

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036641.D
 Acq On : 23 Jul 2024 13:12
 Operator : SY/MD
 Sample : P3328-03
 Misc : 8.25g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:59:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

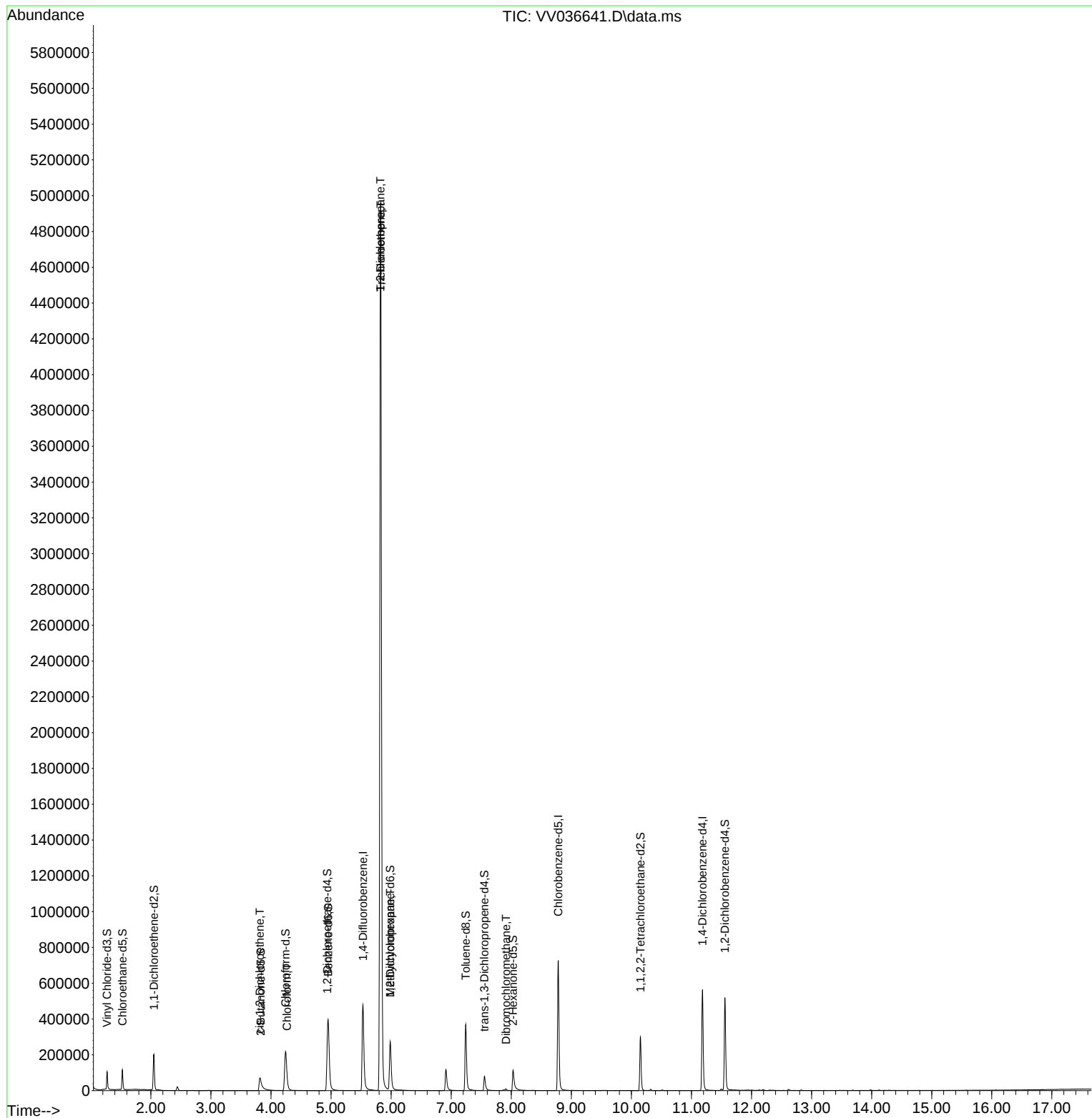
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	465749	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	444684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	63840	12.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.040%
7) Chloroethane-d5	1.526	69	72407	15.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.880%
11) 1,1-Dichloroethene-d2	2.050	65	32307	11.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.920%
21) 2-Butanone-d5	3.828	46	54686	45.936	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.880%
24) Chloroform-d	4.243	84	246133	19.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.920%
26) 1,2-Dichloroethane-d4	4.937	65	137403	22.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.440%
32) Benzene-d6	4.953	84	342725	16.262	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.040%
36) 1,2-Dichloropropane-d6	5.985	67	127060	21.159	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.640%
41) Toluene-d8	7.243	98	269356	13.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.560%
43) trans-1,3-Dichloroprop...	7.555	79	51800	19.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.600%
47) 2-Hexanone-d5	8.030	63	44715	55.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	139938	26.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	148395	25.609	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.812	96	32086	4.234	ug/L	98
25) Chloroform	4.268	83	7652	0.557	ug/L	84
34) Trichloroethene	5.825	95	1679311	203.200	ug/L	97
35) Methylcyclohexane	5.985	83	35057	3.186	ug/L #	23
37) 1,2-Dichloropropane	5.821	63	7394	1.272	ug/L	99
49) Dibromochloromethane	7.911	129	2295	0.321	ug/L #	11

