

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021840.D
 Acq On : 18 Aug 2021 01:47
 Operator : SY/MD
 Sample : M3422-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

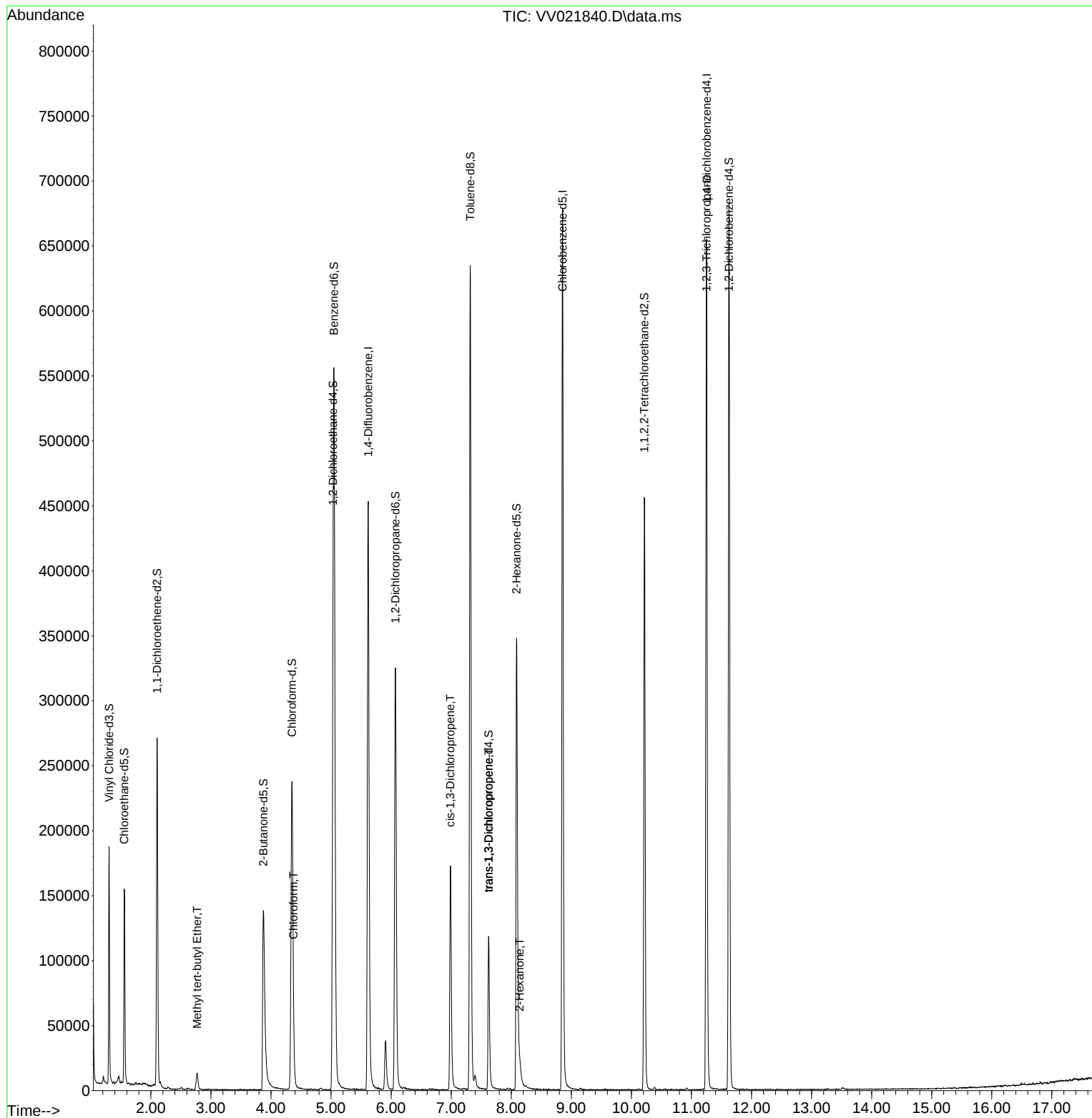
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	415723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	382610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	179193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112769	34.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.400%
7) Chloroethane-d5	1.558	69	96586	39.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.760%
11) 1,1-Dichloroethene-d2	2.105	63	135903	26.270	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.540%#
21) 2-Butanone-d5	3.873	46	223057	110.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.350%
24) Chloroform-d	4.349	84	248509	44.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
26) 1,2-Dichloroethane-d4	5.034	65	157117	48.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
32) Benzene-d6	5.050	84	491346	44.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
36) 1,2-Dichloropropane-d6	6.072	67	166193	48.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.020%
41) Toluene-d8	7.317	98	429623	42.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.500%
43) trans-1,3-Dichloroprop...	7.622	79	70786	41.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.960%
47) 2-Hexanone-d5	8.088	63	119457	106.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	220634	51.964	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	184137	49.653	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.300%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	2.770	73	13380	1.509	ug/L	97
25) Chloroform	4.375	83	2530	0.458	ug/L #	64
39) cis-1,3-Dichloropropene	6.986	75	4263	0.903	ug/L #	73
44) trans-1,3-Dichloropropene	7.625	75	2835	0.637	ug/L #	80
48) 2-Hexanone	8.140	43	10585	3.332	ug/L #	40
61) 1,2,3-Trichloropropane	11.249	75	19340	5.840	ug/L #	63

