

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020097.D
 Acq On : 21 Sep 2021 17:29
 Operator : SY/VA
 Sample : M3813-09
 Misc : 5.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T3

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	35	40	42	rBV	30234	47596	3.07%	0.363%
2	2.215	44	51	69	rVV2	86864	458668	29.56%	3.502%
3	2.355	69	74	92	rVB	130129	293530	18.92%	2.241%
4	2.891	155	162	177	rVB	88062	230893	14.88%	1.763%
5	3.391	240	244	250	rVV4	1164	2142	0.14%	0.016%
6	3.532	262	267	274	rBV4	886	2362	0.15%	0.018%
7	3.733	298	300	303	rVV3	544	654	0.04%	0.005%
8	4.025	334	348	361	rBV	173394	552835	35.63%	4.221%
9	4.251	381	385	387	rVV3	619	957	0.06%	0.007%
10	4.275	387	389	398	rVB3	866	1702	0.11%	0.013%
11	4.391	401	408	413	rBV3	1158	3030	0.20%	0.023%
12	4.672	441	454	466	rBV5	2013	7125	0.46%	0.054%
13	4.922	483	495	510	rBV	21060	75223	4.85%	0.574%
14	5.129	518	529	542	rVB2	3577	13337	0.86%	0.102%
15	5.397	563	573	574	rBV2	1468	3446	0.22%	0.026%
16	5.525	577	594	625	rVB	35622	204723	13.19%	1.563%
17	5.866	647	650	653	rBV2	344	526	0.03%	0.004%
18	5.946	654	663	673	rVB3	6096	18950	1.22%	0.145%
19	6.897	811	819	830	rBV3	3817	10524	0.68%	0.080%
20	6.976	830	832	839	rVB3	395	778	0.05%	0.006%
21	7.080	839	849	866	rBV	43620	132523	8.54%	1.012%
22	7.531	921	923	929	rVB3	380	667	0.04%	0.005%
23	7.653	932	943	959	rBV	270764	660292	42.55%	5.041%
