

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077629.D
 Acq On : 18 Nov 2023 14:24
 Operator : JC/SY
 Sample : 05459-08
 Misc : 5.84G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

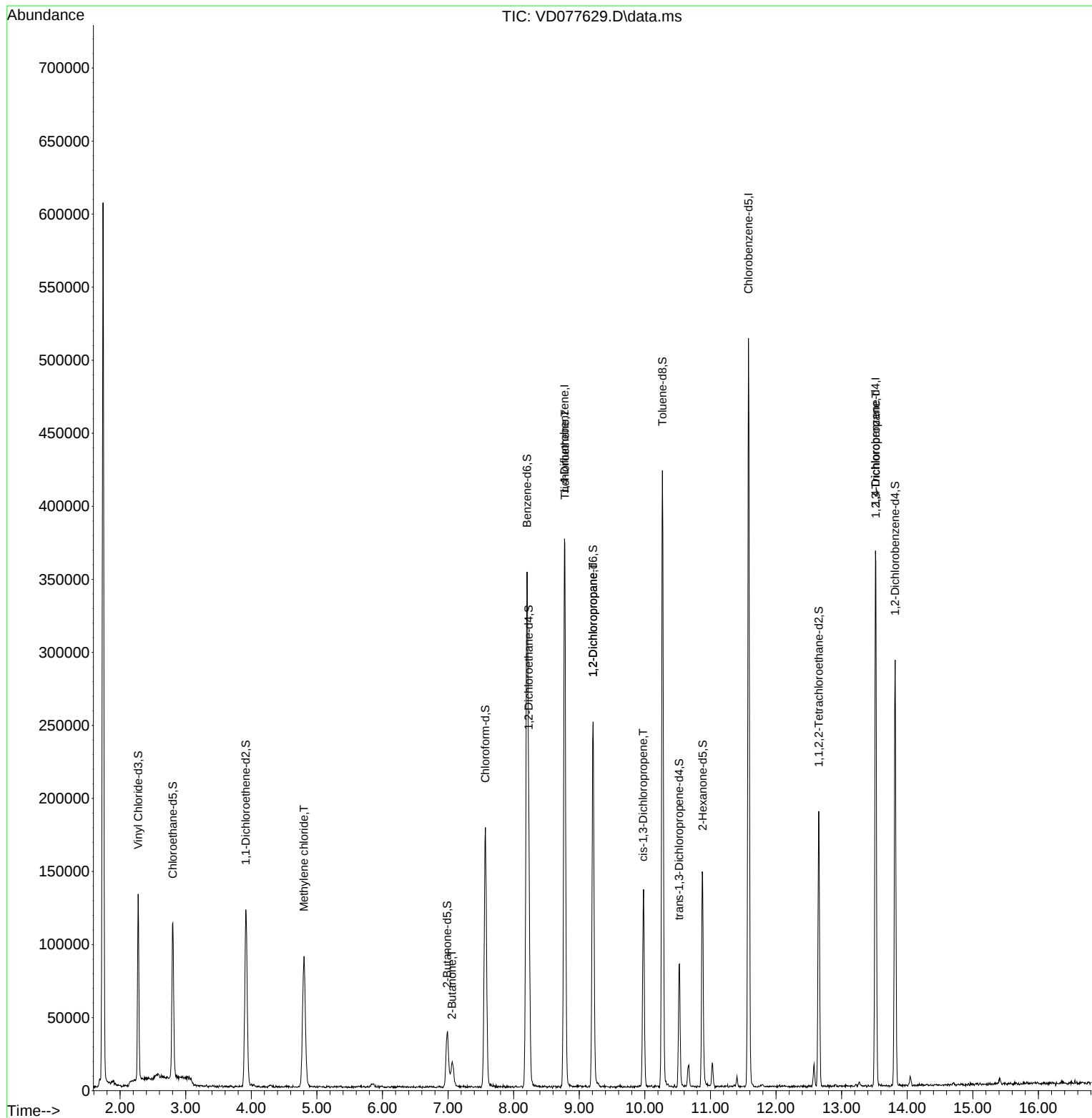
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	315297	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	115673	14.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.680%
7) Chloroethane-d5	2.805	69	110890	17.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	3.916	65	36451	14.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.800%
21) 2-Butanone-d5	6.987	46	68279	49.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
24) Chloroform-d	7.569	84	181743	19.954	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	8.228	65	108136	22.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.280%
32) Benzene-d6	8.204	84	346349	19.700	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	9.210	67	125586	21.929	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	10.269	98	284715	17.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.680%
43) trans-1,3-Dichloroprop...	10.522	79	47699	19.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.280%
47) 2-Hexanone-d5	10.881	63	51274	50.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96543	25.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	73796	22.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.240%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.805	84	61354	11.525	ug/L	95
22) 2-Butanone	7.057	43	2834	1.614	ug/L #	49
34) Trichloroethene	8.781	95	9623	2.067	ug/L #	10
37) 1,2-Dichloropropane	9.210	63	13897	2.661	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	3794	0.473	ug/L	90
61) 1,2,3-Trichloropropane	13.522	75	12561	6.342	ug/L #	65