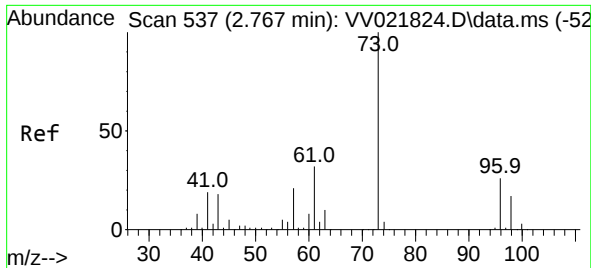
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 18 03:33:12 2021
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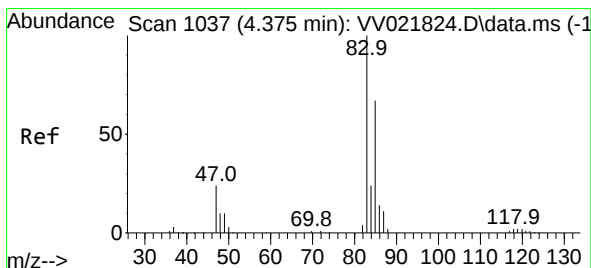
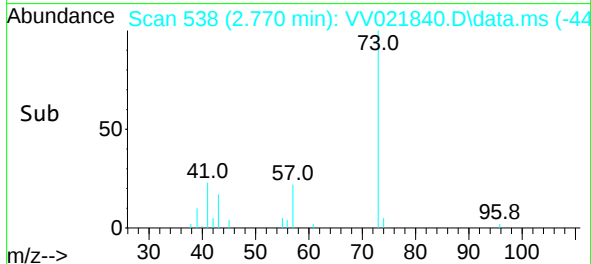
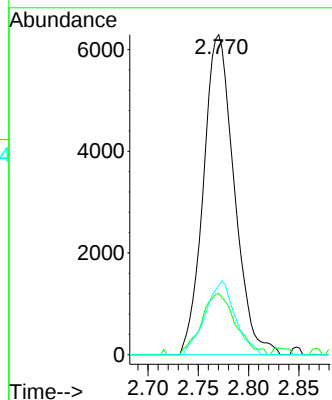
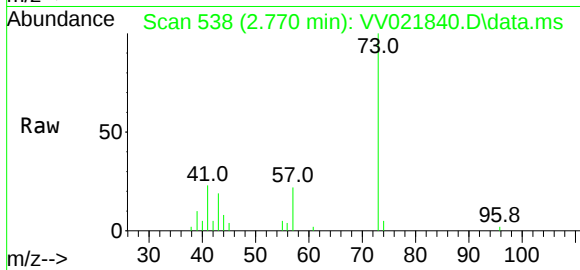




#18
Methyl tert-butyl Ether
Concen: 1.509 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021840.D
Acq: 18 Aug 2021 01:47

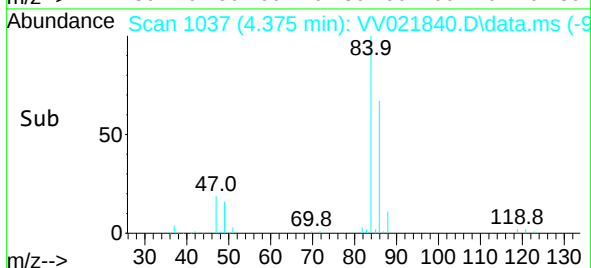
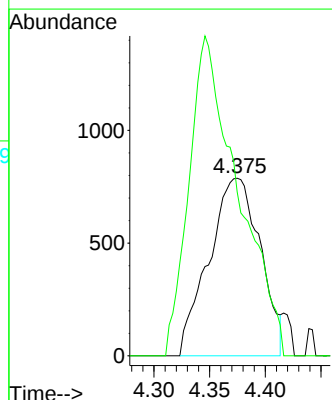
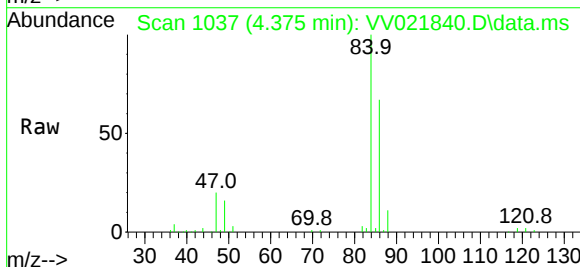
Instrument :
MSVOA_V
ClientSampled :

