LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
Data File : VW013969.D
Acq On : 11 Nov 2019 19:45
Operator : SY/VA
Sample : K5784-06
Misc : 4.37G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB3

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\SOM2WLM111119S.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	2.154	36	41	64	rBV	50669	149210	9.59%	1.408%
2	2.355	67	74	83	rBV	92573	183439	11.79%	1.731%
3	2.879	154	160	175	rVB	68766	174329	11.21%	1.645%
4	3.306	226	230	231	rBV	316	368	0.02%	0.003%
5	3.373	238	241	244	rBV3	436	645	0.04%	0.006%
6	3.428	248	250	254	rVB2	257	216	0.01%	0.002%
7	3.653	285	287	289	rBV2	293	232	0.01%	0.002%
8	3.714	295	297	300	rVB2	592	395	0.03%	0.004%
9	4.019	334	347	358	rBV	162634	537567	34.55%	5.074%
10	4.342	399	400	402	rBV	411	300	0.02%	0.003%
11	4.373	402	405	407	rBV3	648	878	0.06%	0.008%
12	4.568	434	437	440	rVB3	244	276	0.02%	0.003%
13	4.635	445	448	450	rBV3	281	303	0.02%	0.003%
14	4.671	452	454	457	rVV2	271	236	0.02%	0.002%
15	4.757	466	468	471	rVB2	524	408	0.03%	0.004%
16	4.921	484	495	505	rBV3	7669	28542	1.83%	0.269%
17	5.031	511	513	516	rVB2	360	449	0.03%	0.004%
18	5.062	516	518	520	rBV2	216	272	0.02%	0.003%
19	5.116	524	527	529	rBV2	376	502	0.03%	0.005%
20	5.135	529	530	532	rBV2	449	371	0.02%	0.004%
21	5.458	580	583	584	rBV	209	278	0.02%	0.003%
22	5.555	596	599	601	rBV2	267	313	0.02%	0.003%
23	5.683	618	620	623	rBV	371	474	0.03%	0.004%
24	5.927	656	660	661	rBV3	1281	1284	0.08%	0.012%
25	6.165	697	699	700	rVB2	331	218	0.01%	0.002%
26	6.470	747	749	751	rBV2	264	264	0.02%	0.002%
27	6.537	757	760	761	rVB2	268	215	0.01%	0.002%
28	6.567	761	765	766	rBV2	236	269	0.02%	0.003%
29	6.701	785	787	788	rBV	365	308	0.02%	0.003%
30	6.805	802	804	807	rVB2	288	293	0.02%	0.003%
31	6.939	824	826	828	rBV	241	255	0.02%	0.002%
32	6.994	833	835	838	rVB2	389	338	0.02%	0.003%
33	7.073	838	848	856	rBV2	51482	153201	9.85%	1.446%
34	7.348	891	893	896	rBV2	273	255	0.02%	0.002%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB3

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\SOM2WLM111119S.M
Title : VOC Analysis

