LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
Data File : VW013967.D
Acq On : 11 Nov 2019 18:52
Operator : SY/VA
Sample : K5784-04
Misc : 4.89G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB1

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	63	rBV	53162	153984	10.62%	1.633%
2	2.349	68	73	84	rVB	87761	168502	11.63%	1.787%
3	2.885	154	161	172	rBV	65297	166298	11.47%	1.764%
4	3.202	212	213	215	rBV	397	218	0.02%	0.002%
5	3.373	237	241	244	rBV4	1004	1670	0.12%	0.018%
6	3.489	258	260	261	rVB2	491	290	0.02%	0.003%
7	3.720	295	298	299	rVB2	336	293	0.02%	0.003%
8	3.836	315	317	322	rVB2	274	325	0.02%	0.003%
9	4.019	334	347	369	rBV	150225	501402	34.59%	5.317%
10	4.348	398	401	402	rBV2	602	665	0.05%	0.007%
11	4.495	422	425	426	rBV	309	213	0.01%	0.002%
12	4.544	431	433	435	rVB2	273	205	0.01%	0.002%
13	4.562	435	436	438	rBV	307	232	0.02%	0.002%
14	4.604	440	443	444	rVV2	352	299	0.02%	0.003%
15	4.672	453	454	456	rBV2	337	213	0.01%	0.002%
16	4.696	456	458	461	rVV2	274	376	0.03%	0.004%
17	4.757	466	468	471	rVB2	312	268	0.02%	0.003%
18	4.915	482	494	506	rBV4	7171	25544	1.76%	0.271%
19	5.153	531	533	534	rBV2	533	339	0.02%	0.004%
20	5.245	546	548	551	rVB2	302	227	0.02%	0.002%
21	5.385	569	571	573	rBV2	221	256	0.02%	0.003%
22	5.617	607	609	612	rVB	384	385	0.03%	0.004%
23	5.647	612	614	615	rBV	305	224	0.02%	0.002%
24	5.714	624	625	628	rVB2	277	232	0.02%	0.002%
25	5.854	646	648	650	rBV2	186	202	0.01%	0.002%
26	5.921	654	659	661	rBV2	1502	2311	0.16%	0.025%
27	6.171	698	700	702	rBV	231	234	0.02%	0.002%
28	6.311	720	723	727	rBV2	325	485	0.03%	0.005%
29	6.470	746	749	750	rBV2	350	352	0.02%	0.004%
30	6.513	754	756	758	rBV2	328	327	0.02%	0.003%
31	6.610	770	772	775	rVV2	274	409	0.03%	0.004%
32	6.793	799	802	806	rVB2	229	343	0.02%	0.004%
33	6.866	813	814	817	rVB2	296	285	0.02%	0.003%
34	6.891	817	818	820	rBV	308	278	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB1

