LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
Data File : VY021146.D
Acq On : 07 Feb 2025 17:46
Operator : SY/MD
Sample : Q1287-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Title : SW846 8260

Signal : TIC: VY021146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.860	344	351	352	rBV4	2674	4361	1.18%	0.171%
2	4.110	389	392	403	rVB5	1864	4110	1.12%	0.161%
3	6.884	836	847	860	rBV	11016	33656	9.14%	1.322%
4	7.634	960	970	976	rBV2	53792	128869	35.00%	5.060%
5	7.707	976	982	994	rVB	92914	211097	57.32%	8.289%
6	8.061	1031	1040	1051	rBV	44227	101960	27.69%	4.003%
7	8.615	1123	1131	1145	rBV	138159	275183	74.73%	10.805%
8	10.109	1368	1376	1386	rBV	218012	368248	100.00%	14.459%
9	10.511	1436	1442	1448	rVB2	5477	8642	2.35%	0.339%
10	10.877	1494	1502	1509	rBV	6530	10800	2.93%	0.424%
11	11.249	1556	1563	1569	rBV	2478	4174	1.13%	0.164%
12	11.414	1583	1590	1603	rVB	185362	307988	83.64%	12.093%
13	12.261	1723	1729	1737	rBV	77843	126713	34.41%	4.975%
14	12.407	1746	1753	1763	rBV2	145348	237457	64.48%	9.324%
15	12.505	1765	1769	1774	rVB3	2886	4283	1.16%	0.168%
16	12.712	1798	1803	1807	rBV2	6374	9989	2.71%	0.392%
17	12.749	1807	1809	1814	rVB4	2665	3799	1.03%	0.149%
18	12.816	1814	1820	1826	rBV	17617	28653	7.78%	1.125%
19	13.291	1888	1898	1903	rBV	223650	338795	92.00%	13.303%
20	13.346	1903	1907	1915	rVB	166369	250263	67.96%	9.827%
21	13.548	1936	1940	1946	rVB4	3129	4771	1.30%	0.187%
22	13.730	1964	1970	1978	rBV3	2623	4806	1.31%	0.189%
23	14.230	2047	2052	2058	rVB2	7134	11641	3.16%	0.457%
24	14.657	2116	2122	2128	rBV	16597	25518	6.93%	1.002%
25	14.858	2150	2155	2161	rVB3	7996	13395	3.64%	0.526%
26	14.968	2167	2173	2176	rBV3	2666	3874	1.05%	0.152%
27	15.145	2197	2202	2211	rBV	11083	17828	4.84%	0.700%
28	15.224	2211	2215	2222	rVB3	3507	5918	1.61%	0.232%

