LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003433.D
Acq On : 22 Jun 2018 18:21
Operator : SY/AP
Sample : J3621-11
Misc : 7.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ65

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	18	26	27	rBV	7917	11321	0.39%	0.098%
2	1.806	28	36	58	rVB	1294320	2915821	100.00%	25.266%
3	2.154	87	93	119	rBV	57209	204853	7.03%	1.775%
4	2.349	120	125	136	rVB	79213	143234	4.91%	1.241%
5	2.886	207	213	226	rVB	51566	130419	4.47%	1.130%
6	4.007	386	397	414	rBV2	108776	350865	12.03%	3.040%
7	4.660	502	504	505	rBV	406	288	0.01%	0.002%
8	4.910	533	545	561	rBV3	7698	29559	1.01%	0.256%
9	5.111	574	578	579	rBV3	342	433	0.01%	0.004%
10	5.153	584	585	587	rVV	444	280	0.01%	0.002%
11	5.245	598	600	601	rBV	410	303	0.01%	0.003%
12	5.281	604	606	609	rBV2	335	515	0.02%	0.004%
13	5.379	619	622	624	rBV2	415	444	0.02%	0.004%
14	5.623	660	662	664	rVB2	325	268	0.01%	0.002%
15	5.647	664	666	667	rBV2	324	248	0.01%	0.002%
16	5.684	669	672	675	rVB2	507	627	0.02%	0.005%
17	5.726	677	679	680	rBV	337	230	0.01%	0.002%
18	5.873	701	703	704	rVV	514	433	0.01%	0.004%
19	5.940	704	714	725	rVB3	7872	23718	0.81%	0.206%
20	6.074	734	736	737	rBV	453	296	0.01%	0.003%
21	6.092	737	739	740	rVV	385	333	0.01%	0.003%
22	6.135	744	746	752	rVB3	777	1087	0.04%	0.009%
23	6.226	758	761	763	rBV2	297	379	0.01%	0.003%
24	6.263	763	767	771	rBV2	444	609	0.02%	0.005%
25	6.293	771	772	774	rVB2	377	224	0.01%	0.002%
26	6.330	774	778	781	rVB3	390	510	0.02%	0.004%
27	6.440	795	796	800	rBV2	282	383	0.01%	0.003%
28	6.482	801	803	806	rVB3	438	381	0.01%	0.003%
29	6.586	818	820	824	rVB2	373	318	0.01%	0.003%
30	6.671	831	834	836	rBV3	218	245	0.01%	0.002%
31	6.763	848	849	851	rVB	486	282	0.01%	0.002%
32	6.787	851	853	857	rBV2	389	666	0.02%	0.006%
33	6.915	872	874	875	rBV	548	390	0.01%	0.003%
34	7.092	894	903	929	rVB2	35468	114092	3.91%	0.989%

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Instrument : MSVOA_W
ClientSampleId : DAZ65

