

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020617.D
 Acq On : 19 Oct 2021 19:59
 Operator : SY/VA
 Sample : M4263-17
 Misc : 4.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G2

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\SFAMWLM100821SMA.M

Title : SFAM01.0

Signal : TIC: VW020617.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	81	rVB	57307	92066	11.55%	1.913%
2	2.495	92	97	111	rVB	17862	38013	4.77%	0.790%
3	2.879	154	160	170	rBB	26013	50122	6.29%	1.042%
4	3.666	286	289	292	rBV2	124	146	0.02%	0.003%
5	3.727	295	299	304	rVB3	308	634	0.08%	0.013%
6	4.013	336	346	358	rBV	81976	244596	30.70%	5.083%
7	4.129	359	365	380	rVB	12780	33455	4.20%	0.695%
8	4.257	380	386	397	rVB5	947	2768	0.35%	0.058%
9	4.385	397	407	412	rBV3	1313	3435	0.43%	0.071%
10	4.586	437	440	441	rBV	203	196	0.02%	0.004%
11	4.921	485	495	503	rBV3	4331	13947	1.75%	0.290%
12	5.129	525	529	530	rVB2	116	114	0.01%	0.002%
13	5.574	600	602	605	rBV2	109	134	0.02%	0.003%
14	5.702	618	623	627	rBV2	85	165	0.02%	0.003%
15	5.793	629	638	648	rVB4	1868	5655	0.71%	0.118%
16	5.934	657	661	669	rVB5	975	2576	0.32%	0.054%
17	6.031	675	677	682	rVB2	109	112	0.01%	0.002%
18	6.116	685	691	699	rVB4	456	1305	0.16%	0.027%
19	6.251	705	713	717	rBV2	142	359	0.05%	0.007%
20	6.677	780	783	785	rVB2	161	169	0.02%	0.004%
21	6.714	785	789	792	rBV	110	170	0.02%	0.004%
22	6.909	814	821	831	rVV3	2629	6898	0.87%	0.143%
23	7.080	841	849	862	rBV	20729	59826	7.51%	1.243%
24	7.330	889	890	893	rVB	152	133	0.02%	0.003%
25	7.653	931	943	955	rBV	142897	348166	43.69%	7.236%
26	7.823	967	971	973	rVB	101	123	0.02%	0.003%
27	7.958	988	993	995	rBV2	372	380	0.05%	0.008%
28	8.275	1035	1045	1059	rBV2	265454	796850	100.00%	16.560%
29	8.707	1110	1116	1127	rVB4	2523	6355	0.80%	0.132%
30	8.842	1130	1138	1150	rBV	235950	465445	58.41%	9.673%
31	9.043	1166	1171	1175	rBV4	684	1325	0.17%	0.028%
32	9.274	1201	1209	1220	rBV	196253	392499	49.26%	8.157%
33	9.415	1226	1232	1243	rVB	8468	16911	2.12%	0.351%
34	9.530	1248	1251	1253	rVB2	165	174	0.02%	0.004%
35	9.671	1268	1274	1280	rVB4	356	676	0.08%	0.014%
36	9.762	1288	1289	1292	rBV2	125	139	0.02%	0.003%

