

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079098.D
 Acq On : 30 May 2024 16:06
 Operator : RP/MD
 Sample : P2633-06
 Misc : 5.64G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BHBZ2

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_D\Method\SFAMDLM052924SMA.M
 Title : SFAM01.0

Signal : TIC: VD079098.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	12	18	19	rBV	2099	3592	0.35%	0.037%
2	1.740	19	26	41	rVB	593280	945558	93.13%	9.668%
3	2.076	80	83	86	rBV3	1043	1334	0.13%	0.014%
4	2.152	92	96	97	rBV	2312	2297	0.23%	0.023%
5	2.276	111	117	124	rBV	152338	222765	21.94%	2.278%
6	2.799	200	206	215	rVB	148071	269143	26.51%	2.752%
7	3.158	265	267	270	rVV2	931	798	0.08%	0.008%
8	3.246	280	282	285	rVV2	789	658	0.06%	0.007%
9	3.381	304	305	308	rBV	651	636	0.06%	0.007%
10	3.411	308	310	312	rVB	707	500	0.05%	0.005%
11	3.540	330	332	334	rVB	660	468	0.05%	0.005%
12	3.564	334	336	339	rBV	630	516	0.05%	0.005%
13	3.599	339	342	344	rBV2	533	487	0.05%	0.005%
14	3.623	344	346	348	rBV	480	421	0.04%	0.004%
15	3.811	376	378	381	rBV2	738	1091	0.11%	0.011%
16	3.917	385	396	409	rBV2	91760	248533	24.48%	2.541%
17	4.123	429	431	433	rVV2	443	423	0.04%	0.004%
18	4.158	436	437	440	rBV2	886	613	0.06%	0.006%
19	4.305	461	462	464	rBV	445	422	0.04%	0.004%
20	4.381	473	475	478	rVB	531	444	0.04%	0.005%
21	4.405	478	479	482	rVB	620	465	0.05%	0.005%
22	4.570	505	507	508	rVB	869	476	0.05%	0.005%