24	7.878	979	980	987	rVB3	424	628	0.04%	0.005%
25	7.958	987	993	1001	rBV7	2312	5853	0.38%	0.045%
26	8.122	1017	1020	1025	rVB	238	479	0.03%	0.004%
27	8.281	1035	1046	1061	rBV2	522064	1551734	100.00%	11.847%
28	8.397	1064	1065	1069	rVB4	624	801	0.05%	0.006%
29	8.525	1082	1086	1087	rBV2	622	915	0.06%	0.007%
30	8.555	1087	1091	1098	rVB4	1620	3532	0.23%	0.027%
31	8.634	1098	1104	1106	rBV2	523	810	0.05%	0.006%
32	8.701	1109	1115	1122	rBV5	2118	5071	0.33%	0.039%
33	8.848	1130	1139	1149	rBV	555503	1083095	69.80%	8.269%
34	9.049	1166	1172	1183	rVB4	3574	8564	0.55%	0.065%
35	9.274	1197	1209	1219	rBV	361232	729075	46.98%	5.566%
36	9.409	1225	1231	1238	rVB2	9376	17698	1.14%	0.135%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Title : SFAM01.0

37	9.671	1269	1274	1276	rBV3	425	599	0.04%	0.005%
38	9.817	1291	1298	1304	rVB2	354	704	0.05%	0.005%
39	10.036	1324	1334	1345	rVV	199081	353688	22.79%	2.700%
40	10.134	1348	1350	1353	rVV3	405	589	0.04%	0.004%
41	10.195	1357	1360	1363	rVV3	256	440	0.03%	0.003%
42	10.329	1373	1382	1388	rBV	725557	1297706	83.63%	9.908%
43	10.390	1388	1392	1402	rVB	43896	77763	5.01%	0.594%
44	10.506	1409	1411	1416	rVV2	482	605	0.04%	0.005%
45	10.579	1416	1423	1437	rVV	133147	231900	14.94%	1.771%
46	10.707	1437	1444	1454	rVB2	24806	45081	2.91%	0.344%
47	10.817	1459	1462	1465	rBV2	291	469	0.03%	0.004%
