LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120220\
Data File : VY003644.D
Acq On : 02 Dec 2020 11:59
Operator : SY/MD
Sample : VY1202SBL04
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120120SMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	65	70	83	rVB	65516	107891	10.26%	1.642%
2	2.772	149	156	165	rBV	51231	99601	9.47%	1.516%
3	3.143	211	217	223	rVB4	872	1778	0.17%	0.027%
4	3.259	232	236	244	rVB4	1722	4176	0.40%	0.064%
5	3.637	295	298	300	rBV2	248	374	0.04%	0.006%
6	3.863	324	335	348	rBV	114256	308452	29.33%	4.694%
7	4.204	386	391	392	rBV2	1089	1532	0.15%	0.023%
8	4.302	405	407	409	rVB2	280	218	0.02%	0.003%
9	4.326	409	411	413	rBV	280	275	0.03%	0.004%
10	4.485	432	437	439	rBV2	274	549	0.05%	0.008%
11	4.564	447	450	454	rBV3	212	399	0.04%	0.006%
12	4.729	466	477	491	rBV2	15526	48137	4.58%	0.733%
13	4.844	494	496	498	rBV2	449	439	0.04%	0.007%
14	4.911	502	507	508	rBV3	318	485	0.05%	0.007%
15	4.954	511	514	518	rBV4	782	1232	0.12%	0.019%
16	5.082	533	535	540	rVB2	356	401	0.04%	0.006%
17	5.210	552	556	557	rBV3	395	469	0.04%	0.007%
18	5.277	565	567	571	rVB2	275	293	0.03%	0.004%
19	5.375	582	583	586	rBV2	281	240	0.02%	0.004%
20	5.399	586	587	590	rBV2	270	257	0.02%	0.004%
21	5.460	596	597	601	rVB3	265	280	0.03%	0.004%
22	5.497	601	603	604	rBV2	309	306	0.03%	0.005%
23	5.539	608	610	611	rVV	501	419	0.04%	0.006%
24	5.570	611	615	620	rVV6	1061	2658	0.25%	0.040%
25	5.631	624	625	629	rBV2	246	262	0.02%	0.004%
26	5.765	638	647	657	rBV7	3017	8877	0.84%	0.135%
27	5.972	679	681	686	rVB2	176	213	0.02%	0.003%
28	6.027	686	690	694	rVB2	311	529	0.05%	0.008%
29	6.119	703	705	708	rBV2	241	328	0.03%	0.005%
30	6.210	718	720	722	rBV2	237	304	0.03%	0.005%
31	6.436	755	757	761	rBV	235	274	0.03%	0.004%
32	6.497	766	767	769	rBV	241	220	0.02%	0.003%
33	6.899	823	833	840	rBV2	38344	105818	10.06%	1.610%
34	6.990	841	848	860	rVB	54550	157341	14.96%	2.395%

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Operator : SY/MD
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Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120120SMA.M
Title : VOC Analysis

