LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003429.D
Acq On : 22 Jun 2018 16:38
Operator : SY/AP
Sample : J3621-07
Misc : 6.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ59

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	1.630	6	7	10	rBV3	267	298	0.00%	0.002%
2	1.746	17	26	28	rBV	8502	15919	0.24%	0.083%
3	1.806	28	36	58	rVB	3322248	6698231	100.00%	34.761%
4	2.154	87	93	117	rBV	87162	281421	4.20%	1.460%
5	2.349	120	125	136	rVB	86582	155009	2.31%	0.804%
6	2.886	207	213	228	rVB	59803	149398	2.23%	0.775%
7	4.007	386	397	413	rBV	129744	398843	5.95%	2.070%
8	4.269	438	440	442	rVB3	494	328	0.00%	0.002%
9	4.312	445	447	450	rVV3	372	287	0.00%	0.001%
10	4.678	505	507	509	rBV2	394	515	0.01%	0.003%
11	4.769	519	522	524	rBV2	307	304	0.00%	0.002%
12	4.788	524	525	528	rVB2	287	296	0.00%	0.002%
13	4.910	534	545	558	rBV2	9880	35839	0.54%	0.186%
14	5.092	573	575	579	rBV3	540	642	0.01%	0.003%
15	5.434	619	631	640	rBV2	5551	20095	0.30%	0.104%
16	5.641	662	665	667	rVB2	381	358	0.01%	0.002%
17	5.672	667	670	672	rVB2	376	466	0.01%	0.002%
18	5.733	677	680	683	rBV3	335	554	0.01%	0.003%
19	5.940	704	714	722	rBV3	8055	23846	0.36%	0.124%
20	6.123	743	744	747	rVV2	434	323	0.00%	0.002%
21	6.184	751	754	756	rBV4	368	479	0.01%	0.002%
22	6.208	756	758	764	rVB4	438	851	0.01%	0.004%
23	6.300	770	773	774	rBV3	405	402	0.01%	0.002%
24	6.543	812	813	817	rVB2	334	315	0.00%	0.002%
25	6.617	824	825	828	rVB	376	287	0.00%	0.001%
26	6.781	850	852	855	rVB3	399	281	0.00%	0.001%
27	6.812	855	857	860	rBV3	338	377	0.01%	0.002%
28	6.867	865	866	868	rBV	401	275	0.00%	0.001%
29	6.921	872	875	876	rVB2	302	302	0.00%	0.002%
30	7.092	894	903	910	rBV	32899	96060	1.43%	0.499%
31	7.257	928	930	931	rBV2	512	320	0.00%	0.002%
32	7.348	942	945	947	rVB2	379	352	0.01%	0.002%
33	7.403	950	954	956	rBV	341	434	0.01%	0.002%
34	7.555	971	979	982	rBV4	1340	3062	0.05%	0.016%

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Instrument : MSVOA_W
ClientSampleId : DAZ59