48	10.927	1473	1480	1490	rBV	185486	305756	19.70%	2.334%
49	11.073	1497	1504	1515	rBV	75639	124468	8.02%	0.950%
50	11.408	1555	1559	1562	rBV4	527	756	0.05%	0.006%
51	11.579	1582	1587	1588	rBV3	333	491	0.03%	0.004%
52	11.634	1588	1596	1606	rBV	789613	1337861	86.22%	10.215%
53	11.841	1625	1630	1635	rVB6	1796	3402	0.22%	0.026%
54	11.945	1643	1647	1651	rBV4	849	1387	0.09%	0.011%
55	12.103	1668	1673	1679	rBV5	725	1481	0.10%	0.011%
56	12.176	1682	1685	1692	rVB4	986	1926	0.12%	0.015%
57	12.243	1692	1696	1700	rBV2	598	776	0.05%	0.006%
58	12.341	1706	1712	1718	rBV	22884	37680	2.43%	0.288%
59	12.457	1729	1731	1734	rBV3	468	538	0.03%	0.004%
60	12.609	1745	1756	1762	rBV	61116	109337	7.05%	0.835%
61	12.695	1762	1770	1777	rBV	291951	477565	30.78%	3.646%
62	12.755	1777	1780	1785	rVB6	1363	2389	0.15%	0.018%
63	12.877	1794	1800	1801	rBV4	476	716	0.05%	0.005%
64	12.944	1804	1811	1818	rVB8	2590	7114	0.46%	0.054%
65	13.018	1818	1823	1824	rBV4	457	566	0.04%	0.004%
66	13.048	1825	1828	1832	rVB5	693	926	0.06%	0.007%
67	13.097	1834	1836	1837	rBV2	522	460	0.03%	0.004%
68	13.188	1847	1851	1856	rVB2	3006	4539	0.29%	0.035%
69	13.274	1856	1865	1875	rVB4	6837	16477	1.06%	0.126%
70	13.396	1880	1885	1893	rBV3	14794	25698	1.66%	0.196%
71	13.475	1895	1898	1899	rBV2	696	578	0.04%	0.004%
72	13.493	1899	1901	1904	rBV4	1013	1612	0.10%	0.012%
