

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019782.D
 Acq On : 18 Aug 2021 18:52
 Operator : SY/VA
 Sample : M3458-11
 Misc : 4.26g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 05:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 19 05:14:25 2021
 Response via : Initial Calibration

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

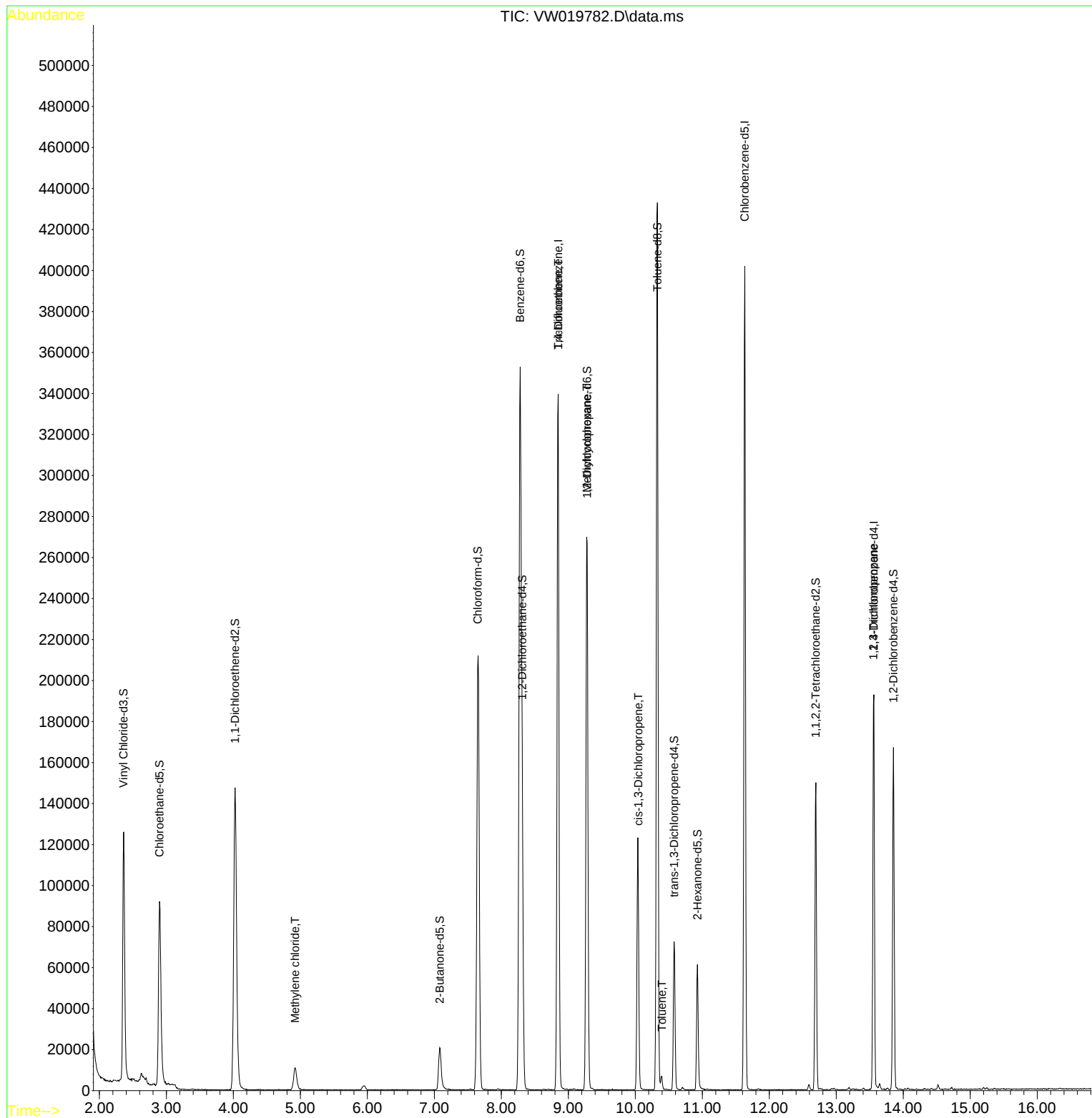
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	272985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	215098	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	50259	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	147039	34.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.040%
7) Chloroethane-d5	2.898	69	123663	33.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.240%
11) 1,1-Dichloroethene-d2	4.025	63	157157	21.413	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.640%
21) 2-Butanone-d5	7.080	46	34374	40.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.020%
24) Chloroform-d	7.647	84	219334	29.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.880%
26) 1,2-Dichloroethane-d4	8.311	65	108400	26.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	8.281	84	360607	29.403	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.600%
36) 1,2-Dichloropropane-d6	9.281	67	125400	33.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.040%#
41) Toluene-d8	10.329	98	283307	25.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	10.579	79	40038	26.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.360%
47) 2-Hexanone-d5	10.927	63	19427	37.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.100%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	72319	23.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	41723	24.201	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	8952	1.911	ug/L	94
34) Trichloroethene	8.848	95	8580	2.500	ug/L #	5
35) Methylcyclohexane	9.274	83	31270	5.312	ug/L #	20
39) cis-1,3-Dichloropropene	10.043	75	3213	0.667	ug/L	86
42) Toluene	10.396	91	4434	0.317	ug/L	84
61) 1,2,3-Trichloropropane	13.554	75	6738	6.838	ug/L #	64

