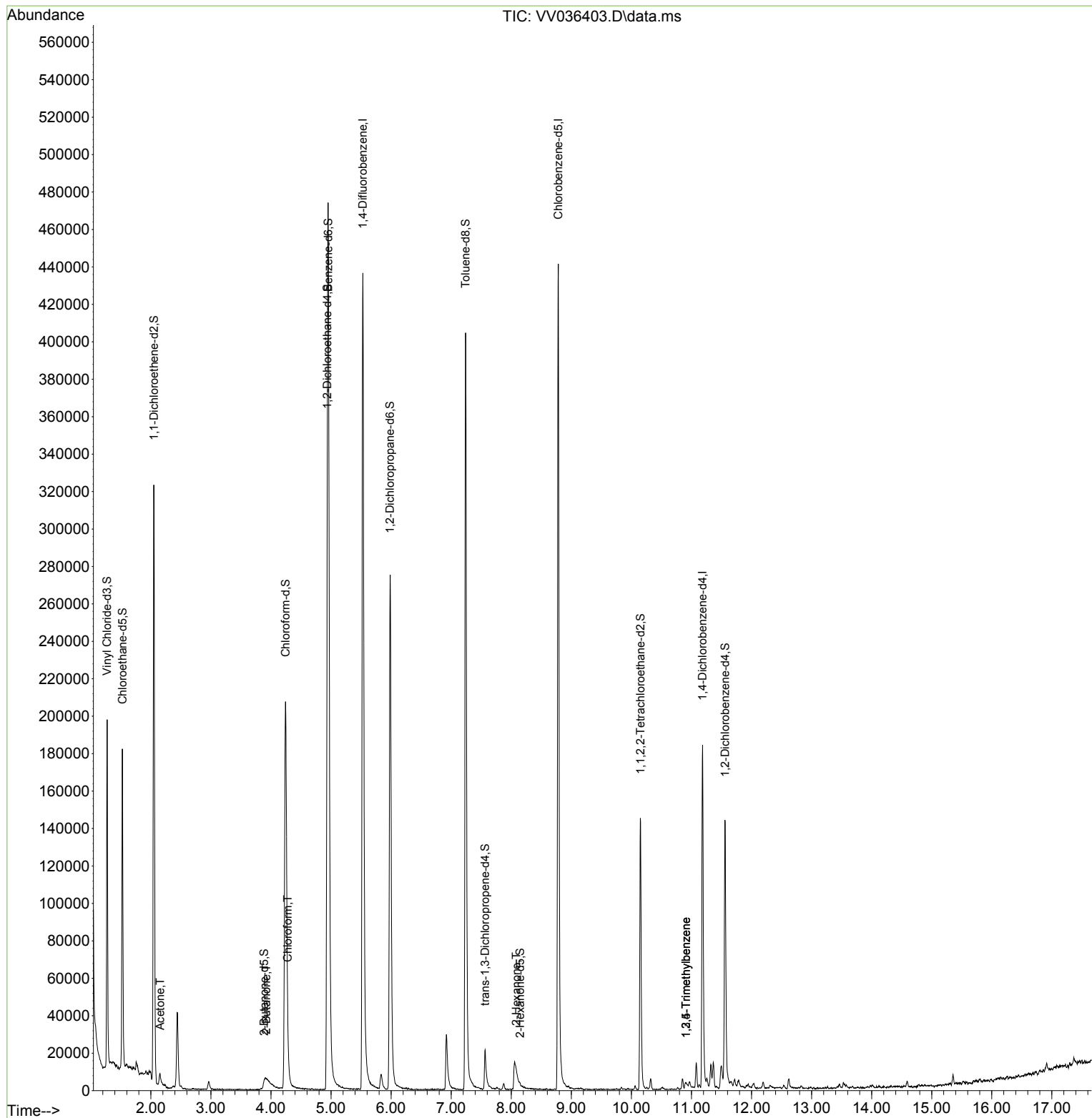
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	399666	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	256534	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51776	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	124389	18.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.320%
7) Chloroethane-d5	1.526	69	114691	21.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	2.050	65	54380	17.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.160%
21) 2-Butanone-d5	3.886	46	2938	1.865	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.740%#
24) Chloroform-d	4.243	84	234146	19.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	4.937	65	129084	20.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.080%
32) Benzene-d6	4.953	84	442837	30.580	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.320%
36) 1,2-Dichloropropane-d6	5.982	67	139468	32.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.080%#
41) Toluene-d8	7.239	98	289852	22.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.564	79	15488	7.962	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	31.840%
47) 2-Hexanone-d5	8.146	63	150	0.216	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.440%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	72459	20.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.160%
66) 1,2-Dichlorobenzene-d4	11.561	152	37581	19.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.680%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	2479	1.165	ug/L #	78
22) 2-Butanone	3.921	43	3249	1.810	ug/L #	54
25) Chloroform	4.278	83	5995	0.506	ug/L	98
48) 2-Hexanone	8.085	43	3707	2.153	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.908	105	2502	0.559	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.908	105	2502	0.514	ug/L #	31