Sum of corrected areas: 2546791

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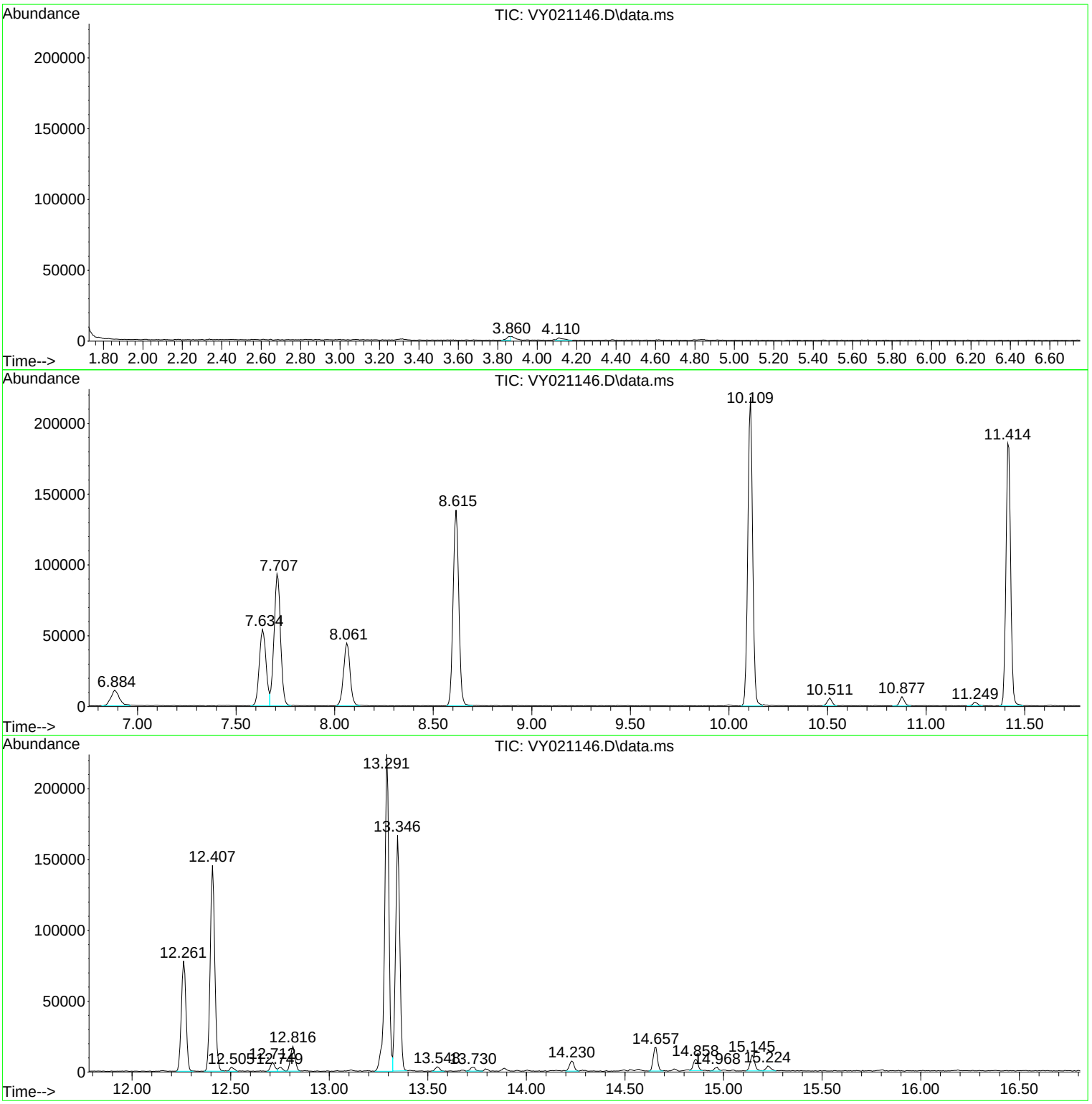
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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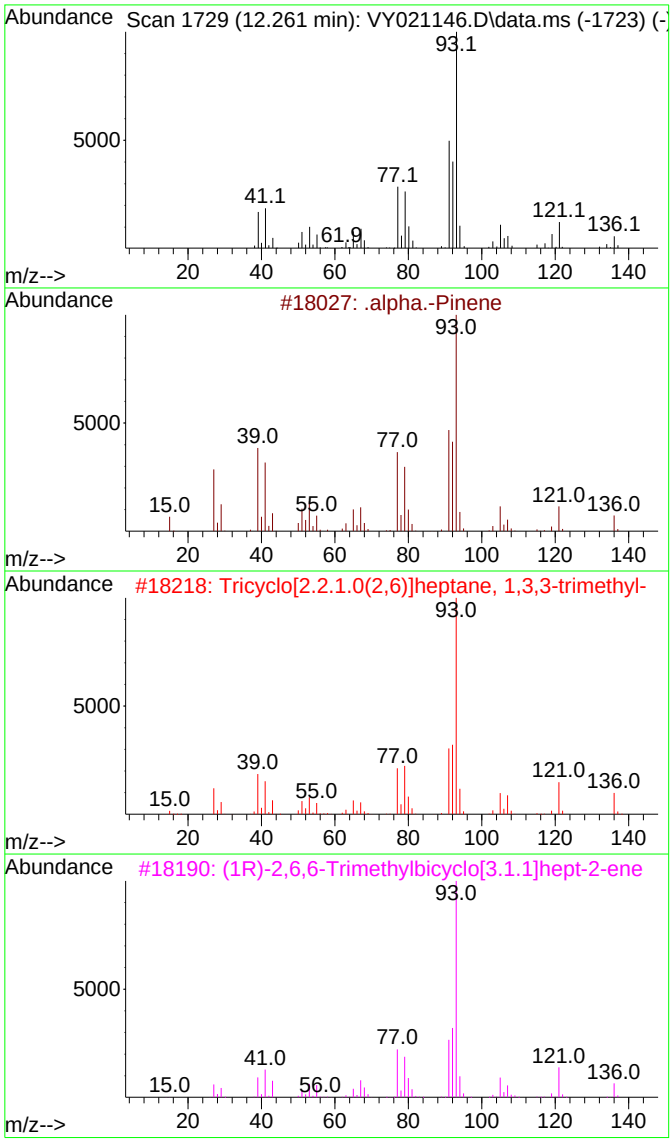
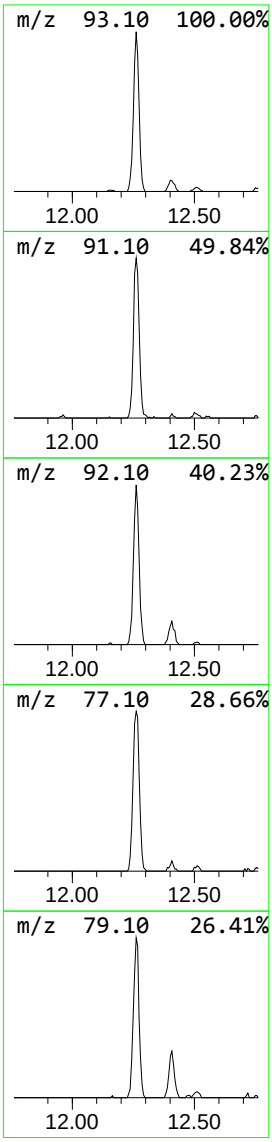
****

