

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029980.D
 Acq On : 22 Aug 2024 11:56
 Operator : SY/MD
 Sample : P3673-01
 Misc : 4.43g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXY7

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029980.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	72	78	90	rVB	39822	85048	10.55%	1.428%
2	2.905	160	167	182	rVB	27221	79486	9.86%	1.335%
3	3.393	241	247	259	rVB2	5214	11808	1.47%	0.198%
4	3.612	281	283	284	rVB	336	166	0.02%	0.003%
5	3.710	297	299	301	rBV3	267	239	0.03%	0.004%
6	3.795	312	313	316	rVB2	350	283	0.04%	0.005%
7	3.850	320	322	324	rVV	474	443	0.05%	0.007%
8	3.899	328	330	334	rBV4	331	419	0.05%	0.007%
9	4.021	339	350	362	rBV	67931	202870	25.18%	3.407%
10	4.149	363	371	386	rVB	54105	182825	22.69%	3.070%
11	4.460	420	422	423	rBV	321	180	0.02%	0.003%
12	4.648	452	453	455	rBV3	346	258	0.03%	0.004%
13	4.917	487	497	513	rBV2	9718	32065	3.98%	0.538%
14	5.124	528	531	533	rBV2	158	177	0.02%	0.003%
15	5.319	561	563	566	rBV	147	189	0.02%	0.003%
16	5.362	568	570	572	rVV2	128	169	0.02%	0.003%
17	5.398	574	576	578	rVB	194	172	0.02%	0.003%
18	5.423	578	580	584	rBV2	292	297	0.04%	0.005%
19	5.545	597	600	602	rBV2	152	189	0.02%	0.003%
