LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080519\
Data File : VW011705.D
Acq On : 05 Aug 2019 12:08
Operator : SY/VA
Sample : K4117-07
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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	2.147	37	40	47	rBV3	3458	7361	0.56%	0.073%
2	2.349	67	73	84	rVB	88368	151832	11.47%	1.502%
3	2.885	153	161	173	rBV	58714	141018	10.65%	1.395%
4	3.684	286	292	297	rVB5	1146	2267	0.17%	0.022%
5	3.860	315	321	332	rVB5	2238	5647	0.43%	0.056%
6	4.013	334	346	362	rBV	142198	451901	34.13%	4.470%
7	4.403	401	410	412	rBV6	1454	3415	0.26%	0.034%
8	4.507	425	427	432	rVB5	719	969	0.07%	0.010%
9	4.623	441	446	449	rVB3	539	676	0.05%	0.007%
10	4.726	461	463	466	rVB2	437	518	0.04%	0.005%
11	4.915	481	494	509	rBV3	13236	51190	3.87%	0.506%
12	5.116	520	527	531	rBV4	879	2265	0.17%	0.022%
13	5.531	593	595	597	rBV3	419	466	0.04%	0.005%
14	5.647	610	614	616	rVB3	437	569	0.04%	0.006%
15	5.854	646	648	652	rVB2	575	575	0.04%	0.006%
16	5.933	652	661	670	rBV6	2785	9158	0.69%	0.091%
17	6.067	681	683	689	rVB3	429	629	0.05%	0.006%
18	6.360	729	731	734	rVB2	522	602	0.05%	0.006%
19	6.586	763	768	770	rBV2	558	861	0.07%	0.009%
20	6.640	775	777	779	rVB2	789	588	0.04%	0.006%
21	6.817	803	806	808	rBV3	666	585	0.04%	0.006%
22	6.921	820	823	825	rBV4	574	556	0.04%	0.005%
23	7.079	839	849	853	rBV	45490	118804	8.97%	1.175%
24	7.256	870	878	895	rVB	45242	119137	9.00%	1.178%
25	7.390	898	900	904	rVV4	541	688	0.05%	0.007%
26	7.439	906	908	911	rBV3	403	500	0.04%	0.005%
27	7.512	919	920	924	rVB3	715	821	0.06%	0.008%
28	7.646	932	942	955	rVV	216382	531288	40.13%	5.255%
29	7.756	958	960	965	rVB5	565	640	0.05%	0.006%
30	7.835	970	973	977	rVB5	473	699	0.05%	0.007%
31	7.945	988	991	994	rVB3	867	1229	0.09%	0.012%
32	8.110	1017	1018	1023	rBV2	541	633	0.05%	0.006%
33	8.171	1023	1028	1030	rVB3	604	881	0.07%	0.009%
34	8.274	1033	1045	1063	rBV2	445106	1323945	100.00%	13.095%

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Instrument : MSVOA_W
ClientSampleId : JLLF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

