

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050657.D
 Acq On : 07 Sep 2022 13:55
 Operator : SY/MD
 Sample : N4481-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF3

Quant Time: Sep 08 05:42:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

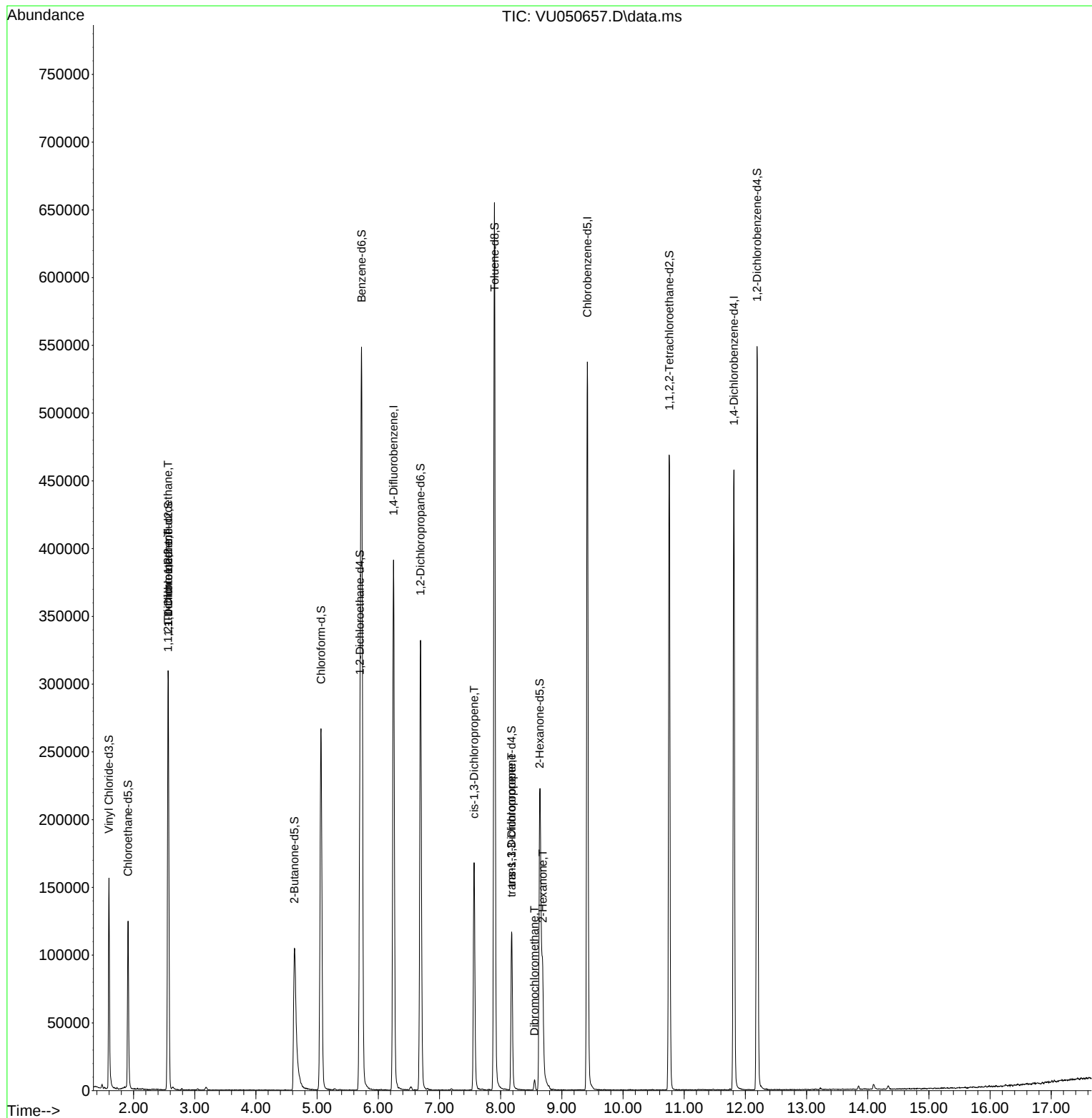
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325946	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	316647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123375	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	118810	42.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.240%
7) Chloroethane-d5	1.909	69	88037	46.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.565	63	181818	36.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.820%
21) 2-Butanone-d5	4.629	46	170108	83.400	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.400%
24) Chloroform-d	5.063	84	255765	48.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
26) 1,2-Dichloroethane-d4	5.700	65	164299	50.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
32) Benzene-d6	5.726	84	521502	49.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
36) 1,2-Dichloropropane-d6	6.690	67	163038	47.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	7.899	98	448039	50.069	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.140%
43) trans-1,3-Dichloroprop...	8.179	79	72600	51.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.140%
47) 2-Hexanone-d5	8.636	63	67867	78.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.530%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	233548	44.922	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	12.192	152	150454	52.094	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.180%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1120	0.440	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	1413	0.571	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4359	1.058	ug/L #	44
44) trans-1,3-Dichloropropene	8.176	75	3111	0.805	ug/L	91
48) 2-Hexanone	8.687	43	41524	10.727	ug/L #	87
49) Dibromochloromethane	8.552	129	1939	0.695	ug/L #	11

