LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003427.D
Acq On : 22 Jun 2018 15:46
Operator : SY/AP
Sample : J3621-05
Misc : 7.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ57

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	1.660	10	12	16	rVB3	635	677	0.02%	0.006%
2	1.752	18	27	29	rBV	23638	41580	1.38%	0.346%
3	1.807	29	36	55	rVB	1394540	3022877	100.00%	25.125%
4	2.154	87	93	118	rBV	89189	285679	9.45%	2.374%
5	2.349	120	125	135	rVB	78913	142212	4.70%	1.182%
6	2.892	207	214	223	rBV	53140	128943	4.27%	1.072%
7	4.008	386	397	413	rBV	115794	358423	11.86%	2.979%
8	4.233	432	434	436	rVB	573	277	0.01%	0.002%
9	4.422	463	465	466	rBV2	520	365	0.01%	0.003%
10	4.459	469	471	472	rVV2	521	350	0.01%	0.003%
11	4.623	497	498	499	rBV	534	337	0.01%	0.003%
12	4.660	502	504	506	rVB	471	391	0.01%	0.003%
13	4.684	506	508	509	rBV	505	408	0.01%	0.003%
14	4.824	530	531	534	rVB3	577	441	0.01%	0.004%
15	4.904	534	544	558	rBV3	8961	33039	1.09%	0.275%
16	5.087	572	574	577	rBV2	288	263	0.01%	0.002%
17	5.123	577	580	581	rBV	374	358	0.01%	0.003%
18	5.379	620	622	624	rBV2	580	480	0.02%	0.004%
19	5.410	624	627	628	rBV3	587	591	0.02%	0.005%
20	5.471	635	637	640	rVB3	292	303	0.01%	0.003%
21	5.519	643	645	649	rBV3	284	301	0.01%	0.003%
22	5.574	652	654	656	rBV2	505	620	0.02%	0.005%
23	5.623	660	662	665	rVV3	349	349	0.01%	0.003%
24	5.812	690	693	694	rBV2	459	350	0.01%	0.003%
25	5.934	703	713	723	rVB3	10139	30546	1.01%	0.254%
26	6.086	737	738	741	rVB2	330	323	0.01%	0.003%
27	6.196	754	756	761	rVB2	366	447	0.01%	0.004%
28	6.257	763	766	768	rBV	244	254	0.01%	0.002%
29	6.330	776	778	780	rVB2	375	286	0.01%	0.002%
30	6.361	780	783	785	rBV3	237	283	0.01%	0.002%
31	6.446	796	797	801	rBV2	288	271	0.01%	0.002%
32	6.513	805	808	812	rBV4	362	598	0.02%	0.005%
33	6.544	812	813	816	rVB2	489	328	0.01%	0.003%
34	6.812	855	857	859	rVV	234	264	0.01%	0.002%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ57