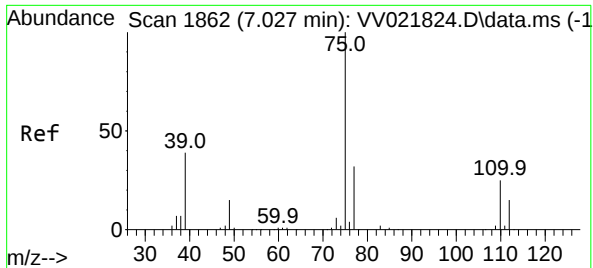
Tgt Ion: 73 Resp: 13380
Ion Ratio Lower Upper
73 100
43 20.8 14.2 21.4
57 22.4 17.7 26.5



#25
Chloroform
Concen: 0.458 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV021840.D
Acq: 18 Aug 2021 01:47

Tgt Ion: 83 Resp: 2530
Ion Ratio Lower Upper
83 100
85 92.4 44.8 83.2#



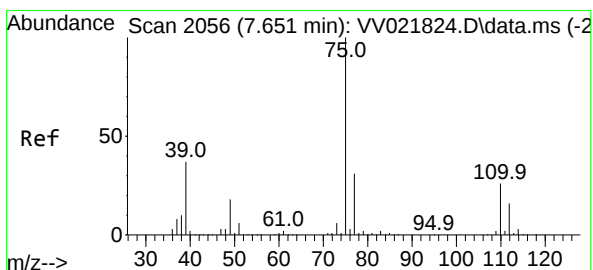
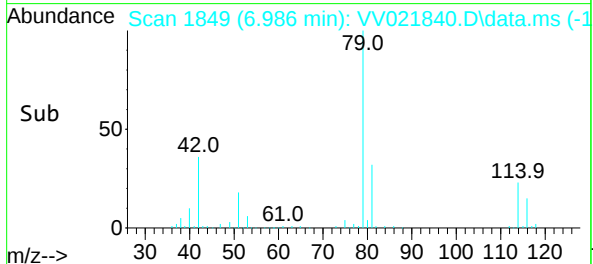
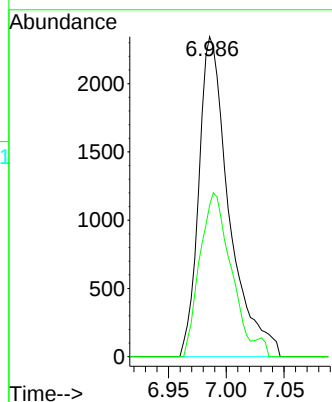
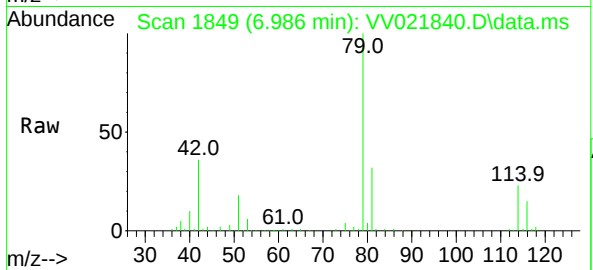


#39

cis-1,3-Dichloropropene
Concen: 0.903 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV021840.D
Acq: 18 Aug 2021 01:47

Instrument :
MSVOA_V
ClientSampled :

