

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045481.D
 Acq On : 01 Nov 2021 11:37
 Operator : SY/MD
 Sample : VU1101WBL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:34:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

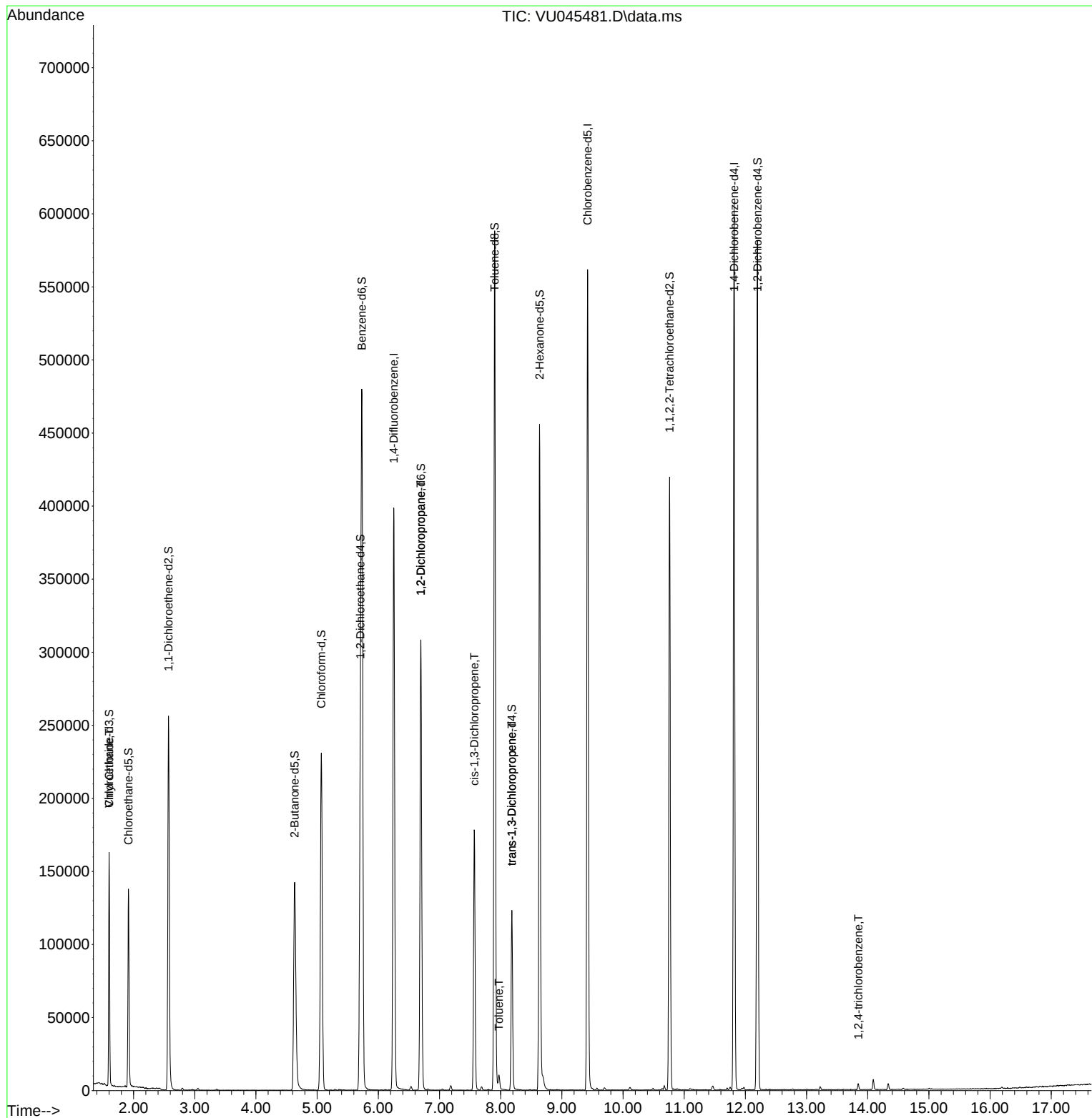
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	318069	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	304853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	150503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110028	42.501	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.000%	
7) Chloroethane-d5	1.916	69	97481	46.987	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.980%	
11) 1,1-Dichloroethene-d2	2.572	63	153208	33.323	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.640%	
21) 2-Butanone-d5	4.633	46	226988	104.773	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.770%	
24) Chloroform-d	5.070	84	211304	45.496	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.707	65	146366	47.657	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.320%	
32) Benzene-d6	5.732	84	434898	46.162	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.320%	
36) 1,2-Dichloropropane-d6	6.697	67	143801	47.154	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.300%	
41) Toluene-d8	7.903	98	380271	46.269	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.540%	
43) trans-1,3-Dichloroprop...	8.182	79	67627	47.199	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.400%	
47) 2-Hexanone-d5	8.636	63	157859	96.975	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.980%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212044	46.334	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.660%	
66) 1,2-Dichlorobenzene-d4	12.198	152	144156	47.344	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.680%	
Target Compounds						
8) Chloroethane	1.601	64	1619	0.859	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	15564	5.544	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	4321	1.006	ug/L #	74
42) Toluene	7.973	91	6460	0.587	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	2912	0.719	ug/L #	75
70) 1,2,4-trichlorobenzene	13.844	180	1617	0.488	ug/L #	87