35	7.155	873	875	876	rBV2	273	201	0.02%	0.003%
36	7.234	886	888	889	rBV	316	230	0.02%	0.004%
37	7.332	897	904	905	rBV3	403	785	0.07%	0.012%
38	7.490	919	930	942	rVV	128287	321459	30.56%	4.892%
39	7.710	964	966	970	rVB2	737	792	0.08%	0.012%
40	7.783	976	978	979	rBV	634	403	0.04%	0.006%
41	7.880	991	994	995	rBV	375	347	0.03%	0.005%
42	8.118	1022	1033	1053	rBV3	365949	1051779	100.00%	16.007%
43	8.277	1058	1059	1063	rVB2	454	391	0.04%	0.006%
44	8.423	1082	1083	1086	rBV2	268	241	0.02%	0.004%
45	8.612	1110	1114	1118	rBV3	192	419	0.04%	0.006%
46	8.697	1119	1128	1139	rVV	237595	467143	44.41%	7.109%
47	8.929	1161	1166	1175	rBV6	1517	2975	0.28%	0.045%
48	9.057	1185	1187	1189	rBV2	297	219	0.02%	0.003%
49	9.124	1189	1198	1207	rBV	176356	354533	33.71%	5.396%
50	9.246	1216	1218	1221	rVB2	329	404	0.04%	0.006%
51	9.319	1228	1230	1232	rBV	333	331	0.03%	0.005%
52	9.459	1250	1253	1254	rVV	578	546	0.05%	0.008%
53	9.508	1258	1261	1268	rVB5	1276	2446	0.23%	0.037%
54	9.612	1273	1278	1284	rVV5	1480	2735	0.26%	0.042%
55	9.752	1293	1301	1306	rBV3	3984	8163	0.78%	0.124%
56	9.892	1310	1324	1335	rBV	107203	192070	18.26%	2.923%
57	10.069	1349	1353	1357	rBV3	3065	5828	0.55%	0.089%
58	10.179	1364	1371	1380	rBV	376733	658422	62.60%	10.020%
59	10.356	1395	1400	1401	rBV3	342	560	0.05%	0.009%
60	10.435	1407	1413	1422	rVB	73069	125597	11.94%	1.911%
61	10.496	1422	1423	1427	rBV2	397	493	0.05%	0.008%
62	10.581	1429	1437	1444	rBV	73719	131865	12.54%	2.007%
63	10.715	1454	1459	1464	rBV3	2929	4540	0.43%	0.069%
64	10.788	1464	1471	1484	rVV	150729	240659	22.88%	3.663%
65	10.947	1491	1497	1507	rBV	26830	45543	4.33%	0.693%
66	11.038	1508	1512	1519	rVB3	3887	6104	0.58%	0.093%
67	11.197	1536	1538	1539	rBV2	600	438	0.04%	0.007%
68	11.276	1545	1551	1553	rBV4	1891	3173	0.30%	0.048%
69	11.319	1553	1558	1568	rVV	29655	48636	4.62%	0.740%
70	11.398	1569	1571	1572	rVB	398	236	0.02%	0.004%
71	11.422	1572	1575	1576	rBV	331	261	0.02%	0.004%

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Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SFAMYLM120120SMA.M
Title : VOC Analysis

72	11.490	1579	1586	1597	rVV	355289	570580	54.25%	8.683%
73	11.593	1601	1603	1607	rVB3	1722	1723	0.16%	0.026%
74	11.630	1607	1609	1612	rBV	435	357	0.03%	0.005%
75	11.654	1612	1613	1615	rBV	307	246	0.02%	0.004%
76	11.703	1617	1621	1625	rVV4	1407	2354	0.22%	0.036%
77	11.733	1625	1626	1631	rVB	628	498	0.05%	0.008%
78	11.843	1642	1644	1647	rVB2	351	310	0.03%	0.005%
79	12.038	1670	1676	1680	rBV5	1884	3197	0.30%	0.049%
80	12.111	1687	1688	1690	rVB	478	228	0.02%	0.003%
81	12.148	1692	1694	1698	rBV2	348	594	0.06%	0.009%
82	12.331	1720	1724	1729	rVB4	1818	2954	0.28%	0.045%
83	12.489	1744	1750	1756	rBV	43683	73268	6.97%	1.115%
84	12.563	1756	1762	1769	rVB	180115	287311	27.32%	4.372%
85	12.623	1769	1772	1776	rBV3	598	708	0.07%	0.011%
86	12.684	1781	1782	1785	rBV	288	247	0.02%	0.004%
87	12.886	1813	1815	1816	rBV2	369	217	0.02%	0.003%
88	12.953	1823	1826	1830	rVB4	1126	1455	0.14%	0.022%
89	12.989	1830	1832	1834	rBV	384	337	0.03%	0.005%
90	13.184	1858	1864	1869	rVB2	4127	6909	0.66%	0.105%
91	13.251	1872	1875	1876	rBV3	595	549	0.05%	0.008%
92	13.373	1887	1895	1896	rBV4	1784	3275	0.31%	0.050%
93	13.422	1897	1903	1912	rVB	347204	528222	50.22%	8.039%
94	13.636	1935	1938	1942	rBV4	1586	2175	0.21%	0.033%
95	13.672	1942	1944	1945	rVV	1239	1014	0.10%	0.015%
96	13.721	1945	1952	1959	rVB	334343	521722	49.60%	7.940%
97	13.831	1968	1970	1975	rVB5	1088	1319	0.13%	0.020%
98	13.965	1987	1992	2002	rVB2	9929	16187	1.54%	0.246%
99	14.477	2072	2076	2077	rBV3	1803	2393	0.23%	0.036%
100	15.312	2209	2213	2219	rBV4	2453	4530	0.43%	0.069%

