

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021552.D
 Acq On : 22 Dec 2021 03:05
 Operator : SY/VA
 Sample : M5194-19
 Misc : 6.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:54:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

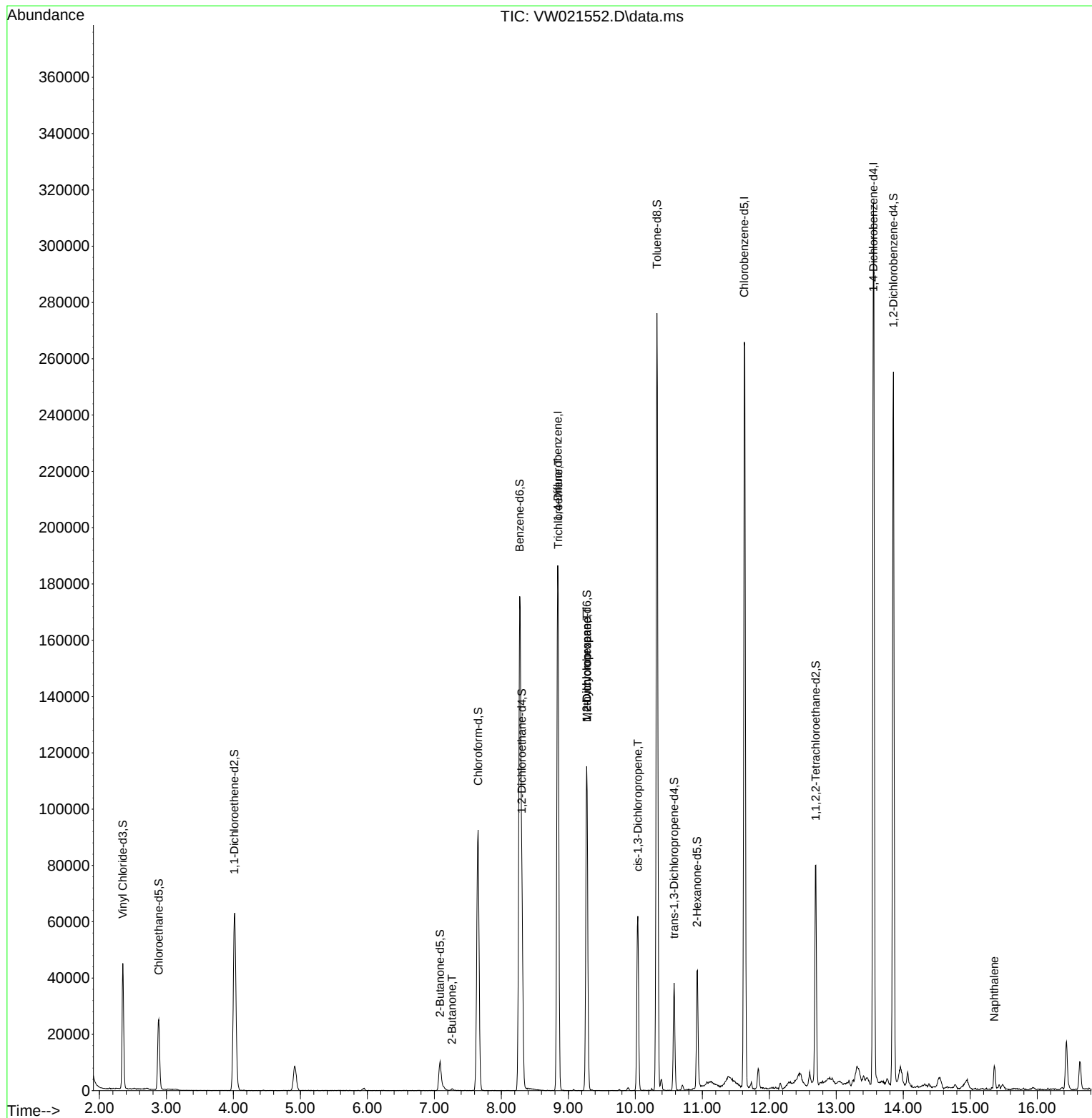
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	167026	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	156783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44006	14.466	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.880%		
7) Chloroethane-d5	2.885	69	28968	14.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.600%		
11) 1,1-Dichloroethene-d2	4.013	63	60668	14.959	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.840%		
21) 2-Butanone-d5	7.086	46	16932	39.487	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.980%		
24) Chloroform-d	7.653	84	93967	20.188	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.760%		
26) 1,2-Dichloroethane-d4	8.305	65	49432	19.965	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.840%		
32) Benzene-d6	8.275	84	180093	20.956	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.840%		
36) 1,2-Dichloropropane-d6	9.275	67	50472	21.899	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.600%		
41) Toluene-d8	10.323	98	180657	20.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.280%		
43) trans-1,3-Dichloroprop...	10.579	79	20159	18.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.000%		
47) 2-Hexanone-d5	10.921	63	14580	42.780	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.560%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36208	18.275	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.120%		
66) 1,2-Dichlorobenzene-d4	13.853	152	67627	19.857	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.440%		
Target Compounds					Qvalue	
22) 2-Butanone	7.263	43	1232	2.454	ug/L	# 52
34) Trichloroethene	8.848	95	4881	2.036	ug/L	# 5
35) Methylcyclohexane	9.275	83	13580	3.434	ug/L	# 15
37) 1,2-Dichloropropane	9.275	63	6326	3.321	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1850	0.616	ug/L	# 71
71) Naphthalene	15.359	128	8067	1.466	ug/L	99

