

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016079.D
 Acq On : 07 Aug 2020 18:59
 Operator : SY/VA
 Sample : L3598-02
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY60

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\SOM2WLM072020S.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	86	rBV	43786	88022	10.07%	1.244%
2	2.891	155	162	175	rBV	34217	86155	9.86%	1.218%
3	3.879	322	324	327	rVB2	211	193	0.02%	0.003%
4	3.934	332	333	335	rVB2	236	141	0.02%	0.002%
5	4.013	335	346	362	rBV	83705	277305	31.73%	3.919%
6	4.233	380	382	383	rBV	150	120	0.01%	0.002%
7	4.336	395	399	400	rVB	107	127	0.01%	0.002%
8	4.422	406	413	426	rVB3	985	3654	0.42%	0.052%
9	4.507	426	427	429	rBV	171	129	0.01%	0.002%
10	4.653	449	451	453	rBV	192	177	0.02%	0.003%
11	4.915	483	494	511	rVV3	8226	29136	3.33%	0.412%
12	5.037	513	514	517	rBV2	120	117	0.01%	0.002%
13	5.111	523	526	527	rBV	140	144	0.02%	0.002%
14	5.184	534	538	539	rBV3	152	168	0.02%	0.002%
15	5.324	557	561	562	rBV	143	162	0.02%	0.002%
16	5.361	565	567	572	rBV2	174	268	0.03%	0.004%
17	5.501	587	590	591	rBV	123	115	0.01%	0.002%
18	5.671	616	618	620	rVV	202	163	0.02%	0.002%
19	5.787	636	637	639	rVB2	199	119	0.01%	0.002%
20	5.934	651	661	674	rBV4	4439	12863	1.47%	0.182%
21	6.281	716	718	721	rBV	189	160	0.02%	0.002%
22	6.488	750	752	754	rVB2	193	147	0.02%	0.002%
23	6.525	754	758	759	rBV2	109	118	0.01%	0.002%
24	6.787	800	801	803	rBV2	224	175	0.02%	0.002%
25	6.842	806	810	812	rBV2	152	248	0.03%	0.004%
26	6.903	814	820	830	rBV4	861	2352	0.27%	0.033%
27	7.086	841	850	857	rBV	36074	101068	11.56%	1.428%