23	4.646	519	520	524	rVB2	811	783	0.08%	0.008%
24	4.805	536	547	558	rVV3	13647	39675	3.91%	0.406%
25	5.299	629	631	634	rBV2	629	644	0.06%	0.007%
26	5.452	654	657	660	rBV	580	941	0.09%	0.010%
27	5.611	683	684	688	rVB	563	459	0.05%	0.005%
28	5.652	689	691	694	rVV	423	413	0.04%	0.004%
29	5.705	698	700	702	rBV	649	654	0.06%	0.007%
30	6.064	756	761	764	rVB2	748	1223	0.12%	0.013%
31	6.322	803	805	807	rBV2	623	665	0.07%	0.007%
32	6.411	819	820	824	rVB	494	507	0.05%	0.005%
33	6.458	824	828	829	rBV2	446	591	0.06%	0.006%
34	6.658	860	862	863	rBV	473	428	0.04%	0.004%
35	6.734	873	875	879	rBV2	541	712	0.07%	0.007%
36	6.893	900	902	907	rVB2	537	755	0.07%	0.008%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Title : SFAM01.0

37	6.987	909	918	927	rBV	16549	47531	4.68%	0.486%
38	7.064	929	931	934	rVB3	1266	940	0.09%	0.010%
39	7.158	945	947	950	rVB3	621	712	0.07%	0.007%
40	7.316	971	974	976	rBV	644	614	0.06%	0.006%
41	7.334	976	977	980	rVV2	465	475	0.05%	0.005%
42	7.569	1005	1017	1026	rBV	133815	344506	33.93%	3.522%
43	7.687	1035	1037	1038	rVB	958	486	0.05%	0.005%
44	7.828	1059	1061	1063	rBV2	776	631	0.06%	0.006%
45	7.887	1069	1071	1073	rVB	533	447	0.04%	0.005%
46	8.199	1114	1124	1141	rBV2	261130	755482	74.41%	7.724%
47	8.411	1159	1160	1163	rBV	538	466	0.05%	0.005%
48	8.499	1173	1175	1178	rVB2	591	551	0.05%	0.006%
49	8.569	1185	1187	1188	rBV	670	570	0.06%	0.006%
