

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023212.D
 Acq On : 20 May 2022 21:23
 Operator : SY/VA
 Sample : N2925-15
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXXZ2

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: VW023212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.153	36	41	47	rBV	58862	105720	7.99%	1.141%
2	2.349	68	73	81	rVB	144403	235362	17.78%	2.541%
3	2.879	156	160	172	rVB	78464	165782	12.53%	1.790%
4	3.373	239	241	244	rBV4	1051	1203	0.09%	0.013%
5	3.403	244	246	249	rVV4	857	857	0.06%	0.009%
6	3.891	325	326	328	rBV2	897	682	0.05%	0.007%
7	4.019	336	347	360	rBV2	124288	386740	29.22%	4.175%
8	4.537	428	432	436	rBV4	1075	1633	0.12%	0.018%
9	4.586	438	440	441	rBV2	1107	1182	0.09%	0.013%
10	4.610	441	444	445	rBV3	1131	1248	0.09%	0.013%
11	4.720	460	462	465	rBV5	874	804	0.06%	0.009%
12	4.757	465	468	470	rBV4	965	908	0.07%	0.010%
13	4.921	486	495	507	rVB3	12732	40801	3.08%	0.440%
14	5.098	520	524	525	rBV3	1400	1435	0.11%	0.015%
15	5.244	547	548	551	rVV3	791	787	0.06%	0.008%
16	5.354	564	566	569	rBV4	1349	1232	0.09%	0.013%
17	5.482	585	587	590	rBV3	886	834	0.06%	0.009%
18	5.531	593	595	598	rBV3	861	1170	0.09%	0.013%
19	5.671	616	618	621	rVB4	1251	883	0.07%	0.010%
20	5.714	623	625	626	rVV3	780	764	0.06%	0.008%
21	5.769	632	634	637	rVB4	1211	1019	0.08%	0.011%
22	6.061	681	682	687	rBV4	763	1401	0.11%	0.015%
23	6.293	718	720	722	rVB3	1192	846	0.06%	0.009%
24	6.336	725	727	731	rVB5	906	832	0.06%	0.009%
25	6.372	731	733	735	rBV2	719	723	0.05%	0.008%
26	6.397	735	737	739	rVB3	1297	912	0.07%	0.010%
27	6.531	756	759	761	rBV4	1059	1388	0.10%	0.015%
28	6.573	764	766	769	rVB4	1121	979	0.07%	0.011%
29	6.683	782	784	787	rBV3	737	880	0.07%	0.010%
30	6.842	804	810	811	rVB4	982	1709	0.13%	0.018%
31	6.860	811	813	815	rBV2	878	742	0.06%	0.008%
32	6.933	822	825	827	rBV4	921	1212	0.09%	0.013%
33	6.988	832	834	836	rVB3	904	794	0.06%	0.009%
34	7.079	841	849	857	rBV2	38156	108068	8.17%	1.167%
35	7.244	874	876	878	rBV3	1118	1591	0.12%	0.017%
36	7.311	885	887	889	rBV2	1070	1097	0.08%	0.012%

