LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
Data File : VW014055.D
Acq On : 18 Nov 2019 11:33
Operator : SY/VA
Sample : K5798-22
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK02

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	54	rBV	22678	58621	4.22%	0.592%
2	2.349	68	73	87	rVB	105183	188001	13.53%	1.899%
3	2.885	154	161	176	rVB	64351	158956	11.44%	1.605%
4	3.379	236	242	253	rVB6	2878	8611	0.62%	0.087%
5	3.519	264	265	267	rBV2	575	354	0.03%	0.004%
6	3.574	273	274	277	rVB	370	270	0.02%	0.003%
7	3.715	295	297	300	rBV2	376	431	0.03%	0.004%
8	3.745	300	302	303	rBV	353	304	0.02%	0.003%
9	3.855	317	320	322	rBV	304	266	0.02%	0.003%
10	3.916	327	330	334	rVB	398	545	0.04%	0.006%
11	4.013	334	346	362	rBV2	152318	492346	35.44%	4.972%
12	4.263	385	387	390	rVB2	422	383	0.03%	0.004%
13	4.379	401	406	407	rBV3	1427	1644	0.12%	0.017%
14	4.708	458	460	462	rBV	437	314	0.02%	0.003%
15	4.745	462	466	468	rBV3	243	251	0.02%	0.003%
16	4.781	471	472	474	rBV	373	346	0.02%	0.003%
17	4.916	485	494	495	rBV4	6067	13374	0.96%	0.135%
18	5.409	573	575	577	rVB2	477	370	0.03%	0.004%
19	5.452	577	582	585	rBV3	494	686	0.05%	0.007%
20	5.489	585	588	590	rVB2	479	363	0.03%	0.004%
21	5.513	590	592	594	rBV2	294	254	0.02%	0.003%
22	5.690	620	621	623	rBV	473	378	0.03%	0.004%
23	5.934	654	661	663	rBV5	1653	3533	0.25%	0.036%
24	6.263	713	715	718	rVB2	246	248	0.02%	0.003%
25	6.391	733	736	738	rBV	335	417	0.03%	0.004%
26	6.501	753	754	755	rBV	488	249	0.02%	0.003%
27	6.537	759	760	763	rBV	305	302	0.02%	0.003%
28	6.665	778	781	782	rVV	223	275	0.02%	0.003%
29	6.677	782	783	786	rVB	384	245	0.02%	0.002%
30	6.751	791	795	798	rVB2	243	250	0.02%	0.003%
31	6.897	817	819	822	rBV	373	423	0.03%	0.004%
32	6.927	822	824	829	rVB2	297	322	0.02%	0.003%
33	6.982	832	833	835	rBV2	356	283	0.02%	0.003%
34	7.074	840	848	853	rBV	41817	114315	8.23%	1.155%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK02