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	7.647	984	994	1007	rVB	185376	458606	15.73%	3.974%
36	7.787	1015	1017	1023	rBV3	243	394	0.01%	0.003%
37	7.854	1026	1028	1030	rVV2	369	248	0.01%	0.002%
38	7.909	1034	1037	1039	rBV2	277	366	0.01%	0.003%
39	7.946	1040	1043	1044	rVV2	530	470	0.02%	0.004%
40	7.982	1047	1049	1051	rVB	426	282	0.01%	0.002%
41	8.007	1051	1053	1056	rVB2	326	232	0.01%	0.002%
42	8.037	1056	1058	1060	rBV	293	235	0.01%	0.002%
43	8.068	1060	1063	1064	rBV3	384	384	0.01%	0.003%
44	8.116	1069	1071	1074	rBV	264	395	0.01%	0.003%
45	8.147	1074	1076	1077	rBV2	319	257	0.01%	0.002%
46	8.281	1087	1098	1114	rBV2	339443	1057817	36.28%	9.166%
47	8.513	1133	1136	1139	rVB3	346	464	0.02%	0.004%
48	8.543	1139	1141	1142	rBV	276	218	0.01%	0.002%
49	8.848	1182	1191	1201	rBV	408111	795731	27.29%	6.895%
50	9.080	1225	1229	1237	rVB8	1818	5078	0.17%	0.044%
51	9.141	1237	1239	1241	rBV2	609	580	0.02%	0.005%
52	9.208	1246	1250	1253	rBV2	365	533	0.02%	0.005%
53	9.281	1253	1262	1271	rBV	261847	526407	18.05%	4.561%
54	9.592	1311	1313	1316	rBV3	276	335	0.01%	0.003%
55	9.665	1320	1325	1330	rBV5	1281	2153	0.07%	0.019%
56	9.848	1353	1355	1357	rBV2	393	355	0.01%	0.003%
57	9.945	1367	1371	1373	rBV2	382	482	0.02%	0.004%
58	10.037	1378	1386	1394	rBV	131348	241611	8.29%	2.094%
59	10.329	1426	1434	1441	rBV	485489	854514	29.31%	7.404%
60	10.390	1441	1444	1451	rVB	5677	10640	0.36%	0.092%
61	10.506	1461	1463	1467	rVB3	1028	1076	0.04%	0.009%
62	10.579	1469	1475	1485	rVV	93387	163838	5.62%	1.420%
63	10.713	1494	1497	1502	rVB4	1560	2264	0.08%	0.020%
64	10.780	1506	1508	1513	rVB3	603	687	0.02%	0.006%
65	10.835	1515	1517	1518	rBV	511	357	0.01%	0.003%
66	10.933	1525	1533	1546	rBV	155474	268129	9.20%	2.323%
67	11.189	1574	1575	1579	rVB3	1031	709	0.02%	0.006%
68	11.274	1587	1589	1593	rVB2	367	484	0.02%	0.004%
69	11.311	1593	1595	1596	rBV2	348	294	0.01%	0.003%
70	11.408	1606	1611	1613	rBV2	1024	1481	0.05%	0.013%
71	11.518	1627	1629	1631	rVB2	467	367	0.01%	0.003%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZ65

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

72	11.634	1641	1648	1658	rBV	602581	1013449	34.76%	8.782%
73	11.847	1677	1683	1689	rVB4	2069	3827	0.13%	0.033%
74	11.896	1689	1691	1692	rBV4	332	276	0.01%	0.002%
75	11.939	1696	1698	1700	rBV2	213	218	0.01%	0.002%
76	11.988	1704	1706	1711	rVB3	332	284	0.01%	0.002%
77	12.091	1719	1723	1724	rBV2	505	560	0.02%	0.005%
78	12.170	1733	1736	1739	rBV4	1181	1734	0.06%	0.015%
79	12.225	1743	1745	1749	rVB3	354	330	0.01%	0.003%
80	12.353	1765	1766	1771	rVB2	468	490	0.02%	0.004%
81	12.396	1771	1773	1776	rBV3	381	490	0.02%	0.004%
82	12.616	1805	1809	1815	rVV2	4073	6271	0.22%	0.054%
83	12.701	1815	1823	1831	rVV	233212	379662	13.02%	3.290%
84	12.774	1834	1835	1837	rVB2	531	349	0.01%	0.003%
85	12.798	1837	1839	1841	rBV2	308	261	0.01%	0.002%
86	12.872	1849	1851	1852	rBV	324	275	0.01%	0.002%
87	12.908	1853	1857	1858	rVV2	351	483	0.02%	0.004%
88	13.134	1893	1894	1897	rVB2	487	413	0.01%	0.004%
89	13.182	1897	1902	1905	rVB3	328	488	0.02%	0.004%
90	13.231	1908	1910	1911	rBV2	498	337	0.01%	0.003%
91	13.268	1914	1916	1917	rBV	415	300	0.01%	0.003%
92	13.475	1945	1950	1956	rBV7	4078	6829	0.23%	0.059%
93	13.567	1958	1965	1972	rBV	608729	950972	32.61%	8.240%
94	13.859	2006	2013	2021	rBV	504501	822566	28.21%	7.128%
95	14.079	2045	2049	2059	rVB2	5096	9616	0.33%	0.083%
96	14.152	2059	2061	2063	rBV2	426	531	0.02%	0.005%
97	14.341	2087	2092	2097	rBV3	2164	3017	0.10%	0.026%
98	14.792	2164	2166	2169	rBV2	560	539	0.02%	0.005%
99	15.511	2282	2284	2291	rVB4	2087	2944	0.10%	0.026%
100	16.706	2478	2480	2481	rBV	744	494	0.02%	0.004%

