

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031623.D
 Acq On : 28 Jan 2025 17:05
 Operator : SY/MD
 Sample : Q1190-17RE
 Misc : 3.10g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44T7RE

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: VW031623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	40	52	53	rBV4	7743	24034	0.84%	0.128%
2	2.363	71	78	96	rBV	116791	383973	13.42%	2.048%
3	2.893	158	165	183	rBV	106412	342551	11.97%	1.827%
4	3.667	289	292	294	rBV3	860	972	0.03%	0.005%
5	4.015	336	349	366	rBV	267048	973911	34.04%	5.195%
6	4.381	399	409	416	rVV	3753	11597	0.41%	0.062%
7	4.685	457	459	463	rBV4	729	1032	0.04%	0.006%
8	4.893	490	493	494	rBV3	1021	1080	0.04%	0.006%
9	4.917	494	497	503	rVB6	1758	3274	0.11%	0.017%
10	5.130	518	532	534	rBV5	2538	7298	0.26%	0.039%
11	5.411	574	578	579	rBV2	1083	1055	0.04%	0.006%
12	5.661	614	619	622	rBV	352	720	0.03%	0.004%
13	5.777	635	638	642	rVV3	690	1231	0.04%	0.007%
14	5.935	658	664	666	rBV4	1391	2752	0.10%	0.015%
15	6.728	789	794	797	rBV2	743	1009	0.04%	0.005%
16	6.898	818	822	823	rBV2	1212	1440	0.05%	0.008%
17	6.917	823	825	827	rVV3	1343	1432	0.05%	0.008%
18	7.087	843	853	875	rBV2	87684	310910	10.87%	1.659%
19	7.539	924	927	928	rBV2	936	925	0.03%	0.005%
20	7.557	928	930	934	rVV5	894	1152	0.04%	0.006%
21	7.642	934	944	958	rVV	486449	1203647	42.07%	6.421%
22	7.941	990	993	994	rBV	1132	1180	0.04%	0.006%
23	8.154	1025	1028	1031	rBV4	467	751	0.03%	0.004%
24	8.270	1034	1047	1065	rBV2	919783	2860958	100.00%	15.262%
25	8.502	1083	1085	1088	rBV4	790	1097	0.04%	0.006%
26	8.551	1088	1093	1095	rBV2	1990	3386	0.12%	0.018%
27	8.624	1103	1105	1107	rBV3	782	718	0.03%	0.004%
28	8.691	1111	1116	1126	rVB7	2204	5806	0.20%	0.031%
29	8.837	1131	1140	1157	rBV	879319	1768796	61.83%	9.436%
30	9.026	1167	1171	1172	rBV3	865	1087	0.04%	0.006%
31	9.069	1172	1178	1186	rBV7	2088	5456	0.19%	0.029%
32	9.270	1200	1211	1221	rBV	661041	1336707	46.72%	7.131%
33	9.416	1229	1235	1242	rVB4	5353	11968	0.42%	0.064%
34	9.666	1272	1276	1281	rVV4	1724	3785	0.13%	0.020%
35	10.032	1328	1336	1345	rBV	320663	576711	20.16%	3.076%
36	10.130	1351	1352	1357	rVB5	1209	1653	0.06%	0.009%

