

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031493.D
 Acq On : 22 Dec 2024 06:03
 Operator : SY/MD
 Sample : P5322-14
 Misc : 6.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 02:16:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

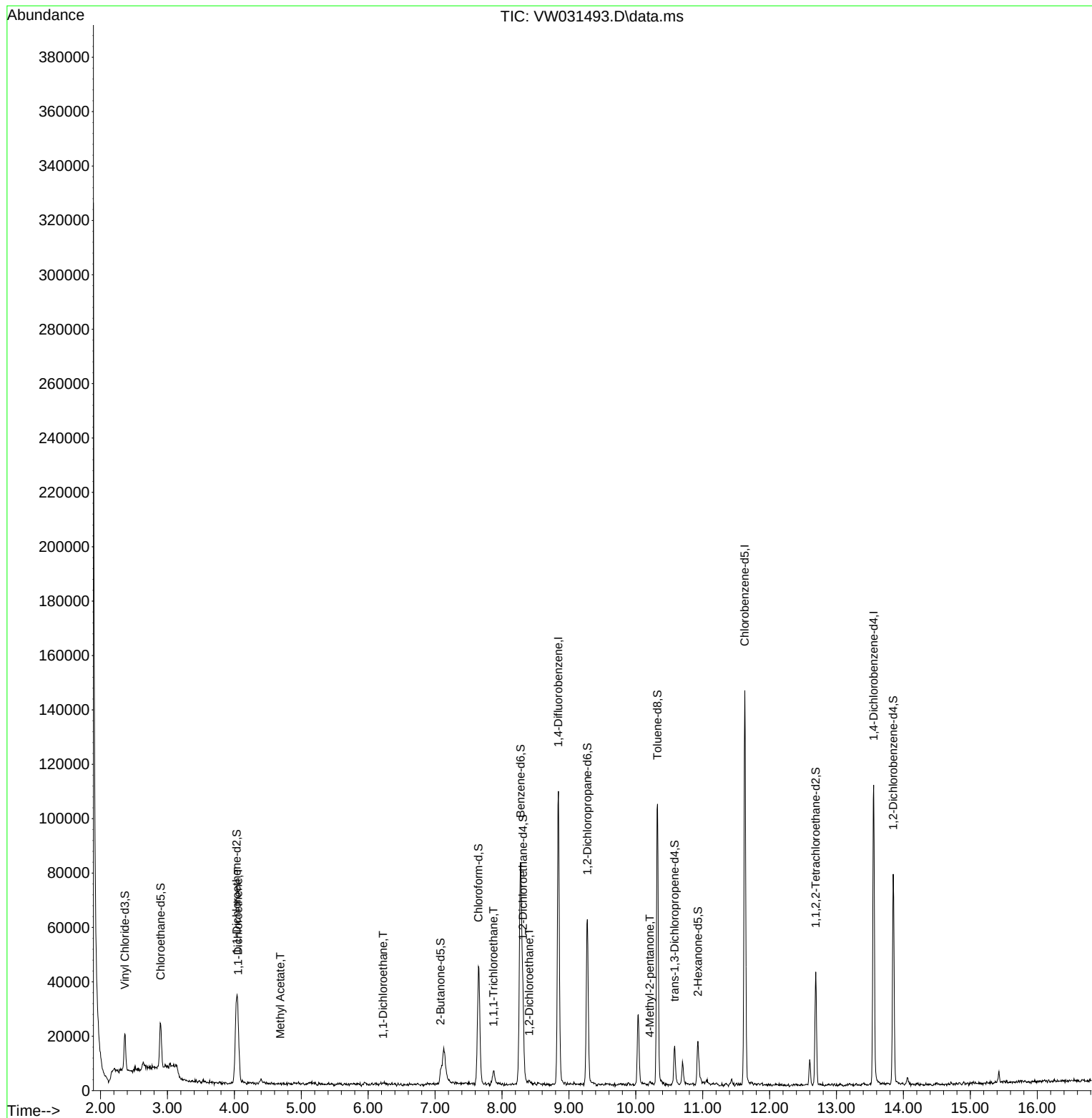
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	89835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	78720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	29741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	14807	10.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.800%
7) Chloroethane-d5	2.899	69	17897	17.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.033	65	7016	10.943	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.760%#
21) 2-Butanone-d5	7.081	46	10351	40.663	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.320%
24) Chloroform-d	7.648	84	44334	18.012	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.040%
26) 1,2-Dichloroethane-d4	8.313	65	26643	21.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	8.276	84	84680	16.783	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.120%
36) 1,2-Dichloropropane-d6	9.276	67	27711	18.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.360%
41) Toluene-d8	10.325	98	69249	14.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.000%
43) trans-1,3-Dichloroprop...	10.581	79	7409	10.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.720%
47) 2-Hexanone-d5	10.928	63	5777	29.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19615	21.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	19226	17.413	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.640%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.057	96	10500	9.534	ug/L #	81
15) Methyl Acetate	4.685	43	159	0.395	ug/L #	52
19) 1,1-Dichloroethane	6.222	63	923	0.416	ug/L #	81
27) 1,2-Dichloroethane	8.404	62	607	0.441	ug/L #	75
30) 1,1,1-Trichloroethane	7.874	97	3568	1.754	ug/L #	88
40) 4-Methyl-2-pentanone	10.209	43	771	1.197	ug/L #	71

