LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
Data File : VW016157.D
Acq On : 12 Aug 2020 13:49
Operator : SY/VA
Sample : L3599-14
Misc : 6.48G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY96

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\SOM2WLM081020S.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	68	74	88	rBV	77936	183145	11.98%	1.721%
2	2.501	93	98	106	rBV	11989	27550	1.80%	0.259%
3	2.891	155	162	177	rVB2	58695	158787	10.38%	1.492%
4	3.830	314	316	318	rVB	347	306	0.02%	0.003%
5	4.013	333	346	361	rBV	160152	554121	36.23%	5.206%
6	4.440	414	416	419	rBV3	372	404	0.03%	0.004%
7	4.793	471	474	475	rBV	225	211	0.01%	0.002%
8	4.922	484	495	509	rBV3	7690	28185	1.84%	0.265%
9	5.056	515	517	520	rVB2	266	243	0.02%	0.002%
10	5.123	527	528	530	rBV	371	292	0.02%	0.003%
11	5.184	536	538	539	rBV	289	267	0.02%	0.003%
12	5.360	564	567	570	rBV2	205	360	0.02%	0.003%
13	5.397	572	573	578	rVB	259	268	0.02%	0.003%
14	5.623	606	610	612	rBV2	266	346	0.02%	0.003%
15	5.653	612	615	618	rVB2	210	238	0.02%	0.002%
16	5.677	618	619	622	rBV2	240	212	0.01%	0.002%
17	5.787	632	637	646	rVB5	1095	3021	0.20%	0.028%
18	5.934	653	661	671	rVB5	1660	4313	0.28%	0.041%
19	6.104	686	689	692	rBV2	378	582	0.04%	0.005%
20	6.726	790	791	795	rBV	250	278	0.02%	0.003%
21	6.830	806	808	812	rVB2	197	323	0.02%	0.003%
22	6.921	812	823	829	rBV4	1699	5621	0.37%	0.053%
23	7.086	841	850	859	rBV	49778	140443	9.18%	1.320%
24	7.330	888	890	895	rVB4	413	687	0.04%	0.006%
25	7.427	905	906	909	rVB2	325	266	0.02%	0.002%
26	7.464	909	912	916	rBV2	226	413	0.03%	0.004%
27	7.549	922	926	929	rBV3	458	628	0.04%	0.006%
28	7.647	932	942	955	rBV	257805	643459	42.08%	6.046%
29	7.848	973	975	978	rBV2	179	197	0.01%	0.002%
30	7.951	986	992	997	rBV4	1051	1861	0.12%	0.017%
31	8.043	1004	1007	1009	rBV	173	208	0.01%	0.002%
32	8.122	1018	1020	1023	rVB2	179	199	0.01%	0.002%
33	8.153	1023	1025	1028	rBV2	283	329	0.02%	0.003%
34	8.275	1034	1045	1061	rBV2	506050	1529243	100.00%	14.368%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Title : VOC Analysis