73	13.560	1905	1912	1922	rVV	803755	1285652	82.85%	9.816%
74	13.646	1922	1926	1935	rVB3	15199	24961	1.61%	0.191%
75	13.761	1940	1945	1950	rBV3	2192	4724	0.30%	0.036%
76	13.853	1952	1960	1972	rBV	677002	1086622	70.03%	8.296%

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 Title : SFAM01.0

77	13.987	1979	1982	1984	rBV4	849	1230	0.08%	0.009%
78	14.017	1984	1987	1990	rVV4	1188	2109	0.14%	0.016%
79	14.066	1990	1995	2002	rVB	19796	31697	2.04%	0.242%
80	14.200	2011	2017	2018	rBV3	1246	1804	0.12%	0.014%
81	14.219	2018	2020	2025	rVV5	948	1261	0.08%	0.010%
82	14.261	2025	2027	2029	rVB3	536	468	0.03%	0.004%
83	14.322	2029	2037	2044	rBV4	9524	17352	1.12%	0.132%
84	14.523	2061	2070	2078	rVB4	1448	3211	0.21%	0.025%
85	14.621	2081	2086	2090	rBV4	1600	2794	0.18%	0.021%
86	14.712	2099	2101	2106	rVB3	863	1143	0.07%	0.009%
87	14.950	2136	2140	2144	rBV5	1505	2346	0.15%	0.018%
88	15.127	2165	2169	2174	rBV4	1695	3049	0.20%	0.023%
89	15.176	2174	2177	2181	rBV4	2302	2932	0.19%	0.022%
90	15.365	2204	2208	2211	rVV2	1012	1732	0.11%	0.013%
91	15.395	2211	2213	2218	rVB6	1311	2016	0.13%	0.015%
92	15.487	2223	2228	2232	rVV	3035	5223	0.34%	0.040%
93	15.548	2234	2238	2242	rVB4	1147	2008	0.13%	0.015%
94	15.676	2256	2259	2262	rVB4	340	500	0.03%	0.004%
95	15.798	2275	2279	2284	rVB5	1236	1913	0.12%	0.015%
96	15.852	2285	2288	2291	rBV4	377	512	0.03%	0.004%