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	20.57 ug/l	126713	Chlorobenzene-d5	11.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87





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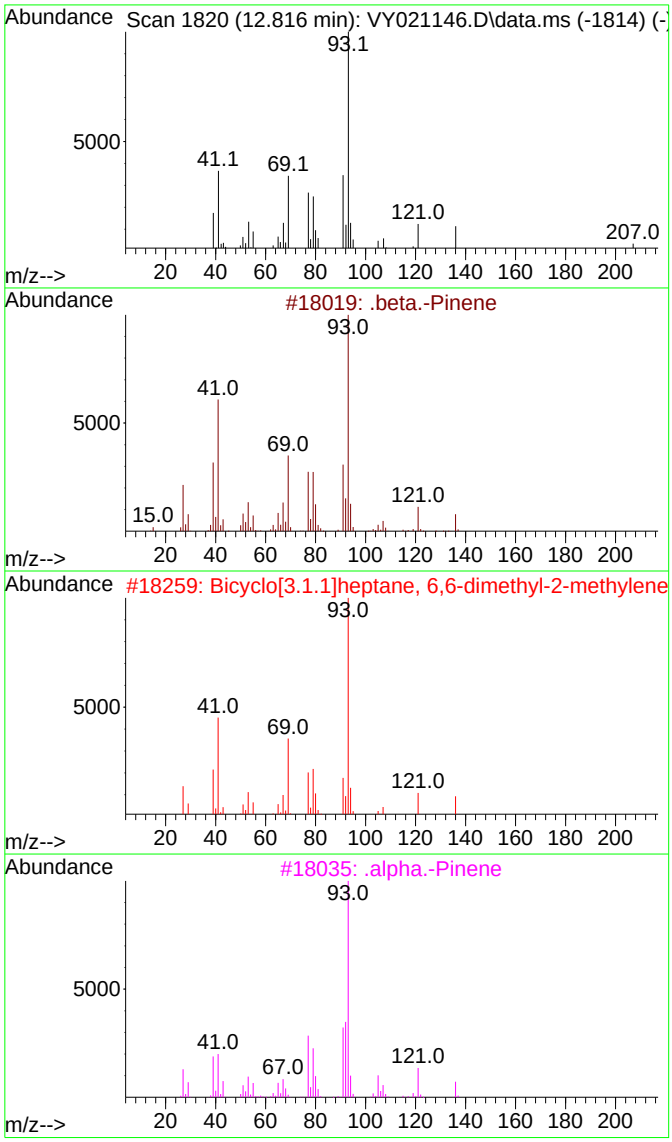
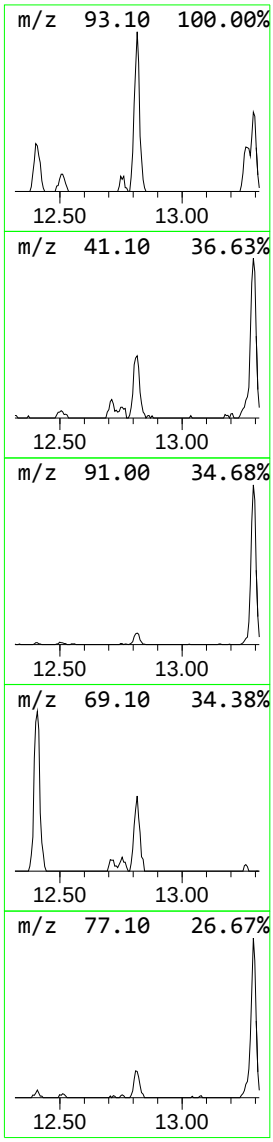
****
Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	5.72 ug/l	28653	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	97
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	.beta.-Myrcene	136	C10H16	000123-35-3	90
5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90





