LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
Data File : VW014018.D
Acq On : 14 Nov 2019 14:07
Operator : SY/VA
Sample : K5798-13
Misc : 5.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLX1

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	50	rBV	27081	60265	3.86%	0.543%
2	2.349	67	73	89	rVB	100512	192828	12.35%	1.736%
3	2.885	154	161	177	rVB	70516	188783	12.09%	1.700%
4	3.532	265	267	269	rVV2	635	461	0.03%	0.004%
5	3.580	272	275	276	rVB	548	385	0.02%	0.003%
6	3.599	276	278	282	rVB3	395	447	0.03%	0.004%
7	3.648	284	286	287	rBV	419	307	0.02%	0.003%
8	3.721	296	298	300	rVB3	447	360	0.02%	0.003%
9	3.837	315	317	319	rVB2	373	258	0.02%	0.002%
10	3.916	327	330	332	rVB	328	308	0.02%	0.003%
11	4.013	336	346	363	rBV	164951	541052	34.65%	4.871%
12	4.257	383	386	388	rBV2	271	358	0.02%	0.003%
13	4.306	391	394	396	rVB3	358	267	0.02%	0.002%
14	4.330	396	398	400	rVB	307	217	0.01%	0.002%
15	4.367	402	404	405	rBV	274	249	0.02%	0.002%
16	4.391	405	408	410	rBV2	887	1232	0.08%	0.011%
17	4.538	431	432	434	rVB2	305	223	0.01%	0.002%
18	4.605	440	443	444	rBV2	410	372	0.02%	0.003%
19	4.702	455	459	460	rBV2	255	294	0.02%	0.003%
20	4.922	483	495	508	rVB2	7447	27346	1.75%	0.246%
21	5.092	520	523	524	rVV2	306	372	0.02%	0.003%
22	5.239	545	547	549	rBV2	232	248	0.02%	0.002%
23	5.294	552	556	557	rVV2	333	373	0.02%	0.003%
24	5.342	562	564	566	rVB	254	225	0.01%	0.002%
25	5.379	566	570	573	rBV	484	552	0.04%	0.005%
26	5.550	595	598	600	rBV2	382	271	0.02%	0.002%
27	5.617	606	609	611	rVB2	181	214	0.01%	0.002%
28	5.647	613	614	616	rBV	291	259	0.02%	0.002%
29	5.714	624	625	628	rBV2	252	251	0.02%	0.002%
30	5.775	633	635	640	rVB2	429	580	0.04%	0.005%
31	5.818	640	642	643	rBV2	202	212	0.01%	0.002%
32	5.836	643	645	646	rVV	395	223	0.01%	0.002%
33	6.001	670	672	675	rVB2	340	241	0.02%	0.002%
34	6.092	681	687	688	rBV2	291	380	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLX1