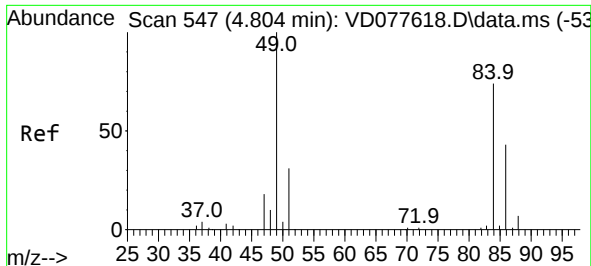
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration

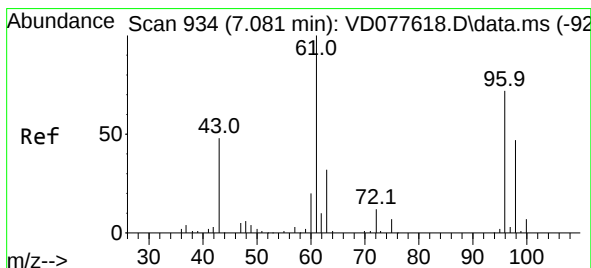
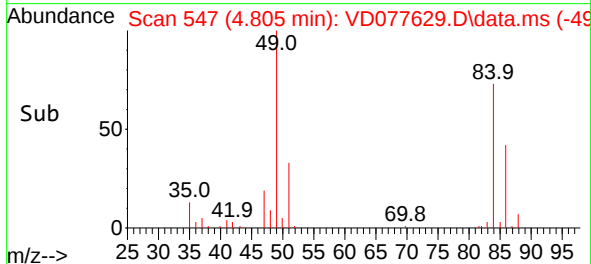
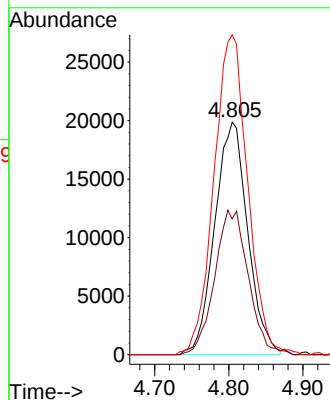
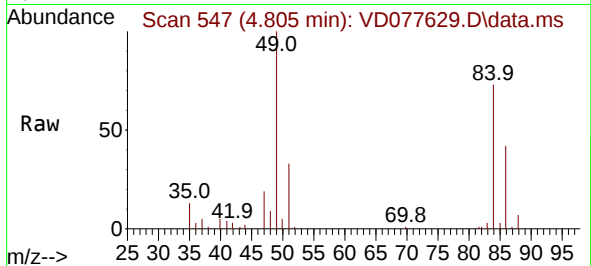




#16
Methylene chloride
Concen: 11.525 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077629.D
Acq: 18 Nov 2023 14:24

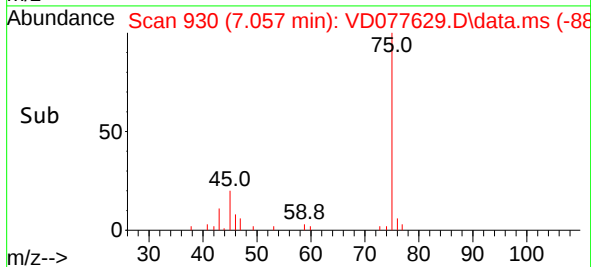
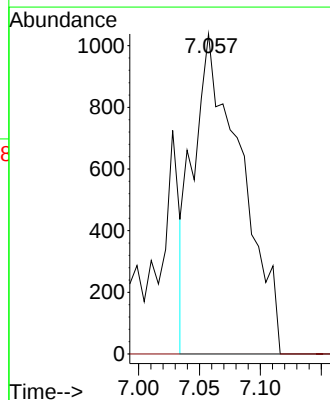
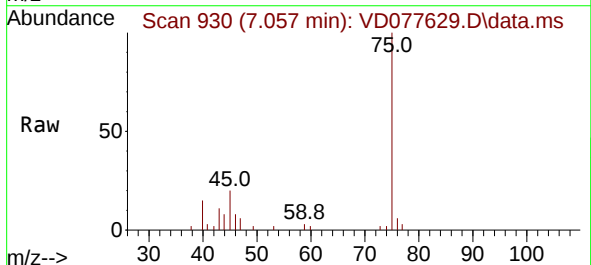
Instrument :
MSVOA_D
ClientSampleId :

