

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031590.D
 Acq On : 27 Jan 2025 14:05
 Operator : SY/MD
 Sample : Q1190-15
 Misc : 8.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031590.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	87	rBV	71346	135479	14.68%	2.366%
2	2.893	159	165	177	rBV	49649	117275	12.70%	2.048%
3	3.387	241	246	248	rBV4	3405	5146	0.56%	0.090%
4	3.850	316	322	325	rBV5	722	1116	0.12%	0.019%
5	4.021	338	350	361	rBV	119652	332285	35.99%	5.803%
6	4.131	361	368	382	rVB2	11692	33991	3.68%	0.594%
7	4.399	405	412	422	rBV3	2998	9371	1.02%	0.164%
8	4.685	452	459	465	rBV5	1834	4765	0.52%	0.083%
9	4.826	481	482	487	rBV	461	713	0.08%	0.012%
10	4.923	490	498	501	rBV6	992	2565	0.28%	0.045%
11	5.008	507	512	514	rBV4	1730	2956	0.32%	0.052%
12	5.118	528	530	532	rBV2	565	650	0.07%	0.011%
13	5.234	546	549	551	rBV3	450	615	0.07%	0.011%
14	5.770	633	637	638	rVV3	961	1204	0.13%	0.021%
15	5.801	638	642	648	rVV6	1617	3751	0.41%	0.066%
16	5.947	659	666	673	rBV7	1908	5553	0.60%	0.097%
17	6.027	675	679	682	rBV3	400	674	0.07%	0.012%
18	6.124	693	695	697	rVV3	825	863	0.09%	0.015%
19	6.197	702	707	711	rBV3	820	1322	0.14%	0.023%
20	6.276	718	720	722	rVV	663	613	0.07%	0.011%
21	6.502	753	757	758	rBV2	502	709	0.08%	0.012%
22	6.569	766	768	771	rBV	776	799	0.09%	0.014%