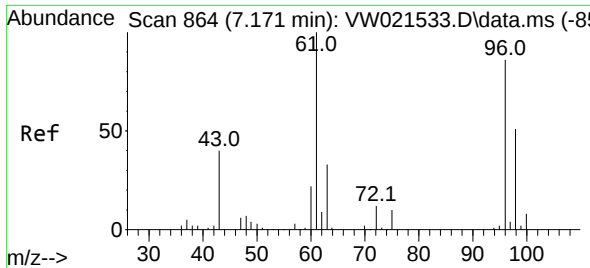
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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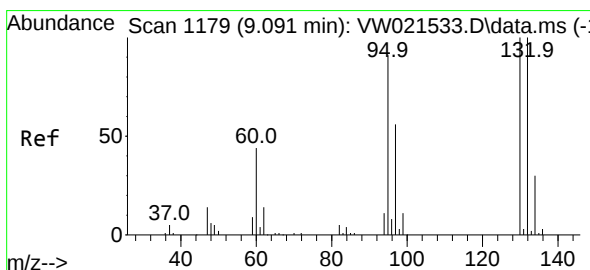
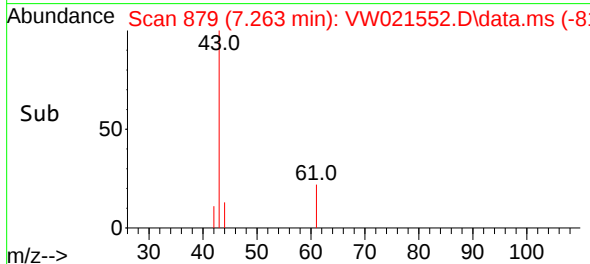
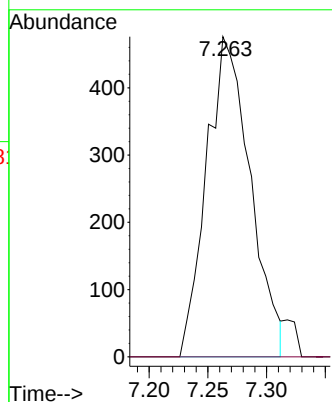
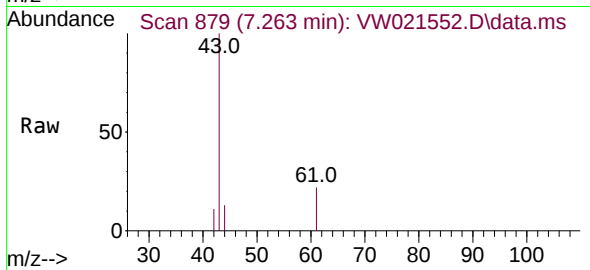




#22
2-Butanone
Concen: 2.454 ug/L
RT: 7.263 min Scan# 81
Delta R.T. 0.092 min
Lab File: VW021552.D
Acq: 22 Dec 2021 03:05

