

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
 Data File : VV010897.D
 Acq On : 15 May 2019 13:00
 Operator : SY/MD
 Sample : K2788-10
 Misc : 4.28G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5199

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_V\METHOD\SOM2VLM051319S.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	1.319	66	71	78	rVB	65334	59741	12.51%	1.697%
2	1.573	144	150	159	rVB	45594	52710	11.04%	1.498%
3	2.123	312	321	332	rBV	109450	156142	32.71%	4.436%
4	2.531	440	448	458	rVB4	4193	6312	1.32%	0.179%
5	2.807	531	534	535	rBV2	204	123	0.03%	0.003%
6	2.872	550	554	557	rBV	202	174	0.04%	0.005%
7	3.036	600	605	607	rBV	246	256	0.05%	0.007%
8	3.074	611	617	621	rBV3	656	857	0.18%	0.024%
9	3.126	627	633	637	rBV2	249	373	0.08%	0.011%
10	3.171	643	647	649	rBV	193	177	0.04%	0.005%
11	3.450	730	734	739	rBV2	272	317	0.07%	0.009%
12	3.486	743	745	749	rVB	244	159	0.03%	0.005%
13	3.512	749	753	756	rVB2	230	184	0.04%	0.005%
14	3.540	759	762	767	rBV2	245	192	0.04%	0.005%
15	3.676	800	804	808	rBV2	247	225	0.05%	0.006%
16	3.759	827	830	834	rBV4	272	235	0.05%	0.007%
17	3.936	874	885	911	rBV	15988	43047	9.02%	1.223%
18	4.248	980	982	984	rBV2	169	102	0.02%	0.003%
19	4.322	1002	1005	1007	rBV	188	147	0.03%	0.004%
20	4.399	1012	1029	1048	rBV	80437	198062	41.49%	5.627%
21	4.605	1090	1093	1097	rBV3	204	121	0.03%	0.003%
22	4.621	1097	1098	1099	rBV	264	80	0.02%	0.002%
23	4.663	1109	1111	1113	rBV2	368	180	0.04%	0.005%
24	4.756	1135	1140	1142	rBV	193	197	0.04%	0.006%
25	4.804	1151	1155	1157	rBV	191	138	0.03%	0.004%
26	4.852	1162	1170	1175	rBV2	195	236	0.05%	0.007%
27	4.884	1178	1180	1186	rBV2	146	146	0.03%	0.004%
28	4.946	1196	1199	1201	rBV	246	147	0.03%	0.004%
29	4.978	1205	1209	1213	rVB	126	95	0.02%	0.003%
30	5.093	1225	1245	1280	rBV3	187511	477359	100.00%	13.562%
31	5.351	1321	1325	1327	rBV2	231	201	0.04%	0.006%
32	5.492	1365	1369	1370	rBV2	286	183	0.04%	0.005%
33	5.547	1383	1386	1388	rBV	119	92	0.02%	0.003%
34	5.563	1388	1391	1392	rBV	288	111	0.02%	0.003%

