

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020651.D
 Acq On : 20 Oct 2021 13:48
 Operator : SY/VA
 Sample : M4264-06
 Misc : 3.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7H1

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: VW020651.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	63734	104847	11.55%	1.445%
2	2.489	92	96	106	rVB	16970	31919	3.52%	0.440%
3	2.647	117	122	125	rBV3	1422	2923	0.32%	0.040%
4	2.812	144	149	153	rBV2	1108	1746	0.19%	0.024%
5	2.879	153	160	170	rVB	27396	55016	6.06%	0.758%
6	3.379	235	242	250	rVB2	2999	6906	0.76%	0.095%
7	3.727	294	299	307	rVB3	776	1689	0.19%	0.023%
8	3.818	312	314	317	rVB2	207	206	0.02%	0.003%
9	3.848	317	319	322	rBV2	165	225	0.02%	0.003%
10	4.019	335	347	358	rBV2	98346	295426	32.55%	4.073%
11	4.129	358	365	376	rVB	14252	38743	4.27%	0.534%
12	4.379	400	406	409	rVV2	495	1045	0.12%	0.014%
13	4.403	409	410	414	rVV3	521	585	0.06%	0.008%
14	4.440	414	416	418	rVB2	254	195	0.02%	0.003%
15	4.604	440	443	445	rBV3	242	321	0.04%	0.004%
16	4.684	447	456	462	rVV2	1653	4782	0.53%	0.066%
17	4.757	466	468	473	rVB3	161	208	0.02%	0.003%
18	4.909	485	493	504	rBV4	3022	10012	1.10%	0.138%
19	5.007	506	509	515	rVB5	500	1062	0.12%	0.015%
20	5.787	628	637	648	rVV2	3039	9456	1.04%	0.130%