50	8.775	1214	1222	1235	rVV	333134	662231	65.23%	6.771%
51	8.881	1238	1240	1241	rVB2	1027	598	0.06%	0.006%
52	8.999	1258	1260	1263	rVB2	724	627	0.06%	0.006%
53	9.205	1286	1295	1306	rBV	163698	346014	34.08%	3.538%
54	9.363	1320	1322	1325	rVB	767	562	0.06%	0.006%
55	9.469	1337	1340	1342	rBV	533	596	0.06%	0.006%
56	9.563	1355	1356	1359	rBV	491	475	0.05%	0.005%
57	9.681	1373	1376	1379	rBV2	464	617	0.06%	0.006%
58	9.975	1419	1426	1435	rBV	85219	155577	15.32%	1.591%
59	10.075	1439	1443	1444	rBV2	752	872	0.09%	0.009%
60	10.269	1467	1476	1485	rBV	350596	628519	61.90%	6.426%
61	10.446	1504	1506	1508	rBV2	688	686	0.07%	0.007%
62	10.522	1512	1519	1528	rVV2	53204	95256	9.38%	0.974%
63	10.663	1538	1543	1549	rVB2	3054	5537	0.55%	0.057%
64	10.875	1572	1579	1590	rBV	60732	104544	10.30%	1.069%
65	11.028	1600	1605	1607	rBV3	2172	2801	0.28%	0.029%
66	11.357	1659	1661	1663	rBV2	530	489	0.05%	0.005%
67	11.452	1674	1677	1678	rBV	689	507	0.05%	0.005%
68	11.581	1691	1699	1712	rVB	481058	815346	80.31%	8.336%
69	11.675	1713	1715	1717	rVV2	1089	759	0.07%	0.008%
70	12.093	1784	1786	1787	rBV2	578	441	0.04%	0.005%
71	12.281	1817	1818	1819	rBV	784	535	0.05%	0.005%
72	12.322	1820	1825	1831	rVB2	18440	30725	3.03%	0.314%
73	12.428	1835	1843	1851	rBV	476995	759582	74.81%	7.766%
74	12.575	1865	1868	1871	rVB3	2855	3033	0.30%	0.031%
75	12.675	1873	1885	1896	rVV2	313996	785206	77.34%	8.028%