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 Title : VOC Analysis

35	5.592	1398	1400	1403	rVB2	291	149	0.03%	0.004%
36	5.611	1403	1406	1408	rBV	225	170	0.04%	0.005%
37	5.663	1408	1422	1463	rVV	151167	320115	67.06%	9.095%
38	5.946	1502	1510	1511	rBV3	818	777	0.16%	0.022%
39	5.984	1520	1522	1526	rVB2	355	147	0.03%	0.004%
40	6.061	1543	1546	1549	rBV2	175	150	0.03%	0.004%
41	6.116	1549	1563	1590	rBV	107355	225272	47.19%	6.400%
42	6.338	1625	1632	1640	rBV4	1576	2734	0.57%	0.078%
43	6.447	1662	1666	1669	rBV2	188	181	0.04%	0.005%
44	6.489	1677	1679	1683	rBV2	152	128	0.03%	0.004%
45	6.556	1697	1700	1703	rVB2	167	97	0.02%	0.003%
46	6.569	1703	1704	1706	rBV	229	93	0.02%	0.003%
47	6.733	1752	1755	1759	rVB	212	149	0.03%	0.004%
48	6.801	1773	1776	1780	rBV2	233	181	0.04%	0.005%
49	6.875	1796	1799	1801	rBV2	208	168	0.04%	0.005%
50	6.913	1809	1811	1815	rBV	191	108	0.02%	0.003%
51	6.942	1816	1820	1823	rVB2	170	104	0.02%	0.003%
52	6.968	1823	1828	1830	rBV	224	221	0.05%	0.006%
53	7.029	1834	1847	1869	rBV	55042	99485	20.84%	2.826%
54	7.167	1888	1890	1891	rBV2	308	127	0.03%	0.004%
55	7.190	1893	1897	1904	rVB4	719	862	0.18%	0.024%
56	7.245	1911	1914	1916	rBV2	239	195	0.04%	0.006%
57	7.357	1936	1949	1970	rBV	212031	391904	82.10%	11.134%
58	7.663	2033	2044	2063	rBV	35697	61072	12.79%	1.735%
59	7.746	2068	2070	2072	rBV	408	190	0.04%	0.005%
60	7.781	2078	2081	2087	rVB2	199	207	0.04%	0.006%
61	7.804	2087	2088	2091	rVB2	171	77	0.02%	0.002%
62	7.826	2092	2095	2097	rBV	113	102	0.02%	0.003%
63	7.849	2097	2102	2105	rVB2	244	206	0.04%	0.006%
64	7.881	2110	2112	2114	rBV	199	94	0.02%	0.003%
65	8.019	2150	2155	2164	rVB6	3025	4110	0.86%	0.117%
66	8.132	2180	2190	2208	rBV	61077	108629	22.76%	3.086%
67	8.283	2227	2237	2255	rVB3	18956	32799	6.87%	0.932%
68	8.367	2260	2263	2264	rBV	196	88	0.02%	0.003%
69	8.470	2292	2295	2298	rBV2	212	194	0.04%	0.006%
70	8.543	2314	2318	2320	rBV	209	167	0.03%	0.005%
71	8.598	2332	2335	2338	rVB	164	133	0.03%	0.004%

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72	8.630	2340	2345	2348	rBV2	147	184	0.04%	0.005%
73	8.672	2354	2358	2360	rBV	218	181	0.04%	0.005%
74	8.894	2414	2427	2460	rBV	236981	403354	84.50%	11.459%
75	9.058	2473	2478	2484	rVB4	807	906	0.19%	0.026%
76	9.158	2506	2509	2510	rBV2	166	121	0.03%	0.003%
77	9.183	2510	2517	2526	rVV3	855	1612	0.34%	0.046%
78	9.244	2534	2536	2538	rVB2	283	91	0.02%	0.003%
79	9.309	2553	2556	2558	rBV2	200	157	0.03%	0.004%
80	9.357	2569	2571	2575	rVB2	340	185	0.04%	0.005%
81	9.392	2575	2582	2586	rBV2	267	394	0.08%	0.011%
82	9.633	2652	2657	2659	rBV	155	102	0.02%	0.003%
83	9.756	2692	2695	2696	rBV	164	91	0.02%	0.003%
84	9.846	2720	2723	2724	rBV	767	366	0.08%	0.010%
85	10.212	2834	2837	2840	rBV	149	119	0.02%	0.003%
86	10.260	2840	2852	2868	rVV	101655	157785	33.05%	4.483%
87	10.421	2896	2902	2903	rBV3	2214	1969	0.41%	0.056%
88	10.624	2961	2965	2970	rVB3	815	741	0.16%	0.021%
89	10.961	3066	3070	3073	rBV2	296	260	0.05%	0.007%
90	11.193	3138	3142	3149	rVV5	1135	1382	0.29%	0.039%
91	11.222	3149	3151	3156	rVB2	526	397	0.08%	0.011%
92	11.296	3162	3174	3194	rBV	218372	347971	72.90%	9.886%
93	11.576	3252	3261	3274	rBV3	4083	6841	1.43%	0.194%
94	11.672	3278	3291	3308	rVB	210570	339086	71.03%	9.634%
95	12.032	3401	3403	3405	rBV	255	102	0.02%	0.003%
96	12.296	3478	3485	3497	rVB	2162	3306	0.69%	0.094%
97	12.389	3511	3514	3523	rVB5	1108	1152	0.24%	0.033%
98	12.511	3549	3552	3553	rBV	645	350	0.07%	0.010%
99	14.328	4115	4117	4119	rBV2	216	98	0.02%	0.003%
100	14.762	4250	4252	4255	rBV	213	122	0.03%	0.003%

