

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018774.D
 Acq On : 26 Apr 2021 12:23
 Operator : SY/VA
 Sample : M2121-16
 Misc : 3.47G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG503

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	67	rBV	69844	201439	12.54%	1.500%
2	2.361	69	75	84	rVB	82135	167681	10.44%	1.249%
3	2.891	155	162	177	rVB	69041	175411	10.92%	1.307%
4	3.385	240	243	250	rVB4	672	1390	0.09%	0.010%
5	3.538	264	268	270	rBV2	782	1314	0.08%	0.010%
6	3.903	326	328	332	rVB3	705	924	0.06%	0.007%
7	4.019	336	347	360	rBV	128252	396731	24.70%	2.955%
8	4.129	360	365	373	rVB	6327	16554	1.03%	0.123%
9	4.391	396	408	431	rBV3	29274	129101	8.04%	0.962%
10	4.611	440	444	446	rBV3	610	823	0.05%	0.006%
11	4.915	482	494	511	rBV2	54138	192243	11.97%	1.432%
12	5.104	520	525	526	rBV2	848	1138	0.07%	0.008%
13	5.153	530	533	534	rBV2	795	737	0.05%	0.005%
14	5.434	575	579	583	rVB4	569	961	0.06%	0.007%
15	5.769	627	634	636	rBV5	798	1193	0.07%	0.009%
16	5.940	652	662	673	rVV2	11998	37159	2.31%	0.277%
17	6.714	785	789	793	rVB2	423	684	0.04%	0.005%
18	6.915	815	822	826	rBV4	1284	3021	0.19%	0.023%
19	6.988	832	834	837	rVB3	566	652	0.04%	0.005%
20	7.080	839	849	854	rBV	58942	167910	10.45%	1.251%
21	7.647	931	942	955	rBV	303648	728676	45.36%	5.428%
22	7.951	987	992	998	rBV5	1095	2406	0.15%	0.018%
23	8.275	1033	1045	1060	rBV2	496792	1567512	97.57%	11.676%
24	8.555	1088	1091	1094	rBV4	612	756	0.05%	0.006%
25	8.689	1108	1113	1119	rBV3	1175	2356	0.15%	0.018%
26	8.841	1129	1138	1151	rBV	711231	1400613	87.18%	10.433%
27	9.037	1164	1170	1174	rBV2	7036	14528	0.90%	0.108%
28	9.201	1193	1197	1198	rBV4	551	676	0.04%	0.005%
29	9.274	1200	1209	1219	rBV	388986	795781	49.54%	5.928%
30	9.488	1242	1244	1252	rVB5	493	822	0.05%	0.006%
31	9.665	1267	1273	1279	rBV5	1987	4317	0.27%	0.032%
32	9.762	1281	1289	1293	rBV7	1208	2947	0.18%	0.022%
33	9.884	1305	1309	1317	rVB3	2925	5881	0.37%	0.044%
34	10.036	1326	1334	1344	rBV	194511	359910	22.40%	2.681%
35	10.116	1344	1347	1354	rVB4	802	1545	0.10%	0.012%
36	10.207	1357	1362	1367	rBV2	6132	11393	0.71%	0.085%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

