

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020621.D
 Acq On : 19 Oct 2021 21:35
 Operator : SY/VA
 Sample : M4263-04
 Misc : 6.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB7E9

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: VW020621.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	83	rVB	71342	117206	11.75%	1.744%
2	2.489	90	96	107	rBV	24134	44952	4.51%	0.669%
3	2.800	142	147	152	rBV	1895	3856	0.39%	0.057%
4	2.873	152	159	171	rVB	25348	56828	5.70%	0.846%
5	3.032	175	185	186	rBV3	845	2260	0.23%	0.034%
6	3.379	238	242	248	rVB4	1324	2783	0.28%	0.041%
7	3.550	264	270	275	rVV4	913	2280	0.23%	0.034%
8	4.013	334	346	358	rBV2	97303	297622	29.83%	4.429%
9	4.129	358	365	377	rVV	11556	32754	3.28%	0.487%
10	4.221	377	380	381	rVV2	468	545	0.05%	0.008%
11	4.245	381	384	394	rVB4	1390	3254	0.33%	0.048%
12	4.367	398	404	405	rBV2	787	1059	0.11%	0.016%
13	4.385	405	407	414	rVB4	890	1527	0.15%	0.023%
14	4.672	444	454	470	rBV	9057	27343	2.74%	0.407%
15	4.916	483	494	503	rBV2	3227	10661	1.07%	0.159%
16	5.793	626	638	647	rBV2	1596	4958	0.50%	0.074%
17	5.934	656	661	666	rVV3	989	2107	0.21%	0.031%
18	6.104	685	689	690	rBV3	546	703	0.07%	0.010%
19	6.903	812	820	829	rBV3	2983	7910	0.79%	0.118%
20	7.080	840	849	861	rBV	26386	72636	7.28%	1.081%
21	7.647	931	942	958	rVB	165535	403345	40.43%	6.002%
22	7.757	958	960	963	rVB2	246	226	0.02%	0.003%
23	7.946	982	991	998	rVB5	641	1534	0.15%	0.023%
24	8.275	1032	1045	1059	rBV2	337179	997745	100.00%	14.846%
25	8.708	1109	1116	1124	rBV6	2213	5692	0.57%	0.085%
26	8.842	1129	1138	1147	rBV	292654	579022	58.03%	8.616%
27	9.043	1168	1171	1173	rBV3	521	723	0.07%	0.011%
28	9.079	1173	1177	1182	rVB4	583	969	0.10%	0.014%
29	9.275	1200	1209	1219	rBV	237384	474866	47.59%	7.066%
30	9.409	1225	1231	1239	rBV	9303	17450	1.75%	0.260%
31	9.506	1245	1247	1250	rBV	215	244	0.02%	0.004%
32	9.652	1266	1271	1272	rBV2	371	339	0.03%	0.005%
33	10.037	1326	1334	1347	rVV	122475	219488	22.00%	3.266%
34	10.128	1347	1349	1354	rVV4	313	461	0.05%	0.007%
35	10.323	1373	1381	1388	rVV	469923	811646	81.35%	12.077%
36	10.384	1388	1391	1402	rVB	19238	33755	3.38%	0.502%