35	7.524	920	922	925	rVB2	311	252	0.02%	0.002%
36	7.646	930	942	954	rVV	251115	620921	39.91%	5.861%
37	7.805	966	968	971	rBV2	229	274	0.02%	0.003%
38	7.915	985	986	988	rBV	467	502	0.03%	0.005%
39	8.043	1006	1007	1010	rBV	295	303	0.02%	0.003%
40	8.201	1029	1033	1035	rBV2	212	265	0.02%	0.003%
41	8.274	1035	1045	1061	rBV2	527280	1555793	100.00%	14.684%
42	8.512	1081	1084	1086	rBV3	198	236	0.02%	0.002%
43	8.585	1093	1096	1098	rBV3	414	542	0.03%	0.005%
44	8.689	1111	1113	1115	rBV3	497	408	0.03%	0.004%
45	8.841	1129	1138	1148	rVV	360943	718581	46.19%	6.782%
46	8.957	1155	1157	1159	rVB	336	299	0.02%	0.003%
47	9.079	1170	1177	1182	rVB4	2191	3778	0.24%	0.036%
48	9.128	1183	1185	1189	rVB	275	307	0.02%	0.003%
49	9.274	1200	1209	1218	rBV	358675	719122	46.22%	6.787%
50	9.591	1257	1261	1262	rBV2	425	477	0.03%	0.005%
51	9.658	1265	1272	1278	rBV4	1789	3605	0.23%	0.034%
52	9.774	1289	1291	1292	rBV	283	216	0.01%	0.002%
53	9.927	1314	1316	1319	rVB2	249	225	0.01%	0.002%
54	9.963	1319	1322	1323	rBV2	235	274	0.02%	0.003%
55	10.036	1325	1334	1343	rBV	186691	346741	22.29%	3.273%
56	10.207	1360	1362	1366	rVB3	793	916	0.06%	0.009%
57	10.244	1366	1368	1369	rBV2	360	283	0.02%	0.003%
58	10.323	1373	1381	1389	rBV	784610	1376683	88.49%	12.994%
59	10.469	1402	1405	1406	rBV2	194	216	0.01%	0.002%
60	10.500	1406	1410	1411	rBV3	482	558	0.04%	0.005%
61	10.573	1415	1422	1431	rBV	125511	218837	14.07%	2.065%
62	10.701	1438	1443	1450	rVV2	7598	13068	0.84%	0.123%
63	10.756	1450	1452	1456	rVB2	447	381	0.02%	0.004%
64	10.859	1466	1469	1472	rBV2	436	493	0.03%	0.005%
65	10.920	1472	1479	1493	rVV	201841	340888	21.91%	3.217%
66	11.067	1497	1503	1511	rVB3	8673	15860	1.02%	0.150%
67	11.128	1511	1513	1514	rBV	249	234	0.02%	0.002%
68	11.274	1536	1537	1539	rVB	494	253	0.02%	0.002%
69	11.347	1545	1549	1551	rBV2	190	291	0.02%	0.003%
70	11.426	1560	1562	1567	rVB3	397	467	0.03%	0.004%
71	11.506	1573	1575	1577	rBV	352	233	0.01%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : JLNB3

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\SOM2WLM111119S.M
Title : VOC Analysis

72	11.627	1588	1595	1607	rBV	529325	891613	57.31%	8.415%
73	11.731	1608	1612	1616	rVB3	1482	2150	0.14%	0.020%
74	11.841	1623	1630	1637	rVB4	2822	5759	0.37%	0.054%
75	11.938	1644	1646	1649	rVB2	310	309	0.02%	0.003%
76	12.024	1658	1660	1663	rBV2	231	230	0.01%	0.002%
77	12.109	1671	1674	1675	rBV2	582	714	0.05%	0.007%
78	12.164	1679	1683	1689	rVB4	2251	3257	0.21%	0.031%
79	12.341	1709	1712	1715	rVB2	516	550	0.04%	0.005%
80	12.469	1726	1733	1738	rBV6	1362	2900	0.19%	0.027%
81	12.542	1743	1745	1746	rBV	281	221	0.01%	0.002%
82	12.609	1750	1756	1762	rVB2	6431	9962	0.64%	0.094%
83	12.688	1762	1769	1777	rBV	278763	461379	29.66%	4.355%
84	12.798	1785	1787	1793	rVB4	717	891	0.06%	0.008%
85	12.889	1793	1802	1805	rBV5	2814	6043	0.39%	0.057%
86	12.932	1805	1809	1814	rVB4	7070	11551	0.74%	0.109%
87	13.030	1824	1825	1828	rBV2	507	564	0.04%	0.005%
88	13.097	1833	1836	1843	rBV4	524	985	0.06%	0.009%
89	13.145	1843	1844	1848	rBV3	299	302	0.02%	0.003%
90	13.200	1851	1853	1854	rBV3	490	350	0.02%	0.003%
91	13.249	1857	1861	1863	rBV	2558	3341	0.21%	0.032%
92	13.402	1881	1886	1888	rBV4	1362	2239	0.14%	0.021%
93	13.456	1893	1895	1899	rBV3	1232	2012	0.13%	0.019%
94	13.554	1905	1911	1920	rVB	548541	911452	58.58%	8.603%
95	13.645	1921	1926	1933	rBV2	14337	23007	1.48%	0.217%
96	13.853	1953	1960	1967	rBV	606618	991772	63.75%	9.361%
97	15.438	2217	2220	2224	rVB3	7785	10936	0.70%	0.103%
98	15.493	2224	2229	2236	rVB	25427	44798	2.88%	0.423%
99	15.962	2301	2306	2313	rBV4	8918	16446	1.06%	0.155%
100	16.035	2313	2318	2324	rVB8	5401	9535	0.61%	0.090%