21	5.940	655	662	670	rVB4	1114	3018	0.33%	0.042%
22	6.116	684	691	698	rBV3	638	1846	0.20%	0.025%
23	6.903	810	820	832	rBV2	11425	33584	3.70%	0.463%
24	7.080	839	849	861	rBV	26760	73000	8.04%	1.006%
25	7.543	921	925	928	rBV4	204	340	0.04%	0.005%
26	7.653	932	943	954	rBV	152649	374278	41.24%	5.160%
27	7.781	962	964	970	rVB	325	461	0.05%	0.006%
28	8.274	1035	1045	1059	rBV2	300913	907588	100.00%	12.512%
29	8.549	1086	1090	1098	rVB3	8005	18283	2.01%	0.252%
30	8.707	1108	1116	1124	rBV2	5394	13119	1.45%	0.181%
31	8.841	1130	1138	1150	rBV	335688	652279	71.87%	8.992%
32	9.049	1167	1172	1174	rBV4	685	1267	0.14%	0.017%
33	9.165	1189	1191	1193	rVB	270	217	0.02%	0.003%
34	9.274	1200	1209	1224	rBV	220332	443192	48.83%	6.110%
35	9.408	1224	1231	1244	rVB	53685	100694	11.09%	1.388%
36	9.658	1269	1272	1276	rVB	325	480	0.05%	0.007%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
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37	9.921	1309	1315	1322	rVB4	905	1458	0.16%	0.020%
38	10.036	1324	1334	1343	rBV	115052	206446	22.75%	2.846%
39	10.116	1345	1347	1352	rVB5	364	566	0.06%	0.008%
40	10.213	1361	1363	1367	rVB2	152	194	0.02%	0.003%
41	10.323	1370	1381	1388	rBV	425020	742215	81.78%	10.232%
42	10.390	1388	1392	1400	rVB	12127	20837	2.30%	0.287%
43	10.506	1404	1411	1415	rVB4	889	1780	0.20%	0.025%
