LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003762.D
Acq On : 14 Dec 2020 21:05
Operator : SY/MD
Sample : VIBLK67
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK67

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\SOM2YLM121420S.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	2.058	35	39	45	rBV4	2257	4026	0.24%	0.036%
2	2.247	64	70	82	rBV	124192	199414	11.96%	1.771%
3	2.540	111	118	120	rBV6	4469	9061	0.54%	0.080%
4	2.765	148	155	168	rBV	90059	181774	10.90%	1.615%
5	3.137	213	216	223	rVB5	1027	1580	0.09%	0.014%
6	3.265	228	237	241	rBV7	2378	5735	0.34%	0.051%
7	3.527	276	280	283	rBV3	403	602	0.04%	0.005%
8	3.863	321	335	354	rBV	192657	528053	31.67%	4.690%
9	4.216	386	393	394	rBV5	1697	3338	0.20%	0.030%
10	4.576	450	452	455	rVB2	530	508	0.03%	0.005%
11	4.613	455	458	461	rBV2	379	559	0.03%	0.005%
12	4.735	464	478	490	rBV2	14414	46310	2.78%	0.411%
13	4.936	502	511	514	rBV6	1684	4005	0.24%	0.036%
14	5.222	556	558	563	rVV3	428	735	0.04%	0.007%
15	5.570	607	615	620	rBV4	1403	4128	0.25%	0.037%
16	5.637	624	626	628	rVB2	536	484	0.03%	0.004%
17	5.759	634	646	647	rBV3	3363	7427	0.45%	0.066%
18	6.734	799	806	807	rBV3	541	1068	0.06%	0.009%
19	6.752	807	809	814	rVB2	487	513	0.03%	0.005%
20	6.899	822	833	841	rBV	63699	177613	10.65%	1.578%
21	6.996	842	849	869	rVB	41381	134011	8.04%	1.190%
22	7.344	904	906	909	rBV4	584	643	0.04%	0.006%
23	7.490	918	930	944	rBV	217878	543577	32.60%	4.828%
24	7.697	957	964	965	rBV5	1111	1815	0.11%	0.016%
25	7.789	976	979	986	rVB6	545	932	0.06%	0.008%
26	7.917	998	1000	1003	rVB2	704	543	0.03%	0.005%
27	8.118	1023	1033	1049	rBV3	576207	1667524	100.00%	14.811%
28	8.344	1065	1070	1071	rBV3	392	545	0.03%	0.005%
29	8.466	1084	1090	1091	rBV3	518	698	0.04%	0.006%
30	8.545	1099	1103	1105	rVB4	527	685	0.04%	0.006%
31	8.697	1119	1128	1143	rVB	385397	773200	46.37%	6.868%
32	8.929	1159	1166	1177	rVB	19898	38447	2.31%	0.341%
33	9.124	1189	1198	1208	rBV	307360	615373	36.90%	5.466%
34	9.313	1225	1229	1232	rBV3	502	586	0.04%	0.005%