97	15.962	2302	2306	2311	rVB4	1194	2210	0.14%	0.017%
98	16.048	2317	2320	2322	rBV3	555	604	0.04%	0.005%
99	16.096	2326	2328	2331	rVV2	648	685	0.04%	0.005%
100	16.328	2361	2366	2371	rVB6	1169	2090	0.13%	0.016%

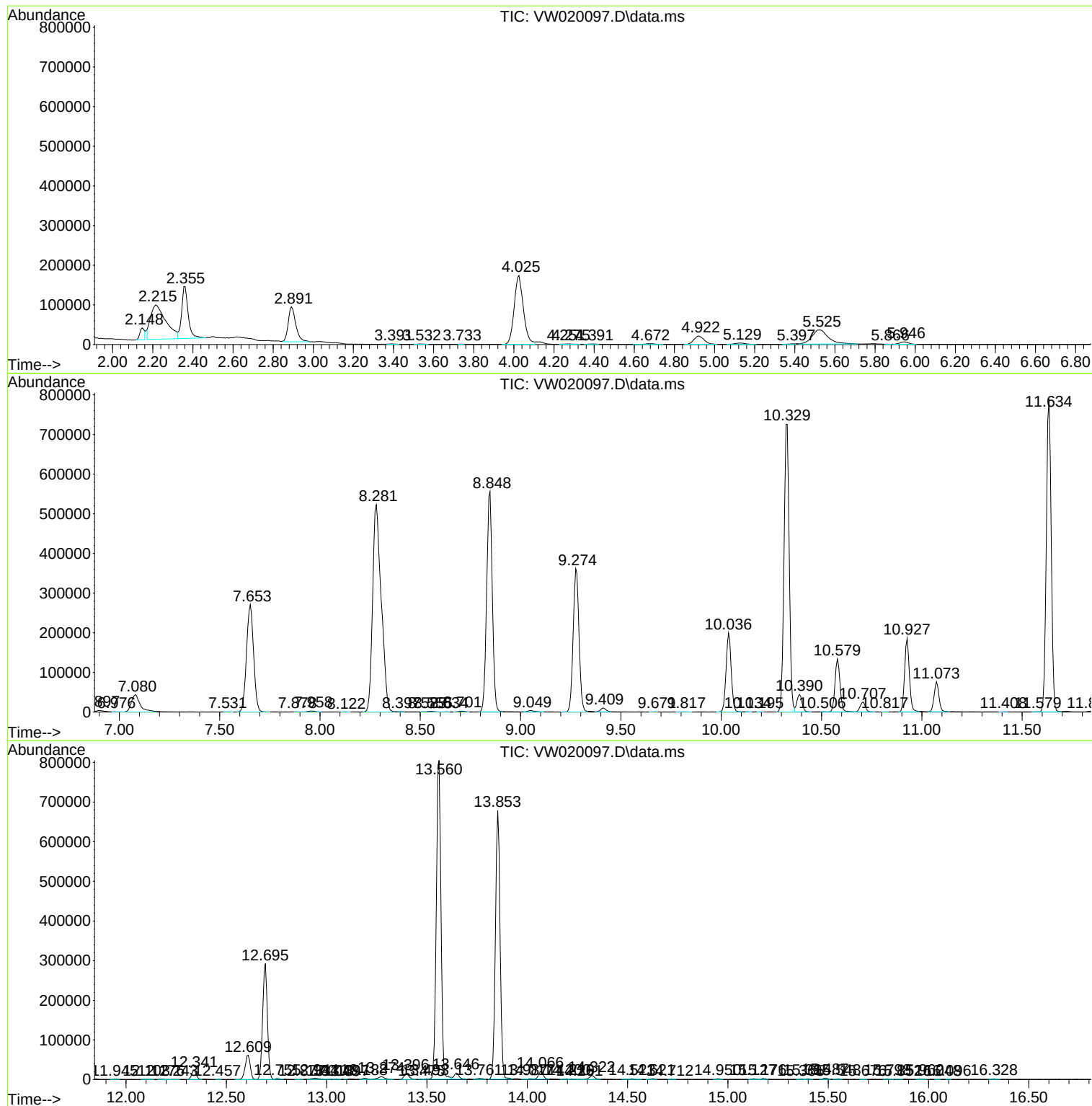
Sum of corrected areas: 13097629

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



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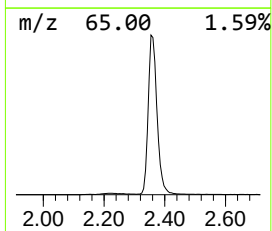
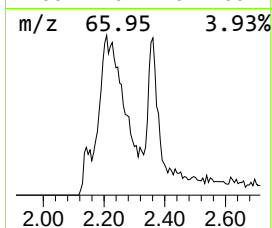
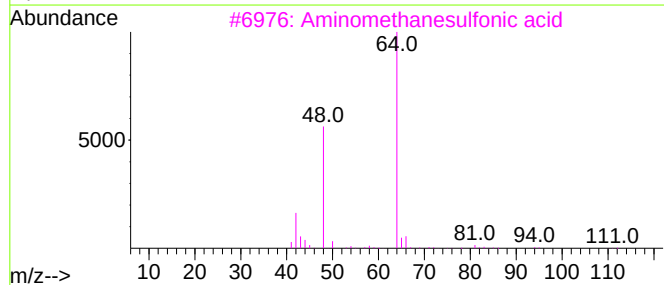
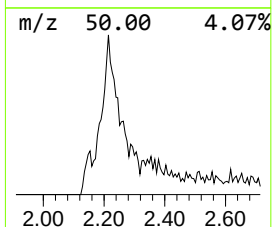
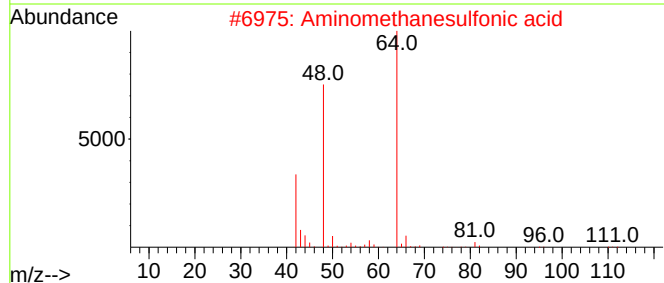
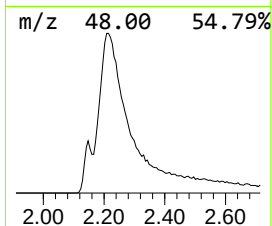
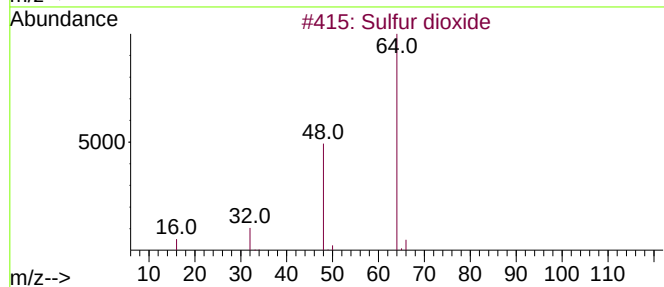
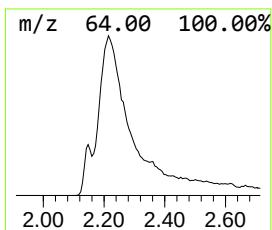
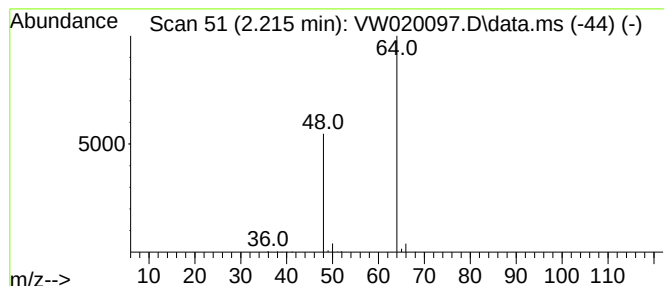
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.215	10.59 ug/L	458668	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Sulfur dioxide	64	O2S	007446-09-5	5



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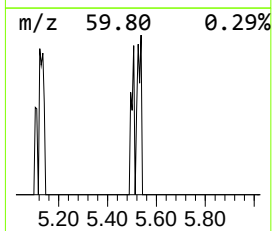
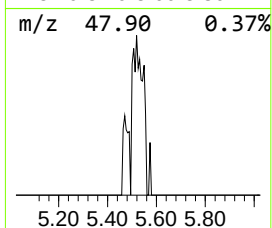
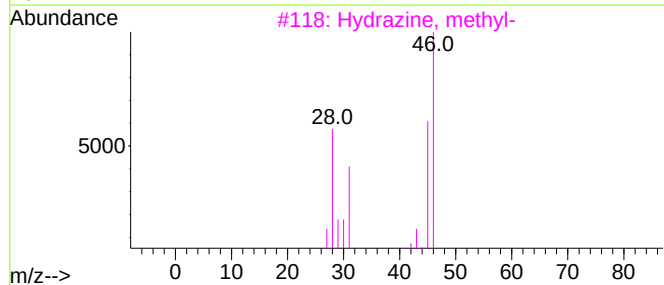
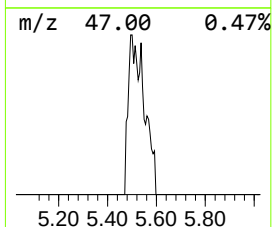
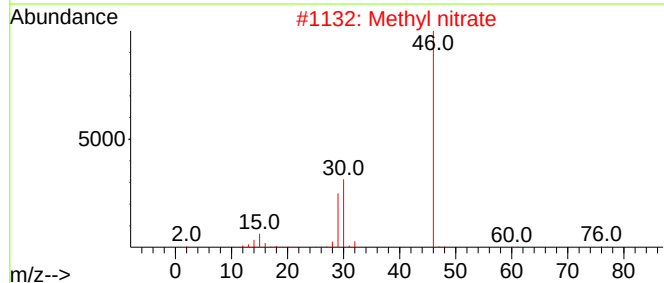
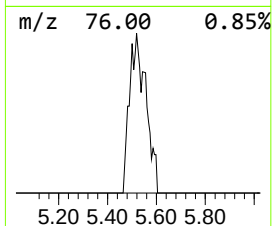
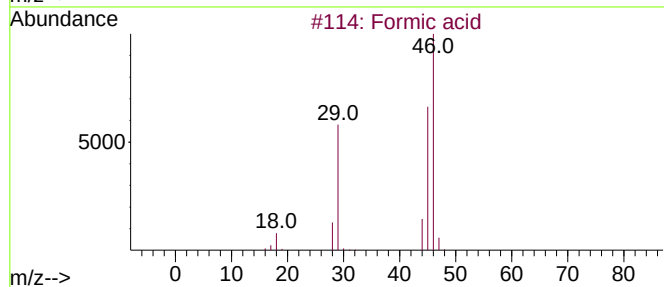
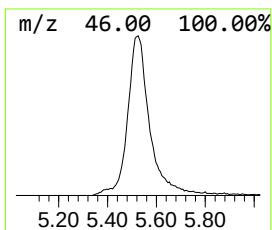
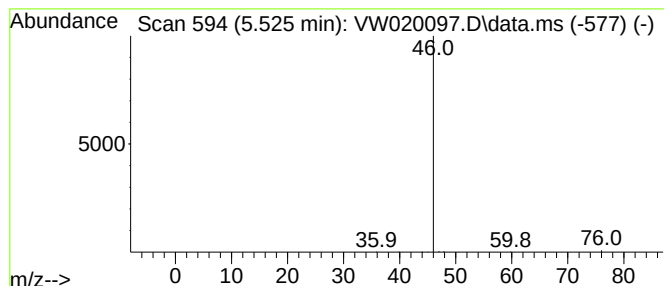
