

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020092.D
 Acq On : 21 Sep 2021 15:05
 Operator : SY/VA
 Sample : M3813-04
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T0

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: VW020092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	89	rVB	141637	272655	17.59%	2.042%
2	2.507	94	99	110	rVV	11158	25165	1.62%	0.188%
3	2.898	156	163	177	rVB	91177	232148	14.98%	1.739%
4	3.306	226	230	231	rBV3	490	597	0.04%	0.004%
5	3.397	238	245	254	rBV2	4324	11323	0.73%	0.085%
6	3.739	295	301	308	rVB5	1046	2465	0.16%	0.018%
7	3.904	327	328	331	rVV	612	481	0.03%	0.004%
8	4.025	335	348	360	rVV3	200597	664785	42.90%	4.979%
9	4.135	361	366	382	rVB	17312	50976	3.29%	0.382%
10	4.403	402	410	415	rBV3	1338	3381	0.22%	0.025%
11	4.446	415	417	421	rVB	609	612	0.04%	0.005%
12	4.580	437	439	444	rVB2	290	448	0.03%	0.003%
13	4.623	444	446	449	rBV2	377	446	0.03%	0.003%
14	4.690	450	457	458	rBV	418	587	0.04%	0.004%
15	4.928	484	496	514	rBV4	18423	66838	4.31%	0.501%
16	5.531	581	595	598	rBV	4727	15960	1.03%	0.120%
17	5.787	629	637	649	rVB3	4122	12172	0.79%	0.091%
18	5.946	654	663	675	rVB4	7594	22710	1.47%	0.170%
19	6.117	684	691	699	rBV4	1232	3741	0.24%	0.028%
20	6.616	772	773	778	rVB3	567	644	0.04%	0.005%
21	6.903	808	820	832	rBV3	21194	62746	4.05%	0.470%
22	7.086	841	850	873	rBV2	42610	143482	9.26%	1.075%
23	7.263	877	879	883	rVV3	391	466	0.03%	0.003%
24	7.537	921	924	925	rBV2	521	572	0.04%	0.004%
25	7.653	932	943	954	rBV	269439	657460	42.43%	4.924%
26	7.763	959	961	969	rVB4	597	1256	0.08%	0.009%
27	7.964	986	994	998	rBV7	1093	2899	0.19%	0.022%
28	8.281	1035	1046	1063	rBV2	525410	1549658	100.00%	11.606%
29	8.555	1084	1091	1100	rVB2	7273	15941	1.03%	0.119%
30	8.708	1107	1116	1129	rBV3	10915	26087	1.68%	0.195%
31	8.848	1129	1139	1151	rBV	539196	1050253	67.77%	7.866%
32	9.055	1167	1173	1180	rVB2	8596	17377	1.12%	0.130%
33	9.281	1201	1210	1219	rBV	349731	713731	46.06%	5.346%
34	9.409	1225	1231	1241	rVB	53545	100449	6.48%	0.752%
35	9.665	1269	1273	1279	rVB5	509	946	0.06%	0.007%
36	10.037	1326	1334	1344	rBV	196033	349079	22.53%	2.614%