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Title : VOC Analysis

35	9.496	1254	1259	1260	rVV2	424	688	0.04%	0.006%
36	9.508	1260	1261	1265	rVV4	819	733	0.04%	0.007%
37	9.618	1273	1279	1285	rBV7	2376	4123	0.25%	0.037%
38	9.752	1291	1301	1306	rBV4	5223	11315	0.68%	0.101%
39	9.892	1312	1324	1334	rVB	208273	354873	21.28%	3.152%
40	10.075	1347	1354	1357	rBV3	3214	5651	0.34%	0.050%
41	10.112	1357	1360	1364	rVB3	1618	2342	0.14%	0.021%
42	10.179	1364	1371	1379	rBV	671839	1143257	68.56%	10.155%
43	10.392	1404	1406	1407	rBV	513	495	0.03%	0.004%
44	10.441	1407	1414	1425	rVB	141054	234275	14.05%	2.081%
45	10.581	1429	1437	1444	rVV	109084	194106	11.64%	1.724%
46	10.642	1446	1447	1452	rVB3	782	777	0.05%	0.007%
47	10.715	1452	1459	1464	rBV4	3386	5522	0.33%	0.049%
48	10.788	1464	1471	1485	rBV	269800	422019	25.31%	3.749%
49	10.953	1490	1498	1508	rBV	33085	74631	4.48%	0.663%
50	11.044	1509	1513	1522	rVB4	6206	11204	0.67%	0.100%
51	11.209	1536	1540	1544	rBV4	697	1053	0.06%	0.009%
52	11.270	1546	1550	1552	rBV4	2808	3715	0.22%	0.033%
53	11.319	1552	1558	1565	rVB	52351	87211	5.23%	0.775%
54	11.489	1578	1586	1595	rBV	590800	955922	57.33%	8.491%
55	11.666	1612	1615	1616	rVV3	613	642	0.04%	0.006%
56	11.703	1616	1621	1625	rVV6	1719	3184	0.19%	0.028%
57	11.733	1625	1626	1629	rVB3	801	493	0.03%	0.004%
58	11.764	1629	1631	1634	rVB3	654	577	0.03%	0.005%
59	11.831	1640	1642	1643	rBV2	955	653	0.04%	0.006%
60	11.892	1650	1652	1657	rVB5	1272	1716	0.10%	0.015%
61	11.965	1663	1664	1666	rBV2	676	489	0.03%	0.004%
62	12.105	1685	1687	1689	rBV2	512	496	0.03%	0.004%
63	12.142	1691	1693	1695	rBV2	820	729	0.04%	0.006%
64	12.337	1717	1725	1728	rBV4	3943	7548	0.45%	0.067%
65	12.489	1744	1750	1756	rVB	78272	131901	7.91%	1.172%
66	12.562	1756	1762	1769	rVB	273354	445471	26.71%	3.957%
67	12.636	1771	1774	1775	rBV3	820	903	0.05%	0.008%
68	12.672	1778	1780	1783	rVB4	968	1073	0.06%	0.010%
69	12.739	1789	1791	1793	rBV3	669	899	0.05%	0.008%
70	12.837	1798	1807	1812	rBV5	5428	13949	0.84%	0.124%
71	12.959	1814	1827	1838	rBV8	13477	55377	3.32%	0.492%

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK67

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Title : VOC Analysis

72	13.099	1839	1850	1852	rBV9	5395	16425	0.98%	0.146%
73	13.184	1859	1864	1868	rVB2	10748	16836	1.01%	0.150%
74	13.282	1876	1880	1885	rVB5	2212	4389	0.26%	0.039%
75	13.343	1885	1890	1891	rBV3	1736	2541	0.15%	0.023%
76	13.361	1891	1893	1894	rVV2	994	708	0.04%	0.006%
77	13.422	1896	1903	1910	rVV	625263	960023	57.57%	8.527%
78	13.666	1934	1943	1945	rBV8	6236	16610	1.00%	0.148%
79	13.721	1946	1952	1959	rVB	616906	972181	58.30%	8.635%
80	13.965	1986	1992	1998	rBV	18731	30954	1.86%	0.275%
81	14.202	2029	2031	2035	rBV5	1500	1317	0.08%	0.012%
82	14.306	2047	2048	2050	rBV2	915	749	0.04%	0.007%
83	14.330	2050	2052	2056	rVB3	2034	2179	0.13%	0.019%
84	14.550	2086	2088	2089	rBV2	1095	1071	0.06%	0.010%
85	14.605	2095	2097	2101	rBV5	1904	3095	0.19%	0.027%
86	14.678	2104	2109	2113	rVV6	3478	6758	0.41%	0.060%
87	14.940	2149	2152	2156	rBV5	2280	4501	0.27%	0.040%
88	15.056	2167	2171	2178	rVB5	5928	11916	0.71%	0.106%
89	15.202	2191	2195	2196	rBV4	1628	2035	0.12%	0.018%
90	15.306	2207	2212	2220	rVB6	9510	22544	1.35%	0.200%
91	15.391	2224	2226	2230	rBV5	3430	5449	0.33%	0.048%
92	15.519	2244	2247	2253	rVB4	3112	5347	0.32%	0.047%
93	15.574	2253	2256	2258	rBV4	1432	1942	0.12%	0.017%
94	15.818	2292	2296	2300	rVB6	2656	4190	0.25%	0.037%
95	16.019	2326	2329	2331	rBV3	3366	4200	0.25%	0.037%
96	16.287	2369	2373	2378	rVB4	5714	8990	0.54%	0.080%
97	16.489	2401	2406	2413	rVB6	5746	12511	0.75%	0.111%
98	16.543	2413	2415	2420	rVB6	1151	1400	0.08%	0.012%
99	16.629	2427	2429	2432	rBV4	1165	1341	0.08%	0.012%
100	16.763	2450	2451	2454	rBV3	940	596	0.04%	0.005%