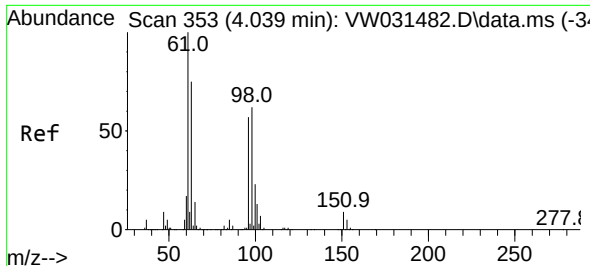
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 23 01:56:19 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 9.534 ug/L

RT: 4.057 min Scan# 31

Delta R.T. 0.018 min

Lab File: VW031493.D

Acq: 22 Dec 2024 06:03

Instrument :

MSVOA_W

ClientSampleId :

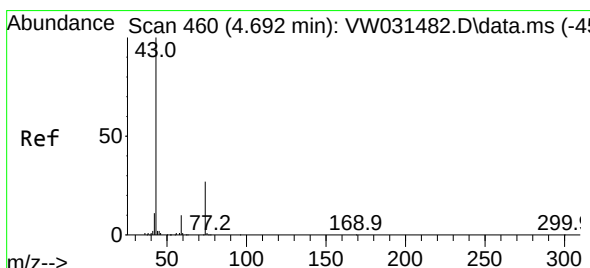
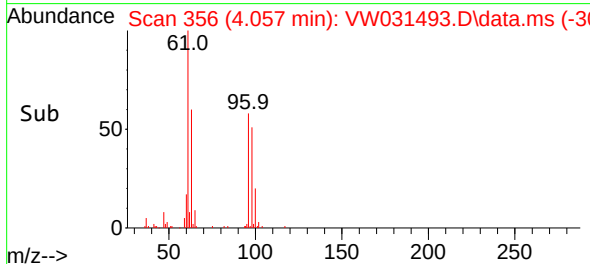
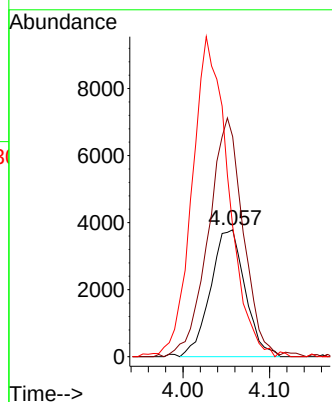
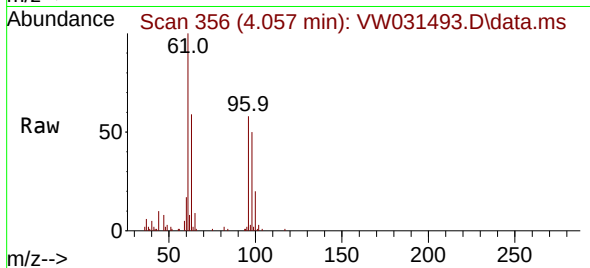
Tgt Ion: 96 Resp: 10500