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

35	6.983	883	885	886	rBV2	337	308	0.01%	0.003%
36	7.098	890	904	910	rBV	40610	124319	4.11%	1.033%
37	7.342	942	944	949	rVB3	467	601	0.02%	0.005%
38	7.537	971	976	977	rBV4	801	1029	0.03%	0.009%
39	7.647	985	994	1006	rVB	183447	448188	14.83%	3.725%
40	7.812	1019	1021	1023	rBV	298	270	0.01%	0.002%
41	7.830	1023	1024	1027	rVB2	533	397	0.01%	0.003%
42	7.867	1027	1030	1037	rBV4	420	1189	0.04%	0.010%
43	7.952	1041	1044	1052	rVB6	1046	2282	0.08%	0.019%
44	8.007	1052	1053	1055	rBV	303	268	0.01%	0.002%
45	8.092	1065	1067	1070	rBV2	275	357	0.01%	0.003%
46	8.135	1072	1074	1078	rBV2	309	410	0.01%	0.003%
47	8.202	1082	1085	1087	rBV2	322	364	0.01%	0.003%
48	8.281	1087	1098	1112	rBV2	336977	1051205	34.77%	8.737%
49	8.397	1116	1117	1120	rVV3	665	418	0.01%	0.003%
50	8.696	1162	1166	1168	rBV2	836	1004	0.03%	0.008%
51	8.848	1182	1191	1200	rBV	364614	714719	23.64%	5.940%
52	9.092	1223	1231	1243	rVB	252861	498438	16.49%	4.143%
53	9.281	1253	1262	1272	rBV	250195	514581	17.02%	4.277%
54	9.610	1314	1316	1320	rVB2	343	457	0.02%	0.004%
55	9.659	1320	1324	1330	rBV5	1516	2535	0.08%	0.021%
56	9.775	1342	1343	1346	rVB	426	253	0.01%	0.002%
57	9.872	1355	1359	1362	rBV2	446	445	0.01%	0.004%
58	9.945	1368	1371	1372	rBV	405	533	0.02%	0.004%
59	10.037	1379	1386	1397	rBV2	132784	241122	7.98%	2.004%
60	10.330	1425	1434	1441	rBV	479822	845288	27.96%	7.026%
61	10.476	1456	1458	1460	rBV3	387	311	0.01%	0.003%
62	10.512	1461	1464	1469	rVB3	1193	1334	0.04%	0.011%
63	10.580	1469	1475	1484	rBV	98311	169302	5.60%	1.407%
64	10.640	1484	1485	1490	rVB2	627	672	0.02%	0.006%
65	10.714	1492	1497	1500	rVB2	1560	2692	0.09%	0.022%
66	10.860	1517	1521	1525	rBV5	1303	2184	0.07%	0.018%
67	10.933	1526	1533	1543	rBV	185402	310065	10.26%	2.577%
68	11.305	1591	1594	1596	rVB	320	297	0.01%	0.002%
69	11.390	1606	1608	1609	rBV2	517	478	0.02%	0.004%
70	11.409	1609	1611	1616	rVB3	706	916	0.03%	0.008%
71	11.482	1622	1623	1627	rVB2	309	273	0.01%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZ57

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

72	11.518	1627	1629	1630	rBV2	444	399	0.01%	0.003%
73	11.634	1638	1648	1658	rBV	543330	915654	30.29%	7.610%
74	11.707	1658	1660	1661	rBV	694	562	0.02%	0.005%
75	11.793	1671	1674	1675	rVB2	328	301	0.01%	0.003%
76	11.841	1678	1682	1688	rVB4	2409	4459	0.15%	0.037%
77	12.171	1729	1736	1744	rVB6	1764	4106	0.14%	0.034%
78	12.238	1744	1747	1751	rBV2	411	615	0.02%	0.005%
79	12.341	1762	1764	1765	rBV2	372	307	0.01%	0.003%
80	12.402	1771	1774	1776	rBV3	385	523	0.02%	0.004%
81	12.469	1781	1785	1789	rBV3	767	1278	0.04%	0.011%
82	12.616	1806	1809	1815	rVB2	2155	3250	0.11%	0.027%
83	12.701	1815	1823	1830	rBV	247014	409761	13.56%	3.406%
84	12.902	1853	1856	1860	rBV4	578	871	0.03%	0.007%
85	12.951	1860	1864	1865	rBV3	603	716	0.02%	0.006%
86	13.073	1880	1884	1887	rBV	316	558	0.02%	0.005%
87	13.110	1887	1890	1892	rBV	445	457	0.02%	0.004%
88	13.238	1909	1911	1914	rBV2	483	629	0.02%	0.005%
89	13.360	1928	1931	1932	rBV2	391	384	0.01%	0.003%
90	13.396	1936	1937	1939	rBV2	477	382	0.01%	0.003%
91	13.481	1946	1951	1955	rBV3	4305	6598	0.22%	0.055%
92	13.567	1957	1965	1972	rVV	549094	856830	28.34%	7.122%
93	13.658	1976	1980	1986	rVB2	6295	9580	0.32%	0.080%
94	13.731	1991	1992	1995	rVB3	643	268	0.01%	0.002%
95	13.859	2006	2013	2021	rBV	490010	807890	26.73%	6.715%
96	14.085	2046	2050	2059	rVB4	3743	7319	0.24%	0.061%
97	14.341	2088	2092	2095	rBV5	1613	2534	0.08%	0.021%
98	14.640	2137	2141	2146	rVB5	946	1571	0.05%	0.013%
99	15.188	2229	2231	2232	rBV	681	444	0.01%	0.004%
100	15.816	2332	2334	2335	rVB2	1178	619	0.02%	0.005%

