

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027783.D
 Acq On : 19 Dec 2023 16:46
 Operator : SY/MD
 Sample : 05835-21
 Misc : 3.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B25

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\SFAMWLM121523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027783.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.362	71	78	93	rVB	134040	279020	14.61%	1.723%
2	2.899	158	166	183	rBV	79106	219649	11.50%	1.356%
3	3.399	241	248	257	rVV3	2442	5438	0.28%	0.034%
4	3.704	295	298	300	rBV2	196	288	0.02%	0.002%
5	4.021	338	350	365	rBV	252620	665938	34.86%	4.111%
6	4.167	367	374	389	rVV2	4815	19533	1.02%	0.121%
7	4.271	389	391	395	rVB3	439	490	0.03%	0.003%
8	4.575	436	441	442	rBV2	247	342	0.02%	0.002%
9	4.703	454	462	472	rVV3	1883	6442	0.34%	0.040%
10	4.917	487	497	506	rBV3	7994	26175	1.37%	0.162%
11	5.008	508	512	522	rVV6	2454	7308	0.38%	0.045%
12	5.764	633	636	637	rBV2	318	324	0.02%	0.002%
13	5.789	637	640	641	rBV2	514	424	0.02%	0.003%
14	5.868	650	653	656	rBV2	241	346	0.02%	0.002%
15	5.941	658	665	674	rVV2	3042	8666	0.45%	0.054%
16	6.240	710	714	718	rBV	270	386	0.02%	0.002%
17	6.514	754	759	760	rBV2	201	257	0.01%	0.002%
18	6.727	790	794	797	rBV2	180	280	0.01%	0.002%
19	6.788	800	804	808	rBV2	141	280	0.01%	0.002%
20	6.916	816	825	830	rBV4	1247	3795	0.20%	0.023%
21	7.093	845	854	877	rBV	43662	146416	7.66%	0.904%
22	7.648	934	945	960	rVV	322894	790399	41.38%	4.880%
23	7.764	962	964	974	rVB4	1073	2239	0.12%	0.014%
24	7.959	994	996	1000	rVB2	276	330	0.02%	0.002%
25	8.276	1036	1048	1065	rBV2	665248	1910288	100.00%	11.794%
26	8.544	1086	1092	1093	rBV4	734	877	0.05%	0.005%
27	8.709	1113	1119	1127	rBV3	3195	7663	0.40%	0.047%
28	8.843	1132	1141	1154	rBV	797782	1568229	82.09%	9.682%
29	9.081	1173	1180	1186	rBV7	681	1571	0.08%	0.010%
30	9.276	1202	1212	1221	rBV	414687	856870	44.86%	5.290%
31	9.410	1228	1234	1246	rVB2	8314	17324	0.91%	0.107%
32	9.550	1252	1257	1260	rBV2	283	420	0.02%	0.003%
33	9.666	1270	1276	1279	rBV5	467	645	0.03%	0.004%
34	9.885	1310	1312	1316	rBV2	210	289	0.02%	0.002%
35	10.032	1328	1336	1345	rBV	234642	425785	22.29%	2.629%
36	10.129	1350	1352	1353	rVV2	526	497	0.03%	0.003%