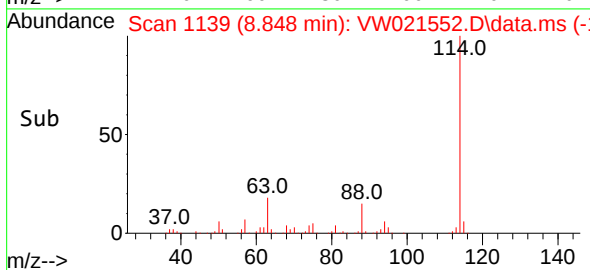
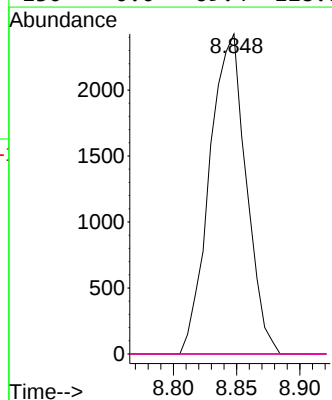
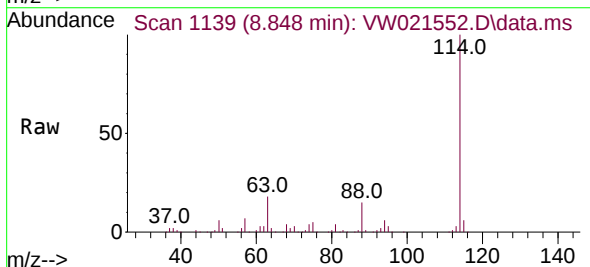
Instrument :
MSVOA_W
ClientSampleId :

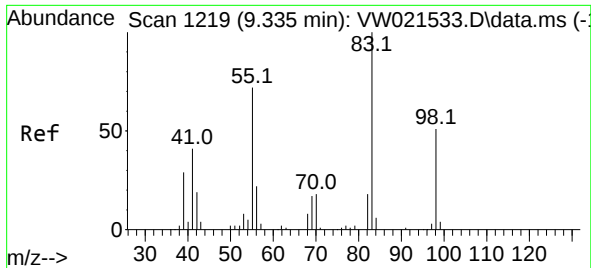
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#34
Trichloroethene
Concen: 2.036 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW021552.D
Acq: 22 Dec 2021 03:05

Tgt Ion: 95 Resp: 4881
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#

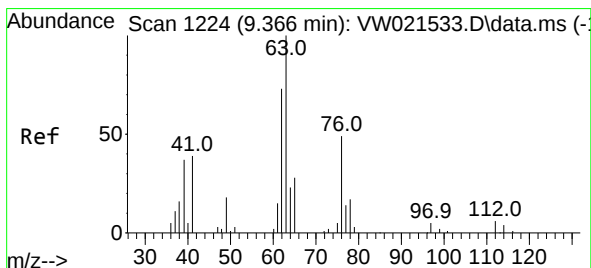
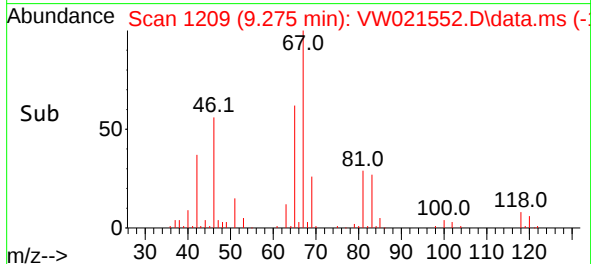
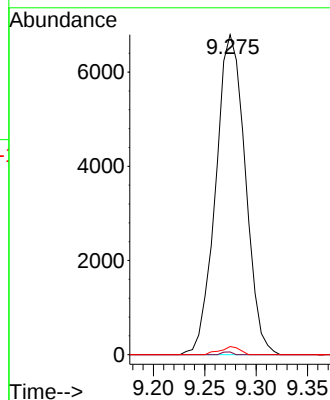
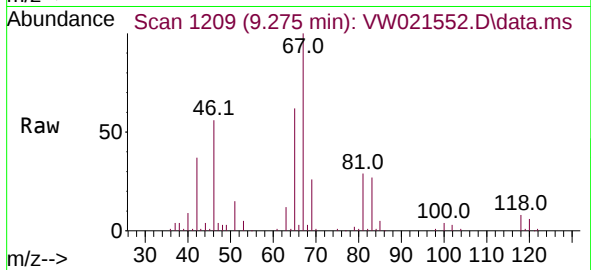




#35
Methylcyclohexane
Concen: 3.434 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021552.D
Acq: 22 Dec 2021 03:05

