

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021286.D
 Acq On : 10 Dec 2021 15:48
 Operator : SY/VA
 Sample : M4883-23
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:09:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

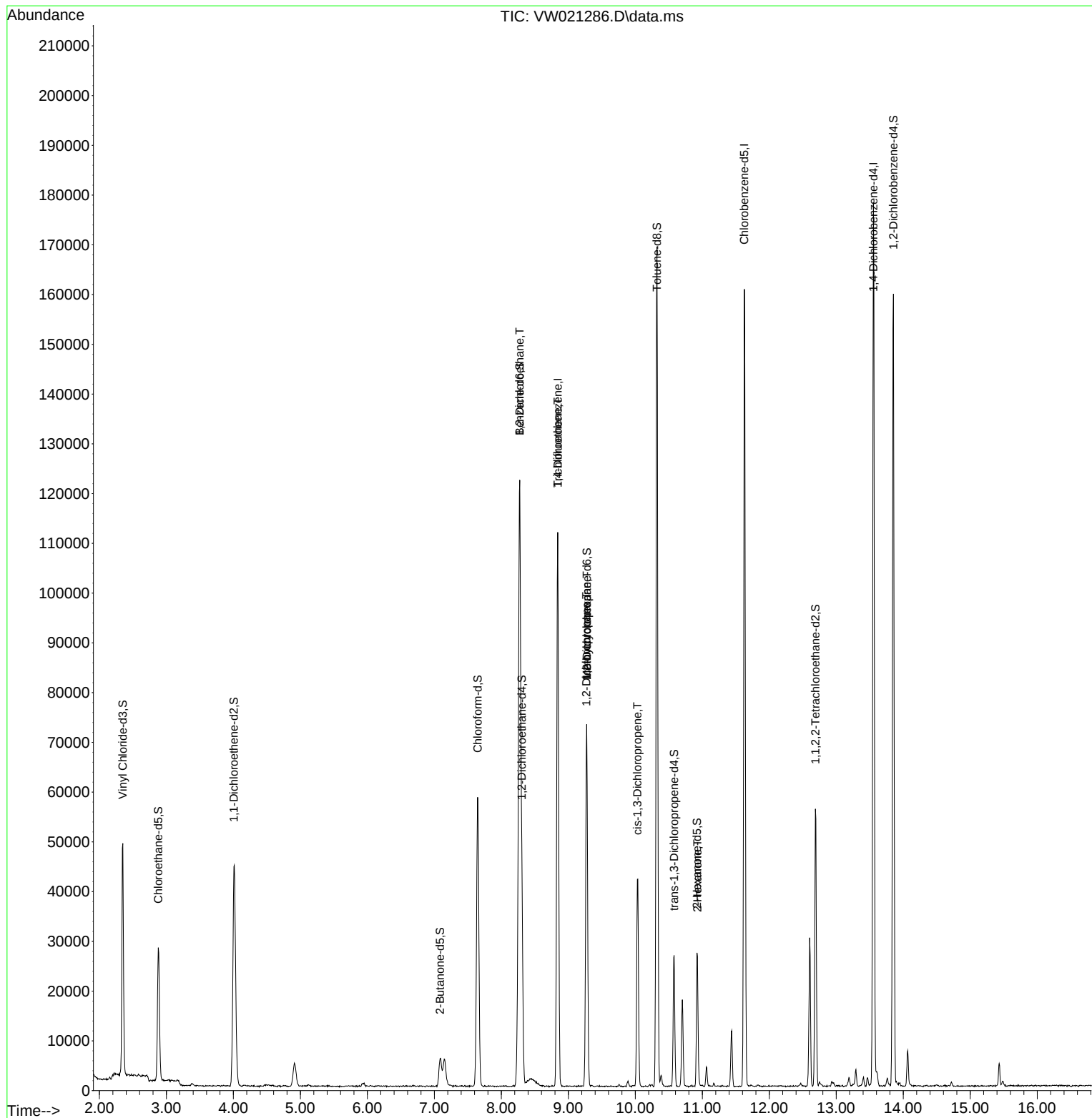
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96067	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	87485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46099	26.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.400%
7) Chloroethane-d5	2.879	69	31202	26.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.920%
11) 1,1-Dichloroethene-d2	4.007	63	41628	17.846	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.400%
21) 2-Butanone-d5	7.086	46	10787	43.738	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.480%
24) Chloroform-d	7.647	84	57402	21.441	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.760%
26) 1,2-Dichloroethane-d4	8.305	65	30575	21.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.880%
32) Benzene-d6	8.275	84	114364	23.849	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.275	67	30328	23.582	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	111804	22.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	10.579	79	13731	23.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.921	63	9006	47.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25349	22.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	42380	22.993	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.275	62	766	0.515	ug/L #	77
34) Trichloroethene	8.842	95	2733	2.043	ug/L #	5
35) Methylcyclohexane	9.275	83	8232	3.730	ug/L #	14
37) 1,2-Dichloropropane	9.268	63	4035	3.796	ug/L #	88
39) cis-1,3-Dichloropropene	10.031	75	1323	0.790	ug/L #	81
48) 2-Hexanone	10.927	43	1224	2.914	ug/L #	70