Sum of corrected areas: 12031583

LSC Report - Integrated Chromatogram

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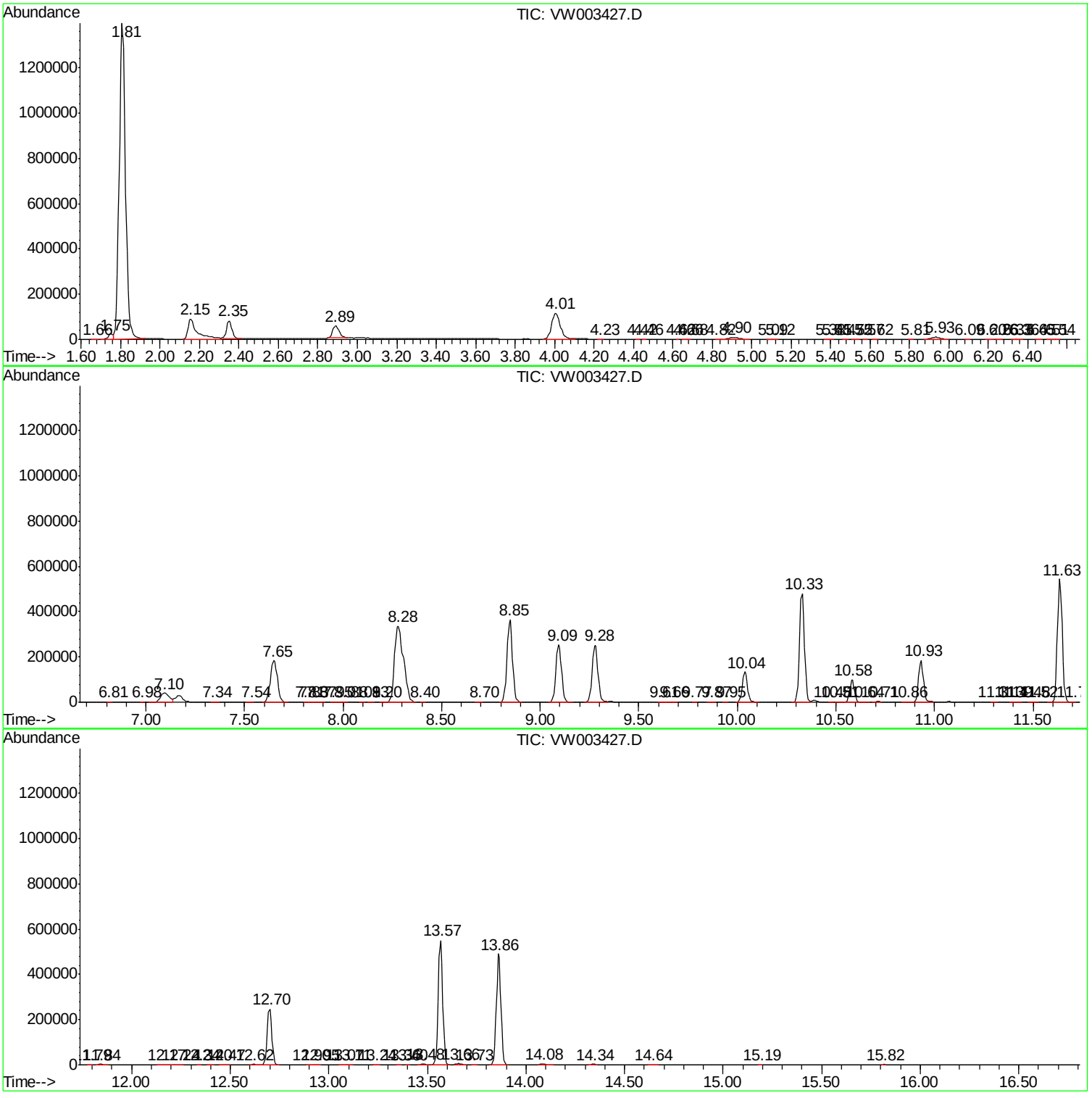
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ57

