

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037102.D
 Acq On : 27 Aug 2024 21:34
 Operator : SY/MD
 Sample : P3692-21
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 06:13:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

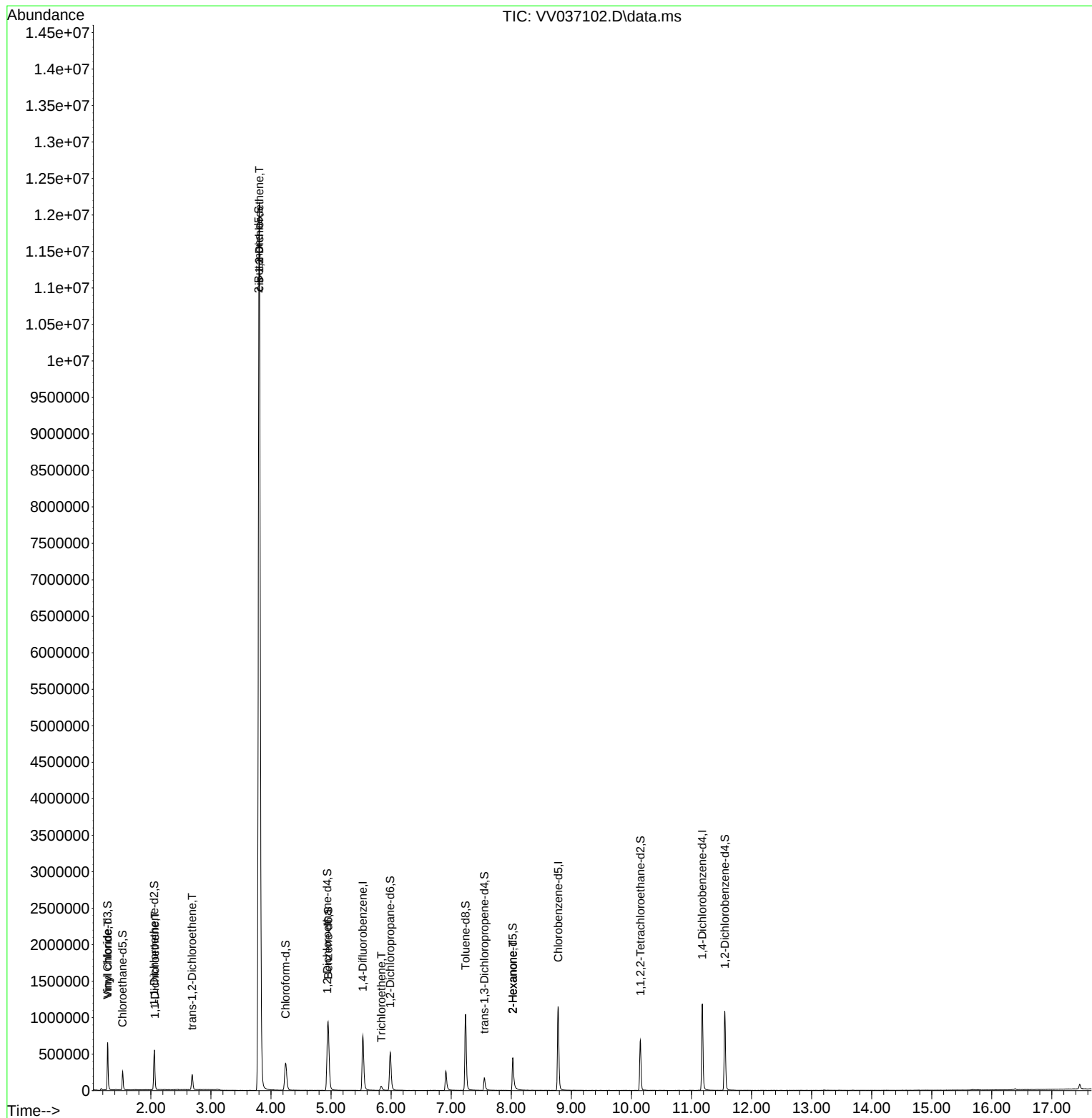
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	649510	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619234	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	299262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182215	30.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.340%		
7) Chloroethane-d5	1.529	69	165624	36.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.140%		
11) 1,1-Dichloroethene-d2	2.056	65	91665	36.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.420%		
21) 2-Butanone-d5	3.796	46	255143	110.892	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.890%		
24) Chloroform-d	4.243	84	396297	42.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.240%		
26) 1,2-Dichloroethane-d4	4.937	65	265107	45.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
32) Benzene-d6	4.953	84	787455	42.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.985	67	257575	43.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.940%		
41) Toluene-d8	7.239	98	699332	41.430	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.860%		
43) trans-1,3-Dichloroprop...	7.551	79	105865	39.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.120%		
47) 2-Hexanone-d5	8.024	63	160388	100.319	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.320%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	333563	46.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.900%		
66) 1,2-Dichlorobenzene-d4	11.558	152	269131	44.903	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	262104	45.232	ug/L	99
12) 1,1-Dichloroethene	2.066	96	8590	2.027	ug/L #	1
17) trans-1,2-Dichloroethene	2.687	96	75729	17.215	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	6521060	1341.530	ug/L	99
34) Trichloroethene	5.838	95	21227	4.500	ug/L	93
48) 2-Hexanone	8.027	43	20153	5.350	ug/L #	77

