LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003543.D
Acq On : 25 Jun 2018 12:53
Operator : SY/AP
Sample : J3621-08
Misc : 7.44G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ60RE

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\SOM2WLM062018S.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	1.746	16	26	28	rBV	8804	16972	0.51%	0.154%
2	1.807	28	36	58	rVB	1509904	3309861	100.00%	30.082%
3	2.154	88	93	101	rBV	11031	31450	0.95%	0.286%
4	2.349	120	125	135	rVB	56129	100243	3.03%	0.911%
5	2.892	209	214	227	rVB	37490	91173	2.75%	0.829%
6	3.849	364	371	374	rBV6	1236	3053	0.09%	0.028%
7	4.007	386	397	412	rBV	81371	250226	7.56%	2.274%
8	4.288	442	443	448	rBV4	568	522	0.02%	0.005%
9	4.477	471	474	475	rBV3	477	371	0.01%	0.003%
10	4.641	497	501	503	rBV2	586	802	0.02%	0.007%
11	4.763	517	521	522	rBV2	279	317	0.01%	0.003%
12	4.910	534	545	551	rBV3	3682	12557	0.38%	0.114%
13	5.044	565	567	569	rVB3	371	356	0.01%	0.003%
14	5.172	585	588	590	rBV	477	420	0.01%	0.004%
15	5.349	615	617	620	rBV2	292	322	0.01%	0.003%
16	5.428	621	630	631	rBV3	3566	7566	0.23%	0.069%
17	5.513	642	644	647	rVB2	541	454	0.01%	0.004%
18	5.550	647	650	655	rBV3	475	692	0.02%	0.006%
19	5.629	659	663	667	rBV3	263	441	0.01%	0.004%
20	5.745	679	682	684	rBV3	415	499	0.02%	0.005%
21	5.940	705	714	722	rBV6	2063	6801	0.21%	0.062%
22	6.233	760	762	763	rVB2	401	252	0.01%	0.002%
23	6.263	763	767	768	rBV2	485	498	0.02%	0.005%
24	6.964	879	882	884	rBV	258	318	0.01%	0.003%
25	7.092	892	903	912	rBV	58443	179167	5.41%	1.628%
26	7.360	944	947	949	rBV3	339	399	0.01%	0.004%
27	7.446	958	961	964	rBV3	313	368	0.01%	0.003%
28	7.647	984	994	1005	rBV	138200	339755	10.26%	3.088%
29	7.946	1038	1043	1045	rVV5	823	1480	0.04%	0.013%
30	8.049	1057	1060	1061	rVV	405	264	0.01%	0.002%
31	8.281	1087	1098	1113	rBV2	255608	807042	24.38%	7.335%
32	8.403	1115	1118	1123	rBV2	818	1231	0.04%	0.011%
33	8.464	1126	1128	1129	rBV2	600	615	0.02%	0.006%
34	8.848	1182	1191	1201	rBV	319355	640498	19.35%	5.821%

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Misc : 7.44G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ60RE

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\SOM2WLM062018S.M
Title : VOC Analysis

