LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
Data File : VW014065.D
Acq On : 18 Nov 2019 16:40
Operator : SY/VA
Sample : K5810-14
Misc : 5.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLS1

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	49	rBV	22059	48779	3.49%	0.569%
2	2.349	67	73	84	rVB	89315	161637	11.57%	1.886%
3	2.885	154	161	177	rVB	64539	164270	11.76%	1.917%
4	3.269	223	224	228	rVB2	689	436	0.03%	0.005%
5	3.367	237	240	241	rBV2	627	655	0.05%	0.008%
6	3.471	254	257	258	rBV2	343	312	0.02%	0.004%
7	3.513	262	264	265	rBV	474	376	0.03%	0.004%
8	3.532	265	267	268	rBV	568	356	0.03%	0.004%
9	3.641	281	285	287	rBV2	283	330	0.02%	0.004%
10	3.672	287	290	291	rBV2	312	272	0.02%	0.003%
11	3.763	301	305	306	rVB2	331	253	0.02%	0.003%
12	3.812	309	313	315	rBV	342	327	0.02%	0.004%
13	3.897	325	327	331	rVB2	316	297	0.02%	0.003%
14	4.019	335	347	363	rBV	136866	452135	32.37%	5.276%
15	4.361	401	403	404	rBV	350	271	0.02%	0.003%
16	4.720	460	462	463	rVV	524	303	0.02%	0.004%
17	4.739	463	465	469	rVV	156	237	0.02%	0.003%
18	4.787	471	473	475	rVV	246	224	0.02%	0.003%
19	4.915	483	494	507	rBV3	8393	33016	2.36%	0.385%
20	5.074	518	520	523	rVB2	317	378	0.03%	0.004%
21	5.098	523	524	526	rBV	309	222	0.02%	0.003%
22	5.141	530	531	534	rVV2	449	530	0.04%	0.006%
23	5.184	537	538	544	rVV2	656	731	0.05%	0.009%
24	5.306	556	558	560	rVB2	334	233	0.02%	0.003%
25	5.336	560	563	564	rBV	390	383	0.03%	0.004%
26	5.409	574	575	579	rBV	482	403	0.03%	0.005%
27	5.489	584	588	589	rBV	299	399	0.03%	0.005%
28	5.513	589	592	593	rBV	303	284	0.02%	0.003%
29	5.586	601	604	607	rVB2	347	393	0.03%	0.005%
30	5.751	628	631	632	rBV2	290	332	0.02%	0.004%
31	5.940	654	662	670	rVB5	2977	8683	0.62%	0.101%
32	6.001	670	672	675	rVB2	265	268	0.02%	0.003%
33	6.037	675	678	679	rBV	304	301	0.02%	0.004%
34	6.129	691	693	697	rVV2	447	480	0.03%	0.006%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLS1

