

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032519\
 Data File : VW009423.D
 Acq On : 25 Mar 2019 12:56
 Operator : SY/VA
 Sample : K1988-09RE
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C0RE

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\SOM2WLM031419S.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	2.160	38	42	46	rVB4	6463	9399	0.70%	0.093%
2	2.355	68	74	84	rBV	65283	157460	11.65%	1.554%
3	2.891	156	162	174	rVB	69519	177381	13.12%	1.751%
4	3.769	304	306	309	rBV2	2384	2374	0.18%	0.023%
5	3.910	326	329	331	rVB2	2109	2025	0.15%	0.020%
6	4.007	336	345	357	rBV2	123108	422956	31.29%	4.175%
7	4.117	361	363	372	rVB	13182	22267	1.65%	0.220%
8	4.373	401	405	407	rBV4	3703	4629	0.34%	0.046%
9	4.477	419	422	425	rVB	1480	1803	0.13%	0.018%
10	4.525	428	430	432	rBV	2640	2162	0.16%	0.021%
11	4.611	438	444	445	rVB	2717	3867	0.29%	0.038%
12	4.629	445	447	448	rBV	2244	1893	0.14%	0.019%
13	4.781	470	472	474	rBV2	1672	1978	0.15%	0.020%
14	4.915	481	494	505	rBV3	22336	88966	6.58%	0.878%
15	5.196	538	540	544	rVB2	1711	2119	0.16%	0.021%
16	5.306	556	558	561	rBV2	1598	2026	0.15%	0.020%
17	5.409	568	575	577	rBV3	4842	9720	0.72%	0.096%
18	5.708	622	624	626	rBV	2052	2378	0.18%	0.023%
19	5.738	626	629	631	rVV	2076	2146	0.16%	0.021%
20	5.769	631	634	635	rBV2	2333	2319	0.17%	0.023%
21	5.927	653	660	671	rVB5	14898	48002	3.55%	0.474%
22	6.153	694	697	699	rVB	2337	2715	0.20%	0.027%
23	6.184	699	702	704	rBV2	2042	3220	0.24%	0.032%
24	6.257	713	714	717	rBV	1965	1854	0.14%	0.018%
25	6.537	757	760	762	rBV	1780	1794	0.13%	0.018%
26	6.738	790	793	794	rBV	1701	2128	0.16%	0.021%
27	6.836	805	809	811	rBV2	1669	2270	0.17%	0.022%
28	6.885	814	817	820	rBV	2142	3451	0.26%	0.034%
29	7.080	837	849	854	rBV	45166	126290	9.34%	1.247%
30	7.165	854	863	875	rVB	434567	1202762	88.97%	11.872%
31	7.647	932	942	954	rVV	266138	635580	47.01%	6.273%
32	7.744	956	958	960	rVV	2654	1910	0.14%	0.019%
33	7.842	973	974	976	rBV	1715	1704	0.13%	0.017%
34	7.921	984	987	991	rBV2	2064	3478	0.26%	0.034%