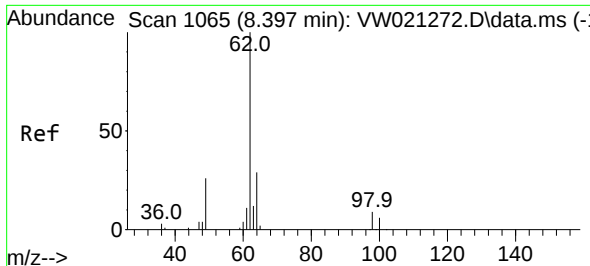
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.515 ug/L

RT: 8.275 min Scan# 110

Delta R.T. -0.122 min

Lab File: VW021286.D

Acq: 10 Dec 2021 15:48

Instrument :

MSVOA_W

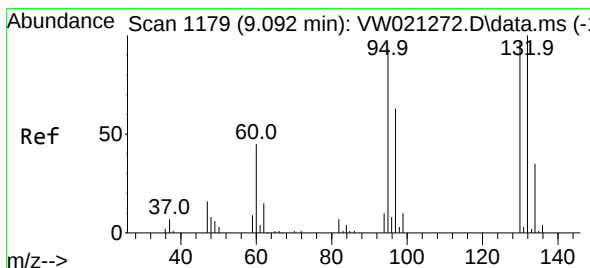
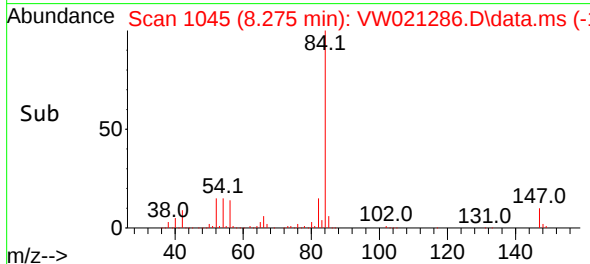
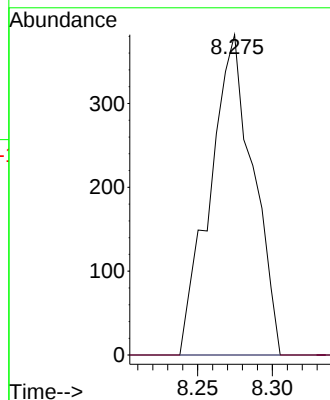
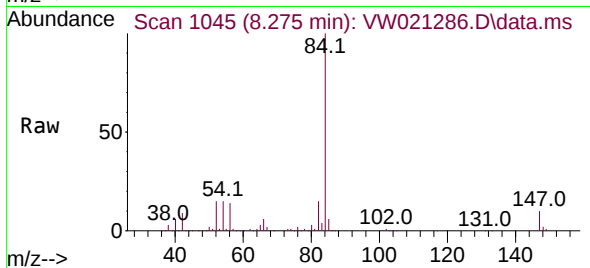
ClientSampleId :

Tgt Ion: 62 Resp: 766

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.043 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021286.D