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

37	10.318	1375	1383	1390	rBV	1108234	1948632	68.11%	10.395%
38	10.379	1390	1393	1401	rVB	33581	62875	2.20%	0.335%
39	10.501	1407	1413	1418	rVB5	2194	3732	0.13%	0.020%
40	10.575	1418	1425	1437	rVV	185682	317791	11.11%	1.695%
41	10.696	1439	1445	1455	rVB	62638	115871	4.05%	0.618%
42	10.855	1463	1471	1476	rBV2	68897	120422	4.21%	0.642%
43	10.922	1476	1482	1500	rVV	281604	495602	17.32%	2.644%
44	11.068	1500	1506	1515	rVV	37778	65224	2.28%	0.348%
45	11.166	1520	1522	1527	rVV4	1315	1926	0.07%	0.010%
46	11.355	1551	1553	1557	rVB4	872	936	0.03%	0.005%
47	11.398	1557	1560	1562	rBV3	880	1122	0.04%	0.006%
48	11.629	1587	1598	1608	rBV	882883	1528102	53.41%	8.152%
49	11.727	1608	1614	1623	rVV6	5437	13108	0.46%	0.070%
50	11.830	1625	1631	1641	rVV	15129	29392	1.03%	0.157%
51	11.940	1647	1649	1653	rVB3	997	946	0.03%	0.005%
52	11.989	1653	1657	1659	rBV2	702	1010	0.04%	0.005%
53	12.111	1674	1677	1680	rBV4	604	1098	0.04%	0.006%
54	12.160	1680	1685	1694	rVB2	13464	24215	0.85%	0.129%
55	12.269	1700	1703	1707	rVB4	943	1426	0.05%	0.008%
56	12.361	1710	1718	1727	rVB8	4642	12906	0.45%	0.069%
57	12.464	1727	1735	1742	rBV	62213	104396	3.65%	0.557%
58	12.599	1749	1757	1764	rBV	439247	716011	25.03%	3.820%
59	12.690	1764	1772	1784	rVV2	423354	902246	31.54%	4.813%
60	12.800	1786	1790	1794	rVV3	3291	5268	0.18%	0.028%
61	12.861	1797	1800	1803	rVV5	1197	1734	0.06%	0.009%
62	12.952	1807	1815	1821	rVV5	9415	20948	0.73%	0.112%
63	13.019	1821	1826	1833	rVB3	11759	20565	0.72%	0.110%
64	13.098	1835	1839	1845	rBV4	3514	6192	0.22%	0.033%
65	13.239	1857	1862	1869	rBV4	8133	16086	0.56%	0.086%
66	13.355	1878	1881	1882	rBV3	821	710	0.02%	0.004%
67	13.397	1882	1888	1893	rBV7	3147	6839	0.24%	0.036%
68	13.464	1893	1899	1902	rBV2	53451	90965	3.18%	0.485%
69	13.550	1907	1913	1920	rVV	438142	738505	25.81%	3.940%
70	13.611	1920	1923	1935	rVB4	23682	47882	1.67%	0.255%
71	13.745	1942	1945	1949	rVB4	1757	2397	0.08%	0.013%
72	13.848	1953	1962	1973	rVV	358615	594278	20.77%	3.170%
73	13.940	1974	1977	1981	rVV2	2490	3801	0.13%	0.020%
74	14.001	1981	1987	1989	rVV7	2392	5428	0.19%	0.029%
75	14.062	1990	1997	2006	rVV2	154926	259822	9.08%	1.386%
76	14.190	2012	2018	2022	rBV6	2504	4893	0.17%	0.026%

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 Title : SFAM01.0

77	14.318	2034	2039	2046	rBV5	6546	12759	0.45%	0.068%
78	14.428	2052	2057	2063	rBV3	5576	9321	0.33%	0.050%
79	14.519	2066	2072	2079	rVB5	5365	10318	0.36%	0.055%
80	14.629	2088	2090	2094	rBV4	1011	1103	0.04%	0.006%
81	14.696	2094	2101	2103	rBV5	3406	6740	0.24%	0.036%
82	14.787	2110	2116	2119	rBV6	1320	2699	0.09%	0.014%
83	14.812	2119	2120	2125	rVB4	1818	1658	0.06%	0.009%
84	14.866	2128	2129	2131	rBV2	881	798	0.03%	0.004%
85	15.062	2149	2161	2167	rBV2	57658	117891	4.12%	0.629%
86	15.360	2204	2210	2212	rBV4	1972	3159	0.11%	0.017%
87	15.391	2213	2215	2219	rVV4	2546	2852	0.10%	0.015%
88	15.476	2223	2229	2237	rBV	36426	62182	2.17%	0.332%
89	15.744	2271	2273	2274	rBV2	898	761	0.03%	0.004%
90	15.787	2276	2280	2284	rVB5	2738	4641	0.16%	0.025%
91	15.872	2292	2294	2298	rVB4	1106	974	0.03%	0.005%
92	15.933	2302	2304	2305	rBV2	1196	853	0.03%	0.005%
93	16.031	2313	2320	2324	rBV	53891	113752	3.98%	0.607%
94	16.080	2324	2328	2338	rVB	120434	230223	8.05%	1.228%
95	16.287	2360	2362	2367	rVB5	1123	1652	0.06%	0.009%
96	16.409	2380	2382	2388	rVB6	1805	2669	0.09%	0.014%
97	16.470	2390	2392	2395	rBV3	1249	1131	0.04%	0.006%
98	16.549	2403	2405	2409	rBV5	998	1100	0.04%	0.006%
99	16.665	2422	2424	2427	rVB4	1147	1091	0.04%	0.006%
100	16.756	2434	2439	2444	rBV9	1789	4387	0.15%	0.023%