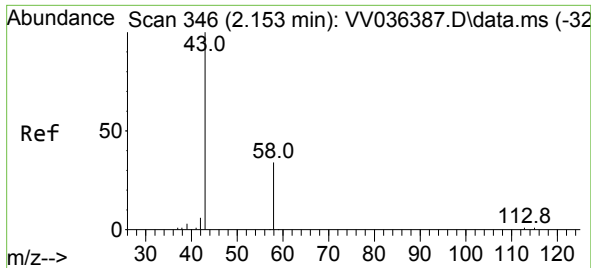
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 02 05:19:46 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.165 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

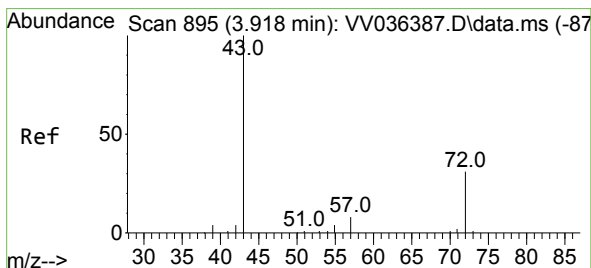
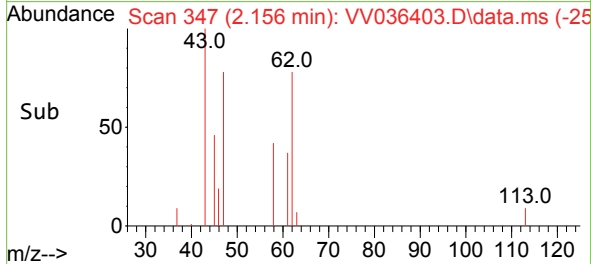
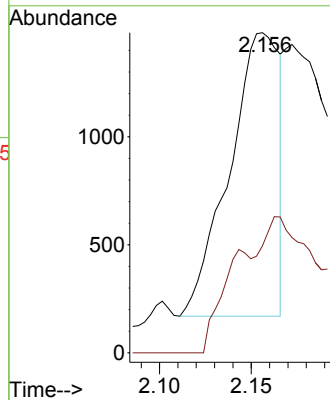
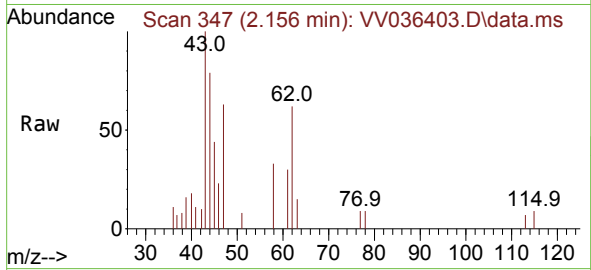
ClientSampleId :