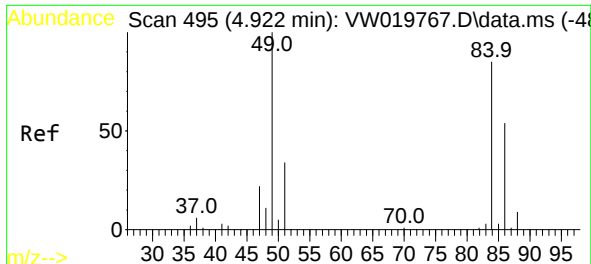
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 19 05:14:25 2021
Response via : Initial Calibration

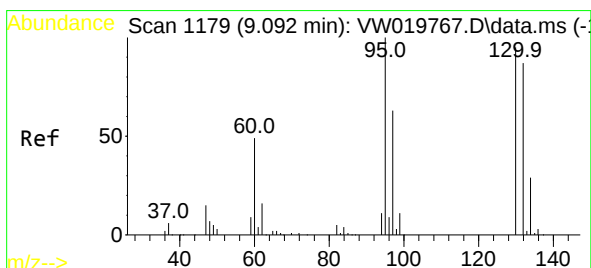
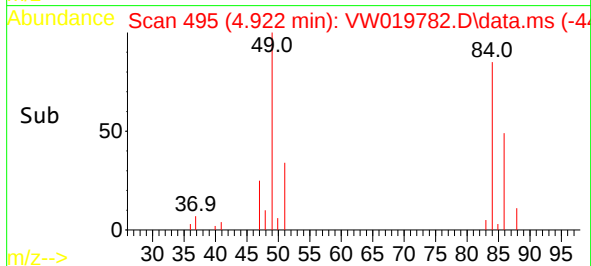
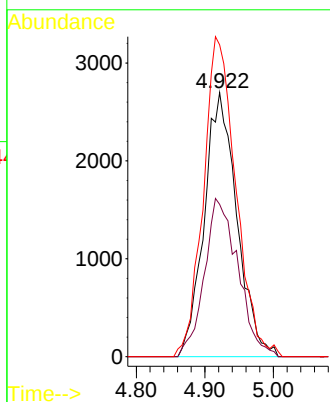
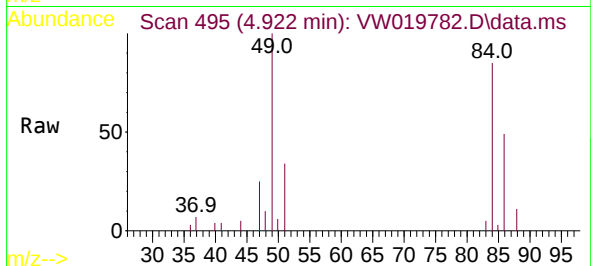




#16
Methylene chloride
Concen: 1.911 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019782.D
Acq: 18 Aug 2021 18:52

