

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025613.D
 Acq On : 20 Apr 2023 18:03
 Operator : SY/MD
 Sample : 02417-07
 Misc : 3.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8X3

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025613.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	73	79	92	rVB	106001	264582	10.64%	1.600%
2	2.899	160	166	180	rVB	99398	264829	10.65%	1.601%
3	3.387	244	246	249	rBV4	3724	4234	0.17%	0.026%
4	3.442	253	255	256	rBV2	2145	1606	0.06%	0.010%
5	3.539	263	271	289	rBV	145024	472617	19.01%	2.857%
6	4.021	341	350	368	rBV	242906	768400	30.90%	4.645%
7	4.338	398	402	403	rBV4	1620	1489	0.06%	0.009%
8	4.515	428	431	433	rBV4	1948	1955	0.08%	0.012%
9	4.576	438	441	442	rBV3	1425	1387	0.06%	0.008%
10	4.600	442	445	448	rVB5	1506	1451	0.06%	0.009%
11	4.661	453	455	456	rBV2	2003	1413	0.06%	0.009%
12	4.917	484	497	508	rBV3	27018	100758	4.05%	0.609%
13	5.271	552	555	558	rVB5	1694	1672	0.07%	0.010%
14	5.314	558	562	565	rVB6	2105	3186	0.13%	0.019%
15	5.356	565	569	570	rBV4	1901	2427	0.10%	0.015%
16	5.503	590	593	594	rBV3	975	1158	0.05%	0.007%
17	5.655	615	618	622	rBV6	1577	2335	0.09%	0.014%
18	5.752	632	634	636	rBV2	1697	1492	0.06%	0.009%
19	5.856	648	651	653	rBV4	2104	2460	0.10%	0.015%
20	5.948	656	666	676	rVB7	9137	28242	1.14%	0.171%
21	6.082	686	688	689	rBV2	1592	1445	0.06%	0.009%
22	6.143	696	698	700	rVB3	2294	1651	0.07%	0.010%
23	6.204	703	708	709	rBV5	1885	2804	0.11%	0.017%
24	6.271	717	719	722	rVB4	1866	1690	0.07%	0.010%
25	6.301	722	724	726	rBV3	2586	1850	0.07%	0.011%
26	6.319	726	727	731	rBV4	1022	1683	0.07%	0.010%
27	6.393	734	739	741	rBV6	1856	3091	0.12%	0.019%
28	6.630	775	778	779	rBV3	983	1179	0.05%	0.007%
29	6.691	786	788	790	rBV3	1011	1131	0.05%	0.007%
30	6.734	792	795	797	rVB4	1689	1767	0.07%	0.011%
31	6.752	797	798	799	rBV	1881	1116	0.04%	0.007%
32	6.777	799	802	803	rVB3	1524	1230	0.05%	0.007%
33	6.795	803	805	808	rVB4	1395	1603	0.06%	0.010%
34	6.825	808	810	812	rVB3	1506	1485	0.06%	0.009%
35	6.868	815	817	820	rVB4	1842	2140	0.09%	0.013%
36	6.911	820	824	829	rBV8	1647	2503	0.10%	0.015%

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37	6.960	829	832	835	rBV5	2052	2315	0.09%	0.014%
38	7.081	842	852	856	rBV2	59634	172445	6.94%	1.043%
39	7.313	888	890	891	rVB2	2197	1439	0.06%	0.009%
40	7.392	901	903	906	rBV4	1436	1567	0.06%	0.009%

41	7.514	920	923	927	rBV6	1821	3087	0.12%	0.019%
42	7.648	934	945	958	rBV	444284	1087382	43.73%	6.574%
43	7.764	962	964	965	rBV2	1980	1831	0.07%	0.011%
44	7.911	984	988	989	rBV3	2399	2666	0.11%	0.016%
45	8.057	1010	1012	1014	rBV3	1551	1731	0.07%	0.010%