35	8.512	1081	1084	1085	rBV	355	469	0.03%	0.004%
36	8.555	1085	1091	1100	rVB5	5479	12284	0.80%	0.115%
37	8.701	1107	1115	1116	rBV3	1817	2694	0.18%	0.025%
38	8.848	1129	1139	1153	rVV	505544	1012580	66.21%	9.514%
39	8.982	1159	1161	1164	rVB3	580	658	0.04%	0.006%
40	9.085	1174	1178	1186	rVB6	3166	6170	0.40%	0.058%
41	9.274	1201	1209	1226	rBV	341553	695612	45.49%	6.536%
42	9.421	1226	1233	1238	rVB3	5362	10748	0.70%	0.101%
43	9.512	1246	1248	1250	rBV2	316	257	0.02%	0.002%
44	9.658	1270	1272	1279	rVB3	868	1511	0.10%	0.014%
45	9.750	1283	1287	1289	rVB2	255	285	0.02%	0.003%
46	10.036	1326	1334	1345	rBV	183334	329479	21.55%	3.096%
47	10.201	1359	1361	1364	rBV3	356	389	0.03%	0.004%
48	10.323	1373	1381	1389	rBV	709352	1255792	82.12%	11.799%
49	10.451	1400	1402	1405	rBV3	336	386	0.03%	0.004%
50	10.488	1406	1408	1410	rVV	606	531	0.03%	0.005%
51	10.506	1410	1411	1413	rVV2	755	606	0.04%	0.006%
52	10.579	1416	1423	1437	rVV	122651	217345	14.21%	2.042%
53	10.707	1439	1444	1449	rVB2	14854	26050	1.70%	0.245%
54	10.829	1462	1464	1466	rBV	356	340	0.02%	0.003%
55	10.866	1468	1470	1473	rVB2	613	556	0.04%	0.005%
56	10.927	1473	1480	1498	rBV	220341	367666	24.04%	3.454%
57	11.073	1498	1504	1512	rVV	48175	79634	5.21%	0.748%
58	11.170	1519	1520	1524	rVB2	447	442	0.03%	0.004%
59	11.268	1533	1536	1539	rBV2	356	544	0.04%	0.005%
60	11.341	1541	1548	1552	rBV3	278	632	0.04%	0.006%
61	11.378	1552	1554	1557	rVB2	312	285	0.02%	0.003%
62	11.402	1557	1558	1559	rBV	420	209	0.01%	0.002%
63	11.554	1580	1583	1585	rBV	324	342	0.02%	0.003%
64	11.634	1588	1596	1606	rBV	676367	1138708	74.46%	10.699%
65	11.768	1616	1618	1621	rBV	206	241	0.02%	0.002%
66	11.847	1624	1631	1638	rBV5	5665	12479	0.82%	0.117%
67	11.945	1644	1647	1652	rVB5	741	1368	0.09%	0.013%
68	12.054	1662	1665	1667	rBV2	253	295	0.02%	0.003%
69	12.097	1670	1672	1675	rVV2	278	375	0.02%	0.004%
70	12.158	1677	1682	1687	rVB4	644	1296	0.08%	0.012%
71	12.341	1707	1712	1717	rVV3	2767	4483	0.29%	0.042%

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Title : VOC Analysis

72	12.377	1717	1718	1720	rVB2	305	219	0.01%	0.002%
73	12.402	1720	1722	1724	rBV	182	195	0.01%	0.002%
74	12.524	1740	1742	1744	rVB	378	205	0.01%	0.002%
75	12.609	1748	1756	1763	rBV2	12194	19819	1.30%	0.186%
76	12.695	1763	1770	1777	rVV	298446	482194	31.53%	4.531%
77	12.755	1778	1780	1788	rVB4	2024	3103	0.20%	0.029%
78	12.865	1795	1798	1800	rBV3	432	356	0.02%	0.003%
79	12.902	1800	1804	1805	rBV3	700	947	0.06%	0.009%
80	12.938	1806	1810	1814	rVB4	1337	2276	0.15%	0.021%
81	13.079	1830	1833	1834	rBV2	337	289	0.02%	0.003%
82	13.237	1856	1859	1861	rBV3	666	862	0.06%	0.008%
83	13.274	1861	1865	1873	rVB7	3153	6953	0.45%	0.065%
84	13.341	1873	1876	1877	rBV	285	242	0.02%	0.002%
85	13.396	1880	1885	1890	rBV6	2577	4228	0.28%	0.040%
86	13.475	1896	1898	1900	rBV	347	383	0.03%	0.004%
87	13.560	1904	1912	1921	rBV	525426	825379	53.97%	7.755%
88	13.652	1922	1927	1933	rVB2	7805	12828	0.84%	0.121%
89	13.786	1947	1949	1950	rBV2	433	295	0.02%	0.003%
90	13.853	1953	1960	1971	rBV	480889	788033	51.53%	7.404%
91	14.024	1984	1988	1991	rBV5	530	892	0.06%	0.008%
92	14.072	1991	1996	2001	rVV	8721	14115	0.92%	0.133%
93	14.139	2005	2007	2008	rVB	536	284	0.02%	0.003%
94	14.328	2033	2038	2042	rBV5	4080	6309	0.41%	0.059%
95	14.840	2121	2122	2126	rVB2	444	303	0.02%	0.003%
96	14.871	2126	2127	2130	rBV	297	256	0.02%	0.002%
97	14.932	2135	2137	2138	rBV	495	257	0.02%	0.002%
98	15.011	2148	2150	2151	rBV	429	194	0.01%	0.002%
99	15.182	2177	2178	2179	rBV	502	294	0.02%	0.003%
100	16.035	2316	2318	2320	rBV2	620	717	0.05%	0.007%