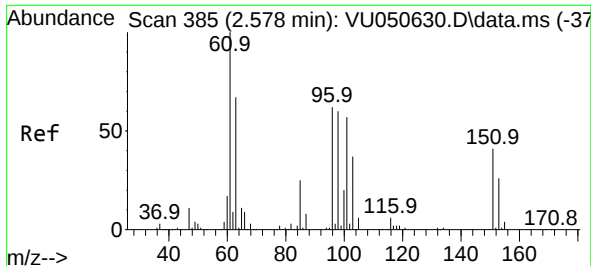
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.440 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.016 min

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MSVOA_U

ClientSampleId :

DBVF3

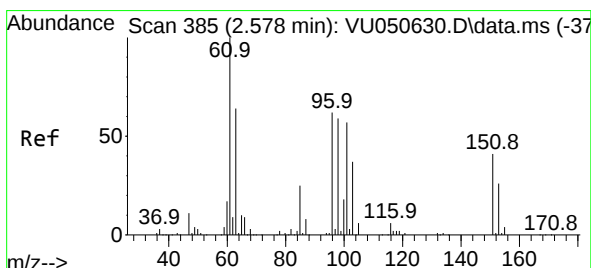
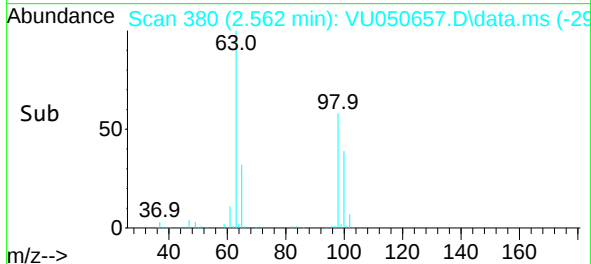
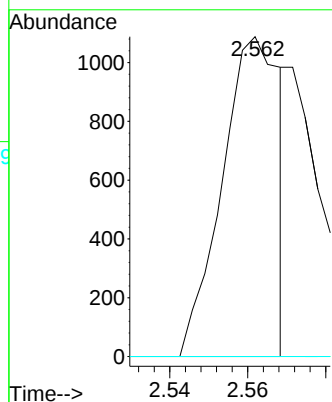
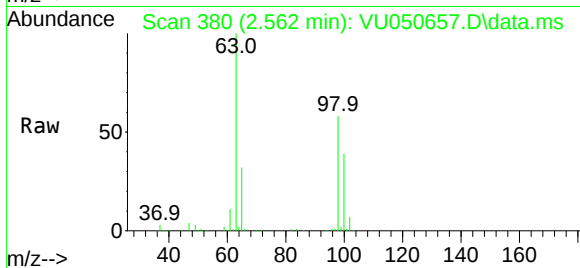
Tgt Ion:101 Resp: 1120

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.571 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU050657.D

