

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023189.D
 Acq On : 20 May 2022 11:20
 Operator : SY/VA
 Sample : N2883-10
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK001

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: VW023189.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	36	42	54	rBV	123385	295059	18.75%	2.711%
2	2.355	69	74	86	rVB	146024	252082	16.02%	2.316%
3	2.885	156	161	172	rVB	77065	160939	10.23%	1.479%
4	3.477	256	258	260	rBV3	807	627	0.04%	0.006%
5	3.714	295	297	300	rBV3	681	959	0.06%	0.009%
6	3.861	319	321	322	rBV2	1310	615	0.04%	0.006%
7	4.019	337	347	362	rBV	163359	474127	30.13%	4.356%
8	4.312	392	395	399	rBV4	1050	1479	0.09%	0.014%
9	4.391	399	408	420	rVV4	6688	23316	1.48%	0.214%
10	4.507	425	427	429	rBV3	855	708	0.04%	0.007%
11	4.690	455	457	459	rVV3	934	842	0.05%	0.008%
12	4.763	465	469	473	rVB6	1190	2339	0.15%	0.021%
13	4.836	476	481	483	rBV5	1820	2558	0.16%	0.024%
14	5.025	510	512	517	rBV6	1317	2235	0.14%	0.021%
15	5.117	517	527	528	rBV3	4962	9969	0.63%	0.092%
16	5.263	550	551	556	rBV4	1053	1704	0.11%	0.016%
17	5.324	559	561	563	rVB3	1026	715	0.05%	0.007%
18	5.647	612	614	616	rBV2	601	656	0.04%	0.006%
19	5.738	623	629	631	rBV6	2360	4656	0.30%	0.043%
20	5.860	648	649	652	rBV3	888	842	0.05%	0.008%
