LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
Data File : VW023255.D
Acq On : 23 May 2022 17:12
Operator : SY/VA
Sample : VIBLK476
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK476

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\SFAMWLM050222SMA.M
Title : SFAM01.0

Signal : TIC: VW023255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	49	rBV	31202	64317	5.73%	0.766%
2	2.349	68	73	84	rBV	113964	194143	17.29%	2.312%
3	2.879	156	160	170	rVB	64999	132439	11.79%	1.577%
4	3.538	266	268	271	rBV3	1129	1793	0.16%	0.021%
5	3.623	280	282	284	rBV3	1803	1389	0.12%	0.017%
6	3.684	291	292	295	rBV3	1171	1152	0.10%	0.014%
7	3.739	299	301	303	rBV2	1072	559	0.05%	0.007%
8	3.897	325	327	328	rBV	956	604	0.05%	0.007%
9	3.916	328	330	332	rBV2	904	959	0.09%	0.011%
10	4.013	335	346	362	rBV	102471	338957	30.18%	4.037%
11	4.367	403	404	406	rBV2	998	594	0.05%	0.007%
12	4.397	406	409	412	rBV4	1835	2447	0.22%	0.029%
13	4.428	412	414	416	rVV3	985	693	0.06%	0.008%
14	4.538	429	432	438	rBV7	1472	2374	0.21%	0.028%
15	4.580	438	439	442	rVB3	1309	1042	0.09%	0.012%
16	4.836	479	481	482	rBV2	872	778	0.07%	0.009%
17	4.922	482	495	509	rVV2	14031	53533	4.77%	0.638%
18	5.062	515	518	519	rBV3	976	694	0.06%	0.008%
19	5.251	546	549	550	rBV3	586	813	0.07%	0.010%
20	5.318	559	560	562	rVB2	1259	742	0.07%	0.009%
21	5.342	562	564	566	rVB3	1006	708	0.06%	0.008%
22	5.373	566	569	571	rBV4	1076	1259	0.11%	0.015%
23	5.550	596	598	600	rBV3	776	726	0.06%	0.009%
24	5.629	609	611	614	rVB4	656	625	0.06%	0.007%
25	5.665	616	617	620	rVB3	1043	1020	0.09%	0.012%
26	5.696	620	622	623	rBV2	1126	991	0.09%	0.012%
27	5.854	645	648	649	rBV3	602	547	0.05%	0.007%
28	5.934	653	661	668	rBV8	6963	19354	1.72%	0.231%
29	6.147	695	696	698	rBV2	760	578	0.05%	0.007%
30	6.245	710	712	716	rBV4	597	866	0.08%	0.010%
31	6.348	726	729	731	rBV3	1070	1440	0.13%	0.017%
32	6.470	746	749	751	rBV3	1440	1631	0.15%	0.019%
33	6.519	755	757	758	rBV2	937	555	0.05%	0.007%
34	6.598	768	770	775	rVB6	738	1050	0.09%	0.013%
35	6.684	782	784	785	rBV	809	664	0.06%	0.008%
36	6.854	811	812	815	rVB3	886	654	0.06%	0.008%

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Instrument :
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ClientSampleId :
VIBLK476

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\SFAMWLM050222SMA.M
Title : SFAM01.0

