

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW026998.D
 Acq On : 07 Sep 2023 12:36
 Operator : SY/MD
 Sample : 04330-01
 Misc : 6.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYG2

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW026998.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.960	10	12	17	rVB5	4321	4356	0.23%	0.033%
2	2.046	24	26	29	rVB4	2333	2686	0.14%	0.020%
3	2.082	29	32	33	rBV3	1742	1888	0.10%	0.014%
4	2.149	40	43	44	rBV3	3021	2886	0.15%	0.022%
5	2.222	48	55	57	rBV7	8983	20178	1.06%	0.154%
6	2.363	72	78	92	rBV	78765	235775	12.39%	1.796%
7	2.893	158	165	180	rVB	88190	252903	13.28%	1.926%
8	3.381	244	245	249	rVB4	3426	4038	0.21%	0.031%
9	3.411	249	250	254	rBV4	2154	2857	0.15%	0.022%
10	3.497	263	264	269	rVB5	2128	2395	0.13%	0.018%
11	3.558	272	274	278	rBV5	2788	4212	0.22%	0.032%
12	3.728	299	302	304	rBV4	2515	3085	0.16%	0.023%
13	4.021	339	350	362	rBV3	143371	526182	27.64%	4.007%
14	4.314	396	398	400	rBV3	1738	2007	0.11%	0.015%
15	4.387	402	410	420	rVB	14028	45543	2.39%	0.347%
16	4.563	437	439	445	rVB7	2467	4568	0.24%	0.035%
17	4.923	489	498	508	rBV5	17271	65394	3.44%	0.498%
18	5.021	513	514	519	rVV5	2431	2602	0.14%	0.020%
19	5.112	527	529	532	rBV4	2534	3247	0.17%	0.025%
20	5.283	555	557	562	rBV6	1838	3114	0.16%	0.024%
21	5.326	562	564	566	rVV3	2869	2444	0.13%	0.019%
22	5.380	569	573	575	rBV5	2475	3744	0.20%	0.029%
23	5.417	577	579	581	rVV3	3496	3869	0.20%	0.029%
24	5.563	601	603	606	rVB4	3773	4223	0.22%	0.032%
25	5.600	606	609	614	rBV7	3647	7472	0.39%	0.057%
26	5.673	618	621	623	rBV4	2814	3309	0.17%	0.025%
27	5.764	634	636	637	rBV2	4042	2700	0.14%	0.021%
28	5.911	658	660	661	rBV2	2755	2337	0.12%	0.018%
29	5.935	661	664	666	rVV3	4745	4897	0.26%	0.037%
30	6.057	682	684	685	rVV2	2641	1948	0.10%	0.015%
31	6.130	694	696	699	rVV4	2270	2538	0.13%	0.019%
32	6.155	699	700	702	rVV2	2937	1954	0.10%	0.015%
33	6.197	702	707	709	rVV6	1432	2403	0.13%	0.018%
34	6.264	715	718	720	rBV4	2620	3106	0.16%	0.024%
35	6.417	741	743	745	rVB3	3354	2056	0.11%	0.016%
36	6.667	782	784	786	rVB3	2895	2281	0.12%	0.017%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	6.697	786	789	794	rBV7	2668	4573	0.24%	0.035%
38	6.752	796	798	801	rVB4	2116	2193	0.12%	0.017%
39	6.978	833	835	836	rBV2	2416	1990	0.10%	0.015%
40	7.069	844	850	857	rBV	52702	147043	7.72%	1.120%
41	7.648	935	945	959	rVB2	302828	839699	44.11%	6.395%
42	7.764	960	964	967	rVB6	1919	2348	0.12%	0.018%
43	7.837	974	976	977	rBV2	2871	2058	0.11%	0.016%
44	8.142	1024	1026	1027	rBV2	4087	3224	0.17%	0.025%
45	8.179	1031	1032	1035	rVB3	2260	1979	0.10%	0.015%
46	8.270	1037	1047	1064	rBV2	640245	1903697	100.00%	14.498%
47	8.423	1069	1072	1074	rVB4	2367	2427	0.13%	0.018%
48	8.459	1074	1078	1080	rBV5	2620	4535	0.24%	0.035%
49	8.746	1123	1125	1130	rVB6	3321	3771	0.20%	0.029%
50	8.837	1130	1140	1155	rBV	822849	1620668	85.13%	12.343%
51	9.075	1172	1179	1187	rVB	211351	409282	21.50%	3.117%
52	9.270	1203	1211	1220	rBV	469694	944497	49.61%	7.193%
53	9.374	1226	1228	1232	rVB5	1720	2292	0.12%	0.017%
54	9.459	1239	1242	1245	rVB5	2606	2547	0.13%	0.019%
55	9.532	1251	1254	1256	rVB4	2122	2456	0.13%	0.019%
56	9.654	1271	1274	1279	rVB7	3922	6673	0.35%	0.051%
57	9.727	1284	1286	1289	rBV4	2112	3034	0.16%	0.023%
58	9.752	1289	1290	1294	rVB4	2183	2546	0.13%	0.019%
59	10.032	1330	1336	1344	rBV	198654	357511	18.78%	2.723%
60	10.123	1349	1351	1360	rVB8	5162	12167	0.64%	0.093%
61	10.209	1360	1365	1368	rBV7	5131	7601	0.40%	0.058%
62	10.319	1375	1383	1390	rBV	735027	1306746	68.64%	9.952%
63	10.386	1390	1394	1405	rVV2	28535	64246	3.37%	0.489%
64	10.508	1409	1414	1418	rVB8	4593	8254	0.43%	0.063%
65	10.575	1418	1425	1436	rVB	128865	231244	12.15%	1.761%
66	10.660	1436	1439	1441	rBV4	2641	4196	0.22%	0.032%
67	10.697	1441	1445	1451	rVB3	12707	22523	1.18%	0.172%
68	10.800	1460	1462	1467	rBV6	1921	2853	0.15%	0.022%
69	10.861	1467	1472	1476	rVB8	4531	8660	0.45%	0.066%
70	10.922	1476	1482	1491	rBV	139144	248079	13.03%	1.889%
71	11.020	1496	1498	1501	rVV4	3986	4898	0.26%	0.037%
72	11.062	1504	1505	1508	rVV3	3401	4584	0.24%	0.035%
73	11.117	1512	1514	1517	rVV4	2404	2837	0.15%	0.022%
74	11.172	1521	1523	1527	rVB5	3850	4515	0.24%	0.034%
75	11.343	1548	1551	1553	rBV4	3351	3327	0.17%	0.025%
76	11.629	1589	1598	1606	rBV	938194	1572787	82.62%	11.978%