Sum of corrected areas: 6570873

LSC Report - Integrated Chromatogram

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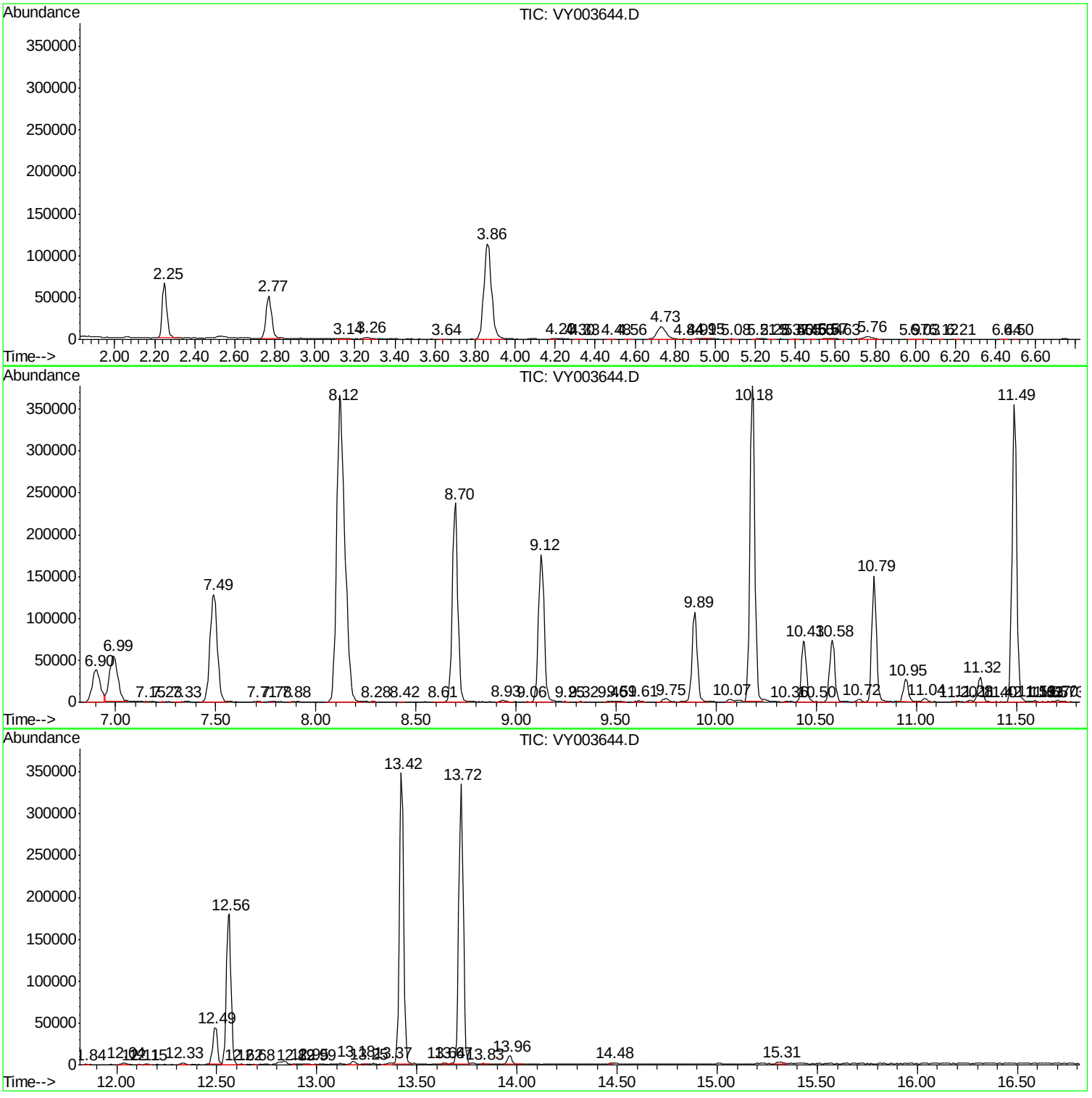
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120220\
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Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK424

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120120SMA.M
Quant Title : VOC Analysis