28	7.263	873	879	893	rVB	5476	14564	1.67%	0.206%
29	7.385	896	899	901	rBV	217	315	0.04%	0.004%
30	7.421	901	905	906	rBV2	155	142	0.02%	0.002%
31	7.653	932	943	959	rBV	150634	369347	42.26%	5.220%
32	7.952	988	992	1000	rVB3	749	1635	0.19%	0.023%
33	8.281	1034	1046	1063	rBV2	286480	874053	100.00%	12.353%
34	8.549	1088	1090	1092	rBV2	187	193	0.02%	0.003%

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 Title : VOC Analysis

35	8.659	1106	1108	1109	rBV	159	122	0.01%	0.002%
36	8.701	1109	1115	1121	rVV4	358	1027	0.12%	0.015%
37	8.848	1130	1139	1152	rBV	323716	648588	74.20%	9.166%
38	9.037	1166	1170	1171	rBV2	1457	1523	0.17%	0.022%
39	9.274	1200	1209	1219	rBV	200226	408171	46.70%	5.769%
40	9.415	1226	1232	1240	rVV3	4223	8056	0.92%	0.114%
41	9.579	1257	1259	1261	rVB2	189	119	0.01%	0.002%
42	9.604	1261	1263	1266	rBV2	116	131	0.01%	0.002%
43	9.659	1266	1272	1279	rBV3	1599	3272	0.37%	0.046%
44	9.805	1293	1296	1299	rBV2	97	117	0.01%	0.002%
45	10.037	1326	1334	1344	rBV	102914	187523	21.45%	2.650%
46	10.158	1351	1354	1360	rVB6	1334	2269	0.26%	0.032%
47	10.238	1366	1367	1371	rVB	151	150	0.02%	0.002%
48	10.323	1374	1381	1390	rBV	395405	708093	81.01%	10.007%
49	10.506	1408	1411	1412	rBV2	210	205	0.02%	0.003%
50	10.524	1412	1414	1416	rVV2	237	147	0.02%	0.002%
51	10.579	1416	1423	1433	rVV	72715	124816	14.28%	1.764%
52	10.707	1437	1444	1450	rVV	16972	29737	3.40%	0.420%
53	10.811	1460	1461	1464	rVV2	173	135	0.02%	0.002%
54	10.860	1465	1469	1474	rVV3	1799	2995	0.34%	0.042%
55	10.927	1474	1480	1497	rVV	152531	253919	29.05%	3.589%
56	11.073	1498	1504	1518	rVV	31015	52831	6.04%	0.747%