Acq: 07 Sep 2022 13:55

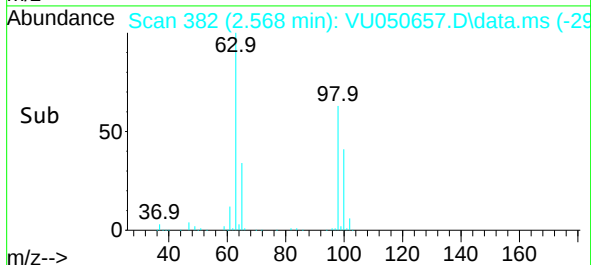
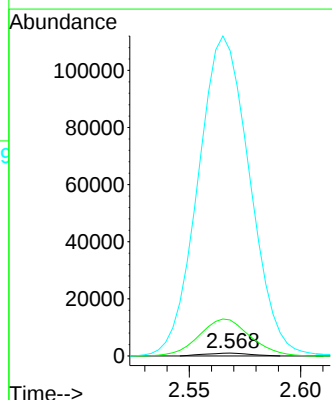
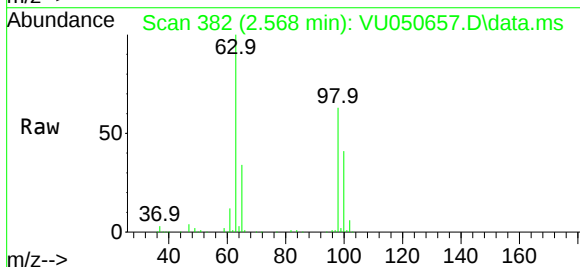
Tgt Ion: 96 Resp: 1413

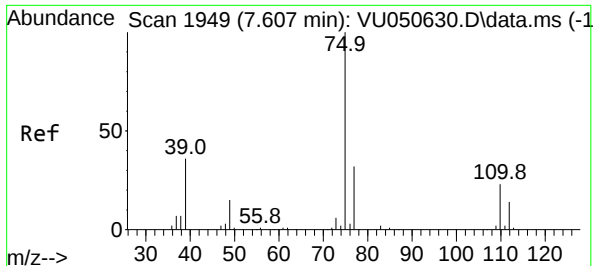
Ion Ratio Lower Upper

96 100

61 1272.9 118.0 219.1#

63 10807.7 79.5 147.7#





#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

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MSVOA_U

ClientSampleId :

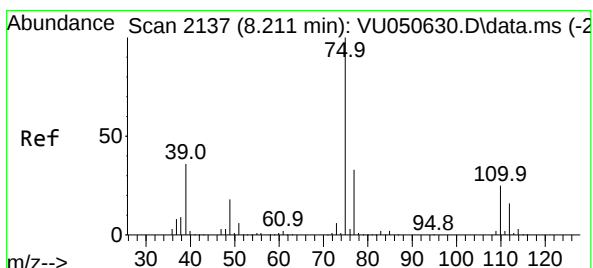
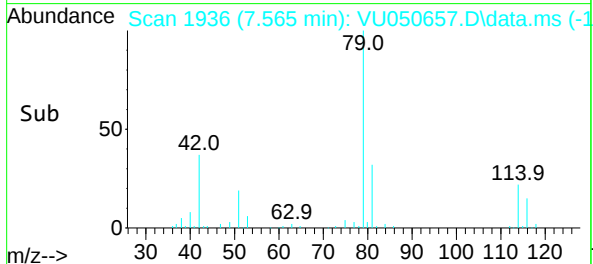
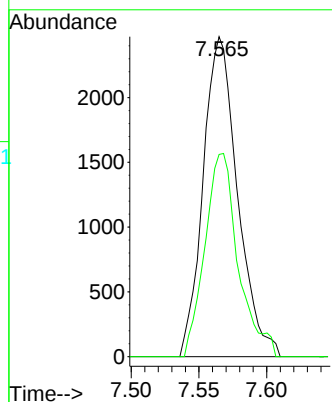
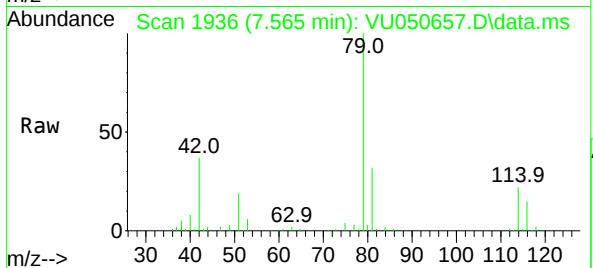
DBVF3

Tgt Ion: 75 Resp: 4359

Ion Ratio Lower Upper

75 100

77 63.2 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.805 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU050657.D