Ion Ratio Lower Upper

96 100

61 173.3 125.3 232.7

63 102.6 104.6 194.2#



#15

Methyl Acetate

Concen: 0.395 ug/L

RT: 4.685 min Scan# 459

Delta R.T. -0.006 min

Lab File: VW031493.D

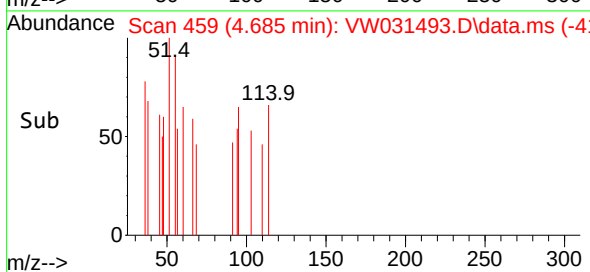
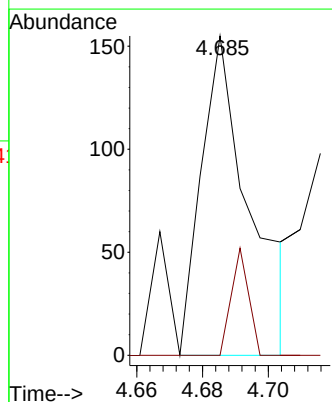
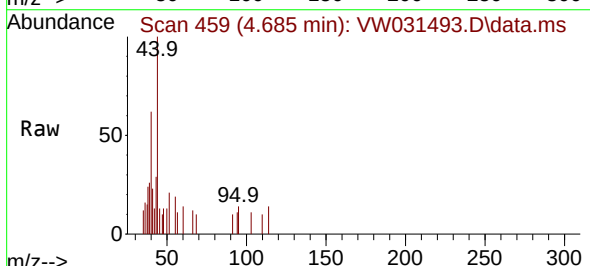
Acq: 22 Dec 2024 06:03

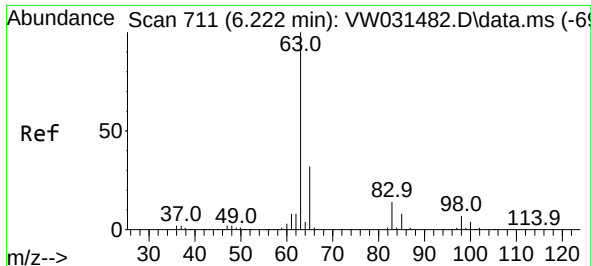
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#





#19

1,1-Dichloroethane

Concen: 0.416 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW031493.D

Acq: 22 Dec 2024 06:03

Instrument :

MSVOA_W

ClientSampleId :

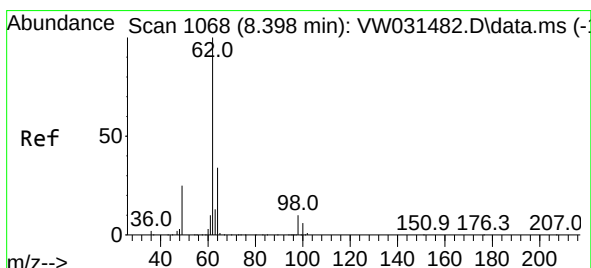
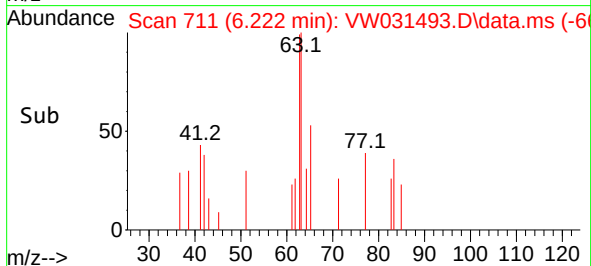
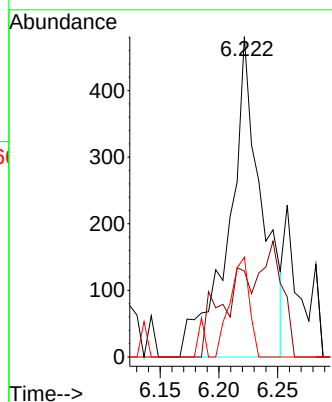
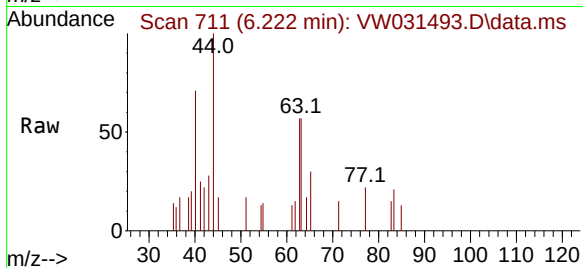
Tgt Ion: 63 Resp: 923

