

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020635.D
 Acq On : 20 Oct 2021 03:15
 Operator : SY/VA
 Sample : M4263-21
 Misc : 4.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7G4

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: VW020635.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	82	rVB	70824	111274	12.48%	1.708%
2	2.489	91	96	109	rVB	25000	47595	5.34%	0.730%
3	2.806	144	148	153	rBV	914	1897	0.21%	0.029%
4	2.879	153	160	176	rVB	27857	64354	7.22%	0.988%
5	3.178	208	209	214	rBV4	286	410	0.05%	0.006%
6	3.373	235	241	251	rVB2	2083	5212	0.58%	0.080%
7	3.501	260	262	264	rBV3	214	226	0.03%	0.003%
8	3.721	292	298	300	rBV3	433	779	0.09%	0.012%
9	4.013	333	346	358	rBV2	77886	237584	26.64%	3.646%
10	4.123	358	364	379	rVV	14340	38119	4.27%	0.585%
11	4.379	397	406	407	rBV2	1331	2800	0.31%	0.043%
12	4.592	438	441	442	rBV	263	236	0.03%	0.004%
13	4.611	442	444	445	rVV	422	305	0.03%	0.005%
14	4.684	448	456	469	rVB2	2091	6509	0.73%	0.100%
15	4.916	483	494	503	rBV3	3349	10657	1.20%	0.164%
16	5.793	628	638	647	rVB2	2667	8814	0.99%	0.135%
17	5.934	653	661	671	rBV5	1389	3758	0.42%	0.058%
18	6.123	684	692	698	rBV4	688	1966	0.22%	0.030%
19	6.903	809	820	829	rBV	6638	18482	2.07%	0.284%
20	6.994	832	835	837	rBV2	168	243	0.03%	0.004%