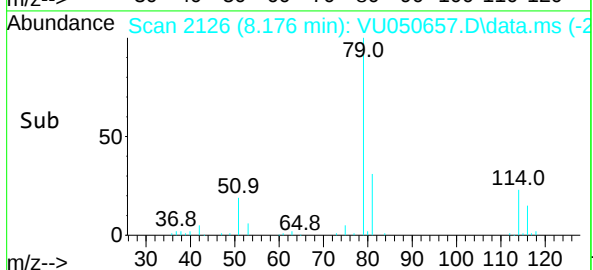
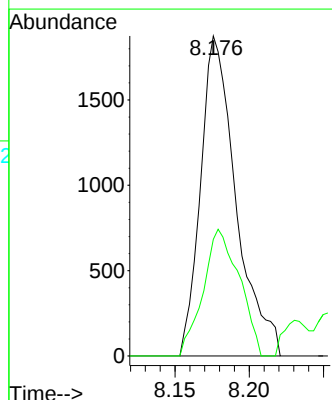
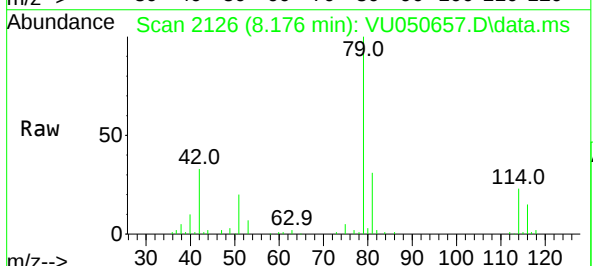
Acq: 07 Sep 2022 13:55

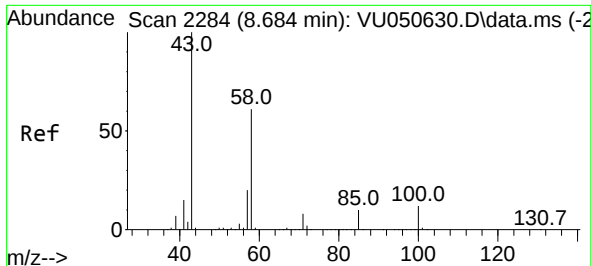
Tgt Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 36.5 22.1 41.1

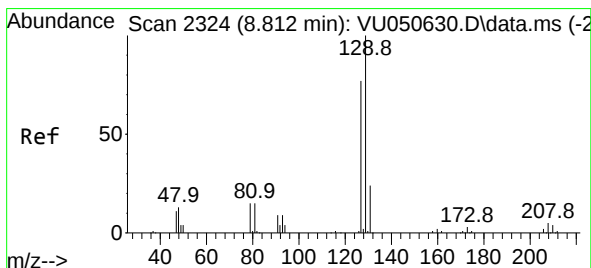
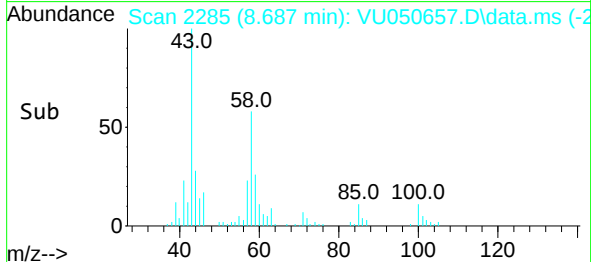
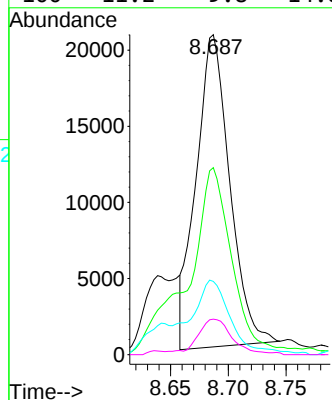
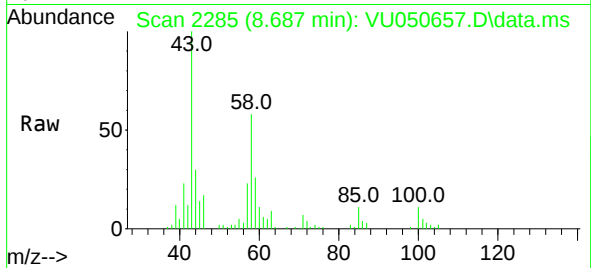




#48
2-Hexanone
Concen: 10.727 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050657.D
Acq: 07 Sep 2022 13:55

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 43 Resp: 41524
Ion Ratio Lower Upper
43 100
58 78.7 51.8 77.6#
57 23.9 17.0 25.4
100 11.2 9.8 14.8



#49
Dibromochloromethane
Concen: 0.695 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU050657.D
Acq: 07 Sep 2022 13:55

Tgt Ion: 129 Resp: 1939
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

