LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003424.D
Acq On : 22 Jun 2018 13:55
Operator : SY/AP
Sample : J3621-21
Misc : 7.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ96

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\SOM2WLM062018S.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	1.752	18	27	28	rBV	7801	14768	0.29%	0.104%
2	1.807	28	36	57	rVB	2415486	5100096	100.00%	35.857%
3	2.154	87	93	111	rBV	109412	337056	6.61%	2.370%
4	2.349	120	125	134	rVB	89145	157824	3.09%	1.110%
5	2.886	208	213	230	rVB	63801	151335	2.97%	1.064%
6	4.007	385	397	413	rBV	124834	389084	7.63%	2.735%
7	4.446	467	469	471	rVV2	406	274	0.01%	0.002%
8	4.562	486	488	491	rBV3	410	551	0.01%	0.004%
9	4.782	522	524	529	rVB2	432	473	0.01%	0.003%
10	4.824	529	531	533	rBV	298	241	0.00%	0.002%
11	4.910	534	545	556	rBV3	10243	37281	0.73%	0.262%
12	5.269	602	604	606	rBV	374	285	0.01%	0.002%
13	5.324	611	613	617	rVB3	422	424	0.01%	0.003%
14	5.367	617	620	621	rBV2	370	389	0.01%	0.003%
15	5.599	654	658	659	rBV2	221	311	0.01%	0.002%
16	5.635	662	664	665	rBV2	307	243	0.00%	0.002%
17	5.940	704	714	724	rVB4	11289	32534	0.64%	0.229%
18	6.269	764	768	770	rVB2	398	519	0.01%	0.004%
19	6.288	770	771	775	rBV2	384	493	0.01%	0.003%
20	6.391	787	788	790	rBV2	340	256	0.01%	0.002%
21	6.422	790	793	794	rBV2	307	320	0.01%	0.002%
22	6.605	821	823	827	rBV3	329	332	0.01%	0.002%
23	6.641	827	829	834	rVB2	285	310	0.01%	0.002%
24	6.678	834	835	839	rBV	366	267	0.01%	0.002%
25	6.720	839	842	845	rVB2	513	539	0.01%	0.004%
26	6.757	845	848	850	rBV2	368	410	0.01%	0.003%
27	6.891	868	870	872	rBV2	285	279	0.01%	0.002%
28	7.092	894	903	913	rBV2	30723	91705	1.80%	0.645%
29	7.318	938	940	943	rBV4	575	650	0.01%	0.005%
30	7.379	947	950	956	rBV4	478	853	0.02%	0.006%
31	7.476	964	966	969	rBV	453	401	0.01%	0.003%
32	7.647	984	994	1009	rVB	199465	491801	9.64%	3.458%
33	7.848	1025	1027	1030	rVB3	295	268	0.01%	0.002%
34	7.952	1039	1044	1050	rBV7	1013	2177	0.04%	0.015%

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Instrument : MSVOA_W
ClientSampleId : DAZ96

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\SOM2WLM062018S.M
Title : VOC Analysis