Sum of corrected areas: 10594953

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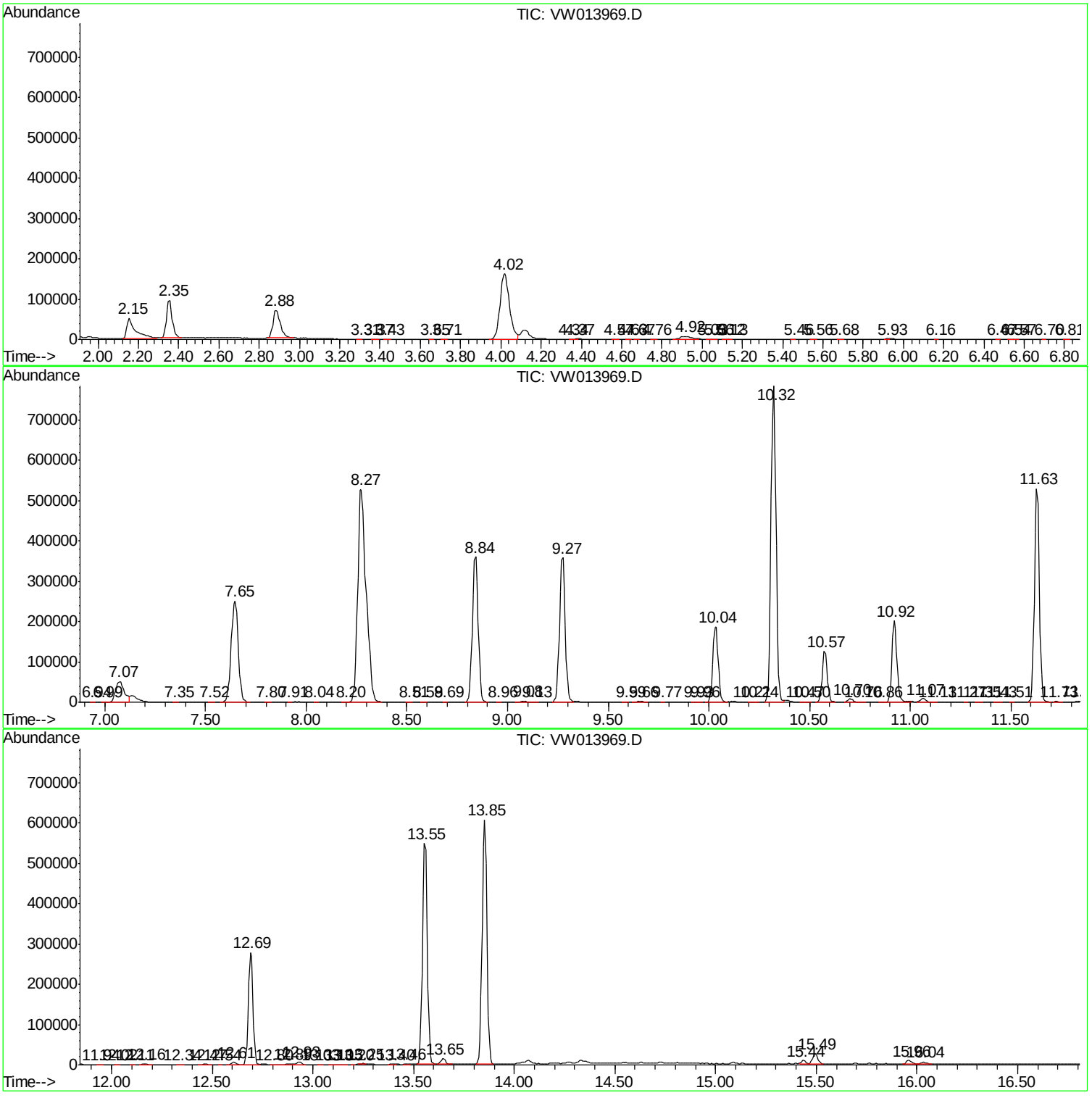
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111119\
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Acq On : 11 Nov 2019 19:45
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