37	10.323	1373	1381	1388	rBV	628866	1106423	68.87%	8.241%
38	10.390	1388	1392	1400	rVB	12088	22701	1.41%	0.169%
39	10.506	1405	1411	1416	rVB9	1238	2772	0.17%	0.021%
40	10.579	1416	1423	1431	rBV	127563	222725	13.86%	1.659%
41	10.707	1437	1444	1450	rVB2	31321	56945	3.54%	0.424%
42	10.780	1452	1456	1458	rBV4	912	1388	0.09%	0.010%
43	10.859	1462	1469	1473	rBV5	6318	10982	0.68%	0.082%
44	10.926	1473	1480	1492	rVV	219351	379099	23.60%	2.824%
45	11.067	1497	1503	1509	rVV	21466	37195	2.32%	0.277%
46	11.170	1517	1520	1523	rBV3	1257	1486	0.09%	0.011%
47	11.402	1556	1558	1559	rVV	891	681	0.04%	0.005%
48	11.439	1559	1564	1571	rVB2	15620	26463	1.65%	0.197%
49	11.634	1587	1596	1608	rBV	941253	1606484	100.00%	11.966%
50	11.731	1608	1612	1616	rVB2	2505	3804	0.24%	0.028%
51	11.841	1623	1630	1640	rBV6	4100	9601	0.60%	0.072%
52	12.024	1656	1660	1663	rBV4	492	912	0.06%	0.007%
53	12.170	1676	1684	1693	rVV4	4214	9553	0.59%	0.071%
54	12.237	1693	1695	1699	rVV4	765	996	0.06%	0.007%
55	12.341	1708	1712	1715	rVB5	1184	1711	0.11%	0.013%
56	12.463	1727	1732	1735	rBV6	1647	2822	0.18%	0.021%
57	12.609	1746	1756	1762	rBV	46877	83290	5.18%	0.620%
58	12.694	1762	1770	1776	rBV	343353	577586	35.95%	4.302%
59	12.755	1776	1780	1785	rVB2	3893	6416	0.40%	0.048%
60	12.932	1804	1809	1812	rBV2	13117	21850	1.36%	0.163%
61	13.030	1822	1825	1830	rBV4	1424	2024	0.13%	0.015%
62	13.079	1830	1833	1836	rVB3	1383	1761	0.11%	0.013%
63	13.188	1844	1851	1857	rBV2	3678	7645	0.48%	0.057%
64	13.255	1857	1862	1864	rVV4	2672	4146	0.26%	0.031%
65	13.292	1864	1868	1876	rVB2	12971	23110	1.44%	0.172%
66	13.408	1876	1887	1891	rBV7	6084	14381	0.90%	0.107%
67	13.469	1893	1897	1899	rBV4	3541	5167	0.32%	0.038%
68	13.499	1900	1902	1905	rVV3	3127	3893	0.24%	0.029%
69	13.554	1905	1911	1923	rVB	887119	1457695	90.74%	10.858%
70	13.761	1940	1945	1949	rBV3	6418	10979	0.68%	0.082%
71	13.792	1949	1950	1953	rVB2	2765	2023	0.13%	0.015%
72	13.853	1953	1960	1966	rBV	663848	1084946	67.54%	8.081%
73	13.950	1973	1976	1983	rVB5	4181	6515	0.41%	0.049%
74	14.011	1983	1986	1990	rBV3	2616	4011	0.25%	0.030%
75	14.066	1990	1995	2005	rVB2	33994	54967	3.42%	0.409%
76	14.194	2012	2016	2017	rBV2	1889	2253	0.14%	0.017%

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Title : SFAM01.0

77	14.322	2030	2037	2041	rBV6	5606	10697	0.67%	0.080%
78	14.462	2059	2060	2062	rBV2	624	660	0.04%	0.005%
79	14.481	2062	2063	2064	rVV	1001	655	0.04%	0.005%
80	14.523	2065	2070	2076	rVV4	5609	9964	0.62%	0.074%
81	14.627	2083	2087	2092	rVV4	3212	5161	0.32%	0.038%
82	14.718	2098	2102	2108	rVV5	3123	4538	0.28%	0.034%
83	15.036	2150	2154	2158	rVB4	1057	1718	0.11%	0.013%
84	15.103	2158	2165	2166	rBV4	2458	3834	0.24%	0.029%
85	15.121	2166	2168	2174	rVV4	3404	6381	0.40%	0.048%
86	15.176	2174	2177	2181	rVV4	2271	3762	0.23%	0.028%
87	15.249	2185	2189	2197	rVB7	2421	4536	0.28%	0.034%
88	15.365	2203	2208	2210	rBV2	2842	3994	0.25%	0.030%
89	15.432	2214	2219	2224	rVV2	16950	29954	1.86%	0.223%
90	15.487	2224	2228	2234	rVV2	18953	35397	2.20%	0.264%
91	15.548	2234	2238	2242	rVB4	2841	5625	0.35%	0.042%
92	15.688	2256	2261	2266	rVB7	2626	5424	0.34%	0.040%
93	15.767	2268	2274	2276	rBV7	3155	6163	0.38%	0.046%
94	15.840	2283	2286	2290	rVB5	2176	2472	0.15%	0.018%
95	15.944	2299	2303	2304	rBV4	2122	2417	0.15%	0.018%
96	16.011	2312	2314	2316	rBV3	912	991	0.06%	0.007%
97	16.060	2319	2322	2324	rBV3	1367	1631	0.10%	0.012%
98	16.127	2332	2333	2335	rBV2	1007	752	0.05%	0.006%
99	16.273	2355	2357	2359	rBV3	1051	888	0.06%	0.007%
100	16.425	2380	2382	2385	rBV3	662	987	0.06%	0.007%