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 Title : VOC Analysis

35	8.122	1017	1020	1021	rVV	2271	1957	0.14%	0.019%
36	8.275	1033	1045	1061	rVV2	441519	1351940	100.00%	13.344%
37	8.390	1063	1064	1066	rVV2	2211	1895	0.14%	0.019%
38	8.409	1066	1067	1070	rVB2	2685	1724	0.13%	0.017%
39	8.567	1090	1093	1096	rVV	2803	2574	0.19%	0.025%
40	8.714	1114	1117	1119	rBV3	1639	1819	0.13%	0.018%
41	8.842	1130	1138	1146	rBV	250691	503085	37.21%	4.966%
42	8.976	1156	1160	1161	rBV	2463	2455	0.18%	0.024%
43	9.024	1164	1168	1170	rBV3	3384	4426	0.33%	0.044%
44	9.092	1170	1179	1190	rVB2	71911	154170	11.40%	1.522%
45	9.274	1198	1209	1220	rBV	321252	664004	49.11%	6.554%
46	9.652	1268	1271	1272	rBV	1849	2026	0.15%	0.020%
47	9.695	1275	1278	1280	rVB	1589	1786	0.13%	0.018%
48	9.750	1286	1287	1291	rVB	3184	2199	0.16%	0.022%
49	9.902	1309	1312	1317	rBV3	1856	3181	0.24%	0.031%
50	10.030	1326	1333	1343	rBV	169181	308786	22.84%	3.048%
51	10.323	1374	1381	1388	rBV	584134	1014434	75.04%	10.013%
52	10.475	1403	1406	1408	rVB	1892	2194	0.16%	0.022%
53	10.500	1408	1410	1413	rBV	2094	2956	0.22%	0.029%
54	10.579	1416	1423	1430	rBV	114573	202457	14.98%	1.998%
55	10.707	1441	1444	1449	rVB3	4225	6987	0.52%	0.069%
56	10.860	1463	1469	1474	rBV4	21531	36425	2.69%	0.360%
57	10.927	1474	1480	1489	rBV	175187	298299	22.06%	2.944%
58	11.067	1499	1503	1512	rBV5	9804	17697	1.31%	0.175%
59	11.170	1518	1520	1524	rBV4	3397	4036	0.30%	0.040%
60	11.219	1527	1528	1533	rVB3	1758	2117	0.16%	0.021%
61	11.280	1536	1538	1540	rBV	2123	1808	0.13%	0.018%
62	11.329	1544	1546	1549	rBV3	1878	2345	0.17%	0.023%
63	11.408	1556	1559	1563	rVV3	3526	5518	0.41%	0.054%
64	11.634	1588	1596	1605	rBV	349429	615656	45.54%	6.077%
65	11.701	1605	1607	1609	rBV2	1684	1911	0.14%	0.019%
66	11.768	1616	1618	1621	rVB2	2886	1811	0.13%	0.018%
67	11.896	1638	1639	1641	rBV	1959	1859	0.14%	0.018%
68	12.347	1710	1713	1718	rVB4	2551	4042	0.30%	0.040%
69	12.579	1749	1751	1752	rBV	2365	2425	0.18%	0.024%
70	12.615	1752	1757	1763	rVB3	12304	21152	1.56%	0.209%
71	12.695	1763	1770	1778	rBV	273727	451062	33.36%	4.452%

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72	12.938	1807	1810	1813	rVV4	2771	3094	0.23%	0.031%
73	12.987	1815	1818	1821	rBV	1635	2336	0.17%	0.023%
74	13.188	1847	1851	1853	rBV3	1623	2690	0.20%	0.027%
75	13.274	1862	1865	1867	rBV2	2350	2303	0.17%	0.023%
76	13.377	1879	1882	1883	rBV2	2534	1852	0.14%	0.018%
77	13.408	1885	1887	1890	rVB4	2486	1980	0.15%	0.020%
78	13.432	1890	1891	1894	rVB	2557	1840	0.14%	0.018%
79	13.475	1894	1898	1902	rBV4	7414	15270	1.13%	0.151%
80	13.560	1906	1912	1919	rVB	329013	512270	37.89%	5.056%
81	13.731	1937	1940	1942	rBV2	2458	3580	0.26%	0.035%
82	13.859	1953	1961	1967	rBV	516231	863450	63.87%	8.522%
83	13.963	1974	1978	1980	rBV4	2153	2946	0.22%	0.029%
84	14.072	1993	1996	2002	rVB3	6791	11978	0.89%	0.118%
85	14.158	2008	2010	2013	rVB3	3261	3440	0.25%	0.034%
86	14.310	2030	2035	2036	rBV4	2060	2401	0.18%	0.024%
87	14.335	2036	2039	2043	rVB5	3474	5745	0.42%	0.057%
88	14.834	2117	2121	2122	rBV	2011	2302	0.17%	0.023%
89	14.883	2127	2129	2131	rVV	1712	1919	0.14%	0.019%
90	14.914	2133	2134	2139	rVB	2359	2844	0.21%	0.028%
91	15.054	2155	2157	2160	rVB	2390	2141	0.16%	0.021%
92	15.188	2177	2179	2181	rBV3	2686	2509	0.19%	0.025%
93	15.444	2218	2221	2224	rVV4	2748	3966	0.29%	0.039%
94	15.511	2230	2232	2233	rBV	2270	1810	0.13%	0.018%
95	15.566	2239	2241	2244	rBV2	1657	1802	0.13%	0.018%
96	15.920	2298	2299	2302	rBV2	2320	1790	0.13%	0.018%
97	15.944	2302	2303	2306	rVV	2099	2025	0.15%	0.020%
98	16.407	2377	2379	2381	rVB2	2552	2144	0.16%	0.021%
99	16.450	2383	2386	2389	rBV	3052	5042	0.37%	0.050%
100	16.572	2402	2406	2407	rVB3	1592	1787	0.13%	0.018%