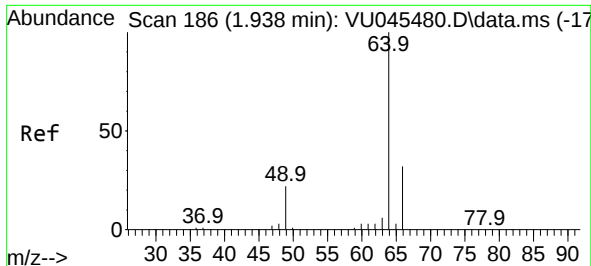
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 02 02:33:37 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.859 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.338 min

Lab File: VU045481.D

Acq: 01 Nov 2021 11:37

Instrument :

MSVOA_U

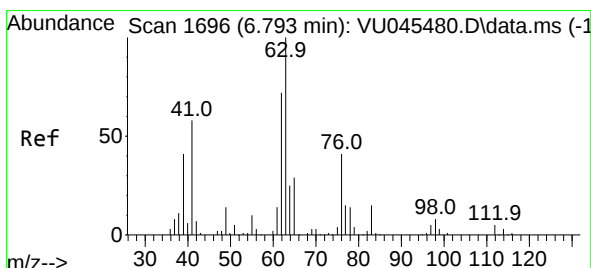
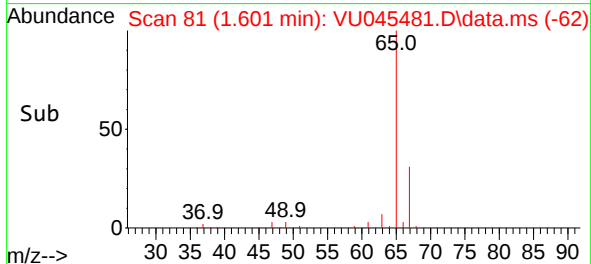
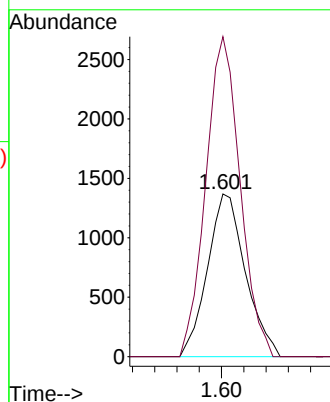
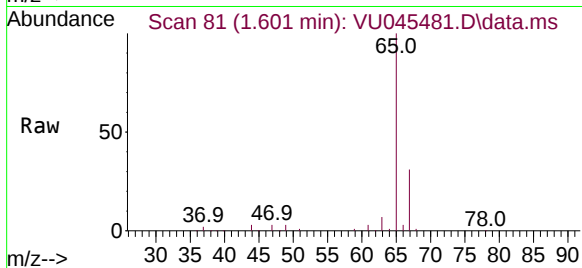
ClientSampleId :