76	12.746	1896	1897	1900	rVB	1166	600	0.06%	0.006%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Title : SFAM01.0

77	12.981	1930	1937	1949	rVB	618656	1015299	100.00%	10.381%
78	13.093	1954	1956	1957	rBV	585	504	0.05%	0.005%
79	13.128	1960	1962	1964	rBV	537	466	0.05%	0.005%
80	13.193	1971	1973	1974	rBV	1063	654	0.06%	0.007%
81	13.234	1974	1980	1990	rVV2	46738	76697	7.55%	0.784%
82	13.322	1993	1995	2000	rVB2	956	974	0.10%	0.010%
83	13.428	2008	2013	2021	rBV3	36080	69043	6.80%	0.706%
84	13.516	2022	2028	2039	rVB	508564	800692	78.86%	8.186%
85	13.722	2062	2063	2066	rBV2	634	498	0.05%	0.005%
86	13.810	2071	2078	2086	rBV	299262	497434	48.99%	5.086%
87	13.998	2109	2110	2112	rBV	510	445	0.04%	0.005%
88	14.257	2152	2154	2156	rBV2	900	799	0.08%	0.008%
89	14.363	2171	2172	2173	rVB	1431	505	0.05%	0.005%
90	14.398	2173	2178	2181	rBV3	2071	3760	0.37%	0.038%
91	14.604	2211	2213	2214	rBV2	995	582	0.06%	0.006%
92	14.851	2253	2255	2257	rBV	840	838	0.08%	0.009%
93	15.075	2291	2293	2294	rVB	978	447	0.04%	0.005%
94	15.093	2294	2296	2298	rBB2	1121	503	0.05%	0.005%
95	15.263	2323	2325	2326	rBV	745	537	0.05%	0.005%
96	15.322	2333	2335	2340	rBV3	1033	1607	0.16%	0.016%
97	15.569	2375	2377	2379	rVB	1205	753	0.07%	0.008%
98	16.163	2476	2478	2479	rBV2	732	549	0.05%	0.006%
99	16.210	2484	2486	2487	rBV	657	426	0.04%	0.004%
100	16.528	2538	2540	2541	rBV	686	495	0.05%	0.005%

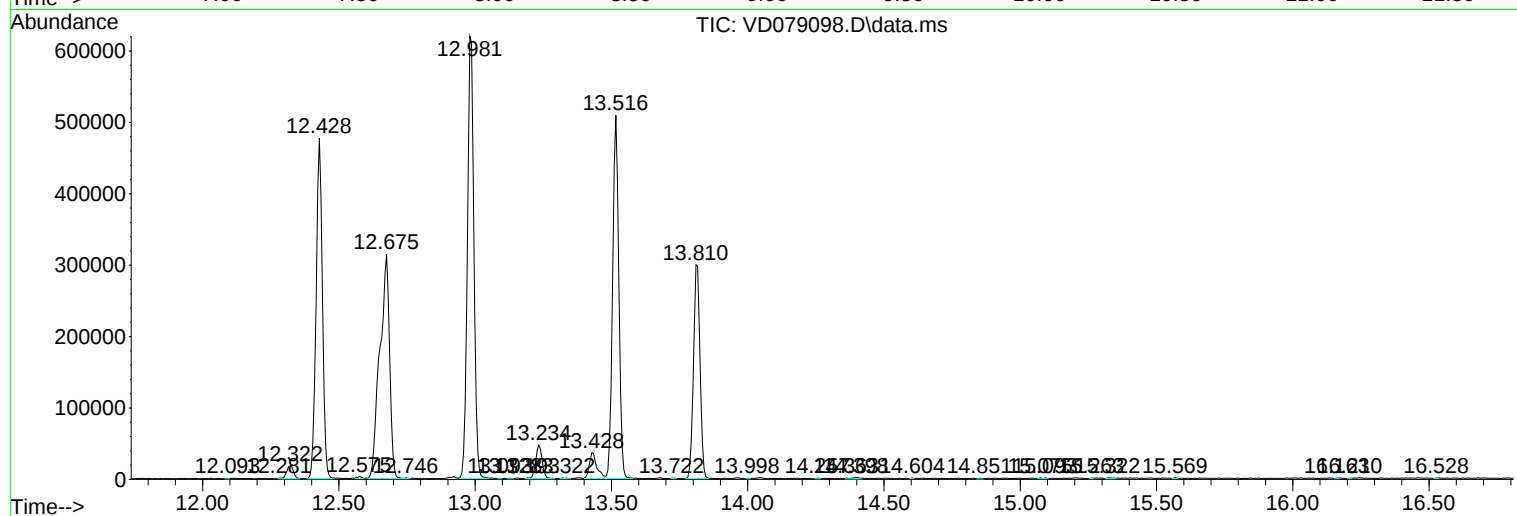