Sum of corrected areas: 18746070

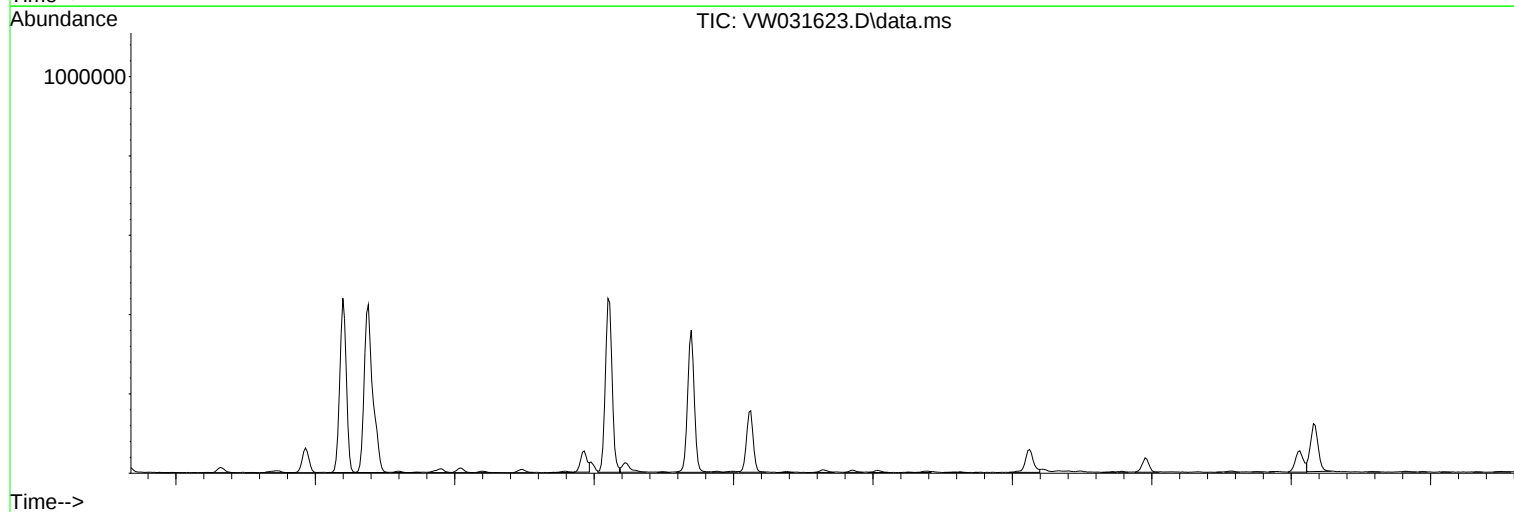
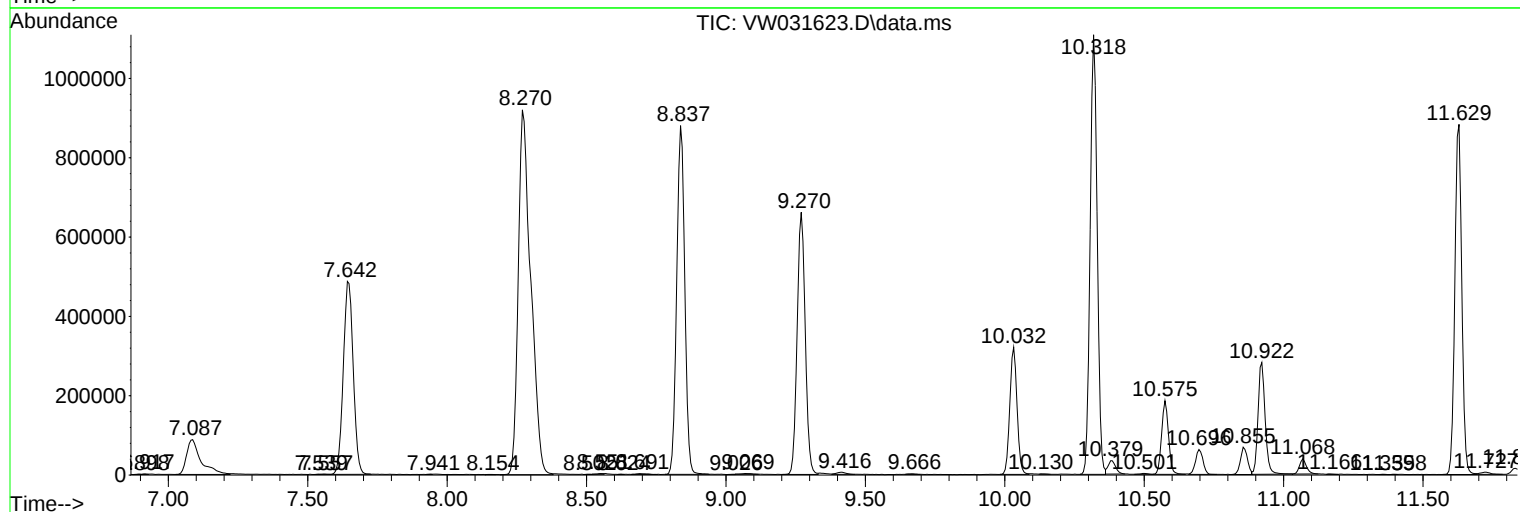
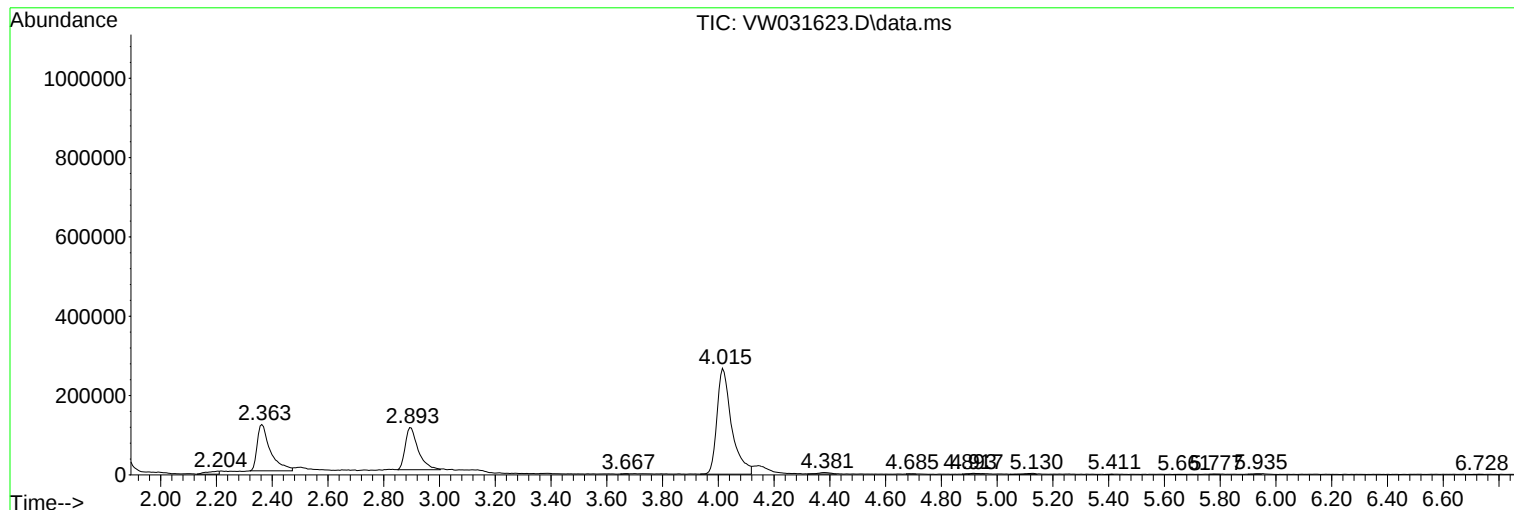
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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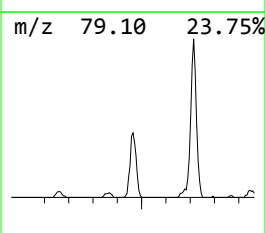
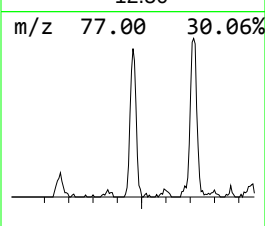
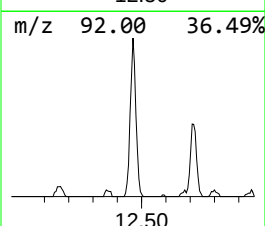
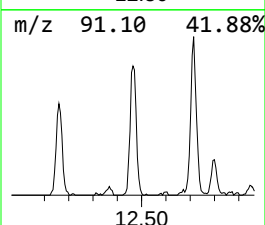