35	8.506	1081	1083	1087	rVB4	565	614	0.05%	0.006%
36	8.689	1108	1113	1118	rBV4	1165	1969	0.15%	0.019%
37	8.841	1129	1138	1147	rBV	504889	984053	74.33%	9.733%
38	9.036	1168	1170	1171	rBV2	548	471	0.04%	0.005%
39	9.207	1196	1198	1200	rVB2	679	475	0.04%	0.005%
40	9.274	1200	1209	1219	rBV	318374	638458	48.22%	6.315%
41	9.664	1264	1273	1280	rBV7	1891	4995	0.38%	0.049%
42	9.756	1286	1288	1292	rBV3	895	995	0.08%	0.010%
43	9.890	1303	1310	1316	rVB5	2202	4580	0.35%	0.045%
44	10.036	1321	1334	1343	rBV	163111	301185	22.75%	2.979%
45	10.122	1346	1348	1353	rVB4	1153	1738	0.13%	0.017%
46	10.207	1358	1362	1366	rBV6	1321	2328	0.18%	0.023%
47	10.237	1366	1367	1372	rVV3	1182	1842	0.14%	0.018%
48	10.323	1373	1381	1389	rVV	595684	1045313	78.95%	10.339%
49	10.390	1389	1392	1399	rVB2	4983	8780	0.66%	0.087%
50	10.579	1415	1423	1435	rBV	106631	185645	14.02%	1.836%
51	10.707	1438	1444	1450	rBV	20691	36531	2.76%	0.361%
52	10.841	1461	1466	1468	rBV4	1290	1783	0.13%	0.018%
53	10.926	1472	1480	1489	rBV	164860	283291	21.40%	2.802%
54	11.060	1496	1502	1511	rVB	26504	46221	3.49%	0.457%
55	11.170	1516	1520	1525	rBV5	1698	2785	0.21%	0.028%
56	11.292	1537	1540	1542	rBV3	517	542	0.04%	0.005%
57	11.402	1554	1558	1559	rBV3	1064	1069	0.08%	0.011%
58	11.438	1559	1564	1570	rVB3	3775	6821	0.52%	0.067%
59	11.554	1580	1583	1586	rVB2	681	866	0.07%	0.009%
60	11.633	1586	1596	1606	rBV	659118	1152015	87.01%	11.394%
61	11.841	1627	1630	1633	rVV5	1817	2402	0.18%	0.024%
62	11.871	1633	1635	1639	rVV4	631	757	0.06%	0.007%
63	12.042	1661	1663	1667	rBV2	535	478	0.04%	0.005%
64	12.097	1667	1672	1676	rVV6	573	1036	0.08%	0.010%
65	12.176	1678	1685	1691	rVB8	1102	2955	0.22%	0.029%
66	12.328	1706	1710	1712	rBV3	622	859	0.06%	0.008%
67	12.469	1726	1733	1737	rBV7	1714	2869	0.22%	0.028%
68	12.609	1749	1756	1762	rVB2	27353	46616	3.52%	0.461%
69	12.694	1762	1770	1777	rBV	212033	356541	26.93%	3.526%
70	12.755	1777	1780	1786	rVV4	2468	4083	0.31%	0.040%
71	12.895	1796	1803	1806	rVV5	3993	7045	0.53%	0.070%

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Instrument : MSVOA_W
ClientSampleId : JLLF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

72	12.932	1806	1809	1816	rVB3	6304	9687	0.73%	0.096%
73	13.030	1823	1825	1829	rVB3	1003	878	0.07%	0.009%
74	13.091	1833	1835	1840	rVB5	825	1217	0.09%	0.012%
75	13.170	1843	1848	1849	rBV4	669	947	0.07%	0.009%
76	13.225	1855	1857	1858	rBV2	585	578	0.04%	0.006%
77	13.249	1858	1861	1863	rVV4	2230	2764	0.21%	0.027%
78	13.298	1865	1869	1874	rVB5	2332	4897	0.37%	0.048%
79	13.347	1874	1877	1881	rVB4	564	760	0.06%	0.008%
80	13.401	1881	1886	1893	rVB6	2031	4565	0.34%	0.045%
81	13.475	1893	1898	1899	rBV3	1930	2571	0.19%	0.025%
82	13.505	1901	1903	1905	rVB3	960	712	0.05%	0.007%
83	13.560	1905	1912	1921	rBV	657249	1056094	79.77%	10.446%
84	13.651	1921	1927	1934	rVV	31991	50257	3.80%	0.497%
85	13.761	1941	1945	1949	rBV6	1376	2404	0.18%	0.024%
86	13.853	1953	1960	1968	rBV	516000	834032	63.00%	8.249%
87	14.072	1991	1996	2006	rVB2	17373	28297	2.14%	0.280%
88	14.328	2033	2038	2041	rBV7	2355	3580	0.27%	0.035%
89	14.523	2066	2070	2077	rBV7	1174	2588	0.20%	0.026%
90	14.621	2084	2086	2090	rVB5	1253	1335	0.10%	0.013%
91	14.724	2100	2103	2107	rVB4	1724	2528	0.19%	0.025%
92	14.779	2107	2112	2117	rBV6	882	2106	0.16%	0.021%
93	14.816	2117	2118	2120	rBV	702	506	0.04%	0.005%
94	15.017	2148	2151	2152	rBV2	819	746	0.06%	0.007%
95	15.438	2214	2220	2227	rVB2	10996	17573	1.33%	0.174%
96	15.547	2236	2238	2240	rBV2	1251	1269	0.10%	0.013%
97	15.657	2253	2256	2258	rBV3	612	732	0.06%	0.007%
98	15.700	2259	2263	2268	rVV6	759	1555	0.12%	0.015%
99	15.840	2284	2286	2289	rBV3	632	705	0.05%	0.007%
100	16.395	2375	2377	2380	rVV4	690	702	0.05%	0.007%