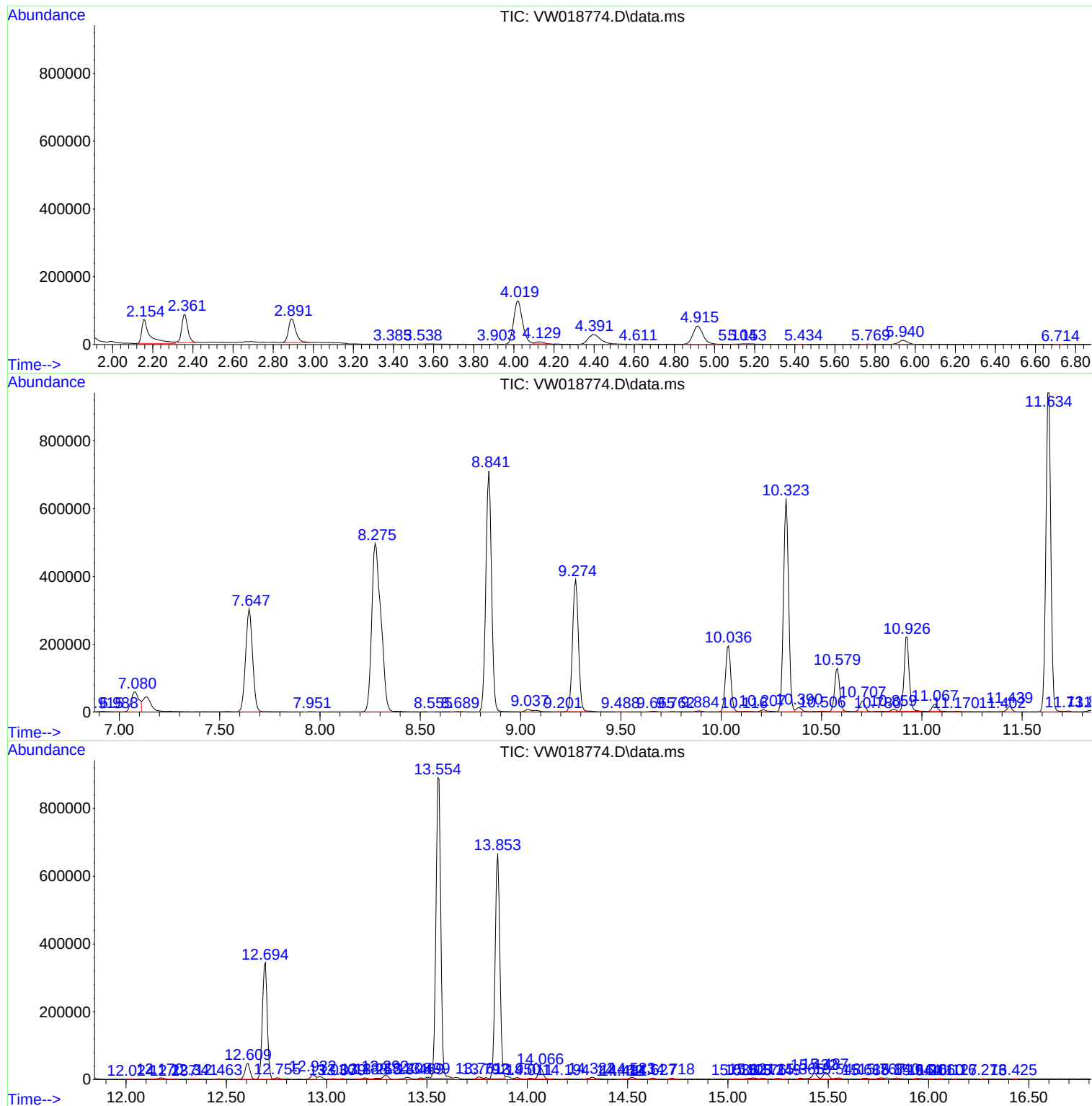
Sum of corrected areas: 13425187

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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



