LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010978.D
Acq On : 25 Jun 2019 20:21
Operator : SY/VA
Sample : K3460-06
Misc : 3.89G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW0

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\SOM2WLM062419S.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	2.154	39	41	46	rBV4	3702	5825	0.43%	0.059%
2	2.349	67	73	86	rVB	78842	150838	11.25%	1.522%
3	2.879	153	160	176	rBV	49500	130920	9.77%	1.321%
4	3.452	252	254	256	rBV3	634	587	0.04%	0.006%
5	3.544	262	269	270	rBV5	864	1733	0.13%	0.017%
6	3.690	289	293	295	rVB3	588	784	0.06%	0.008%
7	3.714	295	297	303	rVB4	693	1256	0.09%	0.013%
8	3.867	312	322	327	rBV7	1846	5355	0.40%	0.054%
9	4.019	335	347	361	rBV	121137	406302	30.31%	4.100%
10	4.226	380	381	388	rVB5	755	781	0.06%	0.008%
11	4.281	388	390	395	rVB4	659	756	0.06%	0.008%
12	4.391	400	408	420	rBV3	2501	8244	0.61%	0.083%
13	4.611	442	444	447	rVV2	434	457	0.03%	0.005%
14	4.665	447	453	459	rVB3	587	1278	0.10%	0.013%
15	4.921	482	495	507	rBV3	8955	38559	2.88%	0.389%
16	5.080	518	521	526	rVV5	577	1017	0.08%	0.010%
17	5.135	527	530	531	rBV2	409	415	0.03%	0.004%
18	5.269	550	552	554	rVB	727	578	0.04%	0.006%
19	5.555	596	599	603	rVB4	327	554	0.04%	0.006%
20	5.665	616	617	620	rVV2	499	516	0.04%	0.005%
21	5.720	625	626	628	rVV	537	464	0.03%	0.005%
22	5.744	628	630	634	rVV3	724	1035	0.08%	0.010%
23	5.940	651	662	668	rBV5	2778	9106	0.68%	0.092%
24	6.263	711	715	717	rBV3	566	793	0.06%	0.008%
25	6.415	735	740	744	rBV5	386	680	0.05%	0.007%
26	6.476	746	750	752	rBV2	302	449	0.03%	0.005%
27	6.586	764	768	770	rVB3	561	578	0.04%	0.006%
28	6.622	770	774	776	rVB3	404	461	0.03%	0.005%
29	6.848	810	811	815	rVB2	526	417	0.03%	0.004%
30	6.933	821	825	828	rBV4	345	595	0.04%	0.006%
31	7.074	839	848	854	rBV	59070	162944	12.15%	1.644%
32	7.360	893	895	900	rVB3	447	496	0.04%	0.005%
33	7.494	915	917	921	rBV2	498	779	0.06%	0.008%
34	7.531	921	923	925	rBV3	584	582	0.04%	0.006%

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Sample : K3460-06
Misc : 3.89G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW0

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\SOM2WLM062419S.M
Title : VOC Analysis