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 Title : SFAM01.0

37	10.154	1353	1356	1361	rVB4	862	1704	0.09%	0.011%
38	10.202	1361	1364	1367	rBV2	178	262	0.01%	0.002%
39	10.324	1375	1384	1391	rBV	920475	1657119	86.75%	10.231%
40	10.385	1391	1394	1399	rVB2	6522	10714	0.56%	0.066%
41	10.495	1409	1412	1413	rBV2	310	350	0.02%	0.002%
42	10.507	1413	1414	1416	rVV2	549	346	0.02%	0.002%
43	10.574	1418	1425	1439	rVV	140816	247314	12.95%	1.527%
44	10.702	1439	1446	1452	rVV2	11626	20910	1.09%	0.129%
45	10.867	1468	1473	1474	rVB2	330	445	0.02%	0.003%
46	10.922	1474	1482	1494	rBV	219745	372628	19.51%	2.301%
47	11.068	1501	1506	1523	rVB	54969	96765	5.07%	0.597%
48	11.489	1573	1575	1580	rVB2	149	284	0.01%	0.002%
49	11.629	1589	1598	1608	rBV	1090449	1847621	96.72%	11.407%
50	11.769	1619	1621	1623	rVB	380	270	0.01%	0.002%
51	11.818	1623	1629	1635	rBV4	3795	7869	0.41%	0.049%
52	11.934	1646	1648	1650	rBV2	347	357	0.02%	0.002%
53	12.044	1664	1666	1669	rVB3	527	480	0.03%	0.003%
54	12.111	1672	1677	1681	rBV4	2292	3977	0.21%	0.025%
55	12.165	1681	1686	1694	rVB5	965	1833	0.10%	0.011%
56	12.342	1709	1715	1721	rBV5	2693	5671	0.30%	0.035%
57	12.470	1728	1736	1742	rBV	48354	83498	4.37%	0.516%
58	12.604	1750	1758	1764	rBV2	23237	39314	2.06%	0.243%
59	12.690	1764	1772	1784	rBV2	408989	783881	41.03%	4.840%
60	12.891	1799	1805	1807	rBV4	813	1285	0.07%	0.008%
61	12.952	1810	1815	1821	rVB4	6102	10879	0.57%	0.067%
62	13.025	1821	1827	1834	rVB2	18930	32730	1.71%	0.202%
63	13.153	1837	1848	1853	rBV3	7292	13585	0.71%	0.084%
64	13.214	1853	1858	1860	rBV	10959	17785	0.93%	0.110%
65	13.269	1861	1867	1878	rVB	286617	456165	23.88%	2.816%
66	13.360	1878	1882	1883	rBV3	1705	2373	0.12%	0.015%
67	13.409	1884	1890	1894	rBV5	8640	17057	0.89%	0.105%
68	13.464	1894	1899	1902	rBV	112990	188457	9.87%	1.164%
69	13.555	1908	1914	1926	rVB	1072079	1813966	94.96%	11.199%
70	13.708	1934	1939	1944	rVB4	4391	7092	0.37%	0.044%
71	13.751	1944	1946	1948	rBV2	866	843	0.04%	0.005%
72	13.848	1954	1962	1975	rBV	776366	1283662	67.20%	7.925%
73	13.958	1975	1980	1981	rVV5	5417	7650	0.40%	0.047%
74	13.994	1981	1986	1992	rVV2	28517	45648	2.39%	0.282%
75	14.061	1992	1997	2002	rVB2	10886	17690	0.93%	0.109%
76	14.147	2007	2011	2016	rVB2	3759	5074	0.27%	0.031%

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 Title : SFAM01.0

77	14.232	2023	2025	2028	rBV4	324	392	0.02%	0.002%
78	14.324	2031	2040	2047	rBV7	3191	7411	0.39%	0.046%
79	14.452	2060	2061	2064	rBV3	424	331	0.02%	0.002%
80	14.494	2066	2068	2069	rVV2	950	976	0.05%	0.006%
81	14.519	2069	2072	2081	rVV4	2168	3658	0.19%	0.023%
82	14.586	2081	2083	2085	rVB2	419	349	0.02%	0.002%
83	14.628	2085	2090	2092	rBV5	487	861	0.05%	0.005%
84	14.689	2094	2100	2111	rVV3	8275	18770	0.98%	0.116%
85	14.897	2132	2134	2135	rBV	385	314	0.02%	0.002%
86	14.952	2138	2143	2148	rVB4	1322	2304	0.12%	0.014%
87	15.128	2161	2172	2178	rBV	25127	44934	2.35%	0.277%
88	15.201	2179	2184	2189	rVV8	3112	8130	0.43%	0.050%
89	15.244	2189	2191	2196	rVV6	2446	3331	0.17%	0.021%
90	15.293	2196	2199	2204	rVB4	1898	3245	0.17%	0.020%
91	15.360	2204	2210	2211	rBV2	647	1061	0.06%	0.007%
92	15.415	2216	2219	2223	rVB4	733	1018	0.05%	0.006%
93	15.482	2225	2230	2234	rVV2	2279	4251	0.22%	0.026%
94	15.543	2237	2240	2247	rVB3	6308	11186	0.59%	0.069%
95	15.878	2293	2295	2296	rBV2	363	318	0.02%	0.002%
96	16.098	2326	2331	2332	rBV3	456	795	0.04%	0.005%
97	16.171	2341	2343	2349	rVV5	725	953	0.05%	0.006%
98	16.470	2390	2392	2395	rVB4	365	344	0.02%	0.002%
99	16.726	2430	2434	2438	rVB3	518	1128	0.06%	0.007%
100	16.768	2438	2441	2442	rBV2	529	517	0.03%	0.003%

