LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
Data File : VW009178.D
Acq On : 14 Mar 2019 19:16
Operator : SY/VA
Sample : K1794-10
Misc : 4.30G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5P0

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\SOM2WLM031419S.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	70	74	87	rVB	98213	217357	14.42%	2.045%
2	2.891	157	162	173	rVB	89914	225883	14.98%	2.125%
3	4.013	336	346	358	rBV	180127	582000	38.61%	5.476%
4	4.531	429	431	434	rVB4	1139	959	0.06%	0.009%
5	4.604	441	443	446	rBV4	1483	1060	0.07%	0.010%
6	4.739	461	465	468	rBV6	1492	2372	0.16%	0.022%
7	4.909	483	493	506	rBV3	18478	74097	4.92%	0.697%
8	5.129	527	529	533	rBV3	1654	2313	0.15%	0.022%
9	5.159	533	534	538	rVB4	1108	1222	0.08%	0.011%
10	5.318	558	560	563	rBV3	1200	1360	0.09%	0.013%
11	5.525	592	594	596	rBV3	616	672	0.04%	0.006%
12	5.543	596	597	599	rBV3	932	743	0.05%	0.007%
13	5.598	605	606	609	rBV2	808	712	0.05%	0.007%
14	5.659	613	616	618	rBV3	1685	1955	0.13%	0.018%
15	5.690	618	621	622	rBV2	986	815	0.05%	0.008%
16	5.927	653	660	670	rVB4	9495	26441	1.75%	0.249%
17	6.031	675	677	681	rBV3	812	1155	0.08%	0.011%
18	6.068	681	683	685	rBV3	534	627	0.04%	0.006%
19	6.104	687	689	690	rBV2	1152	568	0.04%	0.005%
20	6.159	696	698	701	rBV3	1005	1335	0.09%	0.013%
21	6.342	726	728	730	rBV3	886	974	0.06%	0.009%
22	6.397	733	737	741	rBV4	1482	2553	0.17%	0.024%
23	6.494	751	753	755	rBV	621	650	0.04%	0.006%
24	6.586	766	768	770	rBV2	922	893	0.06%	0.008%
25	6.714	787	789	792	rVB3	885	903	0.06%	0.008%
26	6.818	805	806	808	rBV2	869	653	0.04%	0.006%
27	6.866	812	814	815	rBV2	806	609	0.04%	0.006%
28	6.915	818	822	823	rBV3	832	807	0.05%	0.008%
29	6.933	823	825	827	rBV2	1290	1363	0.09%	0.013%
30	6.976	830	832	833	rBV2	704	725	0.05%	0.007%
31	7.080	841	849	855	rBV	39548	116742	7.74%	1.098%
32	7.287	880	883	889	rBV5	1586	2825	0.19%	0.027%
33	7.336	889	891	894	rVB4	1055	1299	0.09%	0.012%
34	7.433	905	907	910	rBV3	1142	1054	0.07%	0.010%

