

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020634.D
 Acq On : 20 Oct 2021 02:51
 Operator : SY/VA
 Sample : M4263-20
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G3

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: VW020634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.343	67	72	80	rBV	66720	106499	11.61%	1.721%
2	2.489	91	96	110	rVB	26438	46798	5.10%	0.756%
3	2.800	143	147	153	rBV2	887	2017	0.22%	0.033%
4	2.879	153	160	171	rBV	30460	64589	7.04%	1.044%
5	4.013	331	346	358	rBV	90202	271249	29.58%	4.383%
6	4.123	358	364	379	rVB	14784	40116	4.37%	0.648%
7	4.379	398	406	417	rBV2	1327	4771	0.52%	0.077%
8	4.617	441	445	447	rVV3	257	439	0.05%	0.007%
9	4.672	450	454	462	rVV2	762	2227	0.24%	0.036%
10	4.915	484	494	503	rBV4	3079	10199	1.11%	0.165%
11	5.379	564	570	571	rBV2	214	309	0.03%	0.005%
12	5.793	629	638	649	rBV5	1763	5341	0.58%	0.086%
13	5.940	654	662	668	rVB5	1032	2950	0.32%	0.048%
14	6.116	683	691	701	rVB4	546	1721	0.19%	0.028%
15	6.415	733	740	742	rBV2	114	250	0.03%	0.004%
16	6.903	812	820	829	rBV3	3262	9356	1.02%	0.151%
17	7.080	840	849	861	rBV	24629	69973	7.63%	1.131%
18	7.171	861	864	877	rVB	2489	6577	0.72%	0.106%
19	7.647	932	942	958	rVV	154117	374713	40.86%	6.055%
20	7.976	994	996	1004	rBV3	245	359	0.04%	0.006%
21	8.275	1035	1045	1059	rBV2	307639	917068	100.00%	14.820%
22	8.707	1109	1116	1125	rVB4	2862	7160	0.78%	0.116%
23	8.842	1130	1138	1154	rBV	311123	598905	65.31%	9.678%
24	9.049	1167	1172	1174	rBV3	716	1007	0.11%	0.016%
25	9.152	1185	1189	1194	rVB3	344	663	0.07%	0.011%
26	9.274	1200	1209	1219	rBV	222775	442542	48.26%	7.152%
27	9.408	1225	1231	1242	rVB	10909	21429	2.34%	0.346%
28	9.518	1242	1249	1250	rBV3	167	301	0.03%	0.005%
29	9.665	1269	1273	1277	rVB2	223	345	0.04%	0.006%
30	9.793	1286	1294	1296	rBV2	100	224	0.02%	0.004%
31	9.921	1312	1315	1318	rBV2	251	309	0.03%	0.005%
32	10.036	1326	1334	1342	rBV	109793	193529	21.10%	3.127%
33	10.122	1346	1348	1350	rBV3	239	229	0.02%	0.004%
34	10.146	1350	1352	1356	rVB3	274	391	0.04%	0.006%
35	10.323	1372	1381	1388	rBV	426493	735867	80.24%	11.892%
36	10.384	1388	1391	1399	rVB2	13882	24053	2.62%	0.389%

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 Title : SFAM01.0

37	10.506	1406	1411	1415	rVB3	1344	1986	0.22%	0.032%
38	10.579	1415	1423	1429	rBV	71992	121672	13.27%	1.966%
39	10.701	1438	1443	1449	rVB2	4942	8719	0.95%	0.141%
40	10.927	1473	1480	1491	rBV	102210	176892	19.29%	2.859%

41	11.073	1497	1504	1516	rBV	55083	91597	9.99%	1.480%
42	11.195	1522	1524	1529	rVB3	236	355	0.04%	0.006%
43	11.323	1541	1545	1547	rBV2	205	341	0.04%	0.006%
44	11.420	1554	1561	1565	rBV3	748	1364	0.15%	0.022%
45	11.567	1580	1585	1588	rVB3	268	415	0.05%	0.007%

46	11.628	1588	1595	1605	rBV	377888	654316	71.35%	10.574%
47	11.731	1605	1612	1618	rVV6	934	2576	0.28%	0.042%
48	11.841	1625	1630	1638	rBV4	3223	6247	0.68%	0.101%
49	11.945	1642	1647	1656	rVB	5273	8817	0.96%	0.142%
50	12.091	1669	1671	1675	rVB3	398	447	0.05%	0.007%