20	5.673	618	621	624	rVB2	197	245	0.03%	0.004%
21	5.795	633	641	648	rBV3	1175	3034	0.38%	0.051%
22	5.941	657	665	678	rVB7	2655	8368	1.04%	0.141%
23	6.112	689	693	695	rBV3	446	637	0.08%	0.011%
24	6.337	729	730	733	rBV2	135	164	0.02%	0.003%
25	6.392	736	739	741	rVV2	186	200	0.02%	0.003%
26	6.465	747	751	752	rVB	204	210	0.03%	0.004%
27	6.721	792	793	796	rVB	216	183	0.02%	0.003%
28	6.770	796	801	803	rBV2	202	351	0.04%	0.006%
29	6.813	805	808	809	rVB2	168	155	0.02%	0.003%
30	6.916	819	825	828	rBV5	930	1972	0.24%	0.033%
31	7.087	846	853	871	rBV2	14679	56696	7.04%	0.952%
32	7.374	898	900	902	rVB2	258	192	0.02%	0.003%
33	7.508	919	922	925	rBV2	171	207	0.03%	0.003%
34	7.648	935	945	960	rBV	111736	280662	34.83%	4.713%
35	7.776	964	966	969	rVV2	375	367	0.05%	0.006%
36	7.849	976	978	983	rBV2	143	192	0.02%	0.003%

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Title : SFAM01.0

37	7.995	999	1002	1007	rBV2	103	187	0.02%	0.003%
38	8.123	1022	1023	1027	rBV2	143	201	0.02%	0.003%
39	8.276	1038	1048	1069	rVV2	203496	609943	75.70%	10.242%
40	8.447	1073	1076	1079	rVV3	211	213	0.03%	0.004%
41	8.709	1111	1119	1127	rBV2	8766	21110	2.62%	0.354%
42	8.843	1133	1141	1153	rBV	412953	805787	100.00%	13.530%
