LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
Data File : VW016162.D
Acq On : 12 Aug 2020 15:48
Operator : SY/VA
Sample : L3628-01
Misc : 6.50G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAYA7

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_W\METHOD\SOM2WLM081020S.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	2.355	67	74	91	rBV	79840	188387	12.14%	1.636%
2	2.885	154	161	175	rBV	61029	161988	10.44%	1.406%
3	3.916	329	330	332	rBV	384	251	0.02%	0.002%
4	4.007	334	345	362	rBV	168162	567333	36.55%	4.925%
5	4.342	397	400	401	rBV2	477	501	0.03%	0.004%
6	4.361	401	403	404	rVV	586	339	0.02%	0.003%
7	4.519	425	429	430	rBV	194	195	0.01%	0.002%
8	4.543	431	433	435	rVB	326	231	0.01%	0.002%
9	4.580	435	439	440	rBV	318	305	0.02%	0.003%
10	4.604	440	443	445	rVB	408	485	0.03%	0.004%
11	4.629	445	447	449	rBV	238	237	0.02%	0.002%
12	4.665	449	453	455	rBV2	457	629	0.04%	0.005%
13	4.915	484	494	509	rVB2	8615	31287	2.02%	0.272%
14	5.056	515	517	521	rBV3	260	316	0.02%	0.003%
15	5.092	521	523	525	rBV2	309	247	0.02%	0.002%
16	5.763	632	633	635	rBV	333	331	0.02%	0.003%
17	5.787	635	637	639	rVV2	375	251	0.02%	0.002%
18	5.934	653	661	670	rVV4	1774	4793	0.31%	0.042%
19	6.037	676	678	683	rBV2	259	347	0.02%	0.003%
20	6.080	683	685	689	rVV2	199	245	0.02%	0.002%
21	6.183	700	702	706	rVB2	215	260	0.02%	0.002%
22	6.220	706	708	709	rBV	267	182	0.01%	0.002%
23	6.238	709	711	714	rVB2	277	274	0.02%	0.002%
24	6.872	812	815	817	rBV	353	399	0.03%	0.003%
25	6.909	817	821	824	rVV2	832	1209	0.08%	0.010%
26	6.939	824	826	830	rVB	312	362	0.02%	0.003%
27	7.086	840	850	859	rBV	38210	107318	6.91%	0.932%
28	7.452	908	910	912	rVB2	203	167	0.01%	0.001%
29	7.470	912	913	918	rBV	402	410	0.03%	0.004%
30	7.543	922	925	927	rBV3	549	632	0.04%	0.005%
31	7.647	931	942	952	rBV	270604	662723	42.70%	5.754%
32	7.799	965	967	969	rVV2	232	251	0.02%	0.002%
33	7.854	973	976	977	rBV2	252	253	0.02%	0.002%
34	7.951	985	992	999	rBV4	1397	3007	0.19%	0.026%