44	10.579	1416	1423	1429	rBV	77490	129686	14.29%	1.788%
45	10.628	1429	1431	1437	rVB3	2447	4108	0.45%	0.057%
46	10.701	1437	1443	1449	rBV	9021	15509	1.71%	0.214%
47	10.926	1473	1480	1492	rBV	110666	185177	20.40%	2.553%
48	11.073	1496	1504	1517	rBV	346515	553648	61.00%	7.632%
49	11.414	1553	1560	1568	rBV2	1623	2968	0.33%	0.041%
50	11.573	1580	1586	1588	rBV3	807	1454	0.16%	0.020%
51	11.634	1588	1596	1604	rVV	428359	731307	80.58%	10.082%
52	11.725	1606	1611	1612	rBV3	747	1021	0.11%	0.014%
53	11.835	1623	1629	1638	rVV	11613	22729	2.50%	0.313%
54	11.945	1642	1647	1654	rVV2	7298	12653	1.39%	0.174%
55	12.024	1656	1660	1663	rVB6	494	756	0.08%	0.010%
56	12.103	1667	1673	1674	rBV3	540	828	0.09%	0.011%
57	12.176	1679	1685	1688	rBV4	872	1416	0.16%	0.020%
58	12.237	1690	1695	1700	rVB4	640	1049	0.12%	0.014%
59	12.335	1705	1711	1723	rBV	25129	41946	4.62%	0.578%
60	12.457	1730	1731	1736	rBV	221	212	0.02%	0.003%
61	12.609	1749	1756	1762	rVV2	9425	16683	1.84%	0.230%
62	12.694	1762	1770	1776	rVV	141358	238732	26.30%	3.291%
63	12.749	1776	1779	1787	rVV2	1126	2296	0.25%	0.032%
64	12.938	1801	1810	1819	rVB5	2356	6418	0.71%	0.088%
65	13.048	1822	1828	1831	rBV4	1905	3075	0.34%	0.042%
66	13.097	1831	1836	1840	rBV3	5578	8575	0.94%	0.118%
