LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014106.D
Acq On : 25 Nov 2019 12:35
Operator : SY/VA
Sample : K6007-14
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM0

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	61	rBV	15914	47192	3.34%	0.463%
2	2.349	67	73	84	rVB	91992	159630	11.29%	1.565%
3	2.885	154	161	174	rVB	67809	162827	11.51%	1.596%
4	3.233	217	218	221	rVB2	410	256	0.02%	0.003%
5	3.385	235	243	245	rBV5	902	1990	0.14%	0.020%
6	3.519	261	265	268	rBV4	693	1215	0.09%	0.012%
7	3.672	288	290	294	rBV2	348	495	0.04%	0.005%
8	3.861	319	321	324	rVB2	344	421	0.03%	0.004%
9	3.910	324	329	331	rBV3	492	819	0.06%	0.008%
10	4.013	333	346	359	rBV	145537	466157	32.96%	4.569%
11	4.233	380	382	384	rBV2	574	608	0.04%	0.006%
12	4.379	400	406	408	rBV3	2239	4022	0.28%	0.039%
13	4.501	424	426	429	rVB2	393	316	0.02%	0.003%
14	4.653	448	451	454	rBV	405	538	0.04%	0.005%
15	4.733	463	464	468	rBV2	246	320	0.02%	0.003%
16	4.842	479	482	483	rVV2	397	434	0.03%	0.004%
17	4.909	483	493	513	rVB2	19773	72931	5.16%	0.715%
18	5.251	547	549	553	rVB	375	373	0.03%	0.004%
19	5.422	575	577	580	rBV	548	511	0.04%	0.005%
20	5.592	602	605	606	rBV2	217	234	0.02%	0.002%
21	5.934	654	661	662	rBV3	1404	2747	0.19%	0.027%
22	6.104	688	689	691	rVV	333	233	0.02%	0.002%
23	6.184	700	702	706	rBV	187	282	0.02%	0.003%
24	6.312	722	723	726	rBV	373	319	0.02%	0.003%
25	6.379	733	734	736	rBV	422	299	0.02%	0.003%
26	6.403	736	738	741	rBV2	237	246	0.02%	0.002%
27	6.440	741	744	746	rBV2	227	305	0.02%	0.003%
28	6.818	804	806	807	rBV	276	220	0.02%	0.002%
29	6.921	822	823	826	rVB	647	353	0.02%	0.003%
30	6.952	826	828	830	rVB	332	214	0.02%	0.002%
31	6.976	830	832	837	rVB3	331	354	0.03%	0.003%
32	7.068	838	847	853	rBV2	35452	99721	7.05%	0.978%
33	7.324	887	889	891	rBV2	430	359	0.03%	0.004%
34	7.519	919	921	922	rBV	615	356	0.03%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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	7.641	930	941	952	rBV2	234876	577976	40.87%	5.666%
36	7.738	956	957	959	rBV2	442	296	0.02%	0.003%
37	7.952	987	992	997	rVB3	1468	2758	0.20%	0.027%
38	8.055	1008	1009	1010	rBV3	490	280	0.02%	0.003%
39	8.159	1025	1026	1030	rVB	357	254	0.02%	0.002%
40	8.269	1033	1044	1061	rBV2	491485	1414149	100.00%	13.862%
41	8.464	1075	1076	1078	rBV2	671	416	0.03%	0.004%
42	8.616	1098	1101	1102	rBV2	341	346	0.02%	0.003%
43	8.628	1102	1103	1106	rVV3	497	477	0.03%	0.005%
44	8.781	1126	1128	1129	rBV2	249	213	0.02%	0.002%
45	8.836	1129	1137	1155	rVV	405792	823552	58.24%	8.073%
46	9.024	1162	1168	1172	rBV4	6391	11948	0.84%	0.117%
47	9.140	1185	1187	1189	rVB	462	326	0.02%	0.003%
48	9.201	1196	1197	1200	rBV2	413	330	0.02%	0.003%
49	9.268	1200	1208	1218	rBV	326519	651195	46.05%	6.383%
50	9.421	1230	1233	1235	rVB2	422	457	0.03%	0.004%
51	9.494	1242	1245	1246	rBV	359	299	0.02%	0.003%
52	9.585	1257	1260	1265	rBV3	568	1013	0.07%	0.010%
53	9.726	1281	1283	1285	rBV	301	279	0.02%	0.003%
54	9.774	1288	1291	1293	rVB2	300	395	0.03%	0.004%
55	9.890	1305	1310	1314	rVB2	1271	2507	0.18%	0.025%
56	9.927	1314	1316	1319	rBV2	222	249	0.02%	0.002%
57	10.030	1323	1333	1344	rBV	166864	299928	21.21%	2.940%
58	10.116	1344	1347	1354	rVB5	1693	3229	0.23%	0.032%
59	10.213	1357	1363	1367	rBV3	2186	4266	0.30%	0.042%
60	10.323	1372	1381	1388	rBV	705164	1244609	88.01%	12.200%
61	10.573	1416	1422	1433	rVB	97911	175715	12.43%	1.722%
62	10.701	1437	1443	1450	rVB2	34058	60476	4.28%	0.593%
63	10.921	1473	1479	1492	rBV	130219	218906	15.48%	2.146%
64	11.061	1497	1502	1510	rVB2	17187	28583	2.02%	0.280%
65	11.170	1517	1520	1527	rVB4	2362	3670	0.26%	0.036%
66	11.244	1529	1532	1533	rBV3	416	444	0.03%	0.004%
67	11.439	1558	1564	1570	rVB3	24661	41187	2.91%	0.404%
68	11.512	1573	1576	1577	rBV2	368	471	0.03%	0.005%
69	11.628	1588	1595	1607	rBV	594160	997600	70.54%	9.779%
70	11.926	1641	1644	1646	rBV3	1045	995	0.07%	0.010%
71	12.176	1679	1685	1689	rBV6	2464	5032	0.36%	0.049%