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 Title : SFAM01.0

37	10.128	1347	1349	1355	rVV4	1000	1512	0.10%	0.011%
38	10.329	1372	1382	1388	rBV	739769	1320085	85.19%	9.887%
39	10.390	1388	1392	1398	rVB	22050	37838	2.44%	0.283%
40	10.512	1407	1412	1416	rVB6	2067	3689	0.24%	0.028%
41	10.579	1416	1423	1430	rBV	133435	234170	15.11%	1.754%
42	10.707	1438	1444	1453	rBV2	9456	16684	1.08%	0.125%
43	10.927	1473	1480	1494	rVV	182464	305928	19.74%	2.291%
44	11.073	1497	1504	1520	rVV	341934	543298	35.06%	4.069%
45	11.420	1556	1561	1564	rVB2	737	1062	0.07%	0.008%
46	11.451	1564	1566	1569	rBV4	297	454	0.03%	0.003%
47	11.567	1581	1585	1588	rBV4	1102	1741	0.11%	0.013%
48	11.634	1588	1596	1607	rVV	757912	1262347	81.46%	9.455%
49	11.780	1617	1620	1622	rBV2	380	482	0.03%	0.004%
50	11.847	1625	1631	1638	rVB6	2957	6735	0.43%	0.050%
51	11.945	1642	1647	1653	rBV4	5480	10044	0.65%	0.075%
52	12.018	1657	1659	1663	rBV5	553	937	0.06%	0.007%
53	12.097	1670	1672	1677	rVB4	1068	1253	0.08%	0.009%
54	12.170	1680	1684	1687	rBV3	782	1065	0.07%	0.008%
55	12.237	1691	1695	1700	rVB2	1402	1714	0.11%	0.013%
56	12.341	1704	1712	1721	rBV	95871	151791	9.80%	1.137%
57	12.506	1735	1739	1742	rVB4	399	666	0.04%	0.005%
58	12.609	1747	1756	1763	rBV2	142671	253287	16.34%	1.897%
59	12.695	1763	1770	1777	rVV	293388	474218	30.60%	3.552%
60	12.756	1777	1780	1793	rVB5	2886	6235	0.40%	0.047%
61	12.932	1793	1809	1818	rBV3	9231	21961	1.42%	0.164%
62	13.048	1823	1828	1832	rBV4	3638	6391	0.41%	0.048%
63	13.097	1832	1836	1843	rVV6	3361	6852	0.44%	0.051%
64	13.152	1843	1845	1848	rVV3	1745	2316	0.15%	0.017%
65	13.195	1848	1852	1855	rVB4	2813	3837	0.25%	0.029%
66	13.274	1857	1865	1878	rVB	19870	42381	2.73%	0.317%
67	13.396	1878	1885	1894	rBV2	40999	69122	4.46%	0.518%
68	13.560	1904	1912	1922	rVV	763062	1231026	79.44%	9.220%
69	13.646	1922	1926	1936	rVB	15878	27036	1.74%	0.202%
70	13.713	1936	1937	1941	rVB2	1053	550	0.04%	0.004%
71	13.768	1941	1946	1949	rBV5	1944	3163	0.20%	0.024%
72	13.853	1952	1960	1974	rBV	632318	1042500	67.27%	7.808%
73	13.987	1980	1982	1984	rBV3	1090	1266	0.08%	0.009%
74	14.024	1984	1988	1990	rVV3	3510	5998	0.39%	0.045%
75	14.066	1990	1995	2004	rVB2	34706	59589	3.85%	0.446%
76	14.188	2012	2015	2016	rBV2	1978	1948	0.13%	0.015%

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 Title : SFAM01.0

77	14.322	2032	2037	2046	rBV	16684	27051	1.75%	0.203%
78	14.389	2046	2048	2051	rVB3	867	642	0.04%	0.005%
79	14.493	2061	2065	2067	rBV4	1386	2186	0.14%	0.016%
80	14.524	2067	2070	2074	rVB4	2900	3998	0.26%	0.030%
81	14.621	2082	2086	2091	rBV4	2900	4247	0.27%	0.032%
82	14.719	2098	2102	2107	rVB6	1412	2012	0.13%	0.015%
83	14.810	2115	2117	2119	rVV3	637	463	0.03%	0.003%
84	14.883	2122	2129	2133	rBV5	1713	3025	0.20%	0.023%
85	14.950	2134	2140	2149	rVB4	8460	14296	0.92%	0.107%
86	15.066	2155	2159	2161	rVB4	641	708	0.05%	0.005%
87	15.127	2165	2169	2172	rVV4	755	1061	0.07%	0.008%
88	15.176	2173	2177	2185	rVB4	4532	6939	0.45%	0.052%
89	15.347	2204	2205	2207	rBV	564	572	0.04%	0.004%
90	15.401	2207	2214	2218	rVB7	1257	3153	0.20%	0.024%
91	15.487	2223	2228	2233	rBV2	4191	7535	0.49%	0.056%
92	15.676	2257	2259	2261	rBV2	515	507	0.03%	0.004%
93	15.700	2261	2263	2267	rVV2	441	556	0.04%	0.004%
94	15.761	2270	2273	2274	rVV2	710	944	0.06%	0.007%
95	15.792	2275	2278	2283	rVV6	1791	3280	0.21%	0.025%
96	15.853	2283	2288	2297	rVV6	2332	5238	0.34%	0.039%
97	15.962	2300	2306	2313	rVB5	4240	7581	0.49%	0.057%
98	16.090	2322	2327	2333	rBV6	1377	2428	0.16%	0.018%
99	16.322	2359	2365	2374	rBV5	3986	9065	0.58%	0.068%
100	16.395	2375	2377	2382	rVV4	406	548	0.04%	0.004%