Ion Ratio Lower Upper

63 100

65 26.8 21.9 40.7

83 31.2 9.3 17.3#



#27

1,2-Dichloroethane

Concen: 0.441 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031493.D

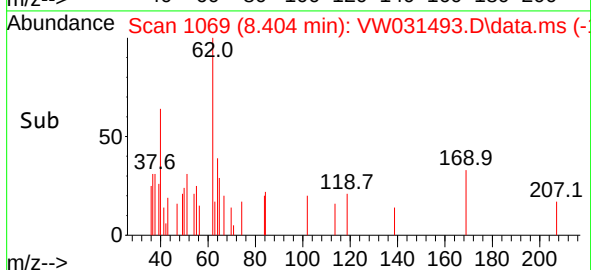
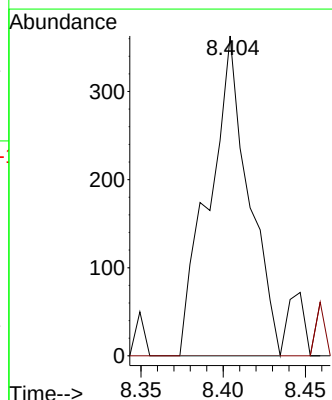
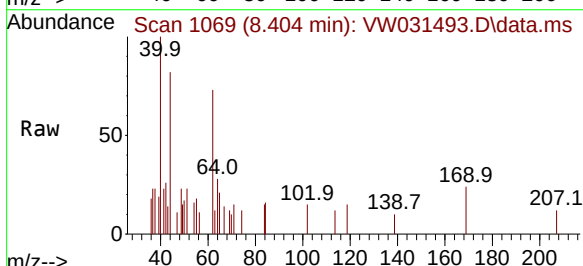
Acq: 22 Dec 2024 06:03

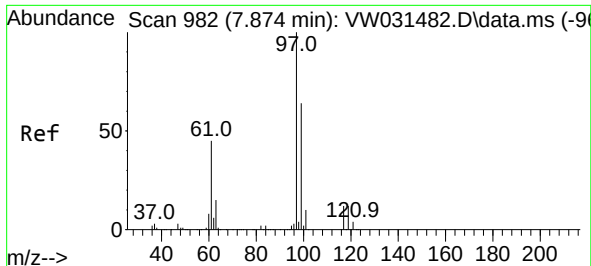
Tgt Ion: 62 Resp: 607

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#30

1,1,1-Trichloroethane

Concen: 1.754 ug/L

RT: 7.874 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW031493.D

Acq: 22 Dec 2024 06:03

Instrument :

MSVOA_W

ClientSampleId :

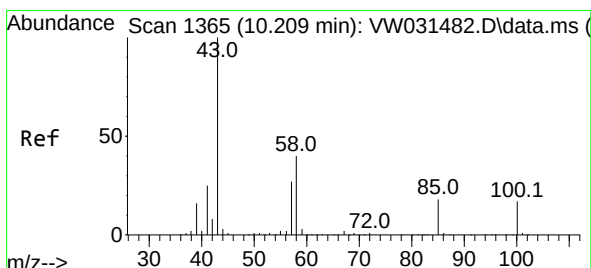
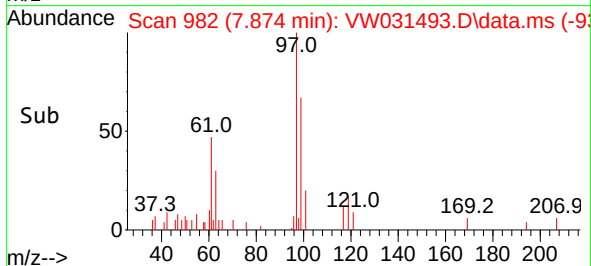
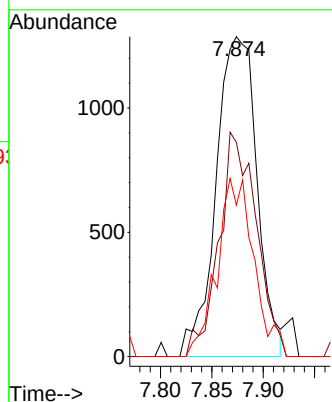
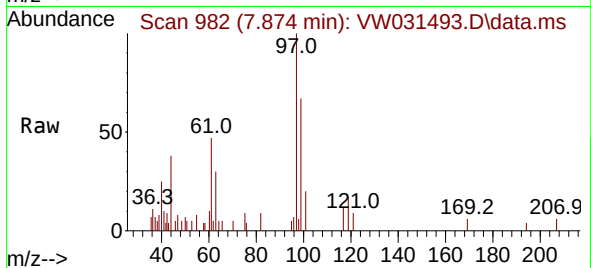
Tgt Ion: 97 Resp: 3568

Ion Ratio Lower Upper

97 100

99 62.2 51.1 76.7

61 28.7 36.3 54.5#



#40

4-Methyl-2-pentanone

Concen: 1.197 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031493.D

Acq: 22 Dec 2024 06:03

Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

58 23.2 31.1 46.7#

100 0.0 13.0 19.6#