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 Title : SFAM01.0

77	11.709	1609	1611	1612	rBV2	3215	2461	0.13%	0.019%
78	11.837	1625	1632	1636	rBV	14876	28212	1.48%	0.215%
79	11.916	1644	1645	1648	rVB3	2562	1933	0.10%	0.015%
80	11.989	1652	1657	1662	rBV9	3635	7241	0.38%	0.055%
81	12.032	1662	1664	1666	rVB3	2051	1976	0.10%	0.015%
82	12.117	1673	1678	1679	rBV5	3136	3334	0.18%	0.025%
83	12.166	1679	1686	1692	rVB4	14457	31724	1.67%	0.242%
84	12.239	1697	1698	1705	rVB7	2822	4290	0.23%	0.033%
85	12.349	1712	1716	1718	rBV5	4282	5894	0.31%	0.045%
86	12.416	1725	1727	1729	rBV3	2108	2259	0.12%	0.017%
87	12.440	1729	1731	1732	rVV2	3671	3467	0.18%	0.026%
88	12.458	1732	1734	1740	rVV6	5848	9608	0.50%	0.073%
89	12.519	1740	1744	1748	rVV7	3057	6169	0.32%	0.047%
90	12.605	1754	1758	1763	rVB5	9127	15148	0.80%	0.115%
91	12.690	1766	1772	1778	rBV	191714	317854	16.70%	2.421%
92	12.891	1797	1805	1809	rBV2	44527	95415	5.01%	0.727%
93	13.245	1860	1863	1868	rBV3	8062	11852	0.62%	0.090%
94	13.397	1881	1888	1890	rBV7	8081	17355	0.91%	0.132%
95	13.556	1908	1914	1922	rVB	560548	877393	46.09%	6.682%
96	13.848	1956	1962	1971	rVB	342820	571300	30.01%	4.351%
97	14.196	2016	2019	2024	rBV7	7851	11342	0.60%	0.086%
98	14.324	2036	2040	2042	rBV5	11682	19079	1.00%	0.145%
99	14.720	2101	2105	2110	rVB2	26475	43049	2.26%	0.328%
100	15.318	2200	2203	2206	rBV4	15765	20503	1.08%	0.156%