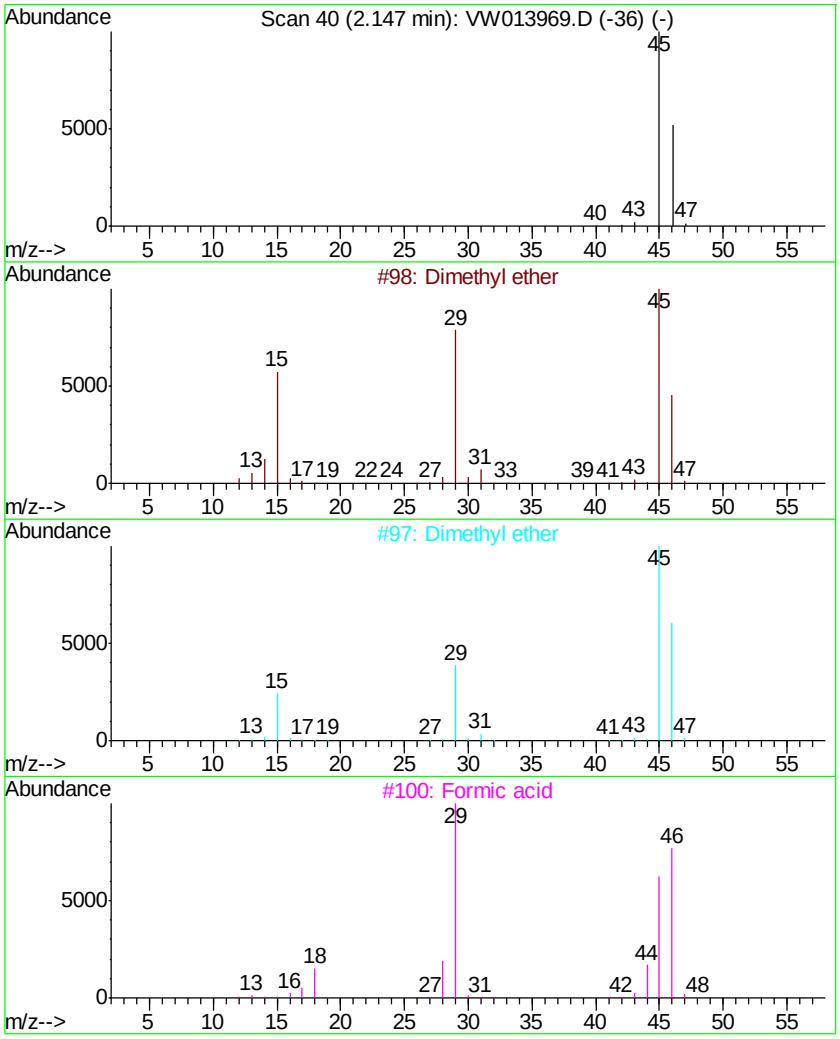
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

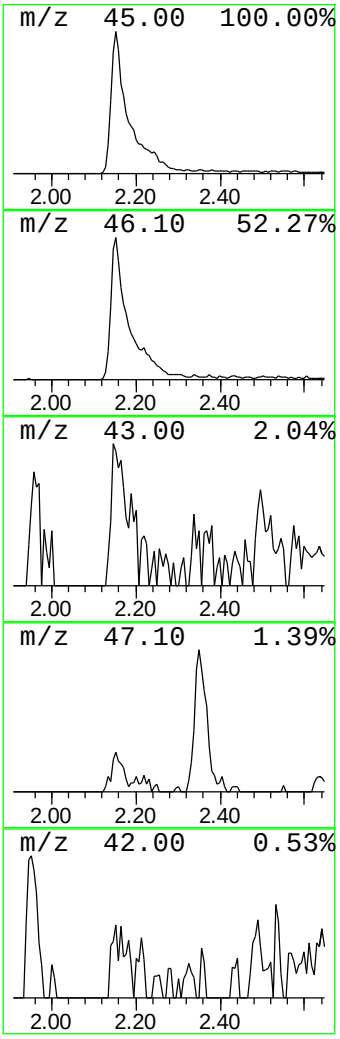
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.19 ug/L	149210	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Dimethyl ether	46	C2H6O	000115-10-6	74
3	Formic acid	46	CH2O2	000064-18-6	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





Tentatively Identified Compound (LSC) summary

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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
Dimethyl ether	2.15	5.2	ug/L	149210	1	8.84	718581	25.0