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

37	7.396	898	901	903	rBV4	1216	1288	0.10%	0.014%
38	7.445	907	909	911	rBV3	1157	927	0.07%	0.010%
39	7.488	914	916	918	rBV2	1061	1281	0.10%	0.014%
40	7.537	918	924	932	rVV10	3291	9898	0.75%	0.107%
41	7.646	933	942	955	rVB	241422	594211	44.90%	6.415%
42	7.768	961	962	964	rVB2	1218	781	0.06%	0.008%
43	7.805	966	968	970	rVB3	1551	812	0.06%	0.009%
44	7.957	987	993	998	rVB8	3784	8353	0.63%	0.090%
45	8.128	1018	1021	1022	rBV3	1250	1140	0.09%	0.012%
46	8.213	1033	1035	1036	rBV2	1290	929	0.07%	0.010%
47	8.274	1036	1045	1060	rVV2	436886	1323445	100.00%	14.288%
48	8.841	1129	1138	1151	rBV	428330	862340	65.16%	9.310%
49	9.079	1172	1177	1185	rVB3	11269	25263	1.91%	0.273%
50	9.146	1185	1188	1189	rBV3	1106	1310	0.10%	0.014%
51	9.164	1189	1191	1192	rBV2	1017	842	0.06%	0.009%
52	9.274	1199	1209	1218	rBV	314935	642913	48.58%	6.941%
53	9.463	1238	1240	1241	rBV2	893	755	0.06%	0.008%
54	9.597	1260	1262	1264	rBV3	890	1214	0.09%	0.013%
55	9.658	1269	1272	1273	rBV2	1065	1291	0.10%	0.014%
56	9.829	1298	1300	1303	rBV4	511	762	0.06%	0.008%
57	9.872	1305	1307	1311	rBV4	1247	1471	0.11%	0.016%
58	10.036	1325	1334	1344	rBV	146168	263857	19.94%	2.849%
59	10.323	1373	1381	1388	rBV	573176	993895	75.10%	10.730%
60	10.469	1403	1405	1406	rBV	1515	1225	0.09%	0.013%
61	10.579	1416	1423	1432	rBV	92889	163872	12.38%	1.769%
62	10.926	1471	1480	1493	rBV	123098	228981	17.30%	2.472%
63	11.347	1547	1549	1551	rBV2	1102	701	0.05%	0.008%
64	11.444	1563	1565	1567	rVB3	1114	899	0.07%	0.010%
65	11.554	1579	1583	1585	rBV5	1261	1475	0.11%	0.016%
66	11.627	1588	1595	1606	rVV	587836	999840	75.55%	10.794%
67	11.829	1621	1628	1629	rBV7	2699	3707	0.28%	0.040%
68	12.011	1657	1658	1663	rVB5	1259	1314	0.10%	0.014%
69	12.054	1663	1665	1666	rBV2	1561	1152	0.09%	0.012%
70	12.164	1679	1683	1685	rBV6	2369	3506	0.26%	0.038%
71	12.255	1694	1698	1699	rBV4	653	923	0.07%	0.010%
72	12.359	1714	1715	1717	rBV2	869	703	0.05%	0.008%
73	12.475	1729	1734	1737	rBV6	3515	5479	0.41%	0.059%
74	12.688	1761	1769	1778	rBV	249717	422365	31.91%	4.560%
75	13.011	1820	1822	1827	rVB6	1618	2021	0.15%	0.022%
76	13.109	1831	1838	1841	rBV7	950	2320	0.18%	0.025%

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 Title : SFAM01.0

77	13.182	1847	1850	1851	rBV3	1212	1168	0.09%	0.013%
78	13.249	1857	1861	1863	rVB4	1670	2332	0.18%	0.025%
79	13.395	1882	1885	1890	rVV7	1048	1307	0.10%	0.014%
80	13.462	1894	1896	1899	rBV4	1458	1451	0.11%	0.016%
81	13.554	1904	1911	1922	rBV	500098	807443	61.01%	8.717%
82	13.853	1950	1960	1970	rBV	451752	754719	57.03%	8.148%
83	14.017	1985	1987	1990	rBV4	1395	2091	0.16%	0.023%
84	14.066	1991	1995	2002	rVB2	6145	10604	0.80%	0.114%
85	14.383	2045	2047	2050	rBV4	798	1086	0.08%	0.012%
86	14.493	2063	2065	2066	rBV2	1446	911	0.07%	0.010%
87	14.633	2083	2088	2090	rBV6	2214	3040	0.23%	0.033%
88	14.718	2099	2102	2106	rBV6	1666	2418	0.18%	0.026%
89	14.980	2142	2145	2147	rBV3	859	947	0.07%	0.010%
90	15.035	2153	2154	2156	rBV2	1412	723	0.05%	0.008%
91	15.127	2166	2169	2174	rVB7	1812	3194	0.24%	0.034%
92	15.169	2174	2176	2179	rBV4	1374	1415	0.11%	0.015%
93	15.480	2224	2227	2233	rBV3	3430	5422	0.41%	0.059%
94	15.541	2235	2237	2239	rBV3	1436	1686	0.13%	0.018%
95	15.627	2249	2251	2254	rVB3	1303	1353	0.10%	0.015%
96	15.706	2262	2264	2266	rVB3	1137	883	0.07%	0.010%
97	15.730	2266	2268	2270	rBV2	1135	1350	0.10%	0.015%
98	15.938	2300	2302	2305	rBV4	1198	1545	0.12%	0.017%
99	16.376	2373	2374	2376	rVB2	1098	712	0.05%	0.008%
100	16.669	2420	2422	2424	rBV3	1188	1185	0.09%	0.013%