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

35	8.012	1001	1002	1004	rBV	231	174	0.01%	0.002%
36	8.275	1035	1045	1061	rBV2	533879	1552114	100.00%	13.475%
37	8.555	1084	1091	1095	rVB2	501	1025	0.07%	0.009%
38	8.622	1100	1102	1107	rVB2	307	328	0.02%	0.003%
39	8.707	1111	1116	1117	rBV3	1336	1968	0.13%	0.017%
40	8.842	1130	1138	1155	rBV	561676	1117842	72.02%	9.705%
41	9.085	1173	1178	1183	rVB7	1736	3224	0.21%	0.028%
42	9.140	1185	1187	1189	rVB2	399	298	0.02%	0.003%
43	9.171	1189	1192	1195	rBV2	168	266	0.02%	0.002%
44	9.274	1201	1209	1224	rBV	351978	716360	46.15%	6.219%
45	9.415	1227	1232	1238	rVB3	4825	9061	0.58%	0.079%
46	9.530	1250	1251	1254	rVB	211	200	0.01%	0.002%
47	9.585	1258	1260	1262	rVB2	224	192	0.01%	0.002%
48	9.634	1266	1268	1270	rVV2	219	212	0.01%	0.002%
49	9.665	1270	1273	1277	rVV4	870	1312	0.08%	0.011%
50	9.719	1281	1282	1285	rBV2	195	184	0.01%	0.002%
51	9.884	1307	1309	1310	rBV	365	260	0.02%	0.002%
52	9.902	1310	1312	1314	rVB2	289	241	0.02%	0.002%
53	10.036	1325	1334	1344	rBV	187259	334599	21.56%	2.905%
54	10.329	1373	1382	1389	rBV	760173	1362852	87.81%	11.832%
55	10.506	1408	1411	1415	rBV3	663	721	0.05%	0.006%
56	10.579	1416	1423	1433	rVV	123621	211380	13.62%	1.835%
57	10.707	1438	1444	1453	rVB4	11344	20502	1.32%	0.178%
58	10.805	1458	1460	1462	rBV2	426	348	0.02%	0.003%
59	10.866	1465	1470	1474	rBV4	1009	1548	0.10%	0.013%
60	10.927	1474	1480	1492	rBV	171622	289156	18.63%	2.510%
61	11.073	1498	1504	1513	rVV	47899	80248	5.17%	0.697%
62	11.164	1517	1519	1520	rVB	564	258	0.02%	0.002%
63	11.317	1541	1544	1547	rBV2	218	328	0.02%	0.003%
64	11.365	1550	1552	1553	rBV2	241	170	0.01%	0.001%
65	11.408	1556	1559	1560	rVB2	366	338	0.02%	0.003%
66	11.439	1562	1564	1565	rVB	384	236	0.02%	0.002%
67	11.573	1583	1586	1587	rBV3	289	378	0.02%	0.003%
68	11.634	1588	1596	1607	rVV	795217	1320632	85.09%	11.465%
69	11.792	1620	1622	1625	rVB2	229	202	0.01%	0.002%
70	11.847	1625	1631	1640	rBV6	3146	7771	0.50%	0.067%
71	11.987	1650	1654	1655	rBV	269	322	0.02%	0.003%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

72	12.030	1658	1661	1663	rVV2	202	185	0.01%	0.002%
73	12.170	1679	1684	1690	rBV4	805	1237	0.08%	0.011%
74	12.347	1708	1713	1717	rBV4	1845	3125	0.20%	0.027%
75	12.438	1726	1728	1729	rBV	258	233	0.02%	0.002%
76	12.457	1729	1731	1734	rVV2	479	453	0.03%	0.004%
77	12.505	1737	1739	1741	rBV2	297	225	0.01%	0.002%
78	12.542	1744	1745	1750	rBV2	226	276	0.02%	0.002%
79	12.609	1751	1756	1761	rBV3	12089	19013	1.22%	0.165%
80	12.694	1763	1770	1778	rBV	273682	453003	29.19%	3.933%
81	12.804	1786	1788	1790	rVB2	431	325	0.02%	0.003%
82	12.896	1801	1803	1805	rBV	497	493	0.03%	0.004%
83	13.048	1823	1828	1831	rBV3	452	710	0.05%	0.006%
84	13.103	1834	1837	1838	rVB2	268	242	0.02%	0.002%
85	13.115	1838	1839	1841	rBV	247	200	0.01%	0.002%
86	13.243	1855	1860	1864	rBV6	934	2123	0.14%	0.018%
87	13.396	1879	1885	1890	rBV5	1974	3318	0.21%	0.029%
88	13.481	1898	1899	1900	rBV	548	316	0.02%	0.003%
89	13.499	1900	1902	1905	rVV2	951	804	0.05%	0.007%
90	13.560	1905	1912	1922	rVV	737598	1160092	74.74%	10.072%
91	13.652	1923	1927	1933	rVB4	4384	6908	0.45%	0.060%
92	13.853	1952	1960	1969	rBV	649523	1063805	68.54%	9.236%
93	14.072	1992	1996	2004	rVB2	7415	11934	0.77%	0.104%
94	14.322	2033	2037	2045	rVB5	2936	5218	0.34%	0.045%
95	14.450	2056	2058	2060	rBV3	389	376	0.02%	0.003%
96	14.719	2100	2102	2106	rVB3	461	565	0.04%	0.005%
97	14.755	2106	2108	2112	rBV4	399	562	0.04%	0.005%
98	15.176	2175	2177	2179	rBV2	698	750	0.05%	0.007%
99	15.340	2201	2204	2207	rBV3	647	1042	0.07%	0.009%
100	15.493	2224	2229	2238	rBV	4105	7447	0.48%	0.065%