Tgt Ion: 64 Resp: 1619

Ion Ratio Lower Upper

64 100

66 196.6 23.2 43.2#



#37

1,2-Dichloropropane

Concen: 5.544 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU045481.D

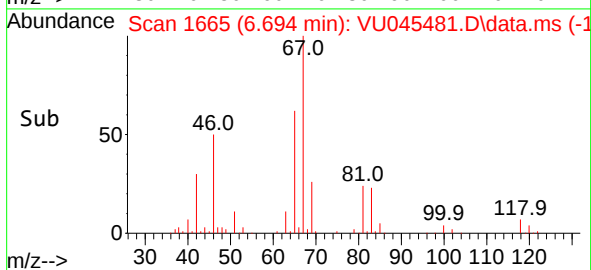
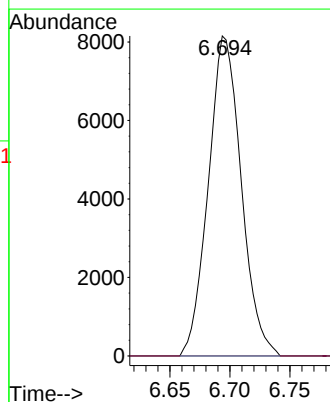
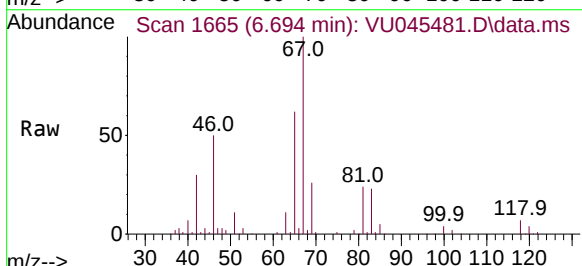
Acq: 01 Nov 2021 11:37

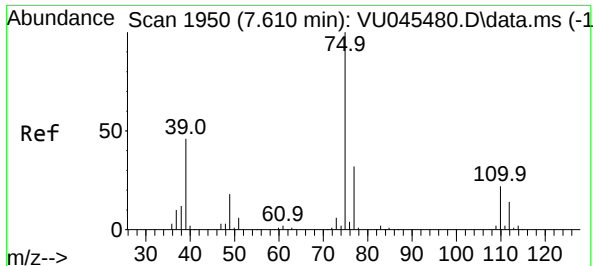
Tgt Ion: 63 Resp: 15564

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.006 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU045481.D

Acq: 01 Nov 2021 11:37

Instrument :

MSVOA_U

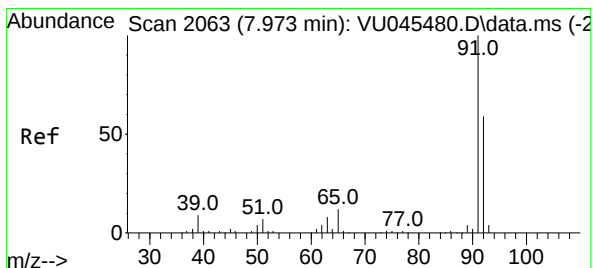
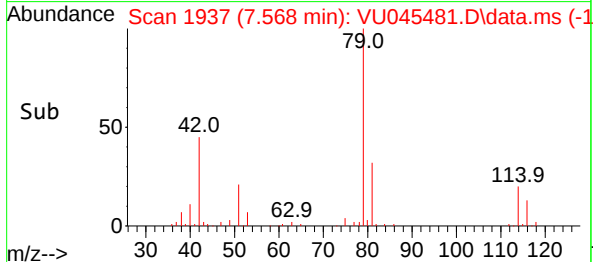
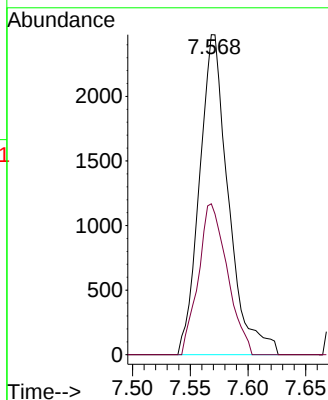
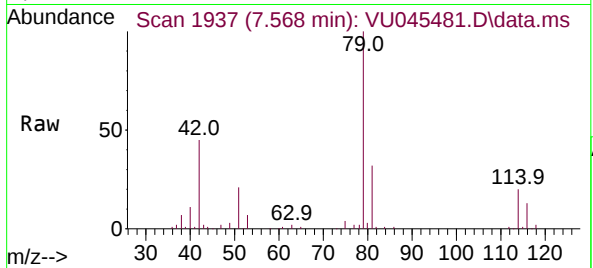
ClientSampleId :