37	6.885	815	817	819	rBV3	1162	1091	0.10%	0.013%
38	6.952	827	828	831	rBV3	712	730	0.07%	0.009%
39	7.080	841	849	855	rBV	33238	92309	8.22%	1.099%
40	7.232	872	874	877	rBV4	1401	1474	0.13%	0.018%
41	7.433	904	907	909	rBV4	876	1116	0.10%	0.013%
42	7.543	923	925	929	rBV5	1288	1412	0.13%	0.017%
43	7.647	933	942	954	rVB	189603	456687	40.67%	5.440%
44	8.049	1006	1008	1009	rBV2	1154	875	0.08%	0.010%
45	8.080	1012	1013	1017	rVB4	767	860	0.08%	0.010%
46	8.189	1029	1031	1032	rBV2	1086	879	0.08%	0.010%
47	8.275	1033	1045	1060	rVV2	373151	1123016	100.00%	13.376%
48	8.616	1099	1101	1105	rBV5	1082	1550	0.14%	0.018%
49	8.695	1110	1114	1117	rBV5	1047	1505	0.13%	0.018%
50	8.842	1128	1138	1150	rBV	335579	671065	59.76%	7.993%
51	9.275	1201	1209	1220	rVB	249303	491012	43.72%	5.848%
52	9.396	1226	1229	1232	rVB5	1727	2136	0.19%	0.025%
53	9.482	1241	1243	1246	rBV4	931	1063	0.09%	0.013%
54	9.555	1253	1255	1256	rBV2	954	708	0.06%	0.008%
55	9.646	1267	1270	1273	rBV4	1777	2792	0.25%	0.033%
56	9.707	1278	1280	1281	rVB2	879	527	0.05%	0.006%
57	9.744	1284	1286	1287	rBV2	1135	761	0.07%	0.009%
58	9.811	1295	1297	1300	rBV2	680	745	0.07%	0.009%
59	9.982	1324	1325	1326	rBV	1086	576	0.05%	0.007%
60	10.037	1326	1334	1343	rVV	129674	239140	21.29%	2.848%
61	10.213	1359	1363	1364	rBV4	1967	2954	0.26%	0.035%
62	10.323	1373	1381	1389	rBV	554653	941699	83.85%	11.216%
63	10.573	1416	1422	1436	rVB	85356	153545	13.67%	1.829%
64	10.701	1436	1443	1448	rBV	25395	45785	4.08%	0.545%
65	10.756	1450	1452	1456	rVV5	1373	1170	0.10%	0.014%
66	10.927	1473	1480	1490	rBV	130561	229156	20.41%	2.729%
67	11.061	1498	1502	1514	rVB3	14102	25935	2.31%	0.309%
68	11.366	1550	1552	1555	rBV4	979	1054	0.09%	0.013%
69	11.396	1555	1557	1558	rVV2	2147	1744	0.16%	0.021%
70	11.439	1560	1564	1569	rVB3	8893	14913	1.33%	0.178%
71	11.506	1573	1575	1576	rBV3	802	665	0.06%	0.008%
72	11.542	1579	1581	1584	rBV4	545	514	0.05%	0.006%
73	11.628	1586	1595	1606	rBV	515521	876623	78.06%	10.441%
74	11.981	1650	1653	1656	rBV5	1112	1373	0.12%	0.016%
75	12.128	1675	1677	1678	rVB	1191	610	0.05%	0.007%
76	12.158	1681	1682	1684	rBV2	1193	964	0.09%	0.011%

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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Title : SFAM01.0

77	12.231	1692	1694	1695	rBV2	1416	736	0.07%	0.009%
78	12.347	1708	1713	1715	rBV4	1216	2050	0.18%	0.024%
79	12.372	1715	1717	1719	rBV3	602	625	0.06%	0.007%
80	12.469	1729	1733	1735	rBV5	1855	2579	0.23%	0.031%
81	12.603	1748	1755	1762	rVB5	14502	29477	2.62%	0.351%
82	12.689	1763	1769	1777	rVB	217230	367462	32.72%	4.377%
83	12.835	1791	1793	1794	rVB2	1237	568	0.05%	0.007%
84	12.926	1806	1808	1814	rBV7	2617	3810	0.34%	0.045%
85	13.188	1848	1851	1857	rVB4	3277	4922	0.44%	0.059%
86	13.353	1876	1878	1879	rBV2	1234	904	0.08%	0.011%
87	13.469	1891	1897	1900	rBV7	2047	4171	0.37%	0.050%
88	13.554	1905	1911	1918	rVV	570547	904227	80.52%	10.770%
89	13.853	1953	1960	1969	rVB	483800	815745	72.64%	9.716%
90	14.072	1991	1996	1998	rVB2	3981	6344	0.56%	0.076%
91	14.322	2031	2037	2039	rBV7	2775	4145	0.37%	0.049%
92	14.627	2086	2087	2089	rBV2	830	828	0.07%	0.010%
93	15.334	2202	2203	2204	rBV	1542	682	0.06%	0.008%
94	15.432	2214	2219	2225	rVB3	8916	14883	1.33%	0.177%
95	15.475	2225	2226	2229	rBV2	1015	1008	0.09%	0.012%
96	16.151	2334	2337	2339	rBV4	1317	1591	0.14%	0.019%
97	16.383	2373	2375	2378	rBV4	1177	1193	0.11%	0.014%
98	16.572	2404	2406	2408	rBV2	981	626	0.06%	0.007%
99	16.596	2408	2410	2414	rVB5	1098	730	0.07%	0.009%
100	16.651	2417	2419	2420	rBV2	1212	969	0.09%	0.012%