Sum of corrected areas: 11518375

LSC Report - Integrated Chromatogram

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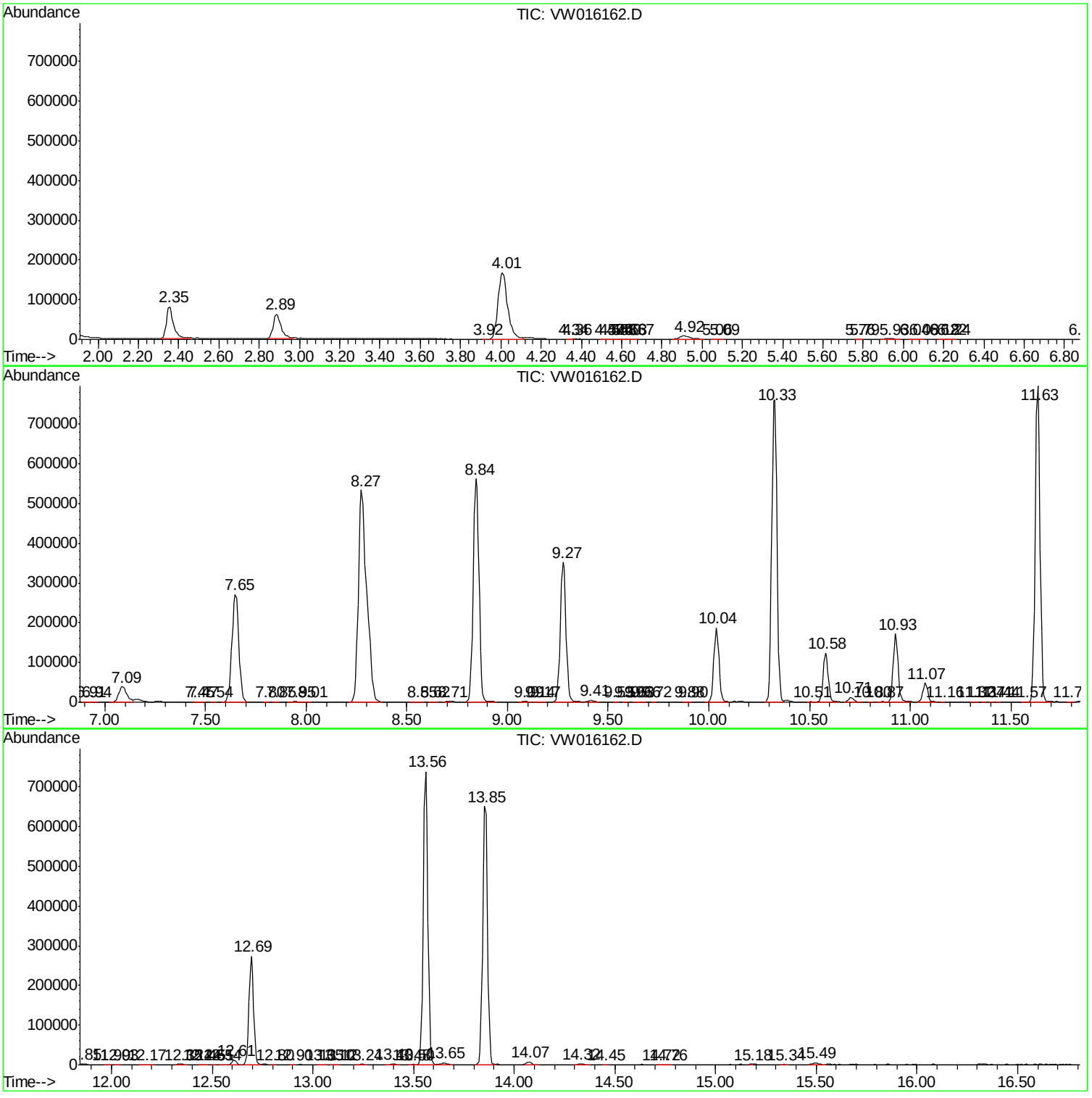
Instrument : MSVOA_W
ClientSampleId : GAYA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