67	13.213	1850	1855	1859	rVB4	1769	3001	0.33%	0.041%
68	13.274	1859	1865	1874	rVB4	3683	9121	1.00%	0.126%
69	13.396	1876	1885	1892	rBV2	19830	32879	3.62%	0.453%
70	13.475	1895	1898	1903	rBV7	1151	2254	0.25%	0.031%
71	13.554	1905	1911	1923	rVV	338681	546163	60.18%	7.529%
72	13.645	1923	1926	1932	rVB	4043	5869	0.65%	0.081%
73	13.761	1942	1945	1950	rBV3	695	1210	0.13%	0.017%
74	13.853	1950	1960	1972	rVV	257112	428295	47.19%	5.904%
75	14.017	1983	1987	1990	rBV3	1182	1626	0.18%	0.022%
76	14.066	1990	1995	2008	rVB	10387	17389	1.92%	0.240%

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77	14.188	2011	2015	2018	rBV2	431	437	0.05%	0.006%
78	14.219	2018	2020	2025	rVB4	482	646	0.07%	0.009%
79	14.322	2030	2037	2044	rBV	14852	22553	2.48%	0.311%
80	14.493	2061	2065	2066	rBV2	428	469	0.05%	0.006%
81	14.523	2066	2070	2075	rVB3	2072	2825	0.31%	0.039%
82	14.621	2081	2086	2089	rBV4	811	1238	0.14%	0.017%
83	14.658	2089	2092	2095	rVV2	394	570	0.06%	0.008%
84	14.718	2098	2102	2106	rVB3	850	1311	0.14%	0.018%
85	14.865	2124	2126	2127	rVV	481	327	0.04%	0.005%
86	14.883	2127	2129	2132	rVB2	513	495	0.05%	0.007%
87	14.950	2135	2140	2145	rVV	4428	6380	0.70%	0.088%
88	15.017	2149	2151	2156	rVV4	1473	1965	0.22%	0.027%
89	15.084	2156	2162	2166	rVB6	1005	2080	0.23%	0.029%
90	15.176	2172	2177	2184	rVB4	2308	3762	0.41%	0.052%