43	9.081	1175	1180	1184	rVB6	1209	2239	0.28%	0.038%
44	9.117	1184	1186	1189	rBV2	536	432	0.05%	0.007%
45	9.276	1203	1212	1222	rBV	145033	297908	36.97%	5.002%
46	9.410	1228	1234	1246	rVB2	9669	20140	2.50%	0.338%
47	9.538	1253	1255	1257	rVB2	256	208	0.03%	0.003%
48	9.666	1274	1276	1283	rVB3	504	736	0.09%	0.012%
49	9.843	1302	1305	1306	rBV2	221	170	0.02%	0.003%
50	10.032	1326	1336	1347	rBV	63732	119963	14.89%	2.014%
51	10.251	1370	1372	1374	rBV2	171	177	0.02%	0.003%
52	10.324	1374	1384	1390	rBV	245028	440261	54.64%	7.393%
53	10.385	1390	1394	1406	rVB	14091	27852	3.46%	0.468%
54	10.501	1409	1413	1417	rBV3	1542	2319	0.29%	0.039%
55	10.574	1419	1425	1433	rBV	39694	70628	8.77%	1.186%
56	10.696	1439	1445	1451	rBV	15539	29161	3.62%	0.490%
57	10.861	1468	1472	1476	rBV4	745	1170	0.15%	0.020%
58	10.922	1476	1482	1496	rBV	60286	108454	13.46%	1.821%
59	11.068	1500	1506	1520	rVV	83603	146510	18.18%	2.460%
60	11.373	1554	1556	1558	rVB	244	171	0.02%	0.003%
61	11.422	1560	1564	1565	rBV2	224	326	0.04%	0.005%
62	11.568	1584	1588	1591	rBV3	1642	2476	0.31%	0.042%
63	11.629	1591	1598	1607	rVV	477345	769045	95.44%	12.913%
64	11.848	1627	1634	1644	rBV3	9415	22386	2.78%	0.376%