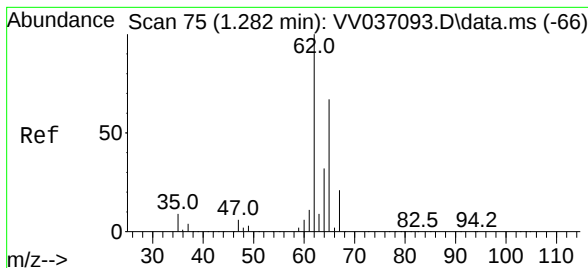
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 28 05:52:22 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 45.232 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

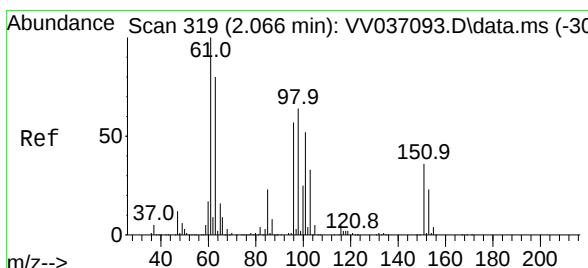
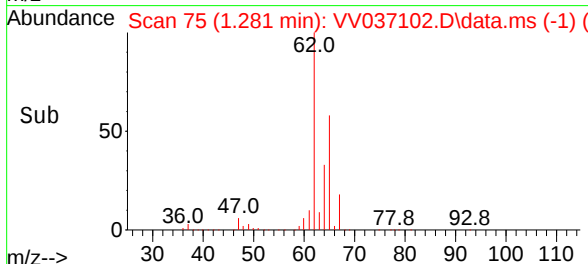
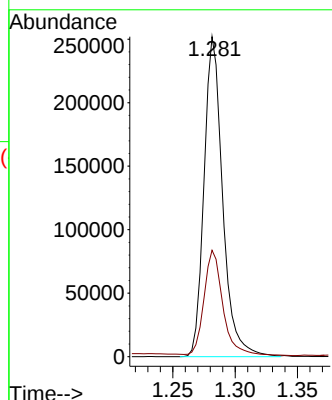
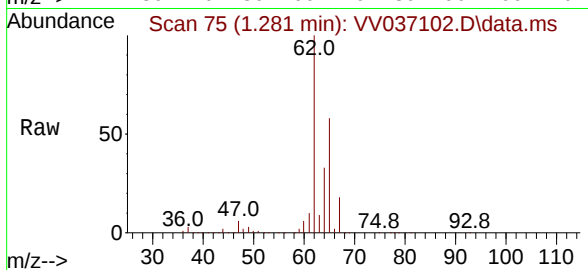
ClientSampleId :

Tgt Ion: 62 Resp: 262104

Ion Ratio Lower Upper

62 100

64 33.3 22.8 42.4



#12

1,1-Dichloroethene

Concen: 2.027 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037102.D

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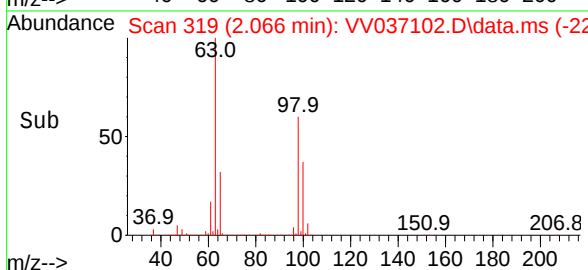
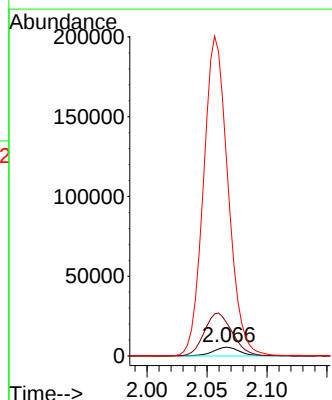
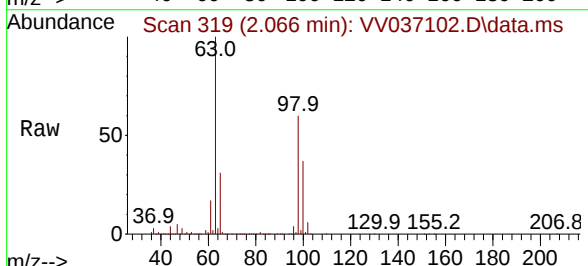
Tgt Ion: 96 Resp: 8590