35	8.037	1056	1058	1060	rBV	316	266	0.01%	0.002%
36	8.062	1060	1062	1063	rBV2	461	292	0.01%	0.002%
37	8.080	1063	1065	1067	rVB2	531	474	0.01%	0.003%
38	8.159	1076	1078	1080	rBV2	284	309	0.01%	0.002%
39	8.281	1088	1098	1114	rBV2	371993	1128173	22.12%	7.932%
40	8.513	1134	1136	1142	rVB4	412	755	0.01%	0.005%
41	8.696	1164	1166	1171	rVB3	727	633	0.01%	0.004%
42	8.848	1182	1191	1203	rBV	431444	854167	16.75%	6.005%
43	9.086	1223	1230	1232	rBV7	1761	3724	0.07%	0.026%
44	9.159	1241	1242	1246	rVB3	466	457	0.01%	0.003%
45	9.214	1246	1251	1252	rBV2	325	396	0.01%	0.003%
46	9.281	1252	1262	1273	rBV	273886	555796	10.90%	3.908%
47	9.421	1283	1285	1287	rBV	348	298	0.01%	0.002%
48	9.500	1296	1298	1299	rBV2	403	298	0.01%	0.002%
49	9.659	1321	1324	1325	rBV2	868	947	0.02%	0.007%
50	9.860	1355	1357	1358	rBV	437	296	0.01%	0.002%
51	9.909	1361	1365	1366	rVB2	346	355	0.01%	0.002%
52	9.964	1371	1374	1377	rBV3	493	737	0.01%	0.005%
53	10.037	1378	1386	1397	rBV	137488	249346	4.89%	1.753%
54	10.220	1414	1416	1422	rVB5	868	879	0.02%	0.006%
55	10.329	1426	1434	1441	rBV	539701	930460	18.24%	6.542%
56	10.518	1459	1465	1467	rVB4	960	1896	0.04%	0.013%
57	10.579	1467	1475	1484	rBV	94531	164549	3.23%	1.157%
58	10.714	1492	1497	1501	rVB4	1619	2672	0.05%	0.019%
59	10.933	1526	1533	1544	rBV	130623	224967	4.41%	1.582%
60	11.177	1570	1573	1579	rVB6	798	1450	0.03%	0.010%
61	11.238	1581	1583	1585	rVV2	449	412	0.01%	0.003%
62	11.281	1588	1590	1593	rVB	510	329	0.01%	0.002%
63	11.323	1596	1597	1599	rBV	337	291	0.01%	0.002%
64	11.415	1606	1612	1618	rVB6	902	1897	0.04%	0.013%
65	11.463	1618	1620	1622	rVB3	440	309	0.01%	0.002%
66	11.512	1625	1628	1631	rBV3	524	755	0.01%	0.005%
67	11.537	1631	1632	1634	rVB	502	263	0.01%	0.002%
68	11.561	1634	1636	1639	rBV2	330	295	0.01%	0.002%
69	11.634	1641	1648	1658	rVV	627894	1054568	20.68%	7.414%
70	11.732	1658	1664	1669	rVB4	1734	3557	0.07%	0.025%
71	11.848	1677	1683	1690	rVB5	2927	6299	0.12%	0.044%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZ96

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\SOM2WLM062018S.M
Title : VOC Analysis

72	11.896	1690	1691	1695	rVB	404	323	0.01%	0.002%
73	11.945	1695	1699	1700	rBV3	432	519	0.01%	0.004%
74	12.079	1716	1721	1722	rBV3	685	881	0.02%	0.006%
75	12.104	1722	1725	1729	rVV2	1914	2748	0.05%	0.019%
76	12.177	1732	1737	1742	rVV6	2477	4640	0.09%	0.033%
77	12.341	1762	1764	1766	rBV2	315	335	0.01%	0.002%
78	12.475	1780	1786	1789	rBV3	1081	2232	0.04%	0.016%
79	12.616	1804	1809	1814	rVB2	3118	5291	0.10%	0.037%
80	12.701	1815	1823	1831	rVB	208060	344673	6.76%	2.423%
81	12.756	1831	1832	1834	rBV	406	258	0.01%	0.002%
82	12.872	1848	1851	1853	rBV2	453	436	0.01%	0.003%
83	12.890	1853	1854	1857	rBV2	373	353	0.01%	0.002%
84	13.024	1874	1876	1880	rVB2	549	601	0.01%	0.004%
85	13.201	1904	1905	1907	rBV2	411	340	0.01%	0.002%
86	13.256	1909	1914	1916	rVV5	795	1363	0.03%	0.010%
87	13.481	1946	1951	1954	rBV4	6115	10169	0.20%	0.071%
88	13.567	1958	1965	1974	rVB	612827	973489	19.09%	6.844%
89	13.762	1995	1997	1999	rBV3	647	541	0.01%	0.004%
90	13.859	2006	2013	2021	rBV	502435	836421	16.40%	5.881%
91	14.085	2045	2050	2058	rVB2	8413	14714	0.29%	0.103%
92	14.335	2087	2091	2099	rVB5	4734	6813	0.13%	0.048%
93	14.524	2120	2122	2123	rBV2	1007	791	0.02%	0.006%
94	14.579	2129	2131	2133	rBV2	562	430	0.01%	0.003%
95	14.634	2138	2140	2145	rBV3	1406	2029	0.04%	0.014%
96	15.054	2207	2209	2216	rBV4	720	1040	0.02%	0.007%
97	15.133	2220	2222	2224	rBV3	1356	1321	0.03%	0.009%
98	15.262	2241	2243	2246	rBV4	869	1066	0.02%	0.007%
99	16.261	2403	2407	2409	rBV3	774	1003	0.02%	0.007%
100	16.591	2460	2461	2462	rBV	906	438	0.01%	0.003%

