

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003717.D
 Acq On : 10 Dec 2020 14:19
 Operator : SY/MD
 Sample : L4980-03
 Misc : 5.70G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E8

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_Y\METHODS\SOM2YLM120420S.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	2.247	64	70	83	rBV	56926	92993	13.01%	1.993%
2	2.394	89	94	104	rVB	20970	35426	4.96%	0.759%
3	2.772	149	156	169	rVB	47620	93900	13.14%	2.013%
4	2.894	174	176	177	rVB	708	370	0.05%	0.008%
5	3.113	210	212	215	rBV3	336	256	0.04%	0.005%
6	3.863	324	335	345	rBV	101265	262120	36.67%	5.619%
7	4.296	404	406	411	rVB2	324	483	0.07%	0.010%
8	4.338	411	413	415	rBV2	245	242	0.03%	0.005%
9	4.363	415	417	418	rBV2	202	164	0.02%	0.004%
10	4.485	434	437	438	rBV2	327	273	0.04%	0.006%
11	4.534	444	445	447	rBV2	291	193	0.03%	0.004%
12	4.570	447	451	452	rVV2	195	184	0.03%	0.004%
13	4.655	464	465	466	rBV	298	165	0.02%	0.004%
14	4.729	468	477	487	rVB3	5155	15481	2.17%	0.332%
15	4.869	495	500	503	rBV3	284	473	0.07%	0.010%
16	4.930	508	510	513	rBV3	286	387	0.05%	0.008%
17	5.113	536	540	542	rBV3	291	389	0.05%	0.008%
18	5.137	542	544	547	rVB2	175	199	0.03%	0.004%
19	5.430	589	592	594	rBV2	270	288	0.04%	0.006%
20	5.552	609	612	614	rBV2	309	373	0.05%	0.008%
21	5.588	614	618	619	rBV3	449	583	0.08%	0.012%
22	5.680	629	633	636	rBV2	308	495	0.07%	0.011%
23	5.753	640	645	646	rBV2	1212	1647	0.23%	0.035%
24	5.844	658	660	664	rVB2	209	272	0.04%	0.006%
25	5.899	664	669	670	rBV2	321	472	0.07%	0.010%
26	5.930	670	674	679	rVB4	545	865	0.12%	0.019%
27	6.143	707	709	711	rVB	275	254	0.04%	0.005%
28	6.173	711	714	715	rBV	249	259	0.04%	0.006%
29	6.369	742	746	747	rVB3	273	266	0.04%	0.006%
30	6.497	766	767	773	rVB2	329	407	0.06%	0.009%
31	6.576	778	780	783	rBV	218	241	0.03%	0.005%
32	6.600	783	784	786	rBV2	275	185	0.03%	0.004%
33	6.704	796	801	804	rBV4	1140	2189	0.31%	0.047%
34	6.820	816	820	822	rBV3	444	494	0.07%	0.011%