46	8.173	1029	1031	1034	rBV4	1695	1665	0.07%	0.010%
47	8.276	1037	1048	1064	rBV2	848175	2486578	100.00%	15.033%
48	8.679	1112	1114	1115	rBV2	1609	1464	0.06%	0.009%
49	8.752	1124	1126	1128	rBV3	1785	1941	0.08%	0.012%
50	8.843	1132	1141	1151	rBV	941767	1826570	73.46%	11.043%

51	9.093	1175	1182	1191	rVB	144326	295331	11.88%	1.785%
52	9.270	1203	1211	1228	rVV	616999	1280327	51.49%	7.740%
53	9.666	1273	1276	1282	rVB7	3538	5754	0.23%	0.035%
54	9.880	1309	1311	1312	rBV2	1398	1482	0.06%	0.009%
55	9.935	1317	1320	1321	rVB3	1226	1137	0.05%	0.007%

56	10.032	1328	1336	1344	rBV	240770	446370	17.95%	2.699%
57	10.130	1350	1352	1359	rVB7	3487	6188	0.25%	0.037%
58	10.239	1368	1370	1372	rVB3	2047	1588	0.06%	0.010%
59	10.325	1376	1384	1392	rVV	987099	1772976	71.30%	10.719%
60	10.575	1418	1425	1433	rBV	144343	259267	10.43%	1.567%

61	10.660	1437	1439	1440	rVV2	1785	1173	0.05%	0.007%
62	10.703	1440	1446	1453	rVV	24222	47870	1.93%	0.289%
63	10.922	1476	1482	1497	rBV3	193149	406213	16.34%	2.456%
64	11.062	1500	1505	1512	rVB	41364	67832	2.73%	0.410%
65	11.282	1538	1541	1544	rBV5	2216	2967	0.12%	0.018%

66	11.306	1544	1545	1547	rVB2	2535	1523	0.06%	0.009%
67	11.331	1547	1549	1551	rBV3	2754	3227	0.13%	0.020%
68	11.392	1557	1559	1561	rBV3	2064	1942	0.08%	0.012%
69	11.434	1561	1566	1571	rVB4	7932	15420	0.62%	0.093%
70	11.629	1591	1598	1608	rBV	1014246	1687153	67.85%	10.200%

71	11.831	1629	1631	1637	rBV7	3178	6837	0.27%	0.041%
72	12.081	1669	1672	1673	rBV3	1634	1520	0.06%	0.009%
73	12.166	1681	1686	1689	rBV7	3454	7643	0.31%	0.046%
74	12.263	1700	1702	1704	rBV3	1309	1118	0.04%	0.007%
75	12.385	1720	1722	1724	rVB3	1840	1150	0.05%	0.007%

76	12.465	1728	1735	1742	rVB4	10004	20797	0.84%	0.126%
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 Title : SFAM01.0

77	12.526	1742	1745	1747	rBV4	1382	1355	0.05%	0.008%
78	12.599	1752	1757	1763	rBV3	20632	37505	1.51%	0.227%
79	12.690	1765	1772	1779	rBV	383292	633761	25.49%	3.831%
80	12.891	1801	1805	1806	rBV4	2290	3115	0.13%	0.019%
81	12.928	1807	1811	1820	rVV7	18112	43240	1.74%	0.261%
82	13.019	1822	1826	1832	rVB5	13899	25187	1.01%	0.152%
83	13.099	1837	1839	1842	rBV4	1599	1749	0.07%	0.011%
84	13.288	1866	1870	1875	rVB8	4710	8710	0.35%	0.053%
85	13.464	1894	1899	1908	rVV2	57137	96250	3.87%	0.582%
86	13.556	1908	1914	1926	rVB	606393	974442	39.19%	5.891%
87	13.849	1955	1962	1974	rBV	456697	750902	30.20%	4.540%
88	14.062	1993	1997	2003	rVB2	14185	21929	0.88%	0.133%
89	14.159	2011	2013	2015	rBV3	1514	1076	0.04%	0.007%
90	14.245	2025	2027	2028	rBV2	1424	1229	0.05%	0.007%
91	14.318	2037	2039	2046	rVB8	4611	6814	0.27%	0.041%
92	14.403	2050	2053	2054	rBV3	2338	2281	0.09%	0.014%
93	14.580	2080	2082	2085	rBV4	1263	1883	0.08%	0.011%
94	14.787	2114	2116	2118	rBV3	1736	1376	0.06%	0.008%
95	14.830	2121	2123	2126	rVB4	1852	1342	0.05%	0.008%
96	14.928	2136	2139	2140	rBV3	2138	2113	0.08%	0.013%
97	15.086	2163	2165	2166	rBV2	2120	1695	0.07%	0.010%
98	15.428	2217	2221	2226	rVB2	16582	27220	1.09%	0.165%
99	15.574	2244	2245	2247	rVB2	2294	1056	0.04%	0.006%
100	16.696	2427	2429	2430	rBV2	1748	1315	0.05%	0.008%