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	7.641	931	941	954	rBV	274654	659595	43.75%	6.206%
36	7.799	965	967	969	rVV2	972	773	0.05%	0.007%
37	7.878	978	980	984	rVB3	1600	1617	0.11%	0.015%
38	7.909	984	985	986	rBV	1183	687	0.05%	0.006%
39	8.031	1001	1005	1008	rBV4	883	1584	0.11%	0.015%
40	8.067	1008	1011	1012	rVV2	784	878	0.06%	0.008%
41	8.153	1020	1025	1026	rBV4	1198	981	0.07%	0.009%
42	8.189	1029	1031	1033	rVB2	1016	1003	0.07%	0.009%
43	8.275	1033	1045	1060	rBV2	501178	1507559	100.00%	14.184%
44	8.439	1071	1072	1074	rBV2	1164	792	0.05%	0.007%
45	8.476	1076	1078	1079	rBV2	1167	676	0.04%	0.006%
46	8.683	1108	1112	1113	rBV3	2383	2344	0.16%	0.022%
47	8.768	1124	1126	1127	rBV2	1421	1371	0.09%	0.013%
48	8.842	1129	1138	1149	rVV	541590	1067709	70.82%	10.046%
49	8.994	1162	1163	1166	rBV2	1138	1482	0.10%	0.014%
50	9.031	1167	1169	1170	rBV2	1446	1196	0.08%	0.011%
51	9.128	1182	1185	1188	rBV5	1316	2030	0.13%	0.019%
52	9.274	1200	1209	1226	rVB	340600	703592	46.67%	6.620%
53	9.390	1226	1228	1231	rBV3	1124	1114	0.07%	0.010%
54	9.500	1244	1246	1247	rBV3	1000	777	0.05%	0.007%
55	9.610	1261	1264	1265	rBV3	576	622	0.04%	0.006%
56	9.640	1267	1269	1271	rBV2	1062	1067	0.07%	0.010%
57	9.713	1278	1281	1282	rBV3	1537	1211	0.08%	0.011%
58	9.793	1293	1294	1296	rBV2	1159	818	0.05%	0.008%
59	9.860	1304	1305	1308	rVB2	2107	1663	0.11%	0.016%
60	9.890	1308	1310	1313	rBV3	966	1029	0.07%	0.010%
61	9.939	1316	1318	1320	rVB3	778	687	0.05%	0.006%
62	9.975	1323	1324	1325	rBV	1201	605	0.04%	0.006%
63	10.036	1325	1334	1343	rVV	163683	297819	19.76%	2.802%
64	10.207	1360	1362	1366	rVB5	1585	1953	0.13%	0.018%
65	10.323	1373	1381	1388	rBV	678949	1174887	77.93%	11.054%
66	10.573	1416	1422	1431	rVB	106490	193208	12.82%	1.818%
67	10.707	1439	1444	1449	rVB	10753	19348	1.28%	0.182%
68	10.927	1474	1480	1492	rBV2	161419	311740	20.68%	2.933%
69	11.061	1498	1502	1514	rVB2	33657	64112	4.25%	0.603%
70	11.439	1561	1564	1570	rVB3	9760	15078	1.00%	0.142%
71	11.628	1589	1595	1604	rVB	676395	1167224	77.42%	10.982%

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Integration Parameters: LSCINT.P
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	12.359	1713	1715	1718	rBV3	919	890	0.06%	0.008%
73	12.457	1728	1731	1733	rBV3	1487	1993	0.13%	0.019%
74	12.609	1752	1756	1762	rVV2	21414	30636	2.03%	0.288%
75	12.695	1762	1770	1778	rVB	238109	400196	26.55%	3.765%
76	12.810	1788	1789	1792	rVB2	1005	871	0.06%	0.008%
77	12.847	1792	1795	1796	rBV2	1082	1104	0.07%	0.010%
78	12.896	1800	1803	1805	rVB3	1621	1676	0.11%	0.016%
79	12.938	1805	1810	1814	rBV5	9224	14854	0.99%	0.140%
80	13.048	1826	1828	1834	rBV5	1411	2184	0.14%	0.021%
81	13.091	1834	1835	1839	rVB3	1150	904	0.06%	0.009%
82	13.213	1849	1855	1863	rBV2	47391	78557	5.21%	0.739%
83	13.292	1865	1868	1877	rVB5	9914	19637	1.30%	0.185%
84	13.475	1895	1898	1899	rBV3	1911	2073	0.14%	0.020%
85	13.560	1905	1912	1920	rBV	538134	857362	56.87%	8.067%
86	13.682	1930	1932	1933	rBV	1322	1098	0.07%	0.010%
87	13.755	1942	1944	1945	rBV2	1116	1013	0.07%	0.010%
88	13.798	1950	1951	1953	rVV2	1902	1283	0.09%	0.012%
89	13.853	1953	1960	1972	rVV	395352	693288	45.99%	6.523%
90	13.981	1979	1981	1984	rBV4	1378	1389	0.09%	0.013%
91	14.011	1984	1986	1990	rVV3	1676	2367	0.16%	0.022%
92	14.078	1994	1997	2004	rVB3	10664	17530	1.16%	0.165%
93	14.182	2012	2014	2015	rBV2	1480	1183	0.08%	0.011%
94	14.475	2060	2062	2063	rVB	1496	902	0.06%	0.008%
95	15.225	2183	2185	2187	rBV2	1509	1180	0.08%	0.011%
96	15.365	2207	2208	2210	rBV2	2012	1392	0.09%	0.013%
97	15.499	2228	2230	2233	rBV4	1707	1489	0.10%	0.014%
98	15.639	2250	2253	2257	rBV5	1643	2772	0.18%	0.026%
99	16.157	2336	2338	2339	rBV2	1482	1145	0.08%	0.011%
100	16.529	2398	2399	2401	rBV2	1351	725	0.05%	0.007%

