LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
Data File : VW009400.D
Acq On : 23 Mar 2019 20:16
Operator : SY/VA
Sample : K2062-16
Misc : 5.31G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

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	83	rVB	38795	71983	0.37%	0.290%
2	4.007	335	345	358	rBV3	59073	206709	1.06%	0.834%
3	4.287	389	391	394	rVB	2206	2493	0.01%	0.010%
4	4.318	394	396	397	rBV	2094	1915	0.01%	0.008%
5	4.483	422	423	425	rBV	2152	1786	0.01%	0.007%
6	4.708	458	460	463	rBV	1809	1386	0.01%	0.006%
7	4.806	474	476	477	rBV	1337	978	0.01%	0.004%
8	4.854	481	484	485	rBV	1788	1529	0.01%	0.006%
9	5.098	522	524	526	rBV	1761	2135	0.01%	0.009%
10	5.171	534	536	539	rVB	1269	1216	0.01%	0.005%
11	5.251	546	549	550	rBV	2320	2000	0.01%	0.008%
12	5.293	554	556	557	rVB	2145	1322	0.01%	0.005%
13	5.354	563	566	567	rBV2	1306	1159	0.01%	0.005%
14	5.379	568	570	572	rVV	2652	2119	0.01%	0.009%
15	5.403	572	574	577	rVB2	2416	2427	0.01%	0.010%
16	5.495	586	589	592	rBV	1507	2301	0.01%	0.009%
17	5.568	597	601	604	rBV2	1510	1576	0.01%	0.006%
18	5.592	604	605	607	rBV	1302	1019	0.01%	0.004%
19	5.751	629	631	632	rBV2	1520	1170	0.01%	0.005%
20	5.903	654	656	657	rBV	2090	1735	0.01%	0.007%
21	6.153	694	697	701	rBV	2012	2338	0.01%	0.009%
22	6.190	701	703	708	rVB3	1764	2567	0.01%	0.010%
23	6.366	729	732	733	rBV	2125	2223	0.01%	0.009%
24	6.586	766	768	769	rVB	2101	1008	0.01%	0.004%
25	6.629	774	775	776	rBV	1718	1129	0.01%	0.005%
26	6.793	800	802	804	rBV	3519	2980	0.02%	0.012%
27	6.830	807	808	810	rVV2	1984	1237	0.01%	0.005%
28	7.080	842	849	856	rBV	37096	100826	0.52%	0.407%
29	7.299	883	885	886	rBV	1846	1414	0.01%	0.006%
30	7.317	886	888	891	rVV	2123	2317	0.01%	0.009%
31	7.403	900	902	903	rBV	2401	2145	0.01%	0.009%
32	7.500	916	918	919	rBV	1771	1413	0.01%	0.006%
33	7.519	919	921	924	rBV2	2158	2258	0.01%	0.009%
34	7.647	930	942	952	rBV	125426	307143	1.57%	1.239%