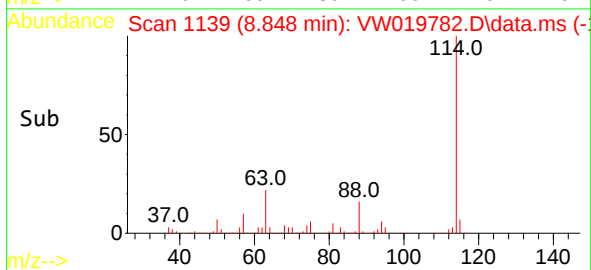
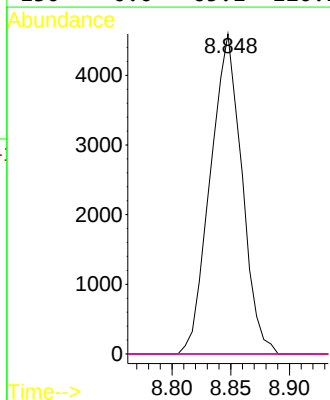
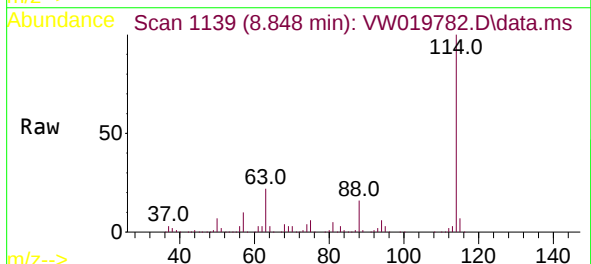
Instrument :
MSVOA_W
ClientSampled :

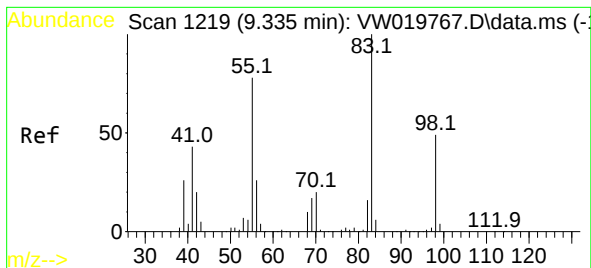
Tgt Ion: 84 Resp: 8952
Ion Ratio Lower Upper
84 100
86 57.7 45.3 84.1
49 118.0 86.6 160.8



#34
Trichloroethene
Concen: 2.500 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019782.D
Acq: 18 Aug 2021 18:52

Tgt Ion: 95 Resp: 8580
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

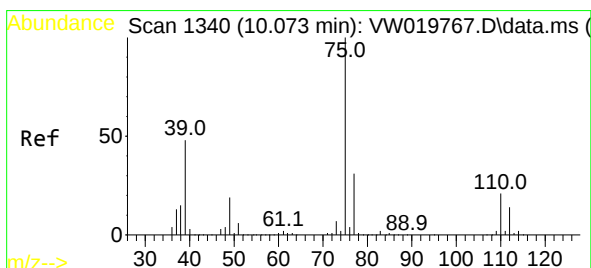
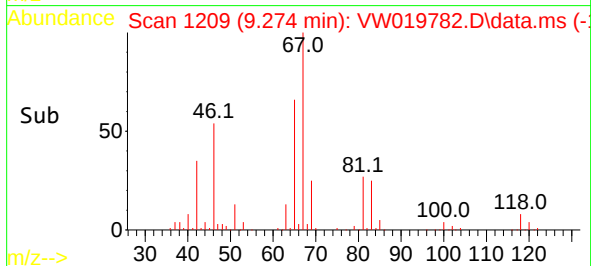
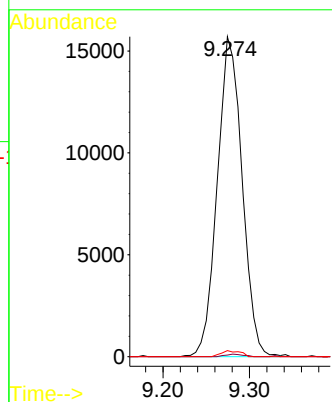
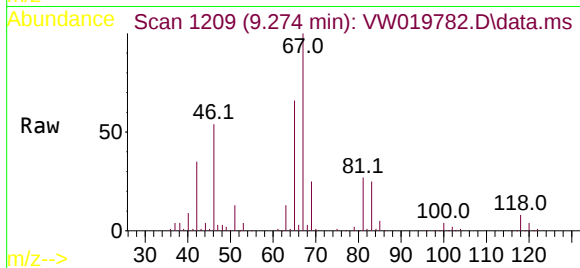




#35
Methylcyclohexane
Concen: 5.312 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019782.D
Acq: 18 Aug 2021 18:52

