

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011288.D
 Acq On : 16 Jul 2019 16:12
 Operator : SY/VA
 Sample : K3798-05RE
 Misc : 3.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G9RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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	1.989	6	14	27	rVB	21089	55951	5.10%	0.704%
2	2.343	66	72	82	rBV	62880	117943	10.74%	1.483%
3	2.489	91	96	104	rBV	19240	41890	3.82%	0.527%
4	2.800	145	147	152	rVB2	4022	6170	0.56%	0.078%
5	2.885	154	161	171	rVB	40419	99844	9.09%	1.255%
6	3.385	238	243	249	rVB4	1839	4423	0.40%	0.056%
7	3.464	254	256	258	rBV3	436	555	0.05%	0.007%
8	3.525	264	266	272	rVB3	787	1263	0.12%	0.016%
9	3.580	272	275	276	rBV3	728	591	0.05%	0.007%
10	3.690	291	293	294	rVV2	756	637	0.06%	0.008%
11	3.721	295	298	311	rVB8	2269	6303	0.57%	0.079%
12	3.855	311	320	323	rBV6	1732	4197	0.38%	0.053%
13	4.013	334	346	357	rBV2	100519	342919	31.23%	4.312%
14	4.117	357	363	378	rVB	34198	99021	9.02%	1.245%
15	4.379	399	406	417	rVV3	4508	14880	1.36%	0.187%
16	4.531	430	431	436	rVB3	449	479	0.04%	0.006%
17	4.665	444	453	466	rBV2	17288	52434	4.78%	0.659%
18	4.836	479	481	484	rBV3	354	429	0.04%	0.005%
19	4.915	484	494	505	rVV6	2847	11352	1.03%	0.143%
20	5.409	573	575	582	rVB5	821	1302	0.12%	0.016%
21	5.513	588	592	596	rVB3	436	530	0.05%	0.007%
22	5.665	614	617	620	rBV3	422	527	0.05%	0.007%
23	5.775	624	635	637	rBV2	7436	15473	1.41%	0.195%
24	5.921	650	659	661	rBV4	1497	3098	0.28%	0.039%
25	6.116	686	691	692	rBV2	637	831	0.08%	0.010%
26	6.214	704	707	708	rVB2	641	572	0.05%	0.007%
27	6.501	752	754	758	rBV5	500	622	0.06%	0.008%