21	5.903	653	656	657	rVV2	1574	1722	0.11%	0.016%
22	5.933	657	661	670	rVB7	4352	12356	0.79%	0.114%
23	6.068	680	683	684	rVV3	637	529	0.03%	0.005%
24	6.086	684	686	689	rVV4	642	918	0.06%	0.008%
25	6.122	691	692	694	rVV2	1263	839	0.05%	0.008%
26	6.165	697	699	701	rVB3	819	546	0.03%	0.005%
27	6.196	701	704	706	rBV4	984	959	0.06%	0.009%
28	6.244	710	712	716	rBV4	739	985	0.06%	0.009%
29	6.293	718	720	724	rVB4	1217	1350	0.09%	0.012%
30	6.531	757	759	760	rVB2	891	593	0.04%	0.005%
31	6.549	760	762	764	rBV2	1126	1051	0.07%	0.010%
32	6.647	776	778	779	rBV	709	599	0.04%	0.006%
33	6.720	787	790	792	rBV4	618	660	0.04%	0.006%
34	6.805	802	804	806	rBV3	1105	1050	0.07%	0.010%
35	6.909	817	821	822	rBV2	1570	1891	0.12%	0.017%
36	7.000	831	836	838	rVB5	1084	1840	0.12%	0.017%

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 Title : SFAM01.0

37	7.080	838	849	853	rBV	37392	95352	6.06%	0.876%
38	7.519	919	921	922	rBV2	903	715	0.05%	0.007%
39	7.647	932	942	954	rBV	238859	585638	37.21%	5.381%
40	7.860	975	977	979	rBV2	950	641	0.04%	0.006%
41	8.018	1002	1003	1006	rVV2	1176	863	0.05%	0.008%
42	8.104	1014	1017	1018	rBV3	641	643	0.04%	0.006%
43	8.128	1018	1021	1022	rBV3	779	612	0.04%	0.006%
44	8.140	1022	1023	1027	rBV4	1060	1368	0.09%	0.013%
45	8.274	1032	1045	1061	rBV3	509536	1573827	100.00%	14.460%