21	7.080	840	849	860	rBV	23477	65582	7.35%	1.007%
22	7.543	922	925	929	rVV2	224	389	0.04%	0.006%
23	7.647	932	942	959	rVV	148540	371192	41.63%	5.697%
24	7.976	994	996	1002	rVB3	179	292	0.03%	0.004%
25	8.275	1035	1045	1059	rBV2	307559	891709	100.00%	13.686%
26	8.549	1087	1090	1107	rVB2	9946	25840	2.90%	0.397%
27	8.708	1108	1116	1125	rBV2	4586	11593	1.30%	0.178%
28	8.842	1129	1138	1149	rBV	307584	598559	67.12%	9.187%
29	9.043	1166	1171	1180	rBV7	710	1847	0.21%	0.028%
30	9.165	1184	1191	1194	rVB3	445	837	0.09%	0.013%
31	9.275	1201	1209	1220	rBV	213761	433719	48.64%	6.657%
32	9.409	1225	1231	1242	rVB	24614	47766	5.36%	0.733%
33	9.665	1270	1273	1275	rVV2	324	344	0.04%	0.005%
34	9.921	1311	1315	1319	rBV3	602	1094	0.12%	0.017%
35	10.037	1326	1334	1344	rBV	103789	188339	21.12%	2.891%
36	10.323	1372	1381	1388	rBV	424209	722160	80.99%	11.084%

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37	10.390	1388	1392	1403	rVB	14660	26191	2.94%	0.402%
38	10.506	1407	1411	1416	rVB2	1859	2900	0.33%	0.045%
39	10.579	1416	1423	1429	rBV	66318	116118	13.02%	1.782%
40	10.701	1438	1443	1450	rVB2	8447	14540	1.63%	0.223%
41	10.927	1472	1480	1493	rBV	97005	167763	18.81%	2.575%
42	11.073	1496	1504	1515	rBV	178520	289784	32.50%	4.448%