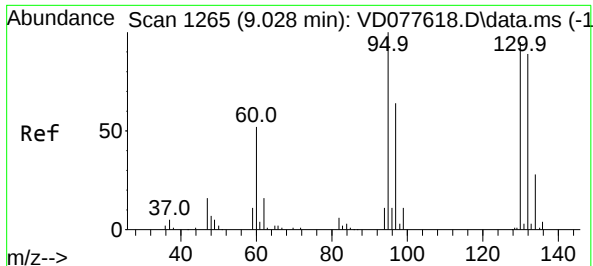
Tgt Ion: 84 Resp: 61354
Ion Ratio Lower Upper
84 100
86 58.3 46.5 86.5
49 137.5 98.3 182.7



#22
2-Butanone
Concen: 1.614 ug/L
RT: 7.057 min Scan# 930
Delta R.T. -0.023 min
Lab File: VD077629.D
Acq: 18 Nov 2023 14:24

Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
72 0.0 12.8 38.4#

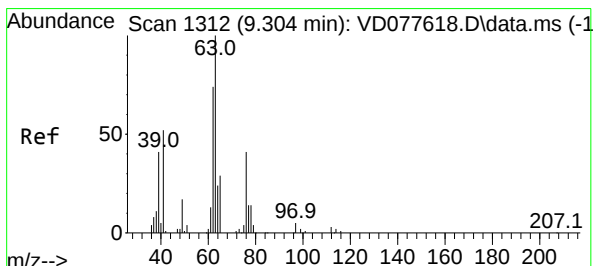
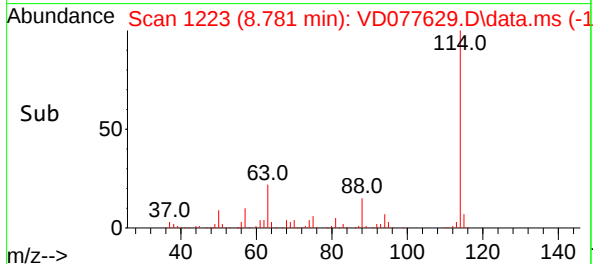
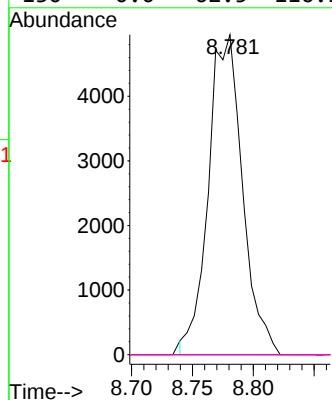
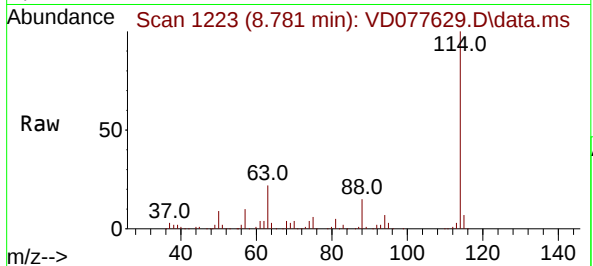




#34
Trichloroethene
Concen: 2.067 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077629.D
Acq: 18 Nov 2023 14:24