Sum of corrected areas: 10110504

LSC Report - Integrated Chromatogram

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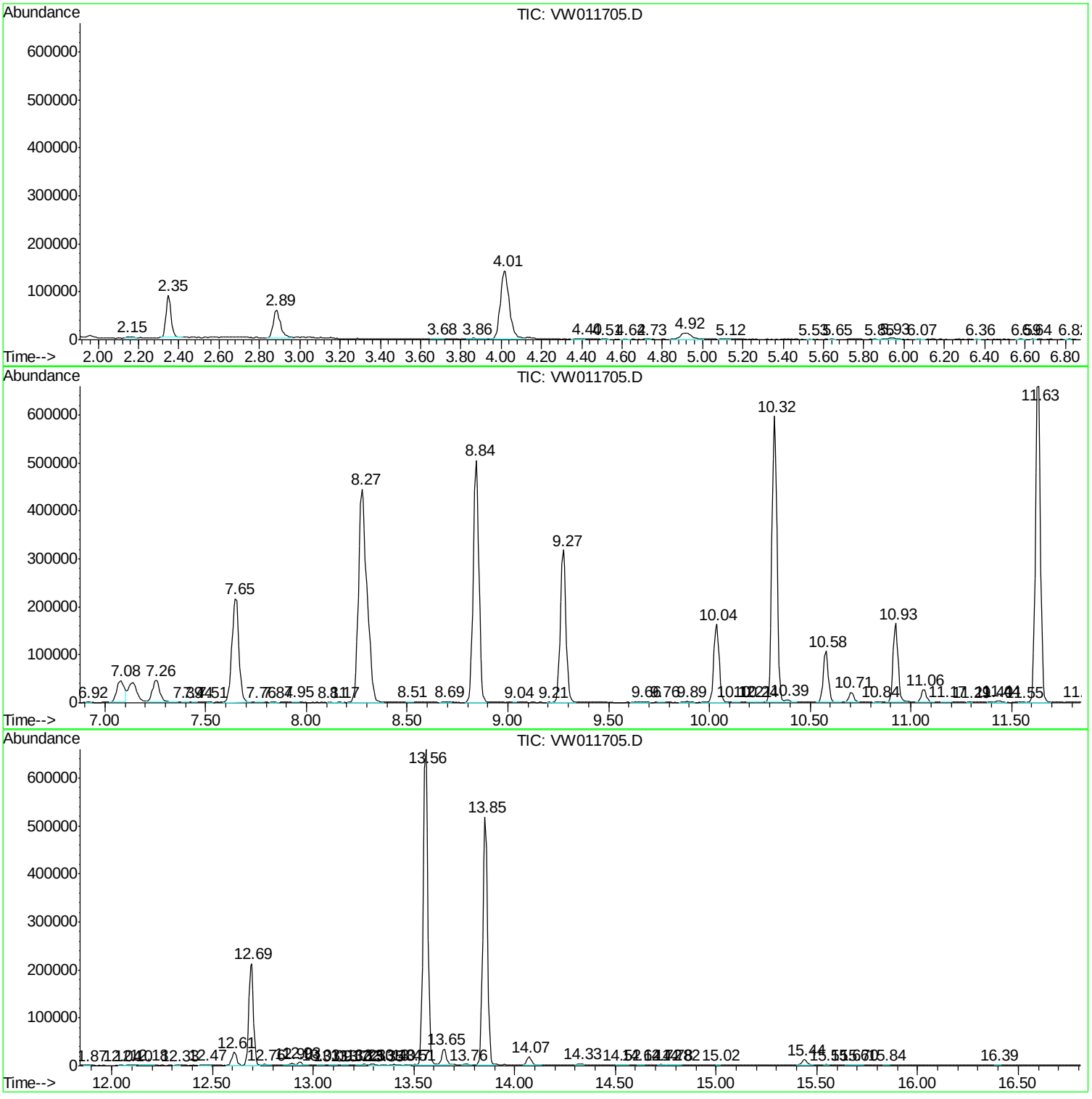
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLF5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080519\
Data File : VW011705.D
Acq On : 05 Aug 2019 12:08
Operator : SY/VA
Sample : K4117-07
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLF5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