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	6.964	828	830	832	rBV	388	207	0.01%	0.002%
36	7.007	835	837	839	rBV	387	354	0.02%	0.004%
37	7.074	839	848	855	rBV	41084	121948	8.41%	1.293%
38	7.354	890	894	895	rBV2	270	419	0.03%	0.004%
39	7.500	914	918	921	rBV	165	276	0.02%	0.003%
40	7.543	923	925	926	rBV	292	223	0.02%	0.002%
41	7.641	931	941	953	rVV	237962	593878	40.97%	6.298%
42	7.744	955	958	961	rVB3	496	659	0.05%	0.007%
43	7.769	961	962	964	rBV	372	240	0.02%	0.003%
44	7.884	978	981	983	rBV2	260	286	0.02%	0.003%
45	7.945	989	991	994	rVB3	865	945	0.07%	0.010%
46	8.043	1005	1007	1008	rBV	277	208	0.01%	0.002%
47	8.140	1021	1023	1025	rVB2	342	292	0.02%	0.003%
48	8.159	1025	1026	1029	rBV2	365	349	0.02%	0.004%
49	8.275	1035	1045	1061	rBV2	497207	1449390	100.00%	15.370%
50	8.488	1078	1080	1083	rVB2	290	288	0.02%	0.003%
51	8.518	1083	1085	1087	rBV	293	317	0.02%	0.003%
52	8.585	1093	1096	1098	rVB2	269	286	0.02%	0.003%
53	8.616	1098	1101	1102	rBV2	334	282	0.02%	0.003%
54	8.842	1129	1138	1149	rBV	328325	673848	46.49%	7.146%
55	9.024	1167	1168	1170	rBV2	442	342	0.02%	0.004%
56	9.079	1170	1177	1185	rVB5	3359	7589	0.52%	0.080%
57	9.195	1193	1196	1198	rVB2	355	399	0.03%	0.004%
58	9.274	1198	1209	1217	rBV	332033	680742	46.97%	7.219%
59	9.451	1236	1238	1241	rVB2	269	224	0.02%	0.002%
60	9.476	1241	1242	1245	rBV	344	291	0.02%	0.003%
61	9.500	1245	1246	1249	rVB	260	255	0.02%	0.003%
62	9.652	1266	1271	1278	rBV3	1652	3270	0.23%	0.035%
63	9.744	1285	1286	1291	rBV2	228	308	0.02%	0.003%
64	9.872	1306	1307	1310	rBV	231	233	0.02%	0.002%
65	9.896	1310	1311	1314	rVB	339	249	0.02%	0.003%
66	10.030	1325	1333	1343	rVV	164381	298145	20.57%	3.162%
67	10.128	1344	1349	1356	rVB4	3603	7737	0.53%	0.082%
68	10.323	1373	1381	1388	rBV	711799	1260754	86.99%	13.370%
69	10.573	1414	1422	1435	rBV	103053	184254	12.71%	1.954%
70	10.707	1439	1444	1450	rVB2	6150	10603	0.73%	0.112%
71	10.756	1450	1452	1458	rVB3	1013	1226	0.08%	0.013%

LSC Area Percent Report

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Instrument : MSVOA_W
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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

72	10.835	1459	1465	1466	rBV	307	541	0.04%	0.006%
73	10.859	1466	1469	1473	rVB3	977	1112	0.08%	0.012%
74	10.920	1473	1479	1491	rBV	162381	285050	19.67%	3.023%
75	11.067	1498	1503	1509	rVB4	4367	8325	0.57%	0.088%
76	11.213	1525	1527	1529	rBV3	565	516	0.04%	0.005%
77	11.335	1546	1547	1549	rVB	698	266	0.02%	0.003%
78	11.426	1557	1562	1565	rBV5	973	1604	0.11%	0.017%
79	11.628	1588	1595	1607	rBV	470809	790020	54.51%	8.378%
80	11.725	1608	1611	1616	rVB	2539	3641	0.25%	0.039%
81	11.792	1619	1622	1623	rBV2	504	511	0.04%	0.005%
82	11.841	1623	1630	1638	rBV3	5599	11968	0.83%	0.127%
83	11.951	1645	1648	1656	rBV6	609	1187	0.08%	0.013%
84	12.048	1661	1664	1665	rVB2	478	459	0.03%	0.005%
85	12.103	1671	1673	1674	rVB2	468	293	0.02%	0.003%
86	12.128	1674	1677	1679	rBV4	788	1024	0.07%	0.011%
87	12.164	1679	1683	1689	rVV3	3224	5620	0.39%	0.060%
88	12.213	1689	1691	1693	rVV3	457	323	0.02%	0.003%
89	12.237	1693	1695	1697	rVB2	462	308	0.02%	0.003%
90	12.341	1707	1712	1713	rBV2	1327	2027	0.14%	0.021%
91	12.469	1728	1733	1738	rVB4	2600	3973	0.27%	0.042%
92	12.512	1738	1740	1742	rBV2	732	653	0.05%	0.007%
93	12.609	1751	1756	1760	rVB	9802	15235	1.05%	0.162%
94	12.688	1763	1769	1777	rVB	246847	403180	27.82%	4.276%
95	12.865	1794	1798	1801	rBV4	1696	2772	0.19%	0.029%
96	12.932	1802	1809	1817	rVB5	12588	29006	2.00%	0.308%
97	13.048	1821	1828	1835	rBV3	14432	29785	2.06%	0.316%
98	13.292	1866	1868	1874	rVB5	3591	4829	0.33%	0.051%
99	13.554	1905	1911	1923	rBV	433400	715150	49.34%	7.584%
100	13.853	1953	1960	1971	rVB	480892	781248	53.90%	8.285%