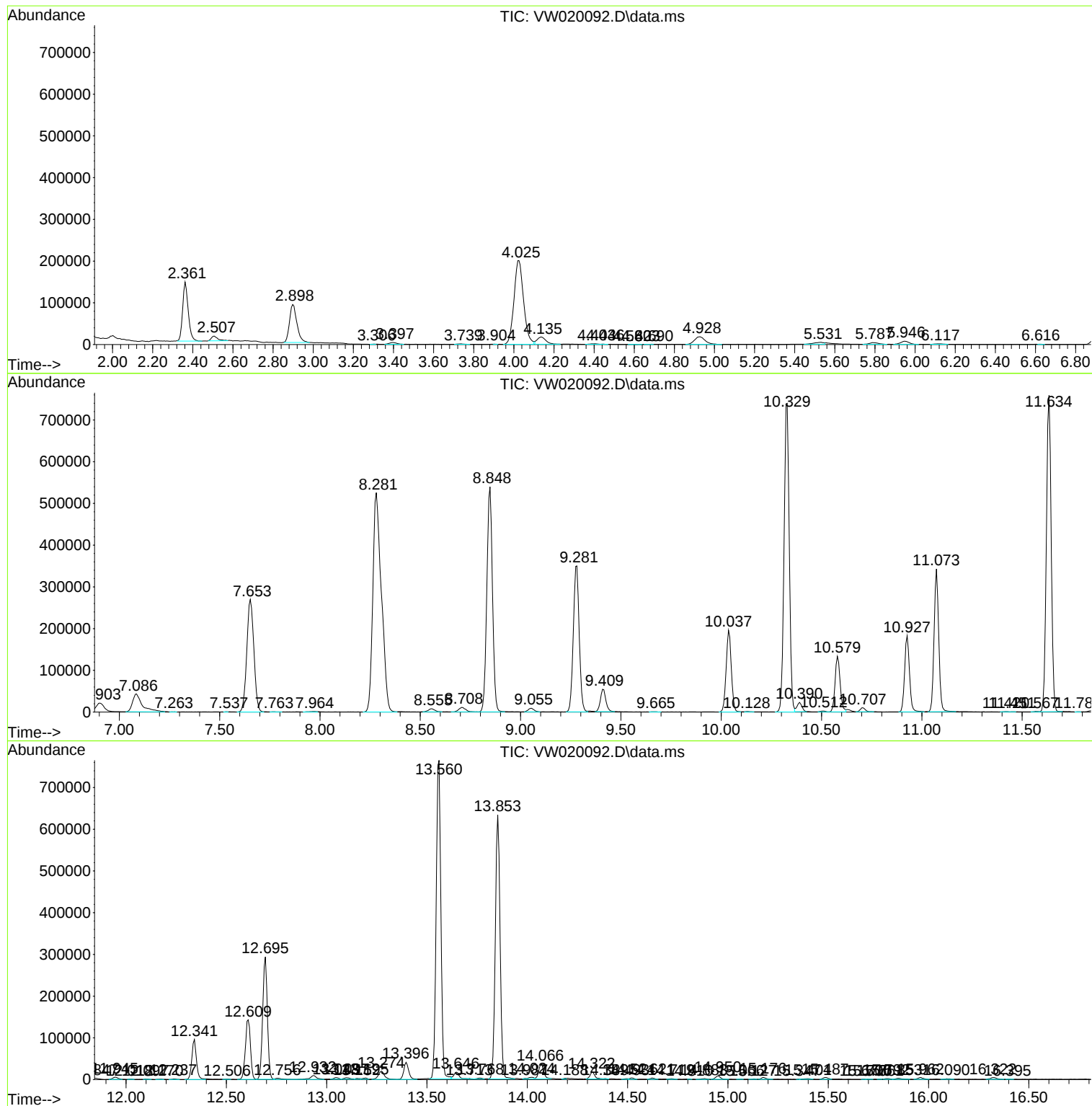
Sum of corrected areas: 13351742

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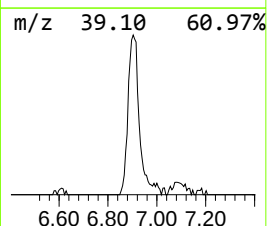
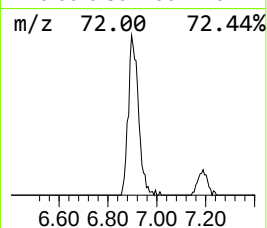
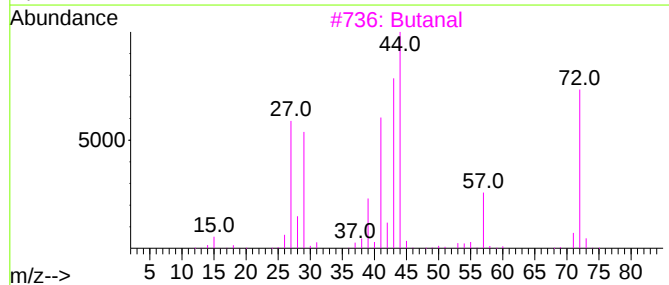
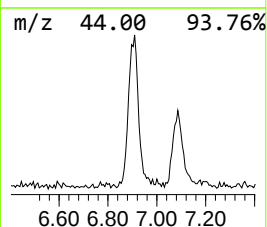
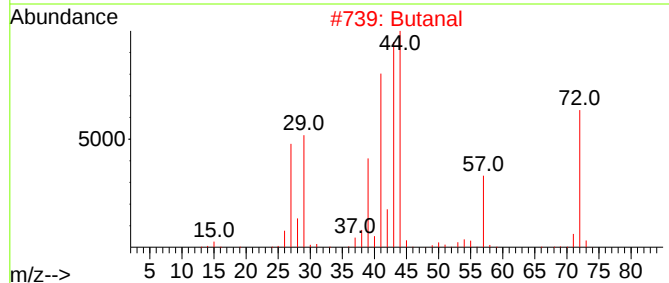
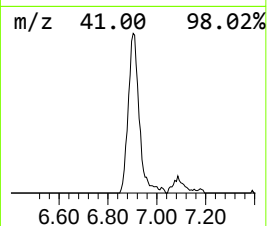
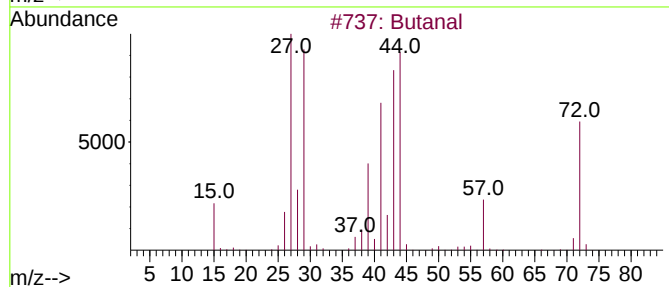
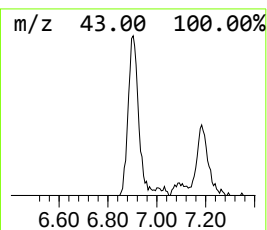
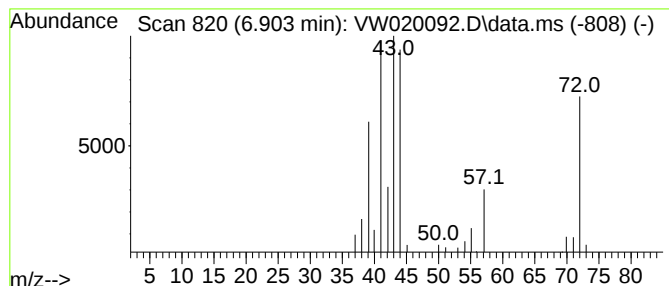
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Butanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.903	1.49 ug/L	62746	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanal	72	C4H8O	000123-72-8	91
2			Butanal	72	C4H8O	000123-72-8	58
3			Butanal	72	C4H8O	000123-72-8	49
4			Butanal	72	C4H8O	000123-72-8	46
5			Propane	44	C3H8	000074-98-6	45