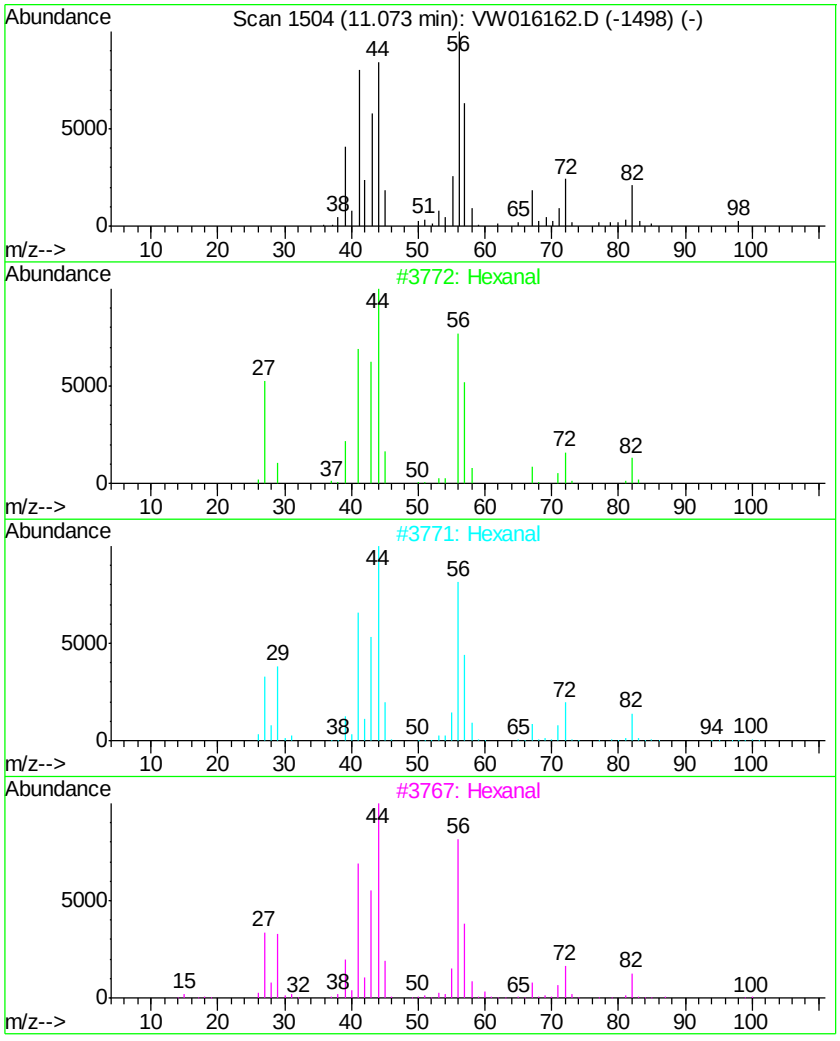
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

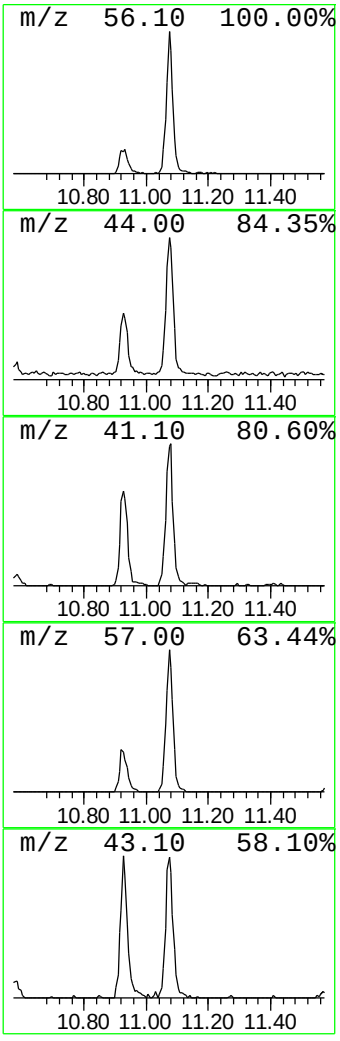
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.52 ug/L	80248	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	50
5	Cyclohexanol	100	C6H12O	000108-93-0	27





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	11.07	1.5	ug/L	80248	2	11.63	1320630	25.0