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

37	10.506	1407	1411	1414	rBV4	658	1036	0.10%	0.015%
38	10.579	1416	1423	1429	rBV	78184	135577	13.59%	2.017%
39	10.701	1438	1443	1450	rVB	6584	11845	1.19%	0.176%
40	10.927	1472	1480	1493	rBV	106530	183212	18.36%	2.726%
41	11.073	1497	1504	1515	rVB	45563	77827	7.80%	1.158%
42	11.207	1524	1526	1531	rVB3	175	226	0.02%	0.003%
43	11.396	1556	1557	1559	rBV	325	300	0.03%	0.004%
44	11.573	1583	1586	1588	rBV2	240	298	0.03%	0.004%
45	11.628	1588	1595	1604	rVV	381199	650300	65.18%	9.676%
46	11.731	1604	1612	1619	rVV5	1180	2746	0.28%	0.041%
47	11.841	1623	1630	1639	rBV2	6643	13212	1.32%	0.197%
48	11.945	1642	1647	1653	rVV2	4181	7119	0.71%	0.106%
49	12.097	1668	1672	1673	rBV2	251	329	0.03%	0.005%
50	12.115	1673	1675	1678	rVB3	243	264	0.03%	0.004%
51	12.170	1678	1684	1691	rVB5	1694	3080	0.31%	0.046%
52	12.231	1691	1694	1698	rVB3	323	515	0.05%	0.008%
53	12.335	1706	1711	1718	rVV2	11972	19111	1.92%	0.284%
54	12.390	1718	1720	1723	rVB2	494	511	0.05%	0.008%
55	12.463	1728	1732	1735	rBV3	197	353	0.04%	0.005%
56	12.603	1747	1755	1762	rBV3	11109	20020	2.01%	0.298%
57	12.689	1762	1769	1776	rBV	144319	245221	24.58%	3.649%
58	12.756	1776	1780	1784	rVB4	651	1079	0.11%	0.016%
59	12.865	1793	1798	1800	rBV2	746	1044	0.10%	0.016%
60	12.932	1805	1809	1817	rVV4	2318	4924	0.49%	0.073%
61	13.006	1820	1821	1824	rVV2	288	295	0.03%	0.004%
62	13.048	1824	1828	1833	rVV2	2636	4091	0.41%	0.061%
63	13.097	1833	1836	1840	rVV3	1196	1920	0.19%	0.029%
64	13.134	1840	1842	1845	rVV3	705	1075	0.11%	0.016%
65	13.188	1847	1851	1858	rVV4	1215	3073	0.31%	0.046%
66	13.274	1858	1865	1873	rVB3	7084	15970	1.60%	0.238%
67	13.396	1878	1885	1893	rBV2	12993	22230	2.23%	0.331%
68	13.469	1893	1897	1903	rBV5	2125	3909	0.39%	0.058%
69	13.554	1905	1911	1919	rVV	317239	504108	50.52%	7.501%
70	13.646	1922	1926	1935	rVB2	7247	11658	1.17%	0.173%
71	13.755	1939	1944	1949	rBV5	1059	2234	0.22%	0.033%
72	13.798	1949	1951	1952	rVV2	430	355	0.04%	0.005%
73	13.853	1953	1960	1973	rVB	296905	487322	48.84%	7.251%
74	14.018	1981	1987	1991	rBV3	1620	2756	0.28%	0.041%
75	14.066	1991	1995	2002	rVB	4005	6729	0.67%	0.100%
76	14.182	2012	2014	2017	rVB2	268	248	0.02%	0.004%

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

77	14.213	2017	2019	2023	rBV3	192	244	0.02%	0.004%
78	14.322	2030	2037	2044	rBV3	8618	13653	1.37%	0.203%
79	14.420	2051	2053	2056	rVB2	297	294	0.03%	0.004%
80	14.450	2056	2058	2062	rBV4	290	466	0.05%	0.007%
81	14.493	2062	2065	2066	rBV	245	269	0.03%	0.004%
82	14.511	2066	2068	2069	rBV2	334	210	0.02%	0.003%
83	14.621	2080	2086	2088	rBV3	506	625	0.06%	0.009%
84	14.719	2097	2102	2106	rVB3	437	608	0.06%	0.009%
85	14.786	2111	2113	2115	rBV2	267	325	0.03%	0.005%
86	14.883	2125	2129	2133	rBV4	841	1112	0.11%	0.017%
87	14.950	2137	2140	2143	rVB2	753	807	0.08%	0.012%
88	15.017	2146	2151	2157	rBV4	2868	4342	0.44%	0.065%
89	15.121	2166	2168	2169	rBV2	389	226	0.02%	0.003%
90	15.176	2172	2177	2183	rVB3	1984	2930	0.29%	0.044%
91	15.359	2204	2207	2208	rBV2	266	264	0.03%	0.004%
92	15.389	2208	2212	2218	rVB3	582	1018	0.10%	0.015%
93	15.487	2222	2228	2233	rBV2	452	944	0.09%	0.014%
94	15.755	2265	2272	2276	rBV4	572	866	0.09%	0.013%
95	15.847	2283	2287	2290	rVB4	347	568	0.06%	0.008%
96	15.962	2301	2306	2311	rVB4	441	748	0.07%	0.011%
97	16.017	2313	2315	2319	rBV	216	264	0.03%	0.004%
98	16.096	2324	2328	2330	rBV2	402	371	0.04%	0.006%
99	16.188	2340	2343	2344	rBV2	205	227	0.02%	0.003%
100	16.645	2416	2418	2421	rBV3	138	225	0.02%	0.003%

