LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003423.D
Acq On : 22 Jun 2018 13:29
Operator : SY/AP
Sample : J3619-18
Misc : 7.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ88

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	1.746	16	26	27	rBV	10019	15396	0.14%	0.075%
2	1.807	27	36	57	rVB	5599138	11279157	100.00%	55.137%
3	2.154	86	93	119	rBV	137095	451763	4.01%	2.208%
4	2.349	119	125	135	rVB	89675	165779	1.47%	0.810%
5	2.886	207	213	226	rVB	63299	157044	1.39%	0.768%
6	3.367	290	292	294	rBV3	1641	1577	0.01%	0.008%
7	3.849	362	371	377	rBV8	1885	6042	0.05%	0.030%
8	4.001	385	396	410	rBV	133594	407180	3.61%	1.990%
9	4.141	412	419	434	rVV2	26008	87865	0.78%	0.430%
10	4.245	434	436	438	rVB2	618	553	0.00%	0.003%
11	4.373	449	457	466	rBV2	6707	19179	0.17%	0.094%
12	4.910	532	545	558	rBV3	6619	24488	0.22%	0.120%
13	5.269	600	604	607	rVB3	472	746	0.01%	0.004%
14	5.403	624	626	629	rVB2	480	449	0.00%	0.002%
15	5.879	699	704	705	rVV3	497	517	0.00%	0.003%
16	5.928	705	712	725	rVV4	7022	21145	0.19%	0.103%
17	6.111	740	742	744	rBV2	638	651	0.01%	0.003%
18	6.196	752	756	758	rVB3	333	476	0.00%	0.002%
19	7.092	894	903	911	rBV	38426	114881	1.02%	0.562%
20	7.549	972	978	980	rBV4	982	2249	0.02%	0.011%
21	7.647	985	994	1006	rVB	204593	503684	4.47%	2.462%
22	8.019	1052	1055	1057	rBV2	439	509	0.00%	0.002%
23	8.074	1062	1064	1068	rBV2	658	734	0.01%	0.004%
24	8.281	1087	1098	1114	rBV2	386217	1170816	10.38%	5.723%
25	8.415	1118	1120	1123	rVB3	913	767	0.01%	0.004%
26	8.628	1151	1155	1159	rBV4	561	1146	0.01%	0.006%
27	8.702	1162	1167	1168	rBV4	1358	2297	0.02%	0.011%
28	8.848	1182	1191	1202	rVV	416118	815311	7.23%	3.986%
29	8.952	1207	1208	1210	rVV	746	473	0.00%	0.002%
30	8.970	1210	1211	1216	rVB4	452	477	0.00%	0.002%
31	9.067	1223	1227	1235	rBV5	1250	3035	0.03%	0.015%
32	9.281	1250	1262	1275	rBV	283459	569901	5.05%	2.786%
33	9.464	1290	1292	1298	rVB4	372	452	0.00%	0.002%
34	9.659	1319	1324	1332	rBV4	1481	2634	0.02%	0.013%

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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\SOM2WLM062018S.M
Title : VOC Analysis