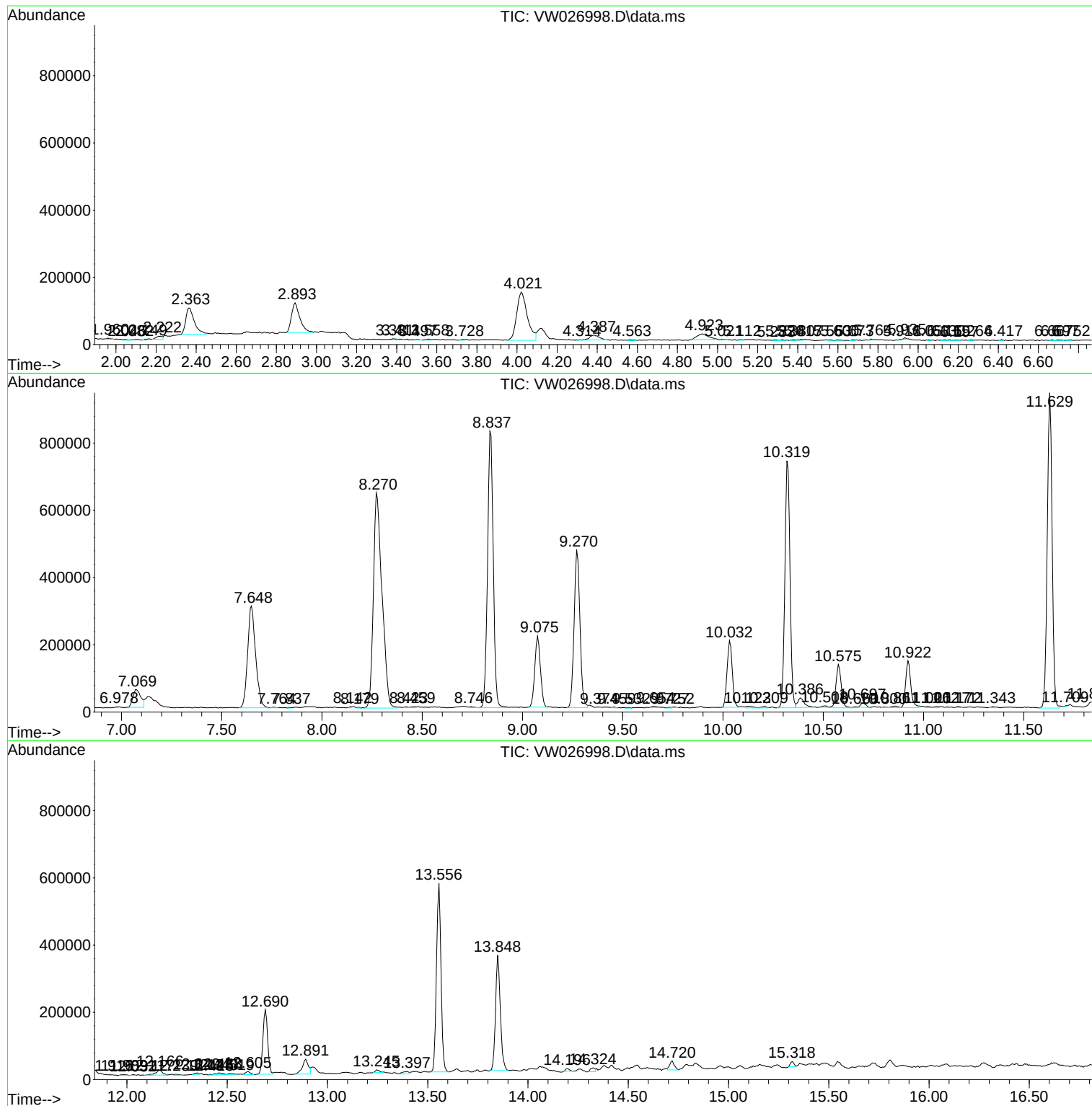
Sum of corrected areas: 13130615

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



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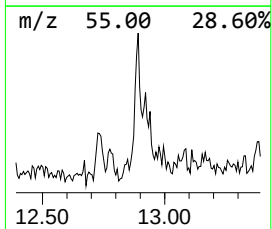
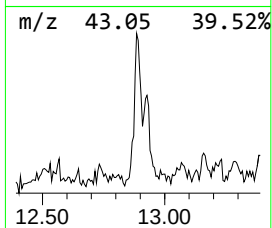
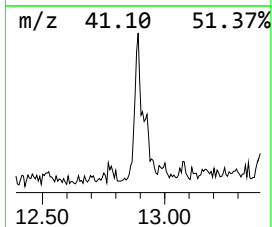
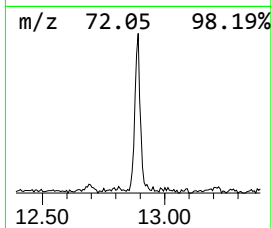
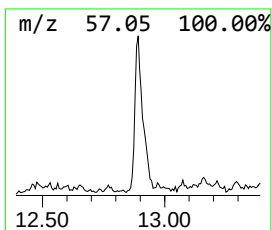
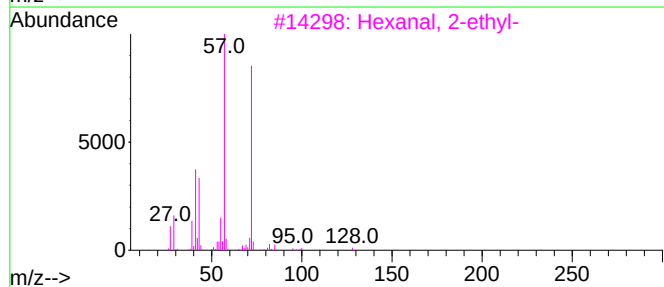
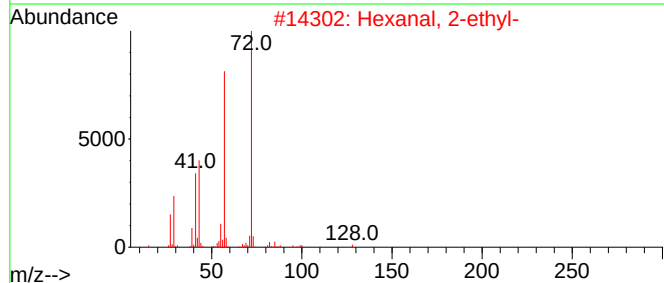
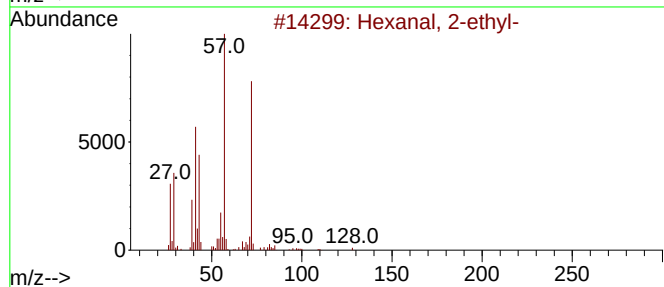
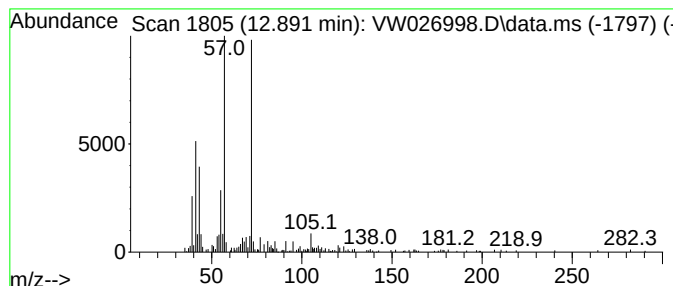
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Hexanal, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.891	2.72 ug/L	95415	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	83
2			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	80
3			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	80
4			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	80
5			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal, 2-ethyl-	12.891	2.7	ug/L	95415	3	13.556	877393	25.0