

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047986.D
 Acq On : 13 Apr 2022 03:05
 Operator : SY/MD
 Sample : N2358-02 10X
 Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS2

Quant Time: Apr 13 04:53:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

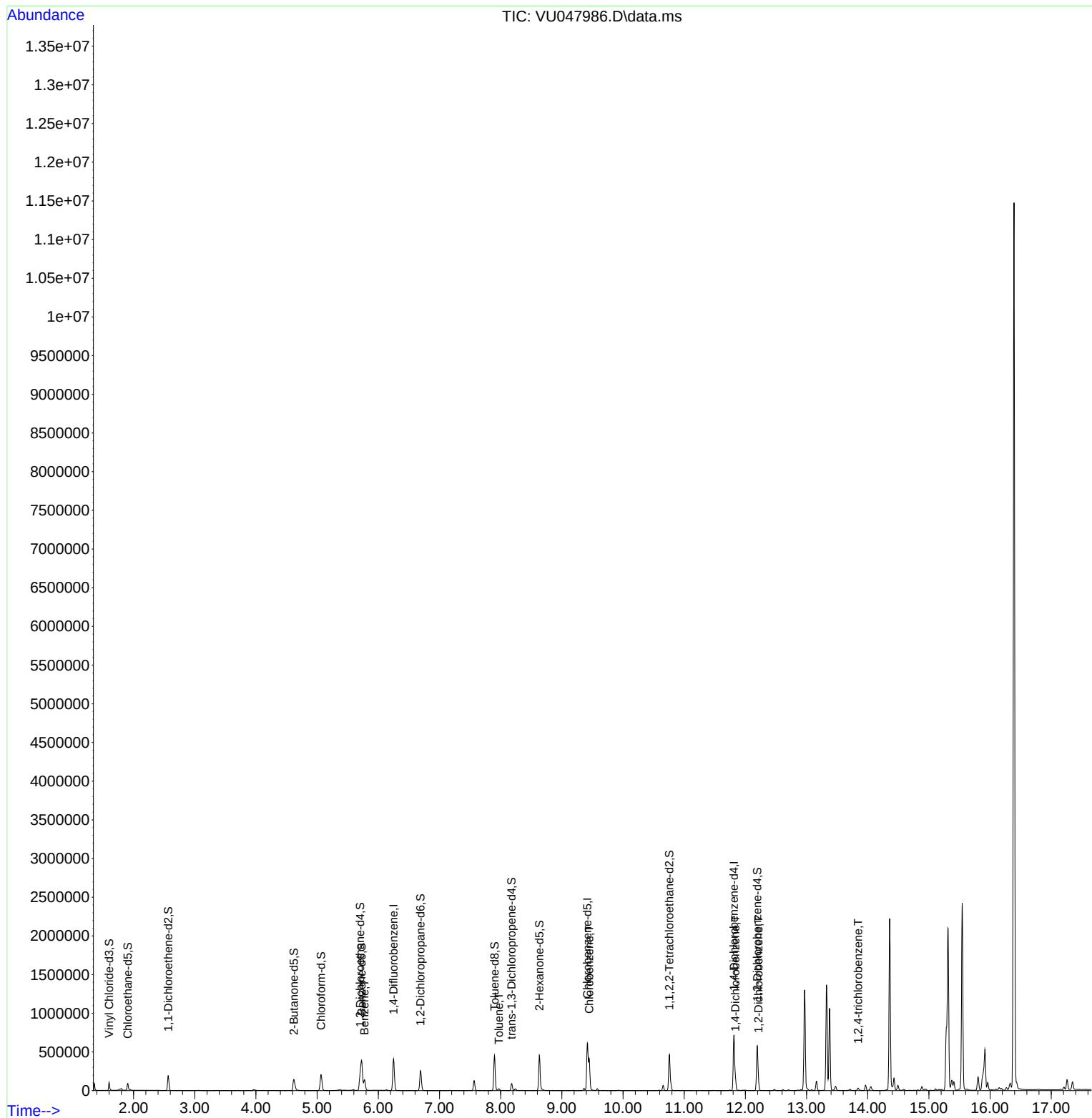
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350505	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356773	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	198109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80085	31.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.020%
7) Chloroethane-d5	1.903	69	77801	38.820	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	2.565	63	107824	23.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.380%#
21) 2-Butanone-d5	4.620	46	207373	95.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.050%
24) Chloroform-d	5.063	84	191244	41.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	5.703	65	127463	44.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
32) Benzene-d6	5.726	84	362519	40.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	6.690	67	124862	45.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.580%
41) Toluene-d8	7.899	98	307156	35.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.240%#
43) trans-1,3-Dichloroprop...	8.179	79	51522	36.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.780%
47) 2-Hexanone-d5	8.632	63	153326	94.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	227374	48.055	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	159023	45.119	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.240%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	135097	13.082	ug/L	100
42) Toluene	7.970	91	16457	1.452	ug/L	97
51) Chlorobenzene	9.446	112	190808	24.801	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	62566	10.150	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	31074	5.218	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	9108	2.151	ug/L	96