43	11.213	1524	1527	1531	rVB3	410	589	0.07%	0.009%
44	11.414	1554	1560	1567	rVV2	1405	2659	0.30%	0.041%
45	11.567	1581	1585	1588	rBV2	660	913	0.10%	0.014%
46	11.628	1588	1595	1605	rVV	385342	660561	74.08%	10.138%
47	11.695	1605	1606	1608	rVV2	286	311	0.03%	0.005%
48	11.738	1608	1613	1620	rVB4	1953	3568	0.40%	0.055%
49	11.835	1623	1629	1640	rBV3	8808	18535	2.08%	0.284%
50	11.945	1642	1647	1653	rVB2	5718	9735	1.09%	0.149%
51	12.018	1657	1659	1663	rVB2	341	376	0.04%	0.006%
52	12.091	1669	1671	1680	rVB	736	951	0.11%	0.015%
53	12.170	1680	1684	1690	rBV4	733	1542	0.17%	0.024%
54	12.237	1693	1695	1701	rVB2	581	676	0.08%	0.010%
55	12.335	1706	1711	1718	rBV	20204	32027	3.59%	0.492%
56	12.609	1748	1756	1762	rVB2	12944	23451	2.63%	0.360%
57	12.689	1762	1769	1777	rBV	127557	216357	24.26%	3.321%
58	12.756	1777	1780	1784	rVB3	711	1043	0.12%	0.016%
59	12.865	1795	1798	1801	rBV3	231	305	0.03%	0.005%
60	12.896	1801	1803	1804	rVV	922	861	0.10%	0.013%
61	12.932	1806	1809	1818	rVB4	2317	4505	0.51%	0.069%
62	13.048	1823	1828	1832	rBV3	3262	5088	0.57%	0.078%
63	13.097	1832	1836	1840	rVB2	2467	3307	0.37%	0.051%
64	13.134	1840	1842	1843	rBV2	282	268	0.03%	0.004%
65	13.195	1848	1852	1853	rVV4	1096	1530	0.17%	0.023%
66	13.274	1857	1865	1876	rVB6	3507	8640	0.97%	0.133%
