LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
Data File : VW013965.D
Acq On : 11 Nov 2019 17:59
Operator : SY/VA
Sample : K5784-02
Misc : 5.11G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA9

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\SOM2WLM111119S.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	2.154	36	41	59	rBV	55679	148925	10.88%	1.670%
2	2.349	67	73	82	rBV	85363	158728	11.59%	1.780%
3	2.885	154	161	175	rVB	64533	158857	11.60%	1.781%
4	3.367	238	240	243	rVB3	651	656	0.05%	0.007%
5	3.721	297	298	302	rVB	362	283	0.02%	0.003%
6	3.836	316	317	321	rVB2	307	260	0.02%	0.003%
7	4.013	334	346	359	rBV	145686	471619	34.45%	5.288%
8	4.208	377	378	381	rBV3	427	359	0.03%	0.004%
9	4.361	399	403	404	rBV3	374	391	0.03%	0.004%
10	4.653	449	451	452	rVB2	396	266	0.02%	0.003%
11	4.684	454	456	459	rBV3	400	348	0.03%	0.004%
12	4.751	465	467	472	rVB2	374	409	0.03%	0.005%
13	4.800	472	475	478	rBV3	318	505	0.04%	0.006%
14	4.922	485	495	511	rVB2	6081	22433	1.64%	0.252%
15	5.025	511	512	515	rBV	333	257	0.02%	0.003%
16	5.104	524	525	527	rBV2	340	285	0.02%	0.003%
17	5.519	591	593	595	rBV2	295	294	0.02%	0.003%
18	5.598	605	606	608	rBV	294	264	0.02%	0.003%
19	5.867	647	650	651	rBV	305	339	0.02%	0.004%
20	5.940	655	662	670	rVB4	1777	4782	0.35%	0.054%
21	6.501	749	754	756	rBV2	295	391	0.03%	0.004%
22	6.555	760	763	765	rVV2	266	267	0.02%	0.003%
23	6.714	785	789	792	rBV2	249	445	0.03%	0.005%
24	6.781	798	800	803	rBV2	293	360	0.03%	0.004%
25	7.074	836	848	854	rBV	44369	122070	8.92%	1.369%
26	7.287	880	883	884	rVB3	315	259	0.02%	0.003%
27	7.354	892	894	898	rVB3	410	310	0.02%	0.003%
28	7.415	900	904	905	rVB2	394	475	0.03%	0.005%
29	7.427	905	906	909	rBV	440	436	0.03%	0.005%
30	7.488	915	916	918	rBV	539	326	0.02%	0.004%
31	7.647	931	942	953	rBV	226752	557292	40.71%	6.248%
32	7.878	977	980	982	rVB2	278	310	0.02%	0.003%
33	7.939	986	990	992	rBV2	574	924	0.07%	0.010%
34	8.049	1005	1008	1009	rBV	489	320	0.02%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA9

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\SOM2WLM111119S.M
Title : VOC Analysis