46	8.683	1108	1112	1115	rBV4	1411	2186	0.14%	0.020%
47	8.738	1119	1121	1126	rVB4	975	1245	0.08%	0.011%
48	8.841	1126	1138	1151	rBV	408163	821626	52.21%	7.549%
49	9.274	1200	1209	1218	rBV	314270	628563	39.94%	5.775%
50	9.732	1283	1284	1285	rBV	1125	690	0.04%	0.006%
51	9.896	1303	1311	1318	rBV3	8525	18473	1.17%	0.170%
52	10.036	1326	1334	1341	rBV	158803	294996	18.74%	2.710%
53	10.207	1359	1362	1363	rBV3	2229	2389	0.15%	0.022%
54	10.323	1373	1381	1388	rBV	701917	1254195	79.69%	11.523%
55	10.433	1398	1399	1400	rBV	1439	868	0.06%	0.008%
56	10.506	1408	1411	1415	rVB5	3900	5684	0.36%	0.052%
57	10.579	1415	1423	1430	rBV2	103051	183713	11.67%	1.688%
58	10.707	1437	1444	1451	rVB3	41611	81167	5.16%	0.746%
59	10.762	1451	1453	1461	rVB8	2511	4558	0.29%	0.042%
60	10.847	1463	1467	1470	rBV6	3040	4889	0.31%	0.045%
61	10.920	1473	1479	1488	rBV	132540	231561	14.71%	2.128%
62	11.061	1497	1502	1510	rVB2	27358	46400	2.95%	0.426%
63	11.262	1532	1535	1541	rVB6	1133	2473	0.16%	0.023%
64	11.304	1541	1542	1544	rBV	765	759	0.05%	0.007%
65	11.365	1551	1552	1554	rBV2	747	505	0.03%	0.005%
66	11.402	1554	1558	1559	rVV4	1901	2804	0.18%	0.026%
67	11.439	1559	1564	1573	rVB3	20828	36699	2.33%	0.337%
68	11.567	1584	1585	1587	rVB2	1643	854	0.05%	0.008%
69	11.628	1587	1595	1603	rBV	604871	1032100	65.58%	9.483%