67	13.396	1876	1885	1895	rBV	20465	33828	3.79%	0.519%
68	13.481	1895	1899	1904	rVV4	1134	2247	0.25%	0.034%
69	13.554	1904	1911	1923	rVV	271462	447821	50.22%	6.873%
70	13.646	1923	1926	1933	rVB4	2497	3965	0.44%	0.061%
71	13.768	1940	1946	1950	rBV5	958	1958	0.22%	0.030%
72	13.853	1953	1960	1973	rVB	233668	376007	42.17%	5.771%
73	14.018	1982	1987	1991	rBV4	1904	3235	0.36%	0.050%
74	14.072	1991	1996	2004	rVB2	7390	13202	1.48%	0.203%
75	14.182	2011	2014	2016	rBV2	323	394	0.04%	0.006%
76	14.225	2018	2021	2025	rVB3	423	427	0.05%	0.007%

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Title : SFAM01.0

77	14.322	2029	2037	2047	rBV	30019	46178	5.18%	0.709%
78	14.493	2060	2065	2067	rBV6	665	952	0.11%	0.015%
79	14.517	2067	2069	2073	rVB3	1093	1465	0.16%	0.022%
80	14.603	2082	2083	2084	rBV	463	304	0.03%	0.005%
81	14.652	2089	2091	2093	rVV3	559	616	0.07%	0.009%
82	14.719	2096	2102	2109	rVB3	1868	3407	0.38%	0.052%
83	14.780	2109	2112	2114	rBV3	201	280	0.03%	0.004%
84	14.877	2125	2128	2132	rBV4	962	1523	0.17%	0.023%
85	14.950	2136	2140	2145	rVB5	1781	2509	0.28%	0.039%
86	15.017	2145	2151	2156	rBV2	8167	13260	1.49%	0.204%
87	15.066	2157	2159	2161	rBV2	391	327	0.04%	0.005%
88	15.176	2172	2177	2183	rVV	2997	5012	0.56%	0.077%