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	7.269	878	880	882	rVB3	764	524	0.04%	0.005%
36	7.372	893	897	898	rVB3	398	469	0.03%	0.005%
37	7.409	900	903	904	rVB	521	526	0.04%	0.005%
38	7.488	914	916	919	rVB	422	420	0.03%	0.004%
39	7.647	931	942	956	rBV	215879	542349	39.04%	5.477%
40	7.854	974	976	979	rVB	270	270	0.02%	0.003%
41	7.952	986	992	998	rVB4	1620	3159	0.23%	0.032%
42	8.128	1019	1021	1024	rVB2	294	289	0.02%	0.003%
43	8.159	1024	1026	1028	rBV2	402	342	0.02%	0.003%
44	8.269	1031	1044	1061	rBV2	465227	1389326	100.00%	14.031%
45	8.573	1092	1094	1096	rVB2	432	345	0.02%	0.003%
46	8.628	1101	1103	1106	rVB2	764	714	0.05%	0.007%
47	8.665	1106	1109	1110	rBV2	349	321	0.02%	0.003%
48	8.842	1129	1138	1153	rVV	358075	711697	51.23%	7.188%
49	9.037	1164	1170	1172	rBV4	1146	2222	0.16%	0.022%
50	9.275	1200	1209	1223	rBV	293465	606244	43.64%	6.123%
51	9.585	1257	1260	1262	rBV3	564	852	0.06%	0.009%
52	9.756	1282	1288	1293	rBV5	2730	4920	0.35%	0.050%
53	9.848	1301	1303	1304	rBV	298	271	0.02%	0.003%
54	9.890	1304	1310	1319	rVB4	5928	13534	0.97%	0.137%
55	9.957	1319	1321	1322	rBV	304	283	0.02%	0.003%
56	10.031	1327	1333	1344	rVB	162730	302903	21.80%	3.059%
57	10.213	1356	1363	1365	rBV2	2610	4286	0.31%	0.043%
58	10.323	1373	1381	1389	rBV	654904	1169056	84.15%	11.807%
59	10.469	1402	1405	1406	rBV2	988	955	0.07%	0.010%
60	10.573	1416	1422	1433	rVB	108793	188689	13.58%	1.906%
61	10.701	1437	1443	1449	rBV	33268	60708	4.37%	0.613%
62	10.847	1461	1467	1472	rBV6	2664	5521	0.40%	0.056%
63	10.921	1473	1479	1494	rVV	174350	287406	20.69%	2.903%
64	11.061	1497	1502	1510	rVB3	15049	26816	1.93%	0.271%
65	11.177	1517	1521	1526	rVB5	4499	6976	0.50%	0.070%
66	11.341	1545	1548	1551	rVV2	444	500	0.04%	0.005%
67	11.439	1554	1564	1571	rVB2	15709	29732	2.14%	0.300%
68	11.555	1581	1583	1586	rBV2	283	272	0.02%	0.003%
69	11.628	1587	1595	1608	rBV	532621	894978	64.42%	9.039%
70	11.768	1616	1618	1621	rBV2	304	465	0.03%	0.005%
71	11.835	1624	1629	1633	rBV4	1524	2870	0.21%	0.029%

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Instrument : MSVOA_W
ClientSampleId : VHBLK02

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	11.914	1640	1642	1643	rBV2	366	249	0.02%	0.003%
73	11.975	1650	1652	1654	rVB2	620	389	0.03%	0.004%
74	12.115	1672	1675	1679	rBV3	617	924	0.07%	0.009%
75	12.432	1724	1727	1728	rBV3	333	357	0.03%	0.004%
76	12.469	1729	1733	1737	rVB5	2440	3761	0.27%	0.038%
77	12.506	1737	1739	1740	rBV2	492	337	0.02%	0.003%
78	12.609	1750	1756	1762	rVB	59318	99780	7.18%	1.008%
79	12.689	1762	1769	1776	rBV	244067	396330	28.53%	4.003%
80	12.750	1776	1779	1785	rVV2	4252	6458	0.46%	0.065%
81	12.932	1804	1809	1815	rBV2	9106	13135	0.95%	0.133%
82	13.012	1819	1822	1823	rBV3	677	776	0.06%	0.008%
83	13.036	1823	1826	1828	rVV2	1456	1904	0.14%	0.019%
84	13.073	1830	1832	1839	rVB4	1317	2190	0.16%	0.022%
85	13.134	1839	1842	1843	rBV3	659	552	0.04%	0.006%
86	13.188	1849	1851	1857	rVB3	2147	2791	0.20%	0.028%
87	13.243	1857	1860	1864	rVV4	1393	2143	0.15%	0.022%
88	13.292	1864	1868	1877	rVB5	4805	8436	0.61%	0.085%
89	13.402	1882	1886	1892	rVB5	3807	6088	0.44%	0.061%
90	13.463	1894	1896	1898	rBV3	1282	1505	0.11%	0.015%
91	13.554	1905	1911	1925	rVB	615087	1001898	72.11%	10.118%
92	13.762	1941	1945	1949	rBV5	4060	6983	0.50%	0.071%
93	13.853	1953	1960	1966	rBV	560135	923089	66.44%	9.323%
94	14.072	1991	1996	2006	rVB	35688	62014	4.46%	0.626%
95	14.207	2011	2018	2023	rBV8	4031	10912	0.79%	0.110%
96	14.329	2035	2038	2040	rBV4	2967	2565	0.18%	0.026%
97	14.633	2084	2088	2094	rVB6	2297	2763	0.20%	0.028%
98	14.725	2100	2103	2106	rVB4	1287	1433	0.10%	0.014%
99	15.438	2215	2220	2225	rVB2	19199	30722	2.21%	0.310%
100	15.688	2258	2261	2266	rVB5	1628	2029	0.15%	0.020%