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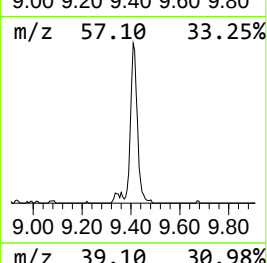
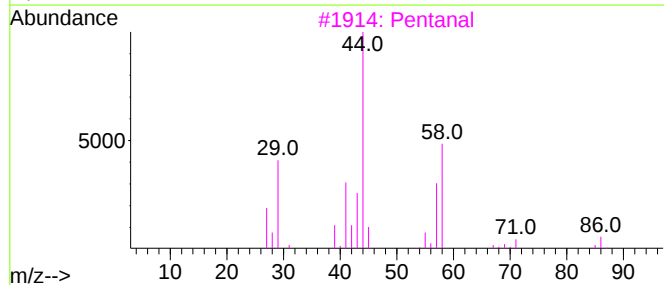
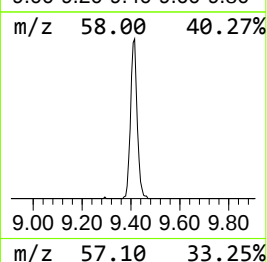
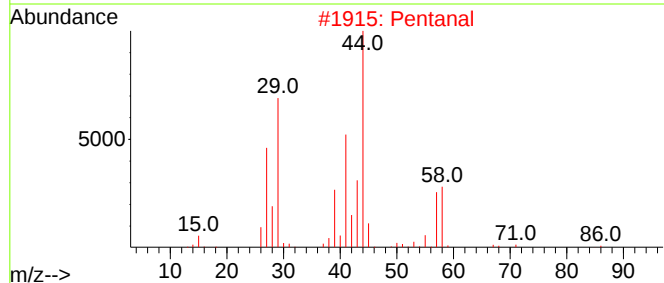
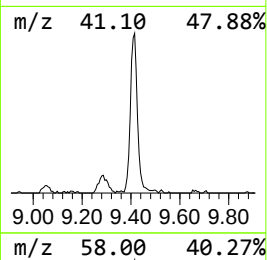
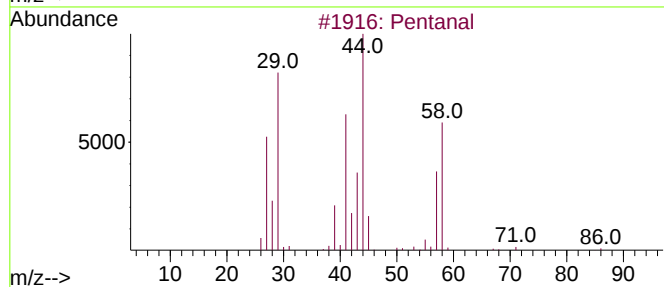
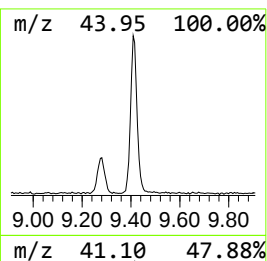
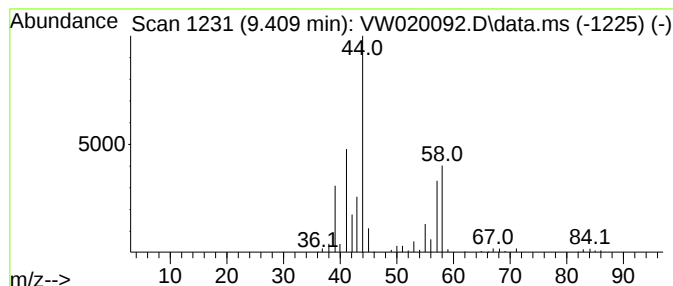
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.409	2.39 ug/L	100449	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	90
2	Pentanal			86	C5H10O	000110-62-3	90
3	Pentanal			86	C5H10O	000110-62-3	72
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	53
5	Cyclopropyl carbinol			72	C4H8O	002516-33-8	50