35	8.945	1204	1207	1208	rBV3	446	457	0.01%	0.004%
36	9.092	1222	1231	1247	rBV	578730	1148027	34.69%	10.434%
37	9.208	1248	1250	1252	rVB2	440	353	0.01%	0.003%
38	9.281	1252	1262	1273	rBV	194895	399322	12.06%	3.629%
39	9.488	1295	1296	1298	rBV2	436	302	0.01%	0.003%
40	9.622	1317	1318	1321	rBV2	319	369	0.01%	0.003%
41	9.659	1321	1324	1330	rVB4	1454	2651	0.08%	0.024%
42	9.708	1330	1332	1336	rBV2	612	618	0.02%	0.006%
43	9.762	1337	1341	1345	rVB4	538	839	0.03%	0.008%
44	9.890	1360	1362	1367	rVB4	871	765	0.02%	0.007%
45	9.964	1370	1374	1377	rBV5	572	884	0.03%	0.008%
46	10.037	1379	1386	1395	rVV	98481	177753	5.37%	1.616%
47	10.201	1411	1413	1414	rBV2	513	389	0.01%	0.004%
48	10.214	1414	1415	1417	rBV	669	504	0.02%	0.005%
49	10.329	1426	1434	1441	rBV	338149	594429	17.96%	5.402%
50	10.390	1441	1444	1452	rVB3	6658	11781	0.36%	0.107%
51	10.451	1452	1454	1457	rVB3	419	398	0.01%	0.004%
52	10.506	1459	1463	1469	rBV5	2381	3685	0.11%	0.033%
53	10.579	1469	1475	1483	rBV	69751	123954	3.74%	1.127%
54	10.713	1493	1497	1502	rVB3	1830	3098	0.09%	0.028%
55	10.756	1502	1504	1506	rBV3	451	403	0.01%	0.004%
56	10.860	1514	1521	1526	rBV7	3158	6115	0.18%	0.056%
57	10.933	1526	1533	1547	rVV	225296	376026	11.36%	3.418%
58	11.262	1585	1587	1589	rBV3	346	274	0.01%	0.002%
59	11.305	1593	1594	1597	rBV3	295	319	0.01%	0.003%
60	11.347	1597	1601	1602	rBV3	367	463	0.01%	0.004%
61	11.408	1606	1611	1618	rVB7	2050	4305	0.13%	0.039%
62	11.512	1625	1628	1634	rBV5	999	2255	0.07%	0.020%
63	11.634	1640	1648	1657	rBV	446853	767405	23.19%	6.975%
64	11.701	1657	1659	1660	rVV2	708	631	0.02%	0.006%
65	11.732	1660	1664	1671	rVB4	1675	3462	0.10%	0.031%
66	11.847	1679	1683	1687	rVB3	3381	5581	0.17%	0.051%
67	11.982	1703	1705	1708	rVB2	362	325	0.01%	0.003%
68	12.024	1708	1712	1715	rBV2	449	636	0.02%	0.006%
69	12.103	1721	1725	1729	rVB4	1246	1955	0.06%	0.018%
70	12.171	1730	1736	1744	rVB8	2134	4809	0.15%	0.044%
71	12.341	1763	1764	1765	rBV	558	326	0.01%	0.003%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ60RE

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\SOM2WLM062018S.M
Title : VOC Analysis

72	12.402	1772	1774	1777	rVB2	357	278	0.01%	0.003%
73	12.469	1783	1785	1790	rVB3	1167	1721	0.05%	0.016%
74	12.585	1801	1804	1805	rBV3	460	383	0.01%	0.003%
75	12.616	1805	1809	1816	rVB3	4224	6948	0.21%	0.063%
76	12.701	1816	1823	1831	rBV	228722	366749	11.08%	3.333%
77	12.902	1847	1856	1861	rBV4	6226	10876	0.33%	0.099%
78	13.036	1874	1878	1882	rVB4	651	937	0.03%	0.009%
79	13.207	1903	1906	1909	rBV3	487	591	0.02%	0.005%
80	13.408	1934	1939	1942	rBV4	996	1579	0.05%	0.014%
81	13.475	1945	1950	1958	rBV5	6088	10751	0.32%	0.098%
82	13.567	1958	1965	1974	rVB	365105	586833	17.73%	5.333%
83	13.658	1974	1980	1989	rBV	35455	56992	1.72%	0.518%
84	13.865	2006	2014	2021	rBV	277513	465555	14.07%	4.231%
85	14.030	2038	2041	2044	rBV4	1144	1805	0.05%	0.016%
86	14.085	2046	2050	2058	rVB2	7828	12207	0.37%	0.111%
87	14.237	2072	2075	2076	rBV3	830	886	0.03%	0.008%
88	14.341	2087	2092	2100	rVB5	5806	9687	0.29%	0.088%
89	14.530	2121	2123	2125	rBV2	549	662	0.02%	0.006%
90	14.597	2132	2134	2137	rVB2	449	394	0.01%	0.004%
91	14.640	2137	2141	2144	rBV5	1038	1681	0.05%	0.015%
92	14.688	2147	2149	2151	rBV2	389	397	0.01%	0.004%
93	14.804	2163	2168	2169	rBV3	639	999	0.03%	0.009%
94	14.883	2177	2181	2185	rBV5	1036	1672	0.05%	0.015%
95	15.194	2228	2232	2236	rBV4	1025	1403	0.04%	0.013%
96	15.511	2277	2284	2290	rBV	2730	6265	0.19%	0.057%
97	15.804	2330	2332	2333	rBV	666	510	0.02%	0.005%
98	16.078	2376	2377	2379	rBV2	551	282	0.01%	0.003%
99	16.255	2405	2406	2407	rBV	626	382	0.01%	0.003%
100	16.401	2428	2430	2434	rBV3	672	625	0.02%	0.006%