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

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

35	7.647	984	994	1010	rVB	204811	504625	7.53%	2.619%
36	7.763	1010	1013	1014	rBV3	613	559	0.01%	0.003%
37	7.909	1035	1037	1039	rBV2	397	375	0.01%	0.002%
38	7.940	1040	1042	1043	rBV2	359	279	0.00%	0.001%
39	8.055	1059	1061	1072	rVB3	420	972	0.01%	0.005%
40	8.147	1074	1076	1078	rVB2	343	272	0.00%	0.001%
41	8.281	1087	1098	1112	rBV2	383007	1153151	17.22%	5.984%
42	8.482	1130	1131	1133	rBV	536	442	0.01%	0.002%
43	8.598	1147	1150	1153	rBV4	297	382	0.01%	0.002%
44	8.628	1153	1155	1156	rBV2	431	354	0.01%	0.002%
45	8.689	1160	1165	1168	rBV3	599	1088	0.02%	0.006%
46	8.787	1179	1181	1182	rBV	412	272	0.00%	0.001%
47	8.848	1182	1191	1204	rBV	422924	823508	12.29%	4.274%
48	9.092	1221	1231	1245	rBV	1750156	3412166	50.94%	17.708%
49	9.281	1252	1262	1270	rBV	281180	569168	8.50%	2.954%
50	9.610	1313	1316	1317	rBV3	441	456	0.01%	0.002%
51	9.903	1360	1364	1366	rBV3	330	544	0.01%	0.003%
52	9.964	1372	1374	1378	rVB3	398	407	0.01%	0.002%
53	10.037	1378	1386	1394	rBV	143313	262991	3.93%	1.365%
54	10.329	1425	1434	1441	rBV	547990	955595	14.27%	4.959%
55	10.518	1459	1465	1467	rBV3	583	853	0.01%	0.004%
56	10.579	1467	1475	1484	rBV	99313	172247	2.57%	0.894%
57	10.780	1506	1508	1515	rVB5	1074	1874	0.03%	0.010%
58	10.866	1515	1522	1526	rBV5	3490	6708	0.10%	0.035%
59	10.933	1526	1533	1545	rBV	144132	241359	3.60%	1.253%
60	11.152	1566	1569	1571	rVB2	481	532	0.01%	0.003%
61	11.177	1571	1573	1576	rVV2	535	370	0.01%	0.002%
62	11.219	1578	1580	1583	rVB2	697	608	0.01%	0.003%
63	11.250	1583	1585	1587	rBV2	482	424	0.01%	0.002%
64	11.360	1601	1603	1607	rVV3	454	503	0.01%	0.003%
65	11.396	1607	1609	1610	rVV	451	251	0.00%	0.001%
66	11.415	1610	1612	1616	rVB4	483	361	0.01%	0.002%
67	11.561	1633	1636	1637	rBV	387	293	0.00%	0.002%
68	11.634	1640	1648	1658	rBV	606585	1024952	15.30%	5.319%
69	11.780	1668	1672	1673	rBV3	432	514	0.01%	0.003%
70	11.841	1677	1682	1690	rVV5	1583	3629	0.05%	0.019%
71	11.902	1690	1692	1695	rVB3	250	316	0.00%	0.002%

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Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	11.988	1703	1706	1708	rBV2	404	473	0.01%	0.002%
73	12.042	1712	1715	1717	rBV3	458	608	0.01%	0.003%
74	12.177	1732	1737	1738	rBV3	1288	1796	0.03%	0.009%
75	12.225	1744	1745	1749	rBV	400	542	0.01%	0.003%
76	12.262	1749	1751	1752	rVV	497	285	0.00%	0.001%
77	12.280	1752	1754	1756	rVV2	599	377	0.01%	0.002%
78	12.311	1756	1759	1761	rVV	374	429	0.01%	0.002%
79	12.347	1761	1765	1770	rVB3	601	1148	0.02%	0.006%
80	12.408	1772	1775	1776	rVB	463	315	0.00%	0.002%
81	12.475	1782	1786	1789	rVB2	539	769	0.01%	0.004%
82	12.616	1806	1809	1814	rVB3	2599	3906	0.06%	0.020%
83	12.701	1816	1823	1831	rVB	224830	370113	5.53%	1.921%
84	12.786	1835	1837	1838	rBV2	517	449	0.01%	0.002%
85	13.085	1884	1886	1888	rBV3	570	517	0.01%	0.003%
86	13.243	1910	1912	1914	rVB2	685	533	0.01%	0.003%
87	13.268	1914	1916	1920	rVB3	427	515	0.01%	0.003%
88	13.451	1944	1946	1947	rBV2	585	605	0.01%	0.003%
89	13.481	1947	1951	1955	rVV6	3371	5478	0.08%	0.028%
90	13.567	1958	1965	1974	rVB	612038	948284	14.16%	4.921%
91	13.859	2006	2013	2021	rBV	519094	865362	12.92%	4.491%
92	14.030	2037	2041	2044	rBV5	698	1270	0.02%	0.007%
93	14.085	2045	2050	2055	rVB2	8283	13957	0.21%	0.072%
94	14.237	2071	2075	2081	rBV5	1823	3188	0.05%	0.017%
95	14.335	2085	2091	2098	rBV6	6981	11843	0.18%	0.061%
96	14.536	2122	2124	2130	rVB4	1571	1584	0.02%	0.008%
97	14.579	2130	2131	2133	rVB2	641	403	0.01%	0.002%
98	14.609	2133	2136	2137	rBV2	700	703	0.01%	0.004%
99	15.133	2220	2222	2225	rBV3	624	725	0.01%	0.004%
100	15.511	2282	2284	2289	rVB3	2508	3211	0.05%	0.017%