Sum of corrected areas: 11258322

LSC Report - Integrated Chromatogram

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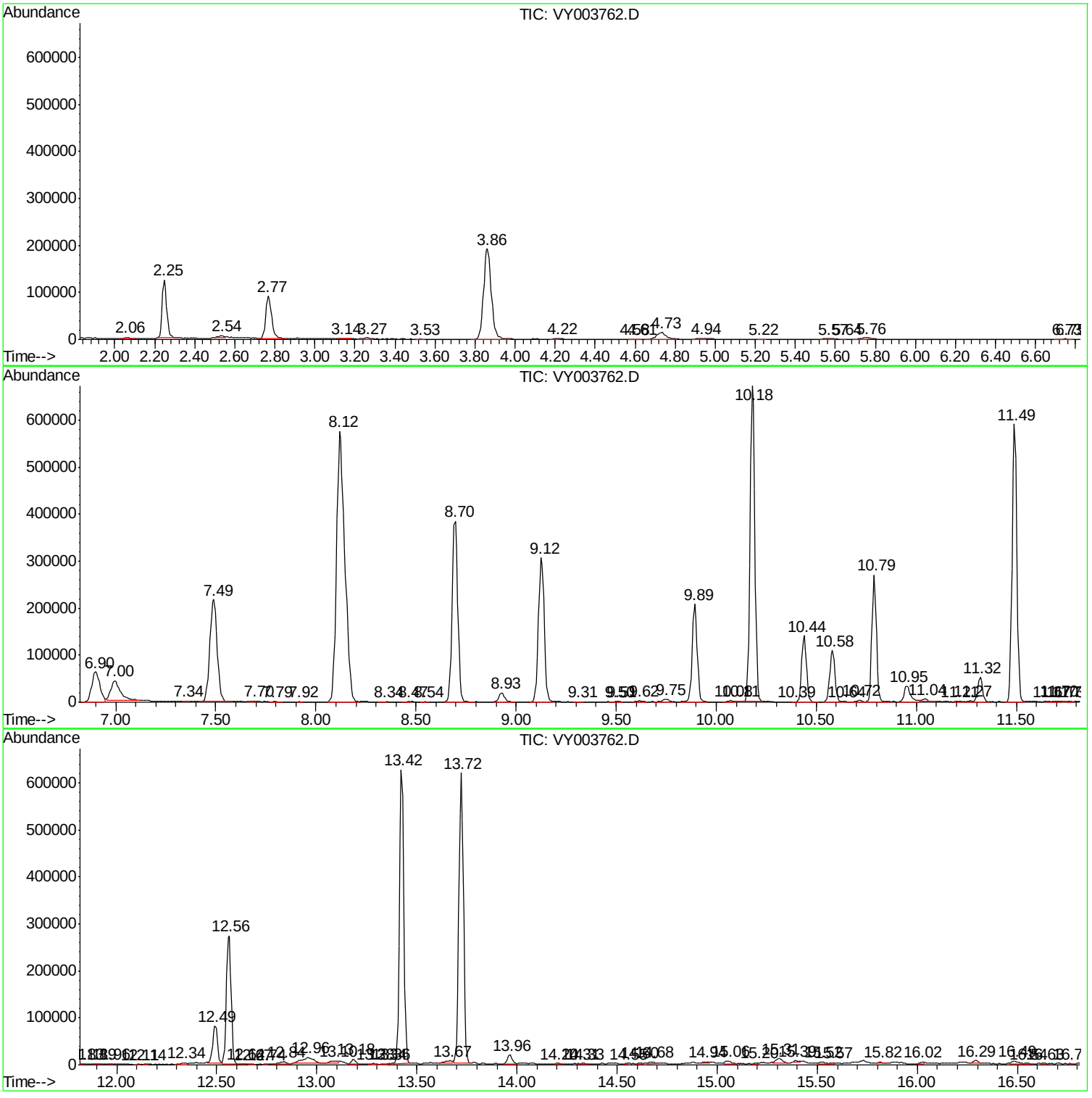
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_Y
ClientSampleId : VIBLK67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

