

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052124\
 Data File : VW035650.D
 Acq On : 21 May 2024 19:53
 Operator : SY/MD
 Sample : P2547-10
 Misc : 5.37g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:39:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

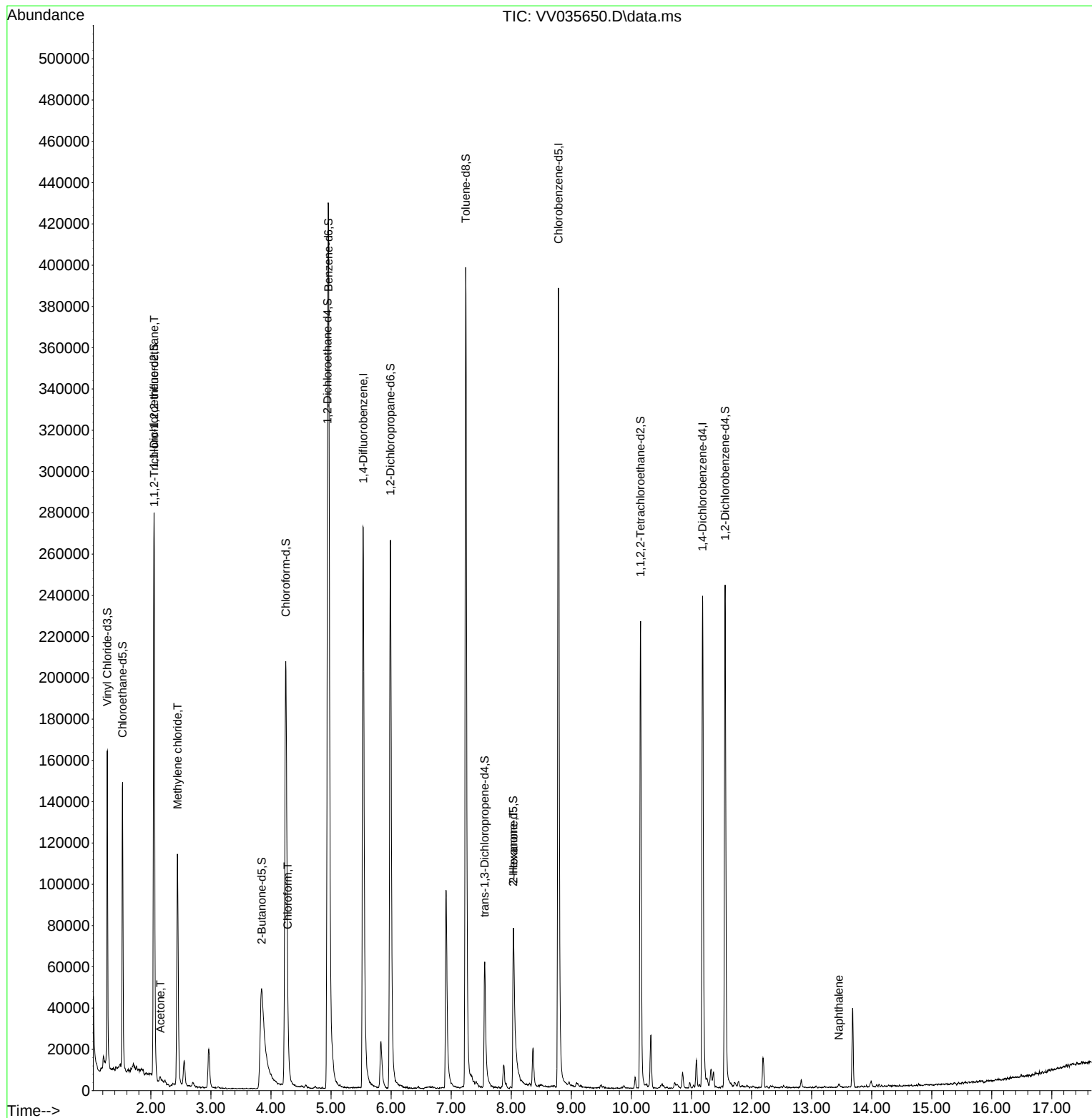
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	252928	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67542	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	102242	26.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
7) Chloroethane-d5	1.529	69	92352	29.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.120%	
11) 1,1-Dichloroethene-d2	2.053	65	46452	26.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.360%	
21) 2-Butanone-d5	3.844	46	14222	12.819	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 25.640%	
24) Chloroform-d	4.246	84	233669	31.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.320%	
26) 1,2-Dichloroethane-d4	4.941	65	123642	33.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 133.040%#	
32) Benzene-d6	4.957	84	393957	31.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.200%	
36) 1,2-Dichloropropane-d6	5.989	67	142354	37.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 148.920%#	
41) Toluene-d8	7.243	98	280266	25.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.680%	
43) trans-1,3-Dichloroprop...	7.558	79	42759	26.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.600%	
47) 2-Hexanone-d5	8.034	63	31370	45.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.260%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112856	30.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 122.520%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	68237	29.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 116.440%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1700	0.387	ug/L #	40
13) Acetone	2.159	43	3059	1.884	ug/L	77
16) Methylene chloride	2.442	84	51144	8.769	ug/L	97
25) Chloroform	4.278	83	4523	0.530	ug/L	91
48) 2-Hexanone	8.037	43	3826	2.180	ug/L #	70
71) Naphthalene	13.455	128	1631	0.302	ug/L #	88