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Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	7.769	958	962	964	rBV	2251	3146	0.02%	0.013%
36	7.860	975	977	979	rBV	1341	1133	0.01%	0.005%
37	7.884	979	981	983	rBV	1863	2016	0.01%	0.008%
38	7.903	983	984	985	rBV	2070	1116	0.01%	0.005%
39	8.019	1001	1003	1005	rBV	1917	1531	0.01%	0.006%
40	8.275	1036	1045	1061	rVB2	195951	648793	3.32%	2.617%
41	8.384	1061	1063	1065	rBV	2491	2404	0.01%	0.010%
42	8.634	1102	1104	1106	rBV2	1462	1283	0.01%	0.005%
43	8.683	1108	1112	1116	rVV5	1942	3231	0.02%	0.013%
44	8.756	1123	1124	1128	rVB2	1239	1208	0.01%	0.005%
45	8.842	1128	1138	1145	rBV	220320	434668	2.22%	1.754%
46	9.092	1175	1179	1184	rVB4	14365	25103	0.13%	0.101%
47	9.134	1184	1186	1188	rVB	1268	1077	0.01%	0.004%
48	9.268	1200	1208	1217	rVB	156856	323671	1.66%	1.306%
49	9.335	1217	1219	1220	rBV	2025	1674	0.01%	0.007%
50	9.396	1227	1229	1232	rBV	1999	3080	0.02%	0.012%
51	9.494	1242	1245	1247	rVB2	1778	1519	0.01%	0.006%
52	9.591	1257	1261	1262	rBV	1616	1511	0.01%	0.006%
53	9.610	1262	1264	1267	rVB	1860	1671	0.01%	0.007%
54	9.640	1267	1269	1270	rBV	2036	1735	0.01%	0.007%
55	9.719	1280	1282	1284	rBV2	2123	2207	0.01%	0.009%
56	9.750	1284	1287	1289	rVV	2224	2447	0.01%	0.010%
57	9.823	1296	1299	1301	rBV2	1329	1381	0.01%	0.006%
58	9.847	1301	1303	1304	rBV	1496	1000	0.01%	0.004%
59	9.939	1316	1318	1321	rVB3	1731	1632	0.01%	0.007%
60	10.030	1327	1333	1342	rBV2	80202	147259	0.75%	0.594%
61	10.213	1362	1363	1366	rBV	1655	1343	0.01%	0.005%
62	10.238	1366	1367	1374	rVB3	2331	3242	0.02%	0.013%
63	10.323	1374	1381	1390	rBV	256732	455207	2.33%	1.836%
64	10.500	1406	1410	1411	rBV2	2720	3403	0.02%	0.014%
65	10.579	1417	1423	1430	rVB	61233	103854	0.53%	0.419%
66	10.664	1435	1437	1439	rVB	1504	1135	0.01%	0.005%
67	10.738	1447	1449	1451	rVB	3033	2219	0.01%	0.009%
68	10.859	1459	1469	1476	rBV	11895765	19552790	100.00%	78.879%
69	10.927	1476	1480	1490	rVB	165623	281965	1.44%	1.137%
70	11.073	1499	1504	1512	rVB3	27644	49982	0.26%	0.202%
71	11.134	1512	1514	1515	rBV	2492	1479	0.01%	0.006%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

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

72	11.244	1531	1532	1534	rBV	1546	1047	0.01%	0.004%
73	11.298	1539	1541	1543	rVB	2417	1729	0.01%	0.007%
74	11.329	1543	1546	1550	rBV2	1703	2953	0.02%	0.012%
75	11.359	1550	1551	1554	rBV2	1592	1270	0.01%	0.005%
76	11.561	1582	1584	1586	rBV2	1788	1606	0.01%	0.006%
77	11.628	1588	1595	1604	rVV	331279	568560	2.91%	2.294%
78	11.719	1609	1610	1619	rVB6	3604	6128	0.03%	0.025%
79	11.896	1637	1639	1641	rVV	1717	1156	0.01%	0.005%
80	11.920	1641	1643	1645	rVB	1715	1279	0.01%	0.005%
81	12.335	1709	1711	1716	rVB3	4225	6319	0.03%	0.025%
82	12.445	1727	1729	1730	rBV	2106	1366	0.01%	0.006%
83	12.463	1730	1732	1737	rVB3	5164	8027	0.04%	0.032%
84	12.518	1740	1741	1743	rBV	1716	1461	0.01%	0.006%
85	12.609	1752	1756	1761	rVB4	9261	16062	0.08%	0.065%
86	12.695	1763	1770	1776	rBV	195299	315107	1.61%	1.271%
87	12.810	1786	1789	1790	rBV	1905	1751	0.01%	0.007%
88	13.024	1821	1824	1825	rBV2	3208	3277	0.02%	0.013%
89	13.176	1847	1849	1850	rBV	1720	1207	0.01%	0.005%
90	13.335	1872	1875	1876	rBV2	1748	1997	0.01%	0.008%
91	13.560	1906	1912	1919	rVB	323292	514244	2.63%	2.075%
92	13.853	1954	1960	1967	rBV	292734	485445	2.48%	1.958%
93	14.011	1984	1986	1992	rBV3	2613	4555	0.02%	0.018%
94	14.200	2014	2017	2020	rBV3	3358	4096	0.02%	0.017%
95	14.274	2027	2029	2030	rBV	2500	1808	0.01%	0.007%
96	14.334	2035	2039	2044	rVB4	5800	11143	0.06%	0.045%
97	15.237	2185	2187	2190	rBV2	2164	2845	0.01%	0.011%
98	15.542	2236	2237	2240	rVB	3022	1774	0.01%	0.007%
99	16.230	2349	2350	2357	rVB2	2885	4104	0.02%	0.017%
100	16.279	2357	2358	2360	rBV2	2283	1883	0.01%	0.008%