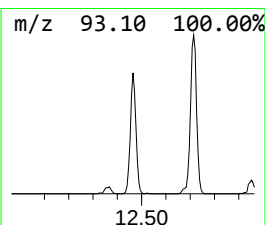
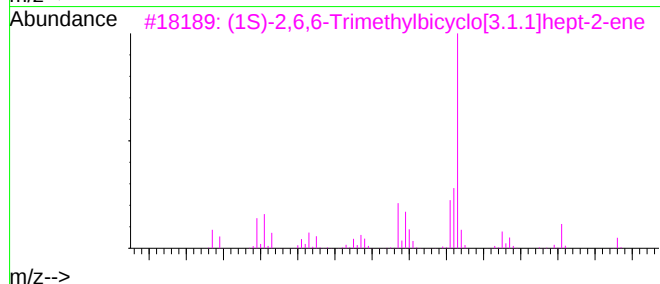
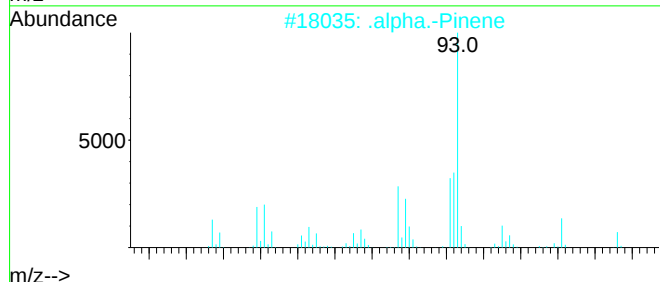
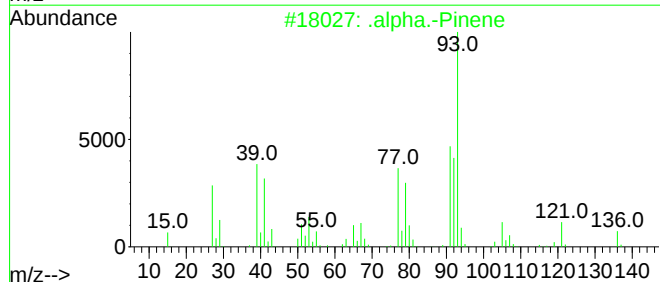
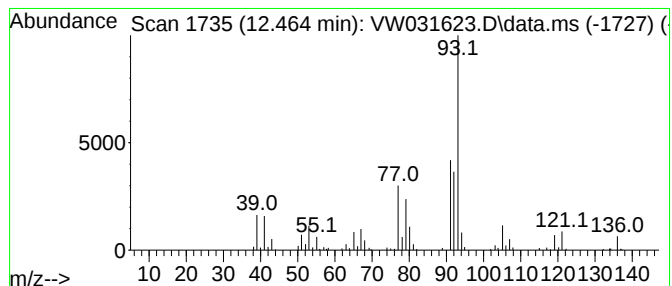
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.464	1.71 ug/L	104396	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	007785-26-4	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91