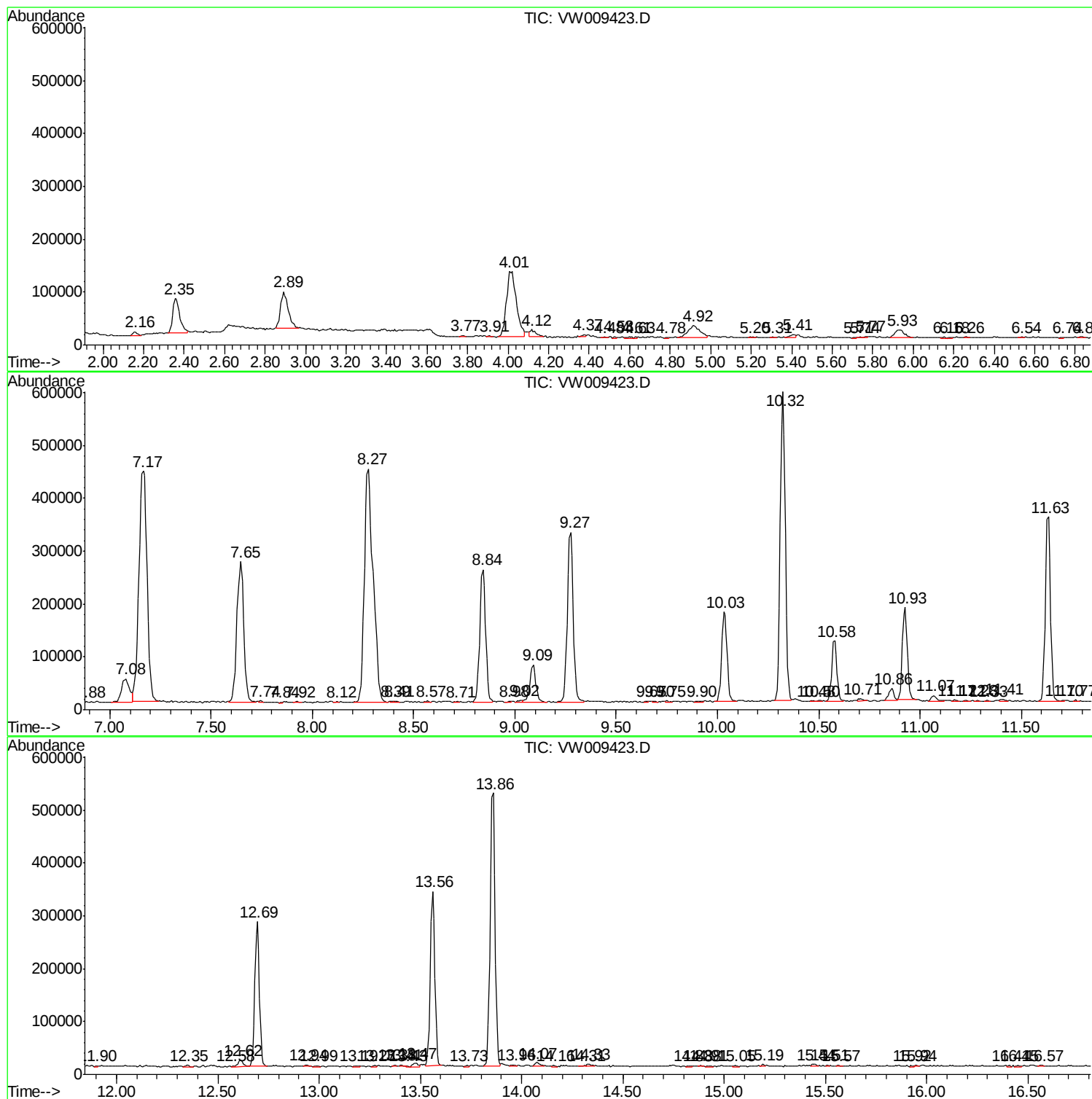
Sum of corrected areas: 10131500

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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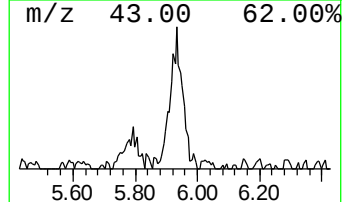
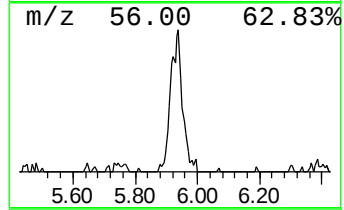
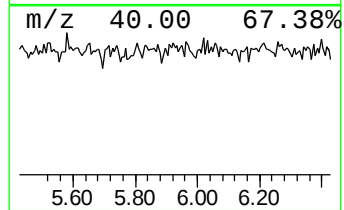
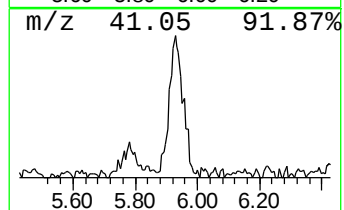
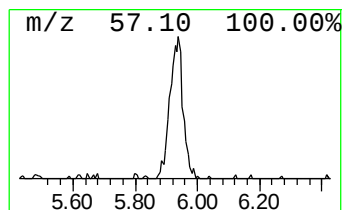
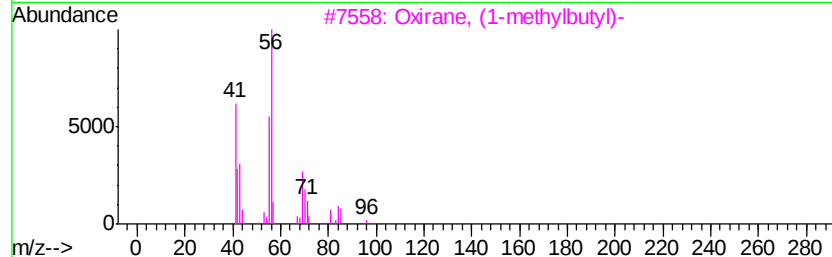
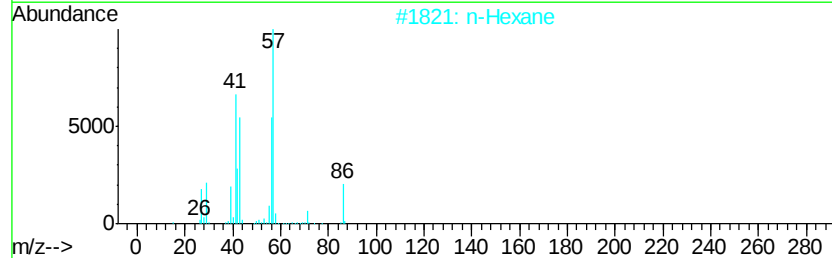