51	12.176	1679	1685	1690	rVB6	701	1274	0.14%	0.021%
52	12.237	1690	1695	1701	rBV2	395	557	0.06%	0.009%
53	12.335	1703	1711	1720	rBV	14550	24024	2.62%	0.388%
54	12.603	1747	1755	1763	rBV2	12114	20177	2.20%	0.326%
55	12.694	1763	1770	1776	rBV	134266	225511	24.59%	3.644%

56	12.749	1776	1779	1784	rVB3	663	1034	0.11%	0.017%
57	12.871	1795	1799	1800	rBV2	169	243	0.03%	0.004%
58	12.932	1802	1809	1819	rVB4	1744	4135	0.45%	0.067%
59	13.018	1819	1823	1824	rBV2	157	206	0.02%	0.003%
60	13.048	1824	1828	1834	rBV3	3513	5628	0.61%	0.091%

61	13.097	1834	1836	1839	rVV2	728	741	0.08%	0.012%
62	13.133	1839	1842	1845	rVV3	425	558	0.06%	0.009%
63	13.188	1848	1851	1857	rVB2	704	1002	0.11%	0.016%
64	13.274	1857	1865	1873	rVB4	5183	11334	1.24%	0.183%
65	13.396	1878	1885	1893	rBV2	16637	26469	2.89%	0.428%

66	13.475	1893	1898	1904	rBV4	1299	2661	0.29%	0.043%
67	13.554	1904	1911	1923	rBV	242518	392531	42.80%	6.343%
68	13.646	1923	1926	1933	rVB	3174	5365	0.59%	0.087%
69	13.719	1933	1938	1939	rBV	161	282	0.03%	0.005%
70	13.761	1942	1945	1949	rBV4	542	671	0.07%	0.011%

71	13.853	1951	1960	1967	rBV	197125	326181	35.57%	5.271%
72	14.017	1982	1987	1991	rBV3	2470	3881	0.42%	0.063%
73	14.066	1991	1995	2005	rVB2	6662	11534	1.26%	0.186%
74	14.145	2005	2008	2010	rVB2	211	208	0.02%	0.003%
75	14.188	2010	2015	2018	rBV2	383	700	0.08%	0.011%

76	14.261	2025	2027	2029	rBV3	237	240	0.03%	0.004%
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 Title : SFAM01.0

77	14.322	2031	2037	2044	rVV	19390	30250	3.30%	0.489%
78	14.493	2061	2065	2066	rVV3	600	718	0.08%	0.012%
79	14.523	2066	2070	2074	rVV3	1777	2907	0.32%	0.047%
80	14.578	2077	2079	2082	rVB3	184	233	0.03%	0.004%
81	14.621	2082	2086	2089	rBV3	453	792	0.09%	0.013%
82	14.658	2089	2092	2095	rVV2	335	473	0.05%	0.008%
83	14.688	2095	2097	2098	rVV	336	278	0.03%	0.004%
84	14.719	2098	2102	2108	rVB4	1478	2146	0.23%	0.035%
85	14.883	2123	2129	2134	rVB5	1045	1809	0.20%	0.029%
86	14.950	2135	2140	2145	rBV5	945	1567	0.17%	0.025%
87	15.017	2145	2151	2156	rBV5	3187	5563	0.61%	0.090%
88	15.176	2169	2177	2183	rVV3	2476	4610	0.50%	0.074%
89	15.249	2184	2189	2195	rVB5	1210	1951	0.21%	0.032%
90	15.389	2204	2212	2221	rBV7	1826	3745	0.41%	0.061%
91	15.487	2222	2228	2232	rBV	1798	2977	0.32%	0.048%
92	15.645	2251	2254	2256	rBV3	184	251	0.03%	0.004%
93	15.688	2259	2261	2264	rVB2	162	210	0.02%	0.003%
94	15.755	2269	2272	2276	rBV3	596	1030	0.11%	0.017%
95	15.846	2282	2287	2291	rBV3	670	1332	0.15%	0.022%
96	15.962	2300	2306	2313	rBV6	1045	1748	0.19%	0.028%
97	16.054	2317	2321	2324	rBV3	253	385	0.04%	0.006%
98	16.090	2324	2327	2331	rBV3	557	831	0.09%	0.013%
99	16.352	2361	2370	2383	rBV	4667	14656	1.60%	0.237%
100	16.554	2400	2403	2406	rVB2	170	206	0.02%	0.003%