Sum of corrected areas: 9901653

LSC Report - Integrated Chromatogram

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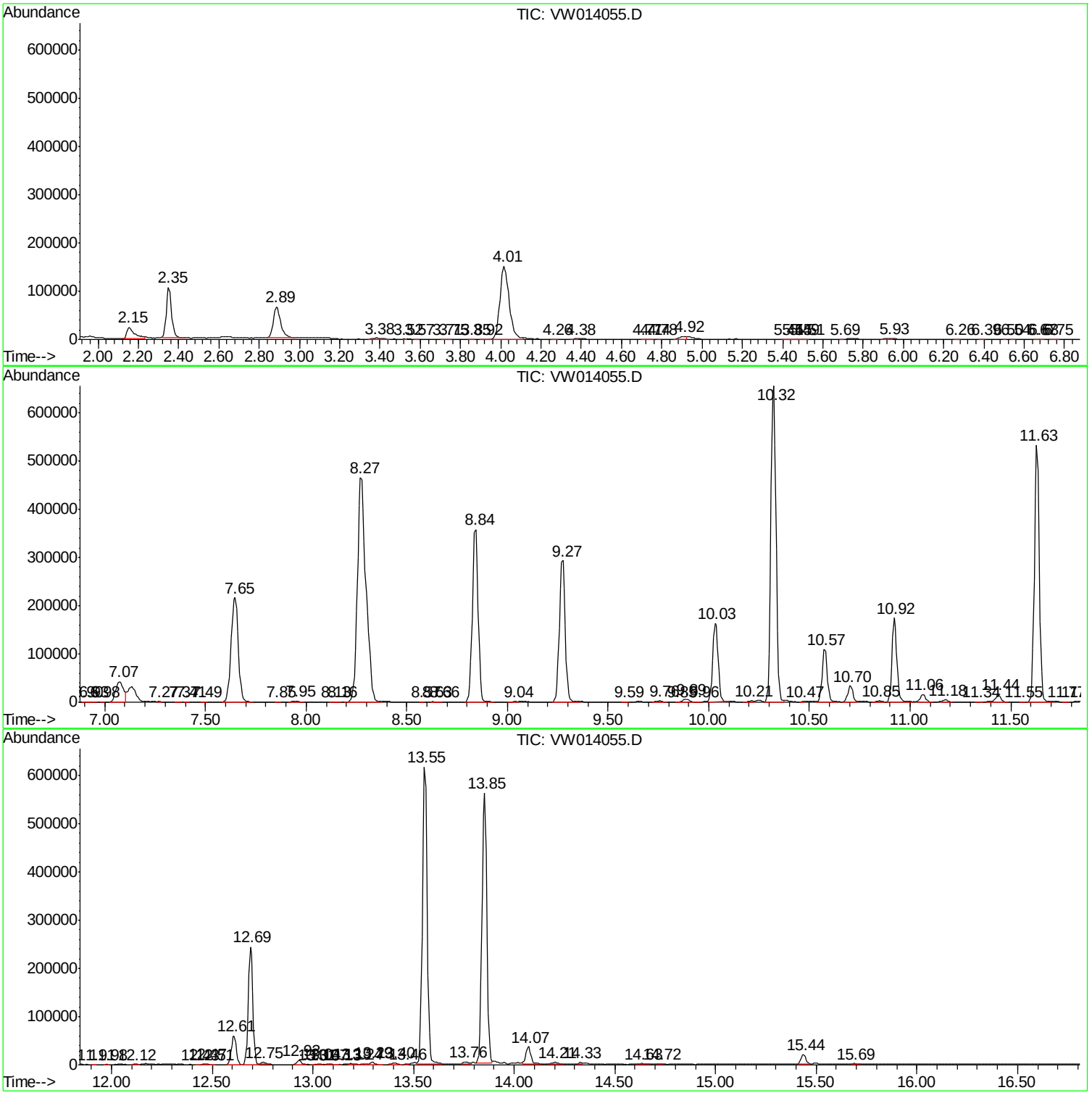
Instrument : MSVOA_W
ClientSampleId : VHBLK02

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 : VW014055.D
Acq On : 18 Nov 2019 11:33
Operator : SY/VA
Sample : K5798-22
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VHBLK02