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 Title : VOC Analysis

35	6.899	824	833	844	rBV	28149	79637	11.14%	1.707%
36	7.356	904	908	915	rVB5	1438	3380	0.47%	0.072%
37	7.490	920	930	943	rVB	119389	296658	41.51%	6.359%
38	7.667	954	959	960	rBV2	304	448	0.06%	0.010%
39	7.893	995	996	999	rBV2	362	268	0.04%	0.006%
40	7.960	1005	1007	1009	rBV	172	173	0.02%	0.004%
41	8.027	1014	1018	1019	rBV	296	299	0.04%	0.006%
42	8.118	1023	1033	1048	rVV2	231764	714740	100.00%	15.321%
43	8.240	1051	1053	1055	rBV	410	377	0.05%	0.008%
44	8.399	1074	1079	1088	rBV4	1839	3624	0.51%	0.078%
45	8.563	1098	1106	1110	rBV4	1142	2409	0.34%	0.052%
46	8.697	1118	1128	1138	rBV	210788	417301	58.39%	8.945%
47	8.789	1142	1143	1147	rVB	312	258	0.04%	0.006%
48	8.929	1158	1166	1174	rVB4	9825	20237	2.83%	0.434%
49	8.996	1174	1177	1179	rBV2	229	281	0.04%	0.006%
50	9.124	1190	1198	1207	rBV	160361	327128	45.77%	7.012%
51	9.264	1215	1221	1227	rBV3	5330	10052	1.41%	0.215%
52	9.405	1243	1244	1245	rBV3	278	181	0.03%	0.004%
53	9.514	1258	1262	1267	rVB3	792	1392	0.19%	0.030%
54	9.618	1278	1279	1281	rBV	338	282	0.04%	0.006%
55	9.758	1299	1302	1304	rBV2	245	263	0.04%	0.006%
56	9.892	1317	1324	1333	rBV	101407	168548	23.58%	3.613%
57	9.978	1336	1338	1340	rVV2	599	532	0.07%	0.011%
58	10.087	1354	1356	1359	rVB2	249	177	0.02%	0.004%
59	10.179	1363	1371	1379	rBV	304855	530222	74.18%	11.365%
60	10.441	1407	1414	1420	rBV	64254	109002	15.25%	2.336%
61	10.581	1431	1437	1442	rBV2	2622	4735	0.66%	0.101%
62	10.642	1445	1447	1449	rBV2	357	280	0.04%	0.006%
63	10.721	1453	1460	1466	rBV	111238	191186	26.75%	4.098%
64	10.789	1466	1471	1480	rVB	119708	187551	26.24%	4.020%
65	10.935	1488	1495	1503	rBV2	22758	36341	5.08%	0.779%
66	11.142	1526	1529	1532	rBV3	376	534	0.07%	0.011%
67	11.191	1536	1537	1539	rVB2	334	178	0.02%	0.004%
68	11.307	1554	1556	1560	rVV2	232	347	0.05%	0.007%
69	11.355	1562	1564	1565	rVV	233	188	0.03%	0.004%
70	11.404	1569	1572	1573	rBV	323	275	0.04%	0.006%
71	11.490	1579	1586	1598	rVB	255570	403961	56.52%	8.659%

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 Title : VOC Analysis

72	11.587	1601	1602	1604	rBV	254	214	0.03%	0.005%
73	11.697	1615	1620	1628	rBV2	4980	9250	1.29%	0.198%
74	11.947	1658	1661	1664	rBV3	302	449	0.06%	0.010%
75	11.977	1664	1666	1668	rVV	223	200	0.03%	0.004%
76	12.209	1700	1704	1709	rVB2	1243	2020	0.28%	0.043%
77	12.319	1720	1722	1726	rBV3	299	299	0.04%	0.006%
78	12.489	1745	1750	1755	rBV2	4631	6669	0.93%	0.143%
79	12.563	1755	1762	1769	rVB	131029	215954	30.21%	4.629%
80	12.727	1787	1789	1792	rVB2	238	245	0.03%	0.005%
81	12.806	1799	1802	1804	rBV	475	456	0.06%	0.010%
82	12.880	1811	1814	1815	rBV2	275	284	0.04%	0.006%
83	13.002	1831	1834	1837	rVB3	271	346	0.05%	0.007%
84	13.117	1850	1853	1854	rBV2	339	332	0.05%	0.007%
85	13.184	1863	1864	1866	rBV	321	208	0.03%	0.004%
86	13.227	1866	1871	1872	rVV2	323	449	0.06%	0.010%
87	13.270	1875	1878	1882	rVV5	1052	1425	0.20%	0.031%
88	13.422	1897	1903	1909	rBV	131481	198731	27.80%	4.260%
89	13.587	1927	1930	1932	rBV2	316	297	0.04%	0.006%
90	13.721	1943	1952	1959	rVB	123049	194148	27.16%	4.162%
91	13.770	1959	1960	1963	rBV2	470	373	0.05%	0.008%
92	13.965	1986	1992	1998	rVB3	1488	2751	0.38%	0.059%
93	14.196	2029	2030	2038	rBV4	405	670	0.09%	0.014%
94	14.318	2047	2050	2051	rBV	347	301	0.04%	0.006%
95	14.343	2052	2054	2057	rVV2	363	297	0.04%	0.006%
96	14.404	2061	2064	2069	rBV4	572	930	0.13%	0.020%
97	14.958	2153	2155	2158	rBV2	456	480	0.07%	0.010%
98	15.495	2241	2243	2246	rBV3	373	459	0.06%	0.010%
99	15.544	2249	2251	2252	rVB	361	182	0.03%	0.004%
100	16.159	2351	2352	2356	rBV3	470	369	0.05%	0.008%