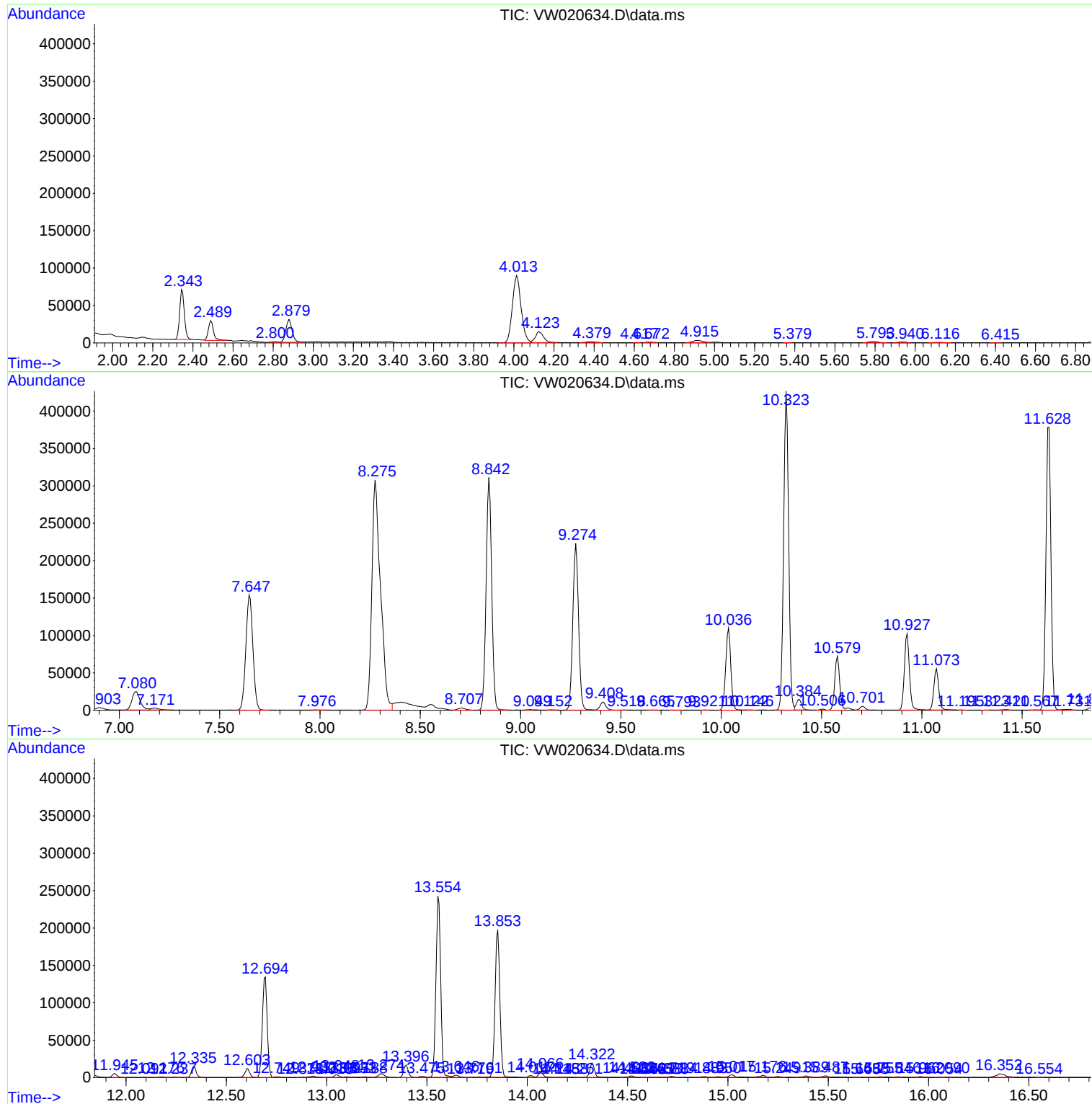
Sum of corrected areas: 6188034

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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