28	6.568	761	765	766	rBV	619	499	0.05%	0.006%
29	6.598	766	770	779	rVB6	1527	3763	0.34%	0.047%
30	6.891	810	818	819	rBV4	2177	3225	0.29%	0.041%
31	7.074	839	848	858	rBV2	65293	184761	16.83%	2.323%
32	7.647	931	942	954	rBV	179628	441779	40.23%	5.555%
33	7.781	957	964	973	rVB7	2395	6328	0.58%	0.080%
34	7.872	977	979	981	rVB2	468	427	0.04%	0.005%

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 Title : VOC Analysis

35	7.951	987	992	993	rBV4	453	700	0.06%	0.009%
36	8.153	1021	1025	1030	rVB3	839	1483	0.14%	0.019%
37	8.275	1030	1045	1059	rBV2	353127	1098027	100.00%	13.807%
38	8.397	1063	1065	1067	rBV3	706	480	0.04%	0.006%
39	8.549	1083	1090	1100	rBV5	6831	16125	1.47%	0.203%
40	8.714	1108	1117	1125	rBV7	4046	10983	1.00%	0.138%
41	8.842	1129	1138	1148	rBV	356407	695449	63.34%	8.745%
42	9.085	1169	1178	1184	rVB6	7170	17331	1.58%	0.218%
43	9.274	1196	1209	1218	rBV	270731	550105	50.10%	6.917%
44	9.409	1226	1231	1238	rVB2	6762	12715	1.16%	0.160%
45	9.610	1259	1264	1266	rBV3	508	918	0.08%	0.012%
46	9.659	1266	1272	1279	rBV4	4163	9508	0.87%	0.120%
47	9.860	1303	1305	1311	rVB3	668	849	0.08%	0.011%
48	9.969	1319	1323	1324	rVB2	585	582	0.05%	0.007%
49	10.036	1326	1334	1342	rBV	130426	237573	21.64%	2.987%
50	10.122	1345	1348	1351	rBV3	1330	2100	0.19%	0.026%
51	10.207	1361	1362	1365	rBV3	569	509	0.05%	0.006%
52	10.323	1371	1381	1388	rBV	440699	777197	70.78%	9.773%
53	10.384	1388	1391	1399	rVB	18633	32332	2.94%	0.407%
54	10.488	1406	1408	1409	rBV	738	653	0.06%	0.008%
55	10.579	1415	1423	1430	rBV	84998	151458	13.79%	1.904%
56	10.701	1438	1443	1454	rVB	11709	22832	2.08%	0.287%