35	8.080	1009	1013	1015	rBV	358	535	0.04%	0.006%
36	8.275	1032	1045	1061	rBV2	457965	1368956	100.00%	15.349%
37	8.695	1110	1114	1121	rBV5	1002	2285	0.17%	0.026%
38	8.842	1129	1138	1147	rBV	327299	656960	47.99%	7.366%
39	8.939	1153	1154	1157	rVB3	367	281	0.02%	0.003%
40	9.031	1166	1169	1172	rBV	249	284	0.02%	0.003%
41	9.079	1172	1177	1185	rBV7	1898	3975	0.29%	0.045%
42	9.195	1194	1196	1199	rBV2	309	367	0.03%	0.004%
43	9.274	1200	1209	1226	rVV	304567	640924	46.82%	7.186%
44	9.384	1226	1227	1232	rVB2	494	492	0.04%	0.006%
45	9.494	1241	1245	1251	rVB2	282	458	0.03%	0.005%
46	9.591	1254	1261	1264	rBV2	604	971	0.07%	0.011%
47	9.665	1268	1273	1278	rBV3	1486	2821	0.21%	0.032%
48	9.945	1318	1319	1322	rBV2	253	272	0.02%	0.003%
49	10.030	1326	1333	1344	rBV	162275	292567	21.37%	3.280%
50	10.213	1359	1363	1368	rBV4	753	1280	0.09%	0.014%
51	10.323	1372	1381	1388	rBV	674320	1173163	85.70%	13.154%
52	10.500	1407	1410	1414	rVB3	1463	1984	0.14%	0.022%
53	10.573	1415	1422	1432	rBV	98615	175181	12.80%	1.964%
54	10.664	1435	1437	1438	rBV	845	587	0.04%	0.007%
55	10.701	1438	1443	1450	rVB3	7396	12312	0.90%	0.138%
56	10.786	1456	1457	1459	rBV	332	284	0.02%	0.003%
57	10.860	1467	1469	1471	rVB	568	425	0.03%	0.005%
58	10.920	1471	1479	1489	rBV	175339	297506	21.73%	3.336%
59	11.061	1497	1502	1508	rVB3	7626	12681	0.93%	0.142%
60	11.134	1512	1514	1516	rBV2	303	281	0.02%	0.003%
61	11.170	1516	1520	1525	rVB4	773	1293	0.09%	0.014%
62	11.311	1539	1543	1545	rVB	387	484	0.04%	0.005%
63	11.420	1559	1561	1563	rBV2	326	406	0.03%	0.005%
64	11.439	1563	1564	1567	rVB2	791	587	0.04%	0.007%
65	11.628	1587	1595	1607	rBV	450065	754884	55.14%	8.464%
66	11.725	1607	1611	1620	rVB4	2358	4072	0.30%	0.046%
67	11.798	1620	1623	1624	rBV2	307	259	0.02%	0.003%
68	11.829	1624	1628	1636	rVB3	6220	11528	0.84%	0.129%
69	11.902	1638	1640	1641	rVB	495	275	0.02%	0.003%
70	11.926	1641	1644	1647	rBV2	289	331	0.02%	0.004%
71	11.981	1651	1653	1657	rBV2	399	598	0.04%	0.007%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA9

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\SOM2WLM111119S.M
Title : VOC Analysis

72	12.128	1673	1677	1678	rBV	357	333	0.02%	0.004%
73	12.170	1678	1684	1688	rBV4	2965	5386	0.39%	0.060%
74	12.384	1718	1719	1724	rBV2	321	407	0.03%	0.005%
75	12.463	1729	1732	1737	rVB3	1541	2001	0.15%	0.022%
76	12.512	1737	1740	1743	rBV	406	554	0.04%	0.006%
77	12.609	1750	1756	1762	rBV2	7201	11938	0.87%	0.134%
78	12.688	1762	1769	1777	rVV	232175	383144	27.99%	4.296%
79	12.756	1777	1780	1785	rVB5	1759	2464	0.18%	0.028%
80	12.865	1794	1798	1801	rVV4	1444	2238	0.16%	0.025%
81	12.926	1801	1808	1816	rVB5	6362	14239	1.04%	0.160%
82	12.993	1817	1819	1821	rVB2	614	481	0.04%	0.005%
83	13.048	1823	1828	1832	rBV5	1580	2374	0.17%	0.027%
84	13.085	1832	1834	1835	rBV	587	334	0.02%	0.004%
85	13.152	1841	1845	1846	rBV2	400	344	0.03%	0.004%
86	13.201	1849	1853	1856	rBV3	836	1216	0.09%	0.014%
87	13.255	1856	1862	1864	rBV4	3414	5800	0.42%	0.065%
88	13.438	1890	1892	1893	rBV	448	354	0.03%	0.004%
89	13.499	1893	1902	1905	rVV6	4561	10294	0.75%	0.115%
90	13.560	1905	1912	1923	rVB	392154	664862	48.57%	7.454%
91	13.646	1923	1926	1930	rBV4	1307	1545	0.11%	0.017%
92	13.786	1948	1949	1951	rBV	783	631	0.05%	0.007%
93	13.853	1953	1960	1971	rVB	417508	690756	50.46%	7.745%
94	13.987	1980	1982	1985	rBV3	683	983	0.07%	0.011%
95	14.072	1991	1996	2004	rVB2	8290	15974	1.17%	0.179%
96	14.194	2013	2016	2020	rBV3	981	1582	0.12%	0.018%
97	14.780	2110	2112	2115	rBV3	981	952	0.07%	0.011%
98	15.438	2216	2220	2224	rBV2	5898	8768	0.64%	0.098%
99	15.493	2226	2229	2235	rVB	7249	11440	0.84%	0.128%
100	16.035	2316	2318	2319	rBV2	919	598	0.04%	0.007%