89	15.243	2186	2188	2192	rVB4	610	805	0.09%	0.012%
90	15.389	2204	2212	2218	rBV8	1105	3119	0.35%	0.048%
91	15.481	2223	2227	2236	rVV2	1777	3522	0.39%	0.054%
92	15.731	2265	2268	2269	rBV	298	355	0.04%	0.005%
93	15.792	2276	2278	2282	rVB2	569	596	0.07%	0.009%
94	15.840	2282	2286	2291	rBV2	1201	1927	0.22%	0.030%
95	15.962	2300	2306	2312	rVV3	1299	2426	0.27%	0.037%
96	16.084	2323	2326	2332	rVB3	428	715	0.08%	0.011%
97	16.310	2360	2363	2364	rVV2	400	494	0.06%	0.008%
98	16.353	2364	2370	2381	rVV2	1487	4635	0.52%	0.071%
99	16.450	2383	2386	2387	rBV3	252	240	0.03%	0.004%
100	16.609	2410	2412	2416	rVB3	196	274	0.03%	0.004%

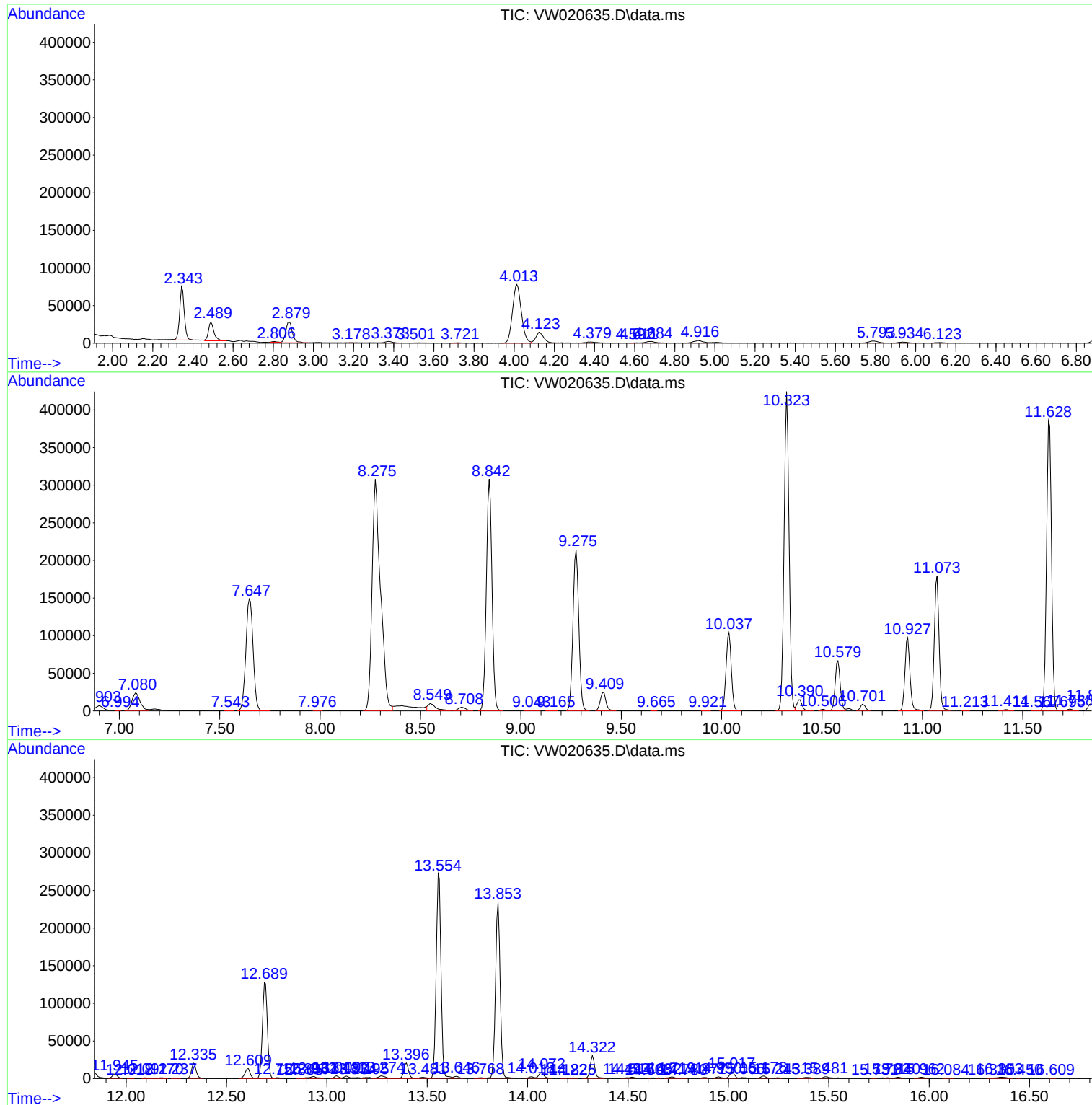
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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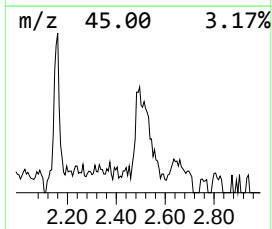
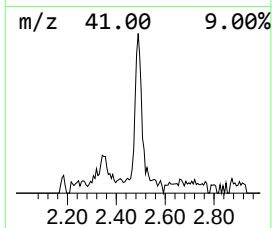
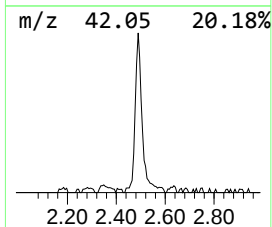
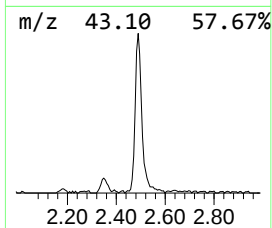
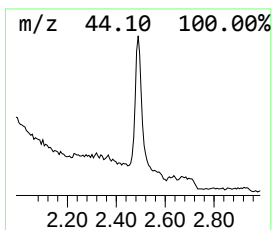
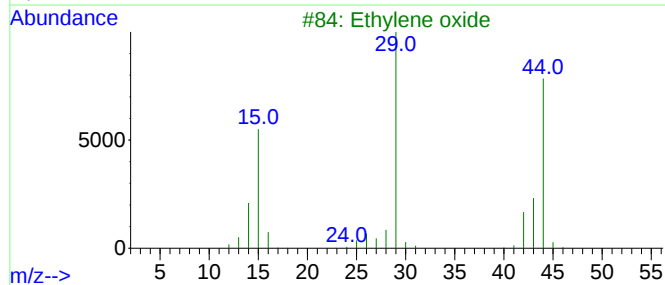
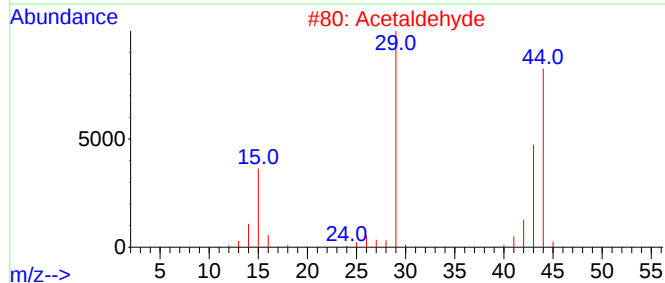
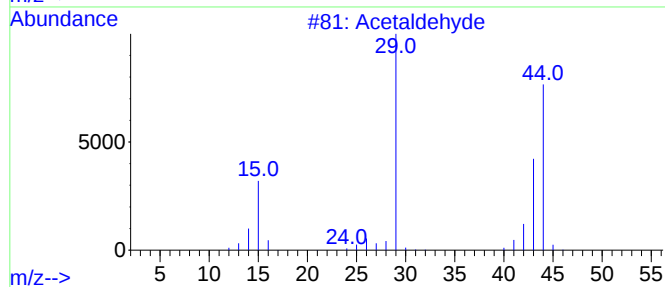
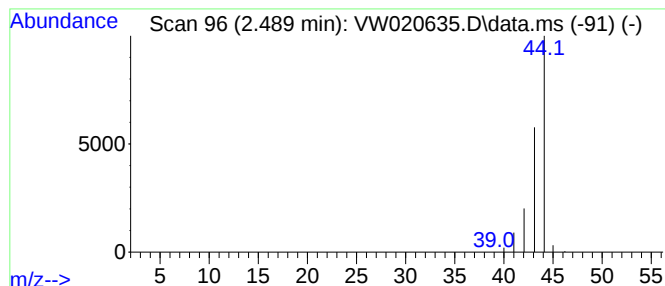