35	9.970	1372	1375	1377	rVV3	556	703	0.01%	0.003%
36	10.037	1377	1386	1396	rVV	143057	259853	2.30%	1.270%
37	10.122	1398	1400	1407	rVV5	1368	2344	0.02%	0.011%
38	10.195	1407	1412	1413	rVV5	482	576	0.01%	0.003%
39	10.214	1413	1415	1419	rVB3	734	711	0.01%	0.003%
40	10.329	1426	1434	1441	rBV	534636	933371	8.28%	4.563%
41	10.390	1441	1444	1449	rVB3	4320	7088	0.06%	0.035%
42	10.512	1457	1464	1468	rVB3	2203	3503	0.03%	0.017%
43	10.579	1468	1475	1486	rBV	97843	172222	1.53%	0.842%
44	10.707	1492	1496	1505	rVB	2401	3940	0.03%	0.019%
45	10.854	1515	1520	1522	rBV4	835	1412	0.01%	0.007%
46	10.933	1526	1533	1545	rVV	162188	277335	2.46%	1.356%
47	11.037	1548	1550	1551	rVV	869	617	0.01%	0.003%
48	11.079	1553	1557	1566	rVB7	1882	3918	0.03%	0.019%
49	11.177	1569	1573	1574	rBV2	529	698	0.01%	0.003%
50	11.396	1605	1609	1610	rBV	442	625	0.01%	0.003%
51	11.415	1610	1612	1616	rVV4	1115	1519	0.01%	0.007%
52	11.634	1641	1648	1659	rBV	572852	960654	8.52%	4.696%
53	11.713	1659	1661	1663	rBV3	525	677	0.01%	0.003%
54	11.847	1676	1683	1689	rVB3	1912	4184	0.04%	0.020%
55	12.171	1730	1736	1741	rBV5	1294	2207	0.02%	0.011%
56	12.250	1745	1749	1750	rBV2	775	758	0.01%	0.004%
57	12.463	1782	1784	1786	rVV2	650	598	0.01%	0.003%
58	12.530	1790	1795	1800	rVV5	2394	3678	0.03%	0.018%
59	12.567	1800	1801	1804	rVV2	761	909	0.01%	0.004%
60	12.616	1805	1809	1815	rVV2	3882	6201	0.05%	0.030%
61	12.701	1815	1823	1835	rVB	229440	383023	3.40%	1.872%
62	12.896	1848	1855	1859	rBV4	2903	5723	0.05%	0.028%
63	12.945	1859	1863	1870	rVB6	2003	3550	0.03%	0.017%
64	13.170	1898	1900	1903	rBV3	448	662	0.01%	0.003%
65	13.231	1909	1910	1913	rBV2	478	482	0.00%	0.002%
66	13.262	1913	1915	1917	rVV2	759	645	0.01%	0.003%
67	13.286	1917	1919	1922	rVB3	679	489	0.00%	0.002%
68	13.414	1934	1940	1944	rBV4	1370	2868	0.03%	0.014%
69	13.481	1944	1951	1958	rBV7	3333	6267	0.06%	0.031%
70	13.567	1958	1965	1975	rVV	494580	776032	6.88%	3.794%
71	13.658	1975	1980	1988	rVB2	8992	14791	0.13%	0.072%

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ClientSampleId : DAZ88

Integration Parameters: LSCINT.P
Integrator: RTE
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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	13.750	1993	1995	1998	rBV3	450	577	0.01%	0.003%
73	13.859	2004	2013	2020	rBV	434722	721067	6.39%	3.525%
74	14.006	2034	2037	2038	rVB2	448	471	0.00%	0.002%
75	14.030	2038	2041	2042	rBV3	944	955	0.01%	0.005%
76	14.085	2045	2050	2056	rVB	13283	20211	0.18%	0.099%
77	14.182	2064	2066	2068	rBV2	704	696	0.01%	0.003%
78	14.231	2072	2074	2075	rBV2	851	548	0.00%	0.003%
79	14.335	2086	2091	2096	rBV5	4476	6854	0.06%	0.034%
80	14.432	2105	2107	2109	rBV2	849	975	0.01%	0.005%
81	14.505	2116	2119	2121	rBV4	507	730	0.01%	0.004%
82	14.536	2121	2124	2125	rVV3	1032	1196	0.01%	0.006%
83	14.597	2129	2134	2136	rBV3	499	679	0.01%	0.003%
84	14.621	2136	2138	2139	rBV2	590	554	0.00%	0.003%
85	14.676	2144	2147	2148	rBV	489	492	0.00%	0.002%
86	14.707	2149	2152	2158	rVV6	974	1389	0.01%	0.007%
87	14.798	2164	2167	2168	rBV2	900	534	0.00%	0.003%
88	15.146	2222	2224	2226	rVB3	953	794	0.01%	0.004%
89	15.194	2230	2232	2235	rVV3	855	880	0.01%	0.004%
90	15.377	2258	2262	2265	rBV5	1115	1866	0.02%	0.009%
91	15.450	2272	2274	2279	rBV3	391	487	0.00%	0.002%
92	15.518	2279	2285	2291	rVB2	6167	11045	0.10%	0.054%
93	15.566	2291	2293	2294	rBV2	724	579	0.01%	0.003%
94	15.706	2314	2316	2318	rBV2	989	867	0.01%	0.004%
95	15.767	2320	2326	2327	rBV3	413	638	0.01%	0.003%
96	15.822	2330	2335	2339	rBV3	1930	3258	0.03%	0.016%
97	15.975	2354	2360	2362	rBV5	1373	2627	0.02%	0.013%
98	16.164	2389	2391	2394	rBV3	412	467	0.00%	0.002%
99	16.249	2403	2405	2409	rVB3	425	494	0.00%	0.002%
100	16.664	2471	2473	2476	rBV4	453	619	0.01%	0.003%

