LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010983.D
Acq On : 25 Jun 2019 22:36
Operator : SY/VA
Sample : K3460-11
Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW5

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	2.148	38	40	41	rBV	4025	3492	0.27%	0.036%
2	2.343	67	72	81	rVB	66573	127205	9.82%	1.318%
3	2.879	154	160	174	rVB	44730	115209	8.89%	1.193%
4	3.245	218	220	223	rBV3	697	591	0.05%	0.006%
5	3.477	257	258	260	rBV2	606	491	0.04%	0.005%
6	3.702	293	295	296	rVV	538	373	0.03%	0.004%
7	3.720	296	298	301	rVB4	576	602	0.05%	0.006%
8	3.861	313	321	328	rVV4	1523	4218	0.33%	0.044%
9	4.013	334	346	361	rBV2	113597	376059	29.03%	3.895%
10	4.263	385	387	389	rBV2	423	444	0.03%	0.005%
11	4.348	399	401	402	rBV2	541	325	0.03%	0.003%
12	4.397	402	409	419	rVB5	2440	8535	0.66%	0.088%
13	4.543	430	433	436	rBV4	355	393	0.03%	0.004%
14	4.751	463	467	468	rBV2	622	764	0.06%	0.008%
15	4.915	481	494	505	rBV	10737	42878	3.31%	0.444%
16	5.391	570	572	576	rBV3	548	785	0.06%	0.008%
17	5.440	576	580	581	rBV3	364	510	0.04%	0.005%
18	5.476	584	586	589	rBV	531	422	0.03%	0.004%
19	5.629	607	611	612	rBV2	418	420	0.03%	0.004%
20	5.744	629	630	635	rVB3	682	716	0.06%	0.007%
21	5.927	650	660	671	rBV7	2690	9405	0.73%	0.097%
22	6.080	681	685	686	rBV2	498	567	0.04%	0.006%
23	6.122	691	692	696	rVB4	428	465	0.04%	0.005%
24	6.171	698	700	702	rBV3	416	473	0.04%	0.005%
25	6.318	722	724	727	rVV3	283	432	0.03%	0.004%
26	6.366	730	732	733	rBV	534	373	0.03%	0.004%
27	6.635	774	776	778	rBV2	481	551	0.04%	0.006%
28	6.714	788	789	792	rVB2	586	474	0.04%	0.005%
29	6.903	817	820	821	rBV2	454	326	0.03%	0.003%
30	6.927	821	824	826	rBV2	315	337	0.03%	0.003%
31	7.074	837	848	854	rBV	56299	156939	12.12%	1.626%
32	7.409	901	903	906	rVB4	564	630	0.05%	0.007%
33	7.451	906	910	911	rBV3	416	431	0.03%	0.004%
34	7.531	919	923	927	rBV5	657	1150	0.09%	0.012%

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Misc : 3.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW5

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_W\METHOD\SOM2WLM062419S.M
Title : VOC Analysis