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.99 ug/L	47595	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			Propane	44	C3H8	000074-98-6	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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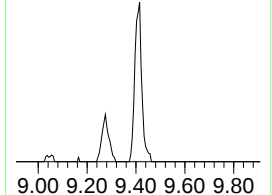
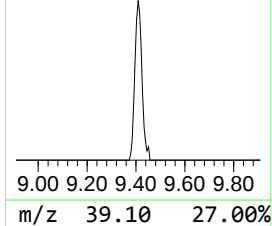
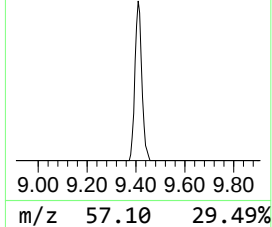
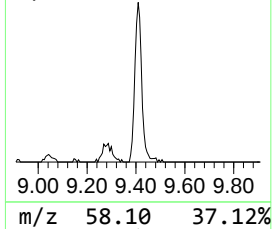
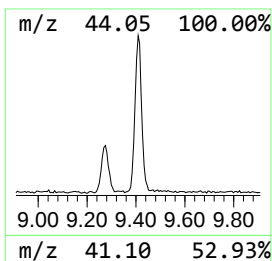
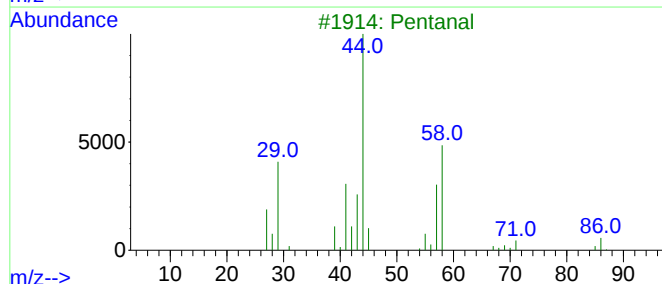
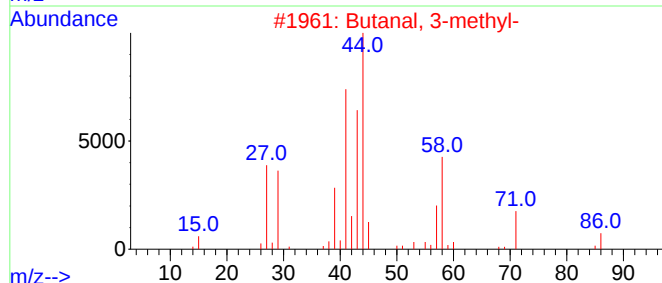
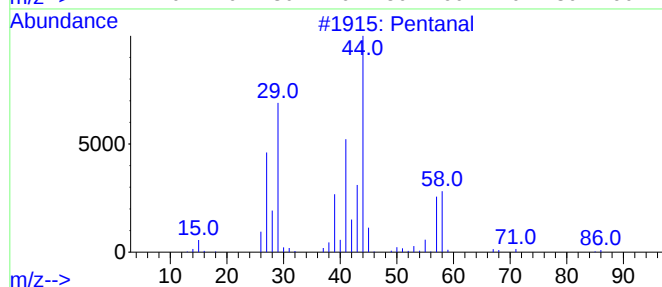
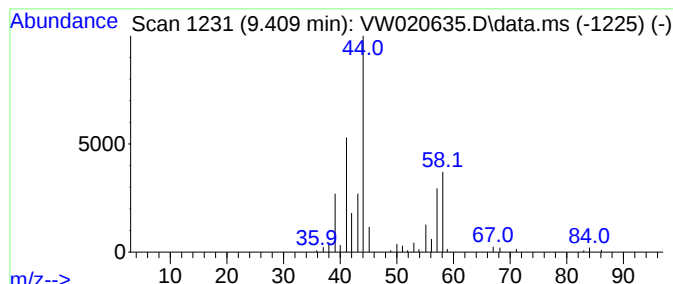
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	2.00 ug/L	47766	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	87
2	Butanal, 3-methyl-			86	C5H10O	000590-86-3	78
3	Pentanal			86	C5H10O	000110-62-3	56
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	50
5	Pentanal			86	C5H10O	000110-62-3	47



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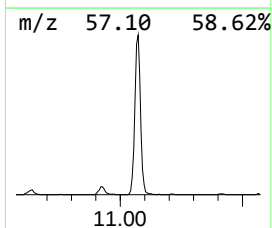
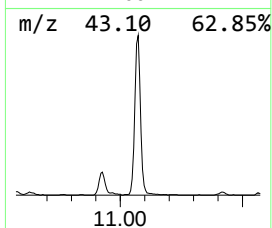
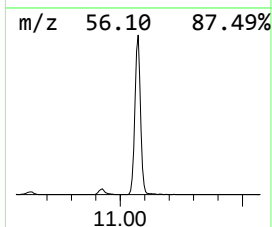
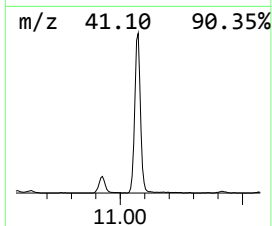
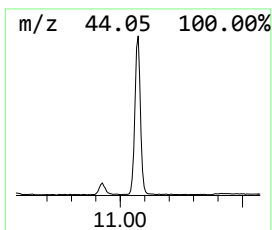
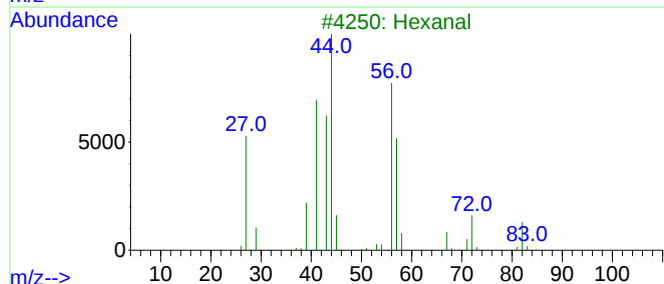
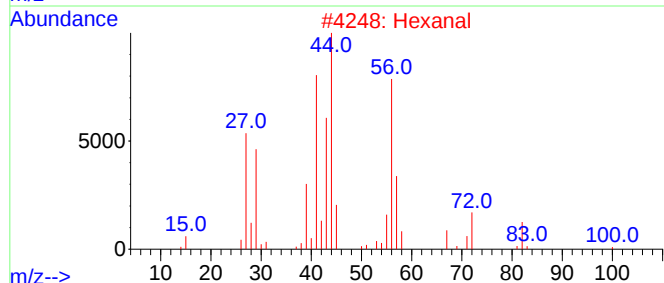
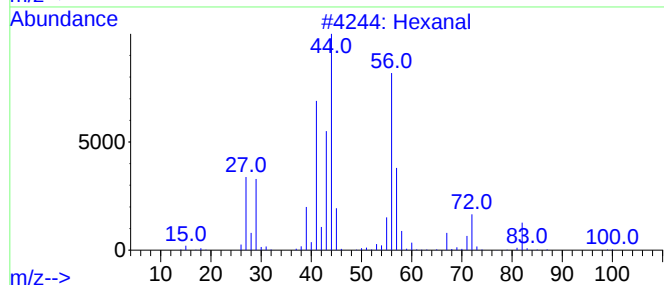
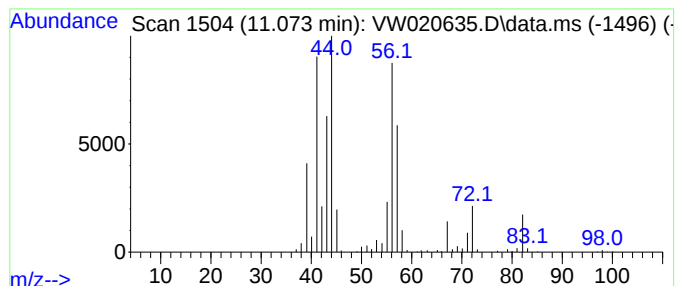