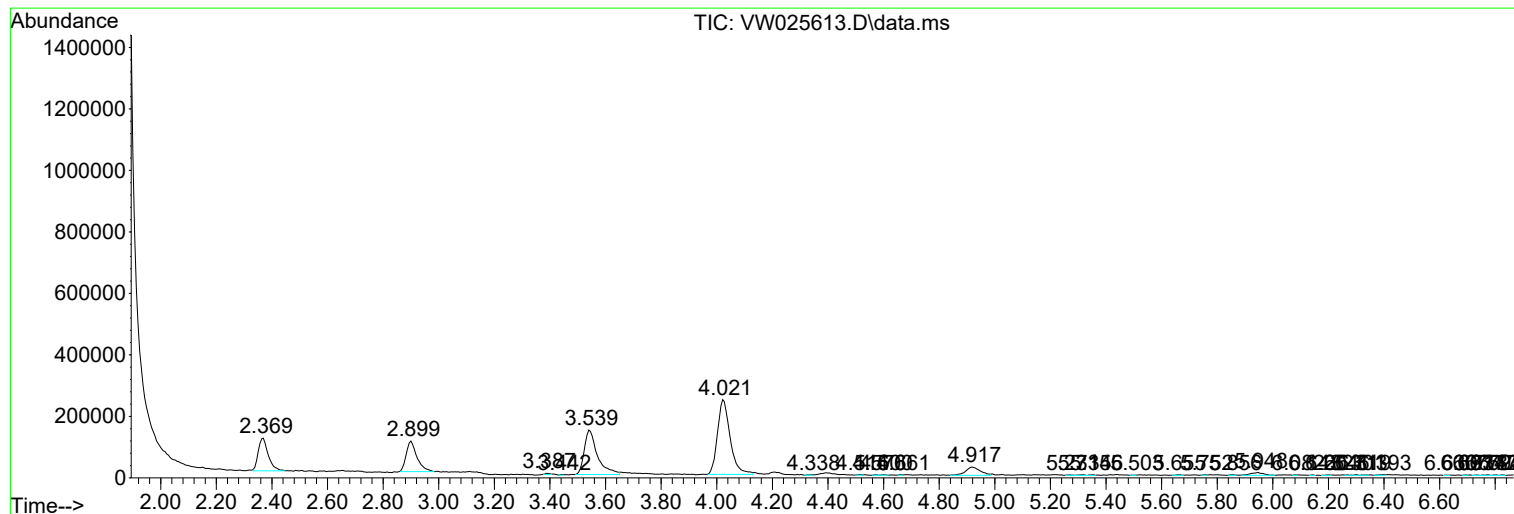
Sum of corrected areas: 16541092

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



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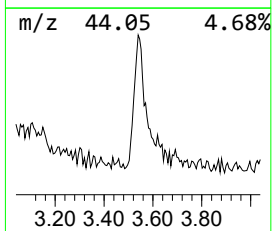
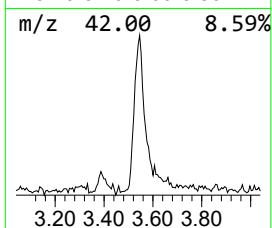
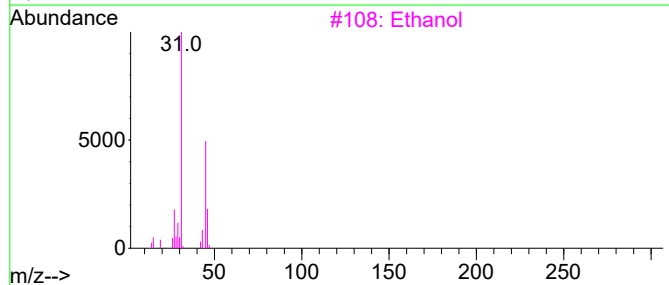
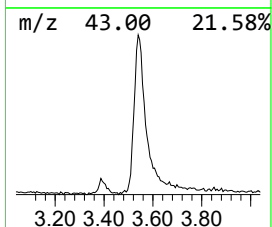
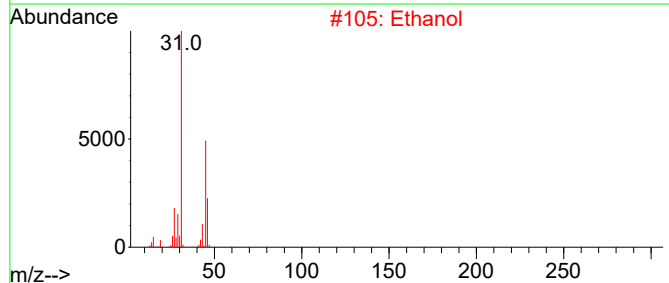
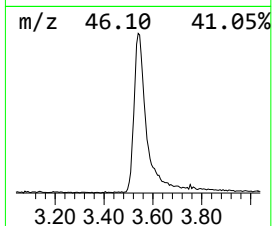