Sum of corrected areas: 9429828

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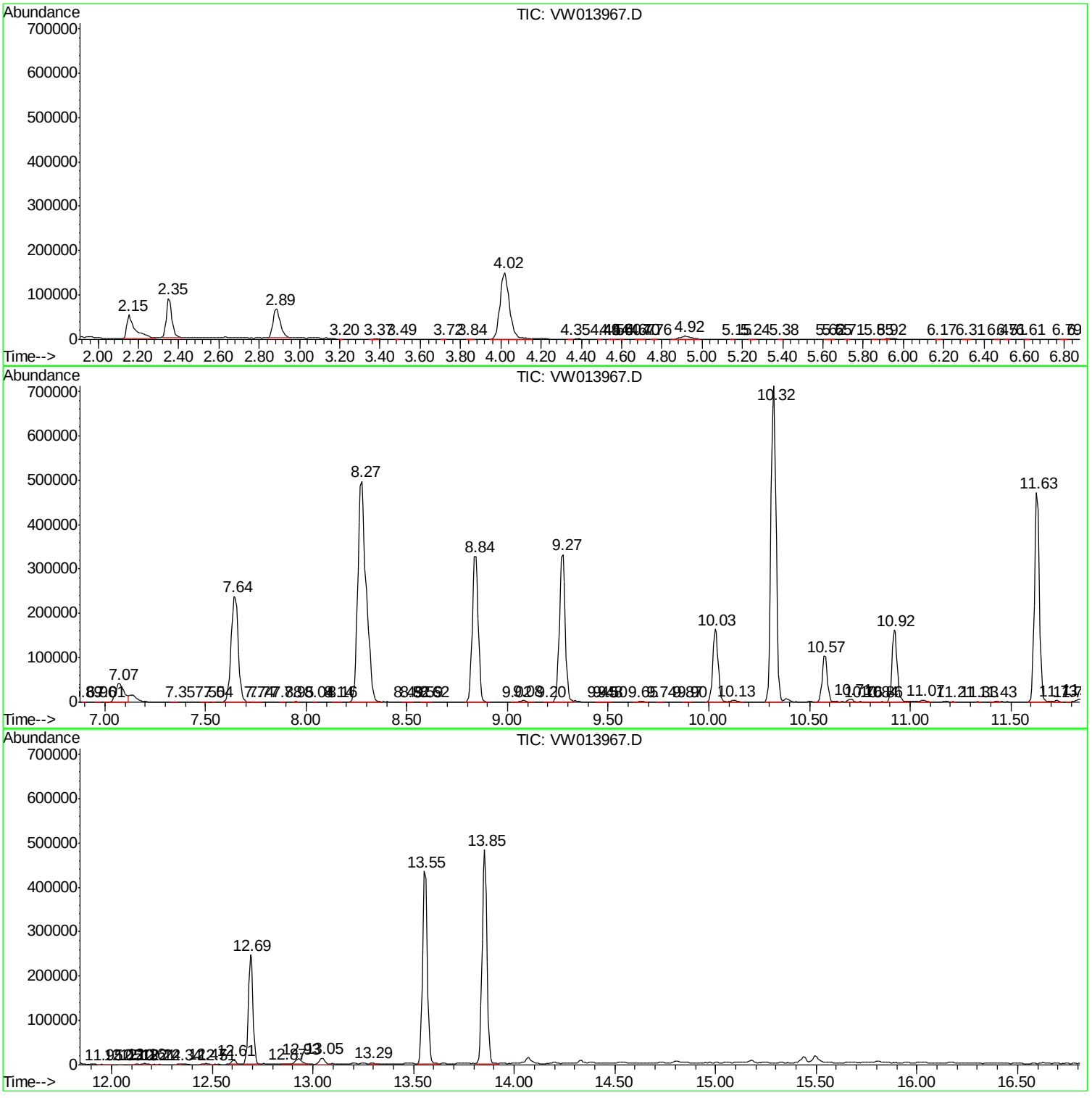
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNB1