91	15.243	2184	2188	2194	rBV3	1208	2225	0.25%	0.031%
92	15.353	2204	2206	2208	rBV2	329	384	0.04%	0.005%
93	15.389	2210	2212	2218	rVB2	1040	1567	0.17%	0.022%
94	15.487	2223	2228	2232	rBV	1444	2573	0.28%	0.035%
95	15.785	2275	2277	2278	rBV	392	331	0.04%	0.005%
96	15.846	2282	2287	2292	rBV4	2141	3750	0.41%	0.052%
97	15.956	2301	2305	2312	rBV4	1458	2811	0.31%	0.039%
98	16.200	2342	2345	2346	rVB	218	204	0.02%	0.003%
99	16.371	2372	2373	2376	rBV2	203	207	0.02%	0.003%
100	16.493	2391	2393	2395	rBV2	240	208	0.02%	0.003%

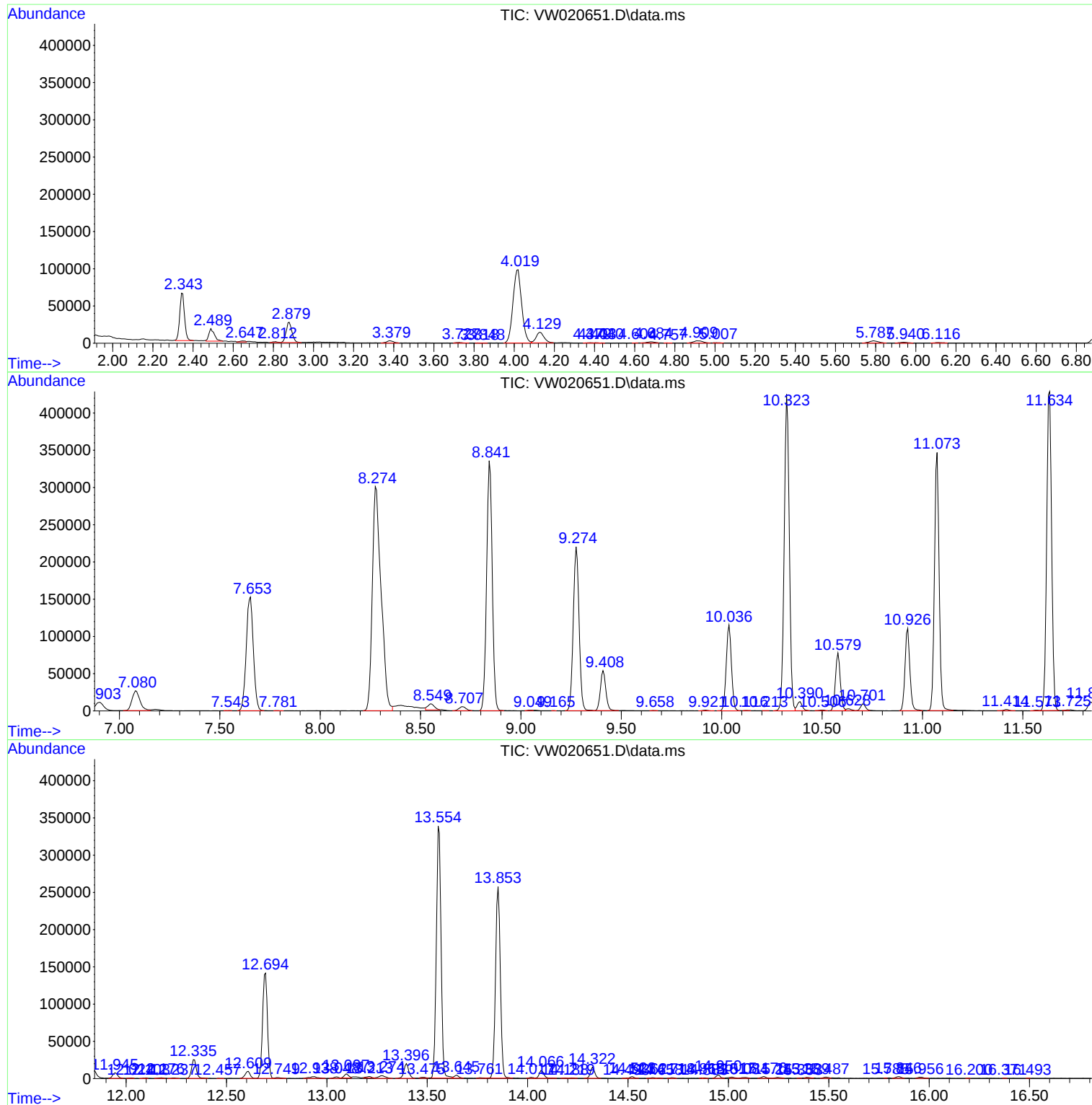
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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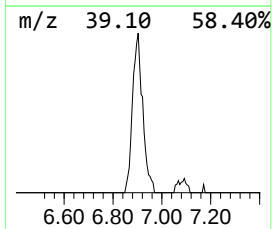
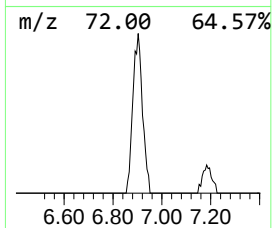
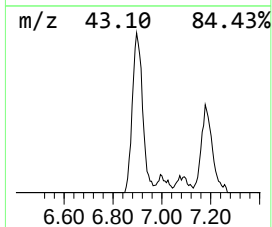
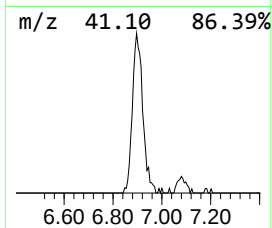
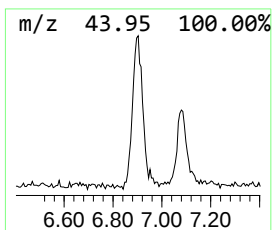
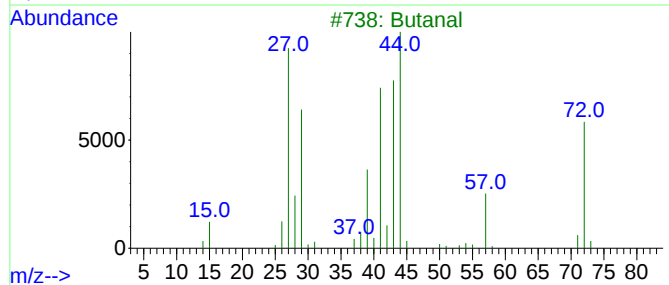
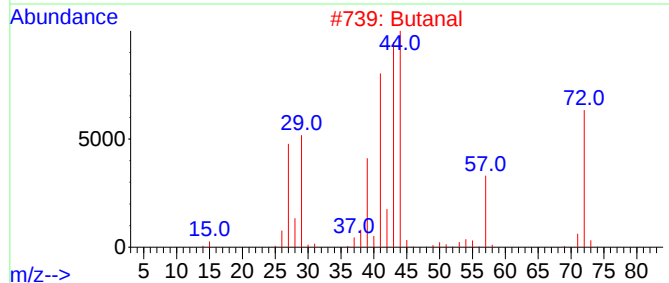
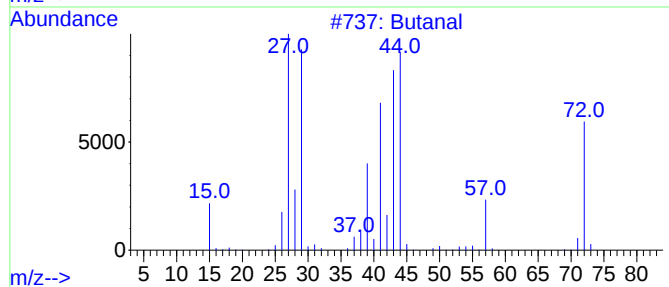
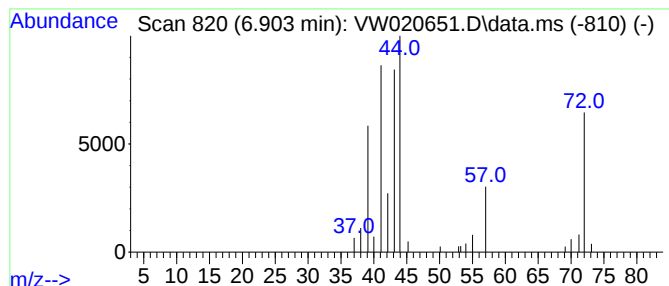
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Butanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.903	1.29 ug/L	33584	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	81
3	Butanal			72	C4H8O	000123-72-8	74