Sum of corrected areas: 8918986

LSC Report - Integrated Chromatogram

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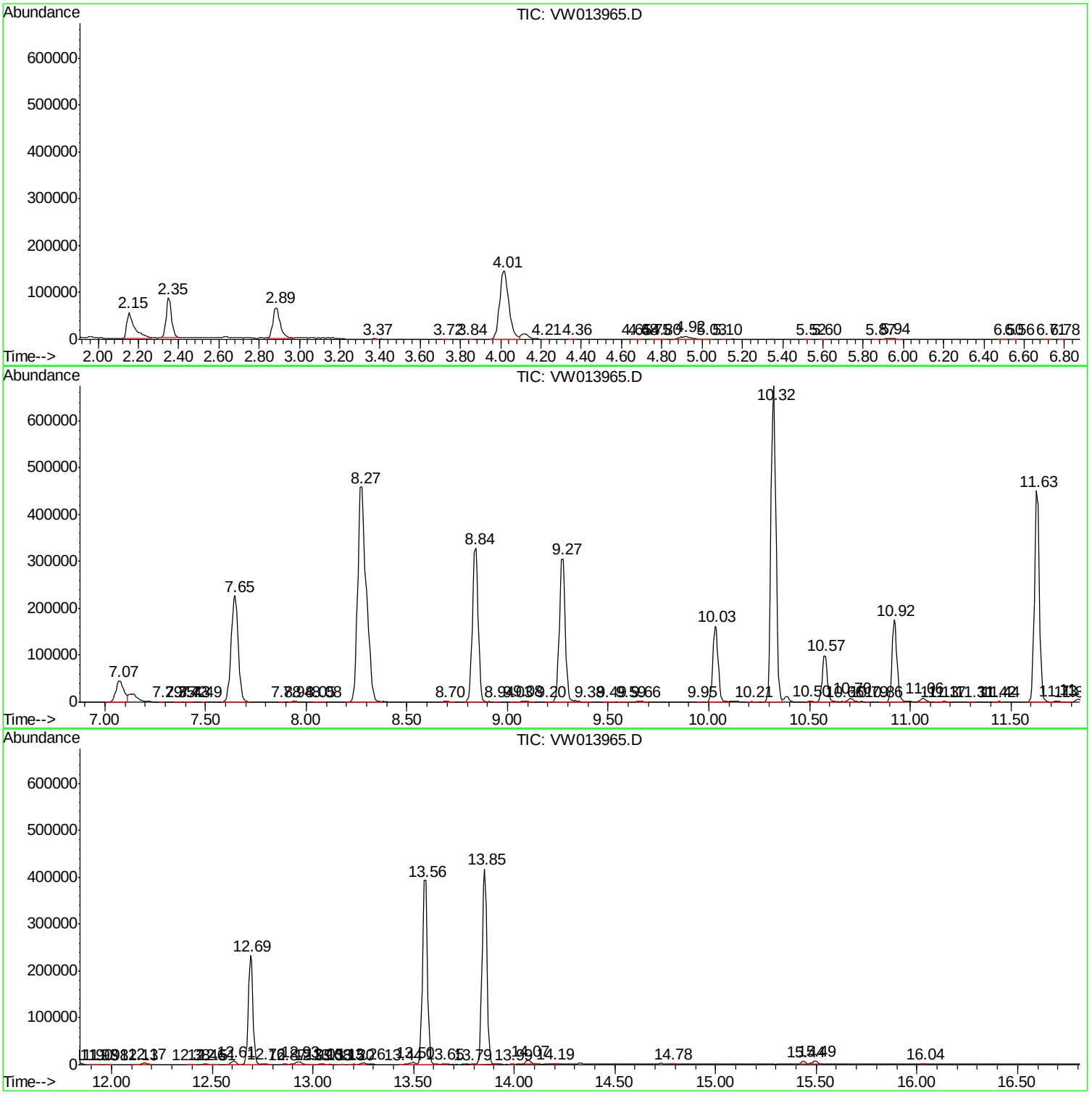
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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\VW111119\
Data File : VW013965.D
Acq On : 11 Nov 2019 17:59
Operator : SY/VA
Sample : K5784-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