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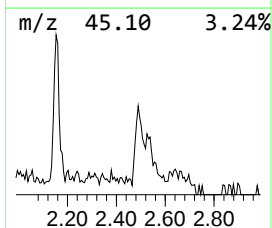
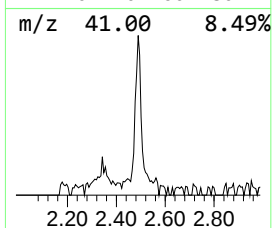
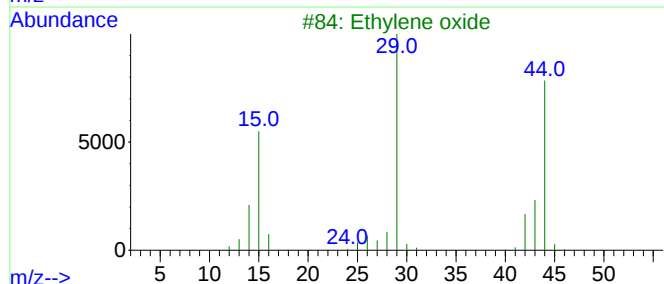
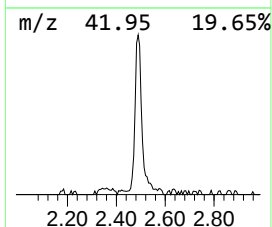
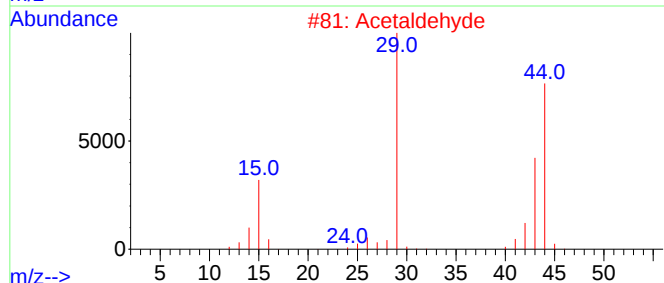
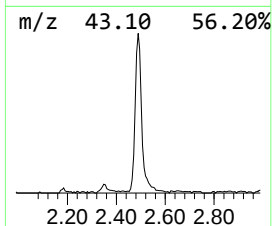
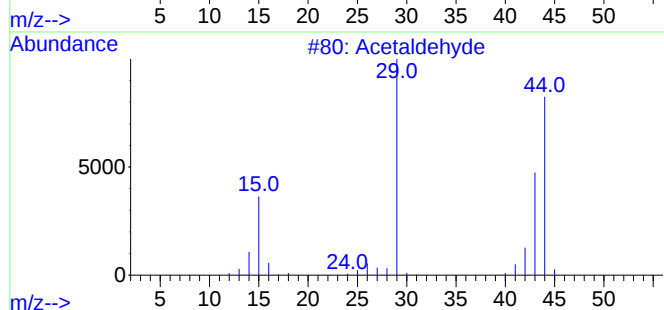
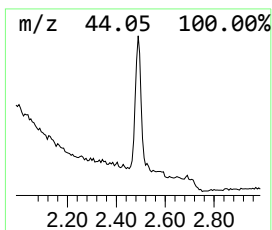
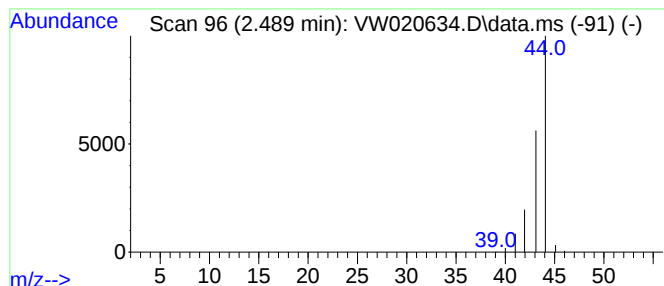
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.95 ug/L	46798	1,4-Difluorobenzene	8.842