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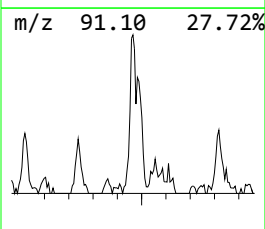
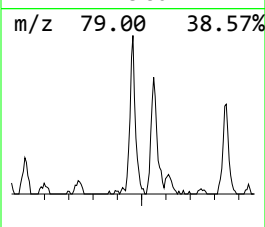
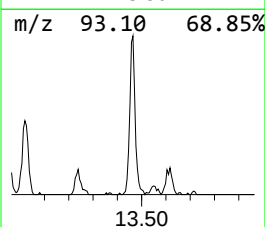
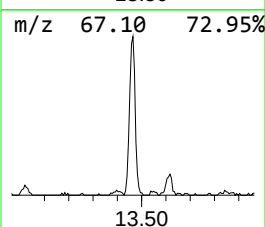
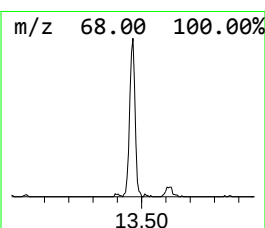
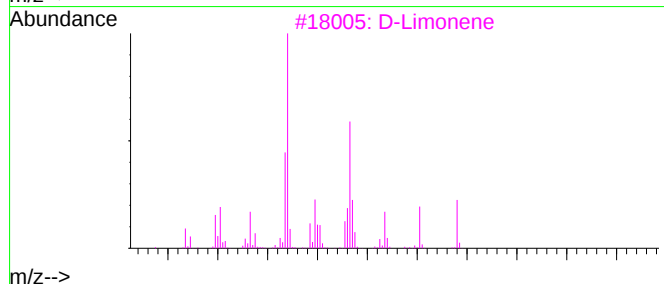
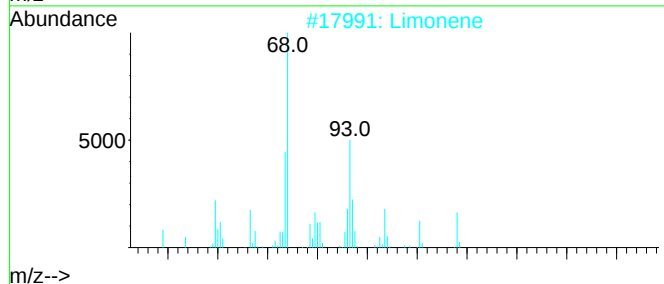
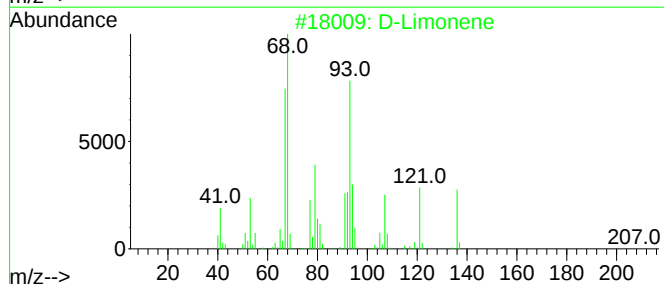
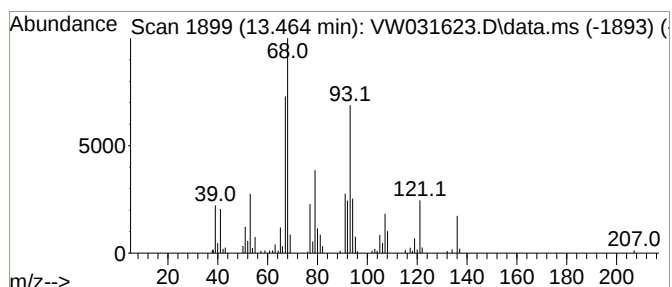
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 D-Limonene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	3.08 ug/L	90965	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	Limonene	136	C10H16	000138-86-3	90
3	D-Limonene	136	C10H16	005989-27-5	90
4	D-Limonene	136	C10H16	005989-27-5	90
5	Limonene	136	C10H16	000138-86-3	87