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 Title : SFAM01.0

37	9.927	1312	1316	1318	rVB2	148	187	0.02%	0.004%
38	10.036	1327	1334	1345	rBV	93580	165040	20.71%	3.430%
39	10.219	1362	1364	1366	rVB2	284	217	0.03%	0.005%
40	10.323	1372	1381	1388	rBV	339366	594162	74.56%	12.348%
41	10.390	1388	1392	1400	rVB2	12618	21258	2.67%	0.442%
42	10.506	1406	1411	1414	rBV2	654	973	0.12%	0.020%
43	10.579	1416	1423	1430	rBV	57670	98646	12.38%	2.050%
44	10.707	1438	1444	1450	rVV2	5656	9957	1.25%	0.207%
45	10.927	1473	1480	1490	rBV	78141	130036	16.32%	2.702%
46	11.073	1498	1504	1513	rBV	36348	60252	7.56%	1.252%
47	11.323	1543	1545	1547	rBV2	108	137	0.02%	0.003%
48	11.365	1550	1552	1555	rVV2	142	148	0.02%	0.003%
49	11.420	1557	1561	1563	rVV3	380	539	0.07%	0.011%
50	11.469	1566	1569	1572	rBV2	132	230	0.03%	0.005%
51	11.567	1581	1585	1588	rBV	262	540	0.07%	0.011%
52	11.634	1588	1596	1604	rVV	267128	446887	56.08%	9.287%
53	11.725	1606	1611	1620	rVV4	1185	3224	0.40%	0.067%
54	11.841	1623	1630	1640	rBV2	3688	7218	0.91%	0.150%
55	11.945	1640	1647	1655	rVB3	2936	4887	0.61%	0.102%
56	12.091	1669	1671	1675	rVB2	149	128	0.02%	0.003%
57	12.170	1679	1684	1689	rBV4	1239	2319	0.29%	0.048%
58	12.249	1693	1697	1701	rBV3	180	302	0.04%	0.006%
59	12.335	1706	1711	1719	rBV2	7332	12307	1.54%	0.256%
60	12.463	1727	1732	1737	rBV3	263	504	0.06%	0.010%
61	12.524	1739	1742	1747	rVB2	92	133	0.02%	0.003%
62	12.609	1747	1756	1762	rVB	15099	24736	3.10%	0.514%
63	12.694	1763	1770	1777	rBV	105330	177175	22.23%	3.682%
64	12.755	1777	1780	1785	rVV3	1036	1469	0.18%	0.031%
65	12.792	1785	1786	1789	rVB2	211	119	0.01%	0.002%
66	12.871	1795	1799	1801	rBV2	166	244	0.03%	0.005%
67	12.932	1801	1809	1813	rBV4	1287	2740	0.34%	0.057%
68	13.018	1819	1823	1824	rBB2	147	136	0.02%	0.003%
69	13.054	1824	1829	1834	rBV3	1745	2594	0.33%	0.054%
70	13.097	1834	1836	1839	rBV2	378	482	0.06%	0.010%
71	13.133	1839	1842	1849	rVV4	684	1196	0.15%	0.025%
72	13.274	1857	1865	1874	rVB6	2802	6700	0.84%	0.139%
73	13.396	1879	1885	1893	rBV3	7042	11943	1.50%	0.248%
74	13.469	1893	1897	1901	rBV4	750	1286	0.16%	0.027%
75	13.554	1905	1911	1923	rBV	117200	193588	24.29%	4.023%
76	13.646	1923	1926	1931	rVB	2917	3991	0.50%	0.083%

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 Title : SFAM01.0

77	13.707	1934	1936	1938	rVB	259	228	0.03%	0.005%
78	13.767	1941	1946	1949	rBV3	640	962	0.12%	0.020%
79	13.853	1953	1960	1967	rBV	111663	182942	22.96%	3.802%
80	14.017	1980	1987	1990	rBV4	1192	2416	0.30%	0.050%
81	14.066	1990	1995	2005	rVB2	8096	14874	1.87%	0.309%
82	14.182	2011	2014	2017	rBV3	490	745	0.09%	0.015%
83	14.225	2019	2021	2022	rVB2	217	123	0.02%	0.003%
84	14.322	2031	2037	2045	rBV4	5061	8565	1.07%	0.178%
85	14.517	2066	2069	2077	rVB3	2994	4915	0.62%	0.102%
86	14.584	2077	2080	2081	rBV2	132	132	0.02%	0.003%
87	14.688	2095	2097	2098	rBV2	322	245	0.03%	0.005%
88	14.719	2098	2102	2106	rVB3	2240	3098	0.39%	0.064%
89	14.834	2117	2121	2122	rVB3	296	327	0.04%	0.007%
90	14.877	2122	2128	2134	rBV4	409	906	0.11%	0.019%
91	14.926	2134	2136	2137	rBV2	166	120	0.02%	0.002%
92	14.956	2137	2141	2143	rBV4	317	507	0.06%	0.011%
93	15.017	2146	2151	2160	rVB3	3677	6750	0.85%	0.140%
94	15.127	2166	2169	2172	rBV2	474	698	0.09%	0.015%
95	15.249	2185	2189	2196	rVB3	1648	2484	0.31%	0.052%
96	15.371	2204	2209	2210	rBV3	432	675	0.08%	0.014%
97	15.487	2223	2228	2235	rBV2	2205	4169	0.52%	0.087%
98	15.548	2237	2238	2243	rVB3	881	757	0.09%	0.016%
99	16.432	2381	2383	2386	rBV3	230	252	0.03%	0.005%
100	16.505	2393	2395	2398	rBV2	233	196	0.02%	0.004%