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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	12.207	1689	1690	1691	rVB	761	278	0.02%	0.003%
73	12.237	1691	1695	1696	rBV3	481	632	0.04%	0.006%
74	12.341	1709	1712	1715	rVB2	724	977	0.07%	0.010%
75	12.378	1716	1718	1720	rVB	460	253	0.02%	0.002%
76	12.463	1728	1732	1737	rVB5	1897	3192	0.23%	0.031%
77	12.499	1737	1738	1741	rBV2	320	260	0.02%	0.003%
78	12.609	1747	1756	1762	rBV	71064	119233	8.43%	1.169%
79	12.688	1762	1769	1776	rBV2	208255	343504	24.29%	3.367%
80	12.853	1794	1796	1797	rBV2	644	477	0.03%	0.005%
81	12.932	1804	1809	1815	rVB4	7405	11956	0.85%	0.117%
82	13.030	1822	1825	1829	rVB4	1121	1871	0.13%	0.018%
83	13.073	1829	1832	1837	rBV6	1055	1745	0.12%	0.017%
84	13.170	1846	1848	1849	rBV2	617	391	0.03%	0.004%
85	13.188	1849	1851	1856	rVV5	1364	2137	0.15%	0.021%
86	13.298	1864	1869	1875	rVB3	8413	13921	0.98%	0.136%
87	13.365	1878	1880	1881	rBV	561	422	0.03%	0.004%
88	13.408	1882	1887	1894	rVB5	4054	6133	0.43%	0.060%
89	13.469	1894	1897	1898	rBV3	733	789	0.06%	0.008%
90	13.499	1900	1902	1905	rBV3	2294	2629	0.19%	0.026%
91	13.554	1905	1911	1923	rVV	652141	1063078	75.17%	10.421%
92	13.853	1953	1960	1967	rBV	577671	941238	66.56%	9.226%
93	14.066	1991	1995	2003	rVB2	20122	35560	2.51%	0.349%
94	14.200	2012	2017	2023	rBV7	3233	6288	0.44%	0.062%
95	14.322	2035	2037	2042	rBV3	2324	3037	0.21%	0.030%
96	14.420	2051	2053	2054	rBV2	648	326	0.02%	0.003%
97	14.524	2068	2070	2076	rVB5	2271	2968	0.21%	0.029%
98	14.627	2083	2087	2090	rBV4	1342	1857	0.13%	0.018%
99	15.023	2151	2152	2161	rBV4	689	1402	0.10%	0.014%
100	15.438	2215	2220	2226	rVB2	20131	32927	2.33%	0.323%