65	12.013	1656	1661	1670	rBV	15934	29140	3.62%	0.489%
66	12.336	1708	1714	1717	rBV4	8226	15624	1.94%	0.262%
67	12.470	1729	1736	1748	rVB	67421	116964	14.52%	1.964%
68	12.604	1751	1758	1764	rVV2	14066	24007	2.98%	0.403%
69	12.690	1765	1772	1787	rVB2	95393	209398	25.99%	3.516%
70	12.848	1796	1798	1801	rBV2	296	331	0.04%	0.006%
71	12.946	1803	1814	1822	rVB8	3646	10967	1.36%	0.184%
72	13.019	1822	1826	1828	rBV4	1840	2663	0.33%	0.045%
73	13.086	1833	1837	1838	rBV3	1661	2013	0.25%	0.034%
74	13.153	1845	1848	1853	rVB3	1982	2786	0.35%	0.047%
75	13.208	1853	1857	1859	rBV2	3810	5616	0.70%	0.094%
76	13.238	1860	1862	1867	rVB2	6860	9024	1.12%	0.152%

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77	13.360	1877	1882	1884	rBV2	6740	11104	1.38%	0.186%
78	13.464	1893	1899	1901	rBV	154737	239025	29.66%	4.014%
79	13.555	1908	1914	1922	rVB	336823	524634	65.11%	8.809%
80	13.708	1935	1939	1944	rVB5	3940	5942	0.74%	0.100%
81	13.848	1955	1962	1974	rVB	114996	191159	23.72%	3.210%
82	13.994	1981	1986	1993	rBV5	8282	17201	2.13%	0.289%
83	14.061	1993	1997	2006	rVB2	8999	16225	2.01%	0.272%
84	14.214	2020	2022	2029	rVB4	658	907	0.11%	0.015%
85	14.317	2033	2039	2045	rBV3	7725	13331	1.65%	0.224%
86	14.403	2052	2053	2055	rBV2	405	239	0.03%	0.004%