Sum of corrected areas: 10628220

LSC Report - Integrated Chromatogram

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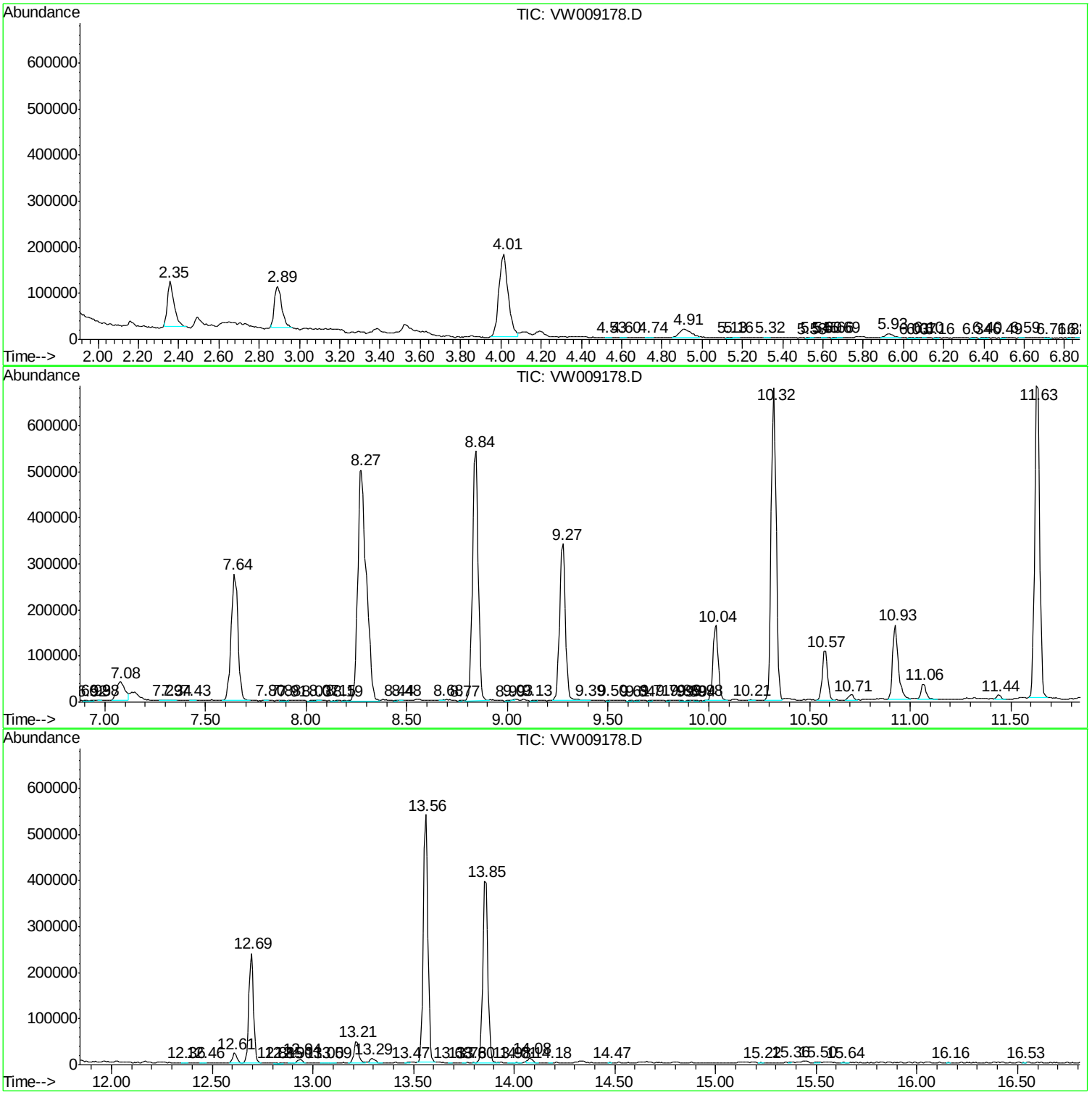
Instrument : MSVOA_W
ClientSampleId : BF5P0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