35	7.647	930	942	955	rVV	202926	506696	39.12%	5.249%
36	7.823	969	971	973	rVB	442	366	0.03%	0.004%
37	7.872	976	979	980	rVB2	571	524	0.04%	0.005%
38	7.945	989	991	998	rBV5	721	1119	0.09%	0.012%
39	8.043	1005	1007	1010	rVB3	366	329	0.03%	0.003%
40	8.110	1016	1018	1021	rVB3	376	341	0.03%	0.004%
41	8.153	1021	1025	1028	rBV3	494	497	0.04%	0.005%
42	8.274	1032	1045	1061	rBV2	418830	1295228	100.00%	13.417%
43	8.439	1071	1072	1075	rVB3	580	422	0.03%	0.004%
44	8.549	1087	1090	1093	rVB5	306	456	0.04%	0.005%
45	8.665	1107	1109	1110	rBV	401	353	0.03%	0.004%
46	8.695	1110	1114	1118	rVB5	500	985	0.08%	0.010%
47	8.841	1129	1138	1147	rBV	410306	837253	64.64%	8.673%
48	9.073	1166	1176	1187	rVB2	8030	18619	1.44%	0.193%
49	9.207	1194	1198	1199	rBV2	310	379	0.03%	0.004%
50	9.274	1200	1209	1221	rBV	313938	647370	49.98%	6.706%
51	9.494	1242	1245	1246	rBV3	428	332	0.03%	0.003%
52	9.658	1267	1272	1279	rVB3	2327	4179	0.32%	0.043%
53	9.768	1287	1290	1293	rVB4	389	468	0.04%	0.005%
54	9.853	1302	1304	1305	rBV	552	378	0.03%	0.004%
55	10.036	1326	1334	1344	rVV	157401	291496	22.51%	3.019%
56	10.122	1345	1348	1351	rVB4	897	1322	0.10%	0.014%
57	10.207	1359	1362	1367	rVB4	1098	1654	0.13%	0.017%
58	10.250	1367	1369	1373	rVB4	553	638	0.05%	0.007%
59	10.323	1373	1381	1389	rBV	583675	1014946	78.36%	10.513%
60	10.500	1406	1410	1415	rVB4	390	716	0.06%	0.007%
61	10.579	1415	1423	1437	rBV	104443	186847	14.43%	1.935%
62	10.707	1437	1444	1451	rVB2	16913	31048	2.40%	0.322%
63	10.847	1462	1467	1472	rVV7	660	1408	0.11%	0.015%
64	10.926	1472	1480	1497	rVV	209273	366553	28.30%	3.797%
65	11.067	1497	1503	1514	rVV	25559	48077	3.71%	0.498%
66	11.176	1517	1521	1526	rVV4	1481	3004	0.23%	0.031%
67	11.213	1526	1527	1528	rVV	689	340	0.03%	0.004%
68	11.262	1532	1535	1536	rVV2	490	406	0.03%	0.004%
69	11.292	1538	1540	1542	rVV3	632	682	0.05%	0.007%
70	11.402	1555	1558	1559	rVV2	536	649	0.05%	0.007%
71	11.439	1559	1564	1571	rVB3	2989	5580	0.43%	0.058%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW5

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	11.524	1573	1578	1582	rBV4	321	555	0.04%	0.006%
73	11.628	1588	1595	1605	rBV	603613	1024996	79.14%	10.617%
74	11.798	1621	1623	1625	rBV3	373	429	0.03%	0.004%
75	11.841	1626	1630	1634	rVV7	998	1778	0.14%	0.018%
76	11.951	1646	1648	1650	rBV3	338	354	0.03%	0.004%
77	11.975	1650	1652	1655	rVB3	536	598	0.05%	0.006%
78	12.006	1655	1657	1658	rBV	370	331	0.03%	0.003%
79	12.048	1660	1664	1667	rVB2	597	987	0.08%	0.010%
80	12.091	1667	1671	1677	rBV4	683	1556	0.12%	0.016%
81	12.176	1680	1685	1686	rBV4	880	1155	0.09%	0.012%
82	12.335	1709	1711	1714	rVV3	776	880	0.07%	0.009%
83	12.469	1728	1733	1738	rVB5	756	1483	0.11%	0.015%
84	12.542	1744	1745	1748	rBV3	332	344	0.03%	0.004%
85	12.609	1749	1756	1762	rVB	15036	25489	1.97%	0.264%
86	12.694	1762	1770	1777	rBV	255112	413853	31.95%	4.287%
87	12.896	1797	1803	1805	rVV5	2855	4858	0.38%	0.050%
88	12.932	1805	1809	1815	rVB3	8375	13682	1.06%	0.142%
89	13.121	1838	1840	1843	rBV4	548	530	0.04%	0.005%
90	13.469	1895	1897	1898	rBV2	955	812	0.06%	0.008%
91	13.560	1905	1912	1920	rBV	586595	937061	72.35%	9.706%
92	13.652	1922	1927	1941	rVB	69931	117891	9.10%	1.221%
93	13.853	1953	1960	1967	rBV	540774	881794	68.08%	9.134%
94	14.072	1993	1996	2001	rVB2	13591	21356	1.65%	0.221%
95	15.444	2216	2221	2225	rBV2	13079	21410	1.65%	0.222%
96	15.499	2225	2230	2236	rVB	27370	48435	3.74%	0.502%
97	15.767	2272	2274	2278	rBV4	910	1001	0.08%	0.010%
98	15.932	2299	2301	2303	rBV3	778	577	0.04%	0.006%
99	16.541	2400	2401	2402	rBV	760	440	0.03%	0.005%
100	16.590	2407	2409	2414	rVB6	735	692	0.05%	0.007%