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Quant Title : SFAM01.0

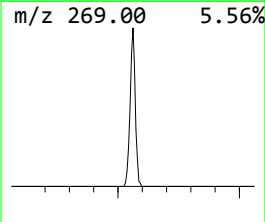
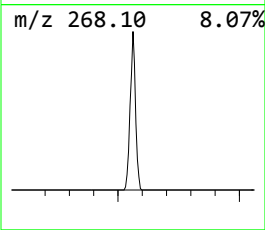
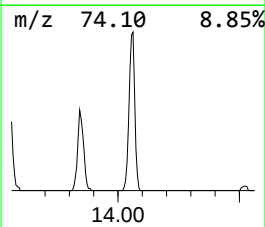
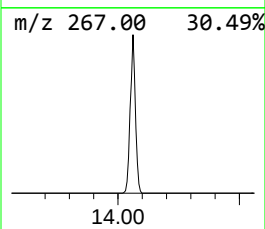
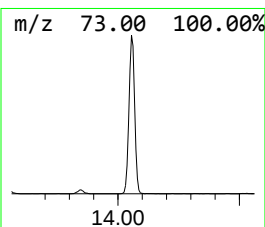
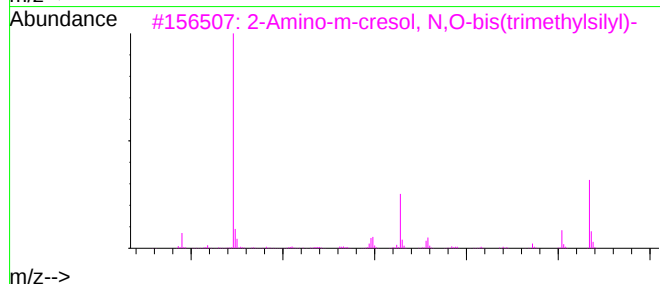
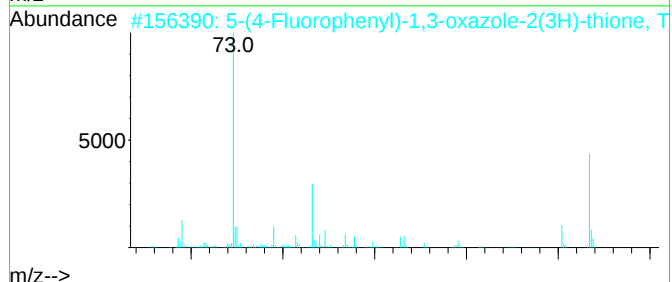
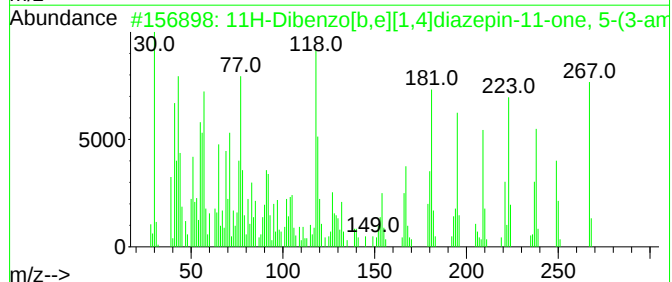
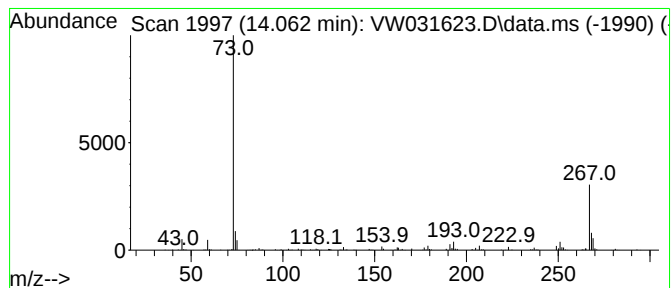
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	8.80 ug/L	259822	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	93
2			5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSi	1000497-07-6	53
3			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	42
4			4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	42
5			2-Pyrazinecarbohydrazide, 2 TMS ...	282	C11H22N4OSi2	1000477-45-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
Data File : VW031623.D
Acq On : 28 Jan 2025 17:05
Operator : SY/MD
Sample : Q1190-17RE
Misc : 3.10g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44T7RE