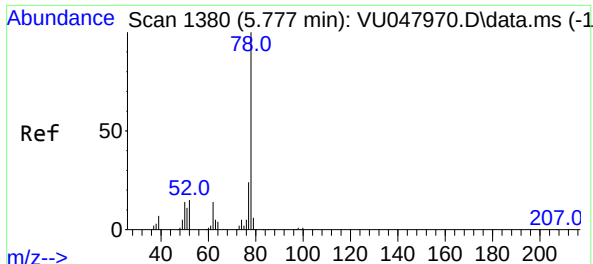
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 04:40:51 2022
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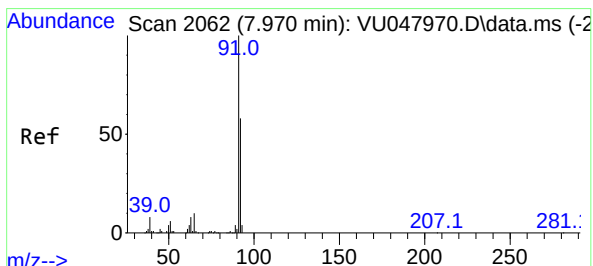
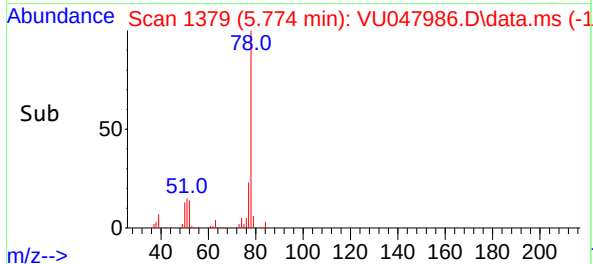
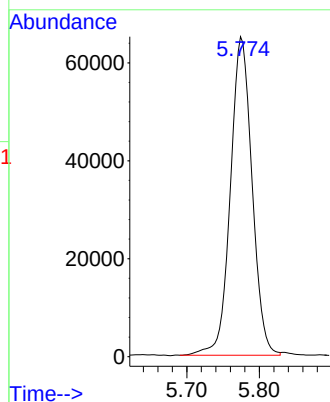
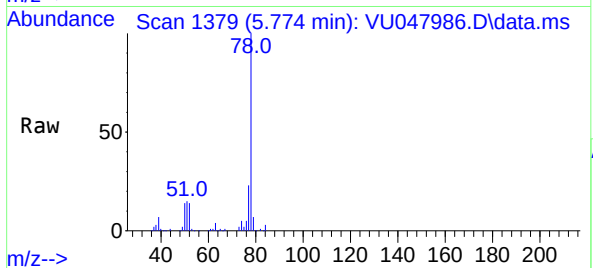




#33
Benzene
Concen: 13.082 ug/L
RT: 5.774 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

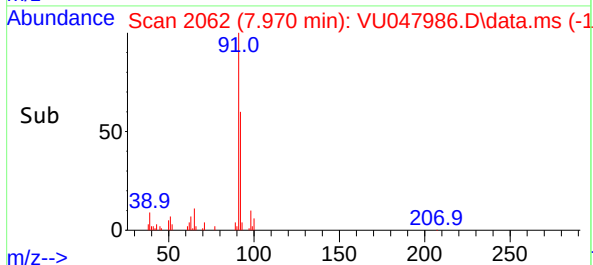
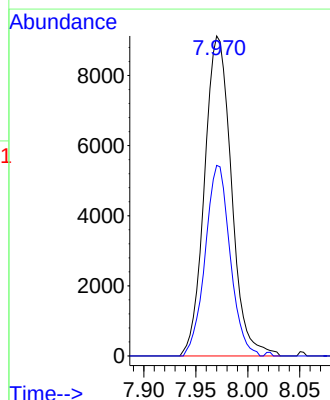
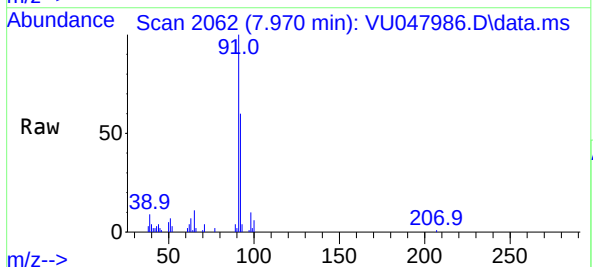
Instrument :
MSVOA_U
ClientSampleId :
ETNS2