57	11.183	1520	1522	1524	rVB2	325	271	0.03%	0.004%
58	11.262	1534	1535	1539	rBV	272	150	0.02%	0.002%
59	11.384	1554	1555	1557	rBV2	132	116	0.01%	0.002%
60	11.506	1573	1575	1578	rVB	248	204	0.02%	0.003%
61	11.634	1589	1596	1605	rBV	458745	755494	86.44%	10.677%
62	11.841	1625	1630	1639	rBV3	1651	3966	0.45%	0.056%
63	12.042	1662	1663	1667	rVB	149	172	0.02%	0.002%
64	12.170	1677	1684	1688	rBV2	465	782	0.09%	0.011%
65	12.231	1692	1694	1695	rVB	189	115	0.01%	0.002%
66	12.256	1695	1698	1699	rBV	243	254	0.03%	0.004%
67	12.268	1699	1700	1703	rVB	364	237	0.03%	0.003%
68	12.341	1708	1712	1719	rVB3	1439	2374	0.27%	0.034%
69	12.469	1726	1733	1736	rVB2	260	525	0.06%	0.007%
70	12.512	1738	1740	1742	rVB2	167	146	0.02%	0.002%
71	12.542	1742	1745	1747	rBV	152	196	0.02%	0.003%

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72	12.609	1749	1756	1763	rVV	177732	293975	33.63%	4.155%
73	12.695	1763	1770	1778	rVB	211896	343844	39.34%	4.859%
74	12.749	1778	1779	1782	rBV	173	188	0.02%	0.003%
75	12.816	1787	1790	1791	rBV	244	163	0.02%	0.002%
76	12.865	1796	1798	1800	rVV2	254	266	0.03%	0.004%
77	12.908	1803	1805	1806	rVV2	201	167	0.02%	0.002%
78	12.932	1806	1809	1814	rVB2	739	1251	0.14%	0.018%
79	13.005	1820	1821	1826	rVB2	142	134	0.02%	0.002%
80	13.048	1826	1828	1829	rBV	128	123	0.01%	0.002%
81	13.097	1834	1836	1837	rVB	198	120	0.01%	0.002%
82	13.109	1837	1838	1841	rBV2	177	184	0.02%	0.003%
83	13.255	1857	1862	1870	rVB4	616	1642	0.19%	0.023%
84	13.402	1883	1886	1890	rVB	1505	1988	0.23%	0.028%
85	13.499	1900	1902	1905	rVV	143	149	0.02%	0.002%