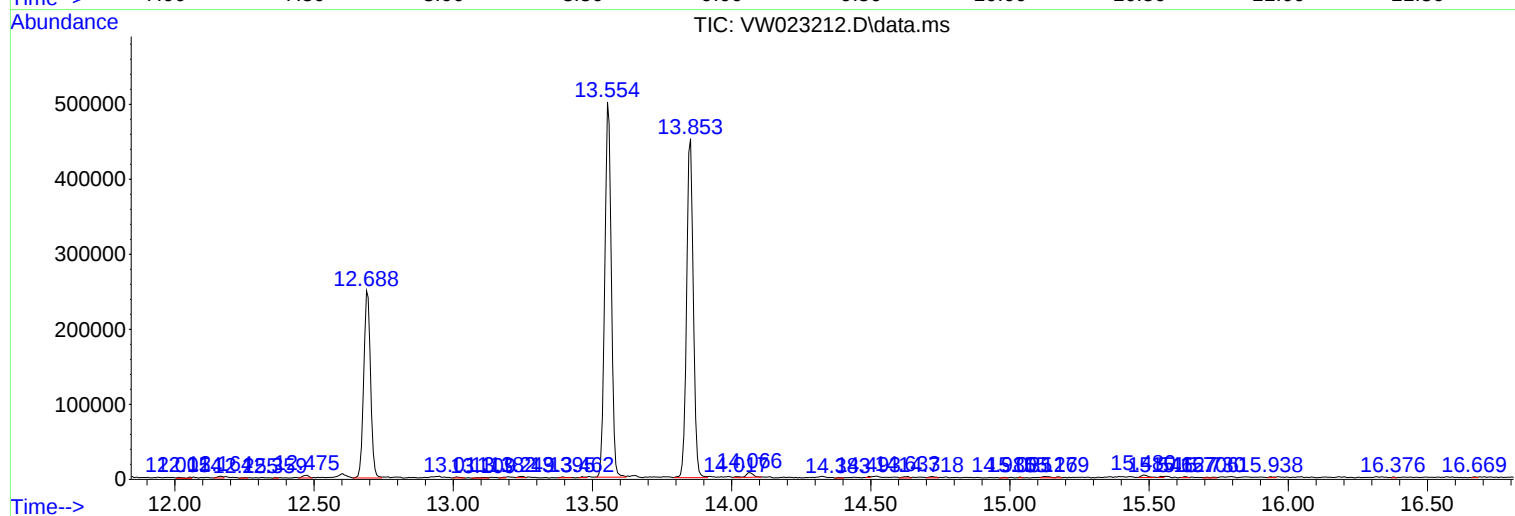
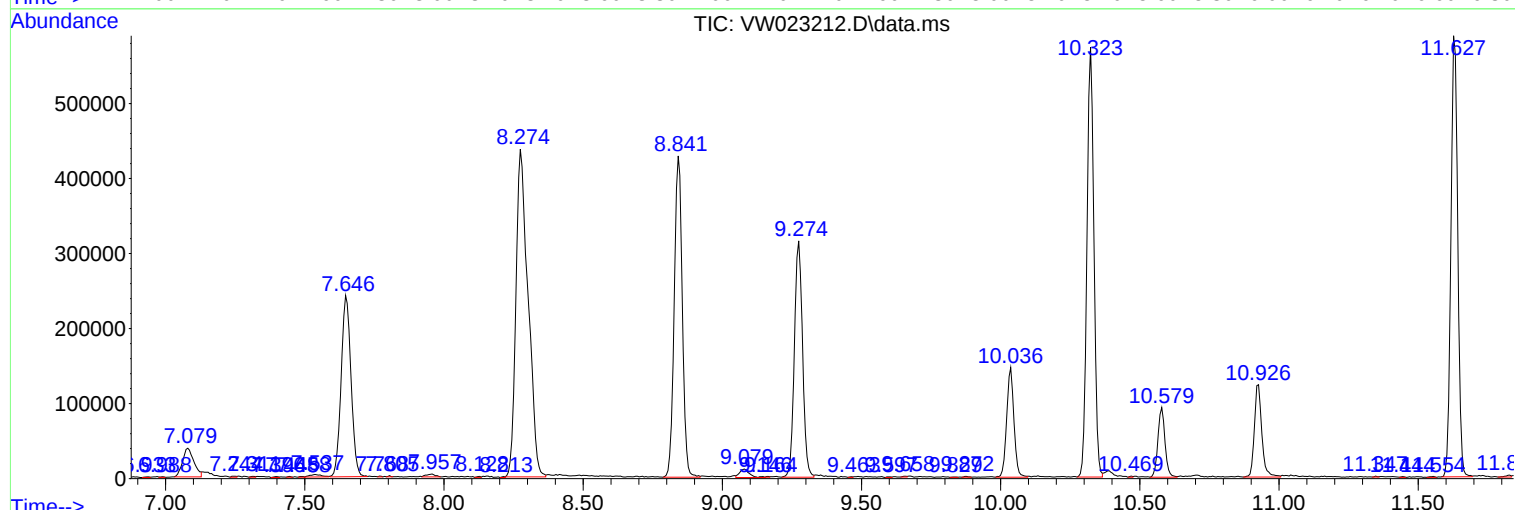