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	6.147	694	696	699	rVV2	273	225	0.01%	0.002%
36	6.226	708	709	712	rBV2	231	250	0.02%	0.002%
37	6.257	712	714	717	rVV	248	249	0.02%	0.002%
38	6.281	717	718	721	rVB2	395	257	0.02%	0.002%
39	6.336	725	727	729	rBV2	287	363	0.02%	0.003%
40	6.580	764	767	768	rBV2	378	341	0.02%	0.003%
41	6.598	768	770	772	rBV	399	276	0.02%	0.002%
42	6.714	786	789	791	rVV2	362	392	0.03%	0.004%
43	6.873	814	815	819	rVV2	210	262	0.02%	0.002%
44	6.927	821	824	825	rBV	330	234	0.01%	0.002%
45	7.007	834	837	838	rBV	283	215	0.01%	0.002%
46	7.074	839	848	853	rBV	44128	121846	7.80%	1.097%
47	7.531	918	923	927	rVB3	470	795	0.05%	0.007%
48	7.641	930	941	959	rBV	265993	654605	41.92%	5.894%
49	7.842	971	974	977	rVB3	592	658	0.04%	0.006%
50	7.885	977	981	983	rBV2	467	536	0.03%	0.005%
51	7.952	985	992	997	rVB5	778	1907	0.12%	0.017%
52	7.988	997	998	1002	rVB	383	320	0.02%	0.003%
53	8.110	1016	1018	1019	rBV	244	246	0.02%	0.002%
54	8.189	1029	1031	1032	rBV	255	225	0.01%	0.002%
55	8.269	1033	1044	1060	rVV2	528744	1561574	100.00%	14.060%
56	8.445	1071	1073	1075	rBV2	478	464	0.03%	0.004%
57	8.604	1097	1099	1100	rBV2	354	292	0.02%	0.003%
58	8.677	1107	1111	1112	rBV2	444	553	0.04%	0.005%
59	8.762	1123	1125	1129	rBV2	322	406	0.03%	0.004%
60	8.836	1129	1137	1150	rVV	408053	809778	51.86%	7.291%
61	9.019	1162	1167	1175	rBV2	18415	40334	2.58%	0.363%
62	9.201	1194	1197	1199	rBV3	474	505	0.03%	0.005%
63	9.268	1199	1208	1219	rBV	356072	722922	46.29%	6.509%
64	9.451	1237	1238	1239	rBV	468	218	0.01%	0.002%
65	9.573	1256	1258	1259	rBV	511	423	0.03%	0.004%
66	9.653	1266	1271	1276	rVB3	2200	4389	0.28%	0.040%
67	9.695	1276	1278	1279	rVB2	446	294	0.02%	0.003%
68	9.939	1316	1318	1319	rBV	281	216	0.01%	0.002%
69	10.031	1323	1333	1342	rBV	194730	347184	22.23%	3.126%
70	10.213	1357	1363	1367	rBV3	2570	5024	0.32%	0.045%
71	10.323	1371	1381	1389	rBV	763848	1370203	87.74%	12.337%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLX1

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	10.573	1415	1422	1430	rBV	122870	210420	13.47%	1.895%
73	10.701	1436	1443	1450	rVV	46003	82160	5.26%	0.740%
74	10.921	1473	1479	1494	rBV	186381	306432	19.62%	2.759%
75	11.061	1497	1502	1511	rVB2	32475	53888	3.45%	0.485%
76	11.232	1529	1530	1532	rBV2	487	390	0.02%	0.004%
77	11.439	1559	1564	1570	rVB	20540	32518	2.08%	0.293%
78	11.628	1588	1595	1606	rBV	598687	994779	63.70%	8.957%
79	11.927	1643	1644	1645	rBV	831	367	0.02%	0.003%
80	12.085	1669	1670	1671	rBV	791	327	0.02%	0.003%
81	12.372	1716	1717	1719	rVB	361	244	0.02%	0.002%
82	12.469	1727	1733	1737	rBV5	2035	2623	0.17%	0.024%
83	12.506	1737	1739	1742	rVB	359	332	0.02%	0.003%
84	12.609	1749	1756	1762	rVB	71199	116877	7.48%	1.052%
85	12.689	1762	1769	1777	rBV	263689	436118	27.93%	3.927%
86	12.756	1777	1780	1783	rBV3	1810	1965	0.13%	0.018%
87	12.932	1804	1809	1817	rBV	15199	22637	1.45%	0.204%
88	13.030	1822	1825	1829	rVB4	1178	2104	0.13%	0.019%
89	13.073	1829	1832	1836	rBV2	1574	1847	0.12%	0.017%
90	13.292	1862	1868	1875	rVB4	10678	19686	1.26%	0.177%
91	13.408	1880	1887	1891	rBV5	4616	8741	0.56%	0.079%
92	13.554	1905	1911	1919	rBV	657827	1028385	65.86%	9.259%
93	13.755	1939	1944	1948	rBV6	4803	9136	0.59%	0.082%
94	13.853	1953	1960	1966	rBV	607741	1010145	64.69%	9.095%
95	14.072	1991	1996	2002	rVB2	27288	45572	2.92%	0.410%
96	14.201	2012	2017	2020	rBV4	2857	4732	0.30%	0.043%
97	14.329	2030	2038	2041	rBV7	4922	10799	0.69%	0.097%
98	14.493	2063	2065	2066	rBV2	1245	1082	0.07%	0.010%
99	14.725	2100	2103	2110	rVB6	3351	4762	0.30%	0.043%
100	15.438	2216	2220	2225	rVB2	18310	28223	1.81%	0.254%