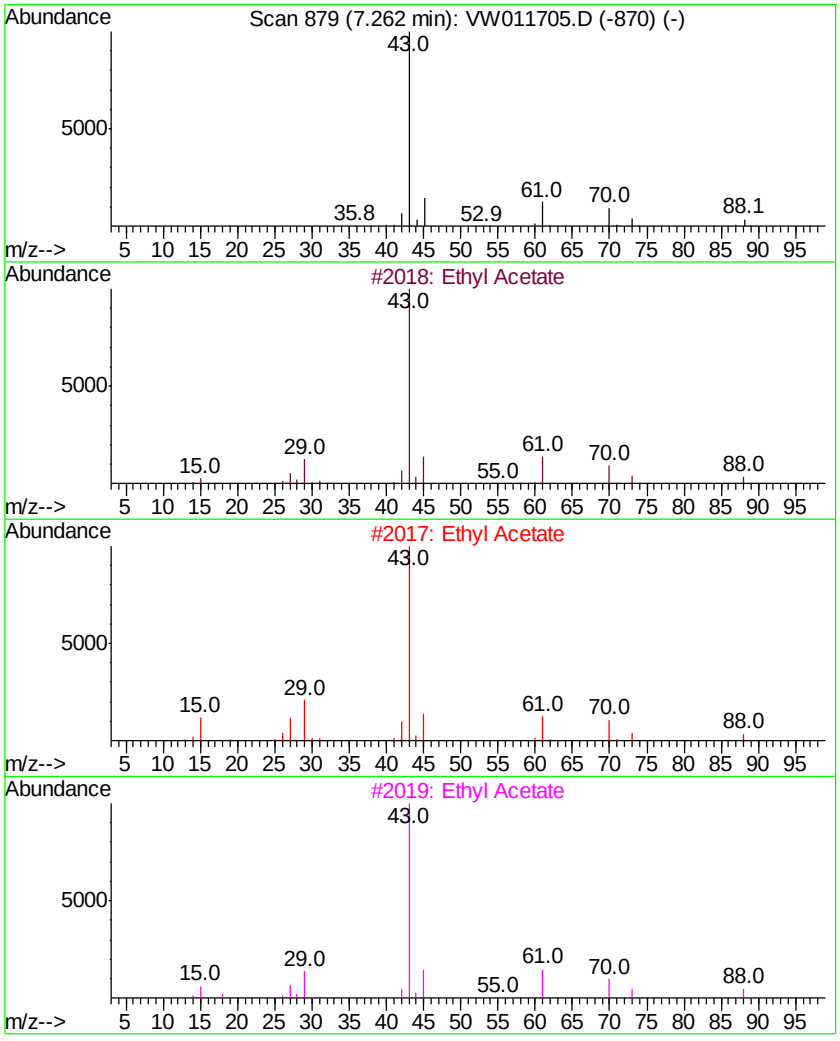
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

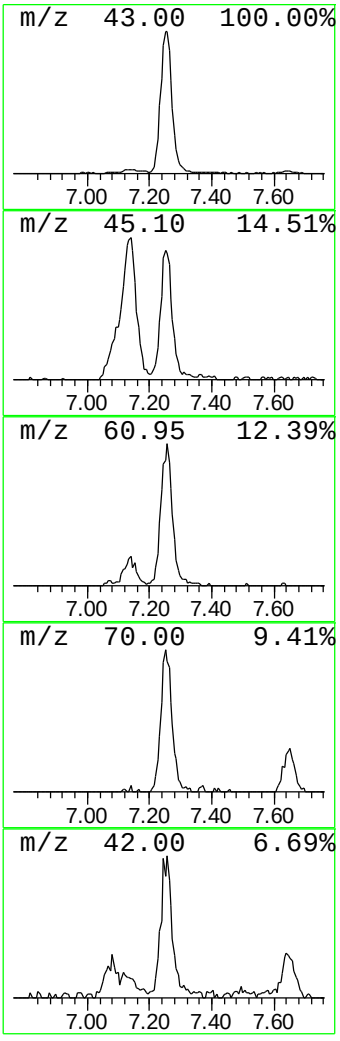
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	3.03 ug/L	119137	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	72
3	Ethyl Acetate	88	C4H8O2	000141-78-6	59
4	Ethyl Acetate	88	C4H8O2	000141-78-6	56
5	(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080519\
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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Acetate	7.26	3.0	ug/L	119137	1	8.84	984053	25.0