23	6.600	771	773	776	rVV3	596	666	0.07%	0.012%
24	6.776	798	802	803	rBV2	564	604	0.07%	0.011%
25	6.911	819	824	829	rBV5	1794	3737	0.40%	0.065%
26	7.075	844	851	871	rBV2	34706	123245	13.35%	2.152%
27	7.264	878	882	894	rVB5	3122	9121	0.99%	0.159%
28	7.490	916	919	921	rBV3	668	743	0.08%	0.013%
29	7.532	921	926	928	rVV	470	704	0.08%	0.012%
30	7.654	934	946	961	rBV2	151637	385597	41.77%	6.734%
31	7.831	974	975	979	rBV4	737	790	0.09%	0.014%
32	7.862	979	980	984	rBV2	489	606	0.07%	0.011%
33	8.276	1037	1048	1063	rBV2	306834	923173	100.00%	16.122%
34	8.410	1068	1070	1074	rVB3	699	612	0.07%	0.011%
35	8.532	1088	1090	1091	rBV	1118	1036	0.11%	0.018%
36	8.703	1113	1118	1126	rBV3	4892	11415	1.24%	0.199%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	8.843	1132	1141	1154	rVV	269924	557386	60.38%	9.734%
38	9.093	1175	1182	1191	rVB2	15475	32359	3.51%	0.565%
39	9.178	1194	1196	1200	rBV	486	706	0.08%	0.012%
40	9.270	1203	1211	1227	rBV	213420	441116	47.78%	7.704%
41	9.410	1229	1234	1246	rVV2	14879	30803	3.34%	0.538%
42	9.678	1273	1278	1283	rBV5	1092	2356	0.26%	0.041%
43	9.819	1298	1301	1303	rVB2	535	668	0.07%	0.012%
44	10.032	1329	1336	1350	rBV	92461	171224	18.55%	2.990%
45	10.318	1373	1383	1393	rBV	344772	641402	69.48%	11.201%
46	10.501	1406	1413	1417	rBV7	1515	3109	0.34%	0.054%