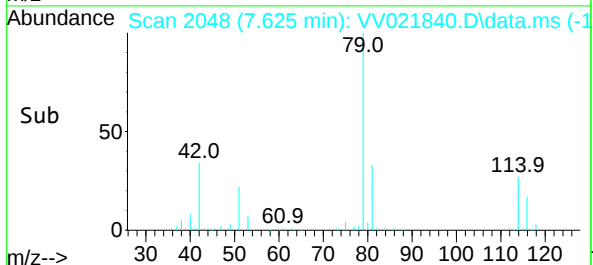
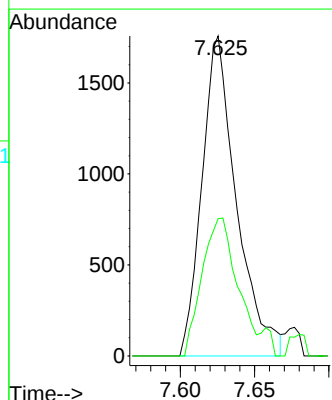
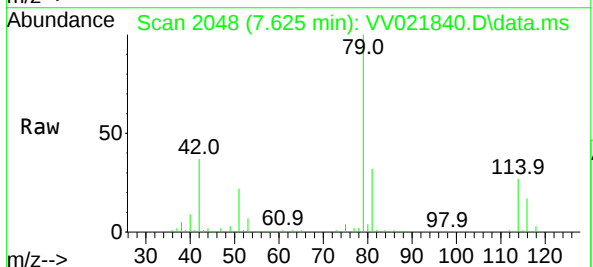
Tgt Ion: 75 Resp: 4263
Ion Ratio Lower Upper
75 100
77 47.3 22.5 41.9#

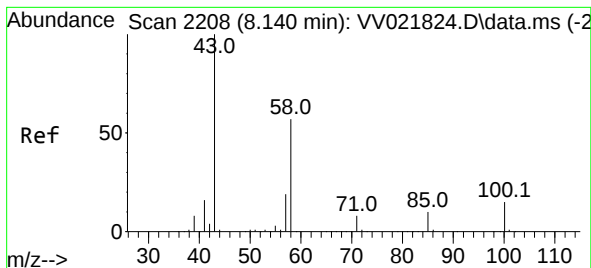


#44

trans-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV021840.D
Acq: 18 Aug 2021 01:47

Tgt Ion: 75 Resp: 2835
Ion Ratio Lower Upper
75 100
77 42.9 22.2 41.2#





#48

2-Hexanone

Concen: 3.332 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV021840.D

Acq: 18 Aug 2021 01:47

Tgt Ion: 43 Resp: 10585

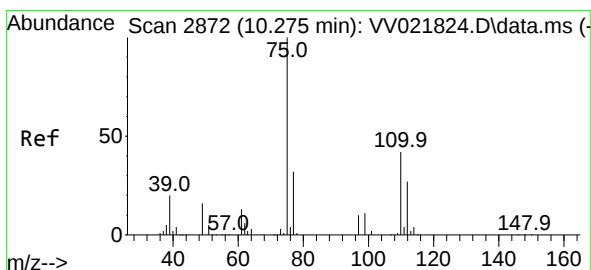
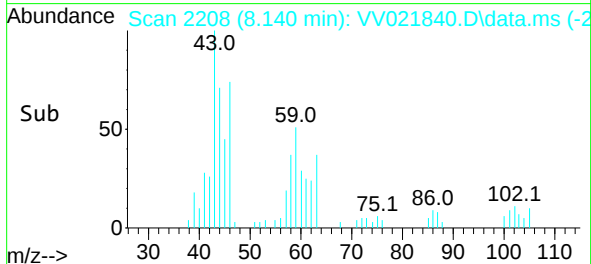
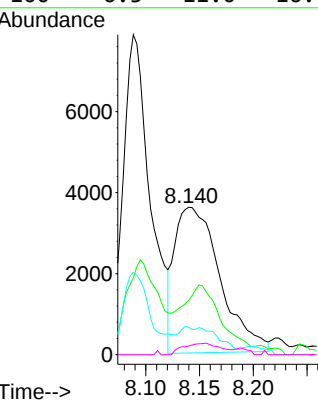
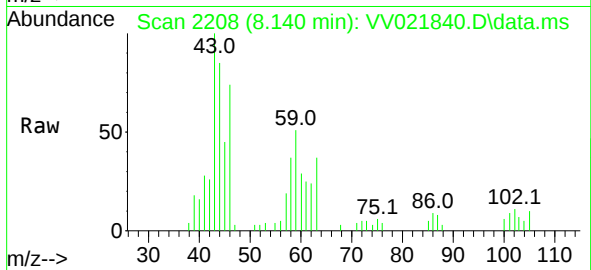
Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.2#

57 1.2 15.3 22.9#

100 6.3 11.0 16.6#



#61

1,2,3-Trichloropropane

Concen: 5.840 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021840.D

Acq: 18 Aug 2021 01:47

Tgt Ion: 75 Resp: 19340

Ion Ratio Lower Upper

75 100

77 34.7 25.5 38.3

110 3.2 33.4 50.2#