Sum of corrected areas: 20456755

LSC Report - Integrated Chromatogram

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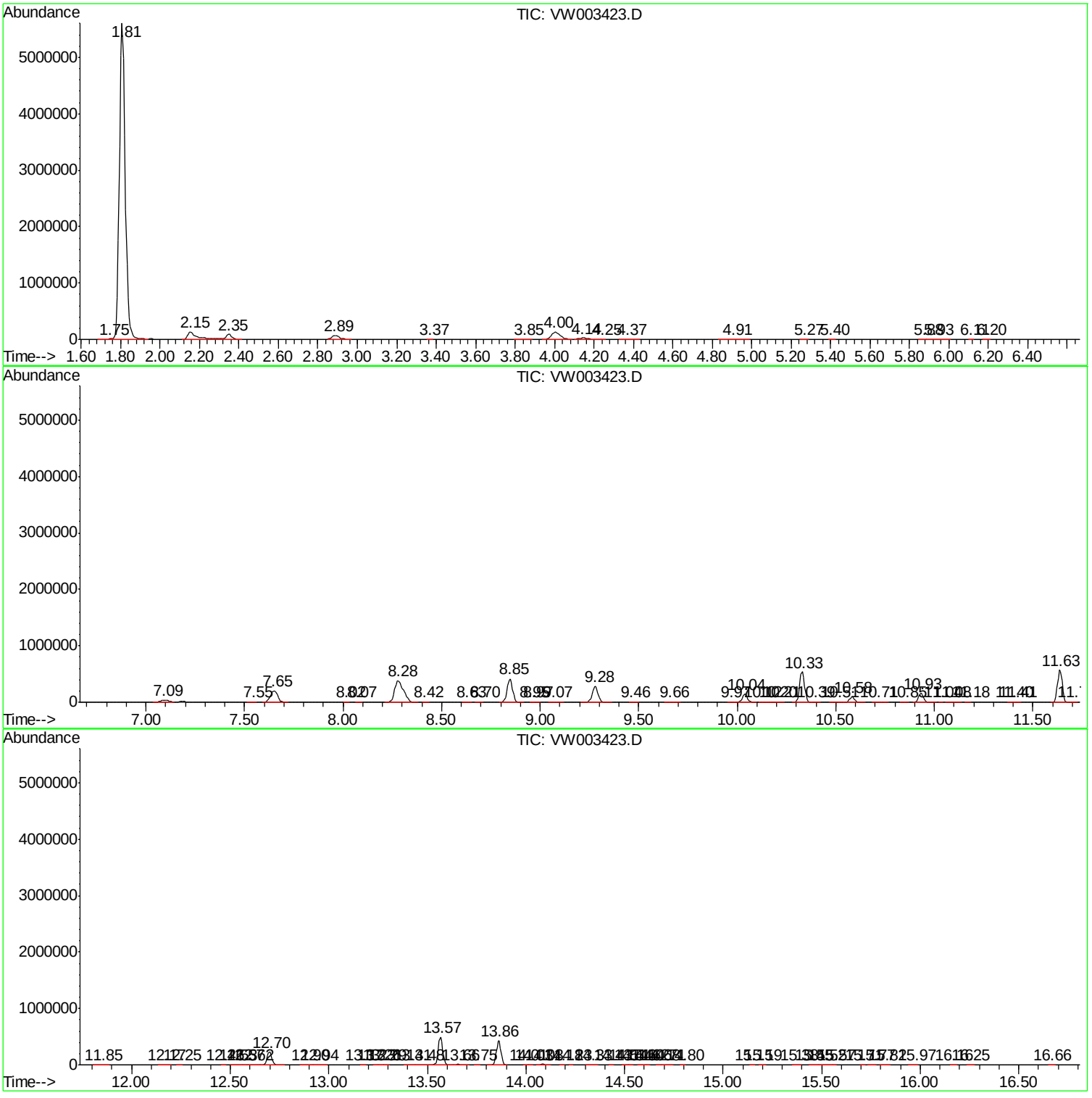
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ88

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 : VW003423.D
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Operator : SY/AP
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Misc : 7.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ88