87	14.458	2061	2062	2064	rBV	239	191	0.02%	0.003%
88	14.519	2067	2072	2076	rVV2	1430	1967	0.24%	0.033%
89	14.555	2076	2078	2079	rVB2	453	219	0.03%	0.004%
90	14.616	2086	2088	2093	rVB2	1032	1110	0.14%	0.019%
91	14.689	2093	2100	2109	rBV2	9888	18733	2.32%	0.315%
92	14.750	2109	2110	2112	rBV	384	187	0.02%	0.003%
93	14.848	2123	2126	2133	rVB6	1369	2527	0.31%	0.042%
94	15.165	2174	2178	2180	rBV5	1546	2259	0.28%	0.038%
95	15.195	2181	2183	2187	rVV3	3129	5195	0.64%	0.087%
96	15.244	2187	2191	2199	rVB3	8081	14030	1.74%	0.236%
97	15.354	2207	2209	2211	rBV	493	508	0.06%	0.009%
98	15.476	2225	2229	2235	rVB	3048	4680	0.58%	0.079%
99	15.781	2277	2279	2284	rBB2	548	637	0.08%	0.011%
100	15.842	2284	2289	2295	rBV7	1507	3537	0.44%	0.059%

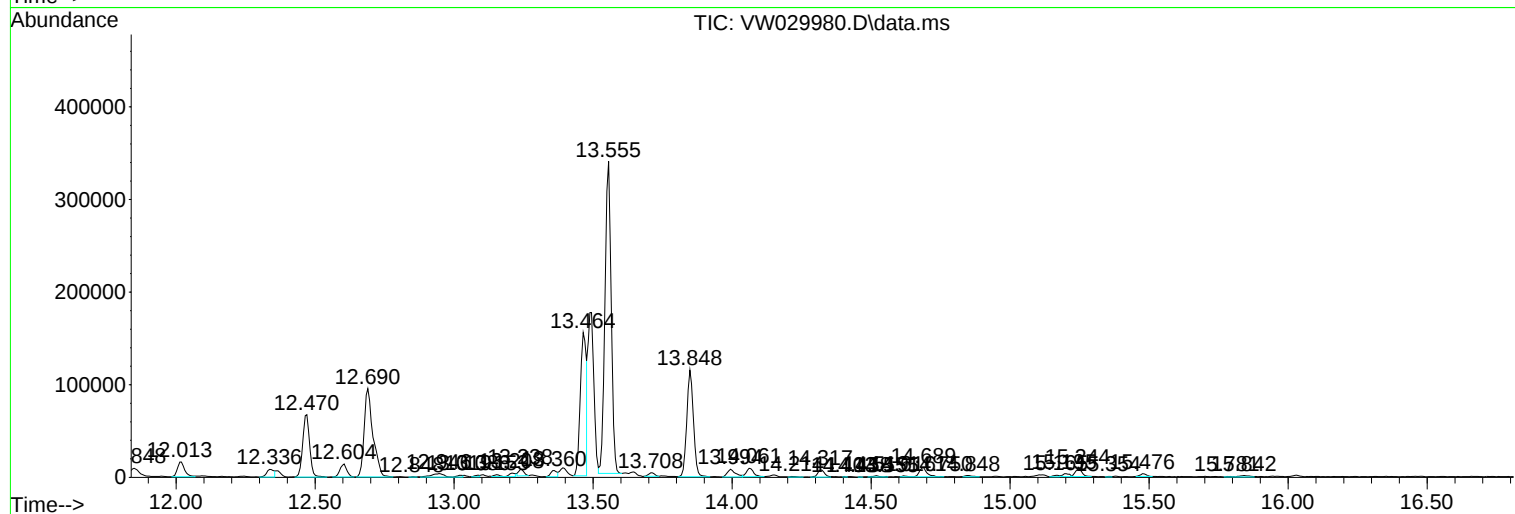
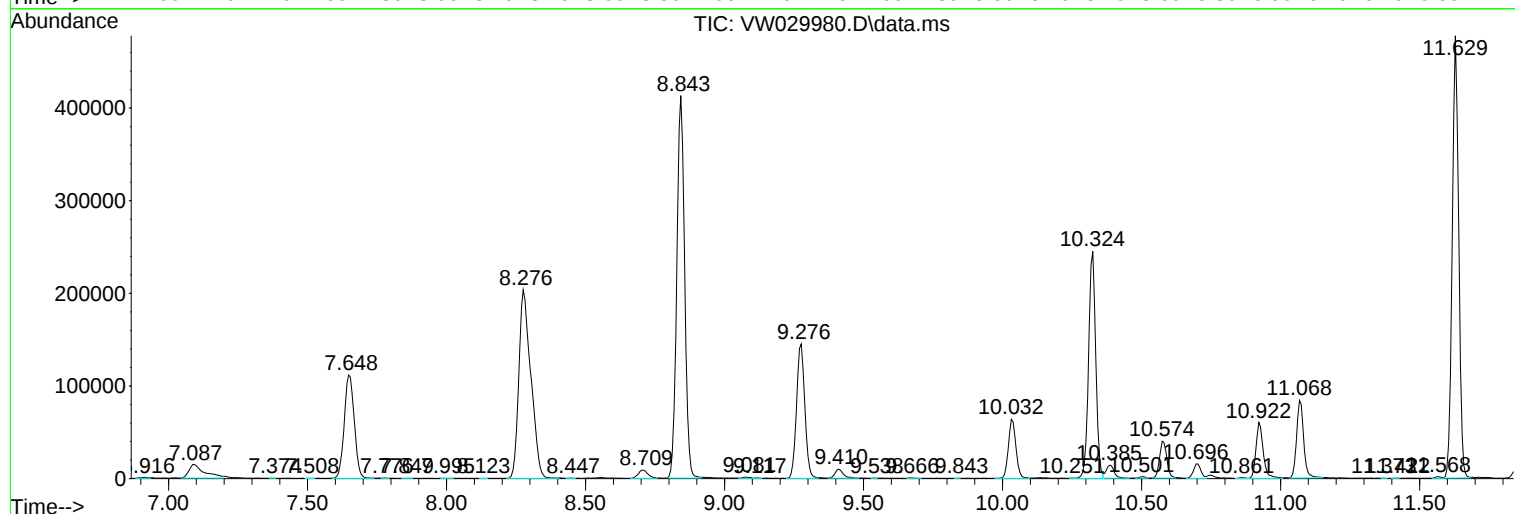
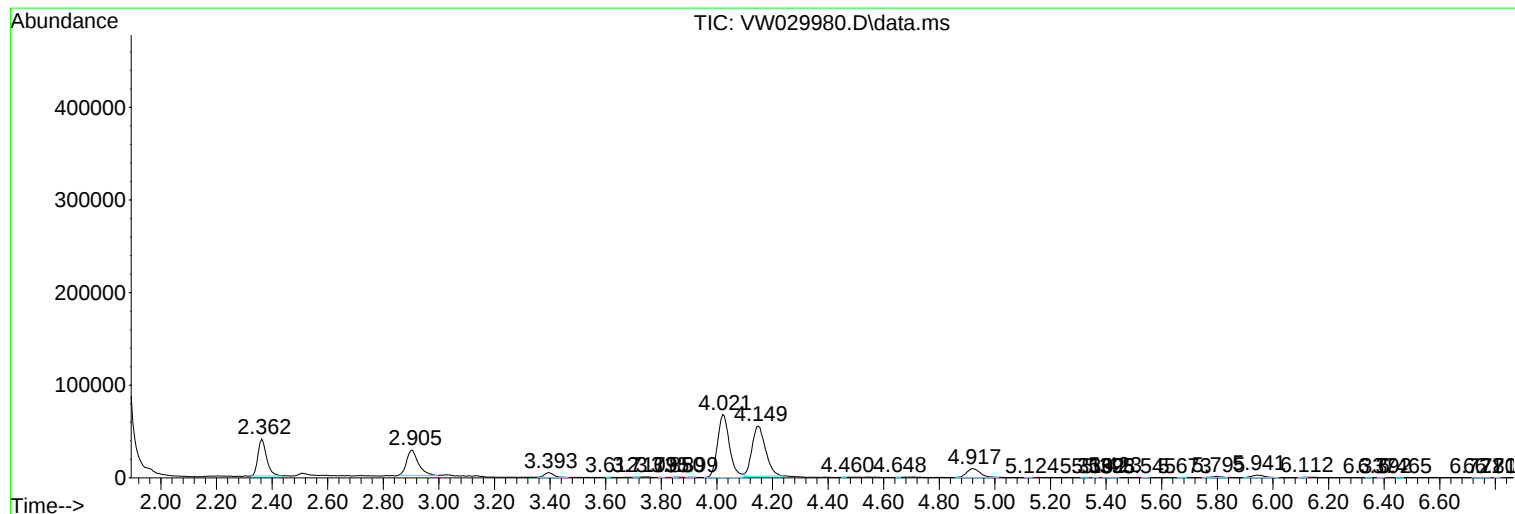
Sum of corrected areas: 5955371

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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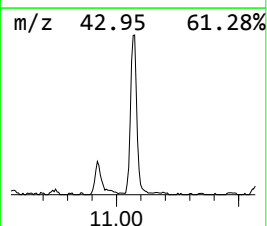
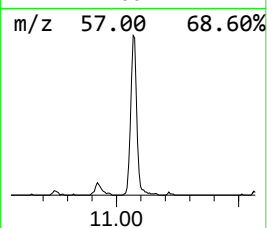
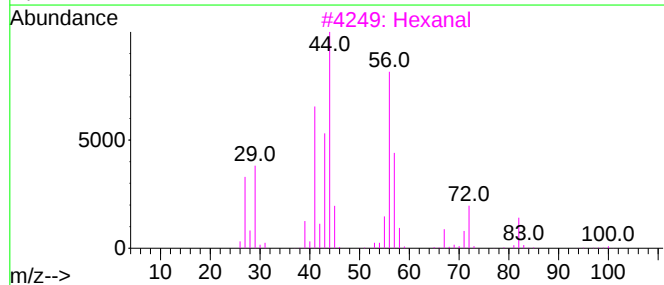
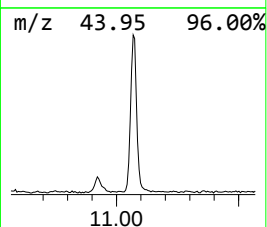
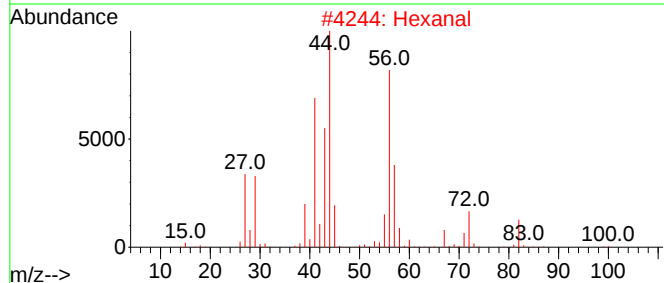