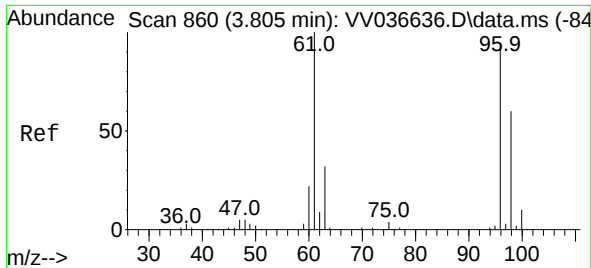
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 4.234 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV036641.D

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Instrument :

MSVOA_V

ClientSampleId :

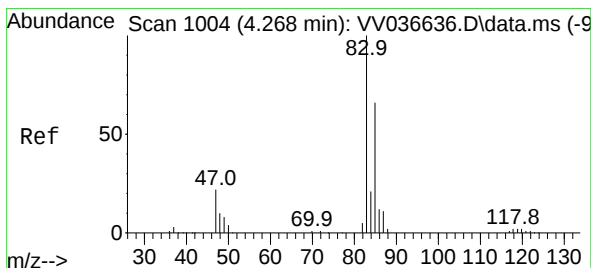
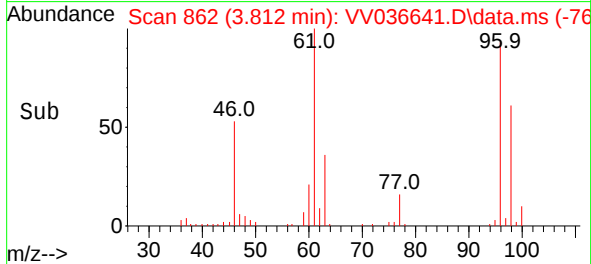
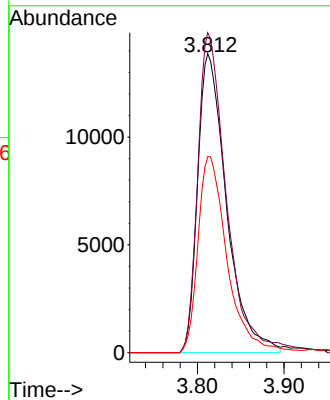
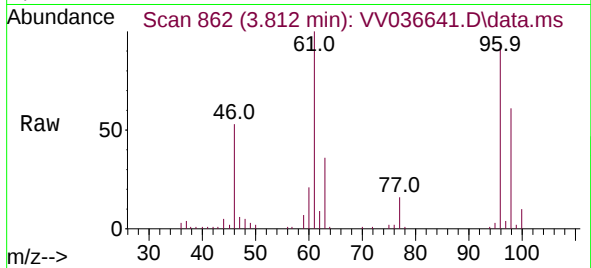
Tgt Ion: 96 Resp: 32086