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

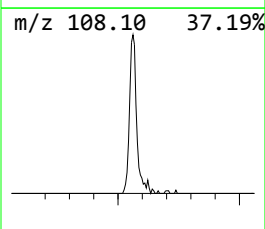
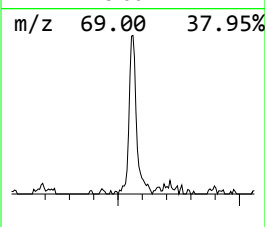
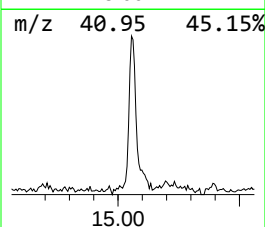
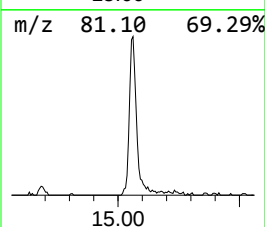
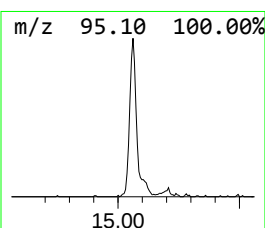
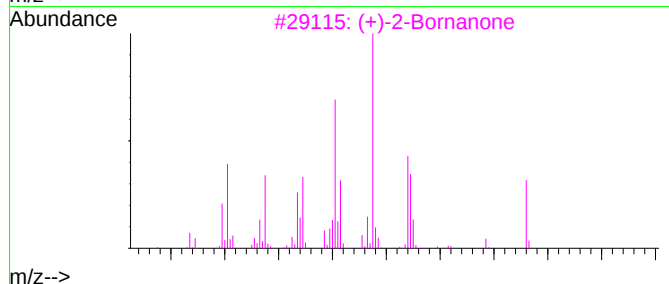
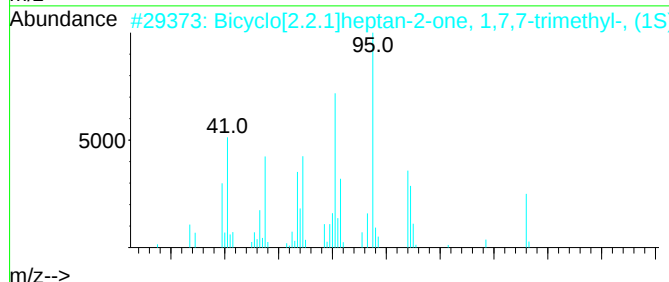
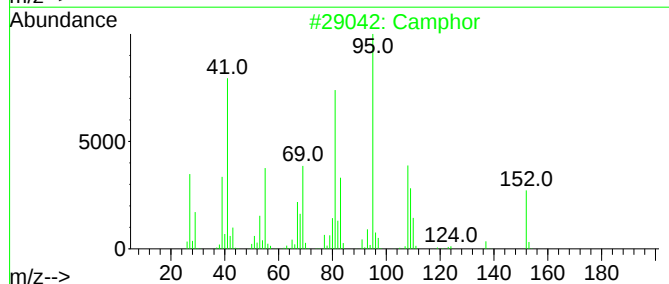
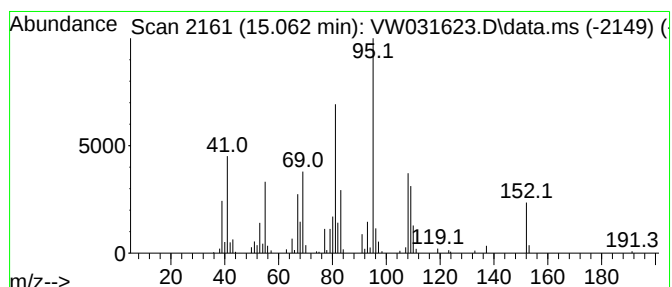
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Camphor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	3.99 ug/L	117891	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
4	Camphor	152	C10H16O	000076-22-2	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
Data File : VW031623.D
Acq On : 28 Jan 2025 17:05
Operator : SY/MD
Sample : Q1190-17RE
Misc : 3.10g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44T7RE