Sum of corrected areas: 4811753

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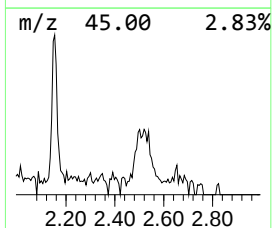
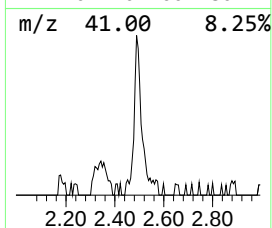
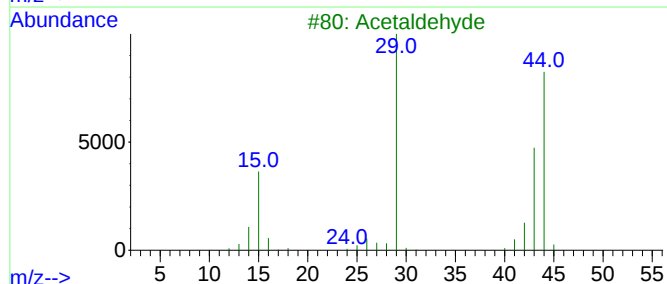
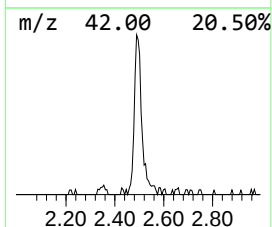
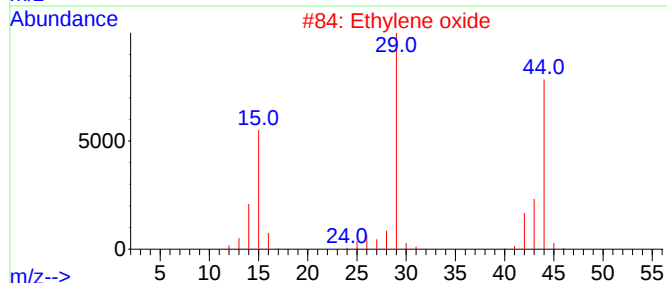
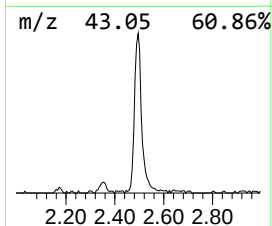
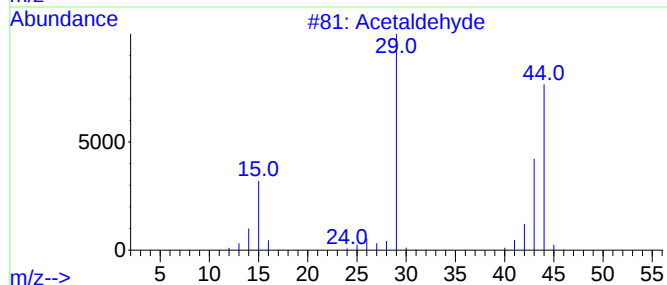
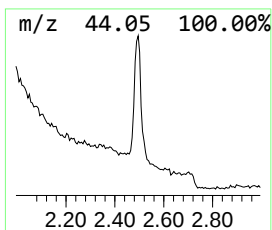
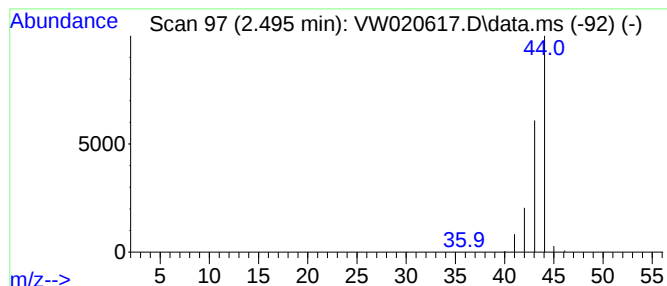
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.495	2.04 ug/L	38013	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Ethylene oxide	44	C2H4O	000075-21-8	9
3			Acetaldehyde	44	C2H4O	000075-07-0	9
4			Ethylene oxide	44	C2H4O	000075-21-8	7
5			Propane	44	C3H8	000074-98-6	5