Acq: 10 Dec 2021 15:48

Tgt Ion: 95 Resp: 2733

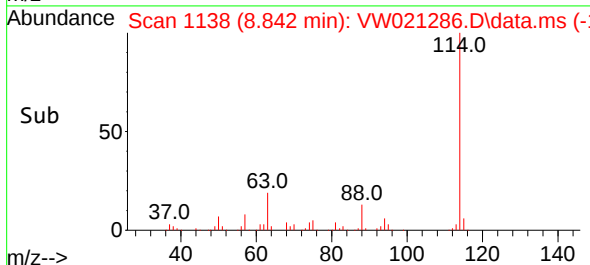
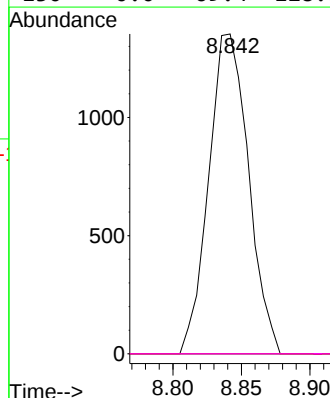
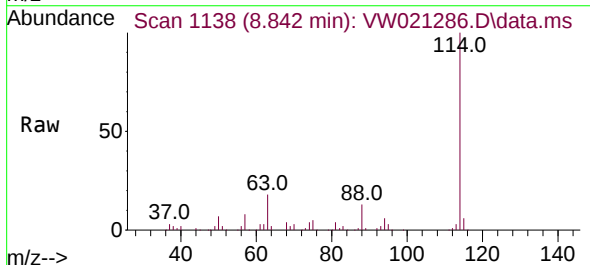
Ion Ratio Lower Upper

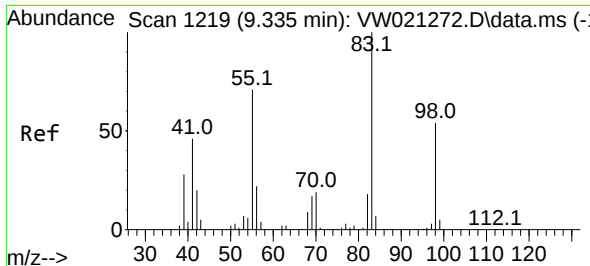
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.730 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021286.D

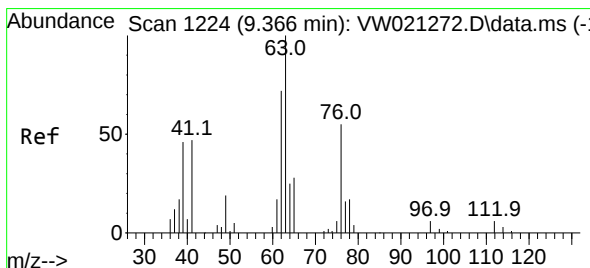
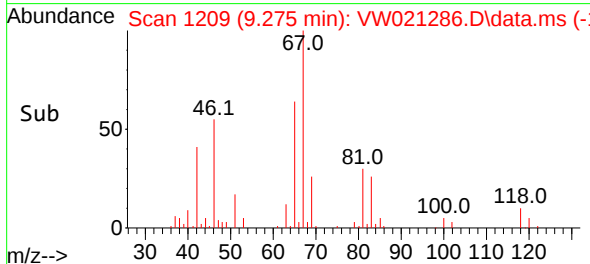
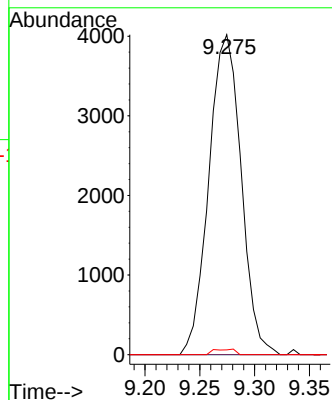
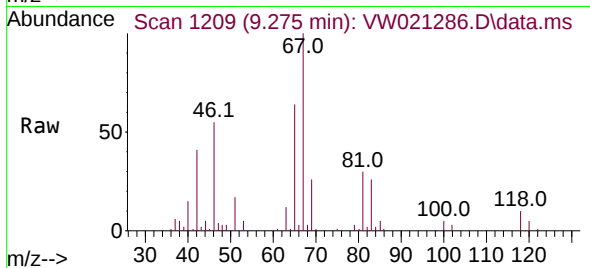
Acq: 10 Dec 2021 15:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	0.6	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 3.796 ug/L