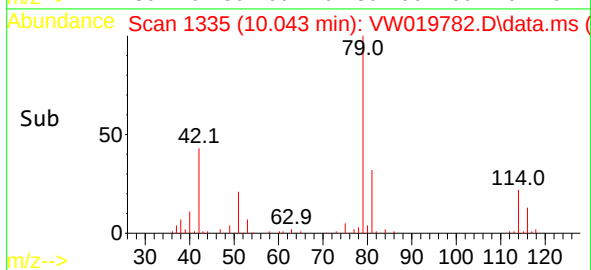
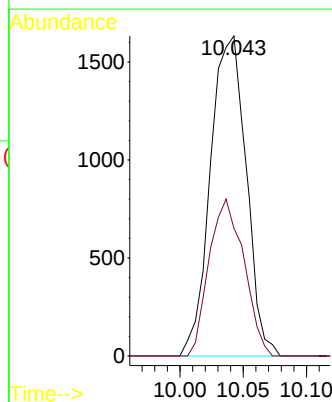
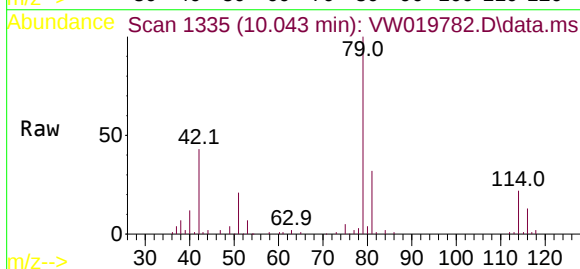
Instrument :
MSVOA_W
ClientSampled :

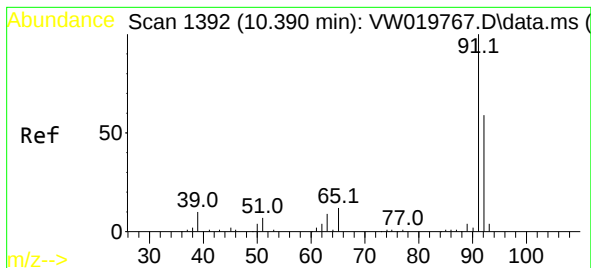
Tgt Ion: 83 Resp: 31270
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 0.9 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.667 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019782.D
Acq: 18 Aug 2021 18:52

Tgt Ion: 75 Resp: 3213
Ion Ratio Lower Upper
75 100
77 39.9 22.6 42.0





#42

Toluene

Concen: 0.317 ug/L

RT: 10.396 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VW019782.D

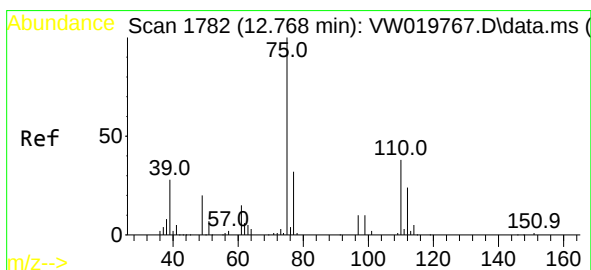
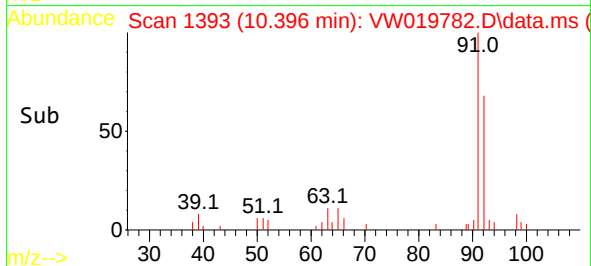
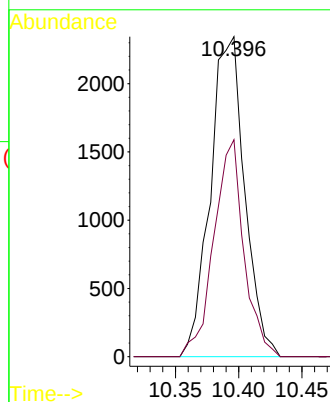
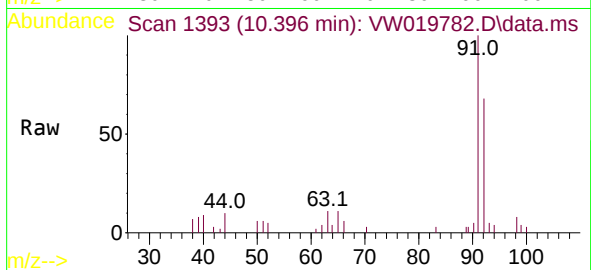
Acq: 18 Aug 2021 18:52

Tgt Ion: 91 Resp: 4434

Ion Ratio Lower Upper

91 100

92 67.8 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 6.838 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW019782.D

Acq: 18 Aug 2021 18:52

Tgt Ion: 75 Resp: 6738

Ion Ratio Lower Upper

75 100

77 34.2 25.3 37.9

110 3.0 32.6 48.8