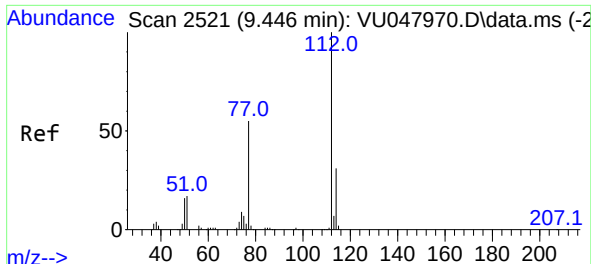
Tgt Ion: 78 Resp: 135097



#42
Toluene
Concen: 1.452 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

Tgt Ion: 91 Resp: 16457
Ion Ratio Lower Upper
91 100
92 59.6 40.4 75.0

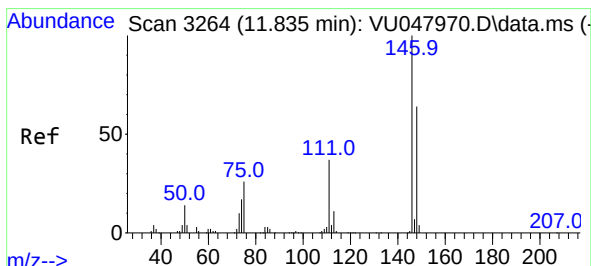
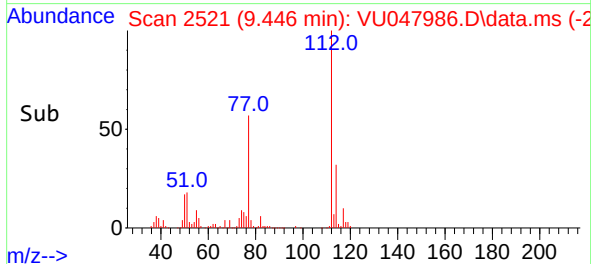
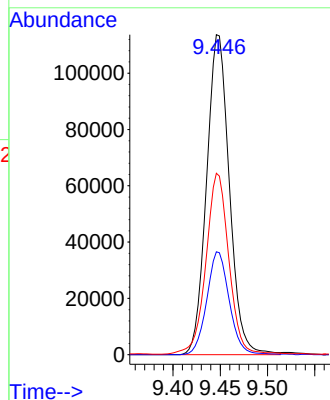
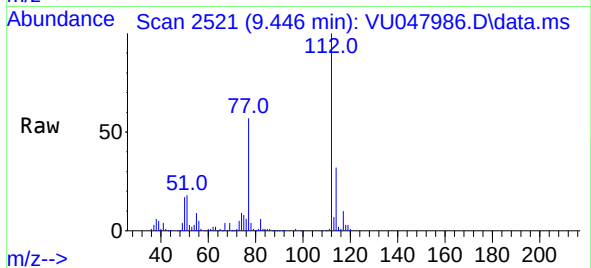




#51
Chlorobenzene
Concen: 24.801 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