70	11.841	1623	1630	1633	rBV7	3708	7575	0.48%	0.070%
71	11.938	1644	1646	1650	rVB4	1115	1063	0.07%	0.010%
72	12.030	1659	1661	1662	rVB2	986	571	0.04%	0.005%
73	12.048	1662	1664	1670	rBV6	1242	2133	0.14%	0.020%
74	12.115	1672	1675	1677	rVV4	1285	1306	0.08%	0.012%
75	12.176	1680	1685	1691	rBV8	2084	4683	0.30%	0.043%
76	12.231	1691	1694	1699	rVB5	1298	2171	0.14%	0.020%

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 Title : SFAM01.0

77	12.280	1699	1702	1703	rBV3	544	530	0.03%	0.005%
78	12.469	1730	1733	1740	rVV7	2960	5015	0.32%	0.046%
79	12.603	1748	1755	1761	rBV2	35264	69860	4.44%	0.642%
80	12.688	1763	1769	1777	rBV	246157	413122	26.25%	3.796%
81	12.841	1792	1794	1795	rBV2	837	519	0.03%	0.005%
82	12.932	1805	1809	1819	rBV2	4272	11773	0.75%	0.108%
83	13.078	1830	1833	1837	rBV6	1570	2488	0.16%	0.023%
84	13.298	1864	1869	1874	rVB7	4895	9151	0.58%	0.084%
85	13.402	1879	1886	1892	rBV5	5934	11180	0.71%	0.103%
86	13.554	1904	1911	1918	rBV	668535	1069480	67.95%	9.826%
87	13.853	1953	1960	1972	rVB	632456	1036247	65.84%	9.521%
88	14.066	1990	1995	2000	rVB2	17328	26808	1.70%	0.246%
89	14.456	2057	2059	2061	rBV3	1221	1267	0.08%	0.012%
90	14.560	2075	2076	2078	rBV2	861	628	0.04%	0.006%
91	14.883	2127	2129	2130	rBV2	734	575	0.04%	0.005%
92	14.975	2140	2144	2147	rVB4	1016	1542	0.10%	0.014%