Tgt Ion: 75 Resp: 4321

Ion Ratio Lower Upper

75 100

77 47.2 22.7 42.1#



#42

Toluene

Concen: 0.587 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045481.D

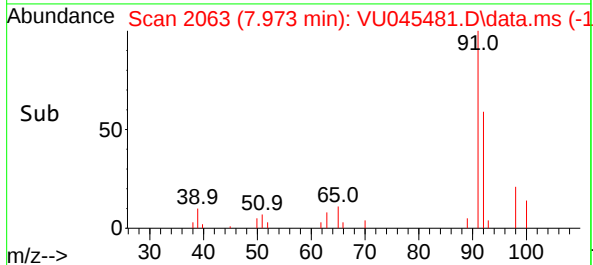
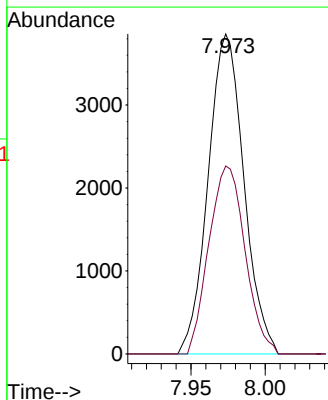
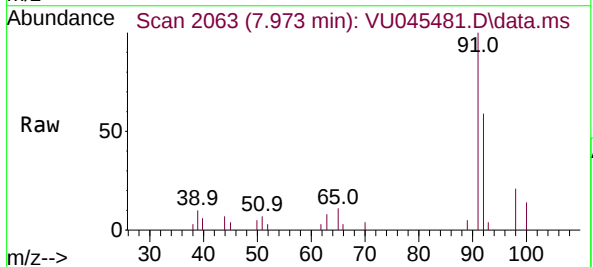
Acq: 01 Nov 2021 11:37

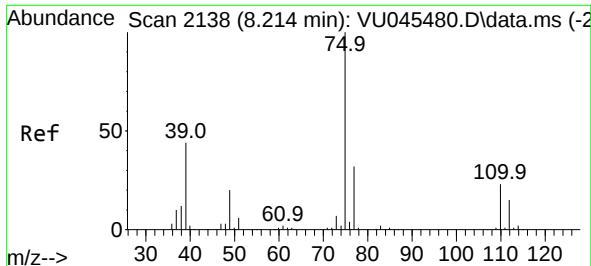
Tgt Ion: 91 Resp: 6460

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7

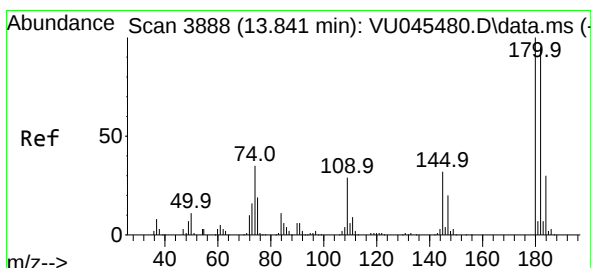
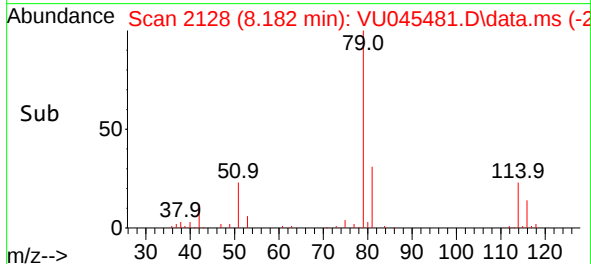
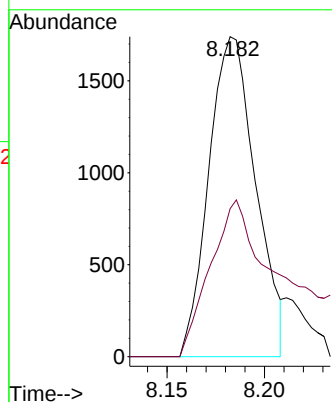
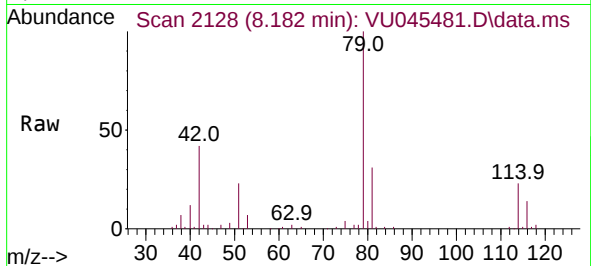




#44
trans-1,3-Dichloropropene
Concen: 0.719 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU045481.D
Acq: 01 Nov 2021 11:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
77 46.3 22.7 42.1#



#70
1,2,4-trichlorobenzene
Concen: 0.488 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045481.D
Acq: 01 Nov 2021 11:37

Tgt Ion:180 Resp: 1617
Ion Ratio Lower Upper
180 100
182 83.2 76.1 114.1
145 23.9 25.3 37.9#