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	10.97 ug/L	289784	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	81
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	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020635.D
Acq On : 20 Oct 2021 03:15
Operator : SY/VA
Sample : M4263-21
Misc : 4.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7G4

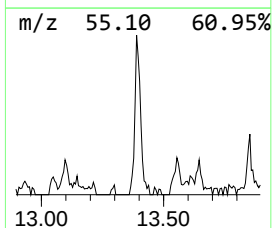
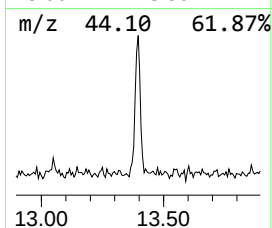
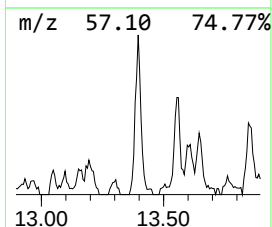
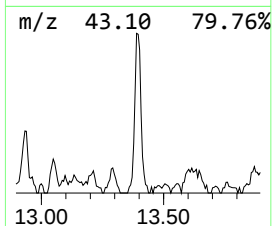
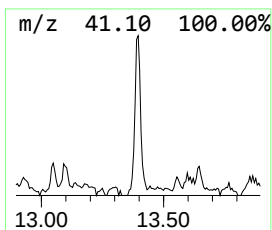
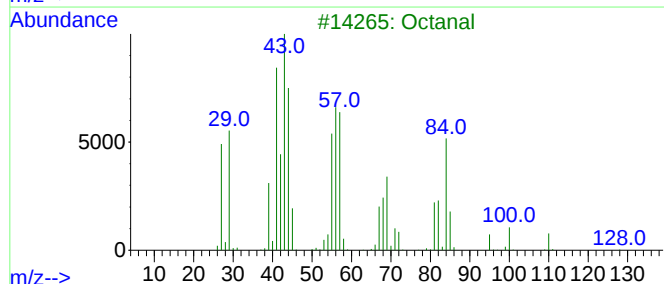
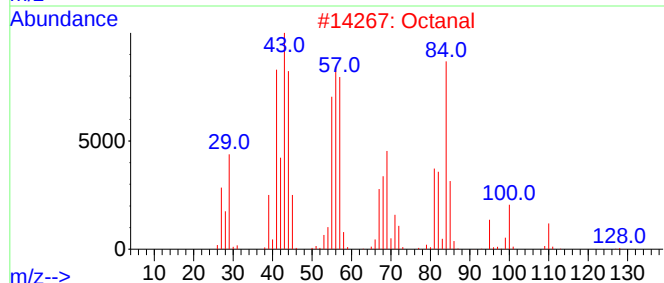
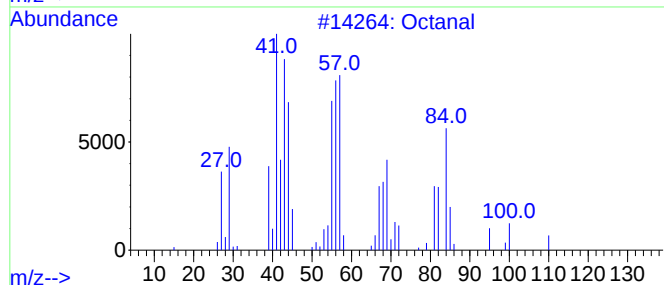
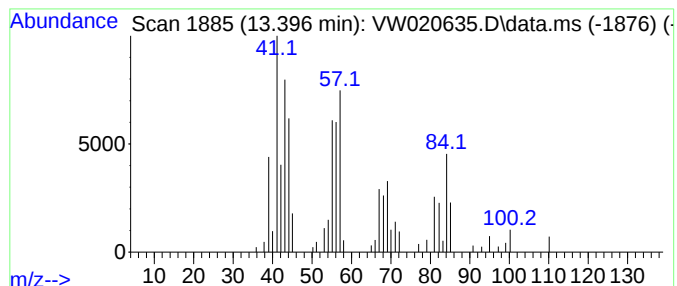
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Quant Title : SFAM01.0

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

Peak Number 6 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.89 ug/L	33828	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	80
3	Octanal			128	C8H16O	000124-13-0	80
4	Octanal			128	C8H16O	000124-13-0	80
5	Octanal			128	C8H16O	000124-13-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020635.D
Acq On : 20 Oct 2021 03:15
Operator : SY/VA
Sample : M4263-21