93	15.011	2147	2150	2151	rBV3	733	793	0.05%	0.007%
94	15.212	2181	2183	2184	rBV2	748	577	0.04%	0.005%
95	15.346	2203	2205	2207	rBV3	1204	1180	0.07%	0.011%
96	15.426	2215	2218	2225	rVB2	10221	15625	0.99%	0.144%
97	15.535	2235	2236	2237	rBV	952	654	0.04%	0.006%
98	15.724	2266	2267	2269	rBV2	1048	757	0.05%	0.007%
99	16.316	2363	2364	2365	rBV	1146	521	0.03%	0.005%
100	16.718	2429	2430	2432	rVB2	1254	683	0.04%	0.006%

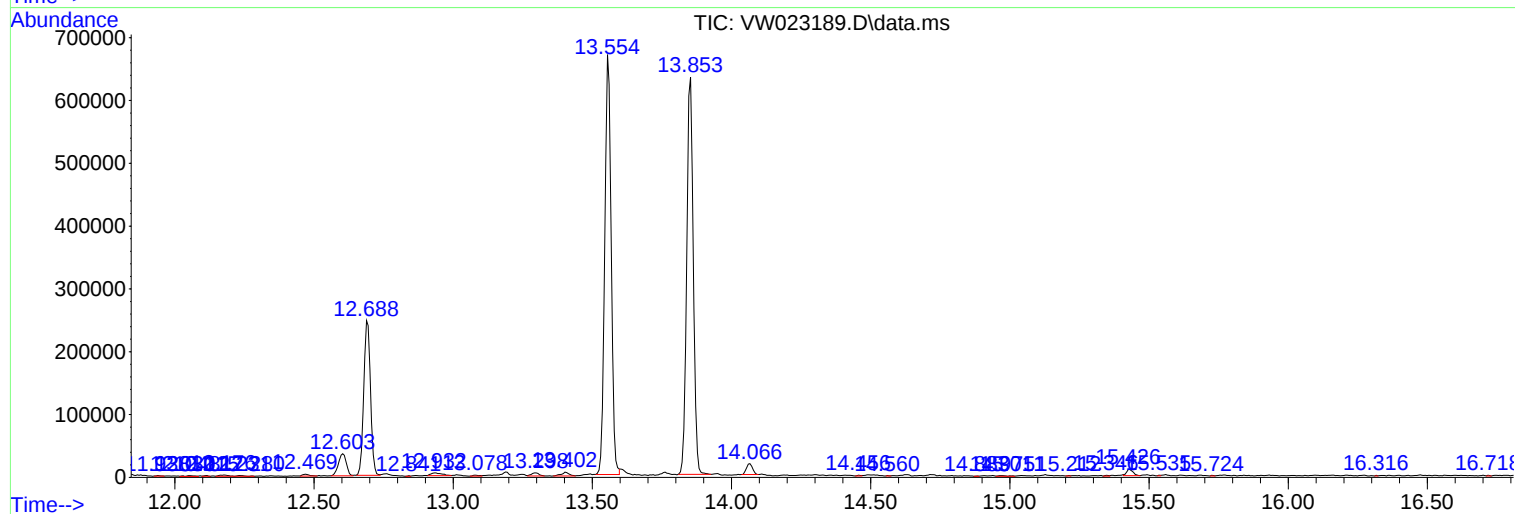
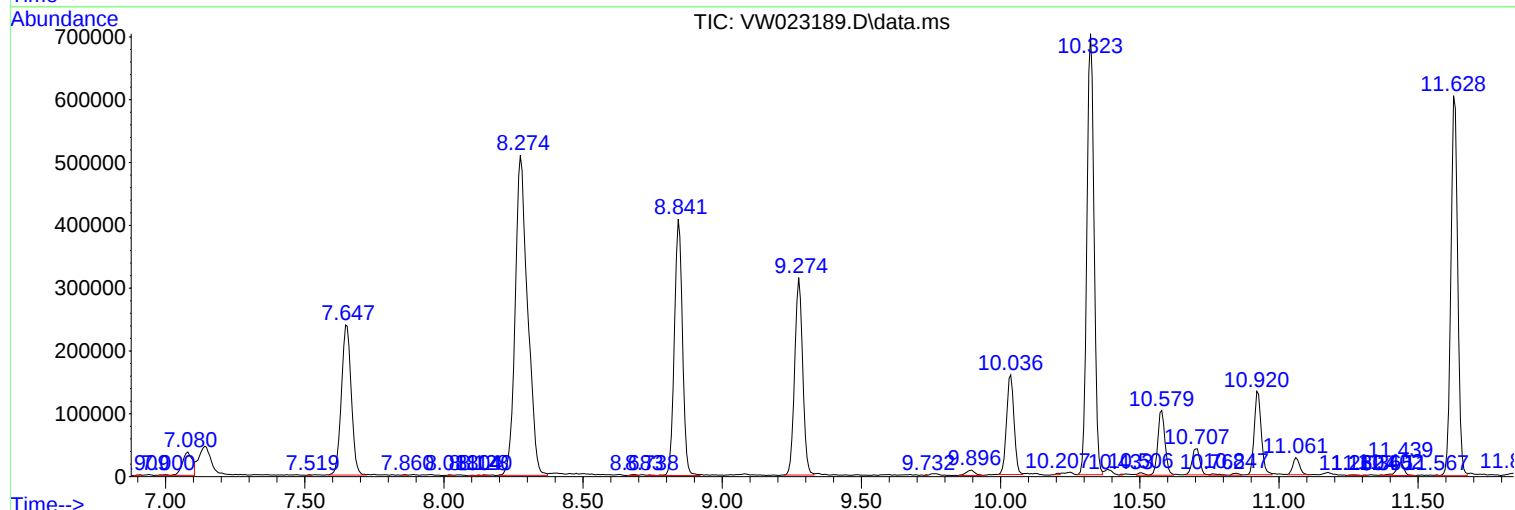
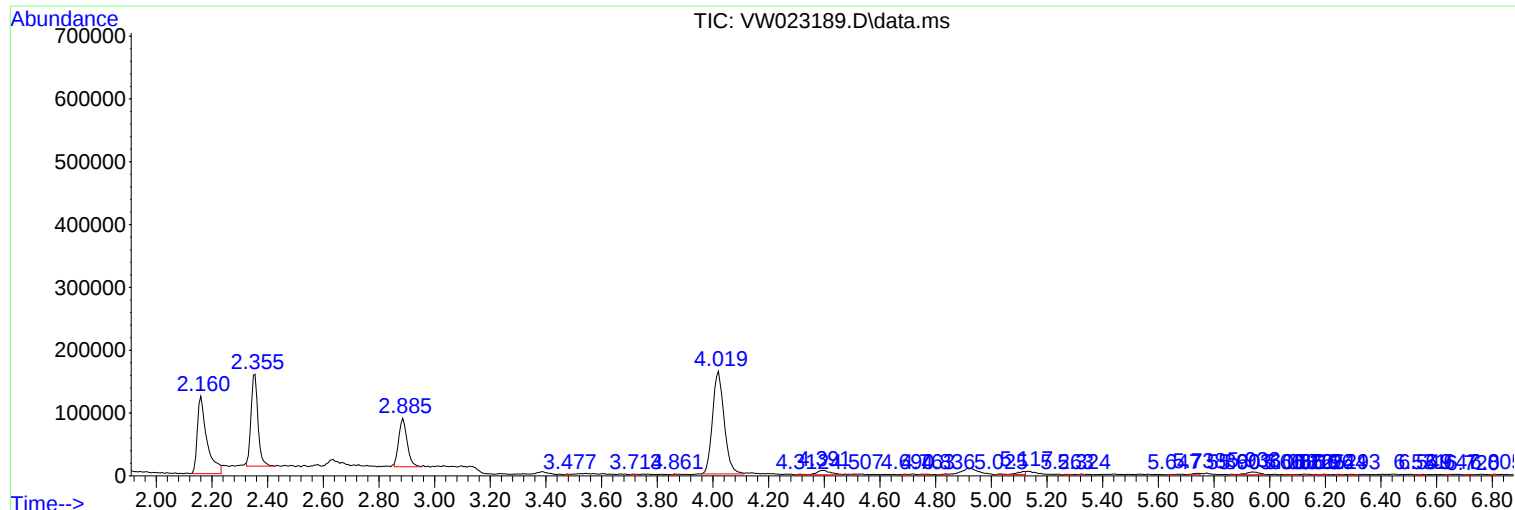
Sum of corrected areas: 10883848

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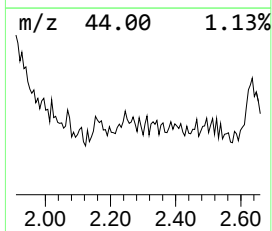
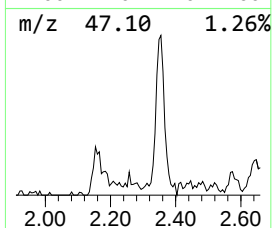
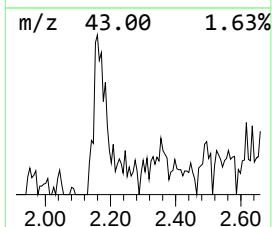
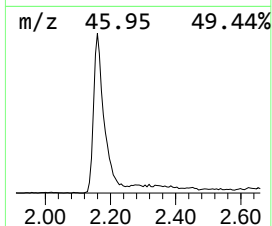
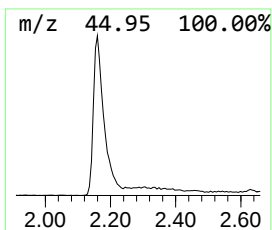
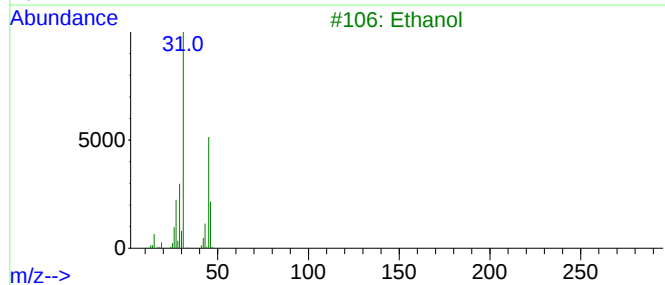
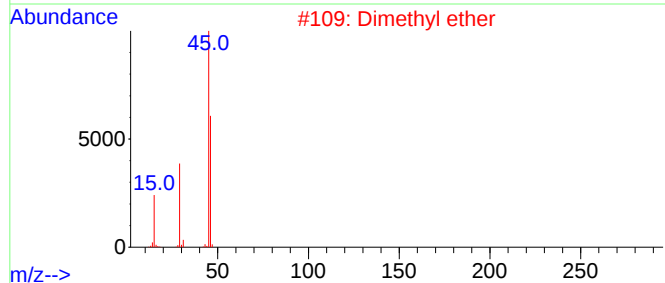
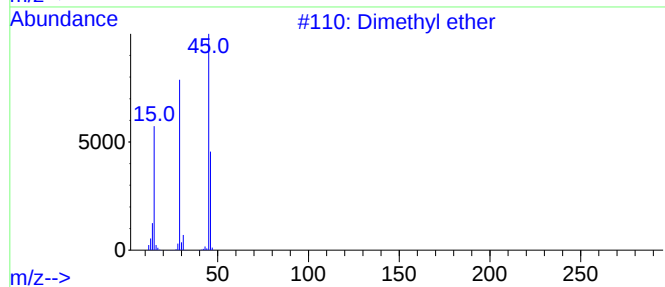
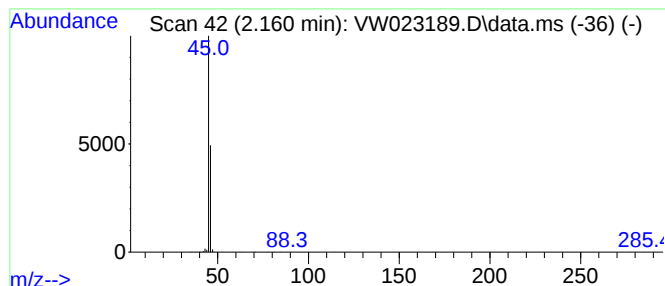
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	8.98 ug/L	295059	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	86
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	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	2.160	9.0	ug/L	295059	1	8.841	821626	25.0