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.525	4.73 ug/L	204723	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid	46	CH2O2	000064-18-6	4
2			Methyl nitrate	77	CH3NO3	000598-58-3	4
3			Hydrazine, methyl-	46	CH6N2	000060-34-4	3
4			Hydrazine, methyl-	46	CH6N2	000060-34-4	3
5			Ethene, fluoro-	46	C2H3F	000075-02-5	3



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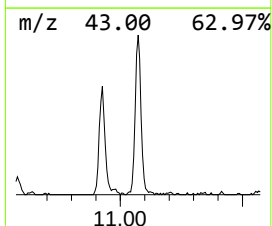
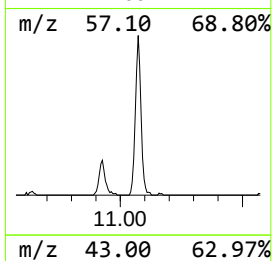
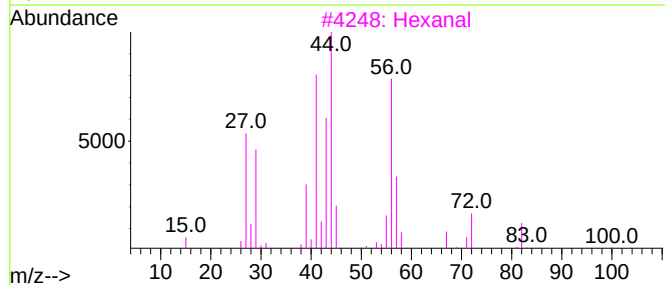
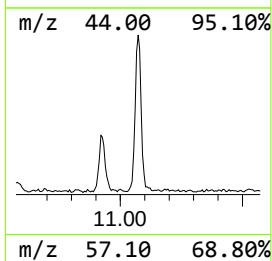
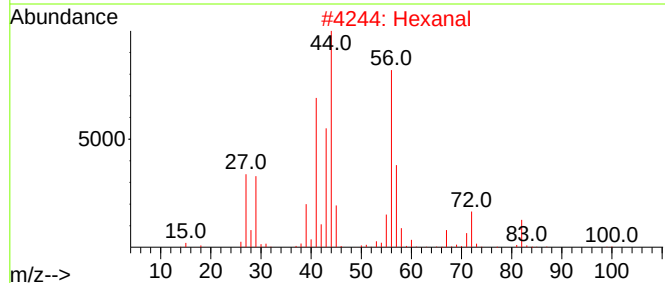
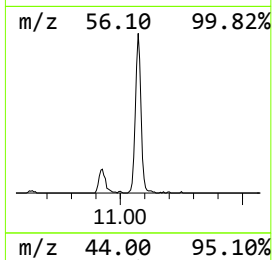
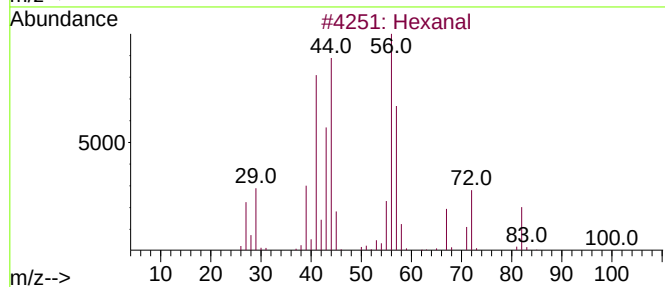
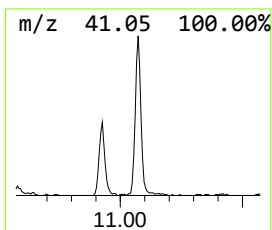
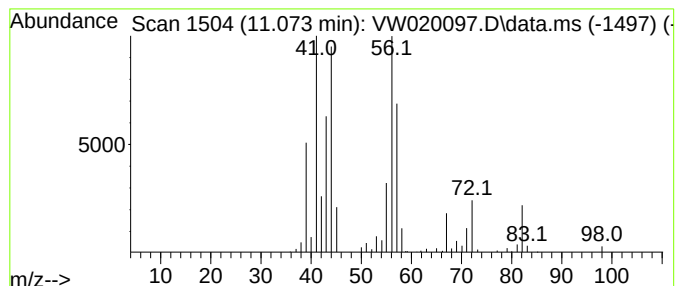
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	2.33 ug/L	124468	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Cyclopentanol, 2-methyl-, trans-			100	C6H12O	025144-04-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020097.D
Acq On : 21 Sep 2021 17:29
Operator : SY/VA
Sample : M3813-09
Misc : 5.19g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
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
Sulfur dioxide	2.215	10.6	ug/L	458668	1	8.848	1083100	25.0
unknown-01	5.525	4.7	ug/L	204723	1	8.848	1083100	25.0
Hexanal	11.073	2.3	ug/L	124468	2	11.634	1337860	25.0