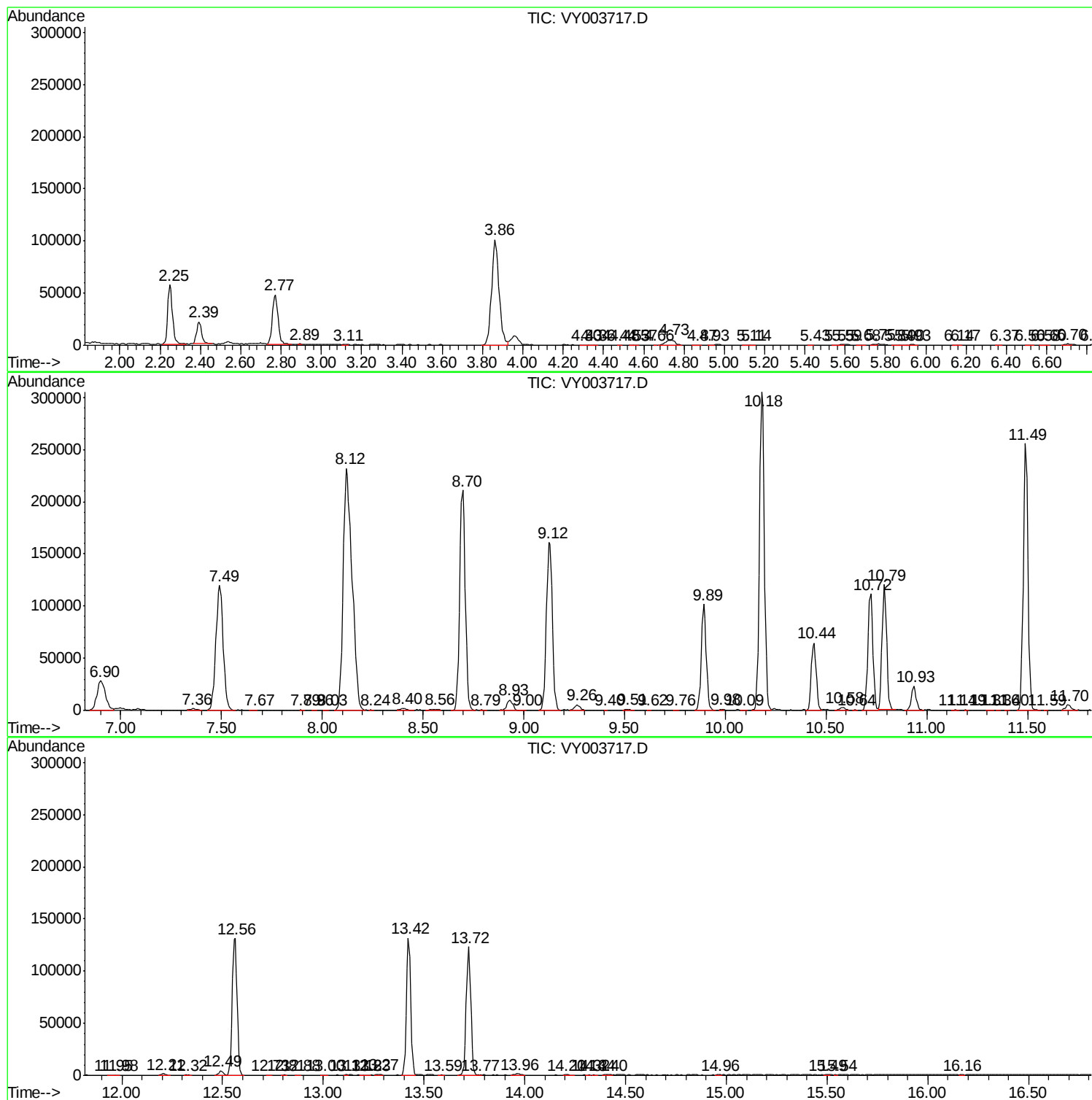
Sum of corrected areas: 4665221

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis

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



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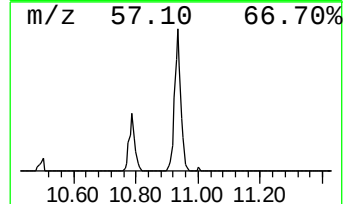
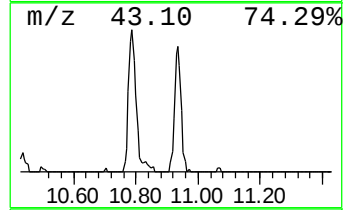
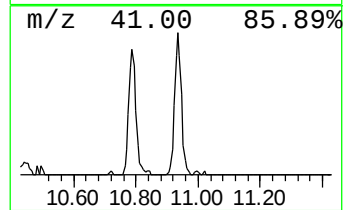
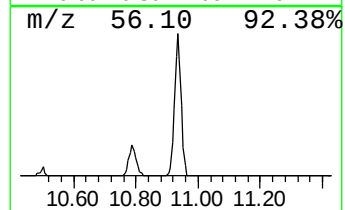
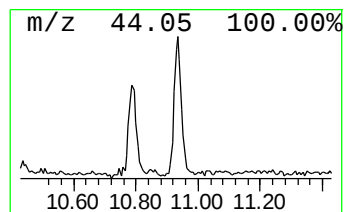
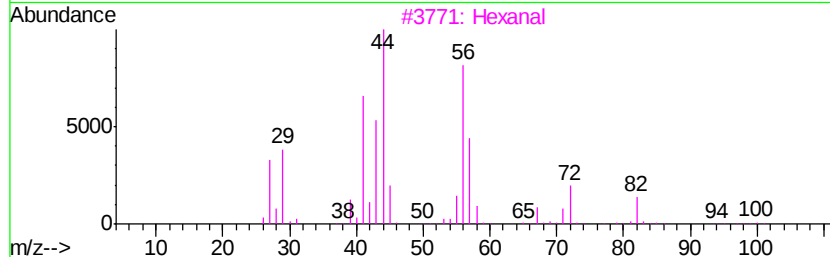
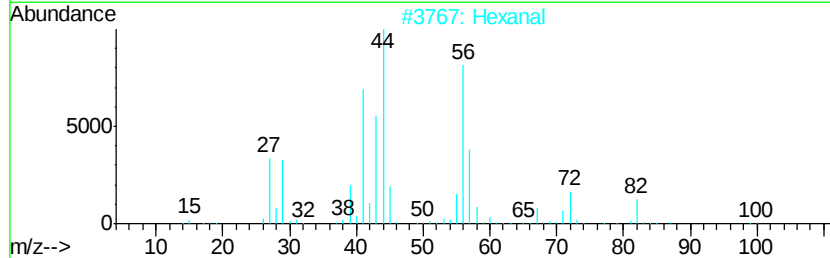