Misc : 4.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7G4

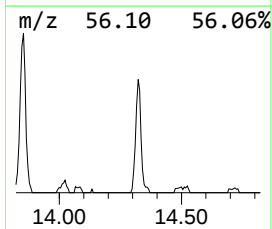
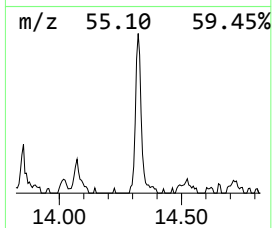
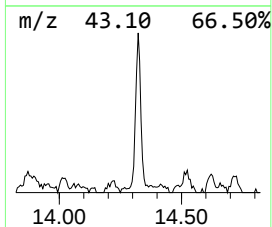
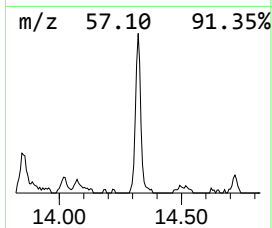
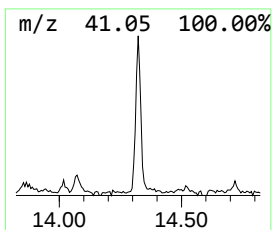
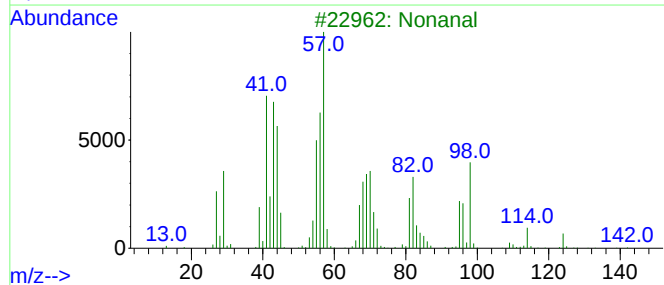
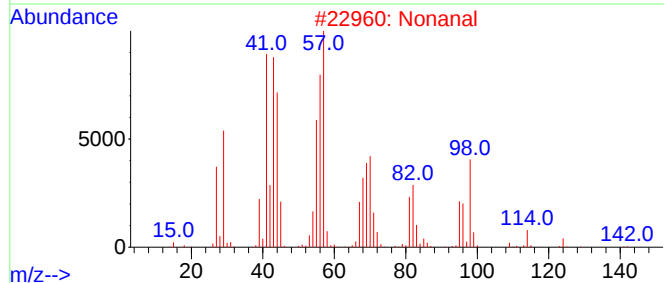
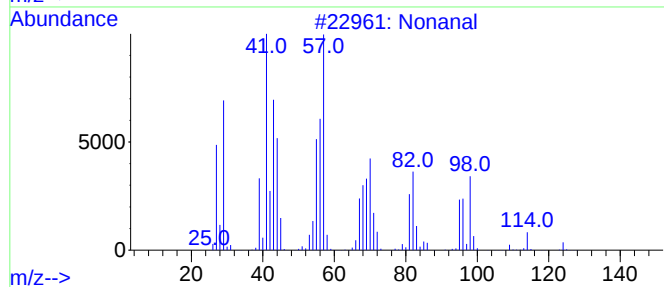
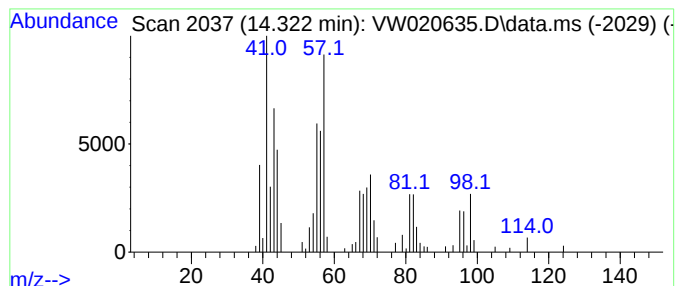
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Quant Title : SFAM01.0

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

Peak Number 7 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	2.58 ug/L	46178	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	90
4	Nonanal			142	C9H18O	000124-19-6	80
5	2-Hepten-1-ol, (E)-			114	C7H14O	033467-76-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
Data File : VW020635.D
Acq On : 20 Oct 2021 03:15
Operator : SY/VA
Sample : M4263-21
Misc : 4.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7G4

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	47595	1	8.842	598559	25.0
Pentanal	9.409	2.0	ug/L	47766	1	8.842	598559	25.0
Hexanal	11.073	11.0	ug/L	289784	2	11.634	660561	25.0
Octanal	13.396	1.9	ug/L	33828	3	13.554	447821	25.0
Nonanal	14.322	2.6	ug/L	46178	3	13.554	447821	25.0