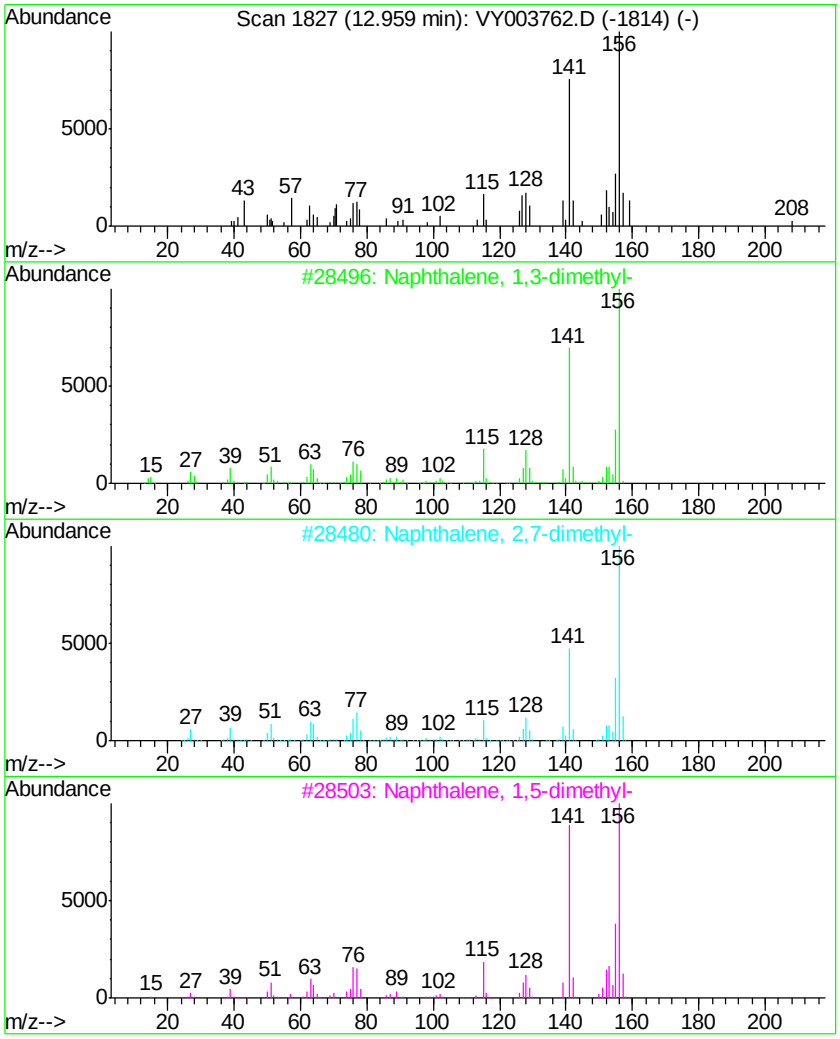
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

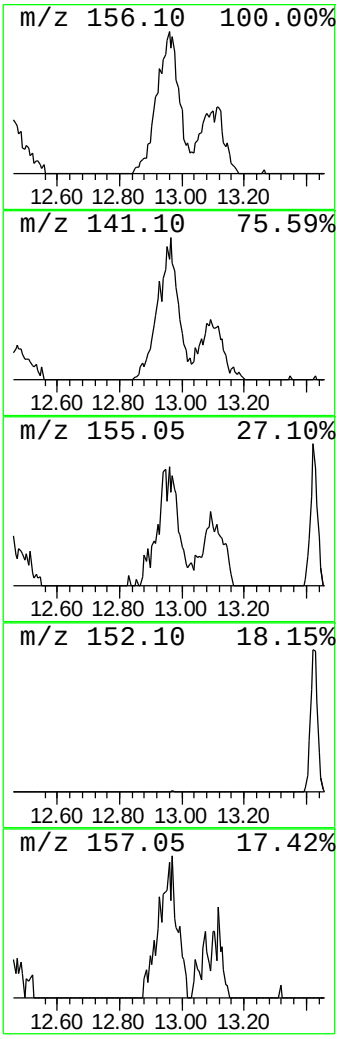
****

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	1.44 ug/L	55377	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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
Naphthalene, 1,3-...	12.96	1.4	ug/L	55377	3	13.42	960023	25.0