47	10.574	1417	1425	1432	rBV	47719	84811	9.19%	1.481%
48	10.696	1440	1445	1452	rVB	25399	43253	4.69%	0.755%
49	10.751	1452	1454	1459	rVB4	673	871	0.09%	0.015%
50	10.861	1467	1472	1475	rBV4	2538	4877	0.53%	0.085%
51	10.922	1476	1482	1499	rBV	100784	174353	18.89%	3.045%
52	11.068	1499	1506	1515	rBV	130258	217219	23.53%	3.794%
53	11.349	1549	1552	1555	rVB3	772	737	0.08%	0.013%
54	11.562	1583	1587	1588	rBV3	767	747	0.08%	0.013%
55	11.629	1591	1598	1605	rVV	234424	407190	44.11%	7.111%
56	11.715	1608	1612	1613	rBV3	939	1251	0.14%	0.022%
57	11.806	1624	1627	1629	rBV3	561	794	0.09%	0.014%
58	11.849	1630	1634	1642	rVV10	1993	5477	0.59%	0.096%
59	11.946	1646	1650	1656	rVV6	2038	3728	0.40%	0.065%
60	12.336	1708	1714	1724	rBV3	8625	16222	1.76%	0.283%
61	12.440	1729	1731	1734	rVV4	1083	1045	0.11%	0.018%
62	12.495	1737	1740	1741	rVV2	512	628	0.07%	0.011%
63	12.513	1741	1743	1745	rVB3	763	629	0.07%	0.011%
64	12.599	1750	1757	1764	rBV2	71225	119721	12.97%	2.091%
65	12.690	1765	1772	1779	rVV	127685	211527	22.91%	3.694%
66	12.751	1779	1782	1789	rVB5	2884	4456	0.48%	0.078%
67	12.873	1799	1802	1803	rBV2	921	787	0.09%	0.014%
68	12.928	1807	1811	1816	rVV5	4073	6422	0.70%	0.112%
69	12.995	1820	1822	1826	rVB4	760	653	0.07%	0.011%
70	13.037	1826	1829	1831	rBV3	1302	1393	0.15%	0.024%
71	13.117	1839	1842	1844	rVB3	782	949	0.10%	0.017%