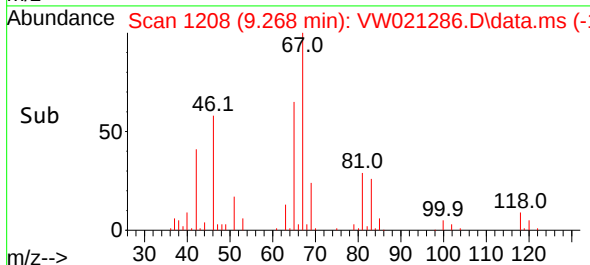
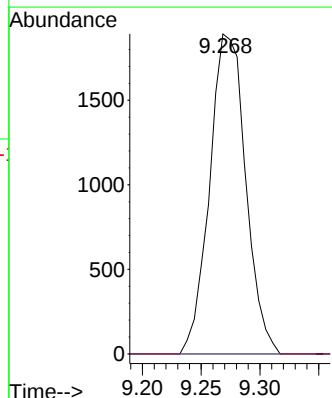
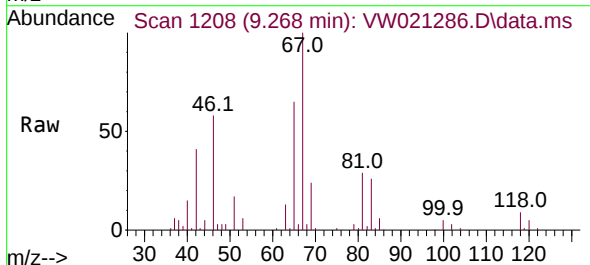
RT: 9.268 min Scan# 1208

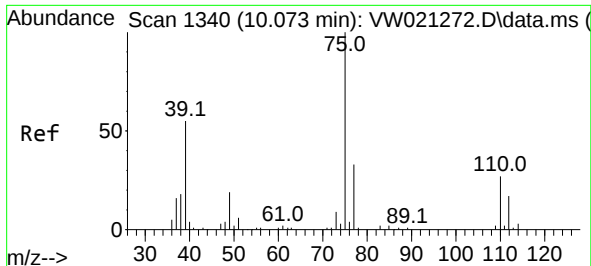
Delta R.T. -0.097 min

Lab File: VW021286.D

Acq: 10 Dec 2021 15:48

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





#39

cis-1,3-Dichloropropene

Concen: 0.790 ug/L

RT: 10.031 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021286.D

Acq: 10 Dec 2021 15:48

Instrument :

MSVOA_W

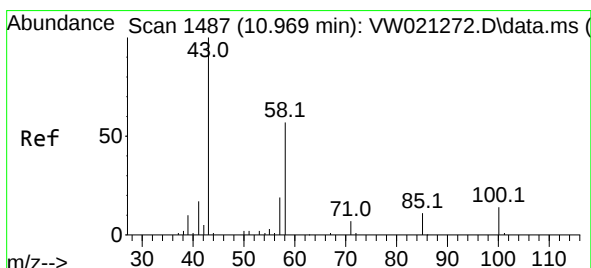
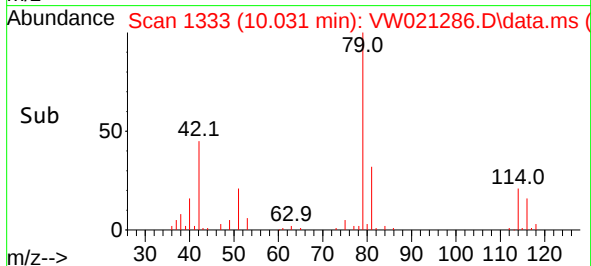
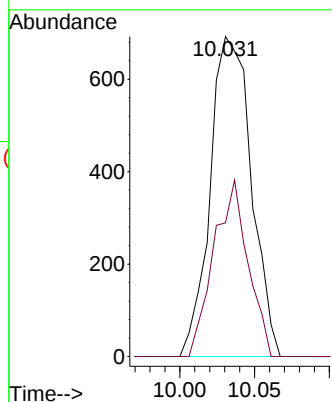
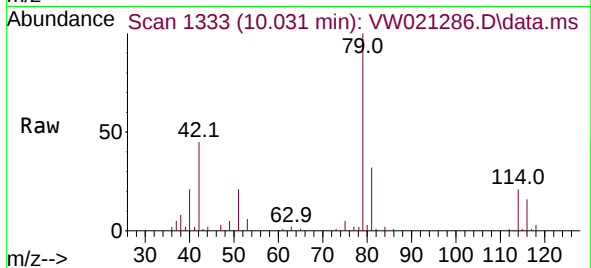
ClientSampleId :

Tgt Ion: 75 Resp: 1323

Ion Ratio Lower Upper

75 100

77 41.8 21.8 40.6#



#48

2-Hexanone

Concen: 2.914 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021286.D

Acq: 10 Dec 2021 15:48

Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 25.6 40.2 60.2#

57 24.3 14.3 21.5#

100 0.0 8.0 12.0#