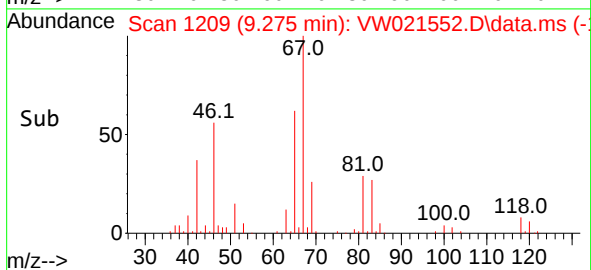
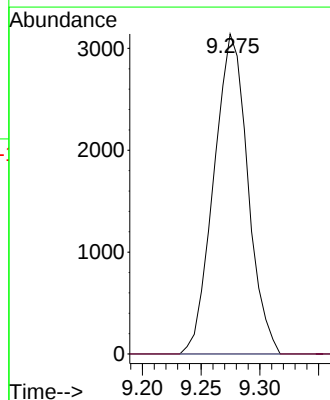
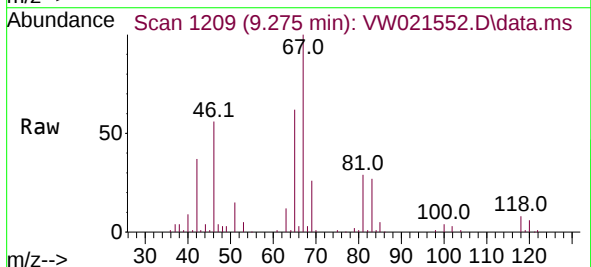
Instrument :
MSVOA_W
ClientSampleId :

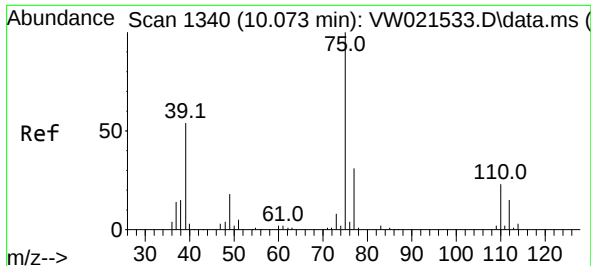
Tgt Ion: 83 Resp: 13580
Ion Ratio Lower Upper
83 100
55 0.3 70.8 106.2#
98 1.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.321 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021552.D
Acq: 22 Dec 2021 03:05

Tgt Ion: 63 Resp: 6326
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021552.D

Acq: 22 Dec 2021 03:05

Instrument :

MSVOA_W

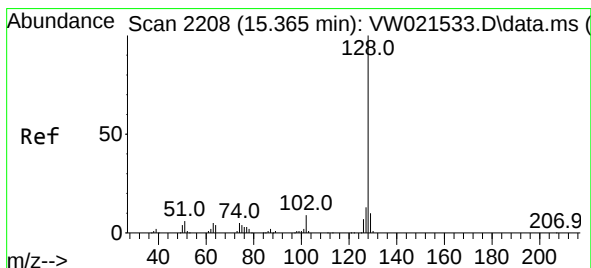
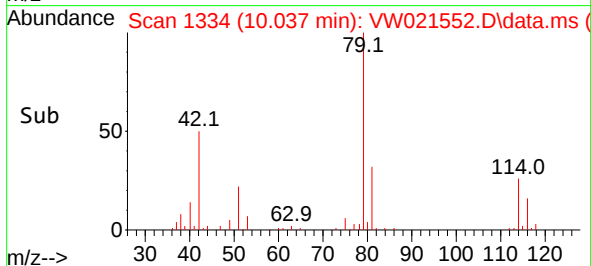
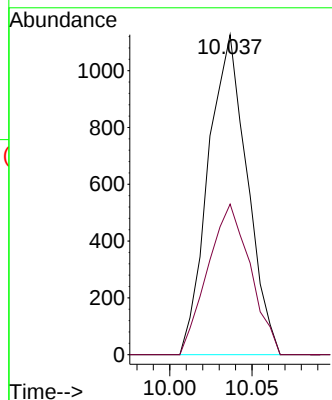
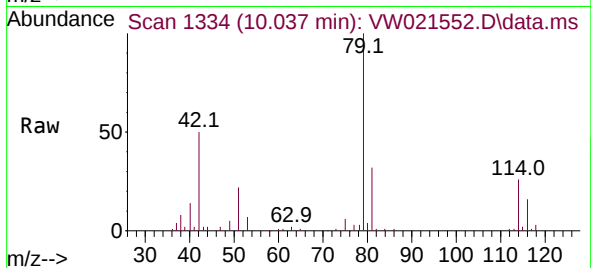
ClientSampleId :

Tgt Ion: 75 Resp: 1850

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#



#71

Naphthalene

Concen: 1.466 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021552.D

Acq: 22 Dec 2021 03:05

Tgt Ion:128 Resp: 8067

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.3 8.6 12.8