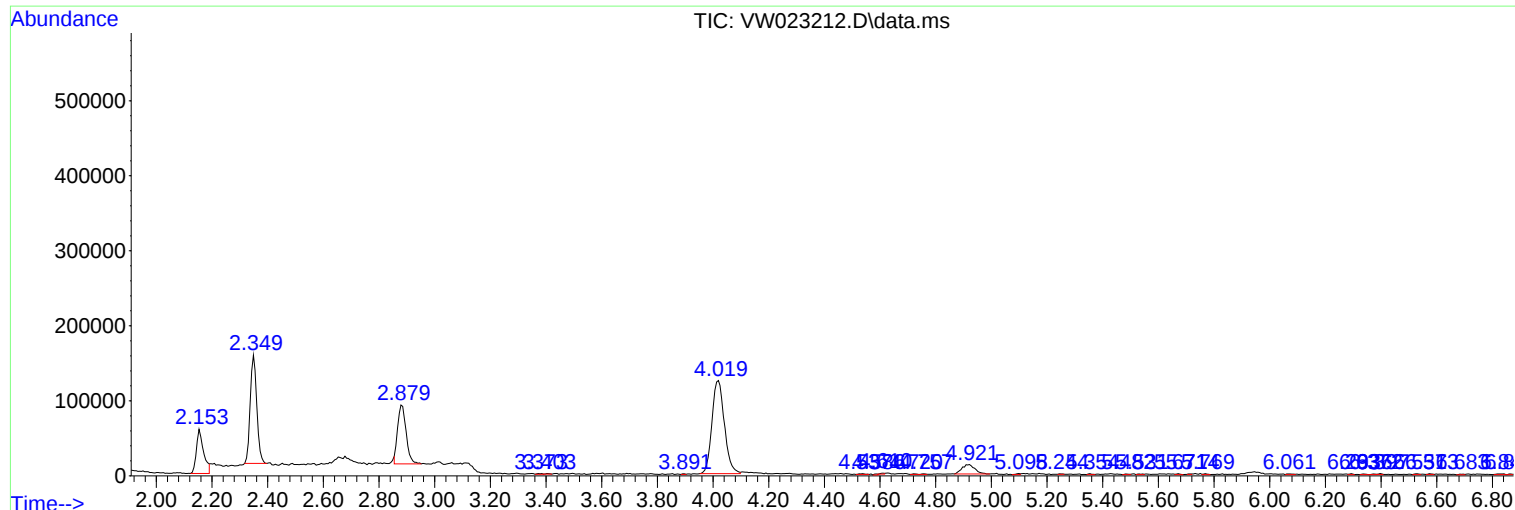
Sum of corrected areas: 9262666