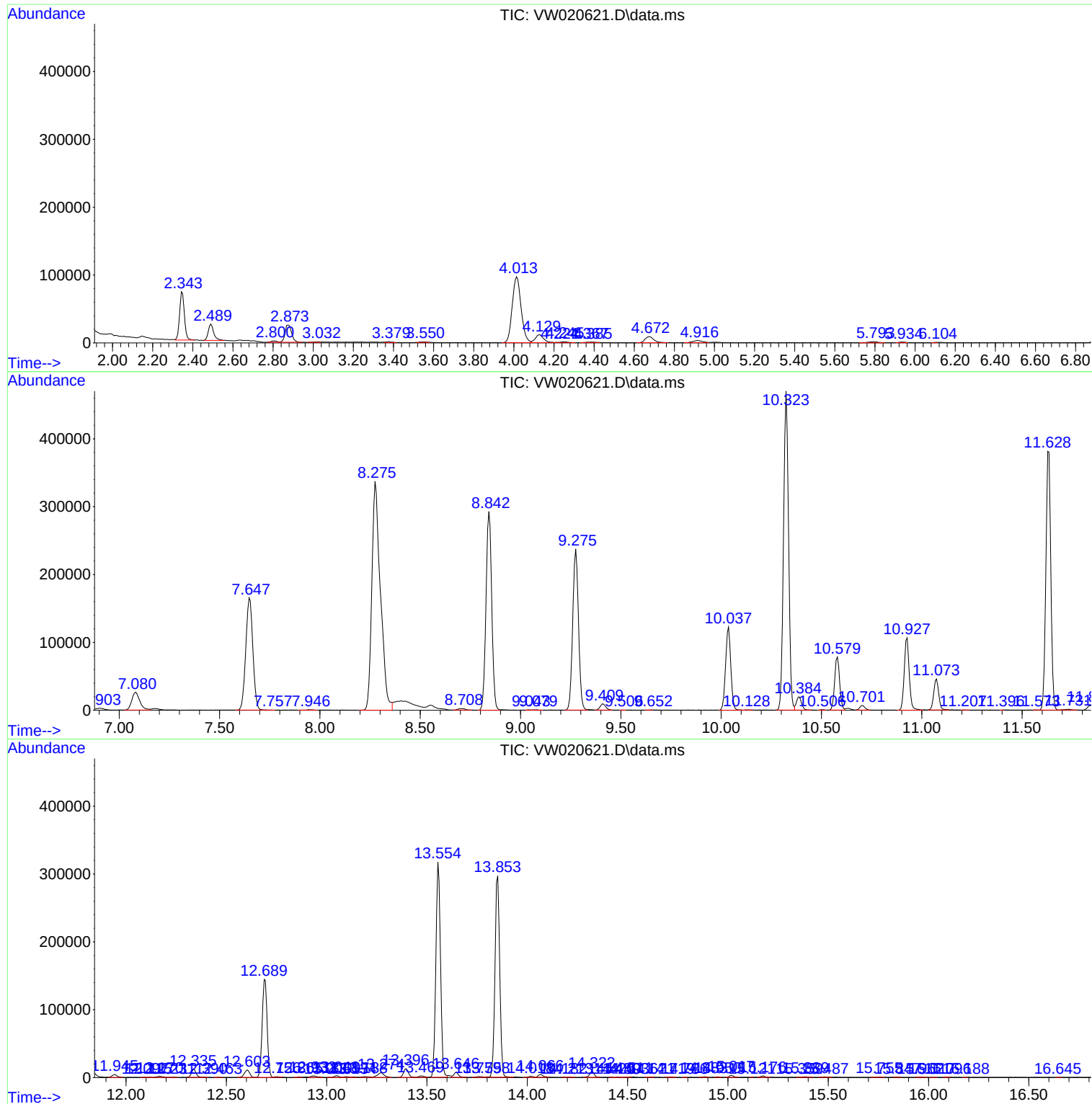
Sum of corrected areas: 6720477

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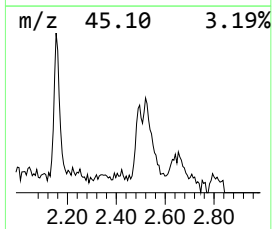
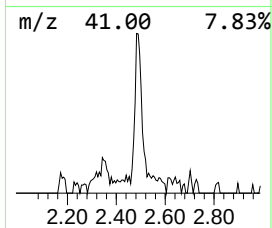
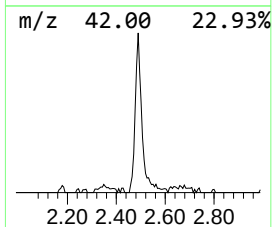
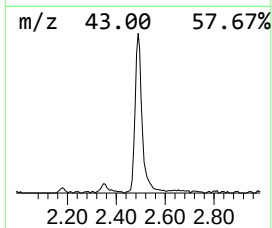
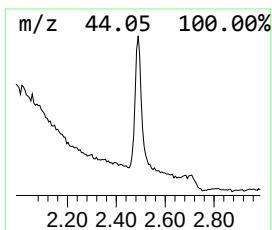
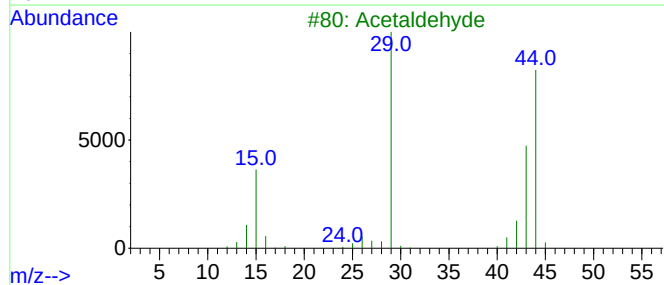
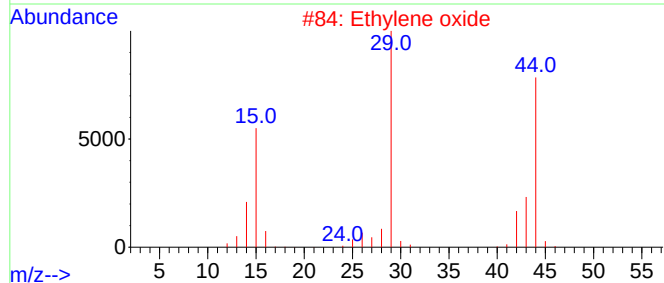
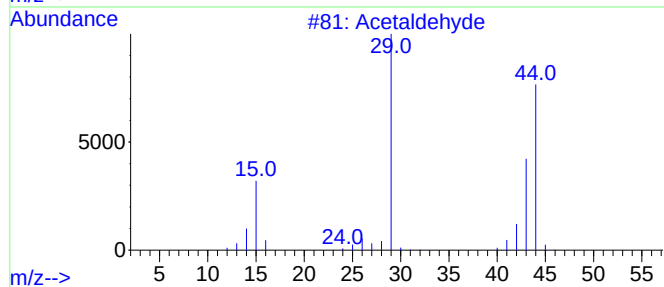
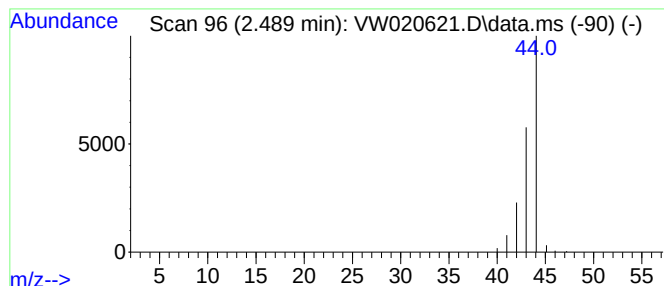