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



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

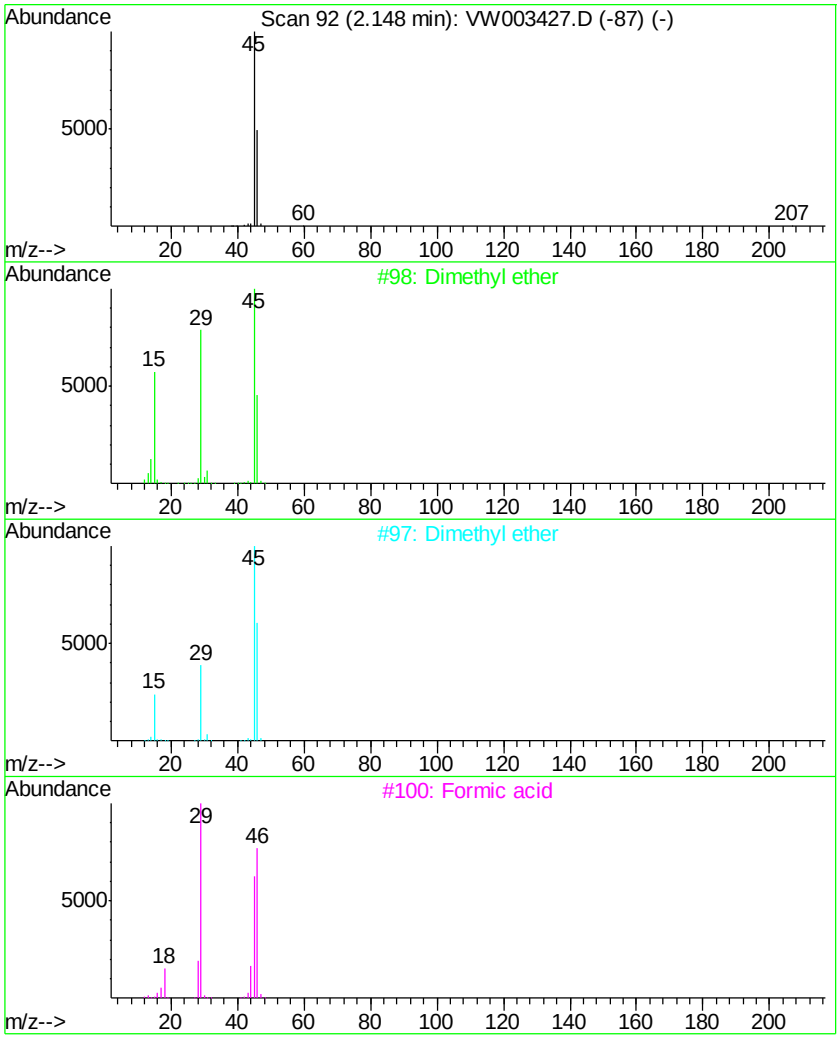
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

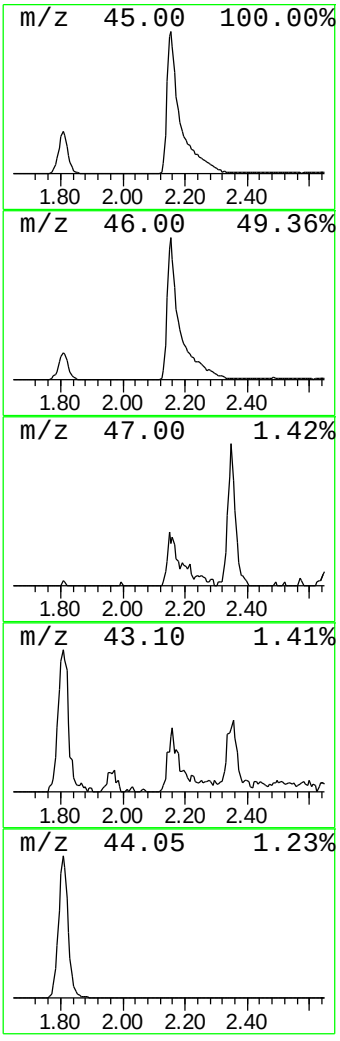
****

Peak Number 3 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	9.99 ug/L	285679	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	5
4	Ethanol	46	C2H6O	000064-17-5	4
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	10.0	ug/L	285679	1	8.85	714719	25.0