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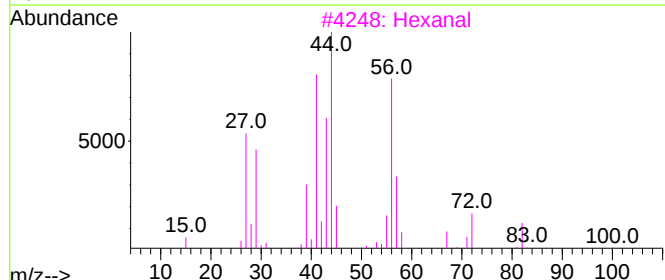
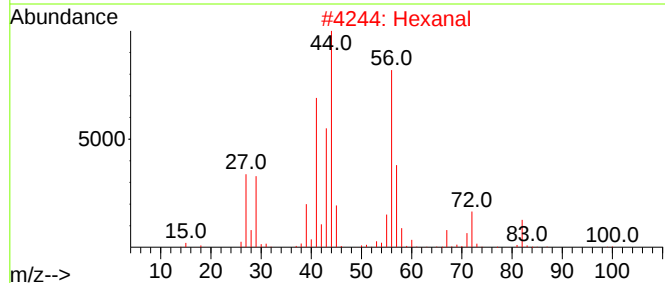
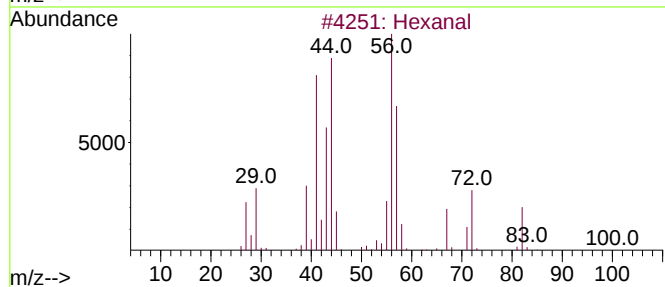
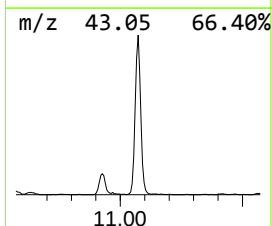
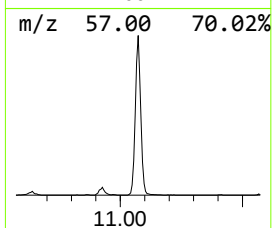
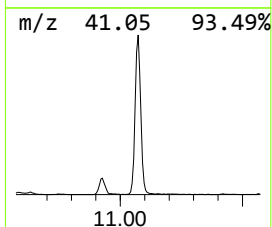
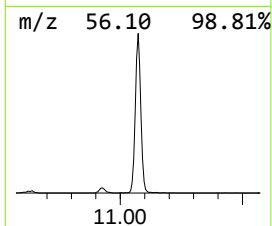
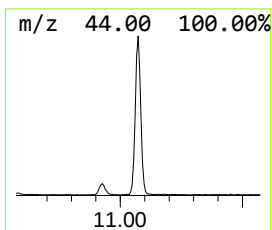
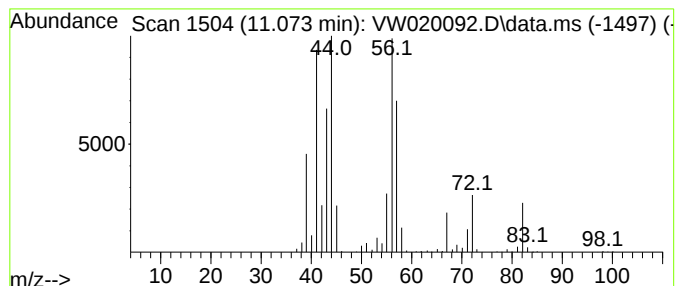
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	10.76 ug/L	543298	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	64
5	Hexanal			100	C6H12O	000066-25-1	53



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Sample : M3813-04
Misc : 5.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T0