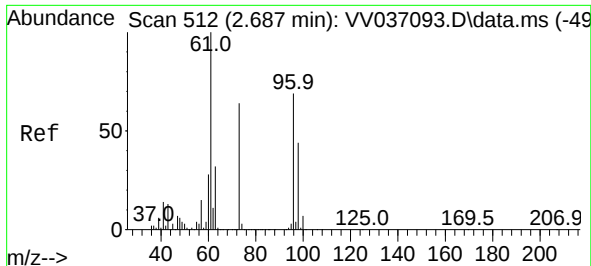
Ion Ratio Lower Upper

96 100

61 385.4 123.8 229.8#

63 2293.7 96.5 179.1#





#17

trans-1,2-Dichloroethene

Concen: 17.215 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

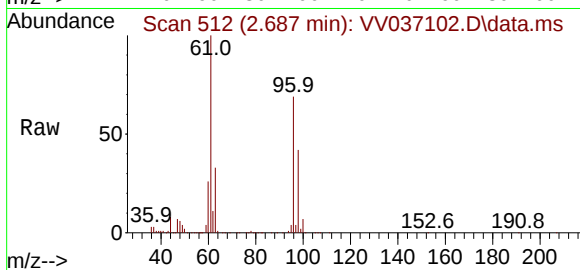
Lab File: VV037102.D

Acq: 27 Aug 2024 21:34

Instrument :

MSVOA_V

ClientSampleId :



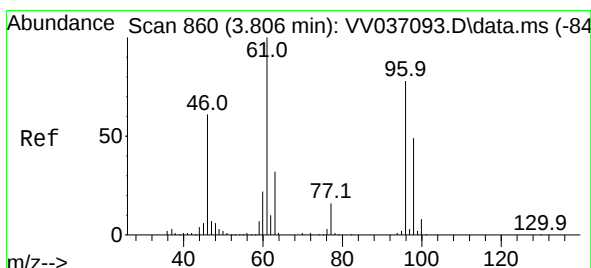
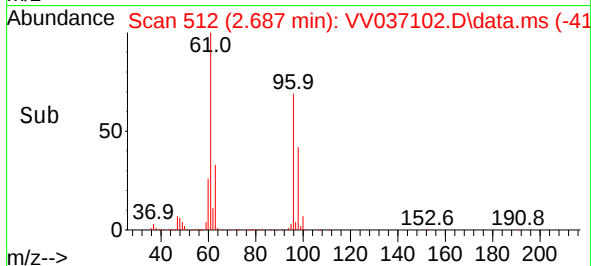
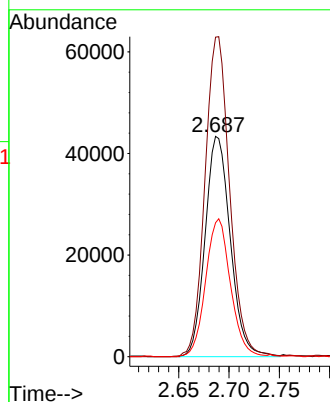
Tgt Ion: 96 Resp: 75729