35	7.647	931	942	958	rVB	209038	520842	38.85%	5.255%
36	7.945	989	991	994	rVV4	923	1156	0.09%	0.012%
37	8.037	1004	1006	1008	rVB3	481	448	0.03%	0.005%
38	8.073	1008	1012	1015	rBV3	471	677	0.05%	0.007%
39	8.274	1034	1045	1061	rBV2	441031	1340700	100.00%	13.528%
40	8.482	1075	1079	1080	rBV3	515	714	0.05%	0.007%
41	8.610	1097	1100	1101	rVV3	547	536	0.04%	0.005%
42	8.683	1111	1112	1116	rVB3	522	600	0.04%	0.006%
43	8.841	1129	1138	1150	rBV	420526	821693	61.29%	8.291%
44	9.024	1164	1168	1169	rBV3	485	452	0.03%	0.005%
45	9.073	1169	1176	1184	rVB5	5678	12721	0.95%	0.128%
46	9.274	1199	1209	1221	rBV	323107	666140	49.69%	6.722%
47	9.433	1231	1235	1241	rVB5	744	1567	0.12%	0.016%
48	9.488	1241	1244	1247	rBV3	370	516	0.04%	0.005%
49	9.665	1265	1273	1277	rBV5	2083	4448	0.33%	0.045%
50	9.768	1287	1290	1293	rVB4	479	668	0.05%	0.007%
51	9.817	1295	1298	1302	rBV3	326	427	0.03%	0.004%
52	9.890	1307	1310	1317	rVB5	708	1128	0.08%	0.011%
53	9.957	1319	1321	1324	rBV2	529	589	0.04%	0.006%
54	10.030	1324	1333	1344	rBV	161891	301769	22.51%	3.045%
55	10.116	1344	1347	1358	rVB8	1566	3194	0.24%	0.032%
56	10.213	1359	1363	1373	rVB7	1432	2958	0.22%	0.030%
57	10.323	1373	1381	1389	rBV	603339	1051986	78.47%	10.615%
58	10.579	1413	1423	1436	rBV	110669	196391	14.65%	1.982%
59	10.701	1437	1443	1451	rVB	16069	28528	2.13%	0.288%
60	10.866	1469	1470	1472	rVB2	672	447	0.03%	0.005%
61	10.920	1472	1479	1496	rBV	220989	385489	28.75%	3.890%
62	11.067	1496	1503	1512	rVB	25006	45916	3.42%	0.463%
63	11.176	1517	1521	1524	rVV5	1033	1442	0.11%	0.015%
64	11.292	1538	1540	1543	rVB3	462	417	0.03%	0.004%
65	11.341	1543	1548	1550	rBV3	540	677	0.05%	0.007%
66	11.402	1555	1558	1560	rBV4	408	585	0.04%	0.006%
67	11.439	1560	1564	1569	rVB2	3050	4525	0.34%	0.046%
68	11.493	1571	1573	1577	rVB3	599	610	0.05%	0.006%
69	11.554	1580	1583	1586	rBV3	311	426	0.03%	0.004%
70	11.628	1588	1595	1605	rBV	580524	999865	74.58%	10.089%
71	11.835	1626	1629	1633	rVV4	1602	2308	0.17%	0.023%

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Operator : SY/VA
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Misc : 3.89G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW0

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\SOM2WLM062419S.M
Title : VOC Analysis

72	11.951	1643	1648	1649	rVB3	582	811	0.06%	0.008%
73	12.091	1669	1671	1673	rVV2	427	464	0.03%	0.005%
74	12.164	1679	1683	1692	rVB7	1490	2908	0.22%	0.029%
75	12.292	1701	1704	1707	rBV4	773	1092	0.08%	0.011%
76	12.347	1709	1713	1715	rVV3	888	1170	0.09%	0.012%
77	12.377	1715	1718	1719	rVV2	533	589	0.04%	0.006%
78	12.463	1727	1732	1737	rBV6	1408	2173	0.16%	0.022%
79	12.542	1741	1745	1747	rVB4	495	455	0.03%	0.005%
80	12.609	1747	1756	1761	rBV	16811	27633	2.06%	0.279%
81	12.694	1763	1770	1780	rVB	266701	433458	32.33%	4.374%
82	12.762	1780	1781	1785	rVB3	458	418	0.03%	0.004%
83	12.810	1785	1789	1794	rVB4	450	681	0.05%	0.007%
84	12.896	1794	1803	1805	rBV4	2671	5181	0.39%	0.052%
85	12.932	1805	1809	1816	rVB	8378	13703	1.02%	0.138%
86	13.164	1845	1847	1848	rBV2	709	506	0.04%	0.005%
87	13.261	1857	1863	1864	rBV6	742	1236	0.09%	0.012%
88	13.408	1883	1887	1891	rVB6	1943	3159	0.24%	0.032%
89	13.444	1891	1893	1895	rBV3	527	468	0.03%	0.005%
90	13.560	1905	1912	1920	rBV	592116	943199	70.35%	9.517%
91	13.652	1921	1927	1935	rVV	67254	112277	8.37%	1.133%
92	13.853	1953	1960	1968	rBV	561574	921864	68.76%	9.302%
93	14.072	1992	1996	2004	rVB	15395	24599	1.83%	0.248%
94	14.426	2049	2054	2058	rBV3	14129	23525	1.75%	0.237%
95	15.444	2214	2221	2225	rBV2	12215	21530	1.61%	0.217%
96	15.499	2225	2230	2239	rVB	14302	24833	1.85%	0.251%
97	15.962	2304	2306	2307	rBV2	693	686	0.05%	0.007%
98	16.200	2343	2345	2348	rBV3	704	886	0.07%	0.009%
99	16.474	2388	2390	2391	rBV2	648	557	0.04%	0.006%
100	16.627	2413	2415	2417	rBV3	770	727	0.05%	0.007%