57	10.786	1454	1457	1460	rBV2	315	482	0.04%	0.006%
58	10.927	1472	1480	1497	rBV	237007	412955	37.61%	5.193%
59	11.073	1497	1504	1515	rVV	39558	70563	6.43%	0.887%
60	11.396	1555	1557	1559	rBV3	560	501	0.05%	0.006%
61	11.433	1561	1563	1565	rVB3	692	426	0.04%	0.005%
62	11.634	1588	1596	1606	rBV	408408	713365	64.97%	8.970%
63	11.725	1608	1611	1619	rVB6	1788	3288	0.30%	0.041%
64	11.841	1624	1630	1637	rBV3	8327	17663	1.61%	0.222%
65	11.951	1646	1648	1650	rBV3	1128	1282	0.12%	0.016%
66	12.158	1680	1682	1683	rBV2	913	969	0.09%	0.012%
67	12.243	1694	1696	1699	rBV3	846	943	0.09%	0.012%
68	12.341	1707	1712	1719	rBV4	4335	7726	0.70%	0.097%
69	12.420	1723	1725	1726	rBV2	666	453	0.04%	0.006%
70	12.463	1730	1732	1736	rBV5	795	1137	0.10%	0.014%
71	12.609	1746	1756	1763	rBV	71630	125389	11.42%	1.577%

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72	12.695	1763	1770	1782	rVB	223282	370914	33.78%	4.664%
73	12.859	1795	1797	1800	rBV3	556	637	0.06%	0.008%
74	12.884	1800	1801	1802	rBV	895	541	0.05%	0.007%
75	12.957	1807	1813	1820	rVB9	4053	10419	0.95%	0.131%
76	13.225	1856	1857	1858	rBV	896	447	0.04%	0.006%
77	13.280	1858	1866	1871	rVV7	2843	7208	0.66%	0.091%
78	13.396	1881	1885	1894	rVB7	3022	5454	0.50%	0.069%
79	13.499	1900	1902	1905	rBV5	1008	933	0.08%	0.012%
80	13.560	1905	1912	1922	rVV	290067	468875	42.70%	5.896%
81	13.652	1922	1927	1933	rVB2	10810	18722	1.71%	0.235%
82	13.853	1953	1960	1968	rBV	250954	416291	37.91%	5.235%
83	14.072	1990	1996	2004	rVB2	47312	79485	7.24%	0.999%
84	14.328	2033	2038	2045	rBV7	4563	8962	0.82%	0.113%
85	14.469	2057	2061	2063	rVB5	731	1094	0.10%	0.014%