Ion Ratio Lower Upper

96 100

61 145.1 102.3 189.9

98 60.8 44.8 83.2



#20

cis-1,2-Dichloroethene

Concen: 1341.530 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV037102.D

Acq: 27 Aug 2024 21:34

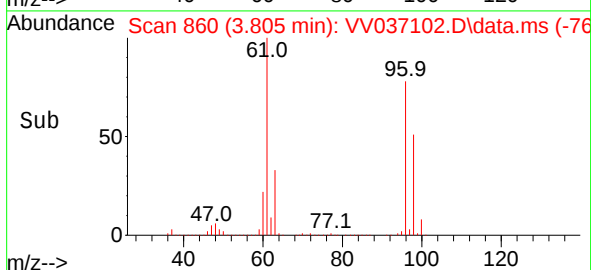
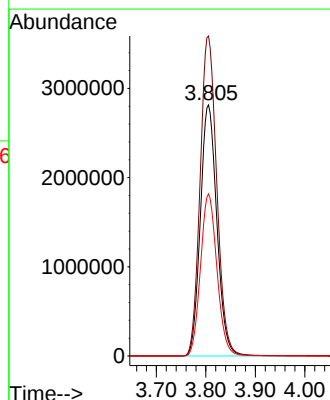
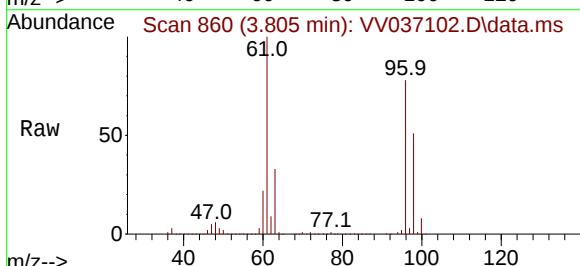
Tgt Ion: 96 Resp: 6521060

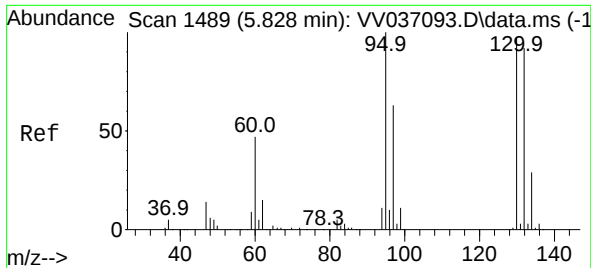
Ion Ratio Lower Upper

96 100

61 127.5 89.9 166.9

98 64.5 44.8 83.2



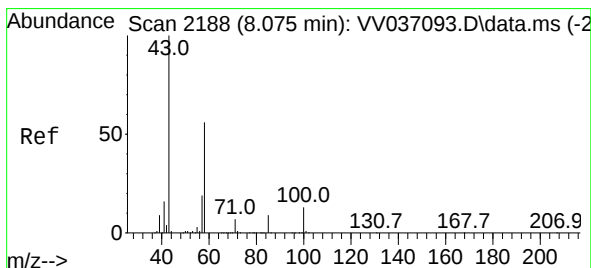
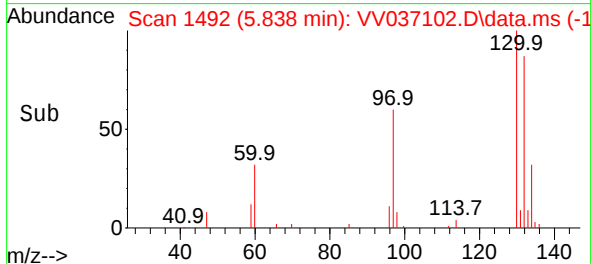
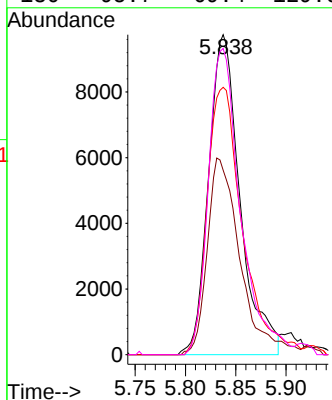
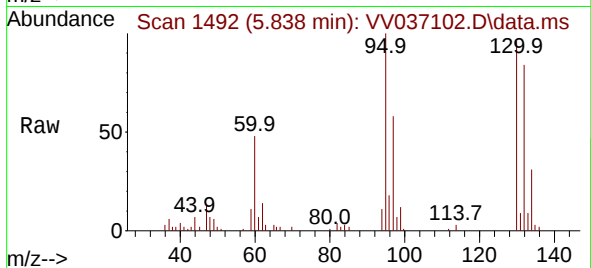


#34
Trichloroethene
Concen: 4.500 ug/L
RT: 5.838 min Scan# 1489
Delta R.T. 0.010 min
Lab File: VV037102.D
Acq: 27 Aug 2024 21:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 21227

Ion	Ratio	Lower	Upper
95	100		
97	57.7	44.4	82.5
132	83.5	64.9	120.5
130	95.7	69.4	129.0



#48
2-Hexanone
Concen: 5.350 ug/L
RT: 8.027 min Scan# 2173
Delta R.T. -0.048 min
Lab File: VV037102.D
Acq: 27 Aug 2024 21:34

Tgt Ion: 43 Resp: 20153

Ion	Ratio	Lower	Upper
43	100		
58	35.8	46.0	69.0#
57	19.8	15.6	23.4
100	0.9	10.6	16.0#