Sum of corrected areas: 9910477

LSC Report - Integrated Chromatogram

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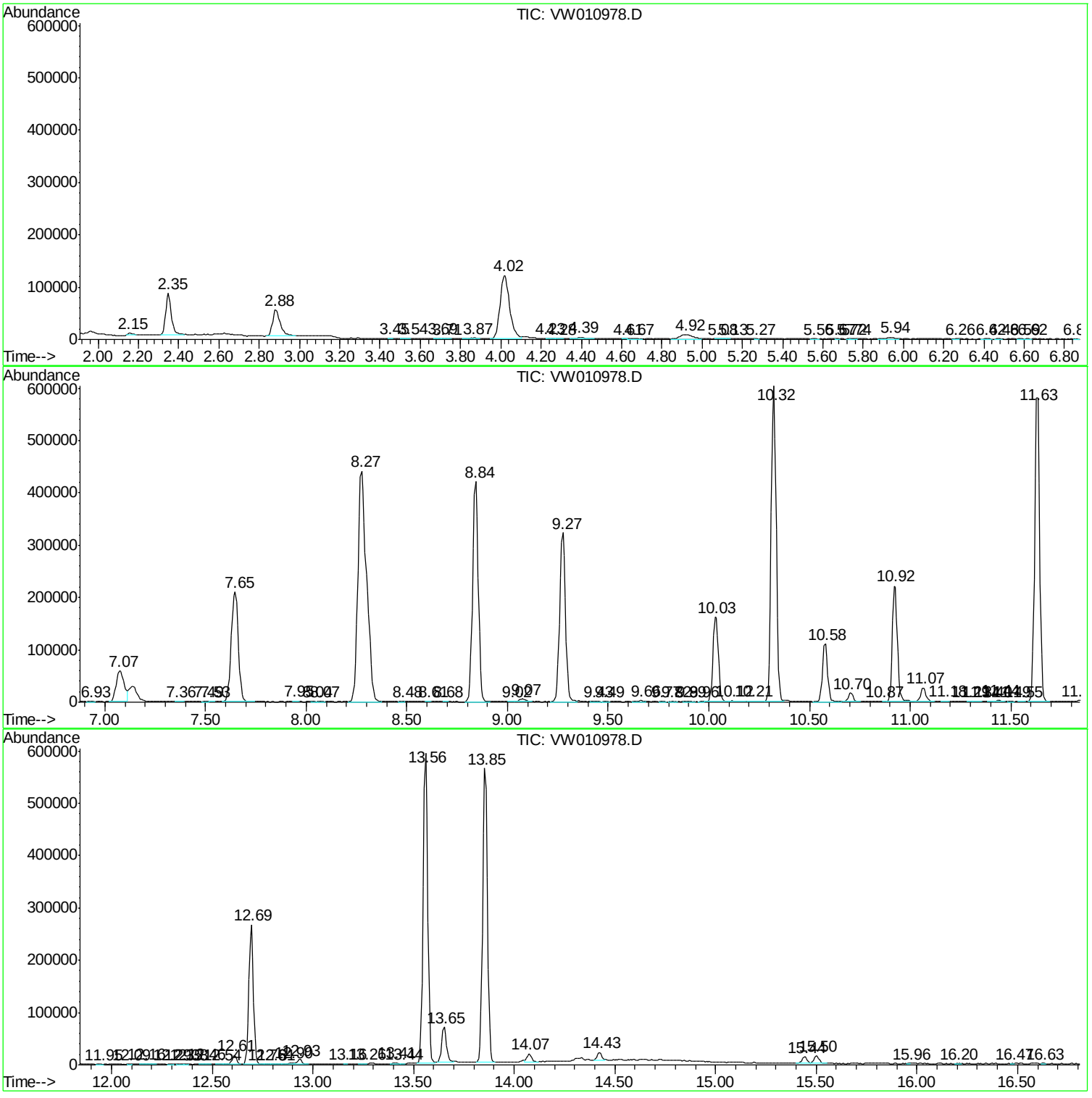
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