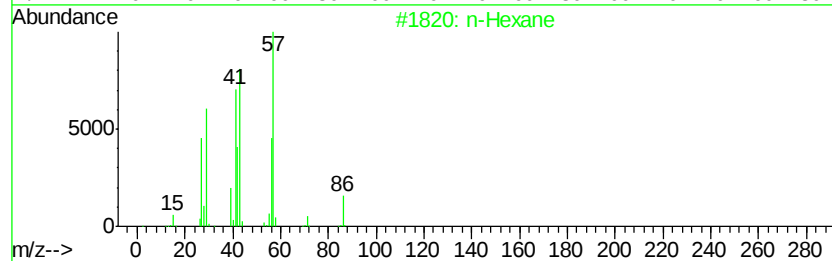
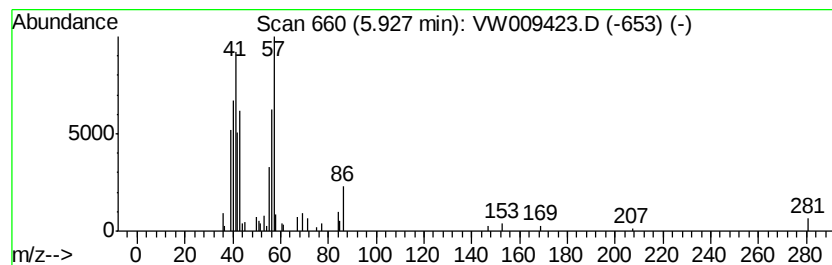
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.39 ug/L	48002	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	47
2			n-Hexane	86	C6H14	000110-54-3	43
3			Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	42
4			1-Butanamine, N-pentylidene-	141	C9H19N	010599-77-6	38
5			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	5.93	2.4	ug/L	48002	1	8.84	503085	25.0