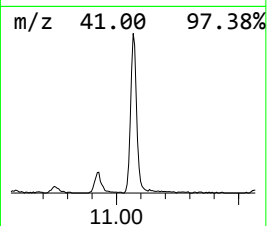
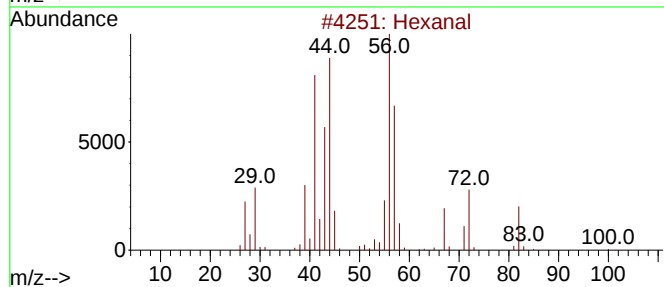
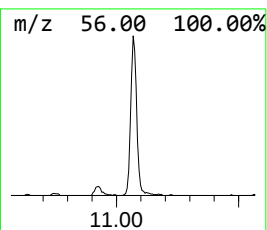
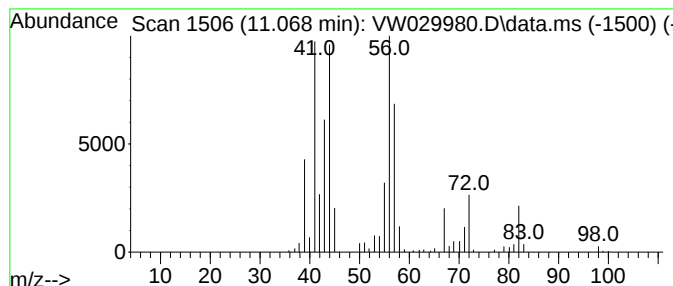
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.068	4.76 ug/L	146510	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	81
3	Hexanal			100	C6H12O	000066-25-1	68
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	59



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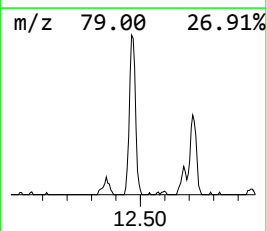
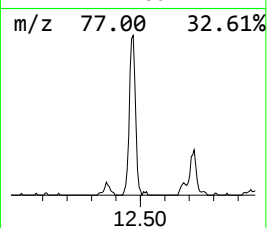
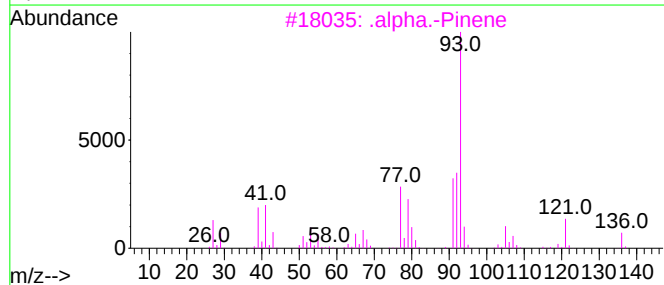
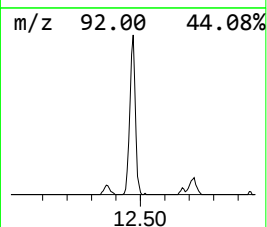
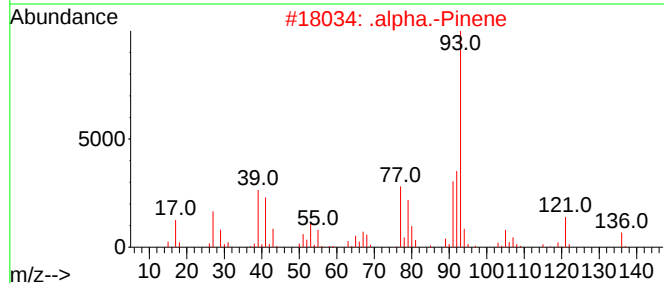
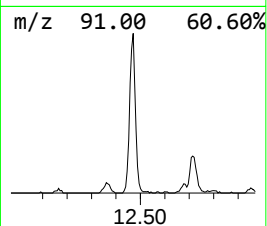
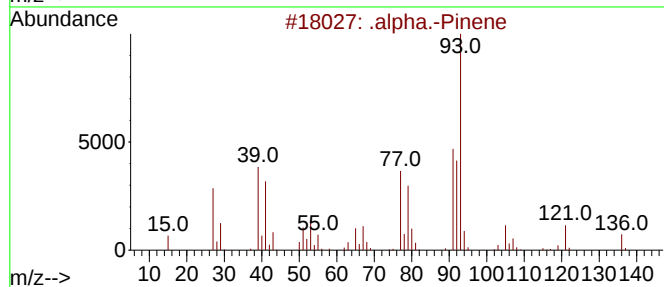
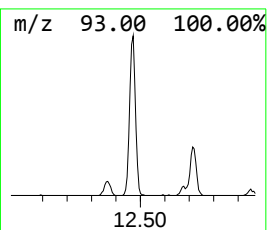
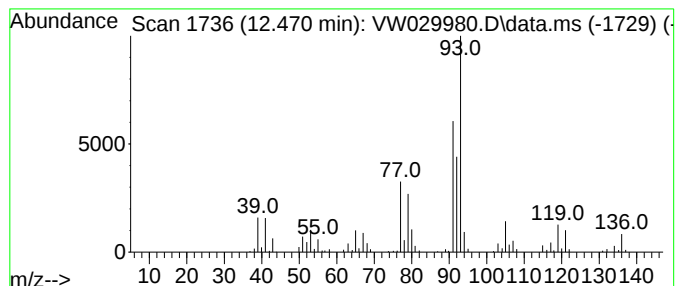
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	3.80 ug/L	116964	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Pinene	136	C10H16	000080-56-8	93	
2	.	alpha.-Pinene	136	C10H16	000080-56-8	90	
3	.	alpha.-Pinene	136	C10H16	000080-56-8	90	
4	(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	87		
5	(1R)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-70-8	87		