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	1.94 ug/L	44952	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Ethylene oxide	44	C2H4O	000075-21-8	9
3			Acetaldehyde	44	C2H4O	000075-07-0	9
4			Ethylene oxide	44	C2H4O	000075-21-8	7
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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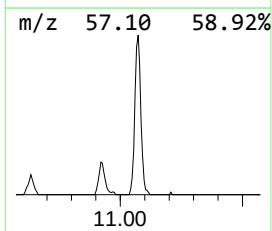
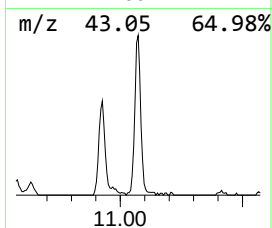
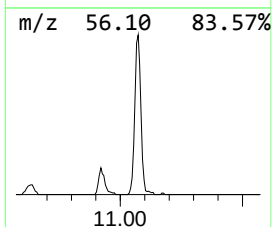
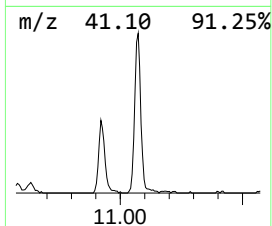
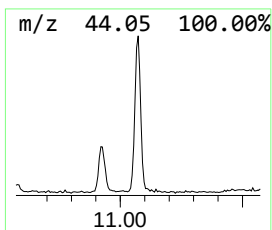