Sum of corrected areas: 24788270

LSC Report - Integrated Chromatogram

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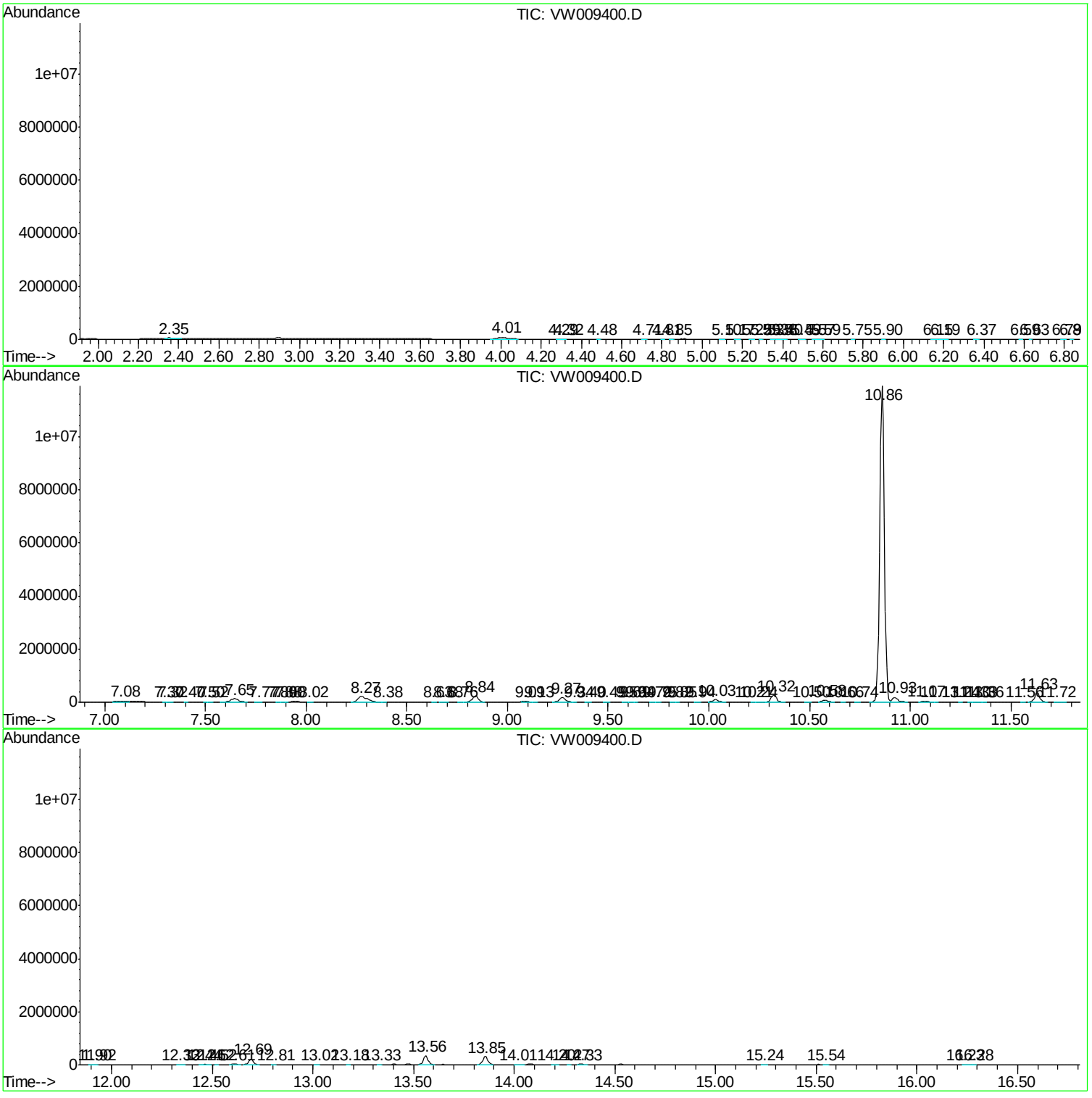
Sample : K2062-16
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032319\
Data File : VW009400.D
Acq On : 23 Mar 2019 20:16
Operator : SY/VA
Sample : K2062-16
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