Sum of corrected areas: 10201604

LSC Report - Integrated Chromatogram

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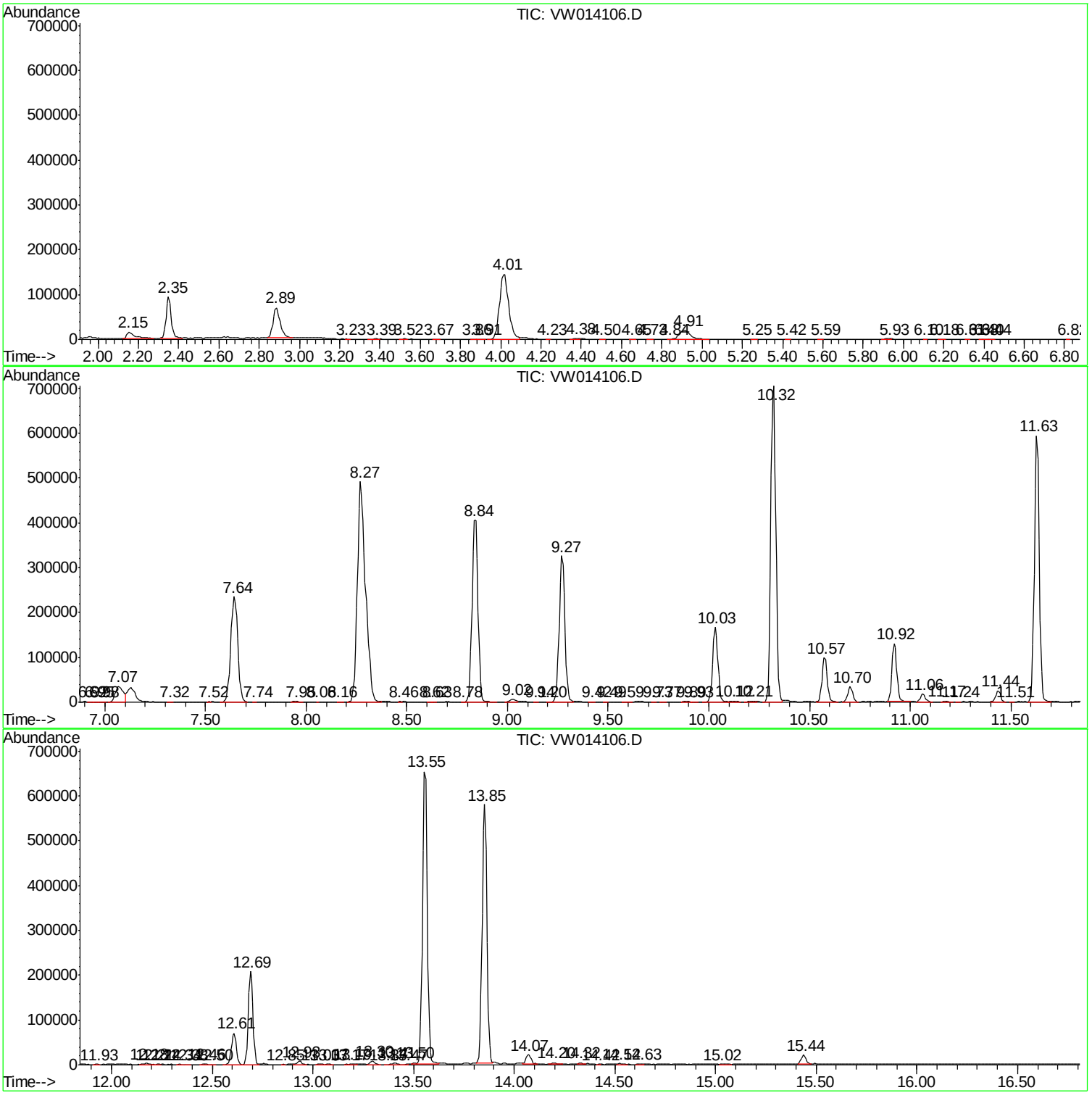
Instrument : MSVOA_W
ClientSampleId : C0BM0

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\VW112519\
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Acq On : 25 Nov 2019 12:35
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM0