4	Butanal			72	C4H8O	000123-72-8	58
5	Butanal			72	C4H8O	000123-72-8	58



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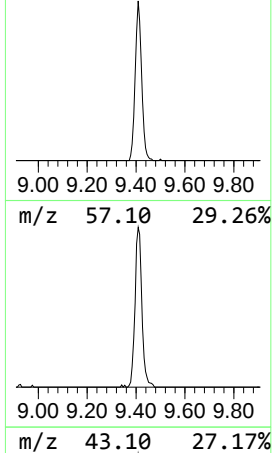
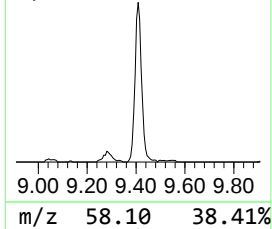
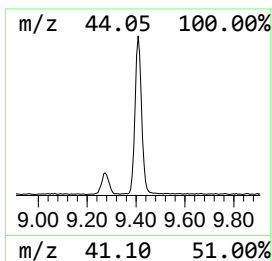
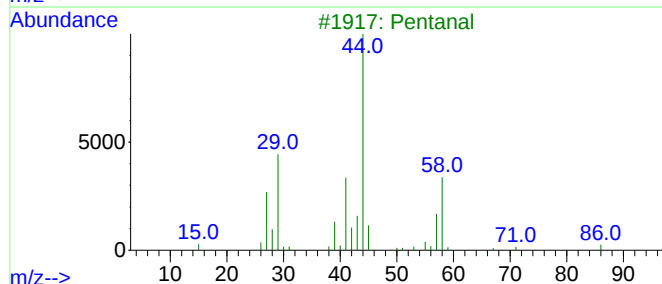
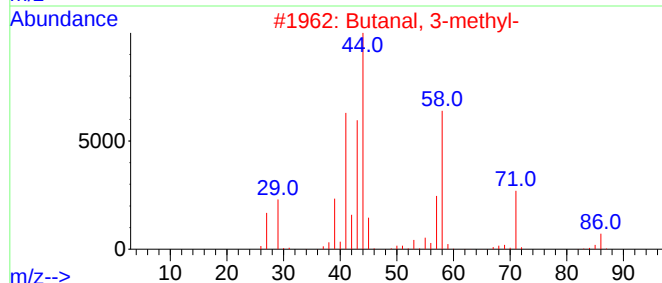
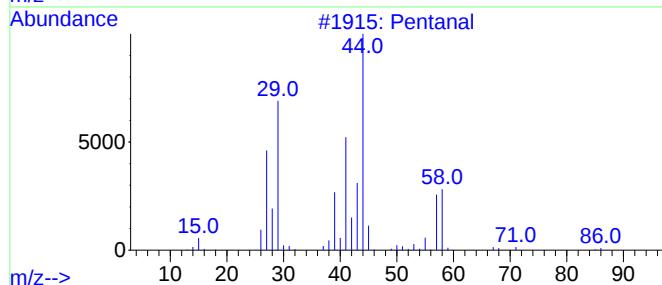
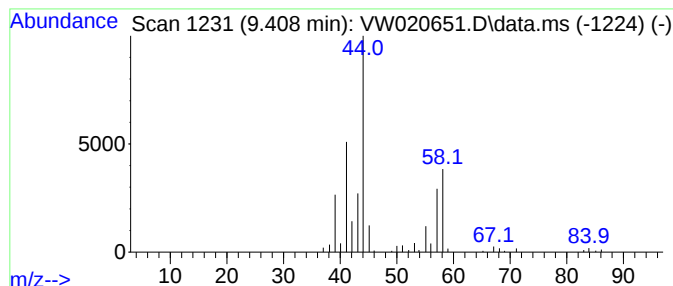
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.408	3.86 ug/L	100694	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	86
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
3			Pentanal	86	C5H10O	000110-62-3	74
4			Pentanal	86	C5H10O	000110-62-3	64
5			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64



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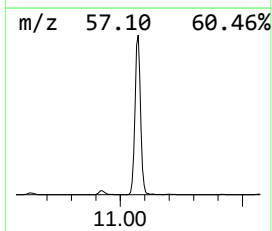
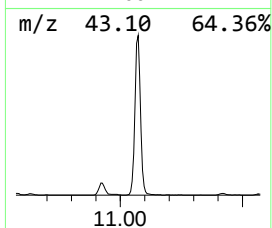
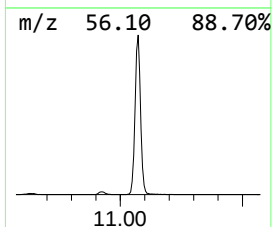
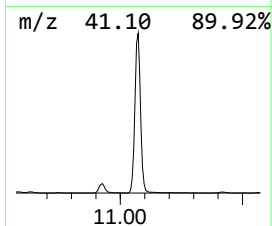
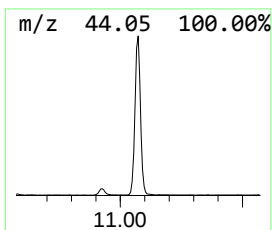
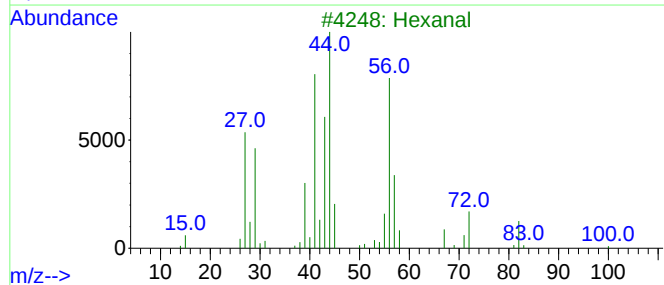
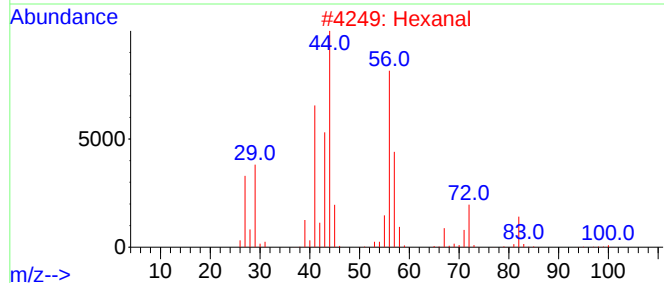
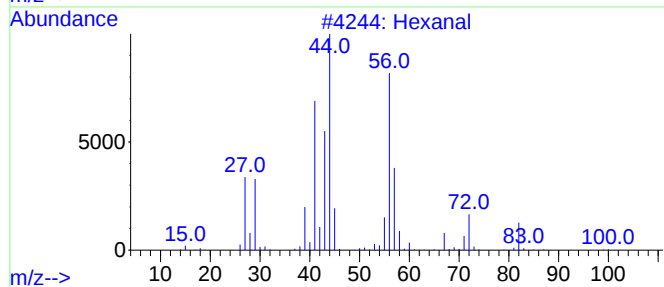
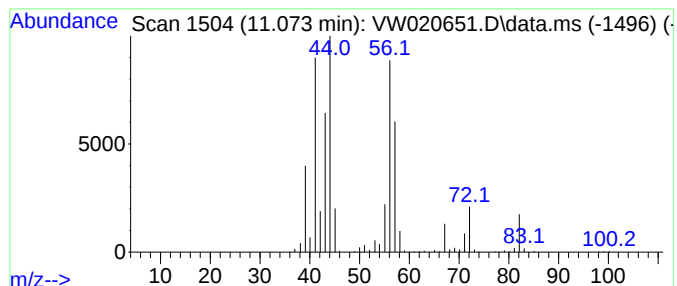
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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	18.93 ug/L	553648	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	87