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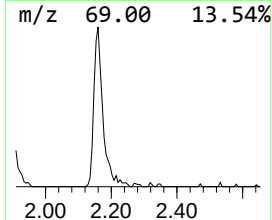
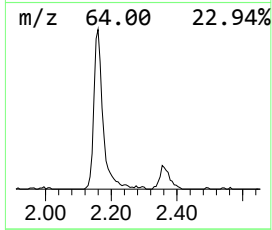
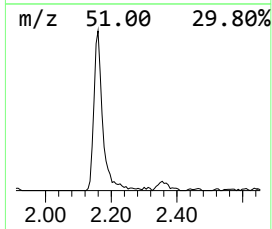
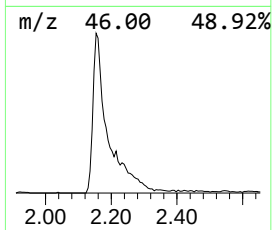
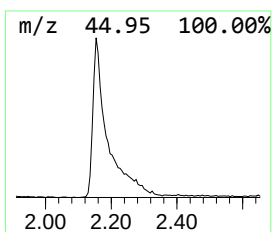
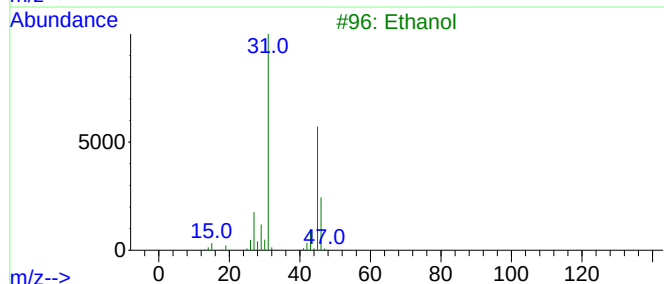
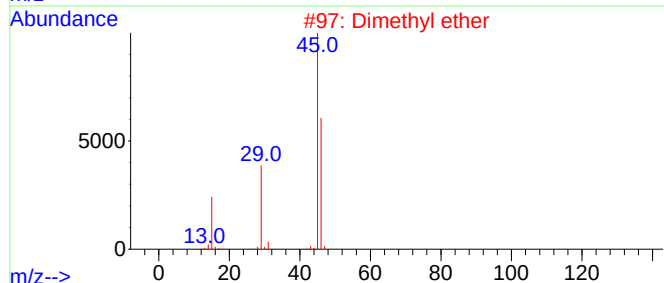
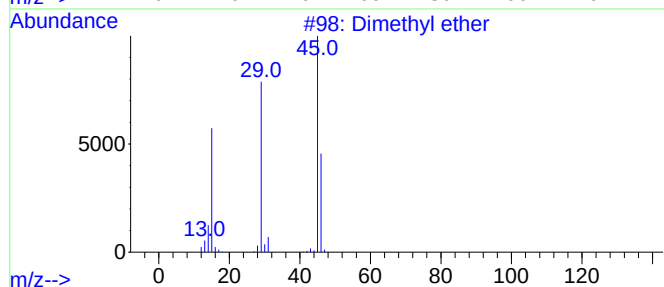
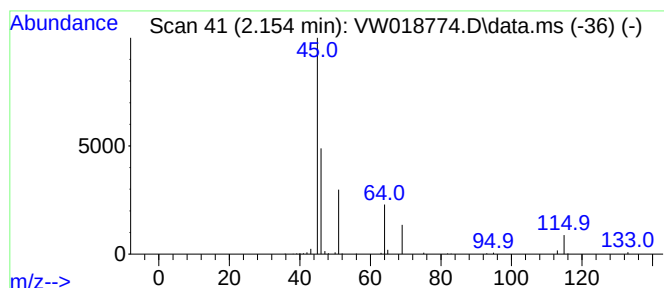
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

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.
2.154	3.60 ug/L	201439	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	40
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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	2.154	3.6	ug/L	201439	1	8.841	1400610	25.0