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

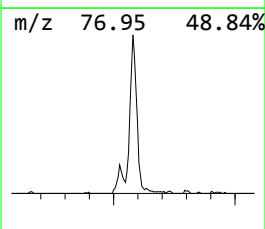
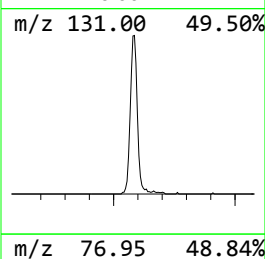
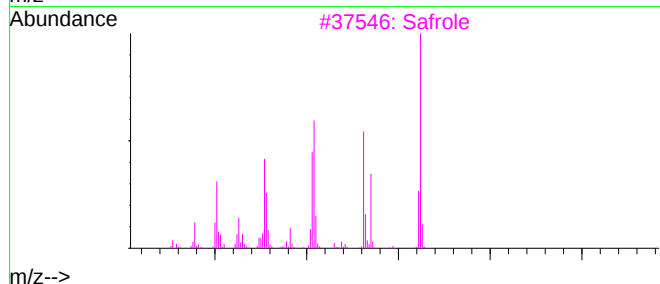
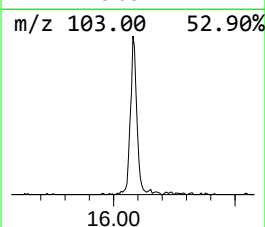
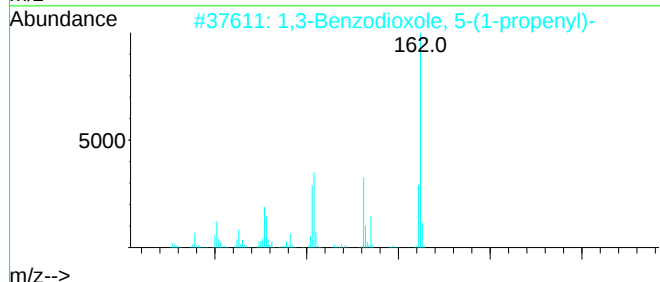
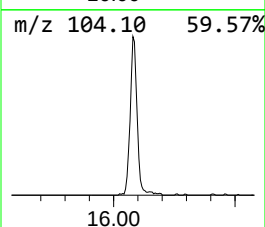
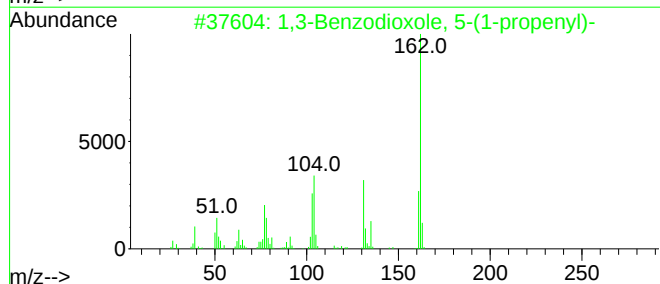
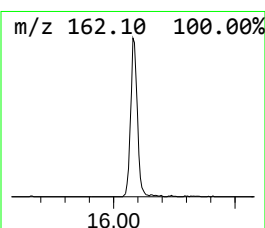
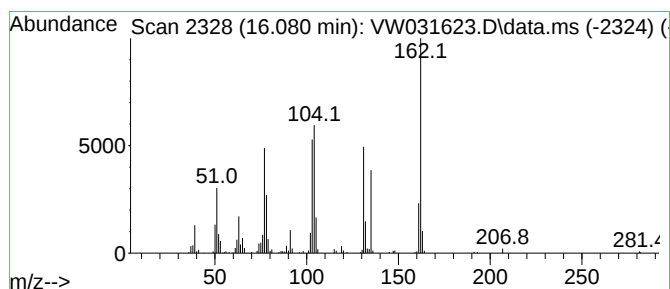
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 1,3-Benzodioxole, 5-(1-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	7.79 ug/L	230223	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
2	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	95
3	Safrole	162	C10H10O2	000094-59-7	95
4	Safrole	162	C10H10O2	000094-59-7	95
5	Safrole	162	C10H10O2	000094-59-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
Data File : VW031623.D
Acq On : 28 Jan 2025 17:05
Operator : SY/MD
Sample : Q1190-17RE
Misc : 3.10g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44T7RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.464	1.7	ug/L	104396	2	11.629	1528100	25.0
D-Limonene	13.464	3.1	ug/L	90965	3	13.550	738505	25.0
11H-Dibenzo[b,e...	14.062	8.8	ug/L	259822	3	13.550	738505	25.0
Camphor	15.062	4.0	ug/L	117891	3	13.550	738505	25.0
1,3-Benzodioxol...	16.080	7.8	ug/L	230223	3	13.550	738505	25.0