72	13.153	1844	1848	1855	rVB4	2612	4889	0.53%	0.085%
73	13.397	1882	1888	1895	rBV5	4522	9269	1.00%	0.162%
74	13.501	1901	1905	1907	rBV4	1052	1646	0.18%	0.029%
75	13.550	1907	1913	1922	rVV	87855	148610	16.10%	2.595%
76	13.647	1925	1929	1935	rVB4	3579	6373	0.69%	0.111%

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 Title : SFAM01.0

77	13.696	1935	1937	1941	rVB4	1258	1528	0.17%	0.027%
78	13.800	1951	1954	1955	rBV3	965	891	0.10%	0.016%
79	13.848	1955	1962	1969	rBV	86135	147431	15.97%	2.575%
80	13.934	1975	1976	1979	rVB3	913	660	0.07%	0.012%
81	13.982	1980	1984	1986	rBV4	1113	1627	0.18%	0.028%
82	14.019	1986	1990	1991	rVV3	1391	1415	0.15%	0.025%
83	14.056	1991	1996	2003	rVV2	21262	37867	4.10%	0.661%
84	14.196	2013	2019	2024	rBV5	1830	4731	0.51%	0.083%
85	14.318	2036	2039	2043	rBV3	3393	5388	0.58%	0.094%
86	14.421	2054	2056	2058	rBV2	613	676	0.07%	0.012%
87	14.452	2058	2061	2062	rVV3	693	660	0.07%	0.012%
88	14.501	2065	2069	2070	rVV3	794	1000	0.11%	0.017%
89	14.610	2086	2087	2089	rBV2	722	719	0.08%	0.013%
90	14.702	2101	2102	2106	rBV4	672	774	0.08%	0.014%
91	15.122	2167	2171	2175	rBV6	1392	2179	0.24%	0.038%
92	15.171	2177	2179	2181	rBV3	805	971	0.11%	0.017%
93	15.263	2192	2194	2196	rVB3	730	708	0.08%	0.012%
94	15.476	2220	2229	2236	rBV	11483	23850	2.58%	0.417%