86	13.560	1905	1912	1920	rVV	406614	642869	73.55%	9.086%
87	13.652	1922	1927	1935	rVB2	6934	11198	1.28%	0.158%
88	13.749	1940	1943	1945	rBV2	245	294	0.03%	0.004%
89	13.780	1945	1948	1949	rBV2	264	255	0.03%	0.004%
90	13.853	1953	1960	1971	rVB	347106	574008	65.67%	8.112%
91	13.993	1982	1983	1986	rVB2	289	115	0.01%	0.002%
92	14.072	1986	1996	2003	rBV	65655	107017	12.24%	1.512%
93	14.158	2008	2010	2015	rBV2	200	229	0.03%	0.003%
94	14.328	2034	2038	2045	rVB3	3155	4641	0.53%	0.066%
95	14.524	2067	2070	2076	rVB5	1139	1798	0.21%	0.025%
96	15.121	2167	2168	2171	rBV2	376	385	0.04%	0.005%
97	15.243	2187	2188	2193	rBV2	347	355	0.04%	0.005%
98	15.353	2204	2206	2207	rBV2	400	325	0.04%	0.005%
99	15.493	2223	2229	2237	rBV	14288	25162	2.88%	0.356%
100	16.291	2358	2360	2361	rBV2	410	179	0.02%	0.003%

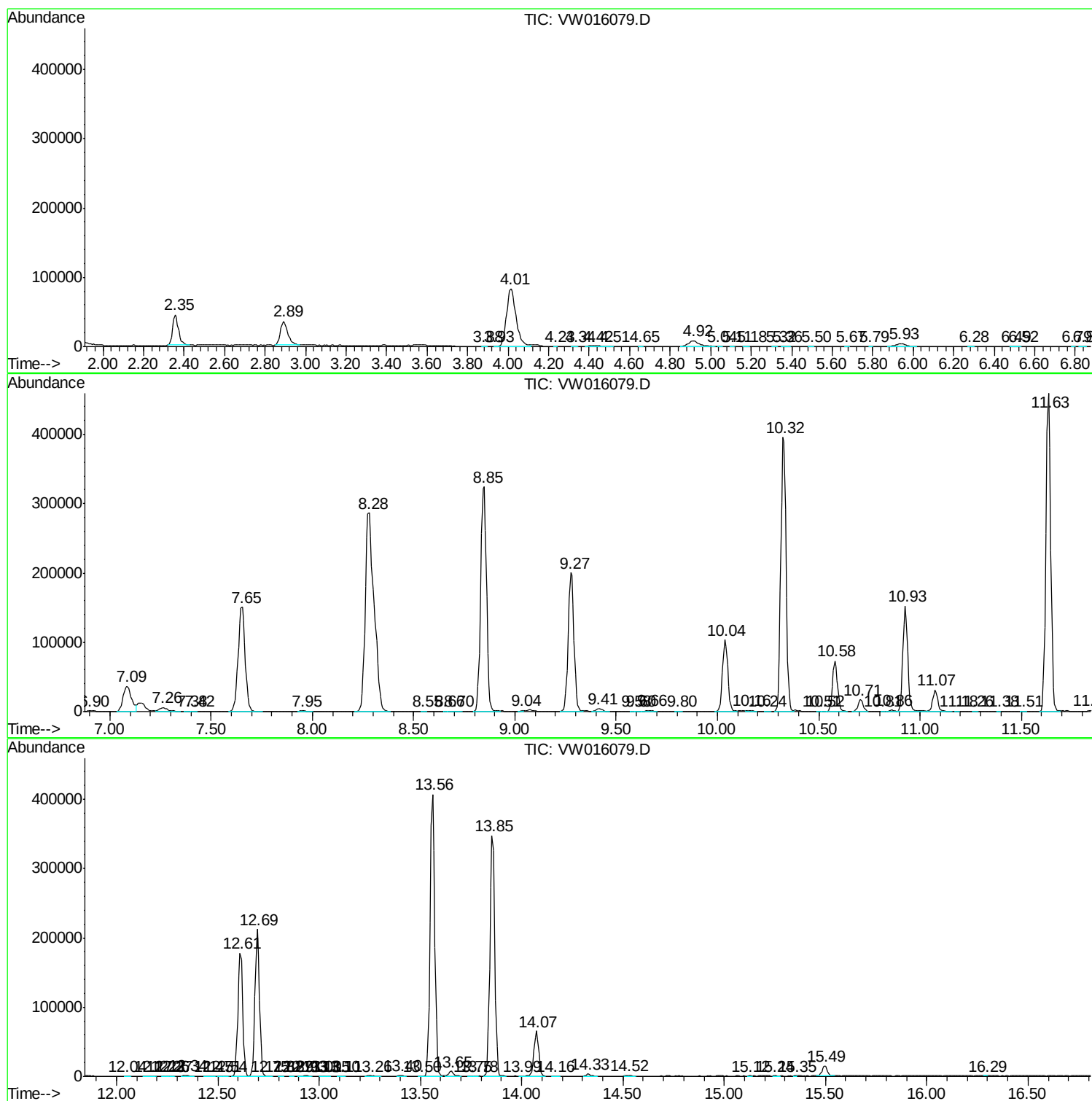
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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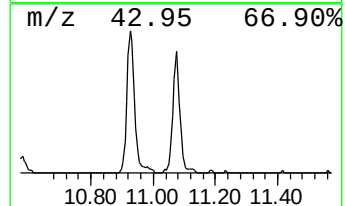
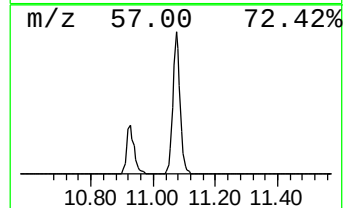
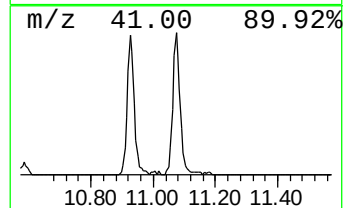
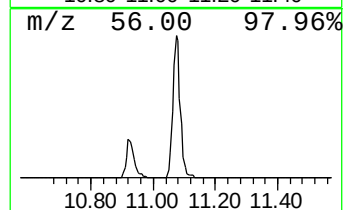
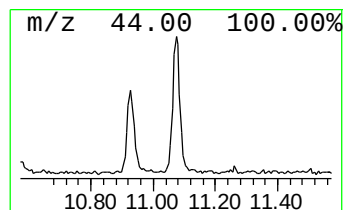
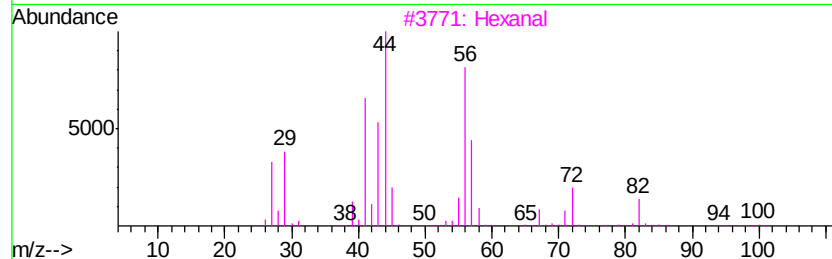
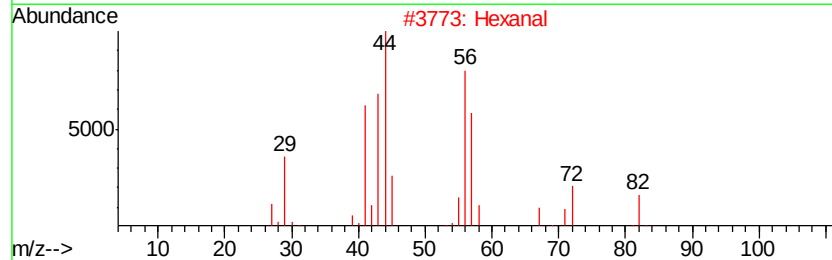
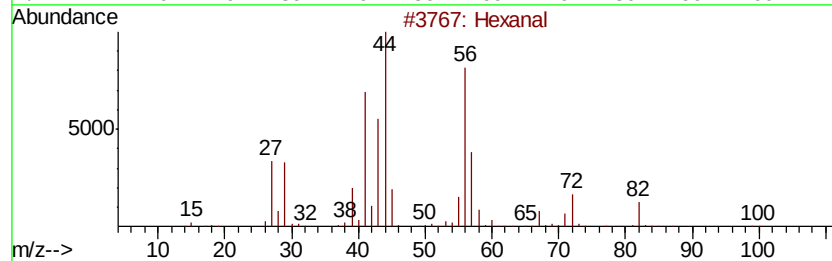
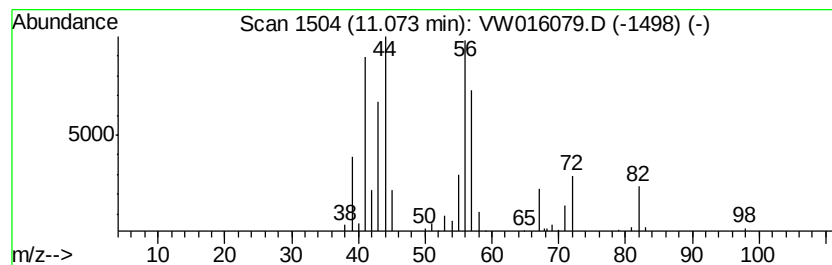
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.75 ug/L	52831	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	Butanal, 3-methyl-		86	C5H10O	000590-86-3	38
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.07	1.8	ug/L	52831	2	11.63	755494	25.0