Tgt Ion: 43 Resp: 2479

Ion Ratio Lower Upper

43 100

58 20.6 0.0 0.6#



#22

2-Butanone

Concen: 1.810 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV036403.D

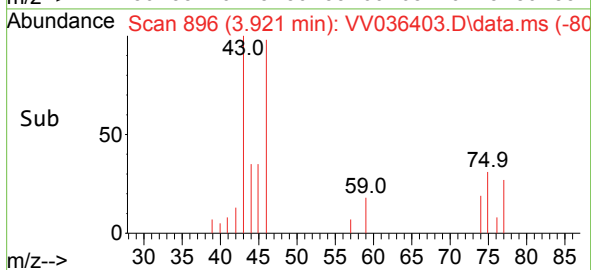
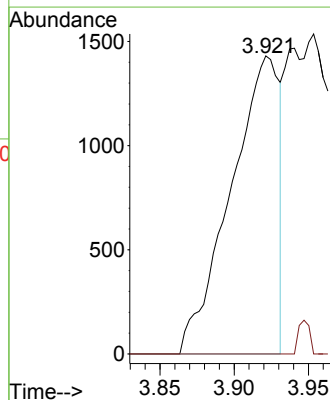
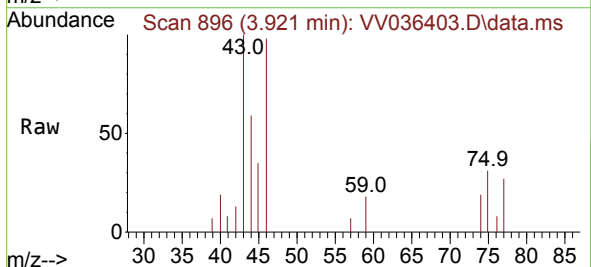
Acq: 02 Jul 2024 02:56

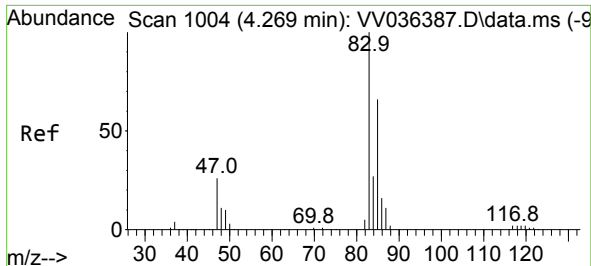
Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

43 100

72 2.6 12.9 38.7#

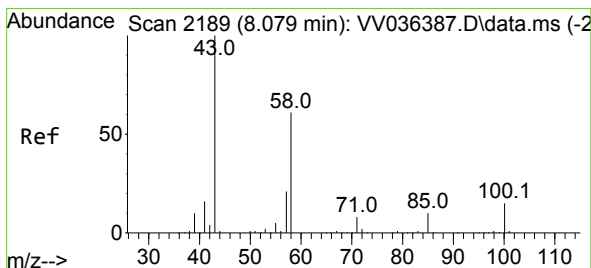
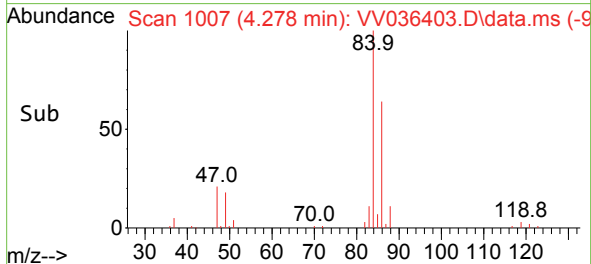
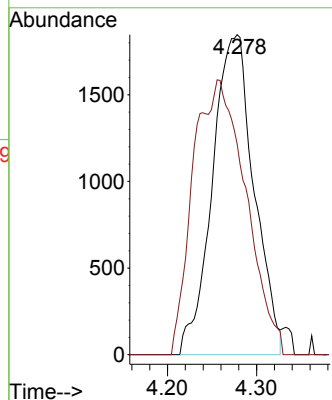
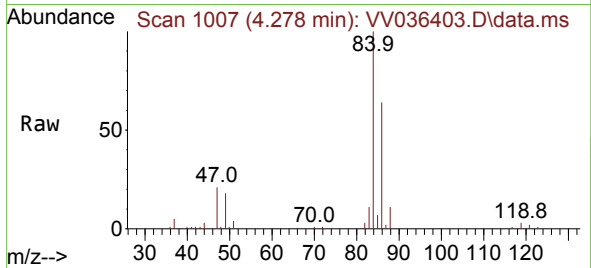