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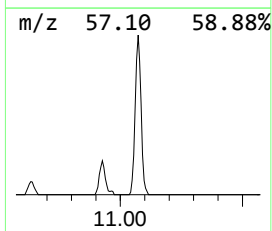
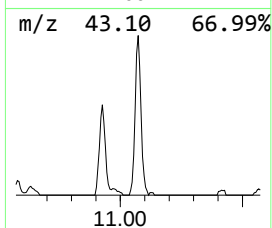
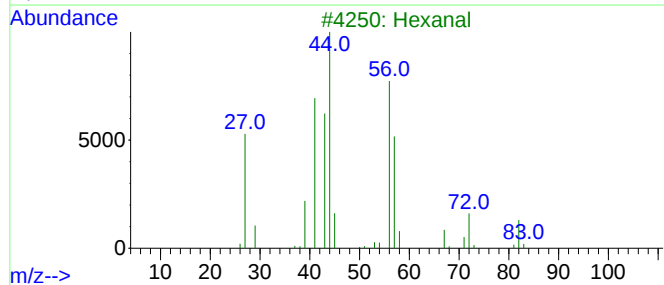
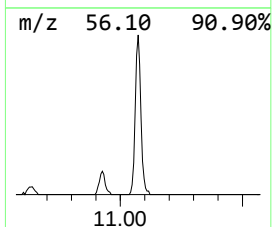
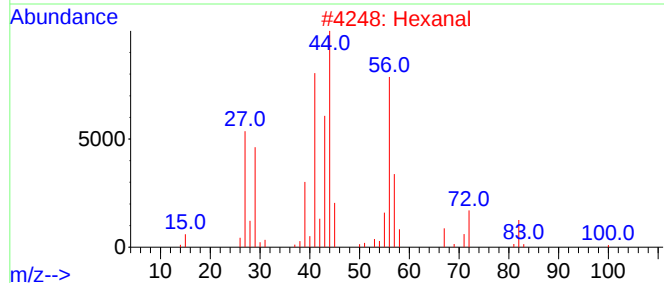
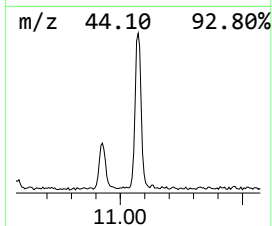
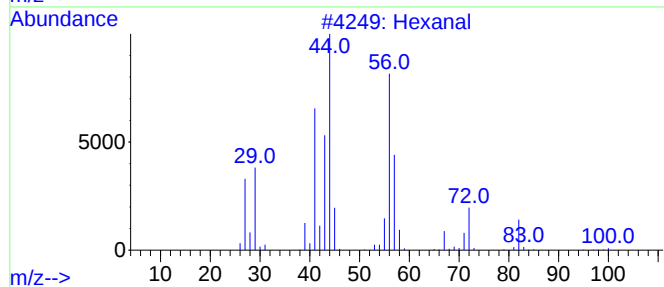
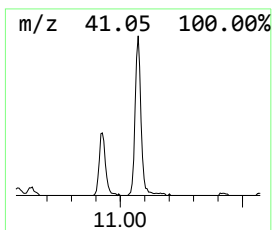
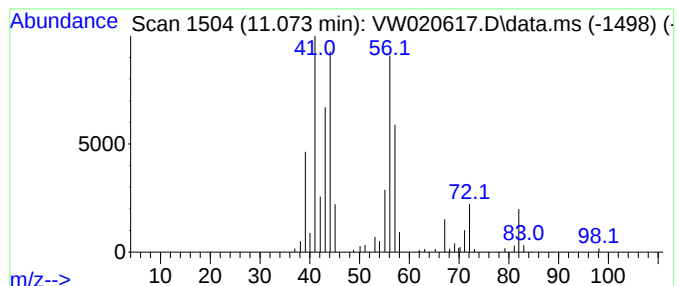
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	3.37 ug/L	60252	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	59



