

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025741.D
 Acq On : 27 Apr 2023 22:00
 Operator : SY/MD
 Sample : 02499-21
 Misc : 5.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCB9

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\SFAMWLM042723SMA.M
 Title : SFAM01.0

Signal : TIC: VW025741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	41	46	50	rBV4	3486	7350	0.32%	0.038%
2	2.363	71	78	95	rBV	84196	233458	10.08%	1.205%
3	2.497	95	100	110	rBV	32476	82341	3.56%	0.425%
4	2.893	158	165	176	rBV	81044	223784	9.66%	1.155%
5	3.289	228	230	232	rBV3	1309	1635	0.07%	0.008%
6	3.411	248	250	252	rVB3	1640	1339	0.06%	0.007%
7	3.472	258	260	264	rBV5	1124	1518	0.07%	0.008%
8	3.539	265	271	272	rBV6	1468	2413	0.10%	0.012%
9	3.661	287	291	293	rBV6	1001	1279	0.06%	0.007%
10	3.722	297	301	306	rBV7	2744	6795	0.29%	0.035%
11	3.807	312	315	317	rBV4	1009	1408	0.06%	0.007%
12	4.027	339	351	359	rVV2	202207	686899	29.66%	3.545%
13	4.118	360	366	387	rVB	149441	419604	18.12%	2.166%
14	4.387	401	410	418	rBV4	5061	18554	0.80%	0.096%
15	4.923	486	498	510	rVV3	21167	85887	3.71%	0.443%
16	5.185	538	541	544	rVV5	1112	1470	0.06%	0.008%
17	5.417	572	579	583	rVV8	1551	4329	0.19%	0.022%
18	5.746	631	633	635	rBV2	1377	1434	0.06%	0.007%
19	5.783	635	639	641	rVV5	1208	1833	0.08%	0.009%
20	5.886	652	656	657	rBV3	1475	1705	0.07%	0.009%
21	5.941	657	665	673	rBV9	6852	20691	0.89%	0.107%
22	6.228	711	712	716	rVB4	1490	1327	0.06%	0.007%
23	6.600	768	773	774	rBV4	1211	1682	0.07%	0.009%
24	6.697	786	789	793	rVB6	1387	1830	0.08%	0.009%
25	7.075	841	851	861	rBV	105958	320748	13.85%	1.655%
26	7.447	911	912	916	rBV3	1234	1410	0.06%	0.007%
27	7.539	924	927	928	rBV3	1394	1402	0.06%	0.007%
28	7.654	934	946	959	rBV2	301911	962832	41.58%	4.969%
29	7.941	990	993	994	rBV3	2298	2631	0.11%	0.014%
30	8.185	1032	1033	1037	rBV4	1040	1631	0.07%	0.008%
31	8.276	1038	1048	1065	rBV2	766140	2315715	100.00%	11.952%
32	8.538	1089	1091	1092	rBV2	2277	1893	0.08%	0.010%
33	8.843	1132	1141	1151	rBV	740807	1466263	63.32%	7.568%
34	8.965	1159	1161	1167	rVB8	1809	2237	0.10%	0.012%
35	9.075	1170	1179	1190	rVV	340939	708353	30.59%	3.656%
36	9.270	1203	1211	1232	rVV	547690	1133603	48.95%	5.851%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Title : SFAM01.0