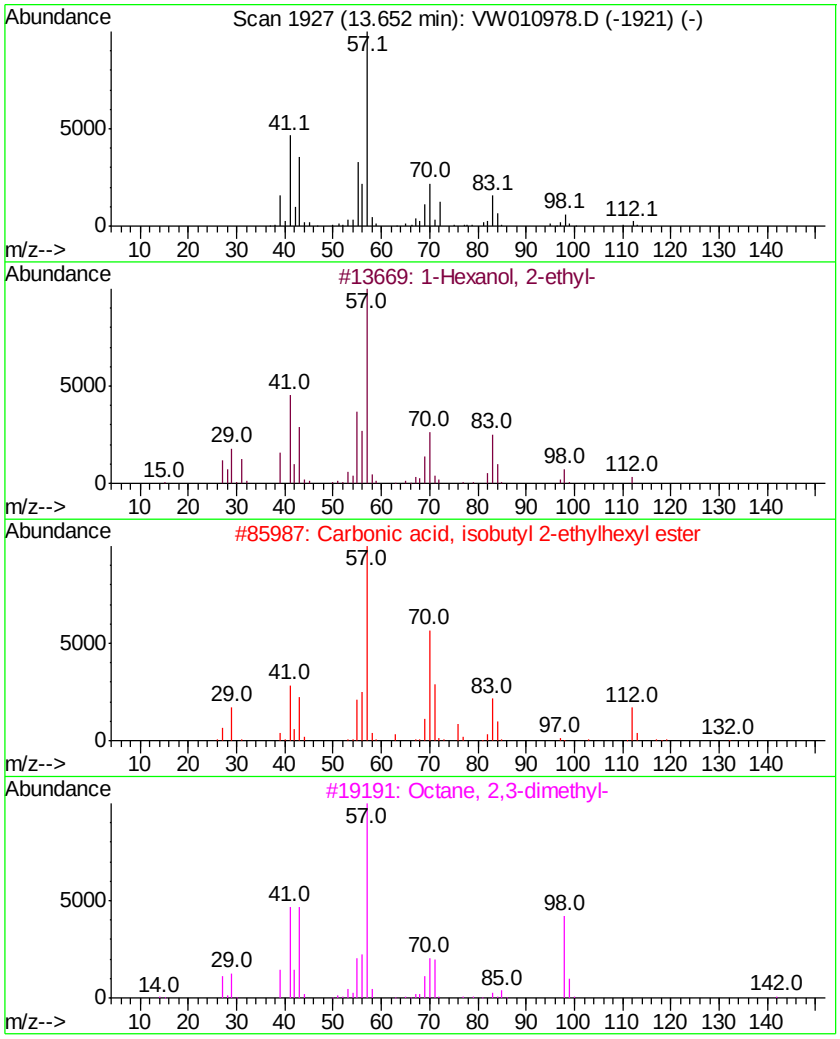
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

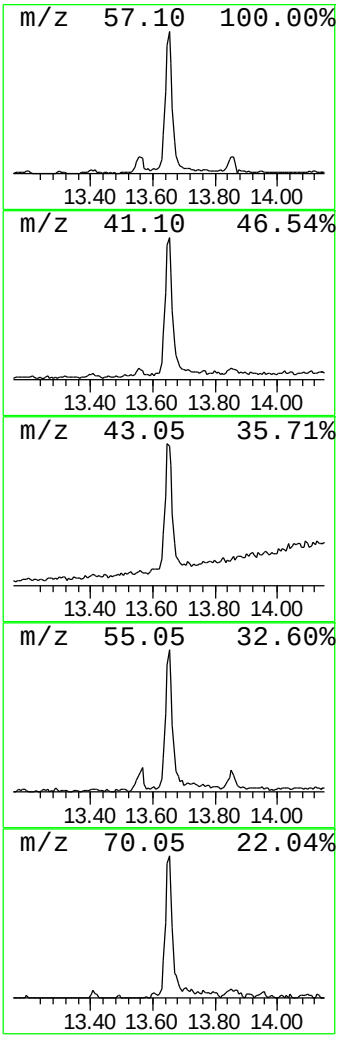
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.98 ug/L	112277	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062519\
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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-Hexanol, 2-ethyl-	13.65	3.0	ug/L	112277	3	13.56	943199	25.0