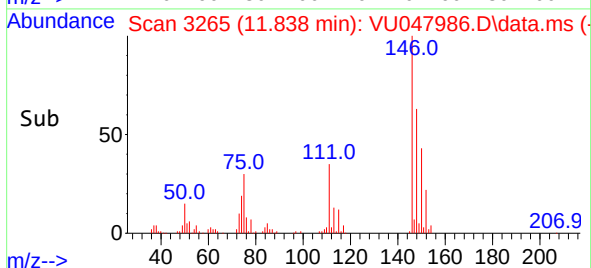
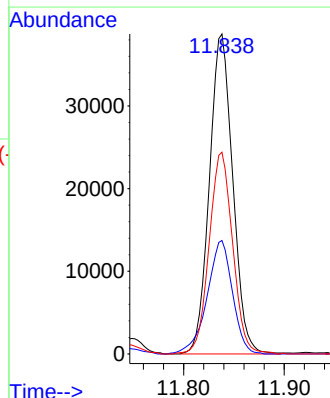
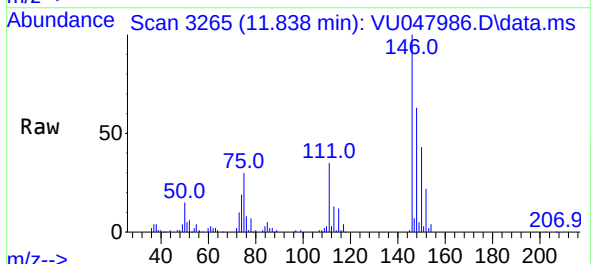
Instrument :
MSVOA_U
ClientSampleId :
ETNS2

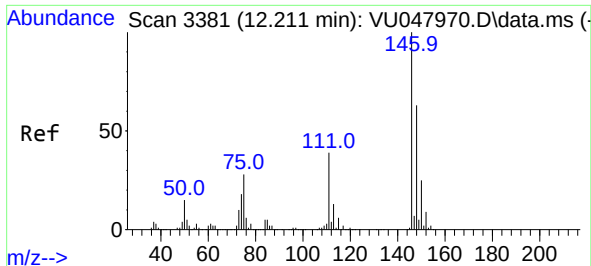
Tgt Ion:112 Resp: 190808
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.7 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 10.150 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047986.D
Acq: 13 Apr 2022 03:05

Tgt Ion:146 Resp: 62566
Ion Ratio Lower Upper
146 100
111 35.5 25.3 47.1
148 63.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.218 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047986.D

Acq: 13 Apr 2022 03:05

Instrument :

MSVOA_U

ClientSampleId :

ETNS2

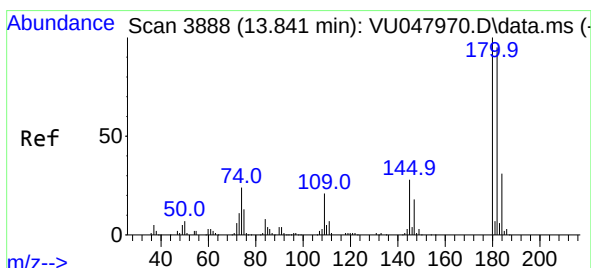
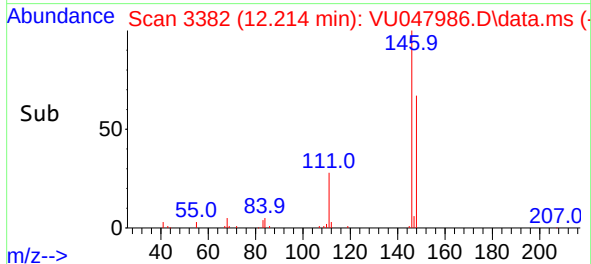
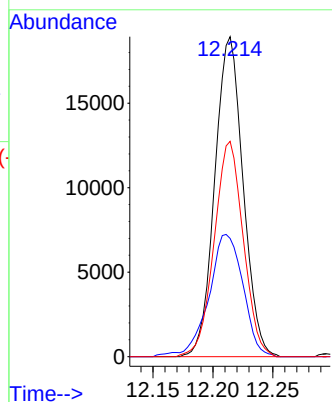
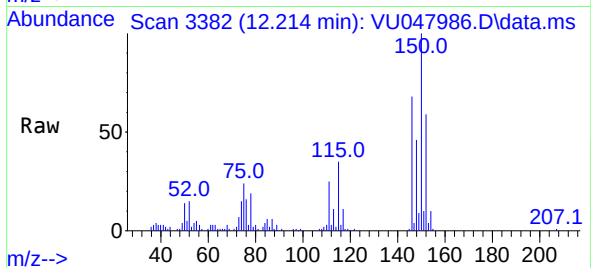
Tgt Ion:146 Resp: 31074

Ion Ratio Lower Upper

146 100

111 37.0 31.7 47.5

148 67.3 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 2.151 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047986.D

Acq: 13 Apr 2022 03:05

Tgt Ion:180 Resp: 9108

Ion Ratio Lower Upper

180 100

182 99.6 76.2 114.2

145 29.0 21.8 32.8