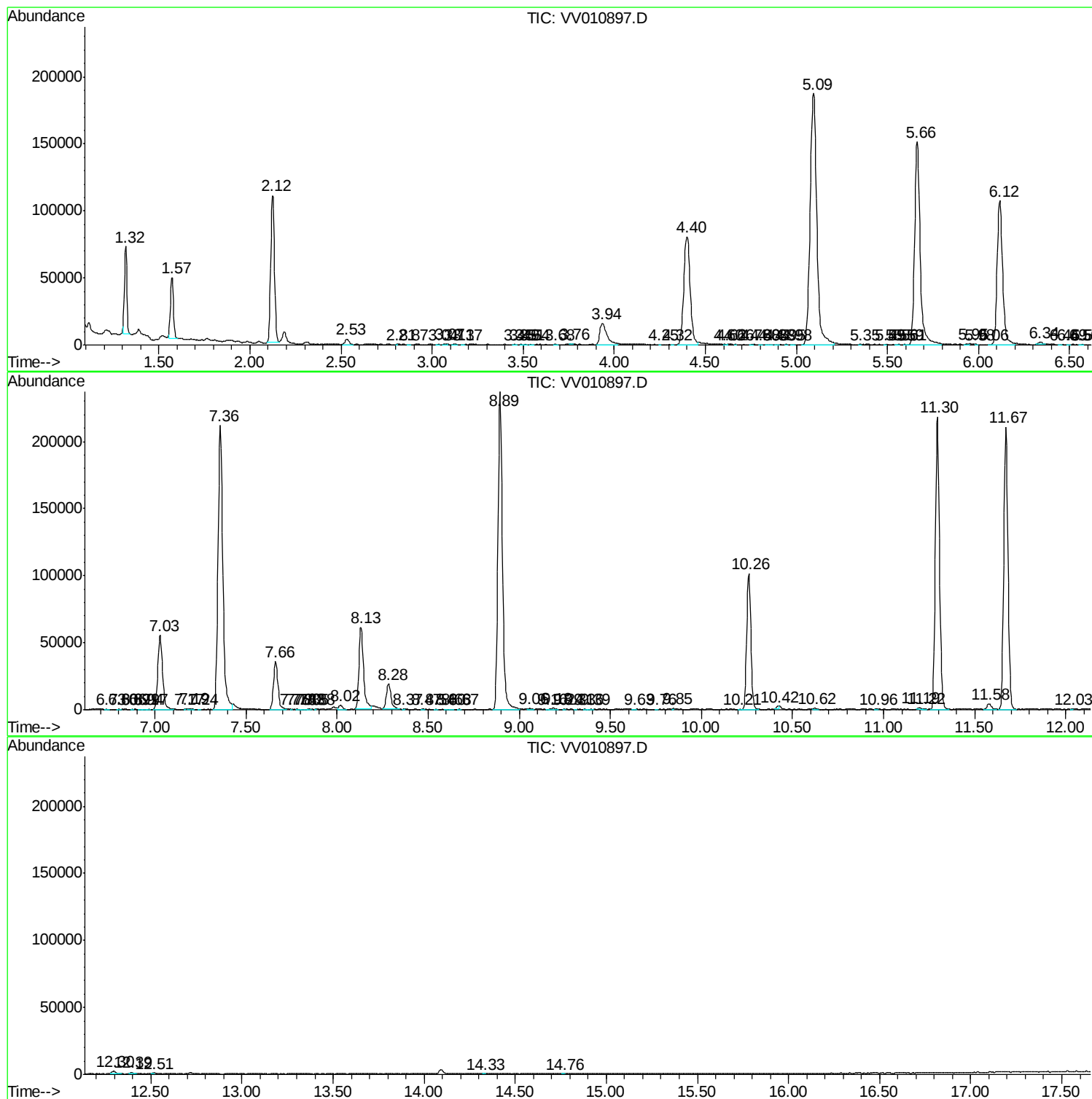
Sum of corrected areas: 3519831

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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