2	Hexanal			100	C6H12O	000066-25-1	80
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	64



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GB7H1

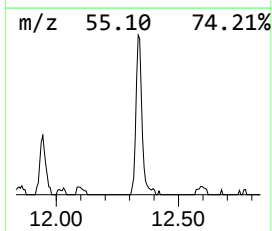
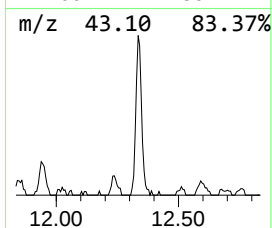
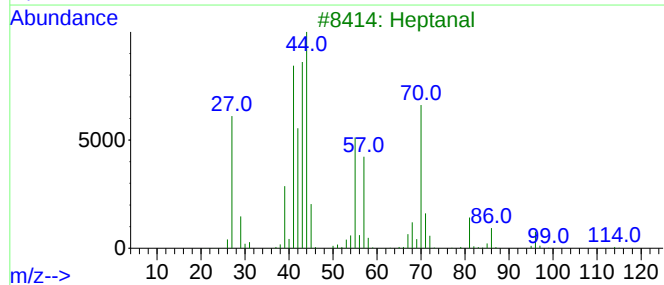
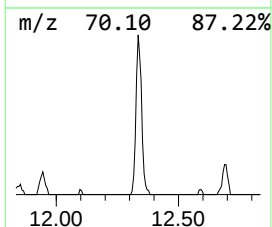
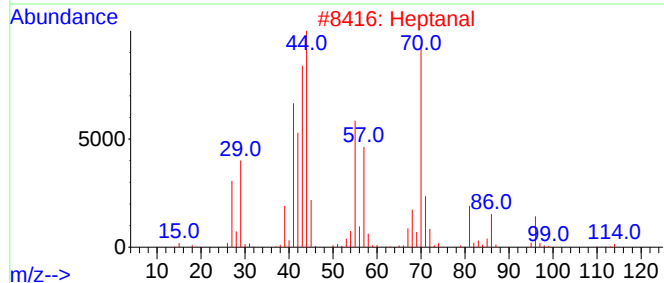
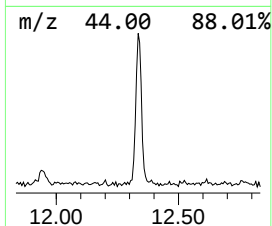
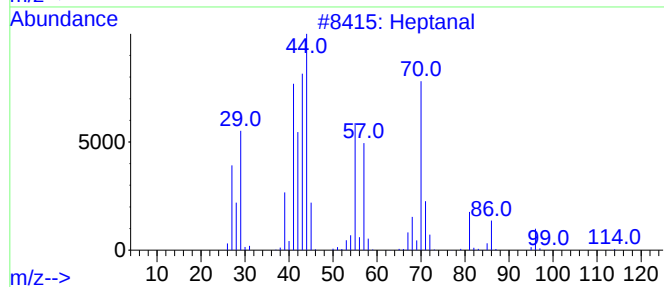
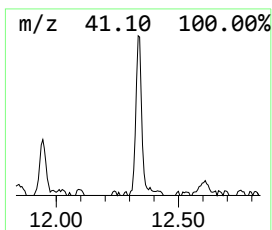
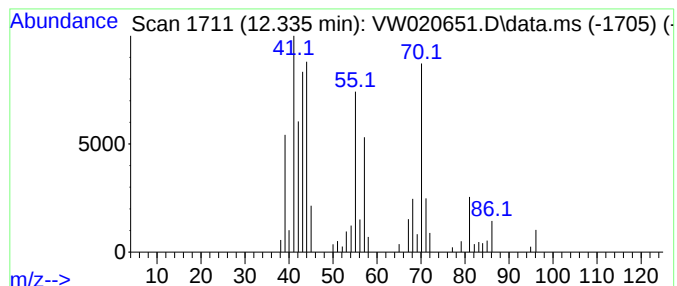
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Quant Title : SFAM01.0

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

Peak Number 5 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	1.43 ug/L	41946	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	80
2			Heptanal	114	C7H14O	000111-71-7	72
3			Heptanal	114	C7H14O	000111-71-7	72
4			Heptanal	114	C7H14O	000111-71-7	64
5			Heptanal	114	C7H14O	000111-71-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
Data File : VW020651.D
Acq On : 20 Oct 2021 13:48
Operator : SY/VA
Sample : M4264-06
Misc : 3.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7H1

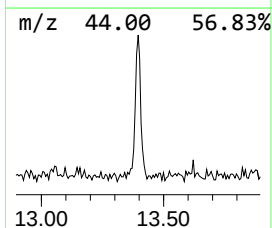