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

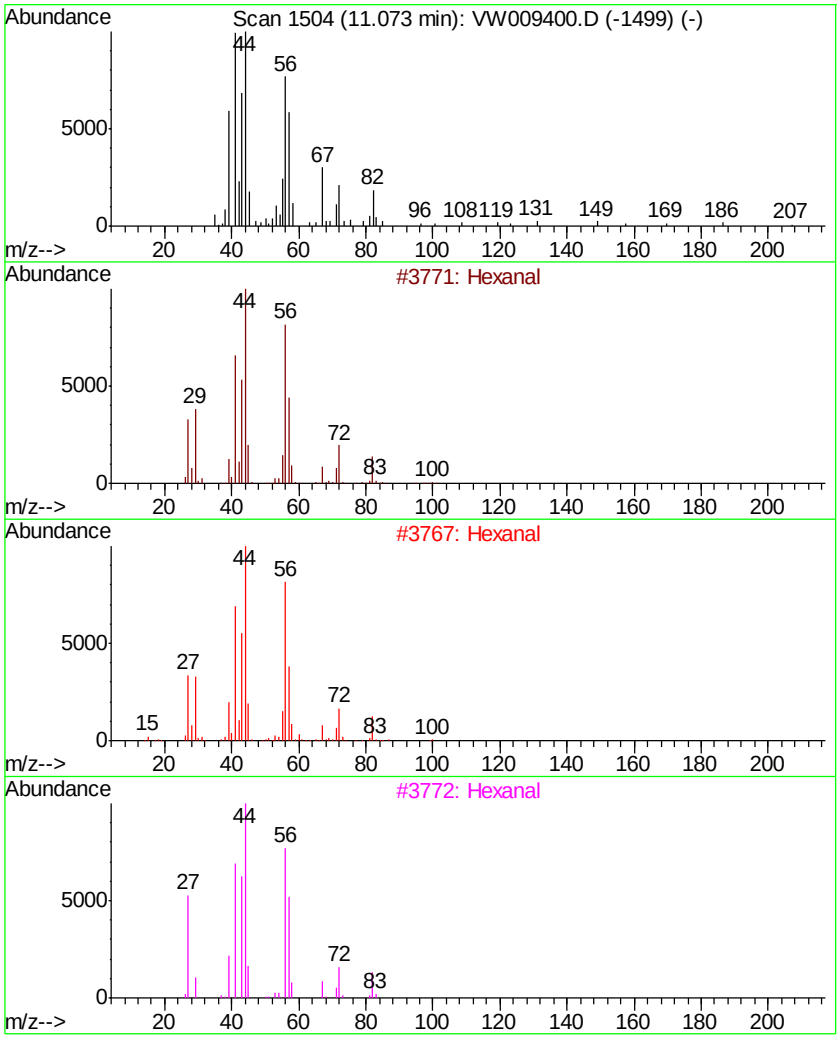
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

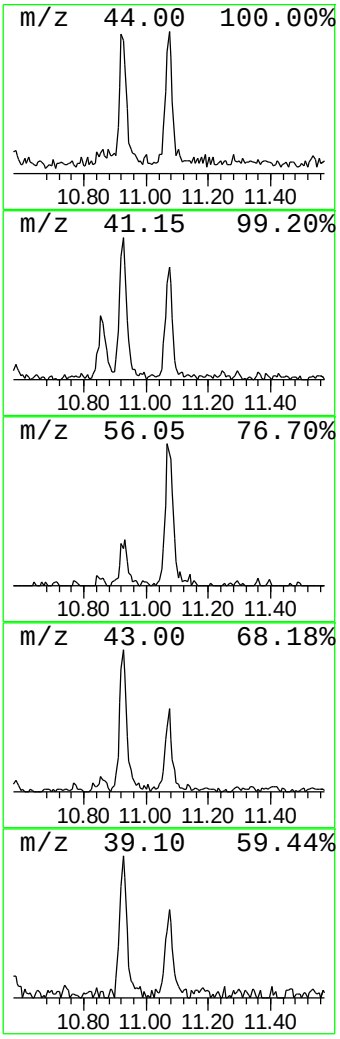
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.20 ug/L	49982	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	76
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	58
4	Hexanal	100	C6H12O	000066-25-1	53
5	Butanal	72	C4H8O	000123-72-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032319\
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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
Hexanal	11.07	2.2	ug/L	49982	2	11.63	568560	25.0