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

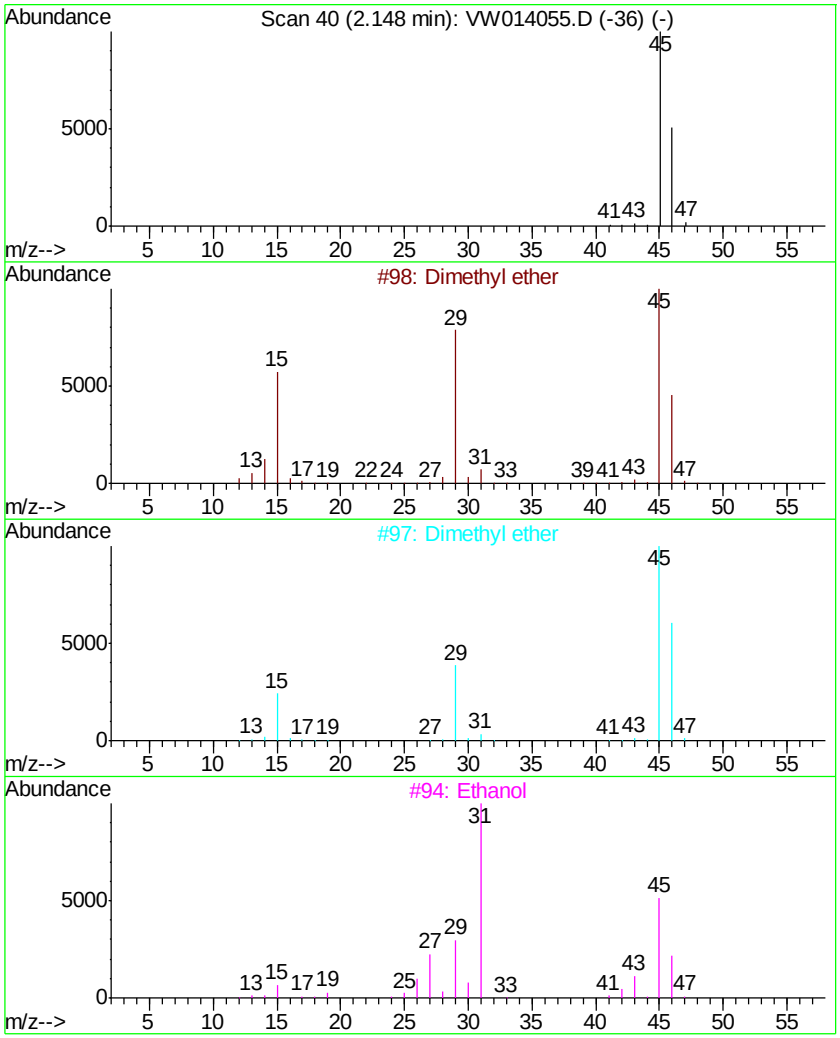
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

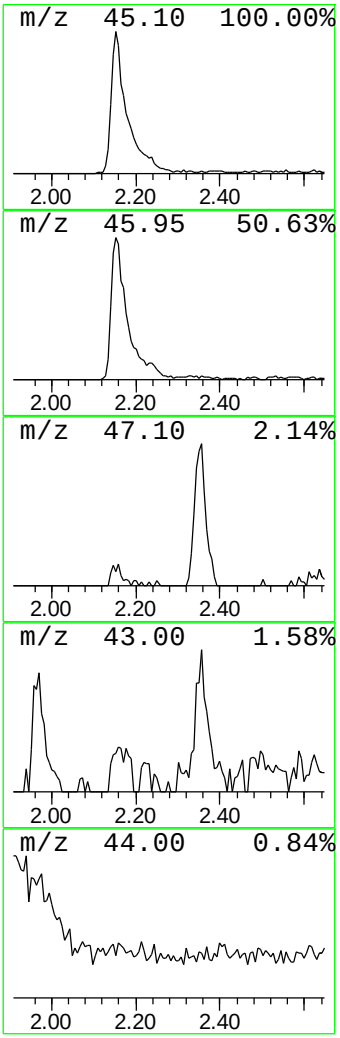
****

Peak Number 1 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.06 ug/L	58621	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	Formic acid	46	CH2O2	000064-18-6	5





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	2.1	ug/L	58621	1	8.84	711697	25.0