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



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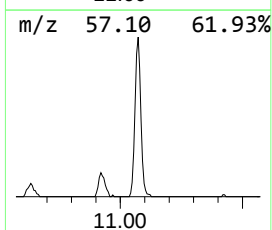
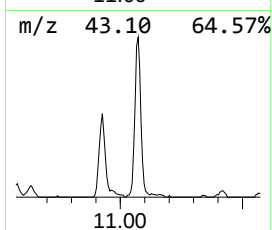
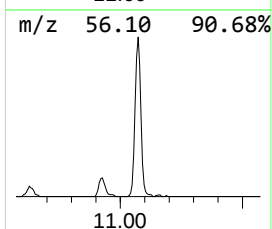
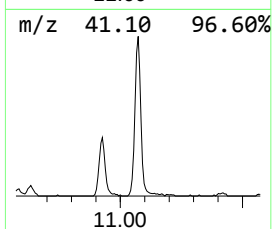
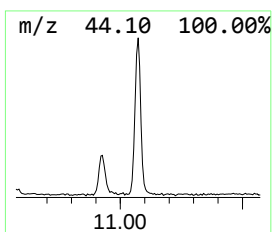
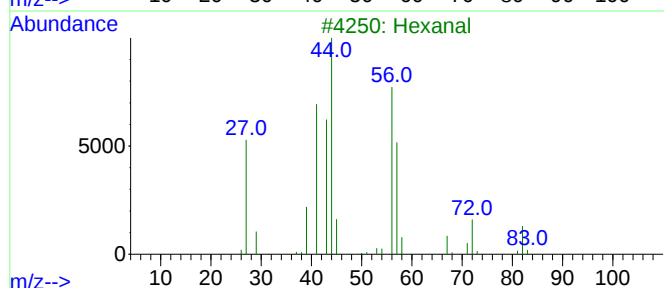
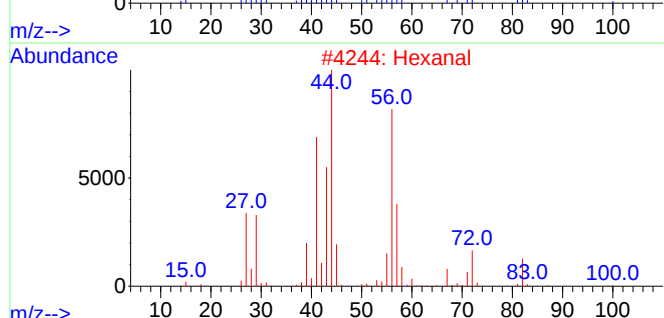
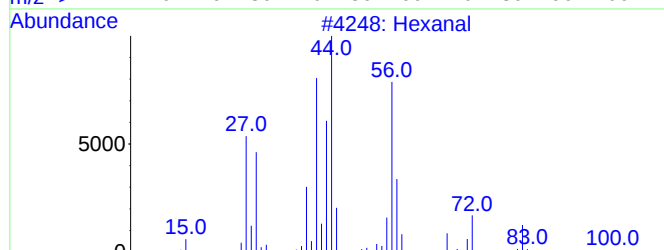
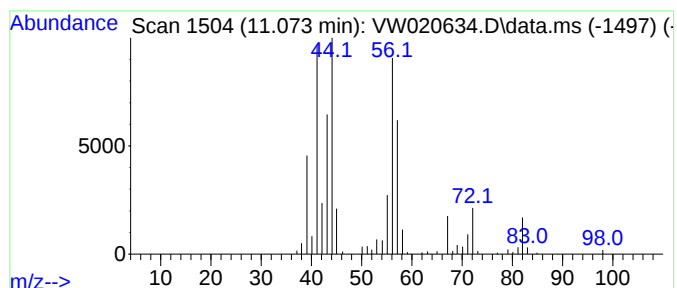
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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	3.50 ug/L	91597	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	50