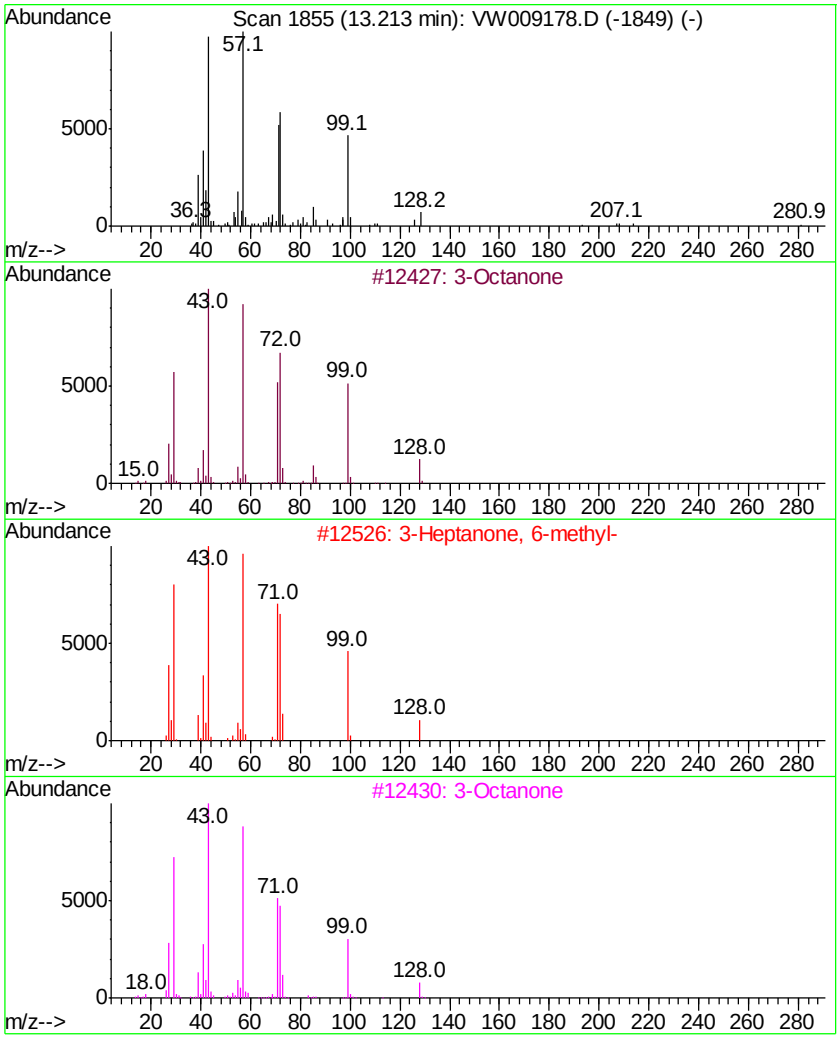
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

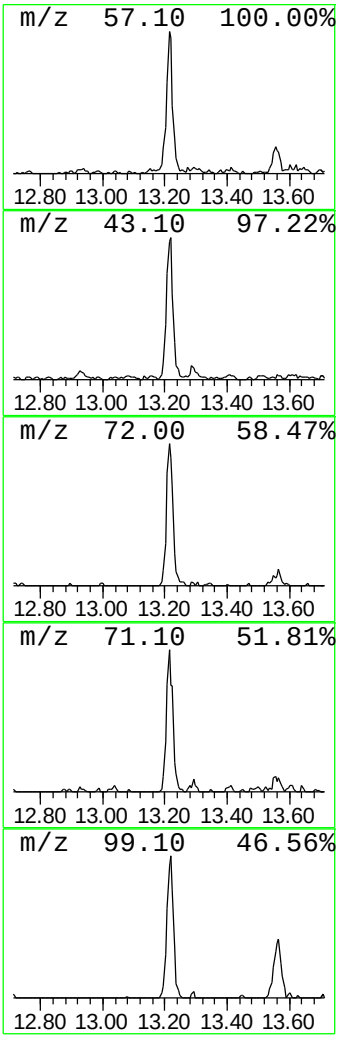
****

Peak Number 3 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.29 ug/L	78557	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	72
3	3-Octanone	128	C8H16O	000106-68-3	68
4	3-Octanone	128	C8H16O	000106-68-3	64
5	Hexanoic acid, 2-ethoxyethyl ester	188	C10H20O3	1000330-92-9	43





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Octanone	13.21	2.3	ug/L	78557	3	13.56	857362	25.0