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	6.171	697	700	703	rVB2	490	590	0.04%	0.007%
36	6.366	730	732	733	rBV	332	311	0.02%	0.004%
37	6.464	745	748	752	rBV2	334	386	0.03%	0.005%
38	6.519	753	757	759	rVV2	218	263	0.02%	0.003%
39	6.787	799	801	804	rVB2	270	286	0.02%	0.003%
40	6.891	816	818	820	rVB2	257	267	0.02%	0.003%
41	7.074	839	848	853	rBV2	41311	116563	8.35%	1.360%
42	7.305	884	886	887	rVB	420	223	0.02%	0.003%
43	7.342	890	892	893	rBV	410	266	0.02%	0.003%
44	7.421	903	905	908	rBV3	489	465	0.03%	0.005%
45	7.561	926	928	930	rVB2	408	255	0.02%	0.003%
46	7.647	930	942	955	rBV	238855	594530	42.57%	6.938%
47	7.744	955	958	960	rVB3	658	865	0.06%	0.010%
48	7.763	960	961	963	rBV	439	364	0.03%	0.004%
49	7.799	966	967	970	rBV2	399	438	0.03%	0.005%
50	7.933	987	989	991	rBV3	758	843	0.06%	0.010%
51	8.043	1006	1007	1009	rBV	361	282	0.02%	0.003%
52	8.134	1021	1022	1025	rBV2	193	222	0.02%	0.003%
53	8.275	1029	1045	1060	rBV2	477210	1396690	100.00%	16.298%
54	8.567	1091	1093	1095	rVB	414	287	0.02%	0.003%
55	8.592	1095	1097	1098	rBV	408	376	0.03%	0.004%
56	8.835	1129	1137	1148	rBV	328560	648682	46.44%	7.569%
57	9.067	1168	1175	1183	rVB9	1957	5063	0.36%	0.059%
58	9.268	1200	1208	1219	rBV	314373	652373	46.71%	7.612%
59	9.482	1242	1243	1246	rVB	465	240	0.02%	0.003%
60	9.573	1257	1258	1261	rBV2	421	340	0.02%	0.004%
61	9.598	1261	1262	1264	rVV2	423	263	0.02%	0.003%
62	9.659	1265	1272	1278	rVB5	2099	4653	0.33%	0.054%
63	9.774	1288	1291	1292	rBV2	561	488	0.03%	0.006%
64	9.951	1317	1320	1321	rBV2	356	242	0.02%	0.003%
65	10.030	1326	1333	1344	rBV	153589	271684	19.45%	3.170%
66	10.201	1358	1361	1364	rBV2	604	607	0.04%	0.007%
67	10.323	1372	1381	1389	rBV	638051	1102523	78.94%	12.865%
68	10.573	1416	1422	1432	rVB	87866	154244	11.04%	1.800%
69	10.701	1437	1443	1450	rVB2	42168	75334	5.39%	0.879%
70	10.860	1463	1469	1474	rBV2	31242	52467	3.76%	0.612%
71	10.920	1474	1479	1497	rVV	156439	271021	19.40%	3.163%

LSC Area Percent Report

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Misc : 5.38G/10ML/MSVOA W/SOIL
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Instrument : MSVOA_W
ClientSampleId : BFLS1

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	11.061	1497	1502	1509	rVB	22471	37686	2.70%	0.440%
73	11.439	1559	1564	1570	rVB2	8013	13674	0.98%	0.160%
74	11.628	1588	1595	1605	rBV	413277	689232	49.35%	8.043%
75	12.609	1748	1756	1762	rBV	32437	53265	3.81%	0.622%
76	12.688	1762	1769	1777	rVV	223062	373280	26.73%	4.356%
77	12.756	1778	1780	1786	rVB2	1825	2196	0.16%	0.026%
78	12.804	1786	1788	1789	rBV	519	316	0.02%	0.004%
79	12.853	1795	1796	1797	rBV	537	305	0.02%	0.004%
80	12.932	1804	1809	1814	rVB3	13444	19535	1.40%	0.228%
81	13.036	1824	1826	1828	rVB2	641	481	0.03%	0.006%
82	13.188	1846	1851	1855	rBV3	1022	1672	0.12%	0.020%
83	13.298	1864	1869	1874	rVB2	7606	12645	0.91%	0.148%
84	13.353	1874	1878	1880	rBV2	178	247	0.02%	0.003%
85	13.408	1882	1887	1891	rBV5	2169	3626	0.26%	0.042%
86	13.469	1892	1897	1902	rBV3	8665	13952	1.00%	0.163%
87	13.554	1905	1911	1918	rBV	292271	486486	34.83%	5.677%
88	13.700	1931	1935	1937	rBV3	552	665	0.05%	0.008%
89	13.761	1940	1945	1948	rBV4	2063	3252	0.23%	0.038%
90	13.853	1953	1960	1967	rBV	346330	569048	40.74%	6.640%
91	13.993	1979	1983	1984	rBV2	445	590	0.04%	0.007%
92	14.072	1991	1996	2002	rVB2	16085	25369	1.82%	0.296%
93	14.200	2013	2017	2022	rBV2	1860	2575	0.18%	0.030%
94	14.304	2030	2034	2035	rBV	2100	2256	0.16%	0.026%
95	14.505	2064	2067	2068	rBV3	841	717	0.05%	0.008%
96	14.658	2090	2092	2093	rBV	547	310	0.02%	0.004%
97	14.731	2100	2104	2111	rVB4	2380	3588	0.26%	0.042%
98	15.438	2216	2220	2224	rVB2	9054	12714	0.91%	0.148%
99	15.487	2226	2228	2237	rVB3	3169	5652	0.40%	0.066%
100	16.206	2344	2346	2349	rBV4	912	950	0.07%	0.011%