Sum of corrected areas: 11002903

LSC Report - Integrated Chromatogram

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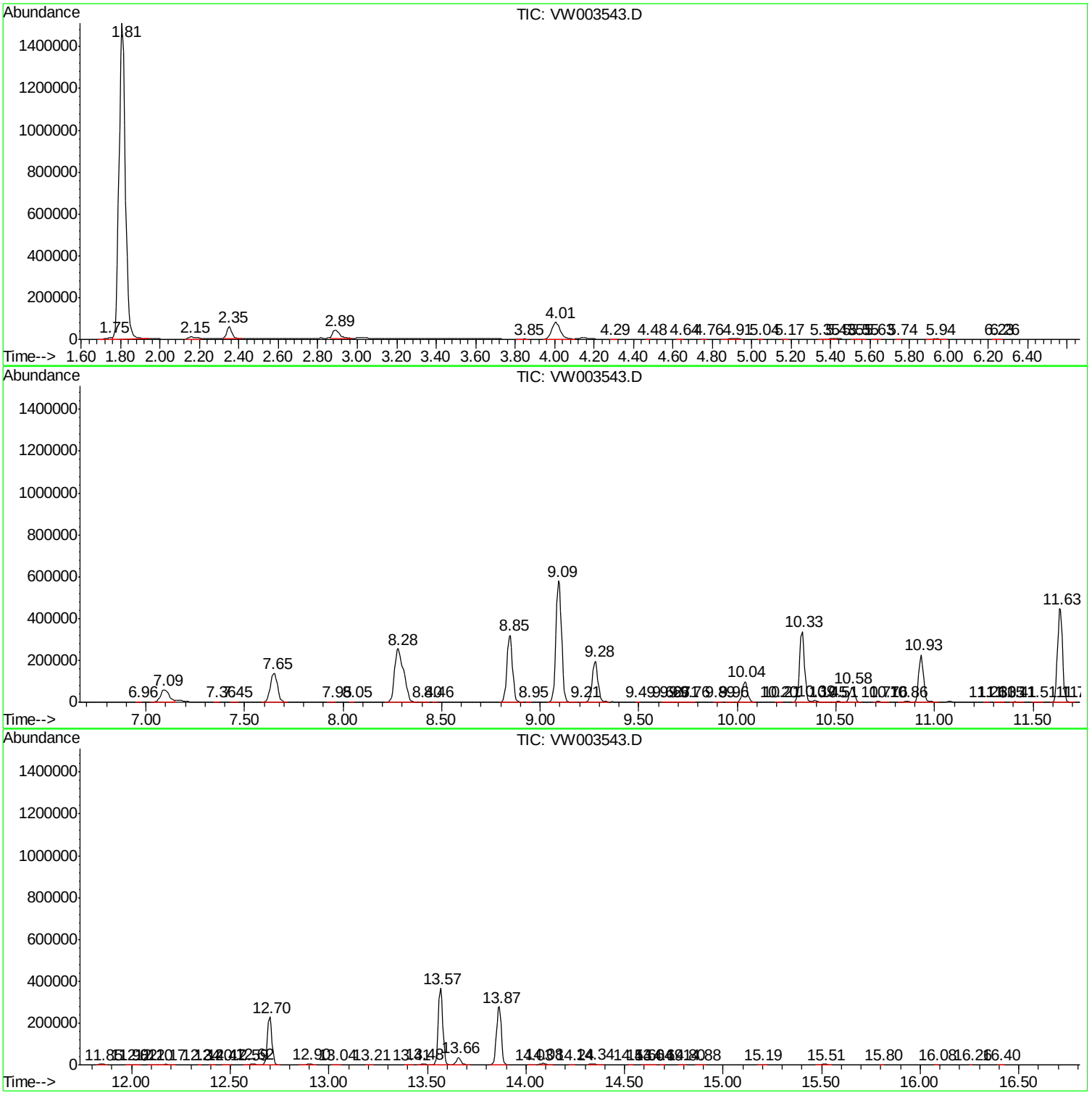
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ60RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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\VW062518\
Data File : VW003543.D
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Operator : SY/AP
Sample : J3621-08
Misc : 7.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ60RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