Sum of corrected areas: 11540532

LSC Report - Integrated Chromatogram

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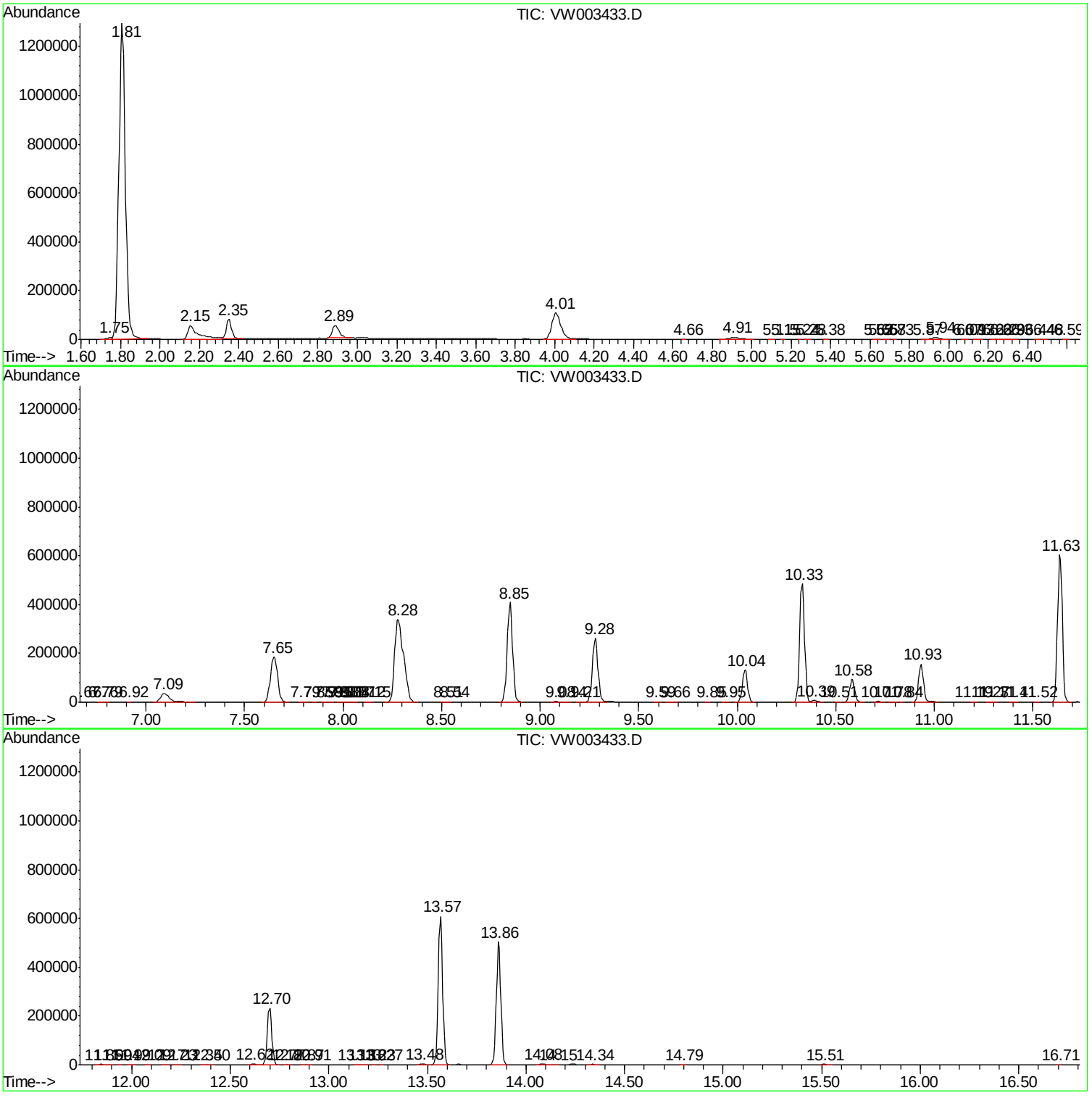
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ65

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 : VW003433.D
Acq On : 22 Jun 2018 18:21
Operator : SY/AP
Sample : J3621-11
Misc : 7.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ65