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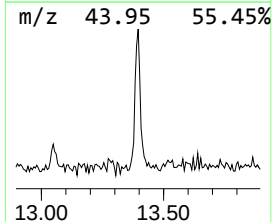
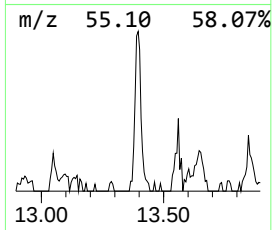
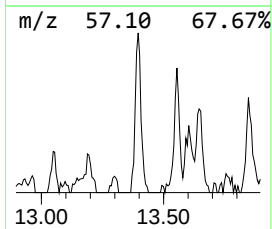
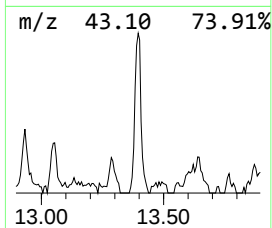
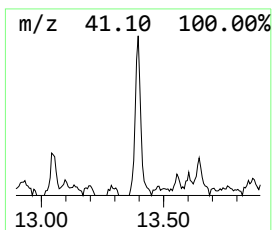
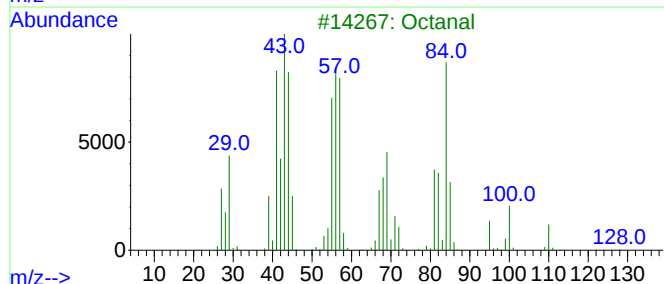
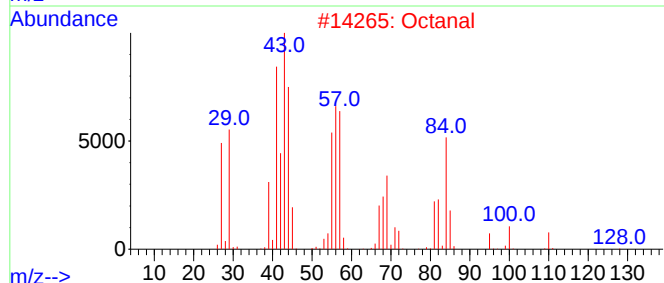
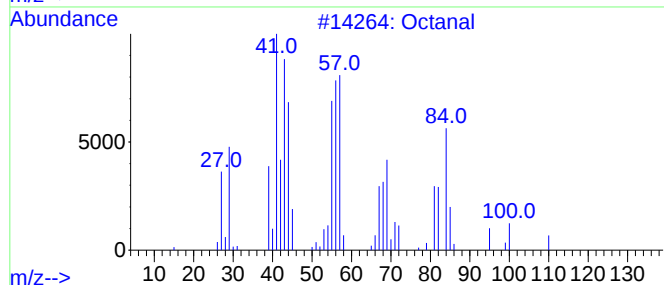
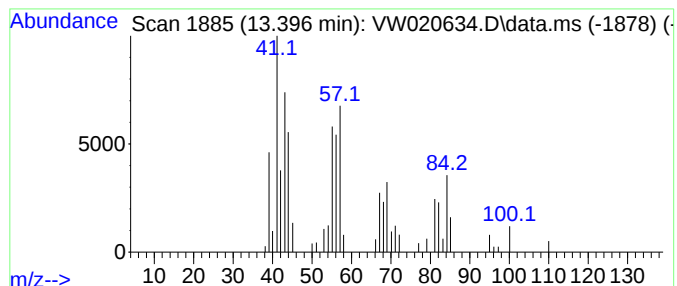
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.69 ug/L	26469	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	83
2	Octanal			128	C8H16O	000124-13-0	64
3	Octanal			128	C8H16O	000124-13-0	58
4	Octanal			128	C8H16O	000124-13-0	52
5	Octanal			128	C8H16O	000124-13-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020634.D
Acq On : 20 Oct 2021 02:51
Operator : SY/VA
Sample : M4263-20
Misc : 5.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7G3