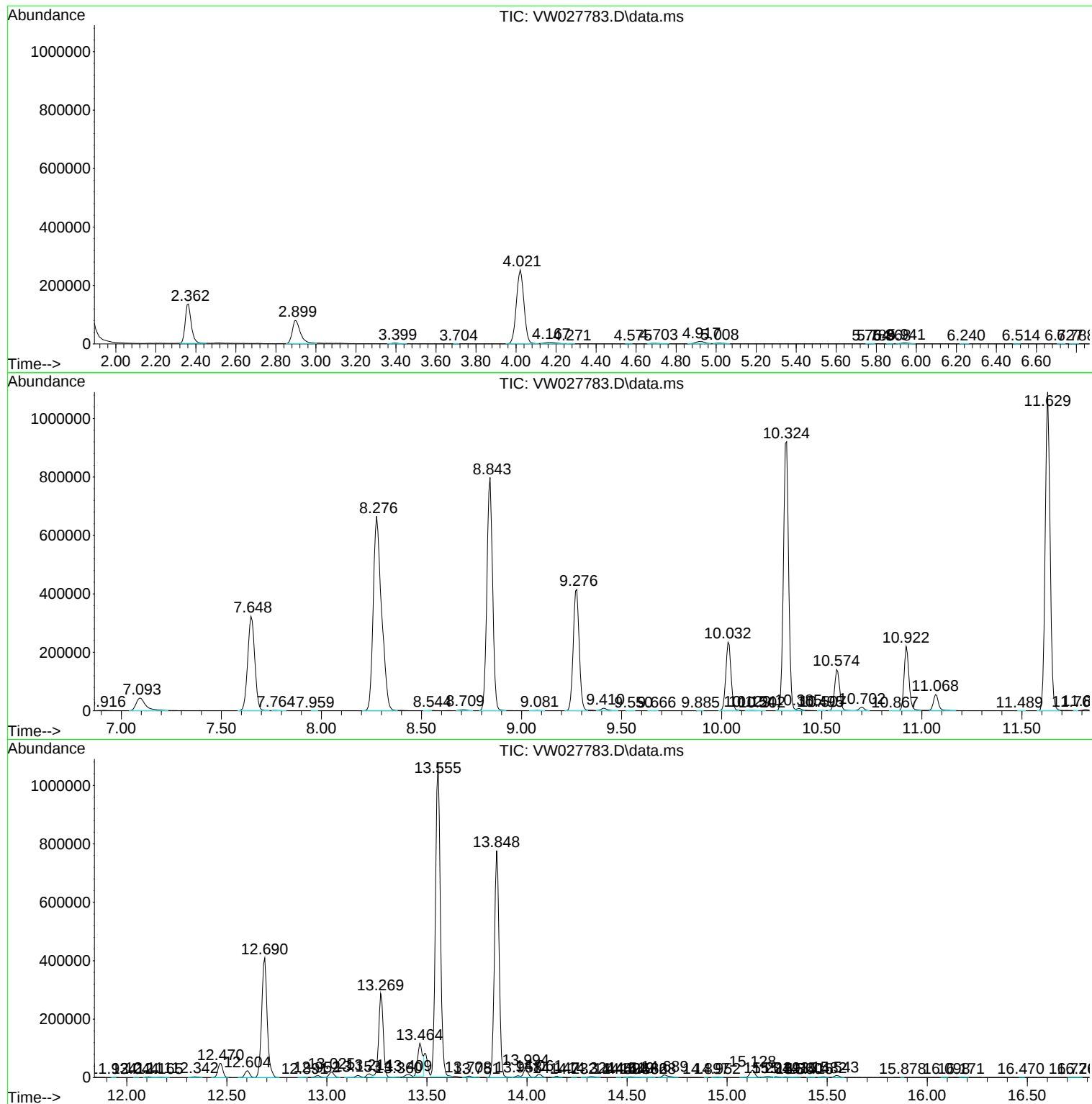
Sum of corrected areas: 16197353

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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