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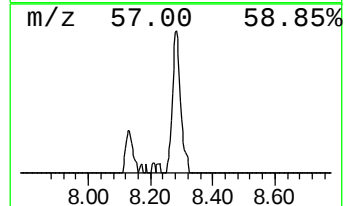
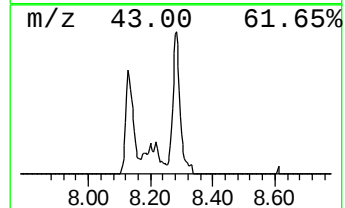
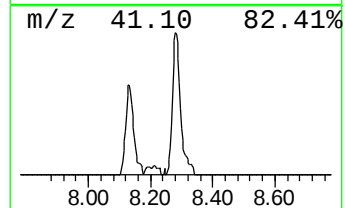
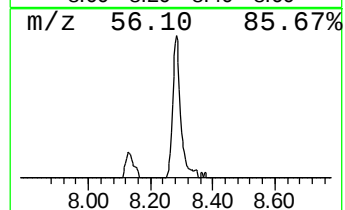
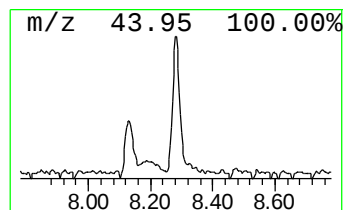
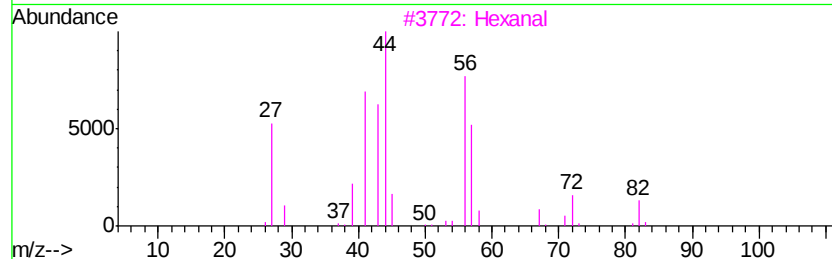
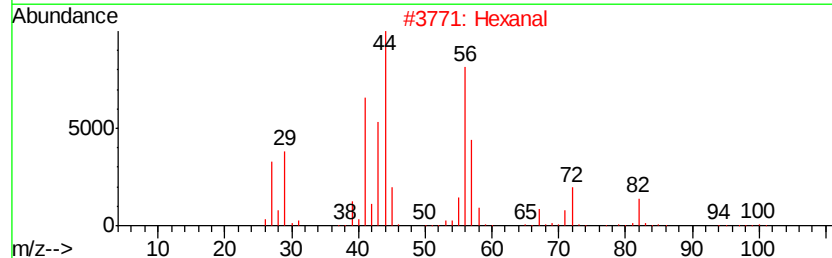
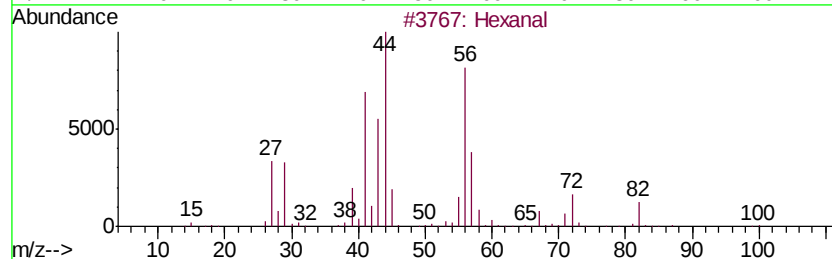
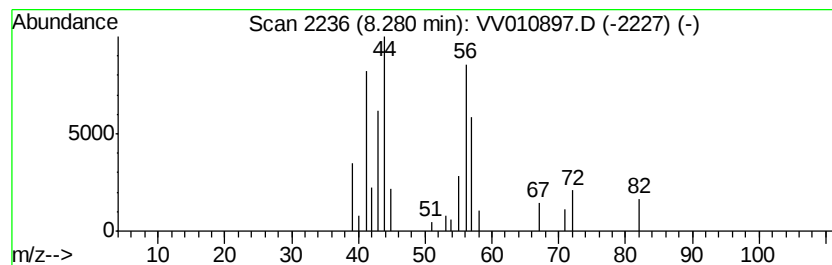
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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.
8.28	2.03 ug/L	32799	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	90
2		Hexanal	100	C6H12O	000066-25-1	90
3		Hexanal	100	C6H12O	000066-25-1	86
4		Hexanal	100	C6H12O	000066-25-1	83
5		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	8.28	2.0	ug/L	32799	2	8.89	403354	25.0