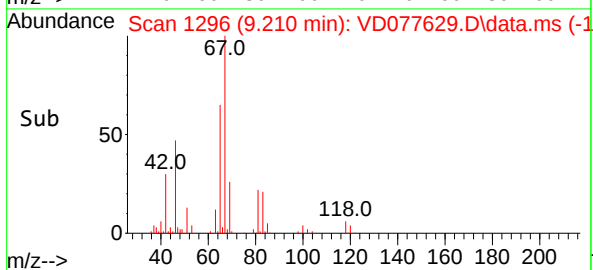
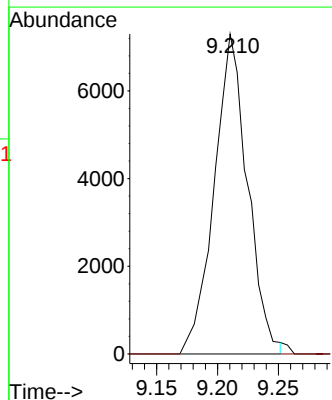
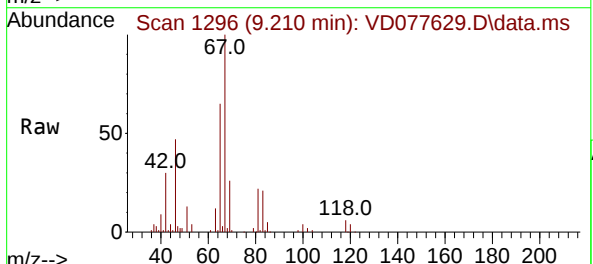
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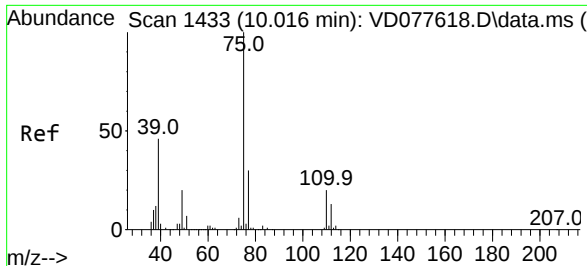
Tgt Ion: 95 Resp: 9623
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#



#37
1,2-Dichloropropane
Concen: 2.661 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077629.D
Acq: 18 Nov 2023 14:24

Tgt Ion: 63 Resp: 13897
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

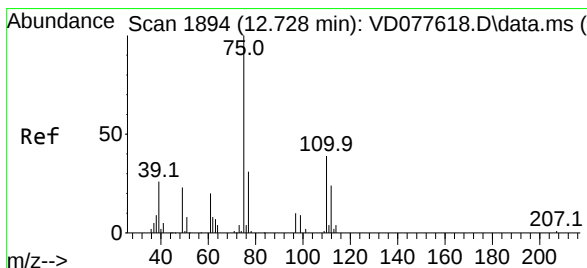
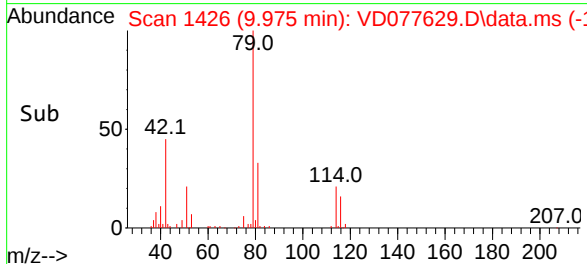
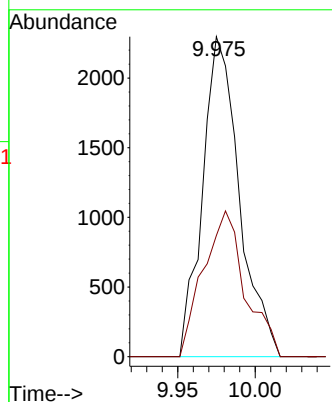
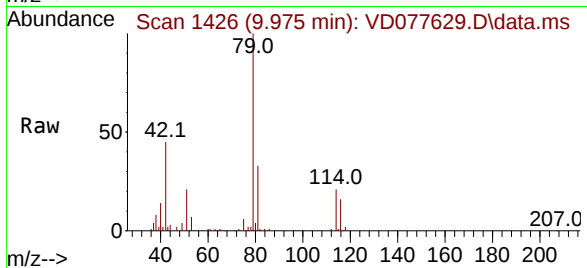




#39
 cis-1,3-Dichloropropene
 Concen: 0.473 ug/L
 RT: 9.975 min Scan# 1433
 Delta R.T. -0.041 min
 Lab File: VD077629.D
 Acq: 18 Nov 2023 14:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 3794
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.5 41.9



#61
 1,2,3-Trichloropropane
 Concen: 6.342 ug/L
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.794 min
 Lab File: VD077629.D
 Acq: 18 Nov 2023 14:24

Tgt Ion: 75 Resp: 12561
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.6 38.4
 110 0.0 29.6 44.4#