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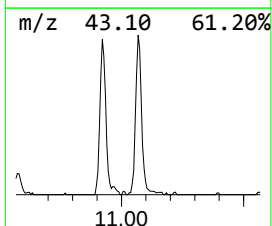
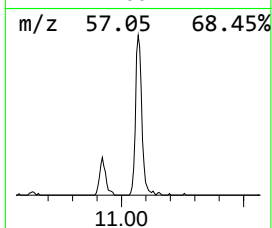
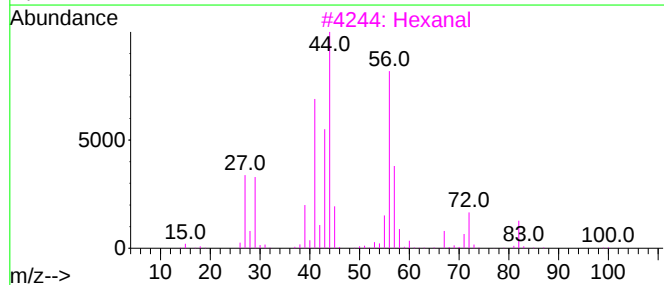
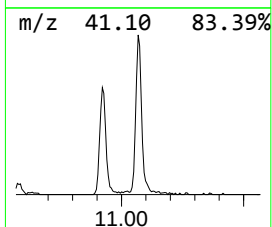
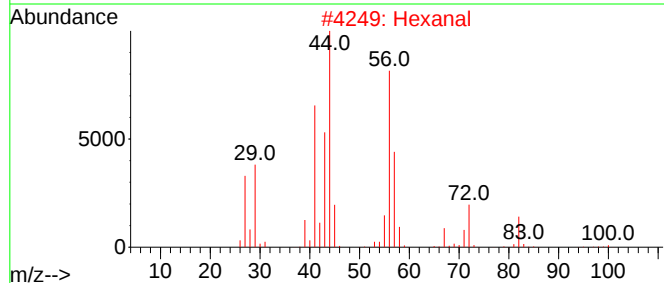
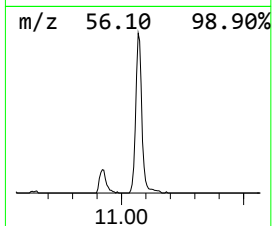
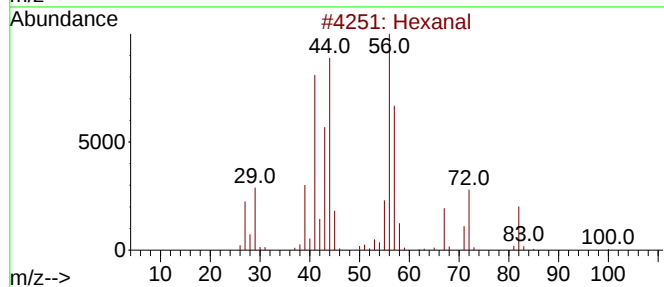
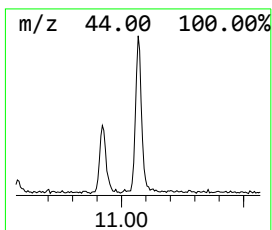
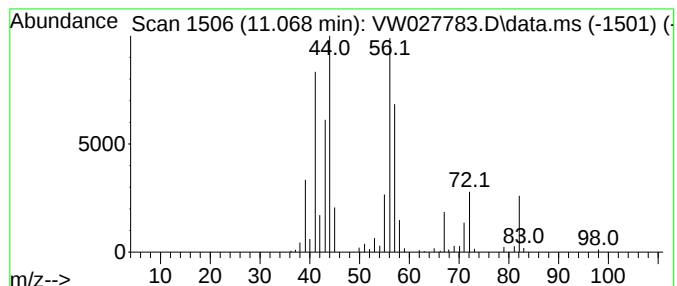
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	1.31 ug/L	96765	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	91
2	Hexanal			100	C6H12O	000066-25-1	83
3	Hexanal			100	C6H12O	000066-25-1	83
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	72