Sum of corrected areas: 10643174

LSC Report - Integrated Chromatogram

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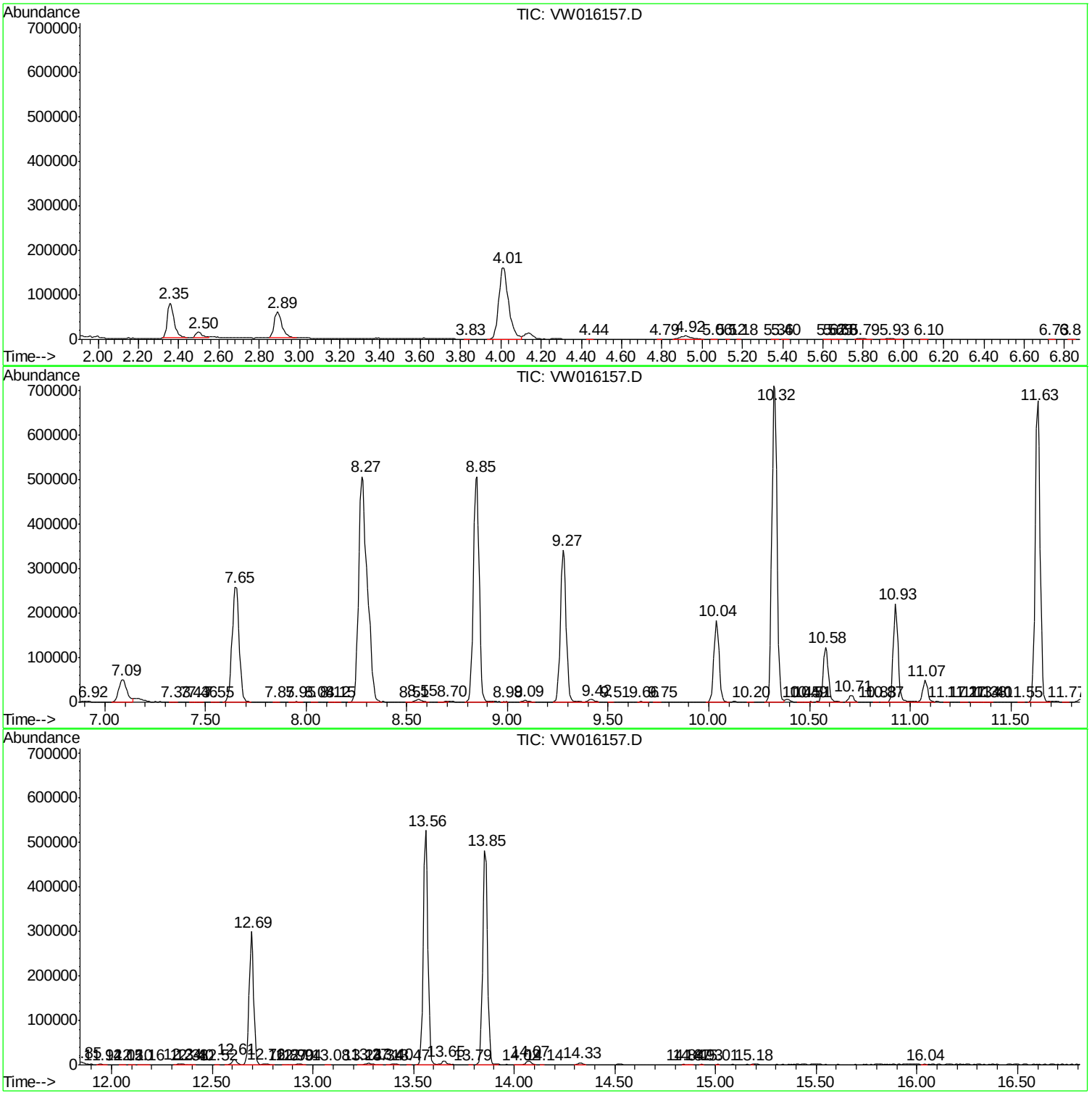
Instrument : MSVOA_W
ClientSampleId : GAY96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.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\VW081220\
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Acq On : 12 Aug 2020 13:49
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Instrument : MSVOA_W
ClientSampleId : GAY96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis

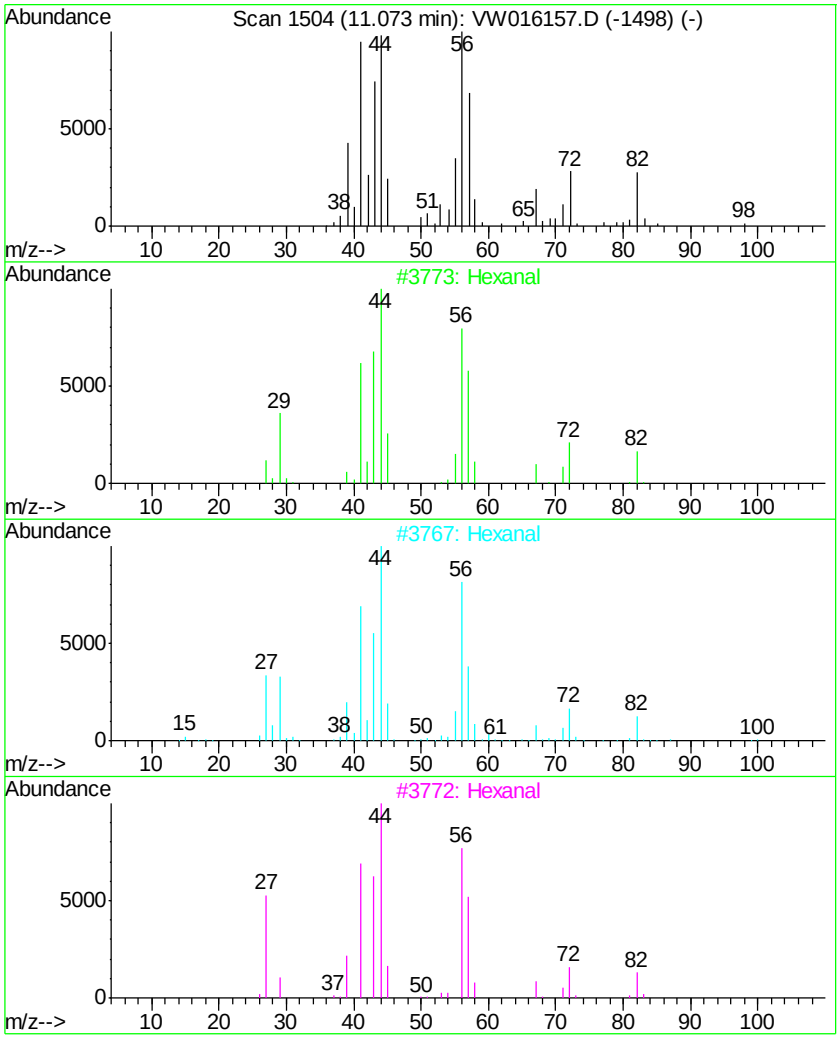
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

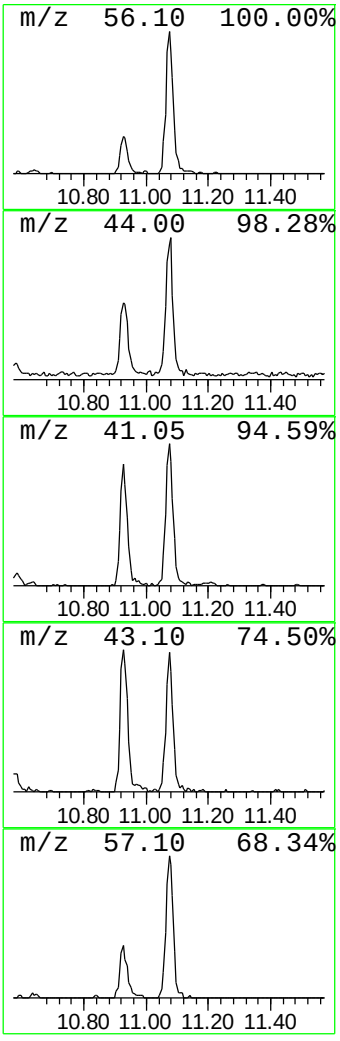
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.75 ug/L	79634	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	50
5	Butanal	72	C4H8O	000123-72-8	43





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
Hexanal	11.07	1.8	ug/L	79634	2	11.63	1138710	25.0