37	9.666	1270	1276	1277	rBV5	3015	5281	0.23%	0.027%
38	9.764	1289	1292	1297	rVB7	2127	3638	0.16%	0.019%
39	9.892	1306	1313	1317	rBV6	6343	10874	0.47%	0.056%
40	10.032	1327	1336	1346	rBV	275103	514406	22.21%	2.655%
41	10.130	1347	1352	1360	rVB2	18490	36858	1.59%	0.190%
42	10.203	1360	1364	1369	rBV5	9987	17602	0.76%	0.091%
43	10.319	1376	1383	1392	rBV	1037914	1854339	80.08%	9.570%
44	10.575	1419	1425	1436	rVB	183827	323533	13.97%	1.670%
45	10.696	1441	1445	1452	rVB3	7634	14670	0.63%	0.076%
46	10.776	1454	1458	1460	rVB4	1741	2721	0.12%	0.014%
47	10.861	1464	1472	1477	rBV	855044	1466753	63.34%	7.570%
48	10.922	1477	1482	1498	rVB	399655	694958	30.01%	3.587%
49	11.074	1505	1507	1513	rVB6	5331	6870	0.30%	0.035%
50	11.233	1529	1533	1534	rBV4	1613	2151	0.09%	0.011%
51	11.270	1537	1539	1542	rBV4	1921	2730	0.12%	0.014%
52	11.398	1556	1560	1562	rBV5	1787	2507	0.11%	0.013%
53	11.629	1589	1598	1608	rBV	1037988	1727709	74.61%	8.917%
54	11.727	1612	1614	1620	rVB6	4691	7042	0.30%	0.036%
55	11.812	1625	1628	1629	rBV3	2393	2348	0.10%	0.012%
56	11.830	1629	1631	1632	rBV2	1918	1381	0.06%	0.007%
57	11.983	1654	1656	1658	rBV3	1846	1464	0.06%	0.008%
58	12.093	1671	1674	1675	rBV3	1404	1320	0.06%	0.007%
59	12.160	1680	1685	1690	rVV8	4177	9332	0.40%	0.048%
60	12.239	1694	1698	1703	rVB7	2755	5676	0.25%	0.029%
61	12.343	1709	1715	1720	rVB9	2273	4663	0.20%	0.024%
62	12.464	1732	1735	1745	rVB9	3923	8570	0.37%	0.044%
63	12.599	1747	1757	1765	rBV2	37818	84474	3.65%	0.436%
64	12.690	1765	1772	1779	rBV	186755	310064	13.39%	1.600%
65	12.751	1779	1782	1790	rVB8	5877	11670	0.50%	0.060%
66	12.946	1806	1814	1821	rBV10	6747	18610	0.80%	0.096%
67	13.123	1837	1843	1845	rBV7	2351	4215	0.18%	0.022%
68	13.196	1845	1855	1861	rVV4	12776	31158	1.35%	0.161%
69	13.281	1861	1869	1877	rVB9	7450	24720	1.07%	0.128%
70	13.403	1879	1889	1894	rBV	17614	32253	1.39%	0.166%
71	13.464	1895	1899	1902	rBV5	9162	13691	0.59%	0.071%
72	13.556	1907	1914	1925	rVV	986926	1620508	69.98%	8.364%
73	13.641	1925	1928	1937	rVB2	24077	42535	1.84%	0.220%
74	13.848	1954	1962	1972	rBV	912954	1506108	65.04%	7.773%
75	14.062	1990	1997	2004	rBV	43126	71550	3.09%	0.369%
76	14.220	2020	2023	2027	rVB6	2440	3364	0.15%	0.017%

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 Title : SFAM01.0

77	14.318	2034	2039	2044	rBV7	11985	20374	0.88%	0.105%
78	14.421	2054	2056	2059	rVB4	1966	1566	0.07%	0.008%
79	14.446	2059	2060	2063	rBV3	1481	1531	0.07%	0.008%
80	14.495	2066	2068	2069	rVV2	2072	1371	0.06%	0.007%
81	14.513	2069	2071	2076	rVB6	2666	3760	0.16%	0.019%
82	14.598	2084	2085	2086	rBV	2678	1692	0.07%	0.009%
83	14.671	2095	2097	2100	rBV4	1800	2156	0.09%	0.011%
84	14.714	2102	2104	2109	rVB6	2215	2847	0.12%	0.015%
85	14.866	2126	2129	2133	rVB5	1421	1856	0.08%	0.010%
86	14.958	2142	2144	2145	rBV2	1398	1303	0.06%	0.007%
87	15.025	2152	2155	2158	rBV4	1361	1940	0.08%	0.010%
88	15.068	2161	2162	2164	rVV2	2190	1383	0.06%	0.007%
89	15.110	2167	2169	2175	rVV7	1509	2617	0.11%	0.014%
90	15.171	2176	2179	2186	rVB10	3545	7138	0.31%	0.037%
91	15.330	2202	2205	2206	rBV3	1404	1355	0.06%	0.007%
92	15.348	2206	2208	2209	rBV2	2079	1901	0.08%	0.010%
93	15.427	2216	2221	2226	rVV2	30115	48861	2.11%	0.252%
94	15.476	2226	2229	2236	rVB	10529	18047	0.78%	0.093%
95	15.732	2270	2271	2274	rBV3	1817	1831	0.08%	0.009%
96	15.787	2274	2280	2285	rVV8	4684	9912	0.43%	0.051%
97	16.092	2326	2330	2332	rBV5	1791	2449	0.11%	0.013%
98	16.342	2369	2371	2373	rBV3	1505	1601	0.07%	0.008%
99	16.720	2431	2433	2436	rVB3	1731	1815	0.08%	0.009%
100	16.756	2436	2439	2443	rBV6	1543	2751	0.12%	0.014%