86	14.499	2063	2066	2067	rVV3	831	1043	0.09%	0.013%
87	14.530	2067	2071	2082	rVB4	4706	9425	0.86%	0.119%
88	14.627	2082	2087	2090	rBV5	1094	2023	0.18%	0.025%
89	14.694	2095	2098	2101	rVV4	2911	4810	0.44%	0.060%
90	14.725	2101	2103	2108	rVB3	3337	3889	0.35%	0.049%
91	14.847	2121	2123	2126	rBV4	1192	1612	0.15%	0.020%
92	15.121	2166	2168	2169	rBV2	464	420	0.04%	0.005%
93	15.188	2176	2179	2180	rBV3	1440	1429	0.13%	0.018%
94	15.255	2186	2190	2195	rVB3	4054	6117	0.56%	0.077%
95	15.499	2226	2230	2239	rVB3	2232	4195	0.38%	0.053%
96	15.651	2253	2255	2258	rVB4	965	913	0.08%	0.011%
97	15.694	2260	2262	2264	rBV3	655	807	0.07%	0.010%
98	16.102	2326	2329	2332	rBV5	648	1039	0.09%	0.013%
99	16.340	2363	2368	2373	rVB8	1198	2296	0.21%	0.029%
100	16.493	2390	2393	2394	rBV3	620	648	0.06%	0.008%

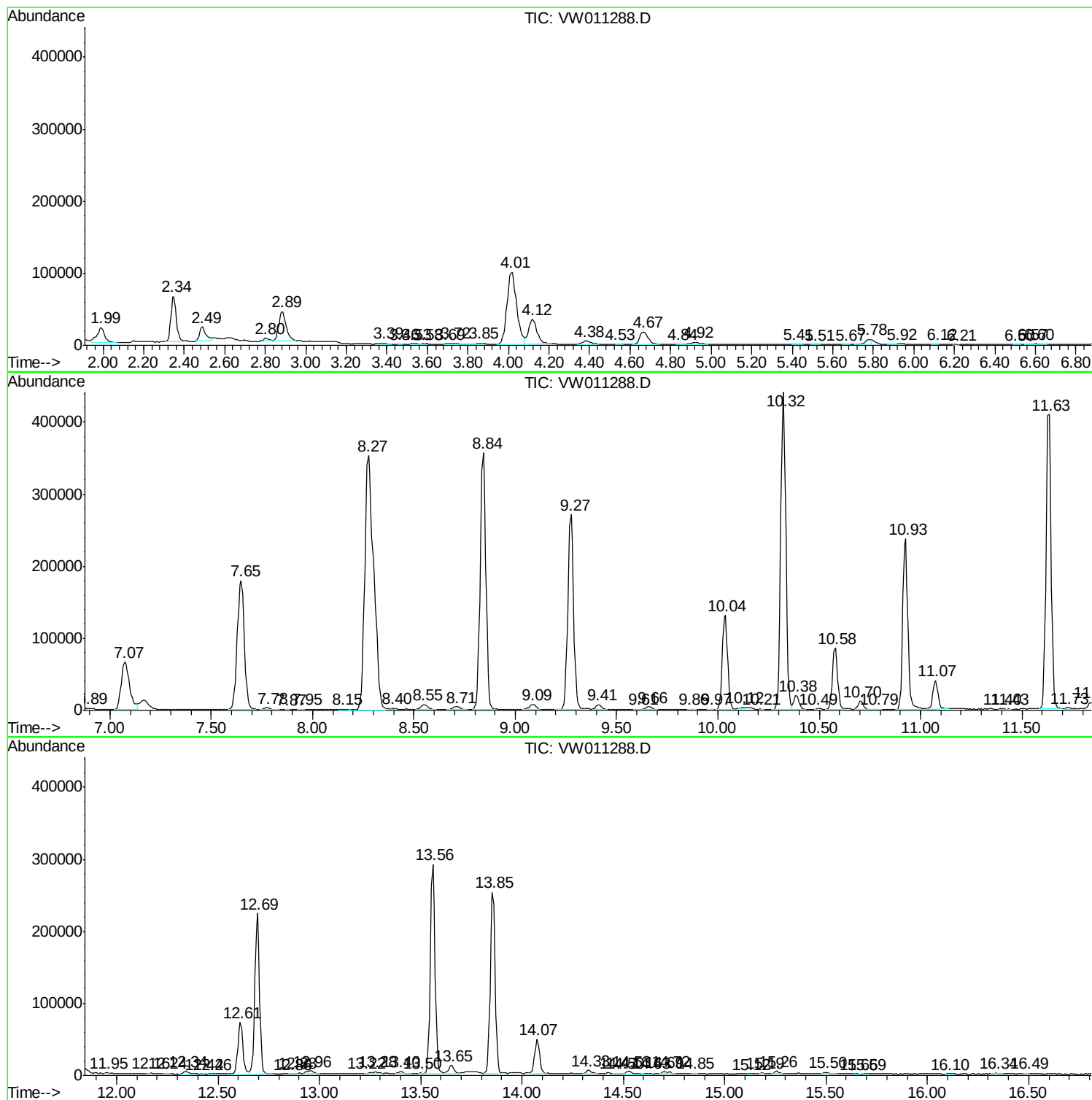
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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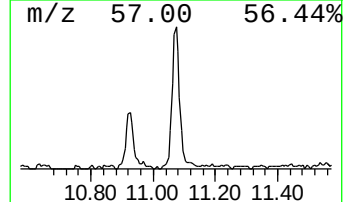
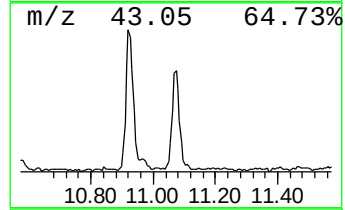
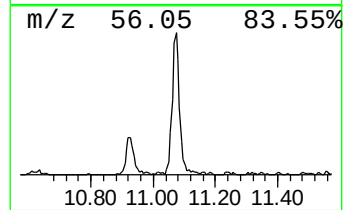
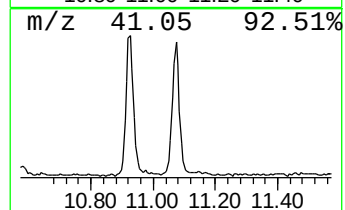
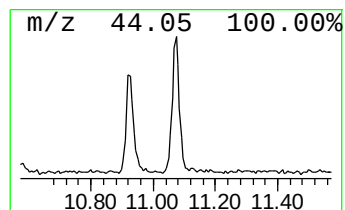
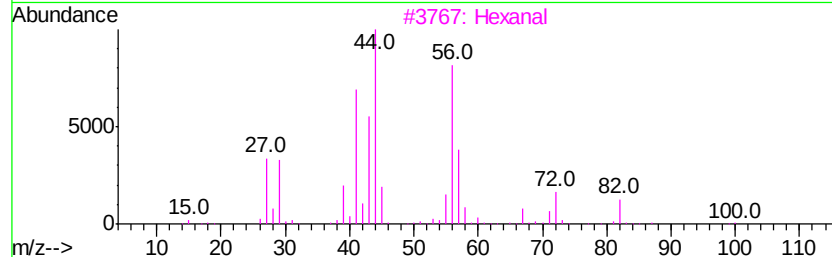
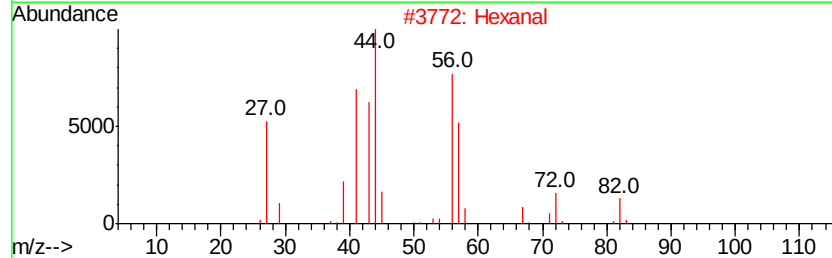
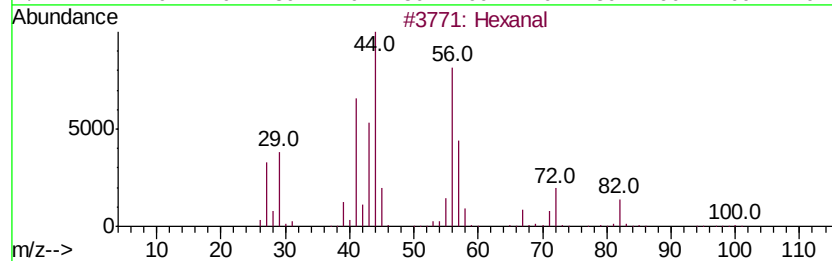
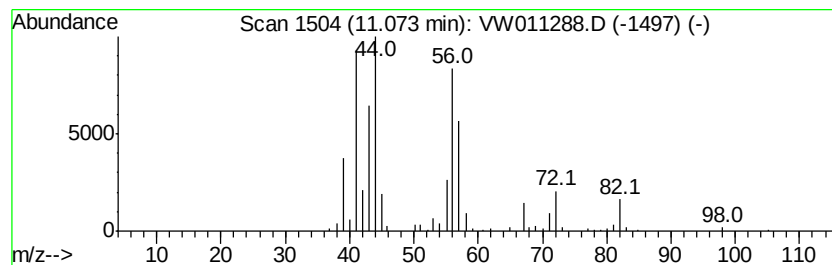
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.47 ug/L	70563	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	86
3	Hexanal		100	C6H12O	000066-25-1	83
4	Hexanal		100	C6H12O	000066-25-1	83
5	Butanal		72	C4H8O	000123-72-8	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.07	2.5	ug/L	70563	2	11.63	713365	25.0