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

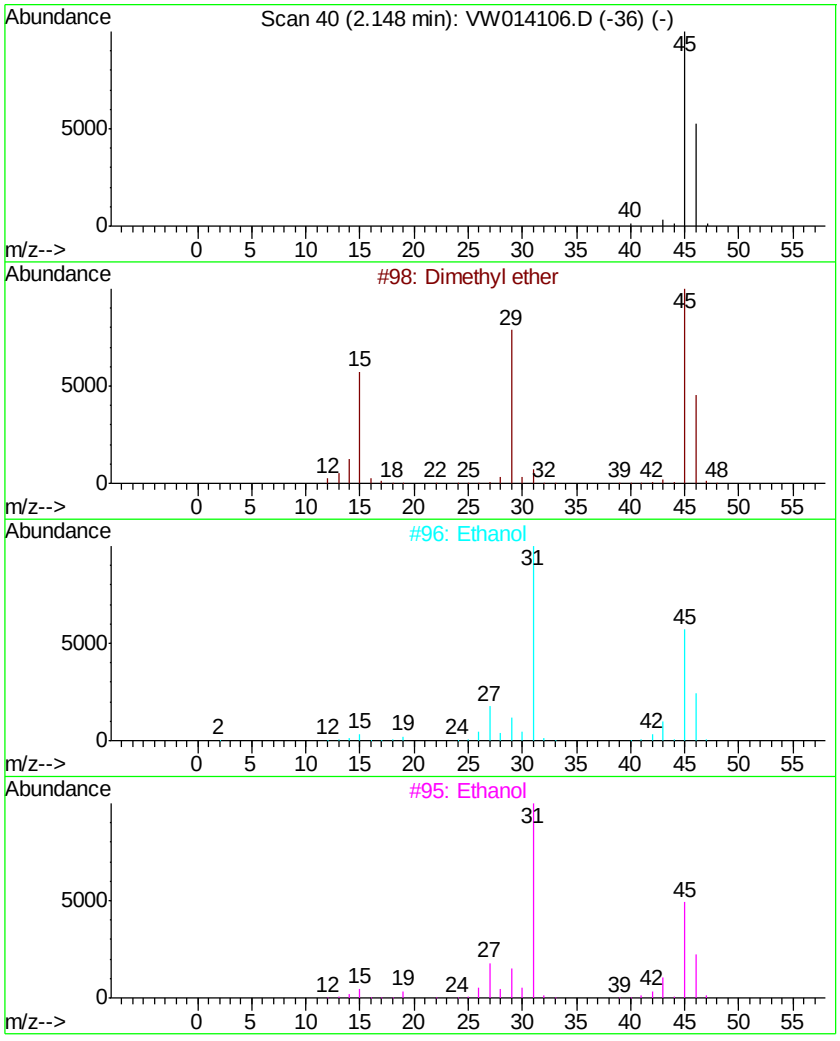
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

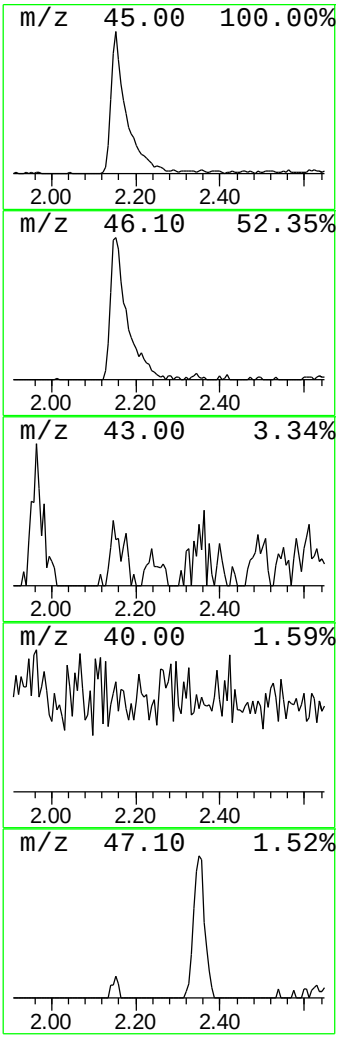
****

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.43 ug/L	47192	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Ethanol	46	C2H6O	000064-17-5	9
3	Ethanol	46	C2H6O	000064-17-5	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Dimethyl ether	46	C2H6O	000115-10-6	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	1.4	ug/L	47192	1	8.84	823552	25.0