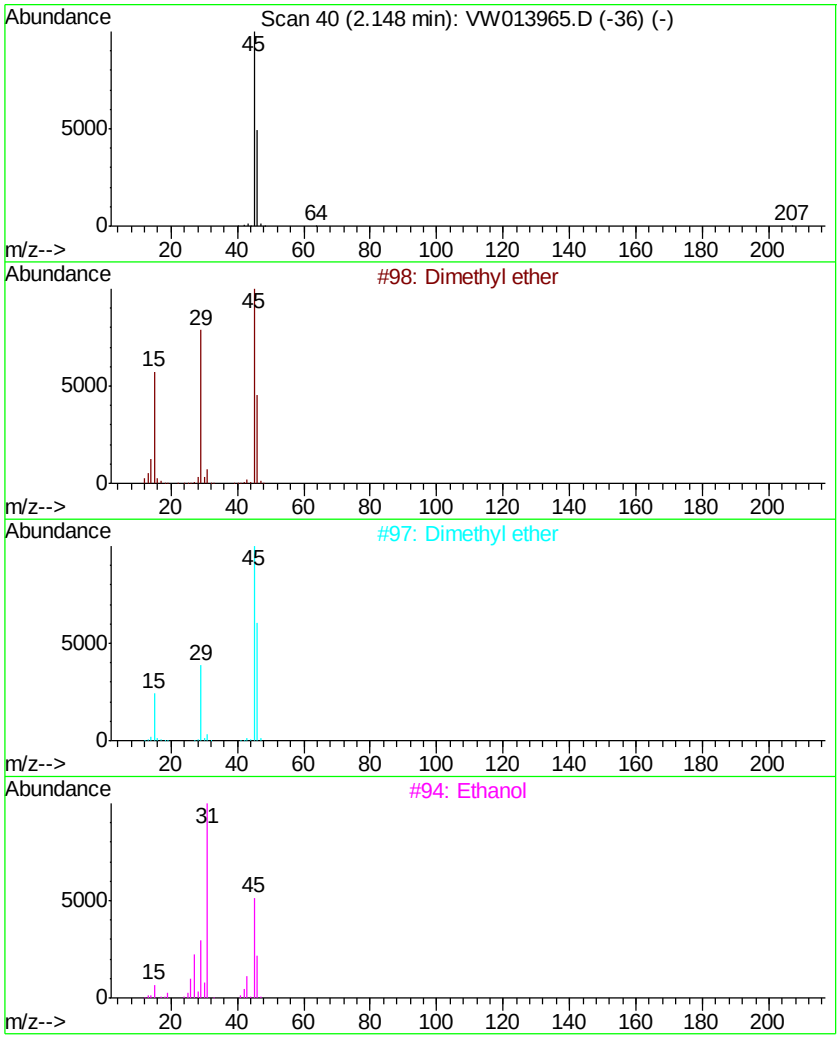
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

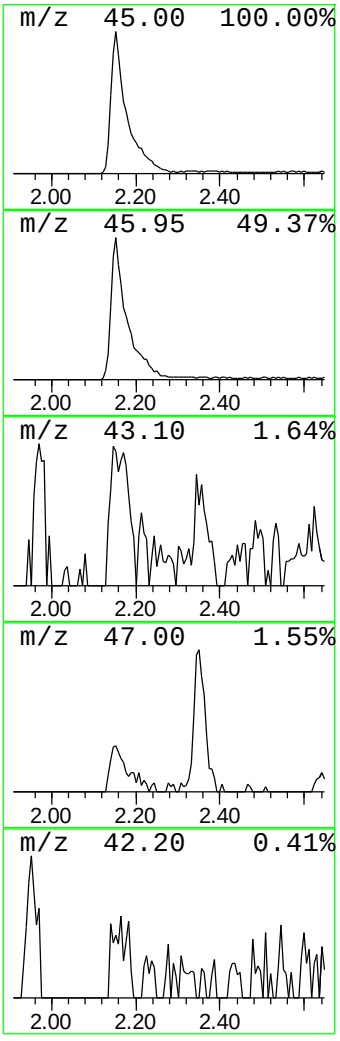
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	5.67 ug/L	148925	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	9
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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	5.7	ug/L	148925	1	8.84	656960	25.0