#25
Chloroform
Concen: 0.506 ug/L
RT: 4.278 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV036403.D
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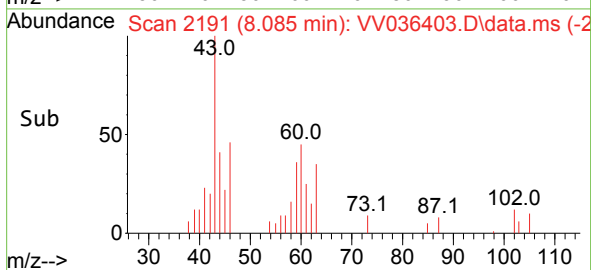
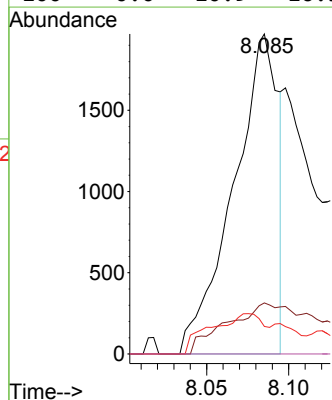
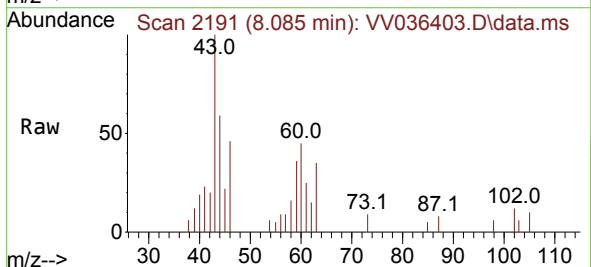
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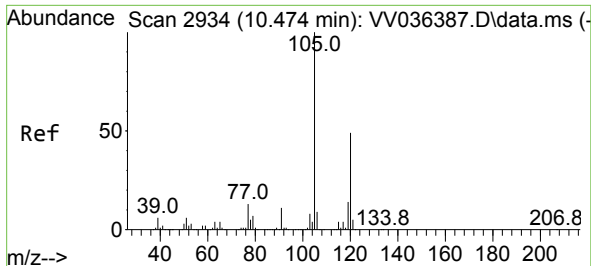
Tgt Ion: 83 Resp: 5995
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6



#48
2-Hexanone
Concen: 2.153 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VV036403.D
Acq: 02 Jul 2024 02:56

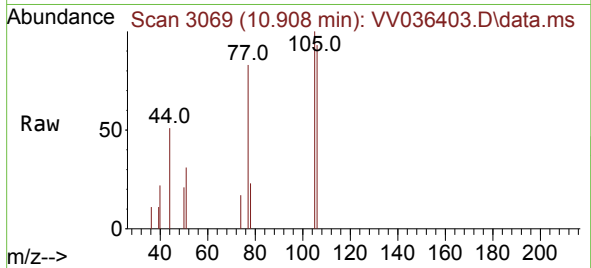
Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 10.1 48.5 72.7#
57 15.3 15.8 23.6#
100 0.0 10.9 16.3#



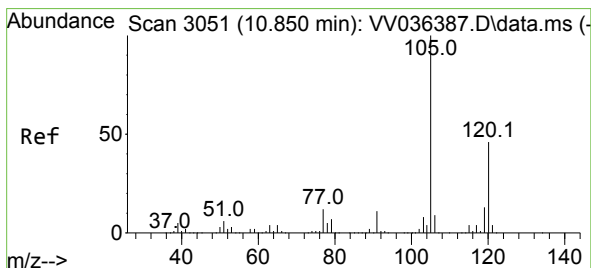
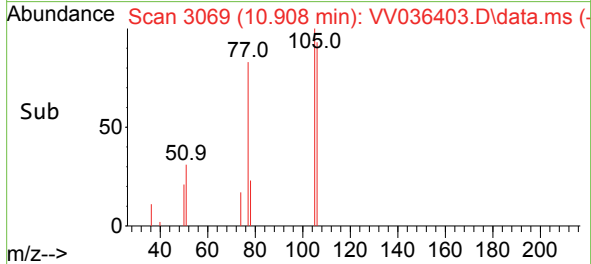
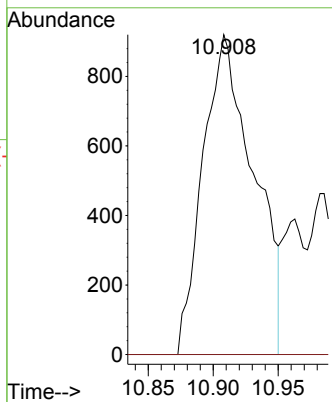


#62
1,3,5-Trimethylbenzene
Concen: 0.559 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.434 min
Lab File: VV036403.D
Acq: 02 Jul 2024 02:56

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 2502
Ion Ratio Lower Upper
105 100
120 0.0 39.1 58.7#



#63
1,2,4-Trimethylbenzene
Concen: 0.514 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.058 min
Lab File: VV036403.D
Acq: 02 Jul 2024 02:56

Tgt Ion:105 Resp: 2502
Ion Ratio Lower Upper
105 100
120 0.0 36.2 54.4#