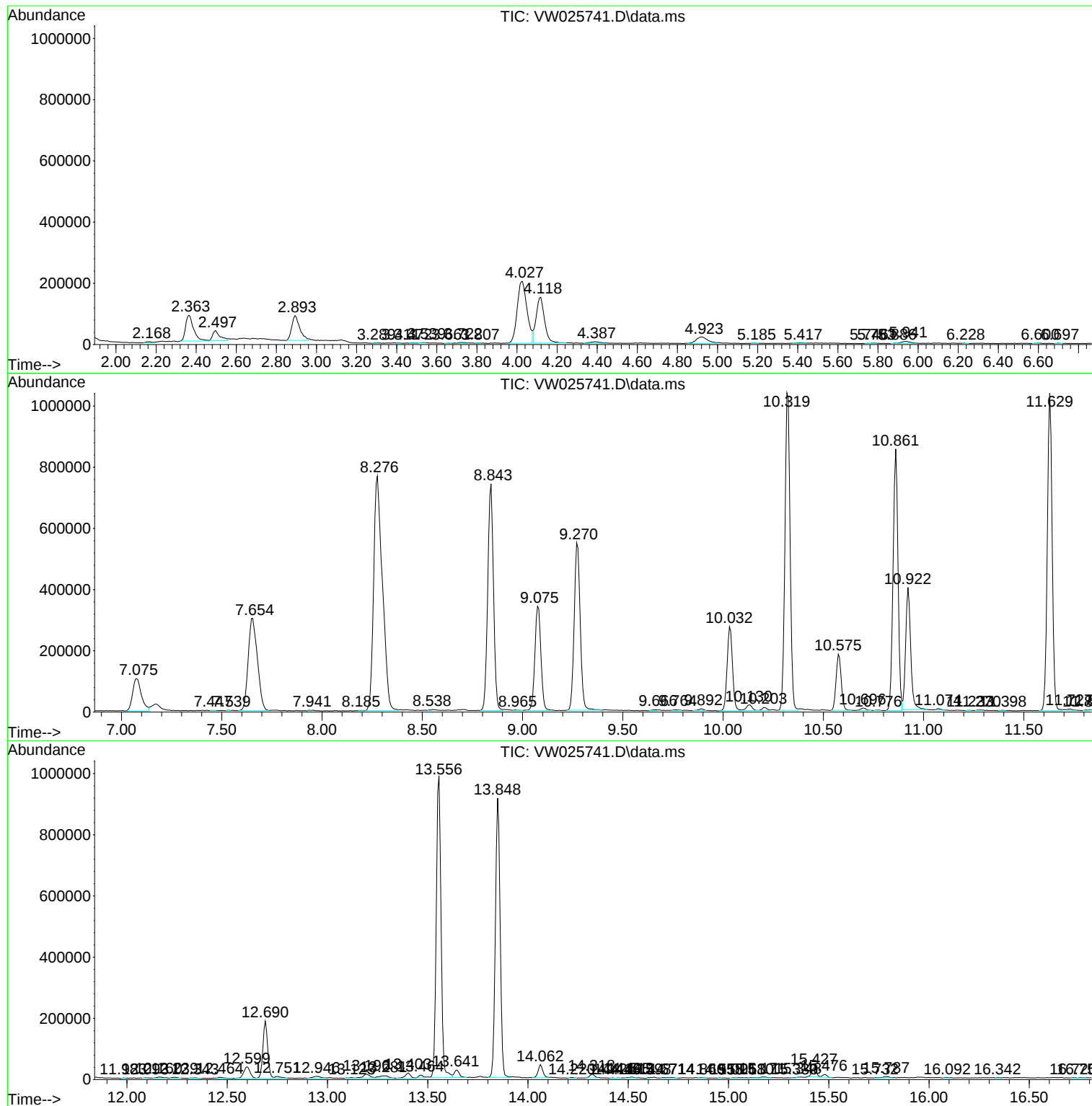
Sum of corrected areas: 19375656

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0

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



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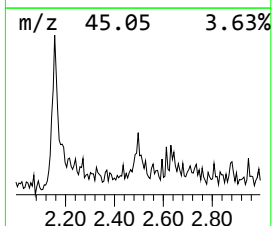
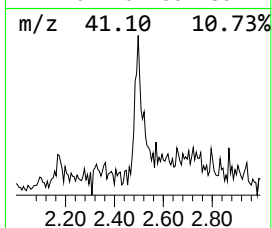
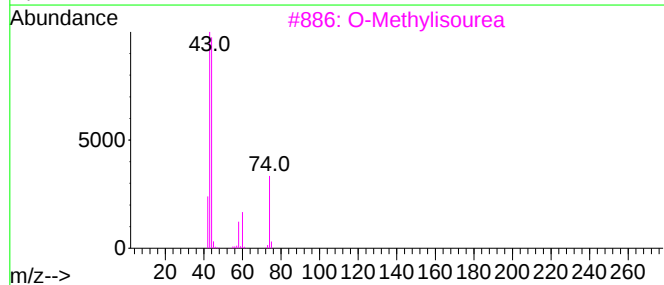
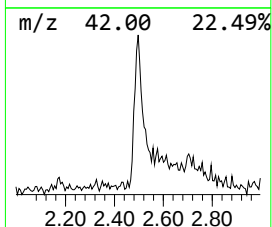
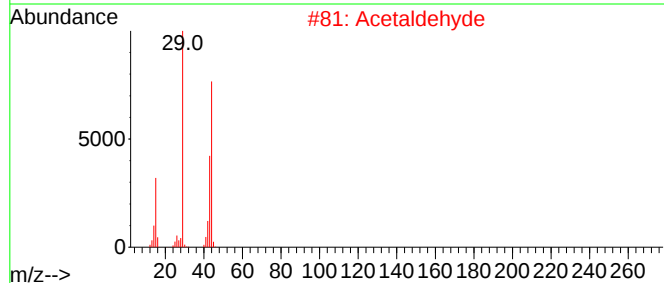
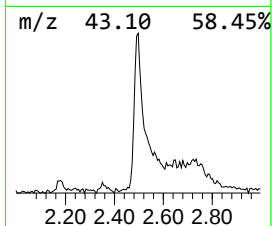
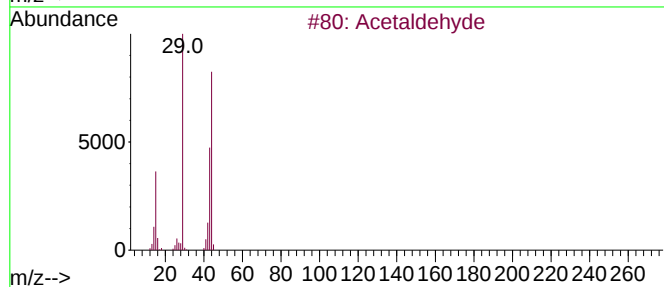