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MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260

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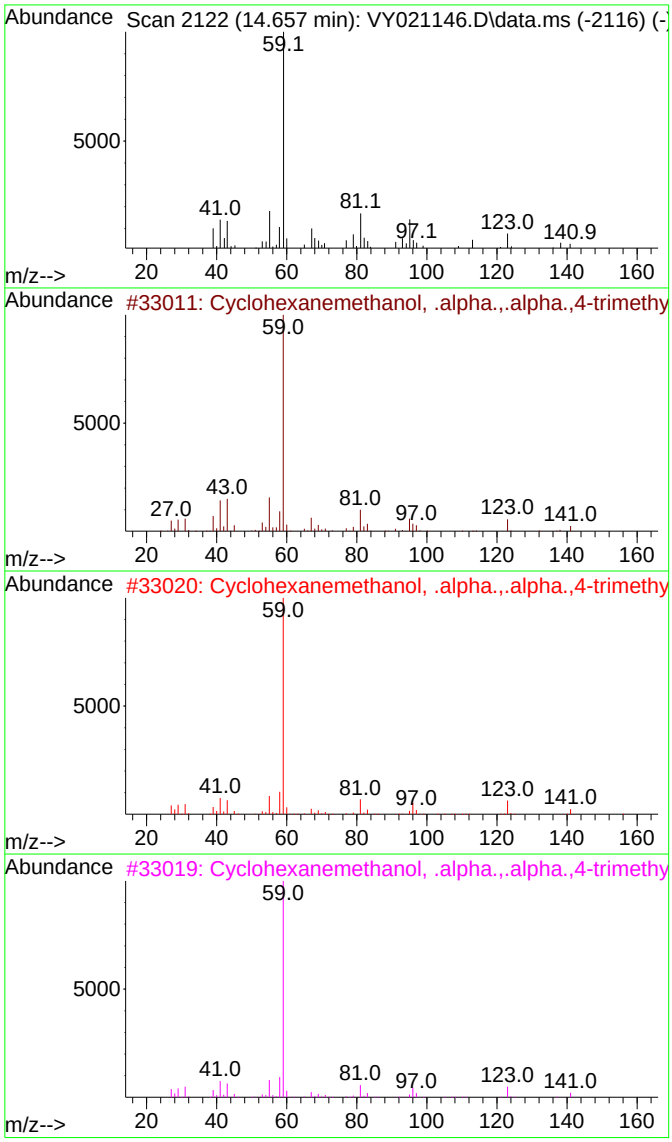
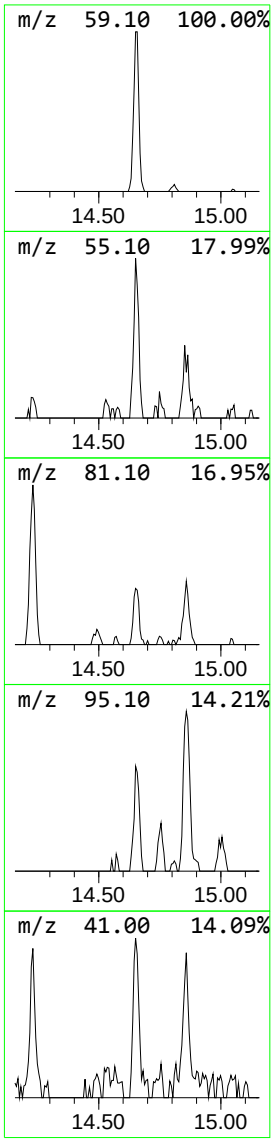
****
Peak Number 4 Cyclohexanemethanol, .alpha... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	5.10 ug/l	25518	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	59
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	59
4	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	53
5	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	12.261	20.6	ug/l	126713	3	11.420	307988	50.0
.beta.-Pinene	12.816	5.7	ug/l	28653	4	13.346	250263	50.0
Cyclohexanemeth...	14.657	5.1	ug/l	25518	4	13.346	250263	50.0