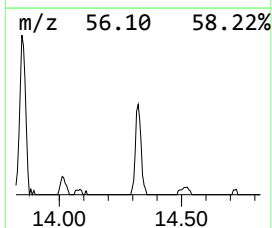
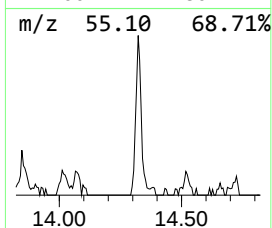
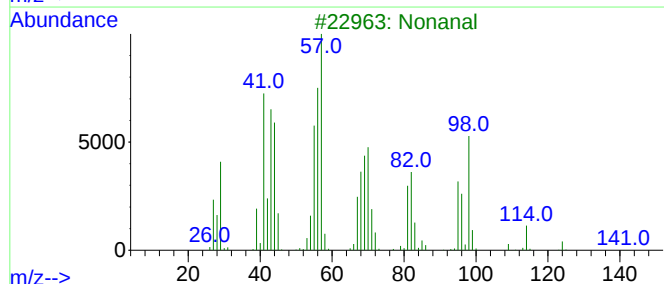
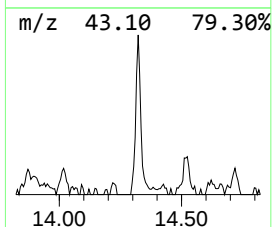
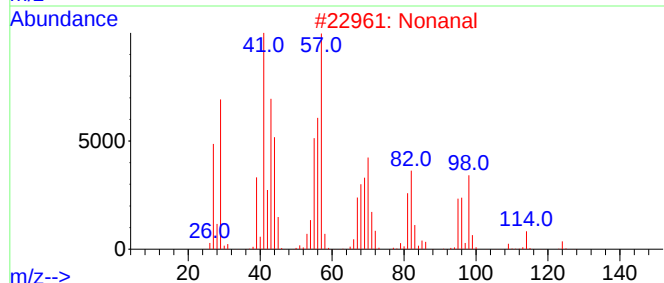
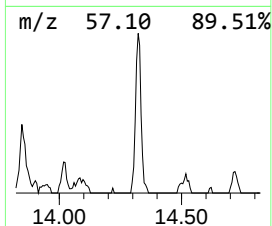
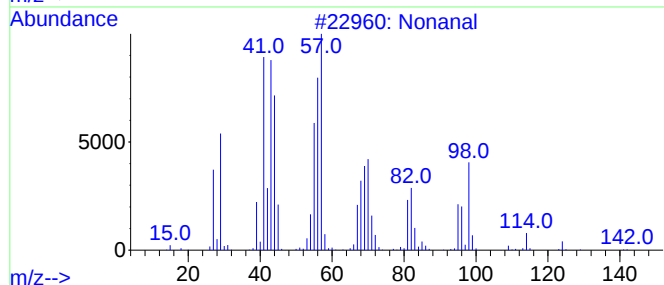
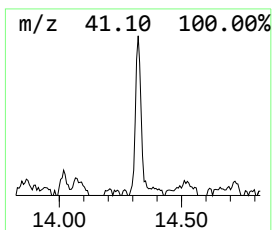
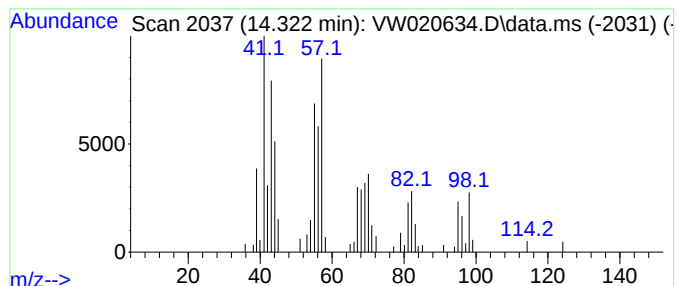
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Quant Title : SFAM01.0

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

Peak Number 6 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	1.93 ug/L	30250	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	86
2	Nonanal			142	C9H18O	000124-19-6	83
3	Nonanal			142	C9H18O	000124-19-6	83
4	2-Hepten-1-ol, (E)-			114	C7H14O	033467-76-4	41
5	Cycloheptane			98	C7H14	000291-64-5	38



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GB7G3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.489	2.0	ug/L	46798	1	8.842	598905	25.0
Hexanal	11.073	3.5	ug/L	91597	2	11.628	654316	25.0
Octanal	13.396	1.7	ug/L	26469	3	13.554	392531	25.0
Nonanal	14.322	1.9	ug/L	30250	3	13.554	392531	25.0