Sum of corrected areas: 8395698

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ClientSampleId :
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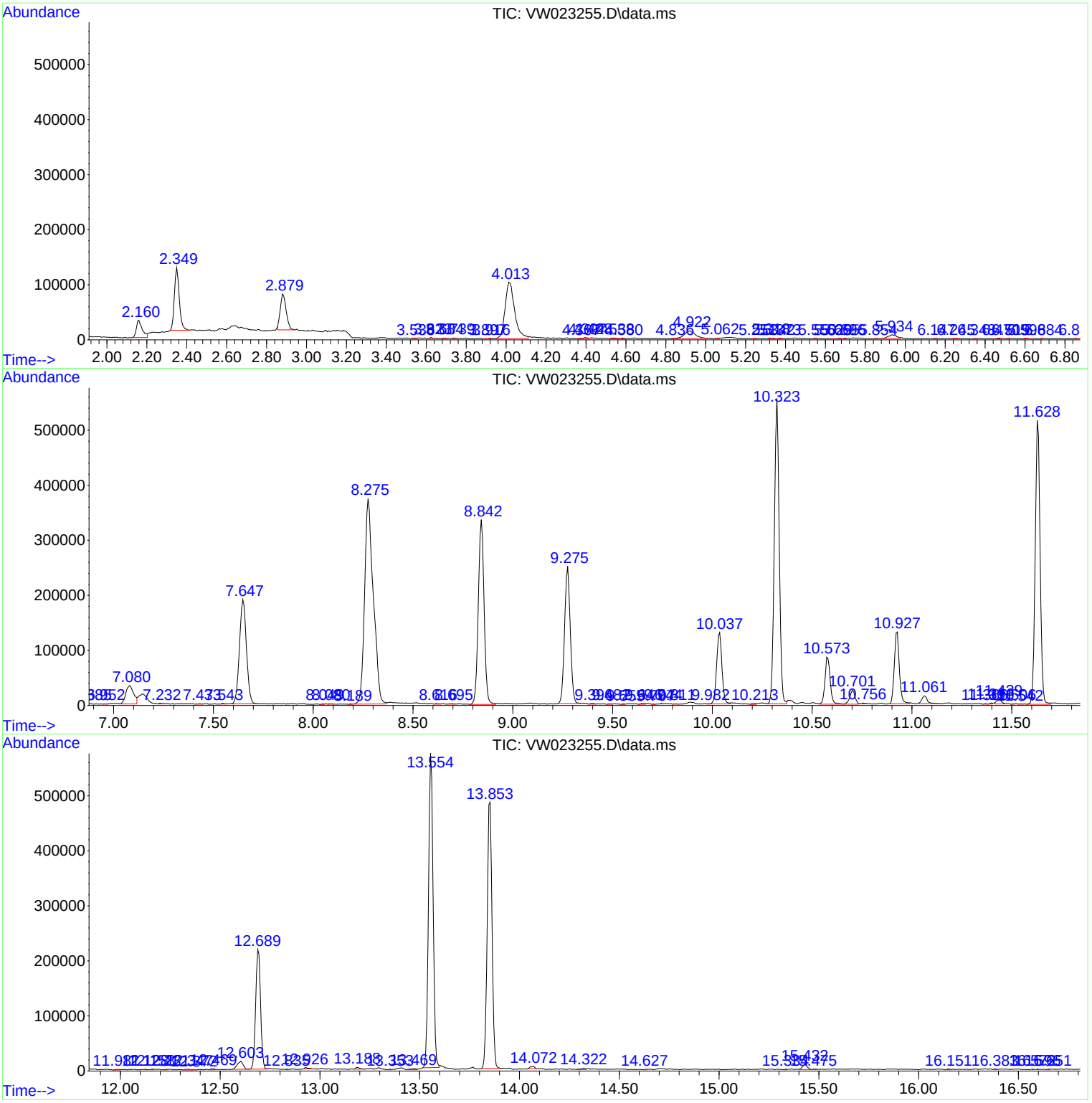
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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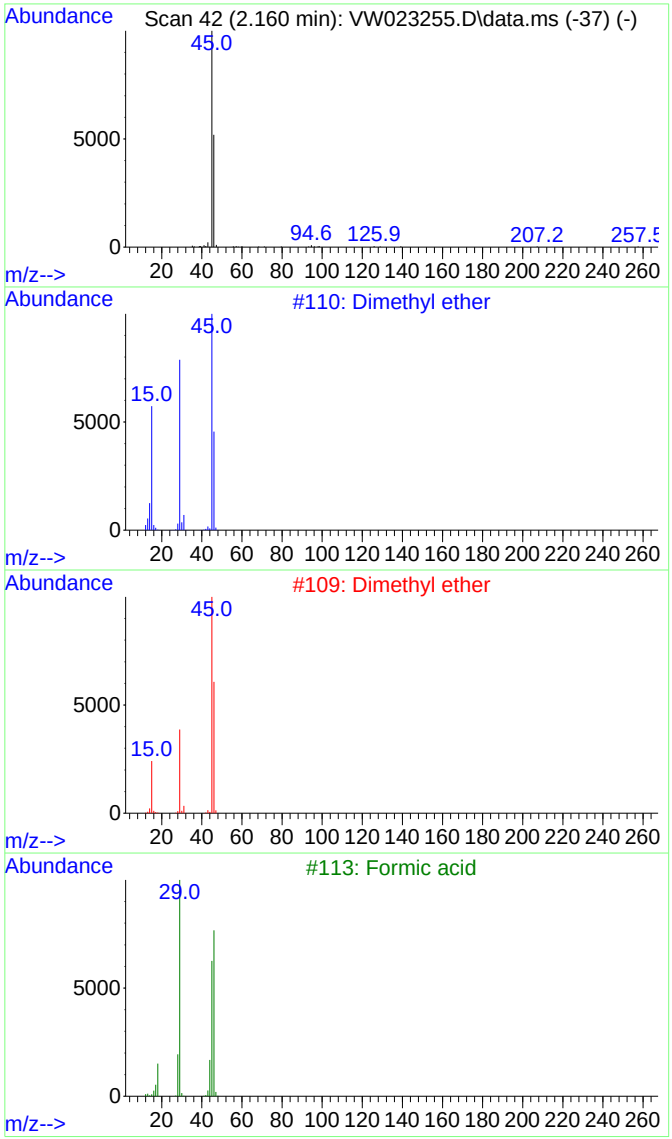
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

