LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
Data File : VW009987.D
Acq On : 15 Apr 2019 22:45
Operator : SY/VA
Sample : K2403-02
Misc : 5.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102

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\SOM2WLM041519S.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	3.483	257	259	260	rBV2	932	947	0.89%	0.125%
2	3.727	297	299	302	rVB2	1042	905	0.85%	0.120%
3	3.842	317	318	321	rBV2	871	861	0.81%	0.114%
4	4.019	337	347	359	rBV2	15715	45126	42.60%	5.963%
5	4.202	375	377	378	rVB2	1003	591	0.56%	0.078%
6	4.227	378	381	384	rBV5	887	1688	1.59%	0.223%
7	4.470	419	421	424	rVB4	783	544	0.51%	0.072%
8	4.501	424	426	428	rBV	896	642	0.61%	0.085%
9	4.647	447	450	453	rBV3	1080	1323	1.25%	0.175%
10	4.720	460	462	464	rBV2	669	471	0.44%	0.062%
11	4.824	478	479	482	rBV2	1003	1053	0.99%	0.139%
12	4.995	505	507	509	rBV	750	807	0.76%	0.107%
13	5.129	527	529	532	rBV2	771	996	0.94%	0.132%
14	5.257	548	550	552	rBV2	965	609	0.57%	0.080%
15	5.769	632	634	636	rBV2	651	491	0.46%	0.065%
16	5.885	651	653	655	rBV2	661	633	0.60%	0.084%
17	5.946	661	663	664	rBV	901	712	0.67%	0.094%
18	6.226	707	709	711	rBV3	901	952	0.90%	0.126%
19	6.476	745	750	753	rBV4	618	1002	0.95%	0.132%
20	6.616	770	773	775	rBV2	904	963	0.91%	0.127%
21	6.793	800	802	804	rVB3	783	613	0.58%	0.081%
22	6.848	809	811	812	rBV2	788	548	0.52%	0.072%
23	6.988	832	834	835	rBV	681	538	0.51%	0.071%
24	7.080	842	849	856	rBV4	4740	13412	12.66%	1.772%
25	7.238	872	875	878	rVB3	955	875	0.83%	0.116%
26	7.281	881	882	886	rVB4	1586	1267	1.20%	0.167%
27	7.342	890	892	893	rVB2	871	514	0.49%	0.068%
28	7.372	893	897	899	rBV4	948	1469	1.39%	0.194%
29	7.574	928	930	931	rBV	753	559	0.53%	0.074%
30	7.641	935	941	950	rVB2	20575	48484	45.77%	6.407%
31	7.799	965	967	969	rBV2	782	714	0.67%	0.094%
32	7.836	971	973	975	rVV	1045	766	0.72%	0.101%
33	8.019	1000	1003	1005	rBV3	619	555	0.52%	0.073%
34	8.080	1011	1013	1015	rBV2	847	635	0.60%	0.084%

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Misc : 5.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102

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\SOM2WLM041519S.M
Title : VOC Analysis