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

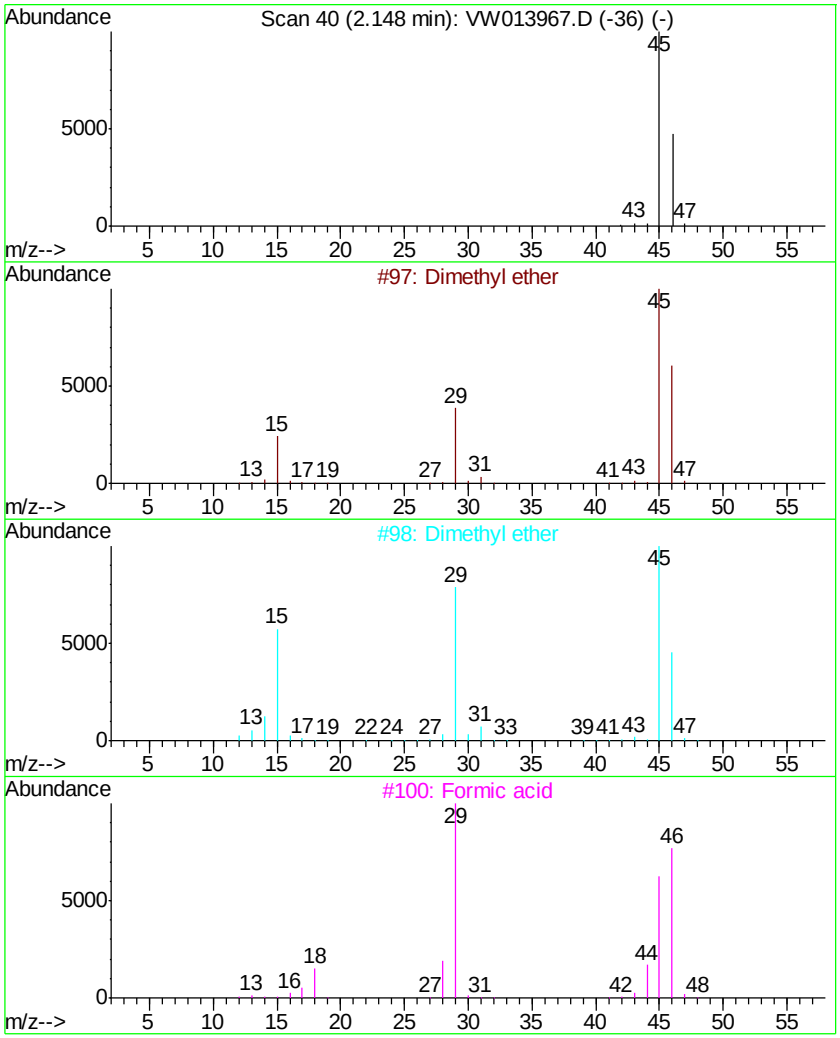
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

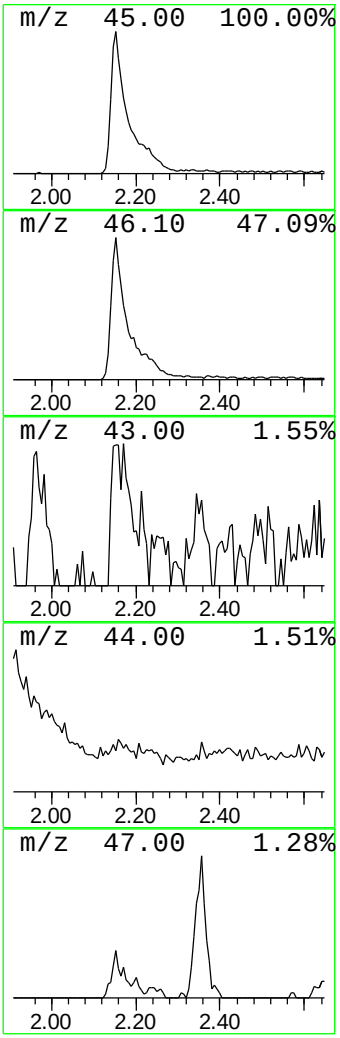
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.71 ug/L	153984	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
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	5.7	ug/L	153984	1	8.84	673848	25.0