Sum of corrected areas: 14223574

LSC Report - Integrated Chromatogram

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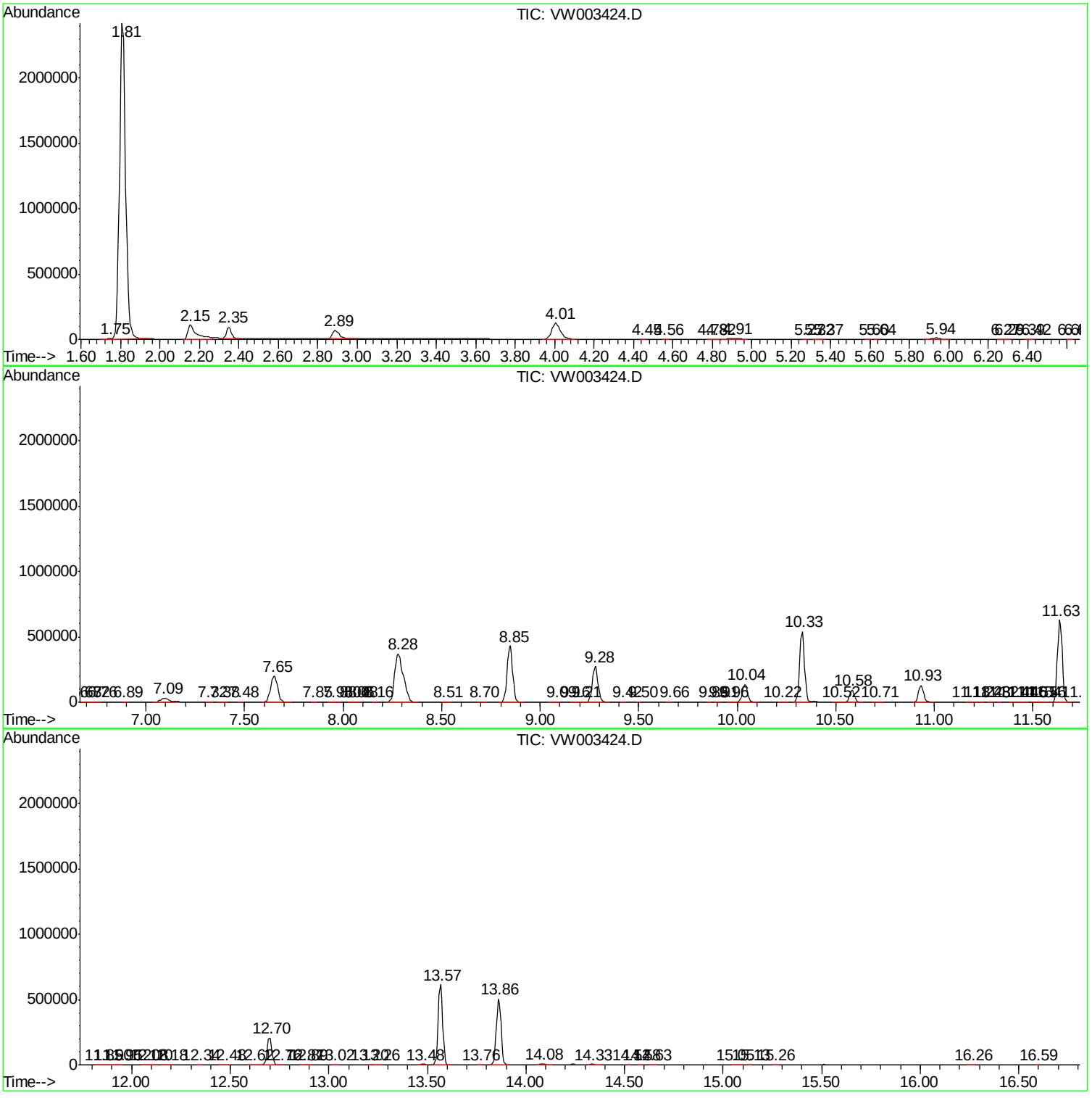
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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\VW062218\
Data File : VW003424.D
Acq On : 22 Jun 2018 13:55
Operator : SY/AP
Sample : J3621-21
Misc : 7.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