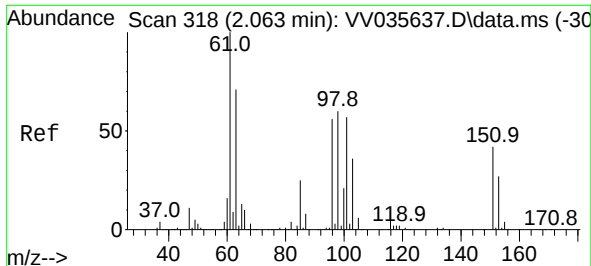
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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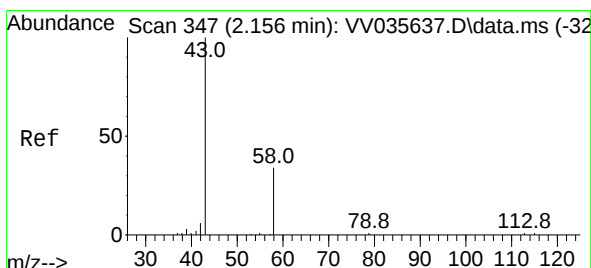
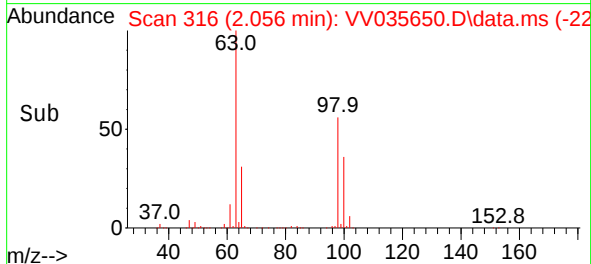
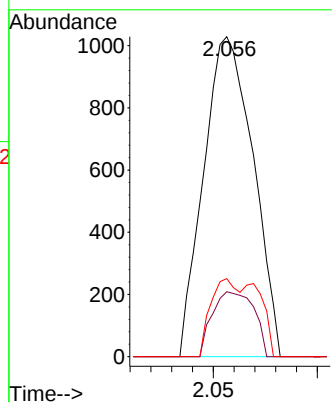
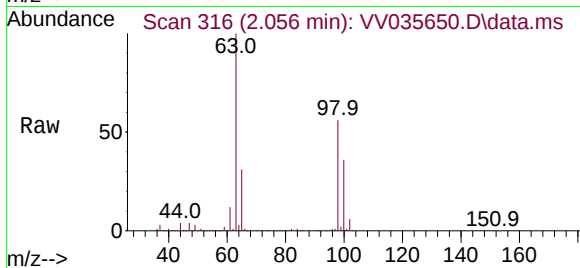




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.387 ug/L
RT: 2.056 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV035650.D
Acq: 21 May 2024 19:53

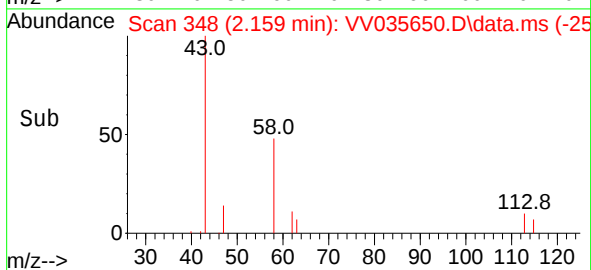
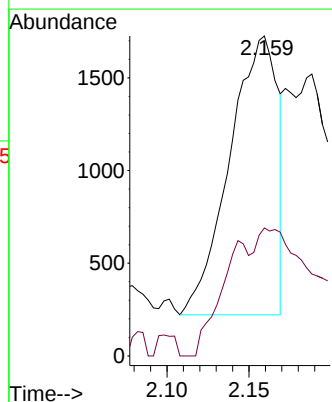
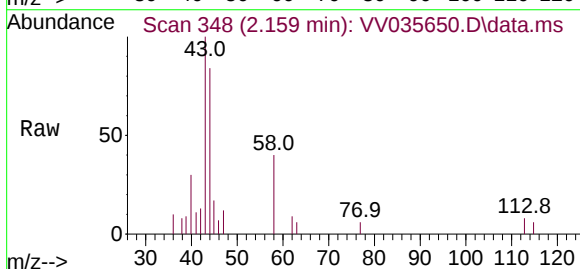
Instrument :
MSVOA_V
ClientSampleId :