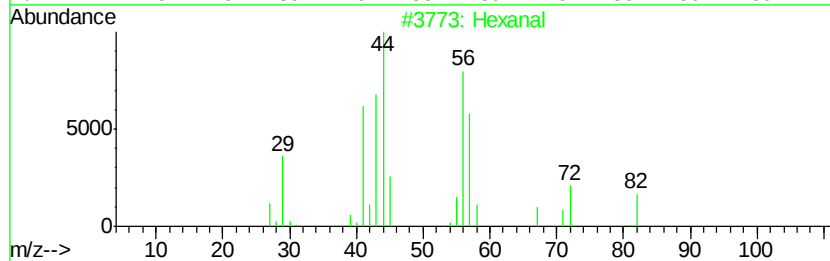
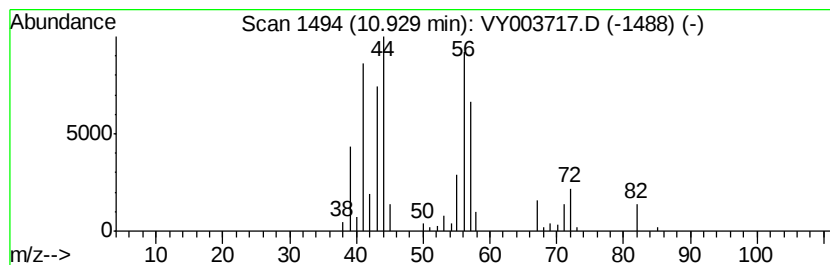
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.25 ug/L	36341	Chlorobenzene-d5	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	72
2	Hexanal		100	C6H12O	000066-25-1	64
3	Hexanal		100	C6H12O	000066-25-1	59
4	Hexanal		100	C6H12O	000066-25-1	53
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	32



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	10.93	2.3	ug/L	36341	2	11.49	403961	25.0