Sum of corrected areas: 8569786

LSC Report - Integrated Chromatogram

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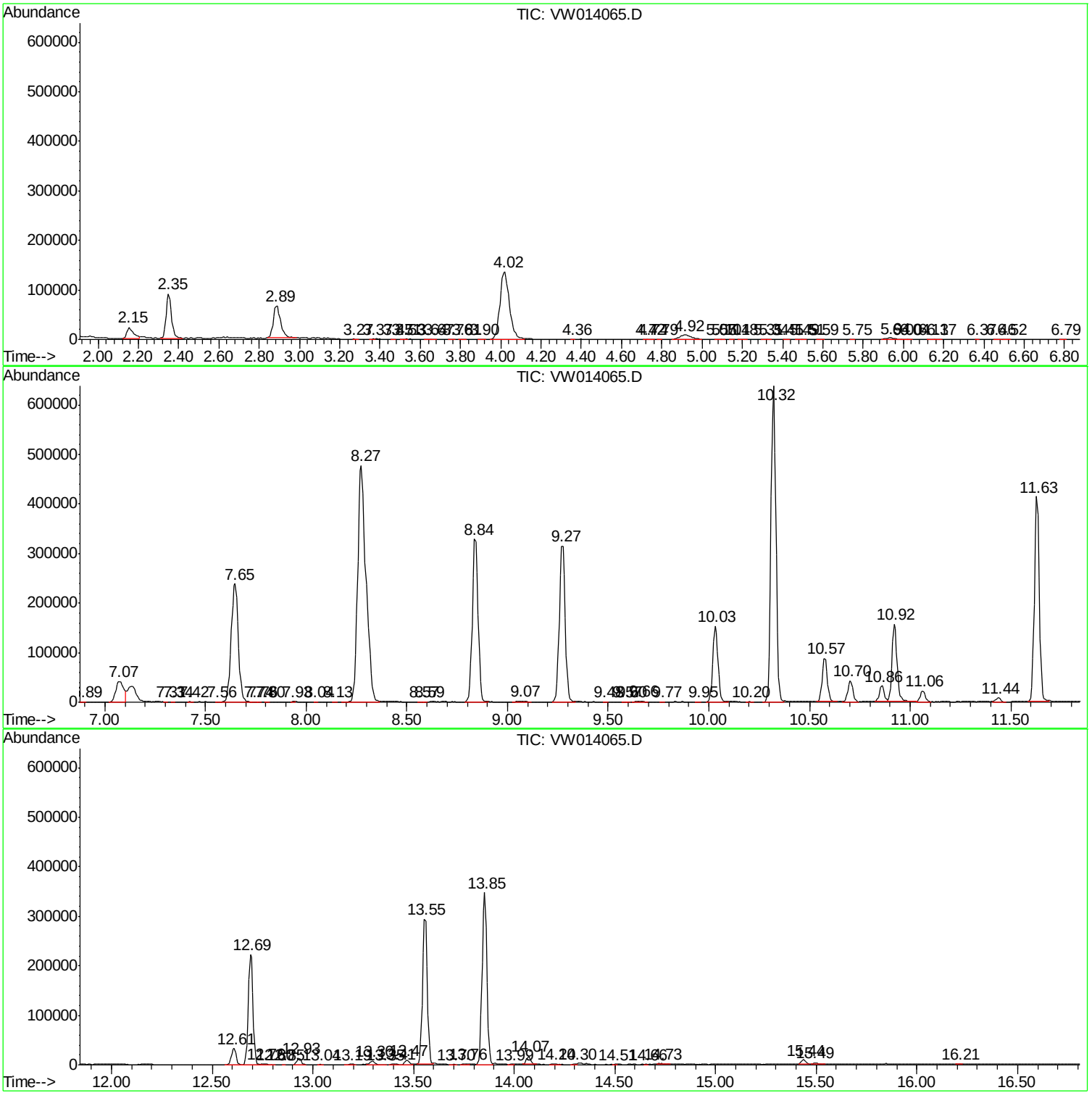
Instrument : MSVOA_W
ClientSampleId : BFLS1

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\VW111819\
Data File : VW014065.D
Acq On : 18 Nov 2019 16:40
Operator : SY/VA
Sample : K5810-14
Misc : 5.38G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLS1