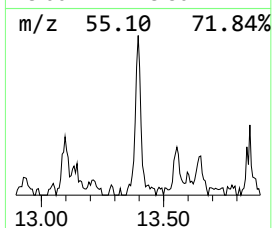
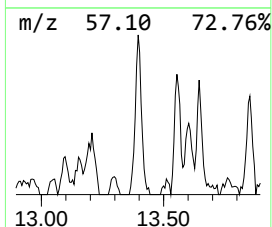
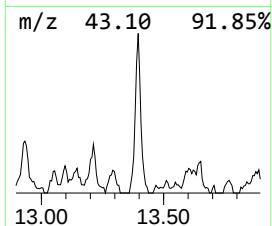
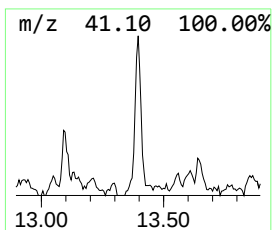
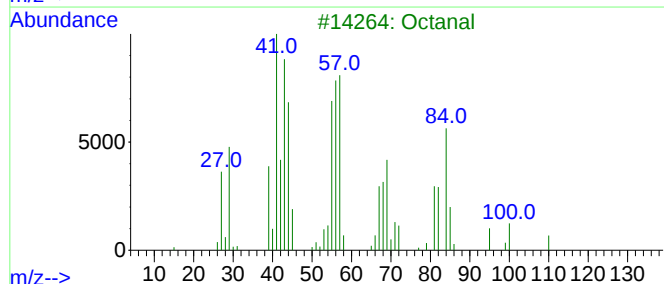
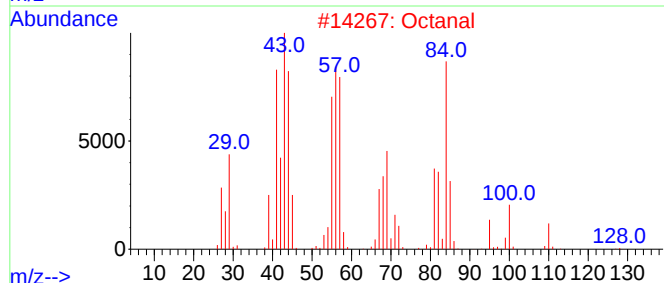
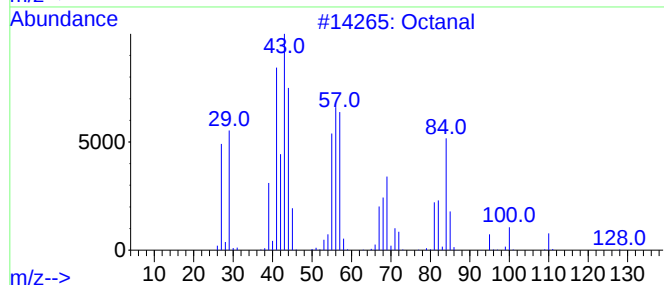
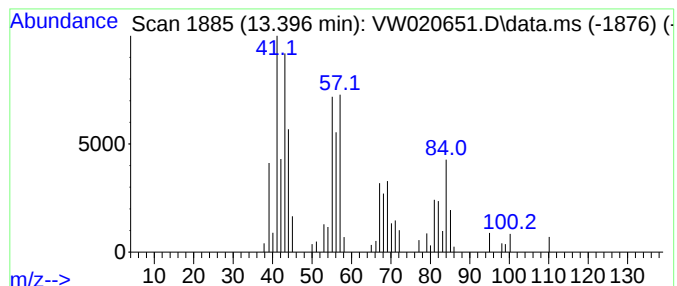
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Quant Title : SFAM01.0

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

Peak Number 6 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.50 ug/L	32879	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	74
2	Octanal			128	C8H16O	000124-13-0	72
3	Octanal			128	C8H16O	000124-13-0	72
4	Octanal			128	C8H16O	000124-13-0	52
5	3-Hexene, (E)-			84	C6H12	013269-52-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
Data File : VW020651.D
Acq On : 20 Oct 2021 13:48
Operator : SY/VA
Sample : M4264-06
Misc : 3.83g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB7H1

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
Butanal	6.903	1.3	ug/L	33584	1	8.841	652279	25.0
Pentanal	9.408	3.9	ug/L	100694	1	8.841	652279	25.0
Hexanal	11.073	18.9	ug/L	553648	2	11.634	731307	25.0
Heptanal	12.335	1.4	ug/L	41946	2	11.634	731307	25.0
Octanal	13.396	1.5	ug/L	32879	3	13.554	546163	25.0