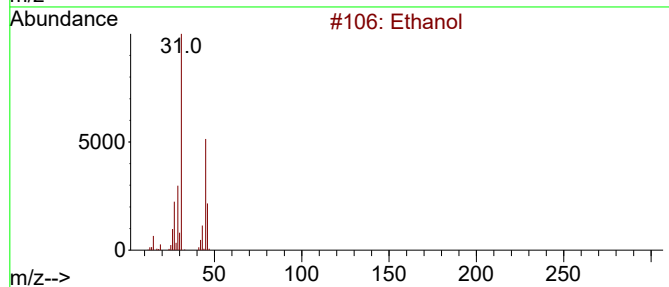
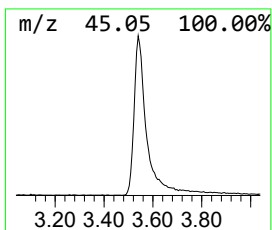
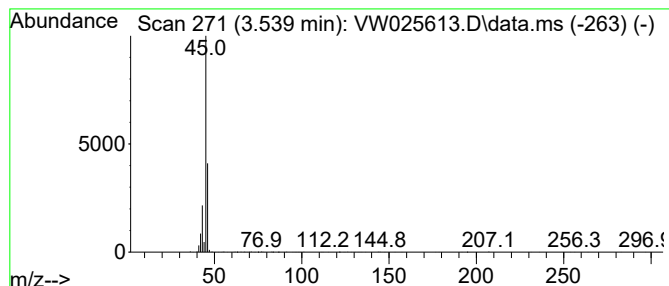
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.539	6.47 ug/L	472617	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol			46	C2H6O	000064-17-5	64
2	Ethanol			46	C2H6O	000064-17-5	43
3	Ethanol			46	C2H6O	000064-17-5	9
4	Ethanol			46	C2H6O	000064-17-5	9
5	Dimethyl ether			46	C2H6O	000115-10-6	9