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

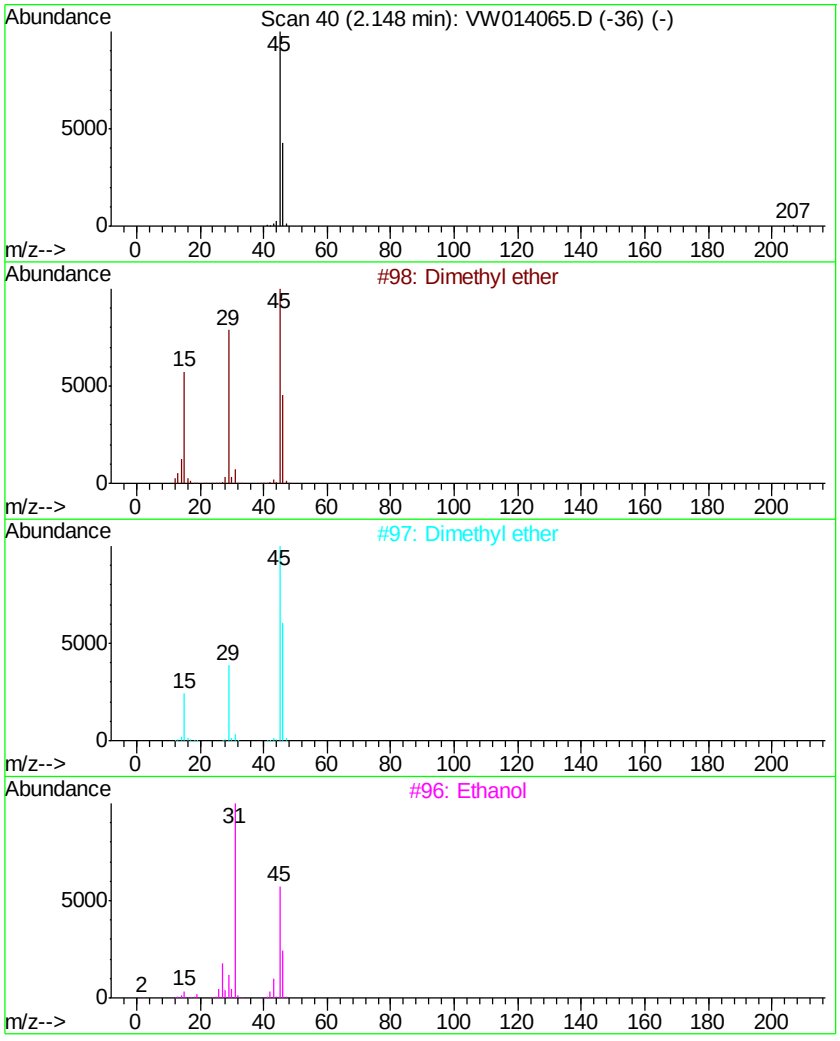
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

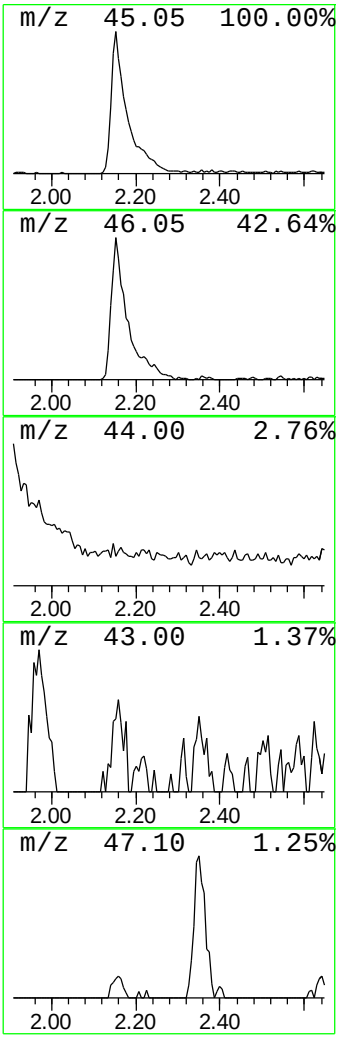
****

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.88 ug/L	48779	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	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	4





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	1.9	ug/L	48779	1	8.84	648682	25.0