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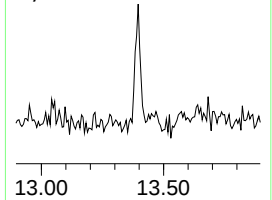
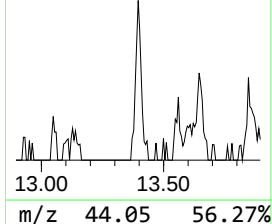
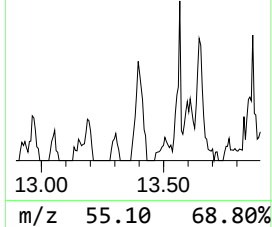
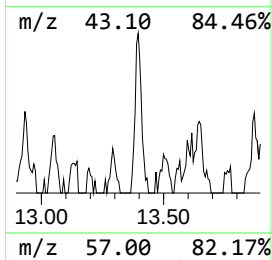
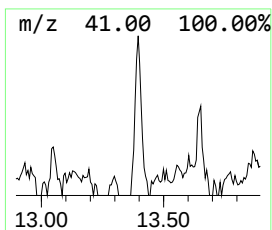
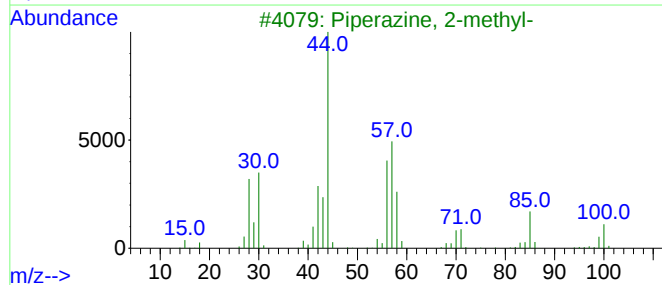
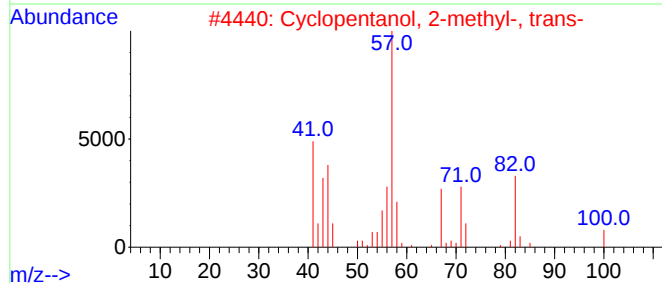
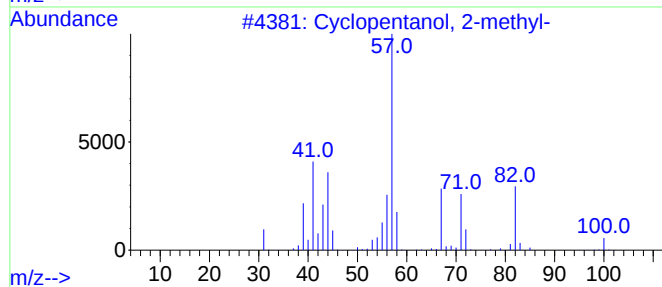
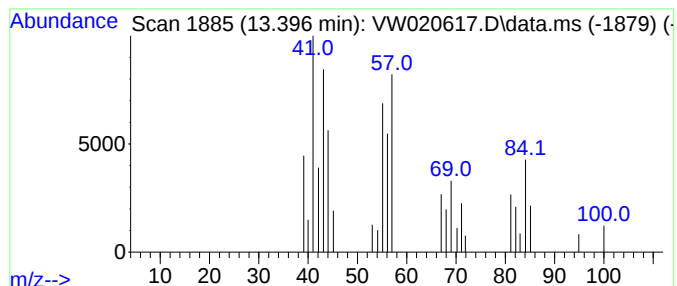
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.54 ug/L	11943	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	43
2			Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	43
3			Piperazine, 2-methyl-	100	C5H12N2	000109-07-9	38
4			Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	38
5			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35



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Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.495	2.0	ug/L	38013	1	8.848	465445	25.0
Hexanal	11.073	3.4	ug/L	60252	2	11.634	446887	25.0
unknown-01	13.396	1.5	ug/L	11943	3	13.554	193588	25.0