Ion Ratio Lower Upper

96 100

61 107.0 73.0 135.6

98 65.6 44.8 83.2



#25

Chloroform

Concen: 0.557 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV036641.D

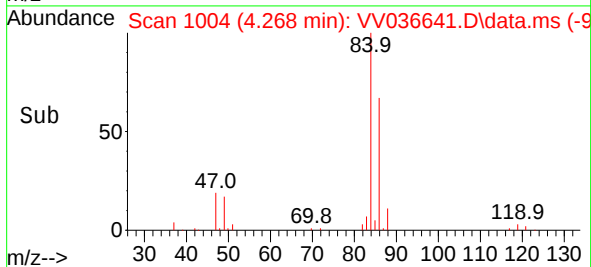
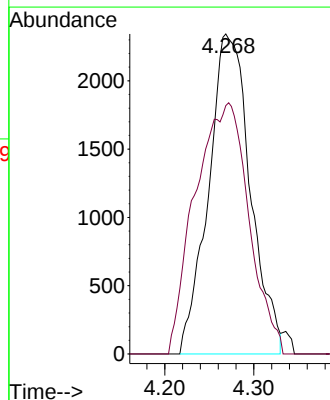
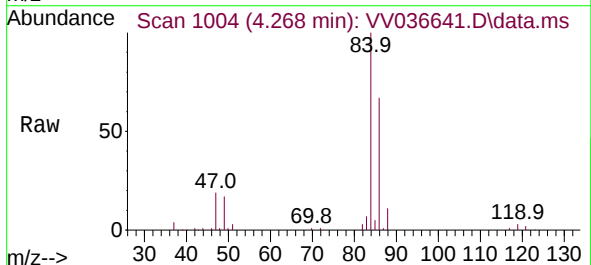
Acq: 23 Jul 2024 13:12

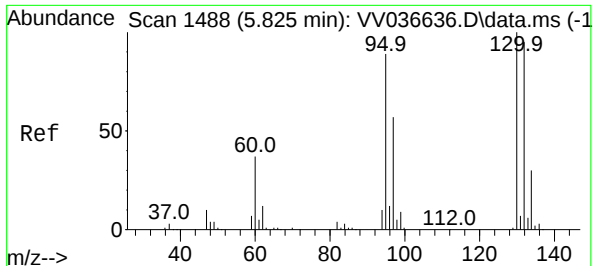
Tgt Ion: 83 Resp: 7652

Ion Ratio Lower Upper

83 100

85 77.6 45.6 84.6





#34

Trichloroethene

Concen: 203.200 ug/L

RT: 5.825 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV036641.D

Acq: 23 Jul 2024 13:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1679311

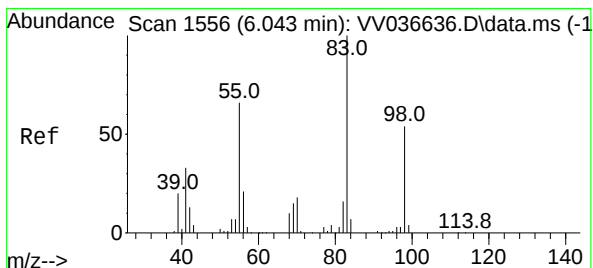
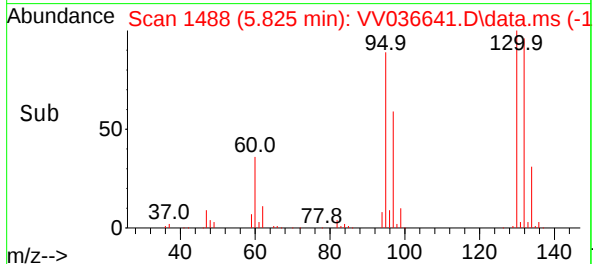
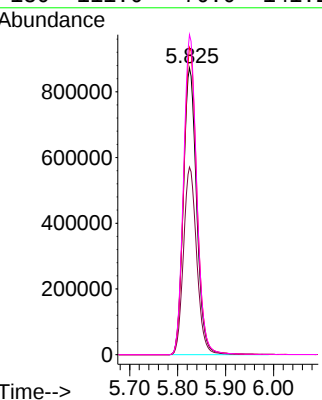
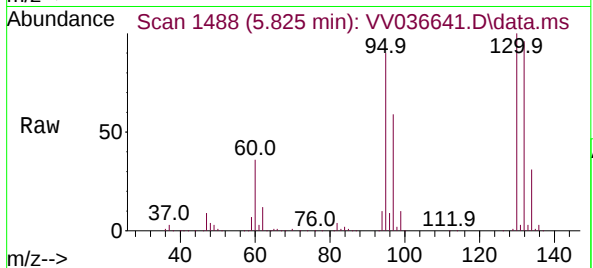
Ion Ratio Lower Upper