Sum of corrected areas: 11106685

LSC Report - Integrated Chromatogram

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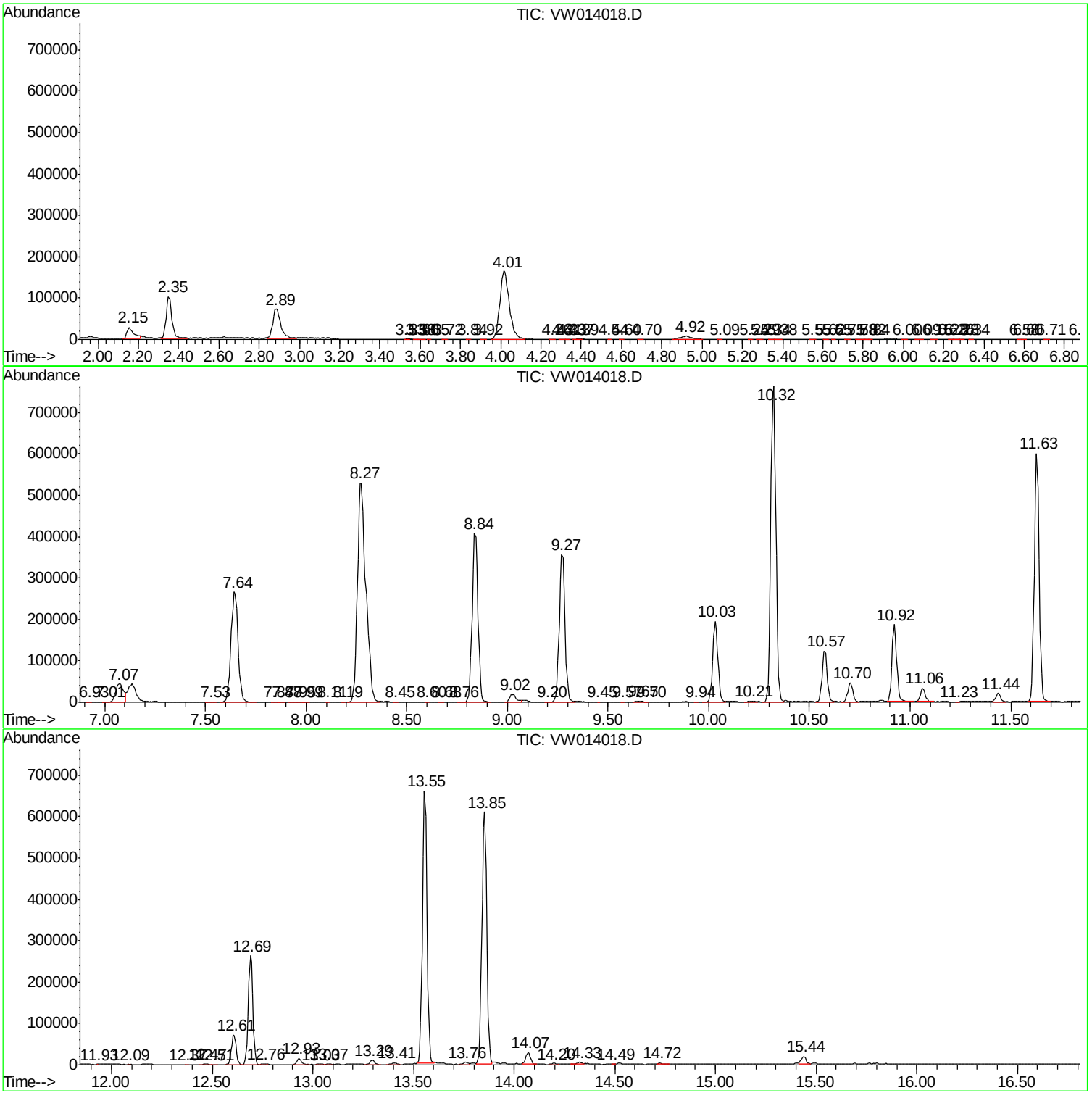
Instrument : MSVOA_W
ClientSampleId : BFLX1

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\VW111419\
Data File : VW014018.D
Acq On : 14 Nov 2019 14:07
Operator : SY/VA
Sample : K5798-13
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFLX1