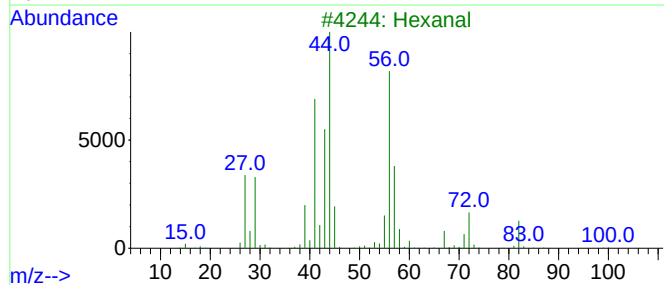
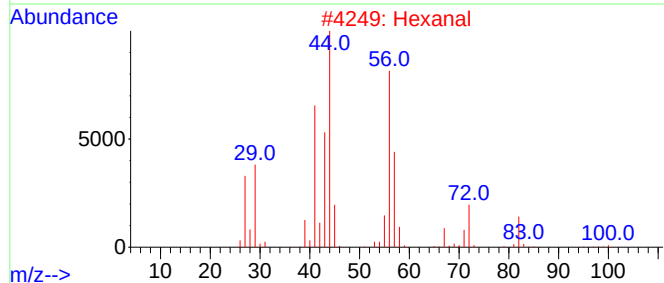
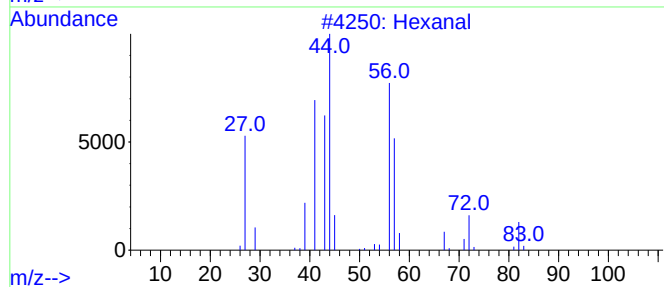
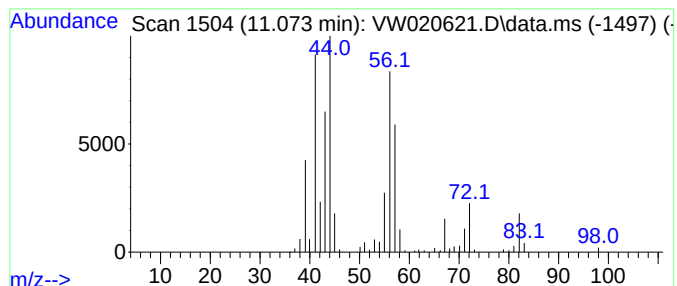
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.073	2.99 ug/L	77827	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	72
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	50



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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	1.9	ug/L	44952	1	8.842	579022	25.0
Hexanal	11.073	3.0	ug/L	77827	2	11.634	650300	25.0