Sum of corrected areas: 19269557

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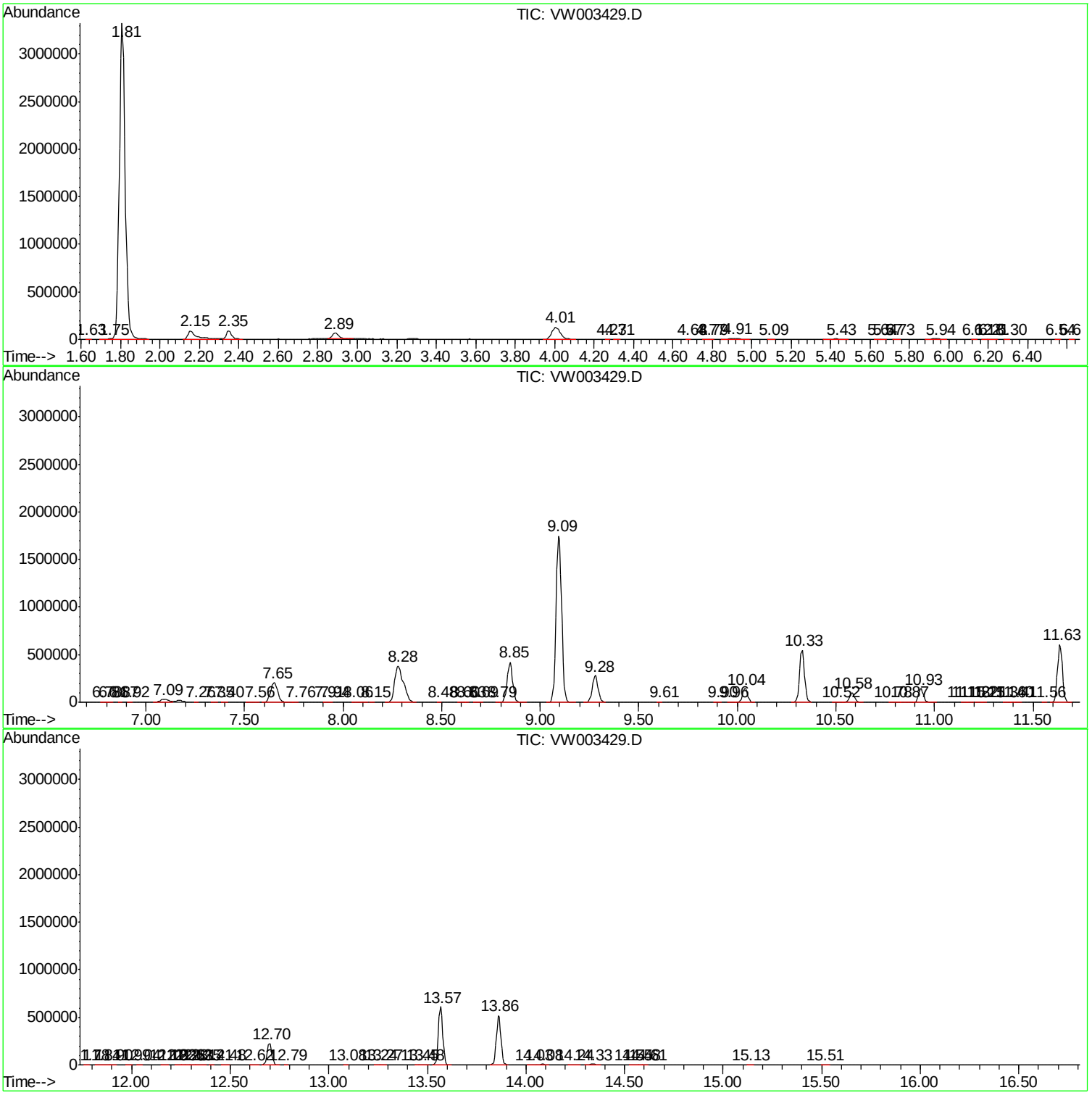
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ59