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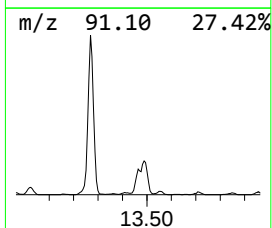
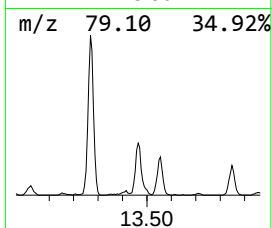
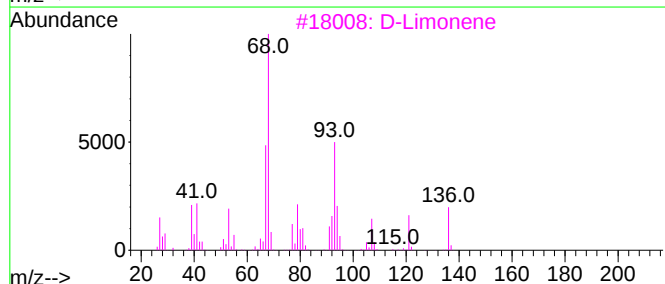
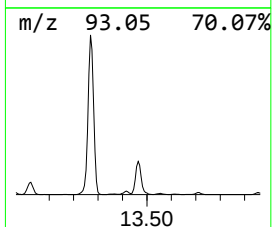
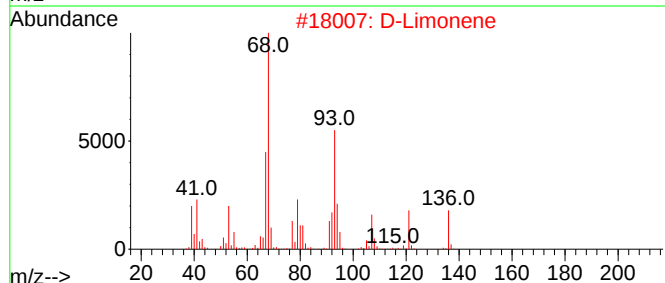
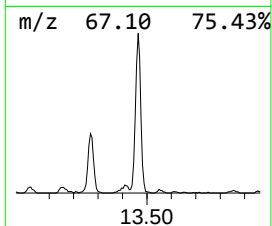
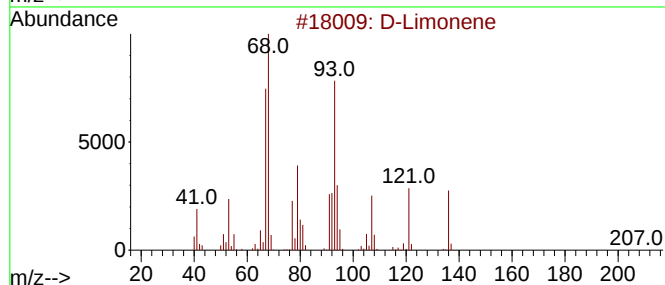
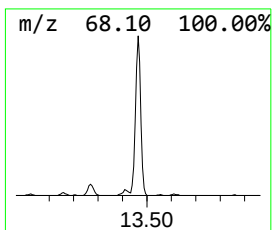
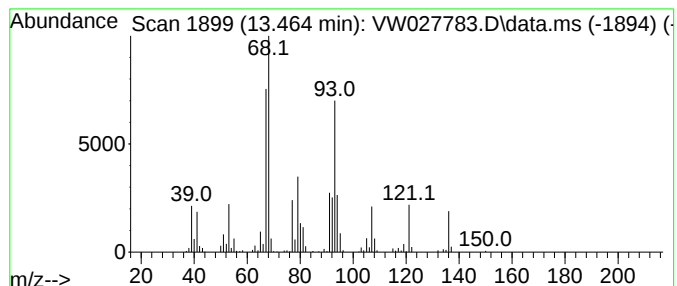
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.60 ug/L	188457	1,4-Dichlorobenzene-d4	13.549

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene			136	C10H16	005989-27-5	98
2	D-Limonene			136	C10H16	005989-27-5	95
3	D-Limonene			136	C10H16	005989-27-5	95
4	Limonene			136	C10H16	000138-86-3	94
5	D-Limonene			136	C10H16	005989-27-5	93



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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
Hexanal	11.068	1.3	ug/L	96765	2	11.629	1847620	25.0
D-Limonene	13.464	2.6	ug/L	188457	3	13.549	1813970	25.0