35	8.116	1017	1019	1023	rVV4	713	757	0.71%	0.100%
36	8.275	1038	1045	1060	rVB5	33027	105924	100.00%	13.997%
37	8.427	1068	1070	1073	rVB2	1171	979	0.92%	0.129%
38	8.525	1081	1086	1087	rBV3	836	979	0.92%	0.129%
39	8.640	1103	1105	1106	rBV	543	555	0.52%	0.073%
40	8.701	1113	1115	1118	rVB3	1077	900	0.85%	0.119%
41	8.744	1120	1122	1123	rVV2	678	505	0.48%	0.067%
42	8.787	1127	1129	1130	rVV2	773	516	0.49%	0.068%
43	8.842	1130	1138	1149	rVB	28338	61016	57.60%	8.063%
44	9.079	1175	1177	1181	rVB4	1262	1576	1.49%	0.208%
45	9.171	1188	1192	1194	rBV4	873	1464	1.38%	0.193%
46	9.274	1198	1209	1219	rBV2	26962	59072	55.77%	7.806%
47	9.348	1219	1221	1224	rBV3	657	631	0.60%	0.083%
48	9.378	1224	1226	1228	rVB2	864	600	0.57%	0.079%
49	9.415	1228	1232	1236	rBV4	1532	2642	2.49%	0.349%
50	9.659	1268	1272	1274	rBV3	1073	1419	1.34%	0.188%
51	9.720	1280	1282	1285	rBV	1028	1111	1.05%	0.147%
52	9.866	1303	1306	1309	rVB3	801	1224	1.16%	0.162%
53	9.976	1322	1324	1326	rBV2	659	460	0.43%	0.061%
54	10.037	1329	1334	1343	rVB2	10859	20908	19.74%	2.763%
55	10.140	1348	1351	1353	rVB2	1075	1018	0.96%	0.135%
56	10.323	1374	1381	1389	rBV2	36468	66023	62.33%	8.724%
57	10.445	1397	1401	1403	rVB3	805	955	0.90%	0.126%
58	10.488	1403	1408	1410	rBV3	973	1257	1.19%	0.166%
59	10.512	1410	1412	1414	rVB3	1034	780	0.74%	0.103%
60	10.579	1418	1423	1429	rVB2	7082	12520	11.82%	1.654%
61	10.664	1434	1437	1438	rBV2	706	729	0.69%	0.096%
62	10.701	1442	1443	1448	rVV3	1265	1648	1.56%	0.218%
63	10.927	1474	1480	1487	rBV2	11544	22817	21.54%	3.015%
64	11.073	1499	1504	1511	rVB4	9342	17318	16.35%	2.288%
65	11.140	1513	1515	1518	rBV3	893	1147	1.08%	0.152%
66	11.164	1518	1519	1521	rBV	832	498	0.47%	0.066%
67	11.238	1527	1531	1533	rBV4	1309	2172	2.05%	0.287%
68	11.292	1538	1540	1542	rVV2	1286	899	0.85%	0.119%
69	11.323	1542	1545	1547	rVV3	784	947	0.89%	0.125%
70	11.347	1547	1549	1550	rVV	615	482	0.46%	0.064%
71	11.390	1553	1556	1561	rBV3	879	1829	1.73%	0.242%

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ClientSampleId : A5102

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Title : VOC Analysis

72	11.548	1581	1582	1585	rBV3	704	452	0.43%	0.060%
73	11.579	1585	1587	1589	rVV3	786	772	0.73%	0.102%
74	11.634	1589	1596	1604	rVB	40259	71951	67.93%	9.508%
75	11.762	1615	1617	1619	rBV2	988	857	0.81%	0.113%
76	11.792	1619	1622	1623	rBV3	748	862	0.81%	0.114%
77	12.146	1678	1680	1682	rBV2	772	716	0.68%	0.095%
78	12.323	1707	1709	1710	rBV	1523	1248	1.18%	0.165%
79	12.414	1722	1724	1727	rBV2	746	870	0.82%	0.115%
80	12.439	1727	1728	1732	rVV2	1230	1116	1.05%	0.147%
81	12.475	1732	1734	1735	rVV	1178	719	0.68%	0.095%
82	12.518	1738	1741	1744	rVB4	977	1021	0.96%	0.135%
83	12.695	1764	1770	1776	rVB2	24221	40730	38.45%	5.382%
84	12.914	1803	1806	1807	rBV2	646	733	0.69%	0.097%
85	13.018	1821	1823	1825	rBV3	830	644	0.61%	0.085%
86	13.079	1832	1833	1837	rBV3	942	1287	1.22%	0.170%
87	13.170	1845	1848	1850	rBV3	629	866	0.82%	0.114%
88	13.201	1850	1853	1855	rBV2	1091	994	0.94%	0.131%
89	13.219	1855	1856	1858	rBV3	804	524	0.49%	0.069%
90	13.353	1873	1878	1880	rBV2	946	1512	1.43%	0.200%
91	13.560	1906	1912	1919	rBV	26553	45144	42.62%	5.965%
92	13.853	1955	1960	1967	rBV2	27522	45808	43.25%	6.053%
93	14.261	2026	2027	2029	rBV2	1039	737	0.70%	0.097%
94	14.389	2046	2048	2052	rBV3	953	1093	1.03%	0.144%
95	14.426	2052	2054	2058	rBV4	1158	1317	1.24%	0.174%
96	14.597	2081	2082	2085	rBV3	1036	930	0.88%	0.123%
97	14.652	2090	2091	2093	rBV2	1000	1024	0.97%	0.135%
98	15.066	2156	2159	2162	rBV5	1943	1929	1.82%	0.255%
99	15.249	2186	2189	2191	rBV3	1292	1791	1.69%	0.237%
100	15.548	2237	2238	2239	rBV	1081	570	0.54%	0.075%