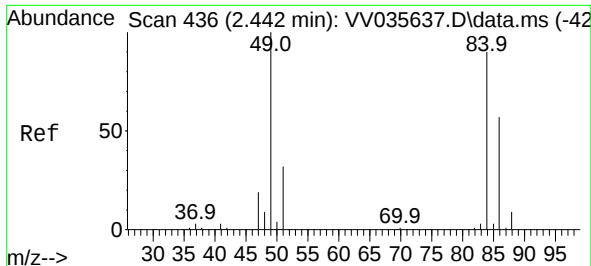
Tgt Ion:101 Resp: 1700
Ion Ratio Lower Upper
101 100
85 17.0 34.2 51.4#
151 14.1 59.5 89.3#



#13
Acetone
Concen: 1.884 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV035650.D
Acq: 21 May 2024 19:53

Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
58 2.5 0.0 22.8

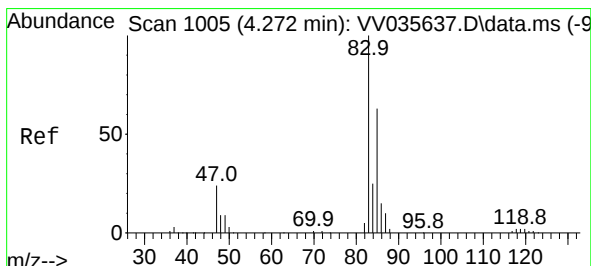
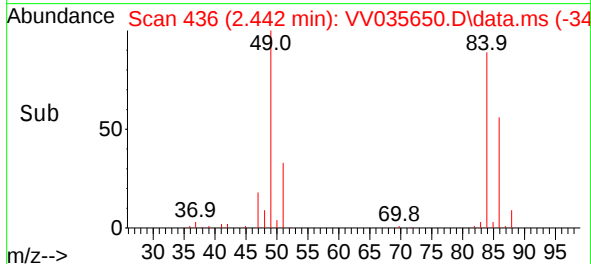
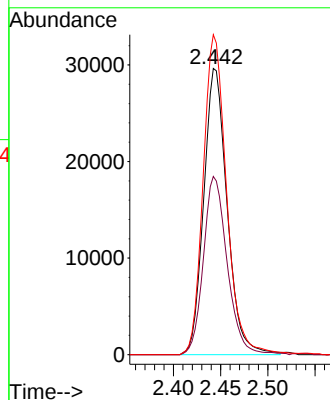
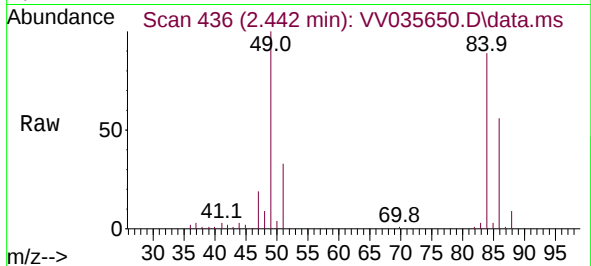




#16
Methylene chloride
Concen: 8.769 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035650.D
Acq: 21 May 2024 19:53