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EXXZ2

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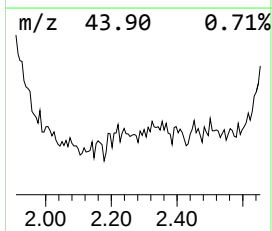
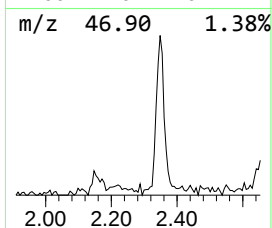
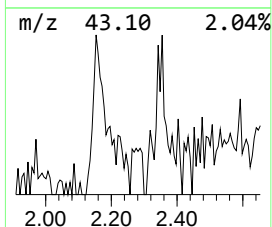
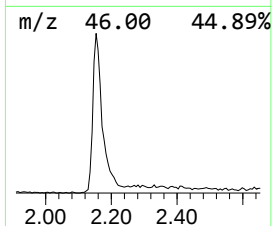
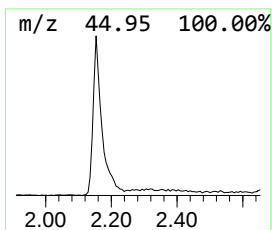
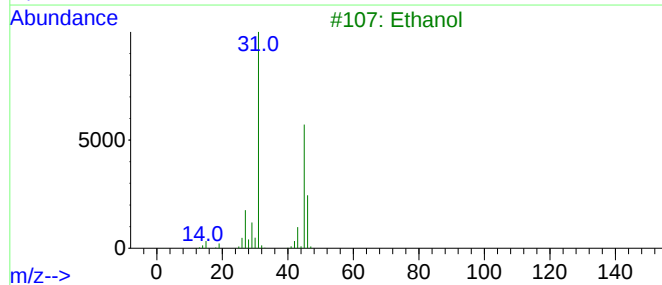
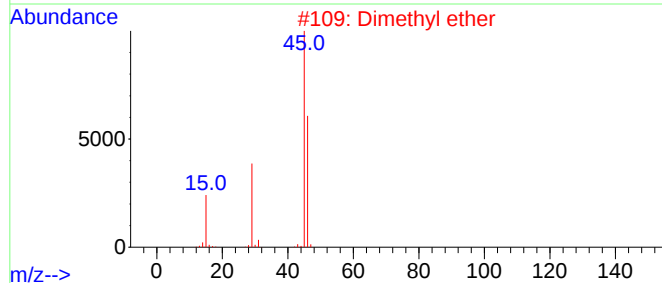
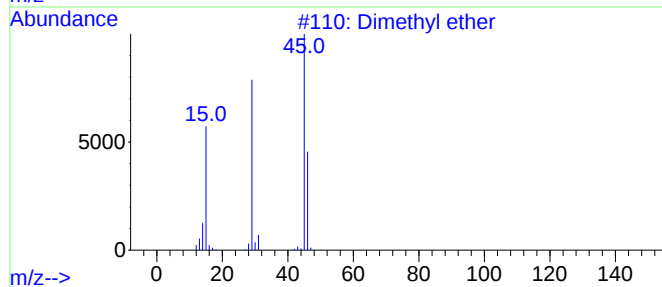
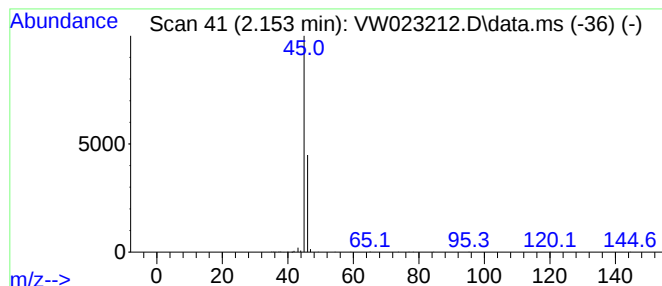
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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.
2.153	3.06 ug/L	105720	1,4-Difluorobenzene	8.847

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	80
2			Dimethyl ether	46	C2H6O	000115-10-6	56
3			Ethanol	46	C2H6O	000064-17-5	7
4			Ethanol	46	C2H6O	000064-17-5	7
5			Dimethyl ether	46	C2H6O	000115-10-6	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	2.153	3.1	ug/L	105720	1	8.847	862340	25.0