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

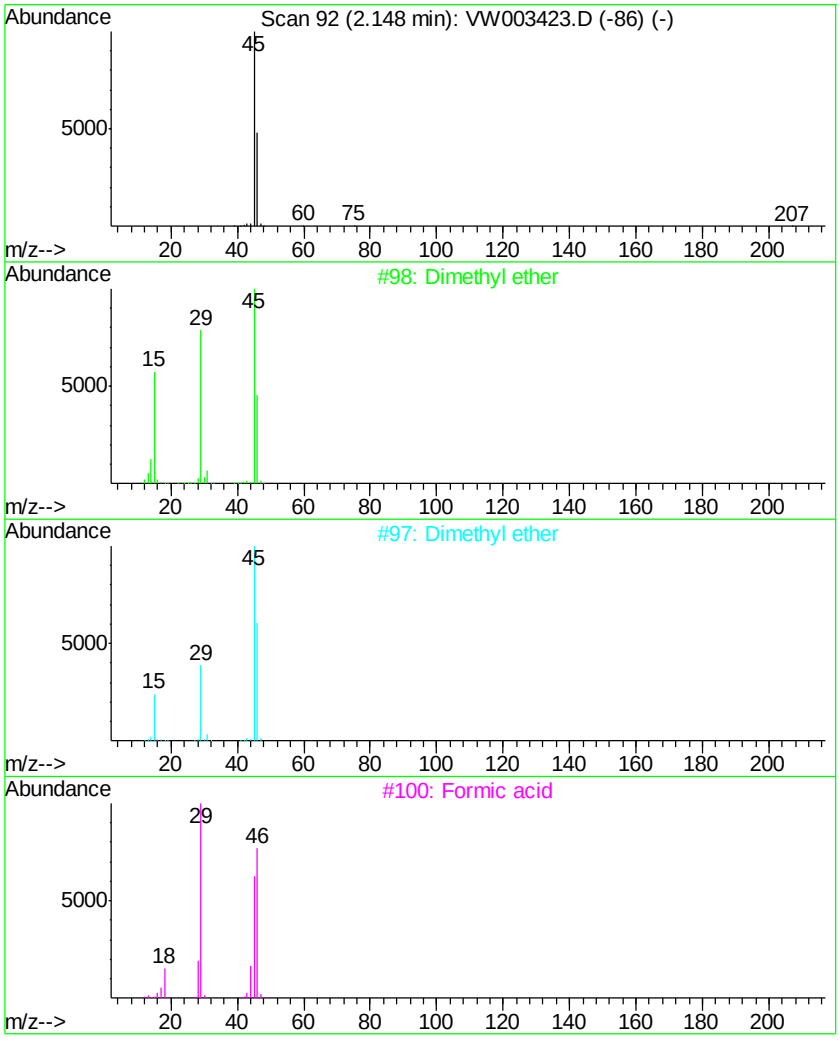
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

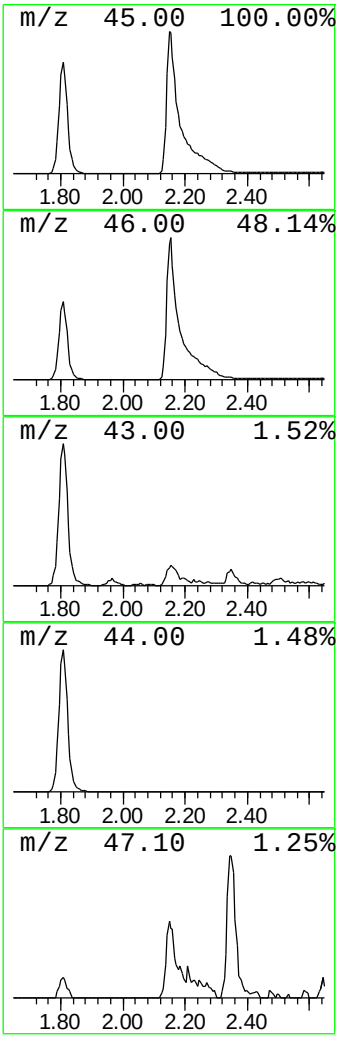
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	13.85 ug/L	451763	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Formic acid	46	CH2O2	000064-18-6	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	13.9	ug/L	451763	1	8.85	815311	25.0