Sum of corrected areas: 756759

LSC Report - Integrated Chromatogram

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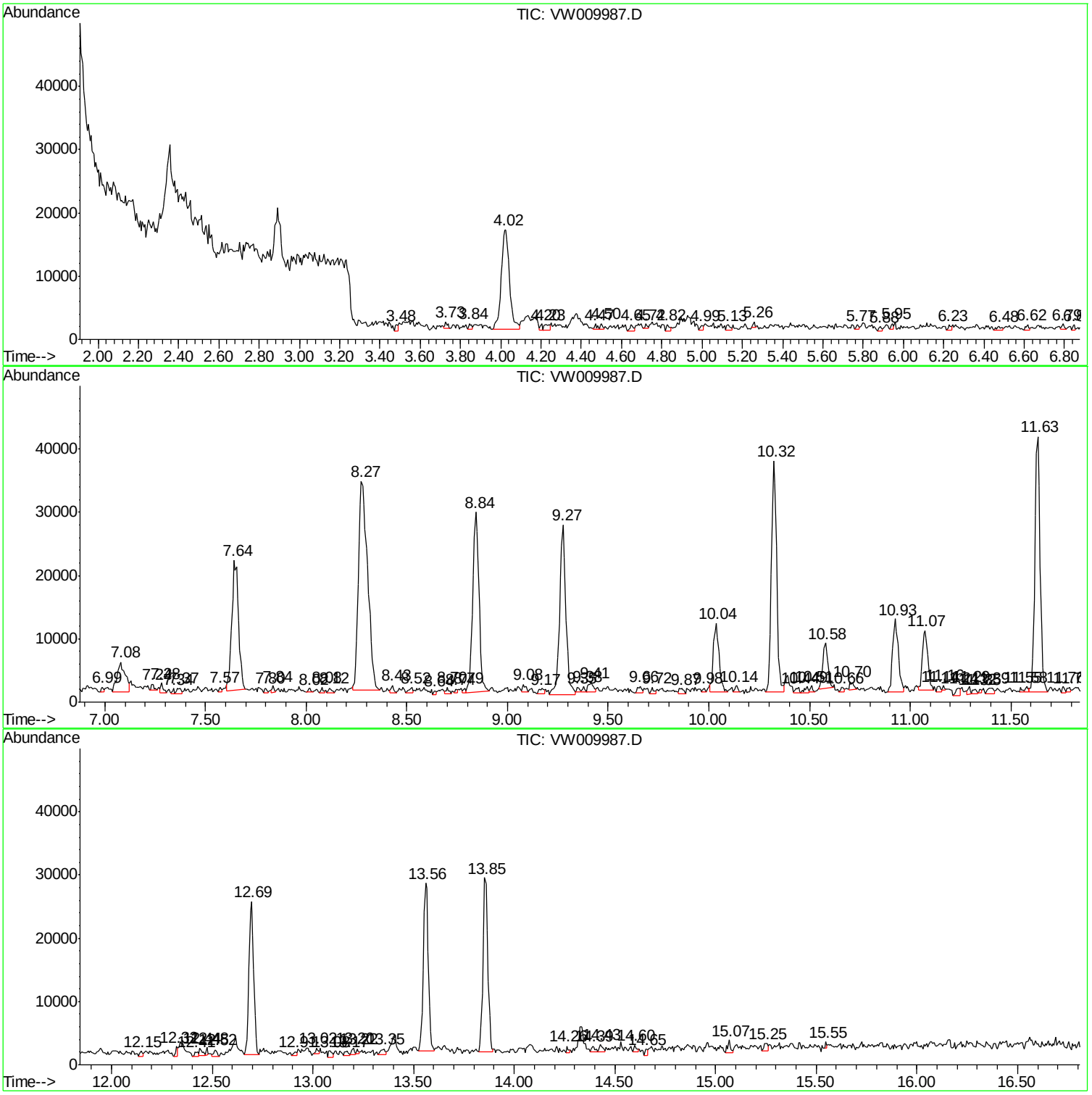
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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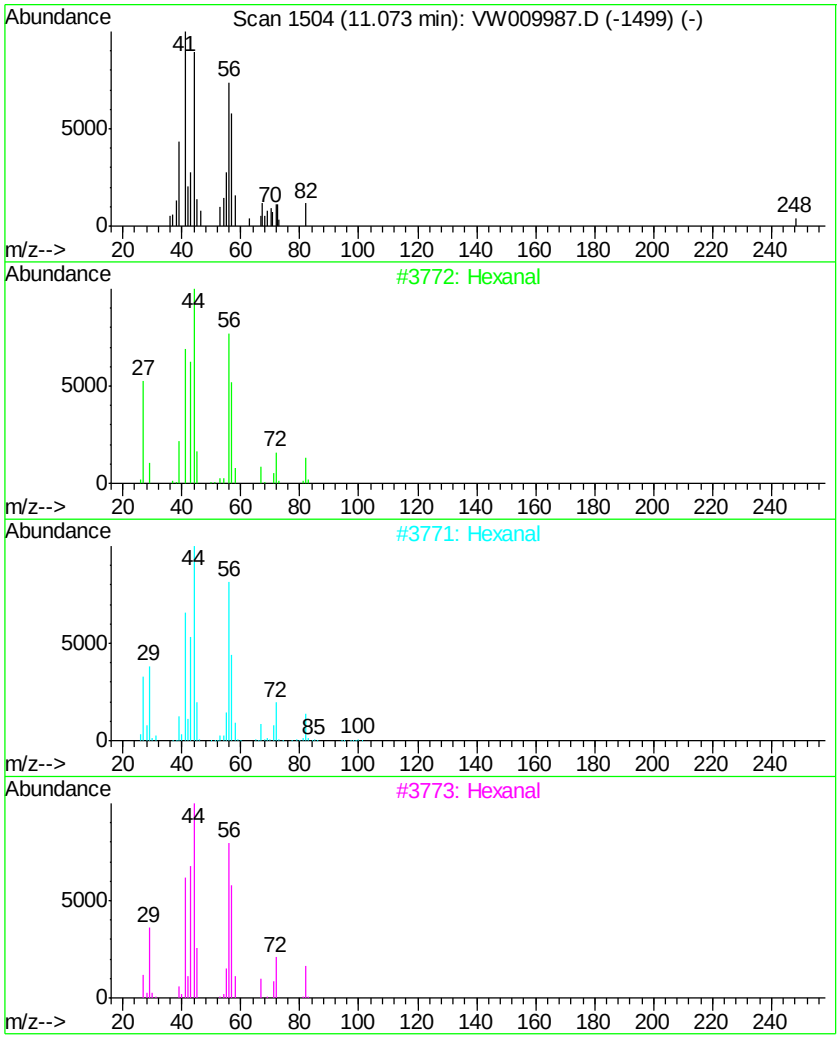
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