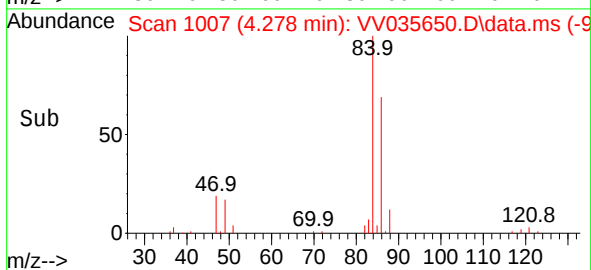
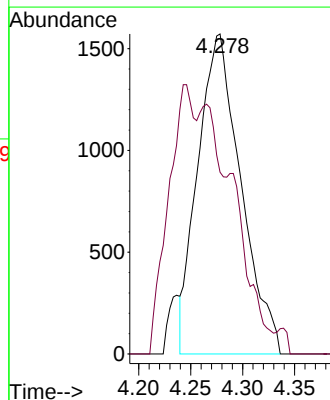
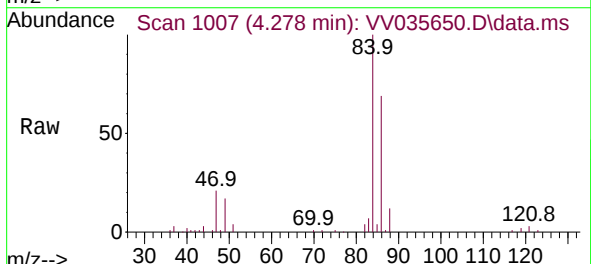
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MSVOA_V
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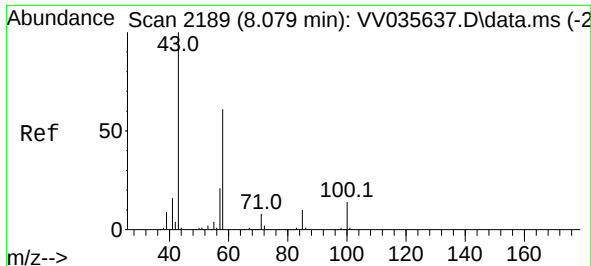
Tgt Ion: 84 Resp: 51144
Ion Ratio Lower Upper
84 100
86 62.3 43.8 81.3
49 111.8 75.3 139.9



#25
Chloroform
Concen: 0.530 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VV035650.D
Acq: 21 May 2024 19:53

Tgt Ion: 83 Resp: 4523
Ion Ratio Lower Upper
83 100
85 56.8 44.7 82.9





#48

2-Hexanone

Concen: 2.180 ug/L

RT: 8.037 min Scan# 2189

Delta R.T. -0.042 min

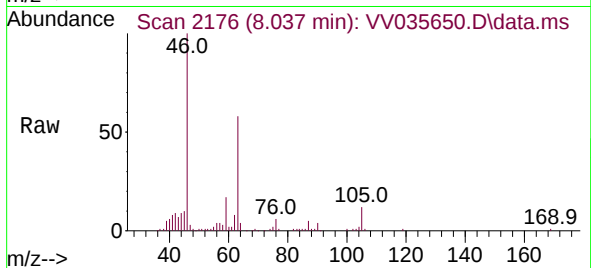
Lab File: VV035650.D

Acq: 21 May 2024 19:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3826

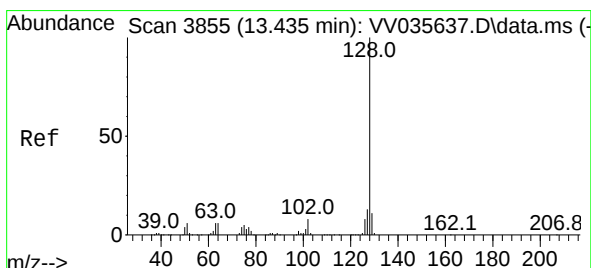
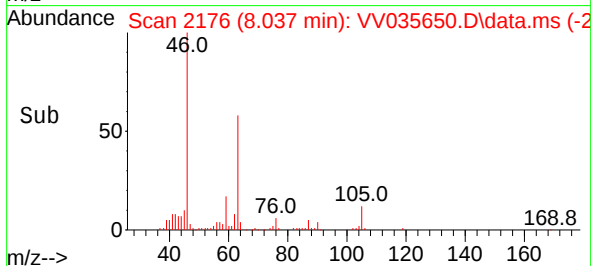
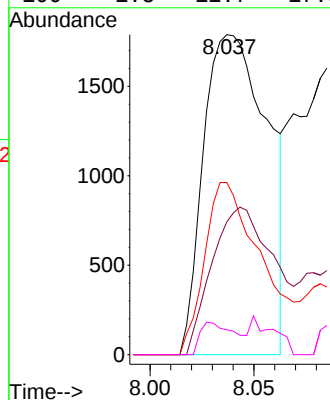
Ion Ratio Lower Upper

43 100

58 45.1 48.8 73.2#

57 47.7 16.9 25.3#

100 1.8 11.7 17.5#



#71

Naphthalene

Concen: 0.302 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV035650.D

Acq: 21 May 2024 19:53

Tgt Ion: 128 Resp: 1631

Ion Ratio Lower Upper

128 100

127 8.7 10.4 15.6#

129 5.5 8.6 13.0#