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

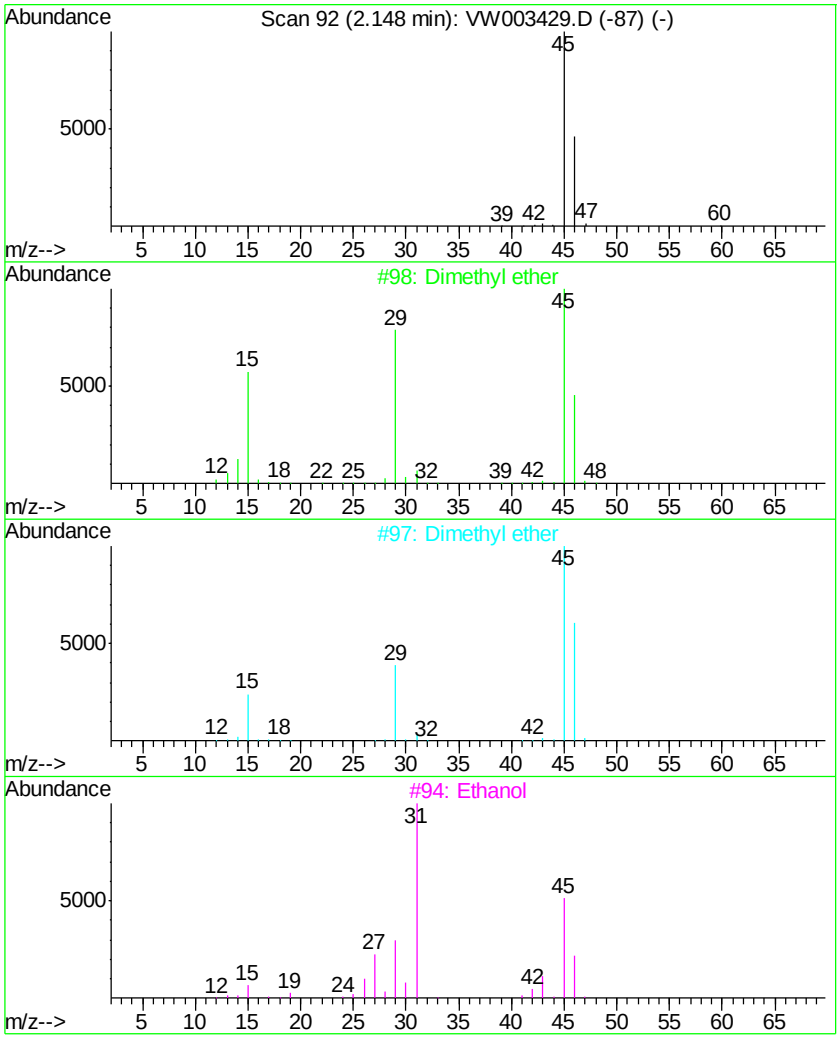
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

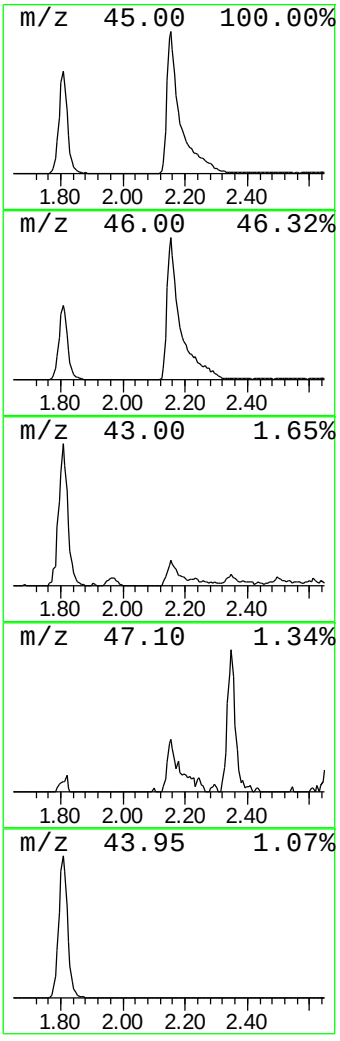
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	8.54 ug/L	281421	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	Ethanol	46	C2H6O	000064-17-5	7
4	Formic acid	46	CH2O2	000064-18-6	7
5	Ethanol	46	C2H6O	000064-17-5	7





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	8.5	ug/L	281421	1	8.85	823508	25.0