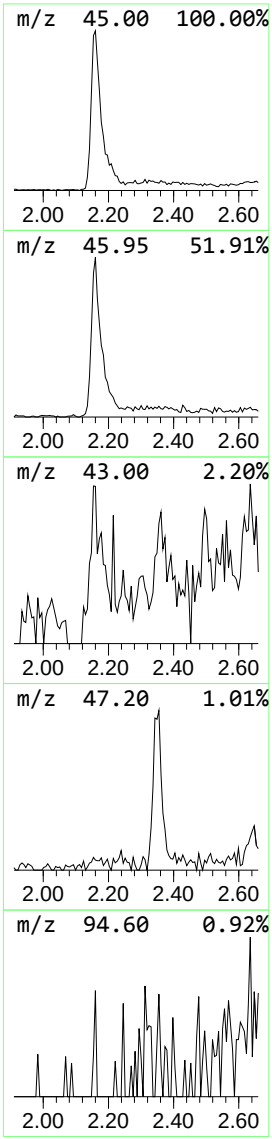
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	2.40 ug/L	64317	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	56
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Formic acid	46	CH2O2	000064-18-6	7
4	Dimethyl ether	46	C2H6O	000115-10-6	5
5	1-Propanol, 2,3-difluoro-	96	C3H6F2O	1000460-73-1	5





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.160	2.4	ug/L	64317	1	8.842	671065	25.0