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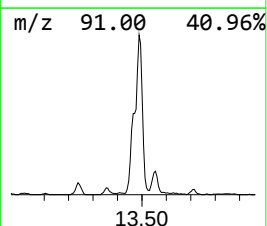
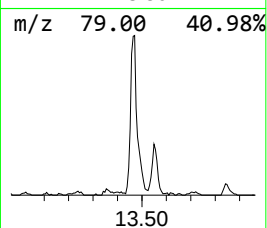
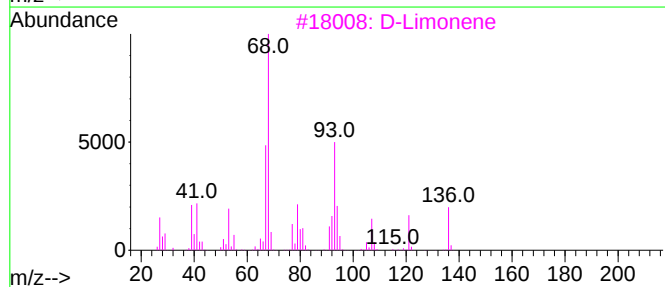
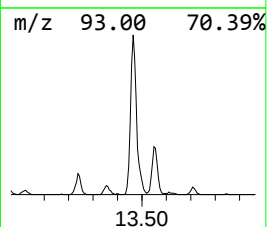
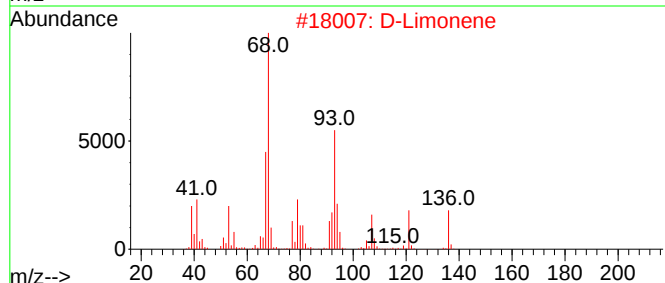
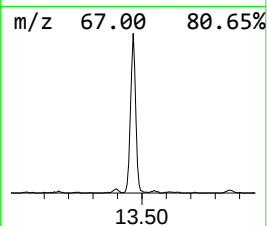
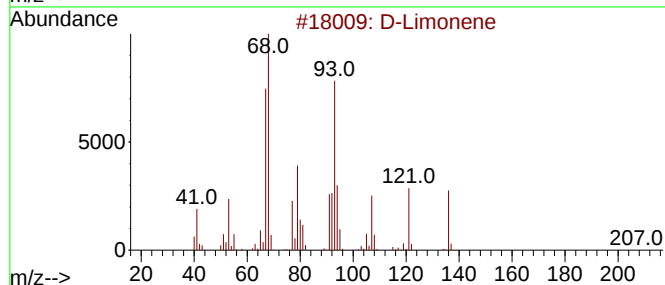
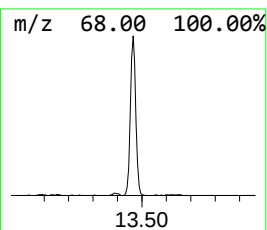
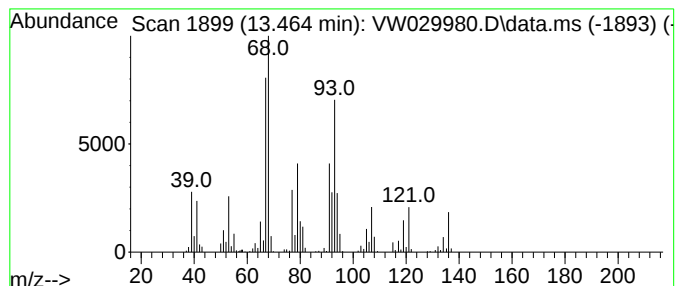
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	11.39 ug/L	239025	1,4-Dichlorobenzene-d4	13.555

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	94
3	D-Limonene			136	C10H16	005989-27-5	93
4	Limonene			136	C10H16	000138-86-3	87
5	D-Limonene			136	C10H16	005989-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
Data File : VW029980.D
Acq On : 22 Aug 2024 11:56
Operator : SY/MD
Sample : P3673-01
Misc : 4.43g/10mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCXY7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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
Hexanal	11.068	4.8	ug/L	146510	2	11.629	769045	25.0
.alpha.-Pinene	12.470	3.8	ug/L	116964	2	11.629	769045	25.0
D-Limonene	13.464	11.4	ug/L	239025	3	13.555	524634	25.0