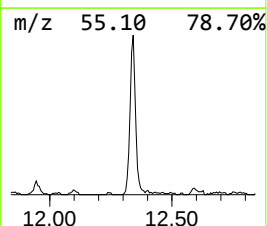
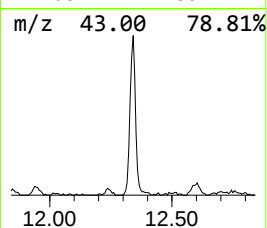
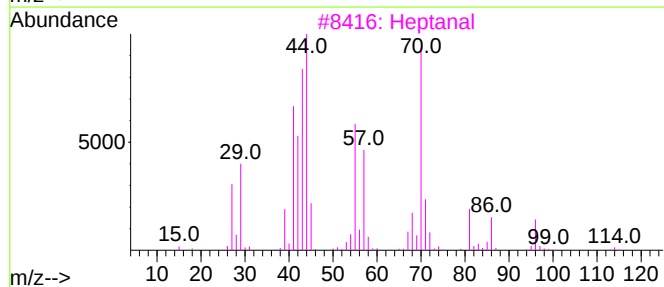
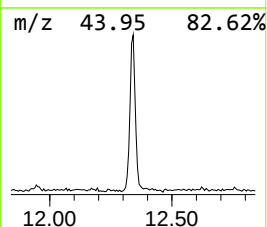
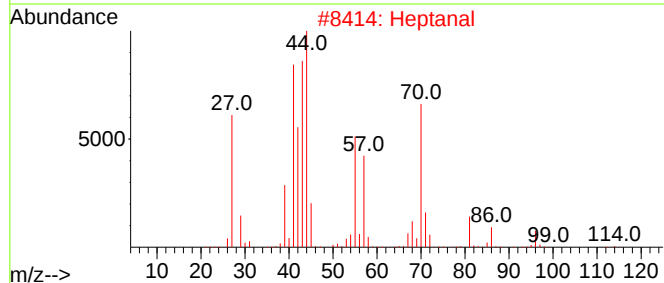
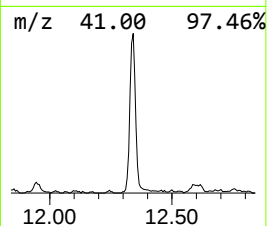
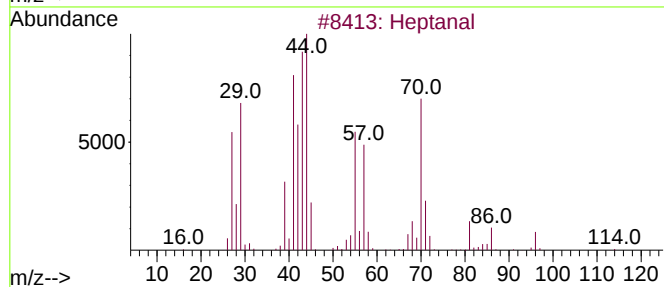
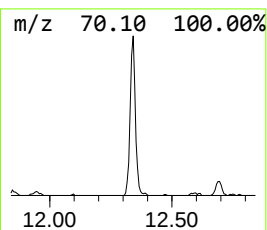
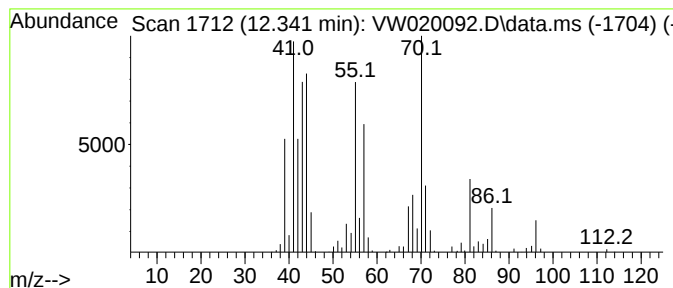
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Quant Title : SFAM01.0

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

Peak Number 5 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	3.01 ug/L	151791	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	94
2	Heptanal			114	C7H14O	000111-71-7	93
3	Heptanal			114	C7H14O	000111-71-7	78
4	Heptanal			114	C7H14O	000111-71-7	74
5	Heptanal			114	C7H14O	000111-71-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020092.D
Acq On : 21 Sep 2021 15:05
Operator : SY/VA
Sample : M3813-04
Misc : 5.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T0