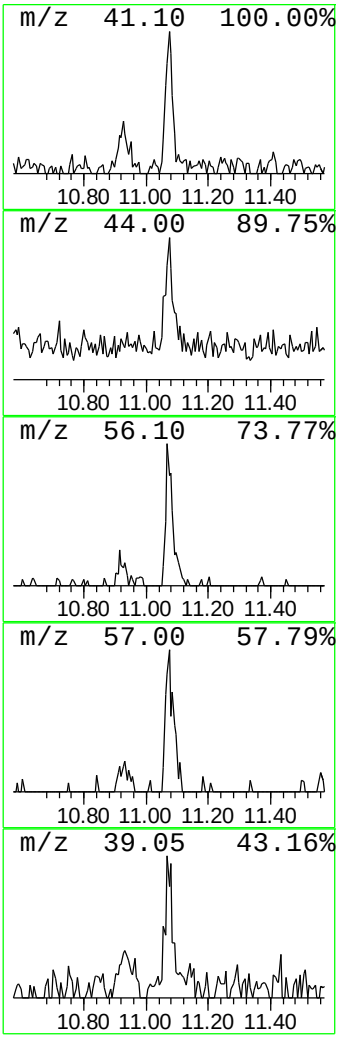
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.02 ug/L	17318	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	50
2	Hexanal	100	C6H12O	000066-25-1	42
3	Hexanal	100	C6H12O	000066-25-1	40
4	Hexanal	100	C6H12O	000066-25-1	36
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	35





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
Hexanal	11.07	6.0	ug/L	17318	2	11.63	71951	25.0