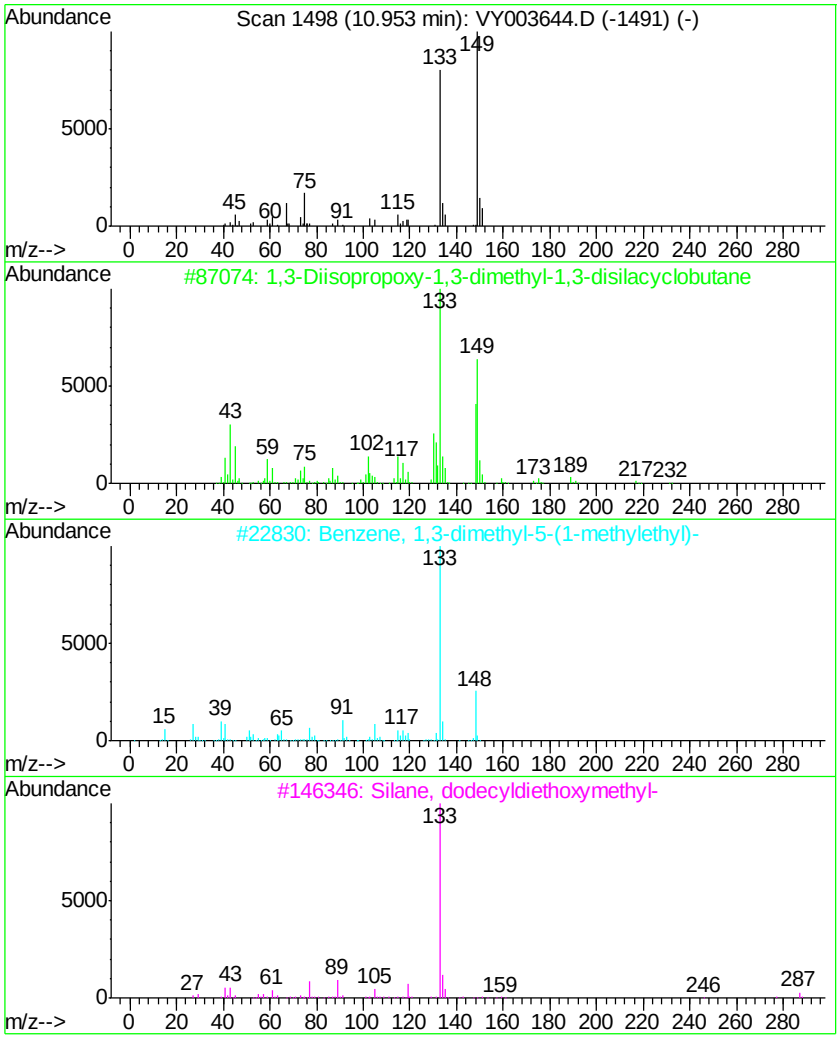
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

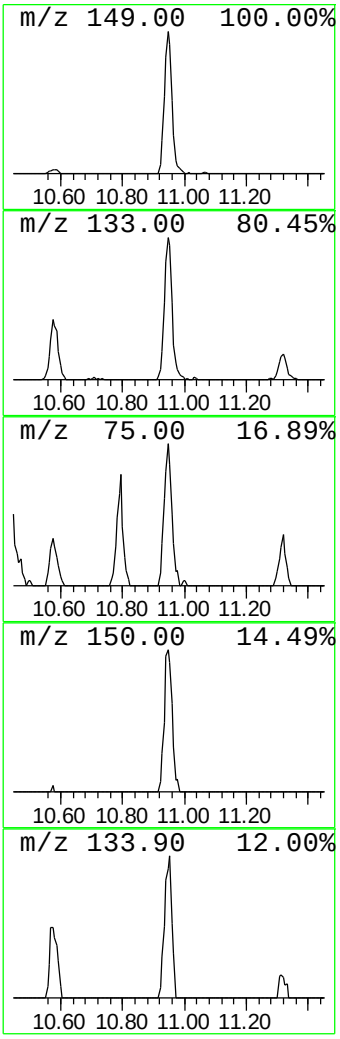
****

Peak Number 4 1,3-Diisopropoxy-1,3-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.00 ug/L	45543	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diisopropoxy-1,3-dimethyl-1,...	232	C10H24O2Si2	198066-66-9	64
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	35
3	Silane, dodecyldiethoxymethyl-	302	C17H38O2Si	060317-40-0	35
4	Disiloxane, pentamethyl-	148	C5H16OSi2	001438-82-0	35
5	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Diisopropoxy-...	10.95	2.0	ug/L	45543	2	11.49	570580	25.0