95	15.543	2238	2240	2243	rVV4	1637	2046	0.22%	0.036%
96	15.677	2260	2262	2265	rVB3	1102	1103	0.12%	0.019%
97	15.836	2285	2288	2290	rBV5	1070	1183	0.13%	0.021%
98	16.195	2346	2347	2350	rBV2	853	880	0.10%	0.015%
99	16.305	2363	2365	2368	rVB4	991	892	0.10%	0.016%
100	16.336	2368	2370	2372	rBV3	728	775	0.08%	0.014%

Sum of corrected areas: 5726074

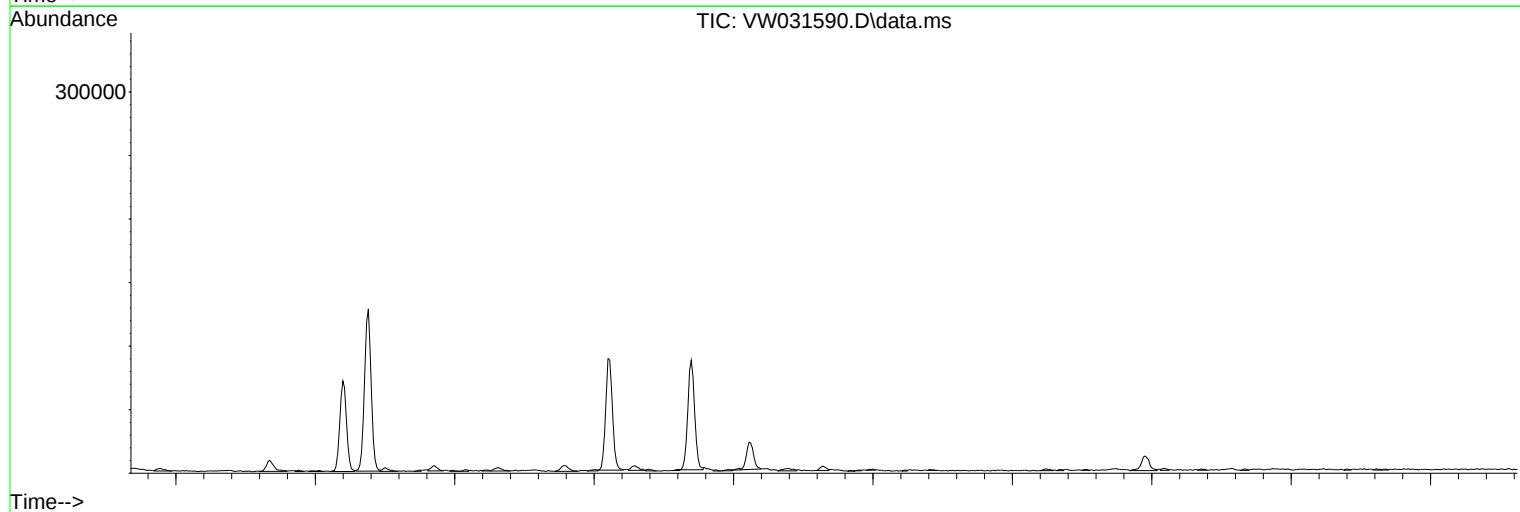
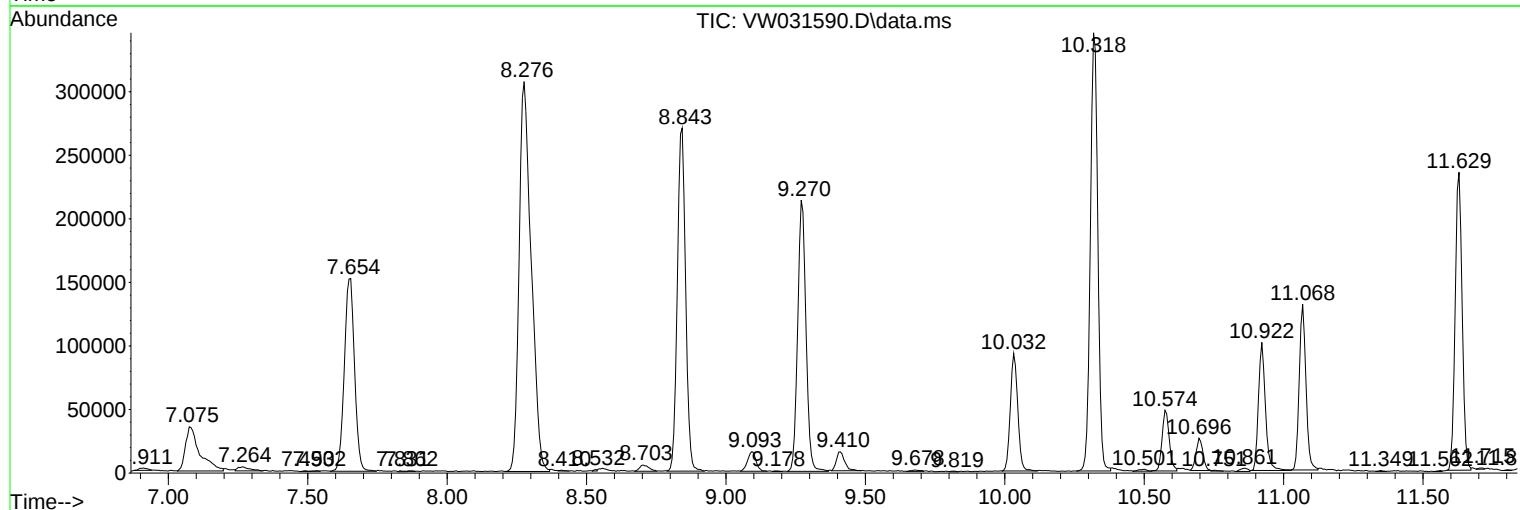
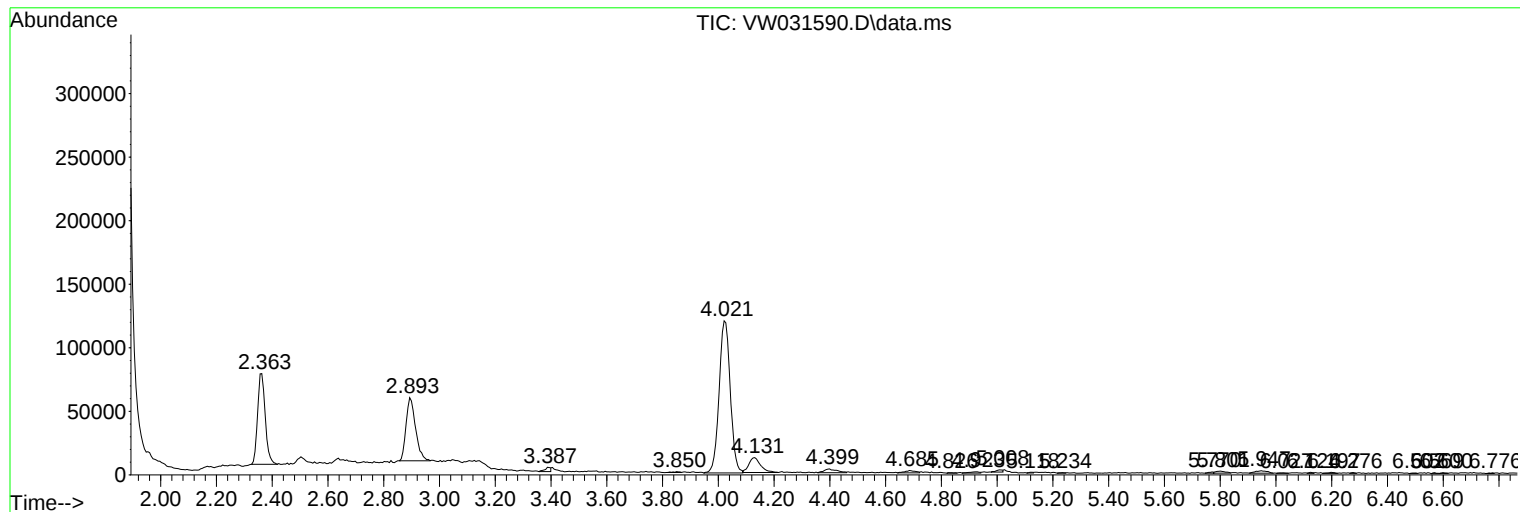
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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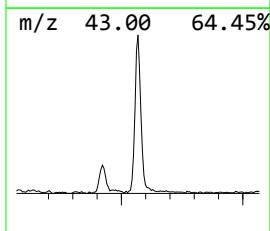
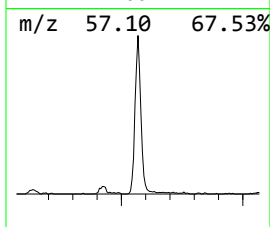
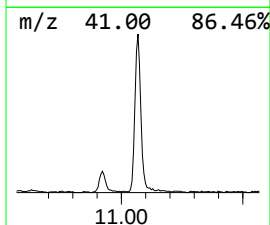
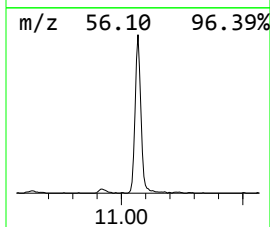
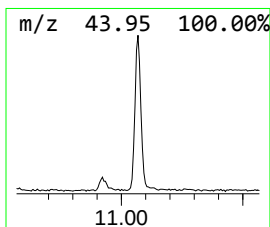
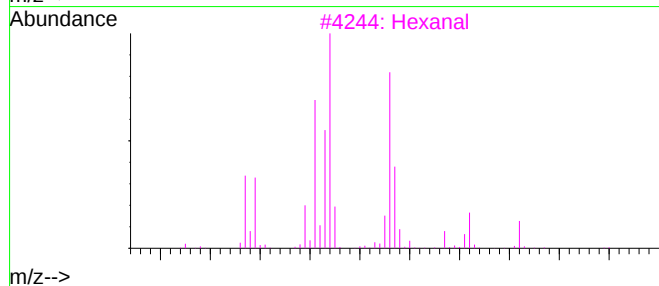
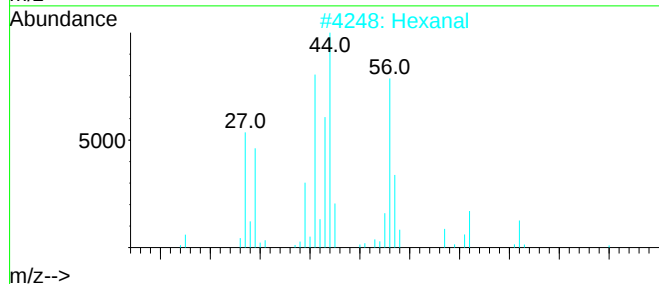
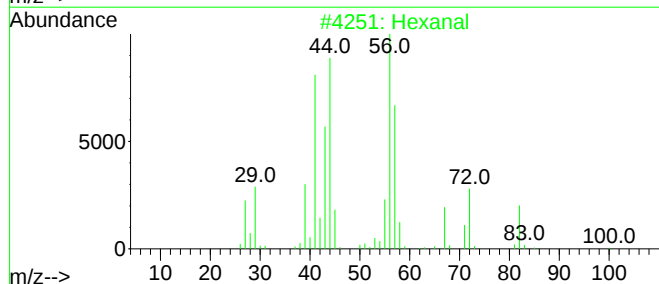
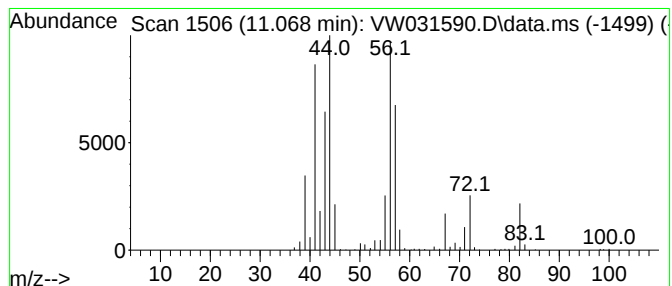
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	13.34 ug/L	217219	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	95
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	86
4	Hexanal	100	C6H12O	000066-25-1	83
5	Hexanal	100	C6H12O	000066-25-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	11.068	13.3	ug/L	217219	2	11.629	407190	25.0