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

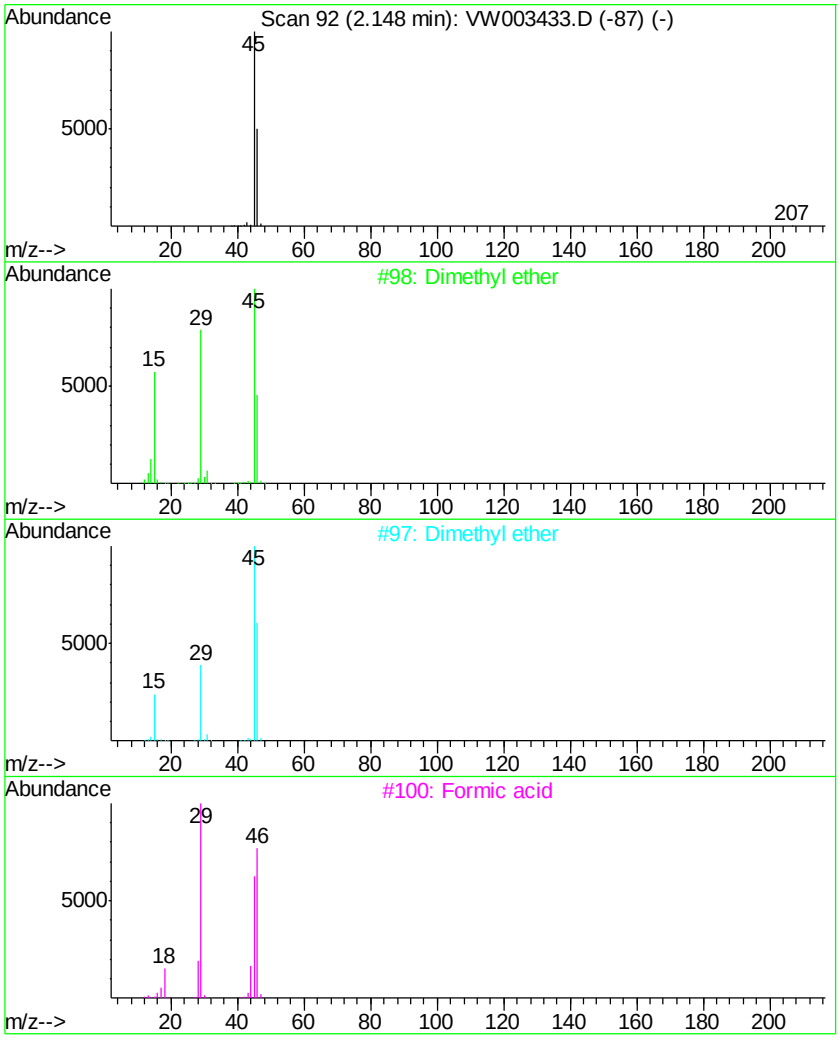
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

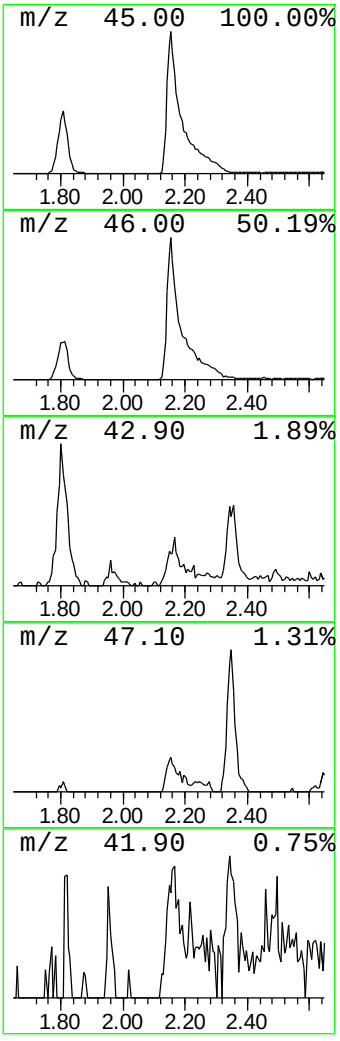
****

Peak Number 2 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.44 ug/L	204853	1,4-Difluorobenzene	8.85

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	74
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

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.15	6.4	ug/L	204853	1	8.85	795731	25.0