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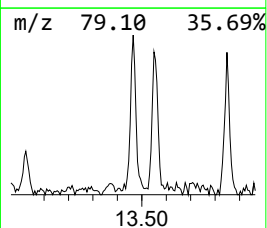
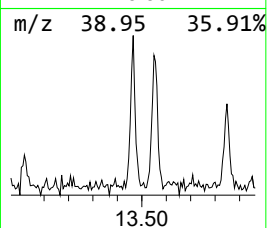
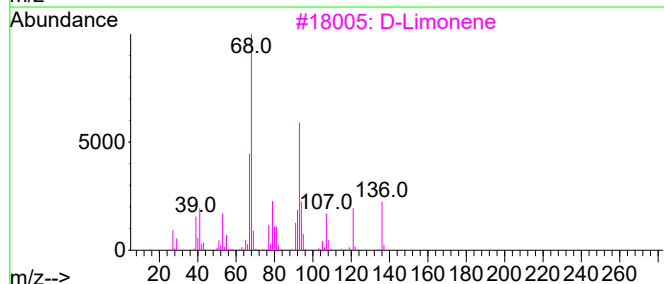
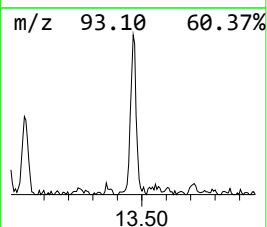
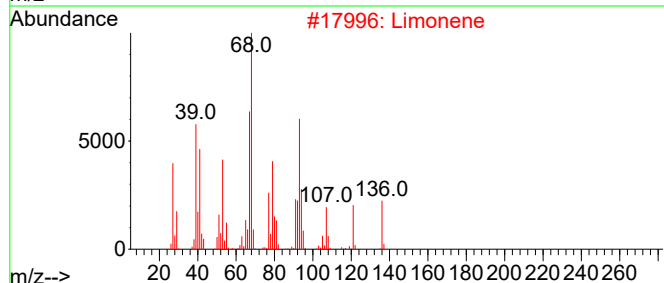
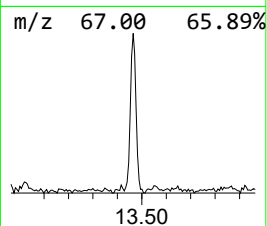
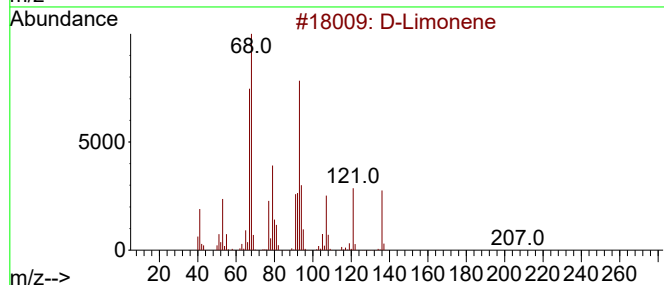
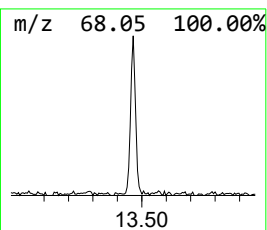
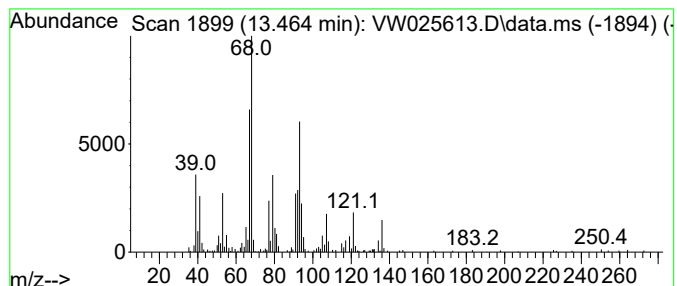
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.47 ug/L	96250	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	96
2			Limonene	136	C10H16	000138-86-3	92
3			D-Limonene	136	C10H16	005989-27-5	91
4			D-Limonene	136	C10H16	005989-27-5	91
5			Limonene	136	C10H16	000138-86-3	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol	3.539	6.5	ug/L	472617	1	8.843	1826570	25.0
D-Limonene	13.464	2.5	ug/L	96250	3	13.556	974442	25.0