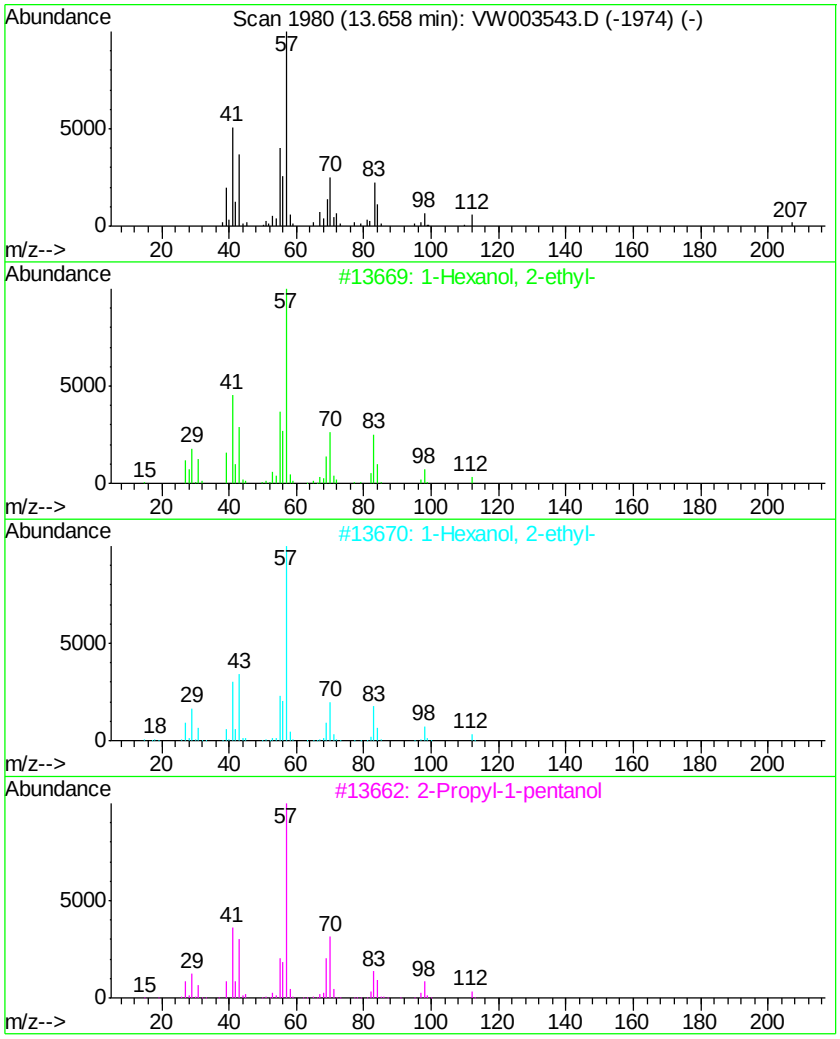
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

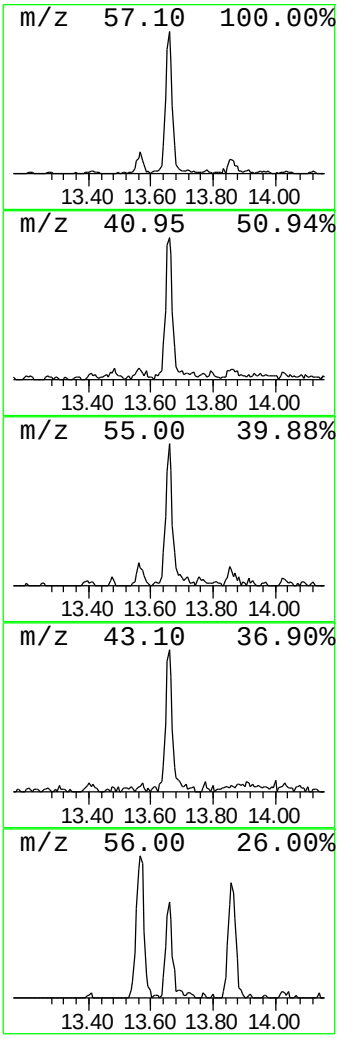
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.43 ug/L	56992	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	58
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
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-	13.66	2.4	ug/L	56992	3	13.57	586833	25.0