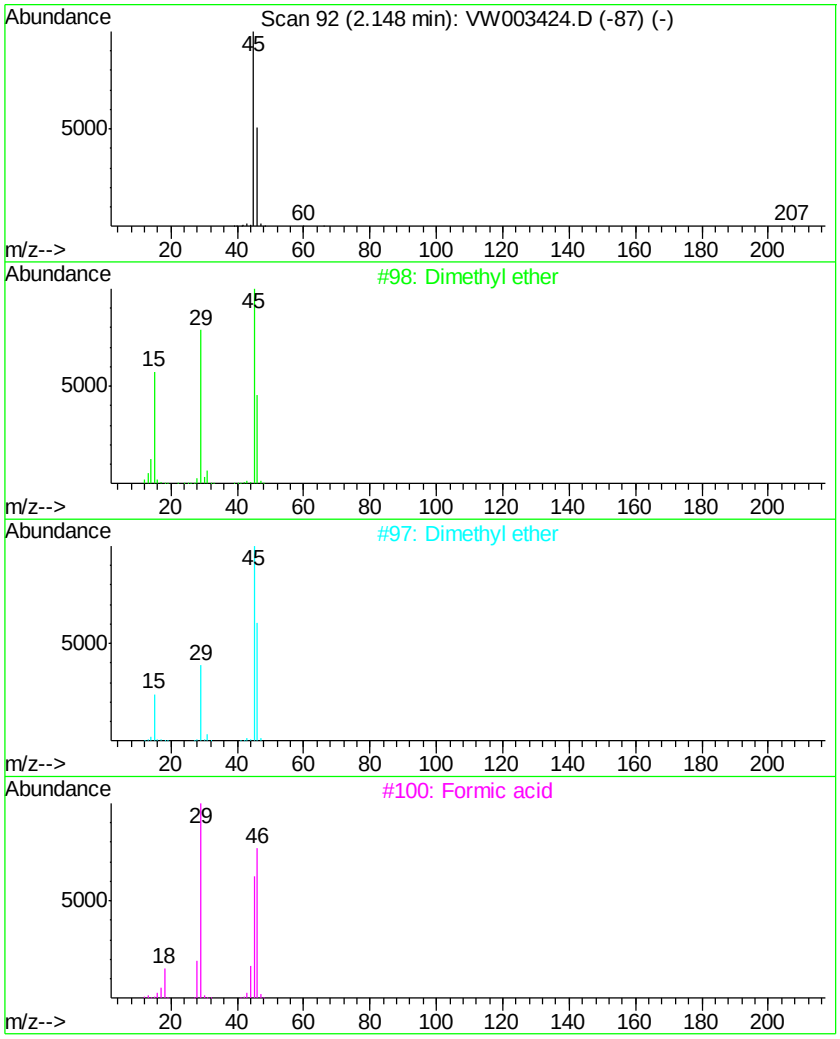
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

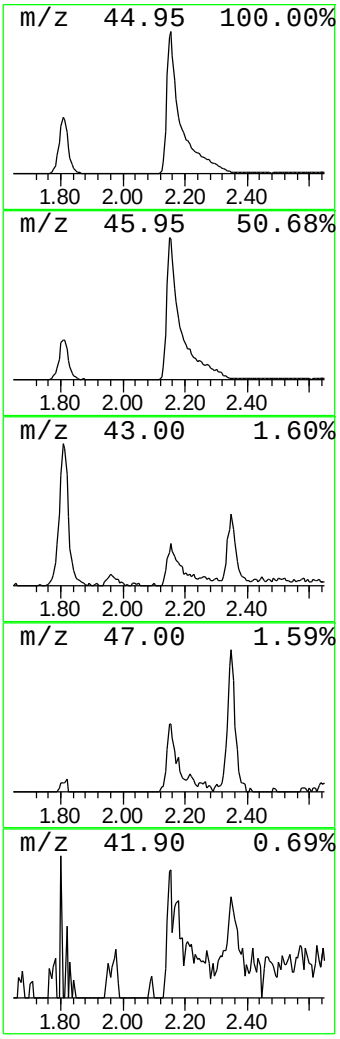
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	9.87 ug/L	337056	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	86
2	Dimethyl ether	46	C2H6O	000115-10-6	64
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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
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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	9.9	ug/L	337056	1	8.85	854167	25.0