95 100

97 65.4 45.1 83.7

132 107.2 72.7 134.9

130 111.6 76.0 141.2



#35

Methylcyclohexane

Concen: 3.186 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036641.D

Acq: 23 Jul 2024 13:12

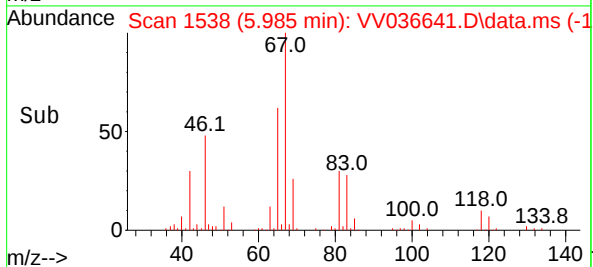
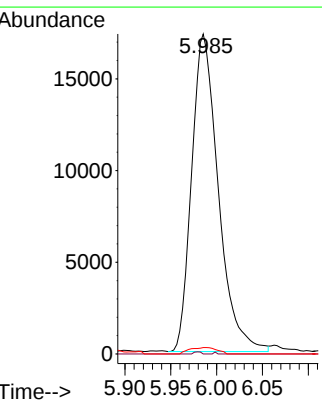
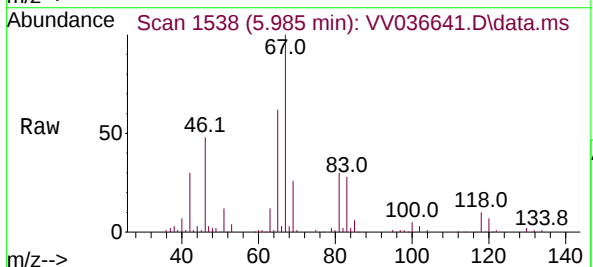
Tgt Ion: 83 Resp: 35057

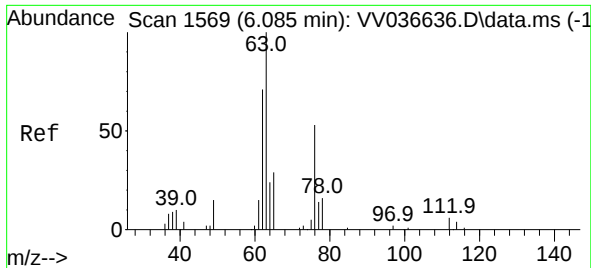
Ion Ratio Lower Upper

83 100

55 0.2 50.8 76.2#

98 2.1 41.3 61.9#

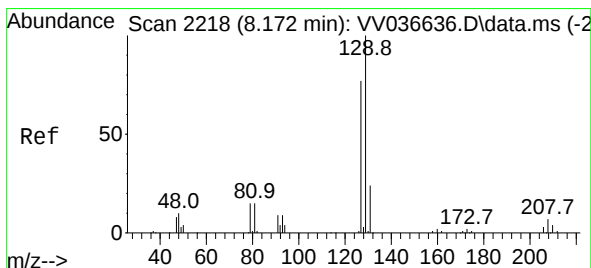
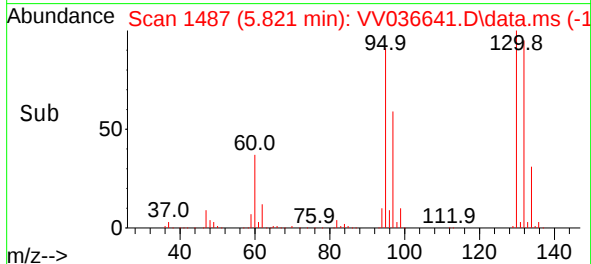
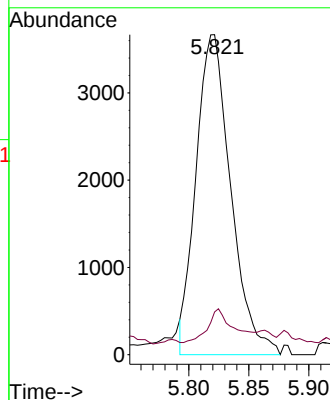
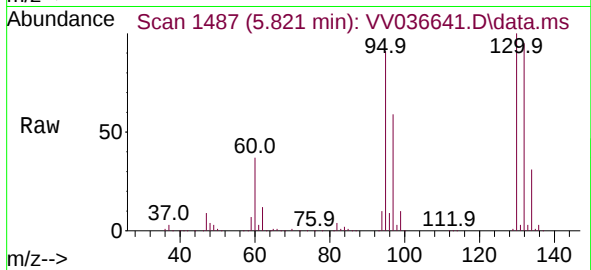




#37
1,2-Dichloropropane
Concen: 1.272 ug/L
RT: 5.821 min Scan# 14
Delta R.T. -0.264 min
Lab File: VV036641.D
Acq: 23 Jul 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 7394
Ion Ratio Lower Upper
63 100
112 6.3 4.8 7.2



#49
Dibromochloromethane
Concen: 0.321 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.260 min
Lab File: VV036641.D
Acq: 23 Jul 2024 13:12

Tgt Ion: 129 Resp: 2295
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#