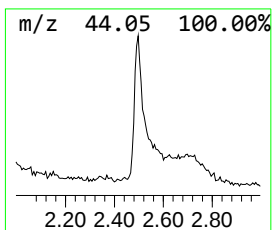
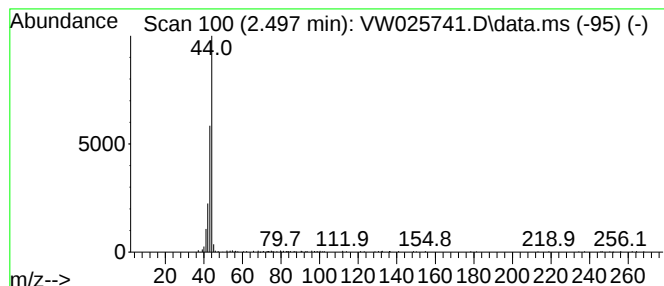
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	1.40 ug/L	82341	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	50
2			Acetaldehyde	44	C2H4O	000075-07-0	50
3			O-Methylisourea	74	C2H6N2O	002440-60-0	39
4			Propanamide, N-methyl-2-amino-	102	C4H10N2O	070875-70-6	9
5			Ethylene oxide	44	C2H4O	000075-21-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.497	1.4	ug/L	82341	1	8.843	1466260	25.0