Sum of corrected areas: 9653972

LSC Report - Integrated Chromatogram

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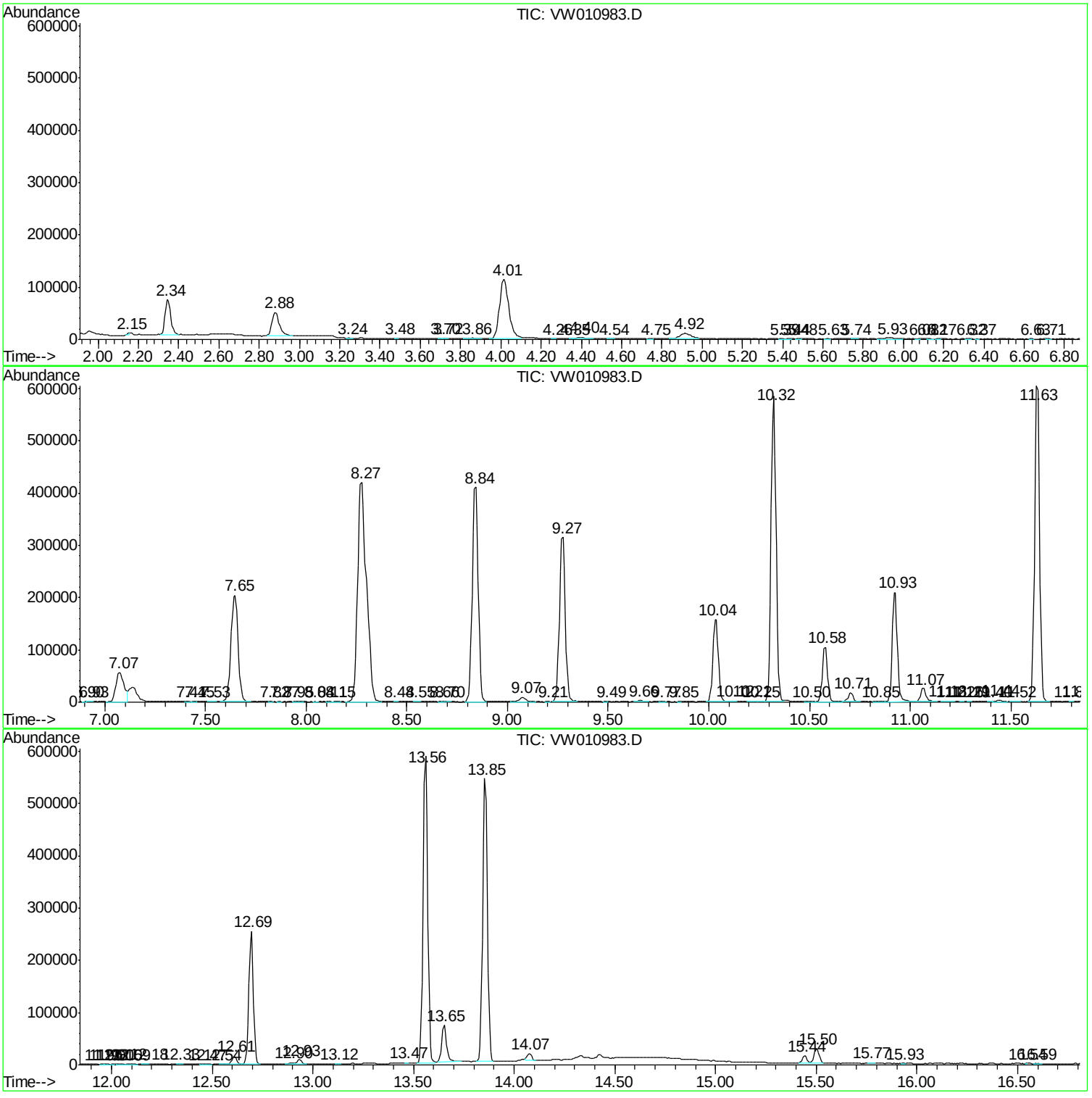
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW5

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062519\
Data File : VW010983.D
Acq On : 25 Jun 2019 22:36
Operator : SY/VA
Sample : K3460-11
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW5