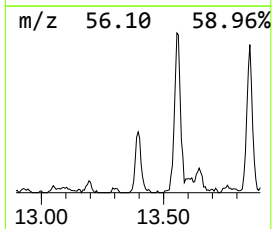
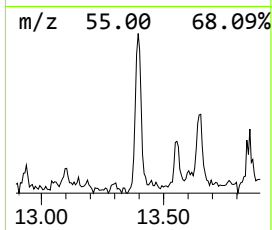
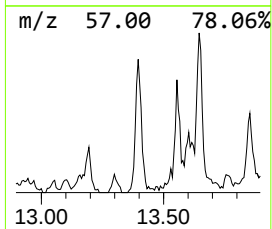
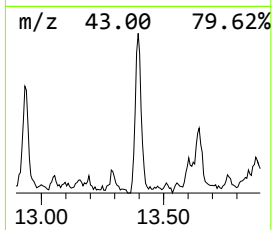
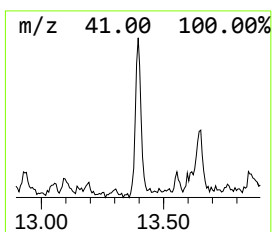
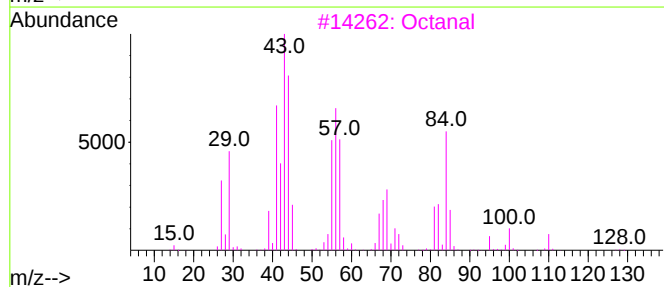
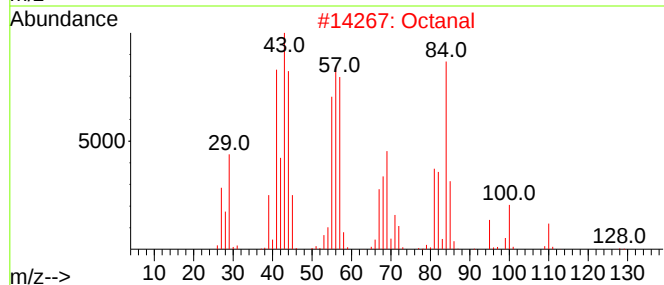
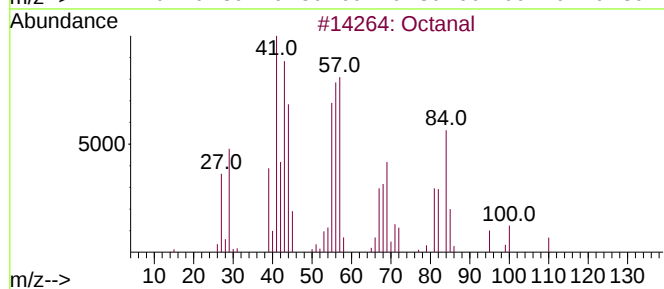
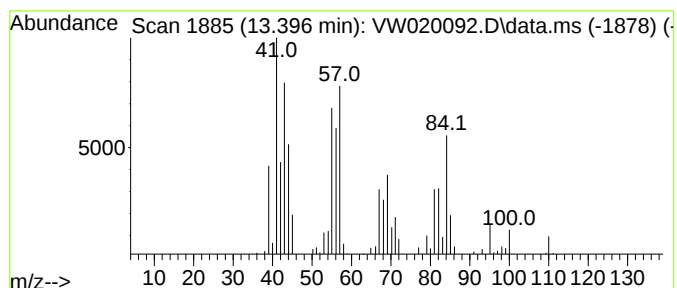
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Quant Title : SFAM01.0

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

Peak Number 7 Octanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	1.40 ug/L	69122	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	86
3	Octanal			128	C8H16O	000124-13-0	78
4	Octanal			128	C8H16O	000124-13-0	72
5	Octanal			128	C8H16O	000124-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020092.D
Acq On : 21 Sep 2021 15:05
Operator : SY/VA
Sample : M3813-04
Misc : 5.22g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB6T0

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
Butanal	6.903	1.5	ug/L	62746	1	8.848	1050250	25.0
Pentanal	9.409	2.4	ug/L	100449	1	8.848	1050250	25.0
Hexanal	11.073	10.8	ug/L	543298	2	11.634	1262350	25.0
Heptanal	12.341	3.0	ug/L	151791	2	11.634	1262350	25.0
Octanal	13.396	1.4	ug/L	69122	3	13.560	1231030	25.0