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

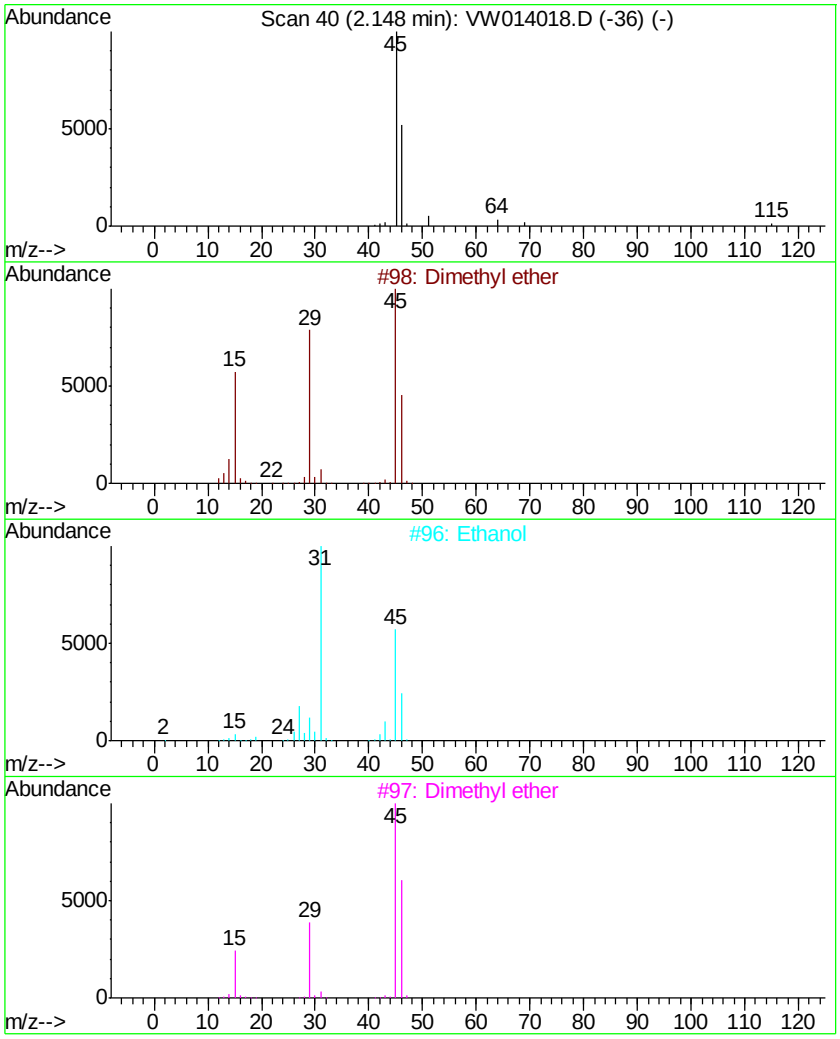
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

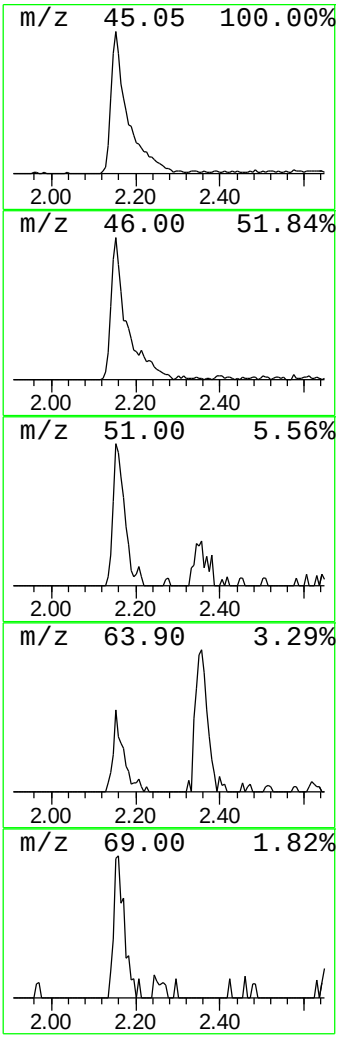
****

Peak Number 1 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.86 ug/L	60265	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	56
2	Ethanol	46	C2H6O	000064-17-5	9
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	9
5	Ethanol	46	C2H6O	000064-17-5	7





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.15	1.9	ug/L	60265	1	8.84	809778	25.0