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

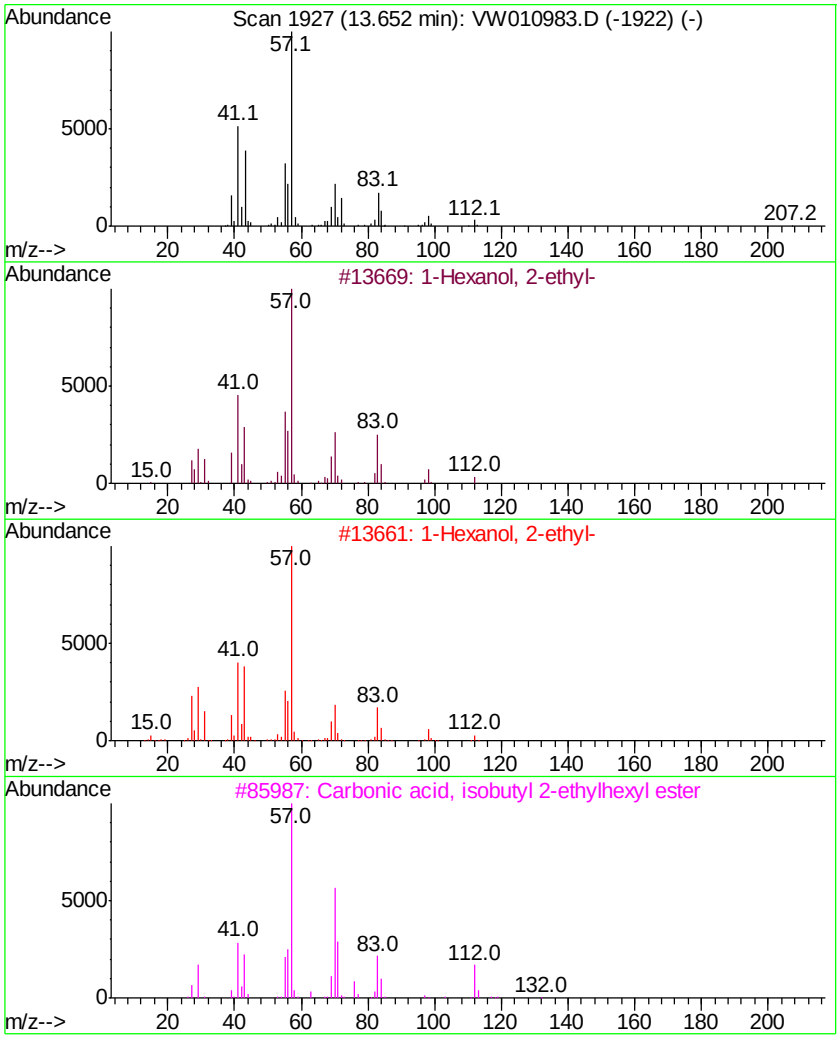
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

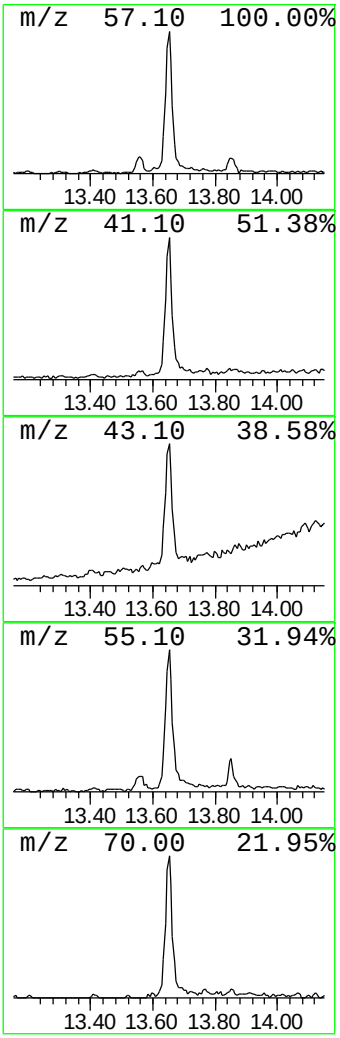
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.15 ug/L	117891	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





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-Hexanol, 2-ethyl-	13.65	3.1	ug/L	117891	3	13.56	937061	25.0