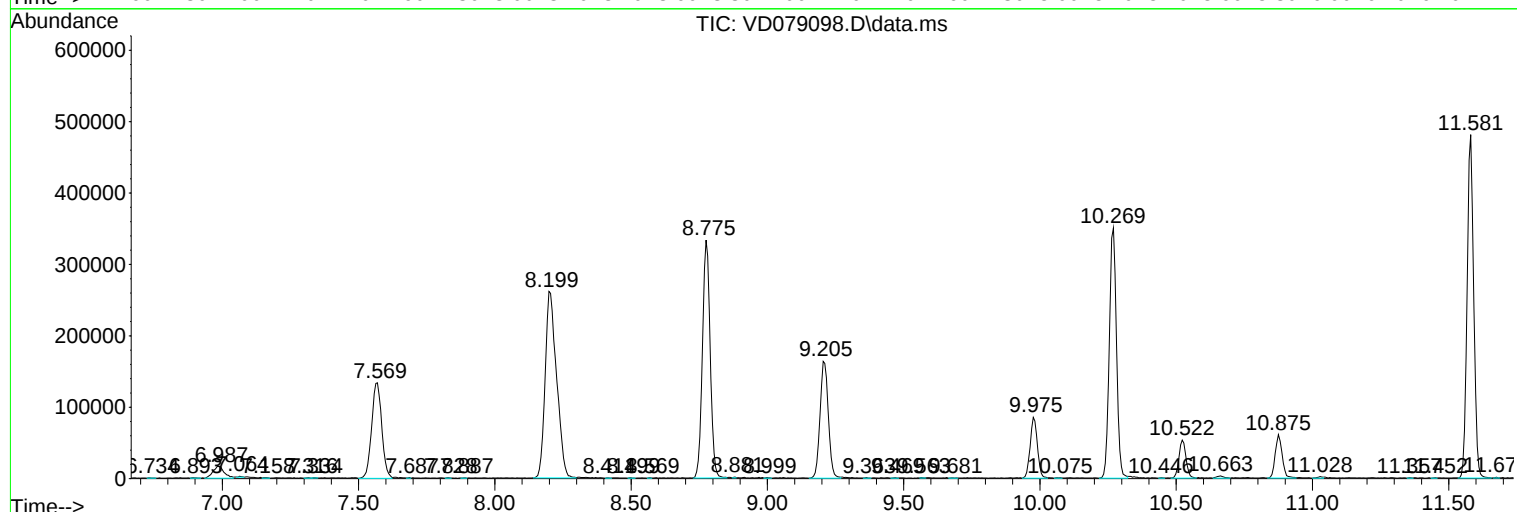
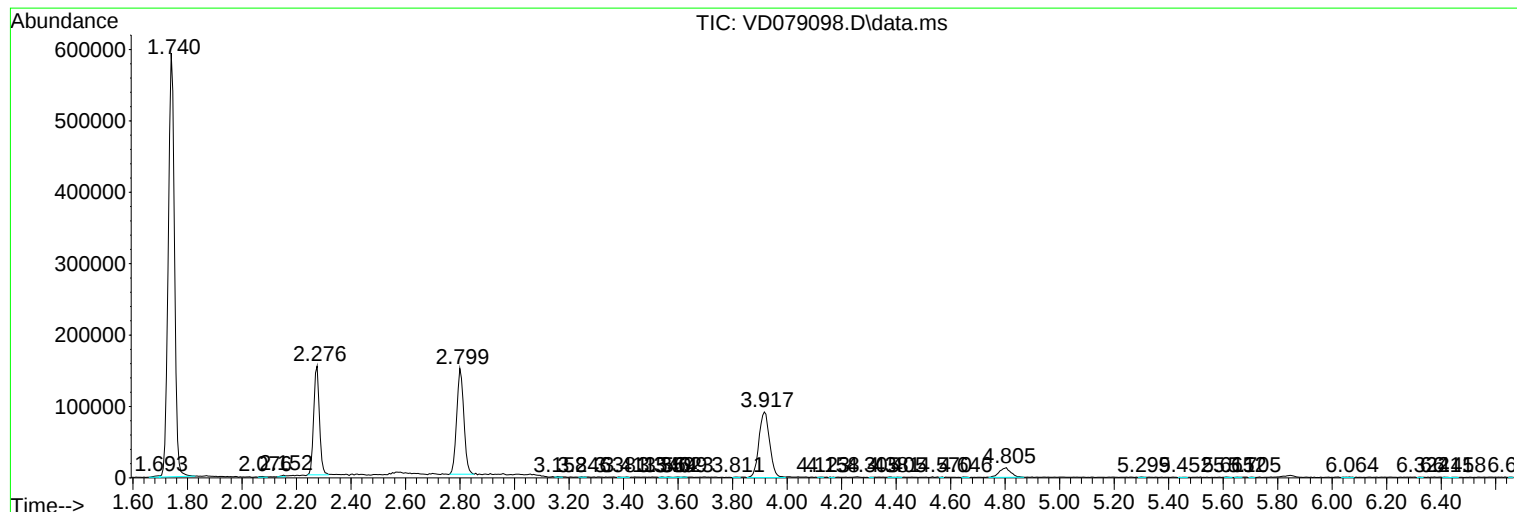
Sum of corrected areas: 9780743

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BHBZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
Data File : VD079098.D
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Sample : P2633-06
Misc : 5.64G/10ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
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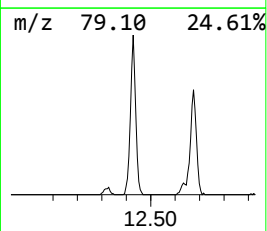
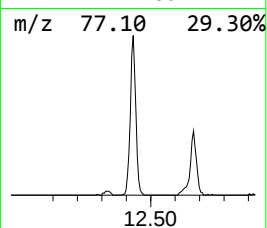
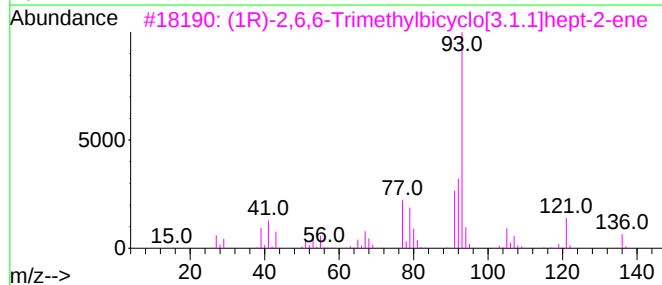
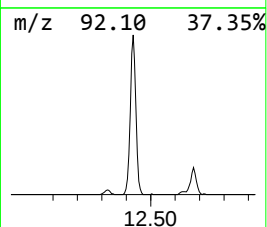
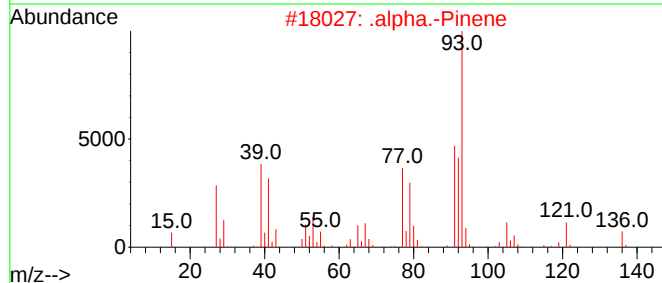
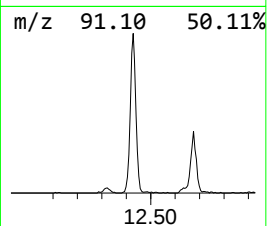
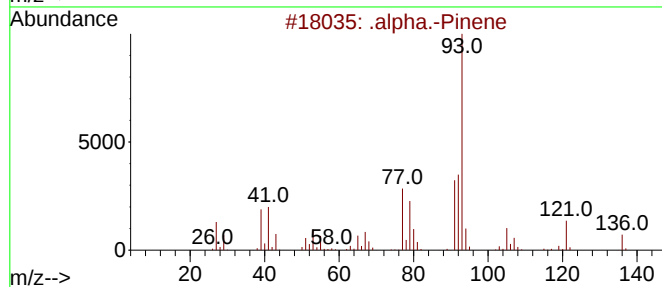
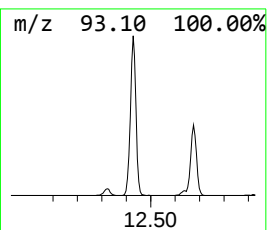
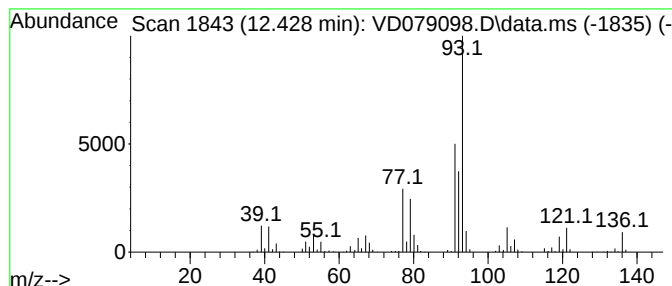
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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.
12.428	23.29 ug/L	759582	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.-Pinene	136	C10H16	000080-56-8	97	
2	.	.alpha.-Pinene	136	C10H16	000080-56-8	94	
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91		
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91		
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90		



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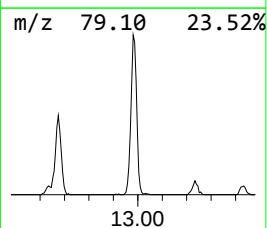
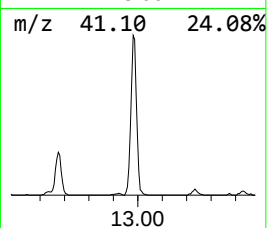
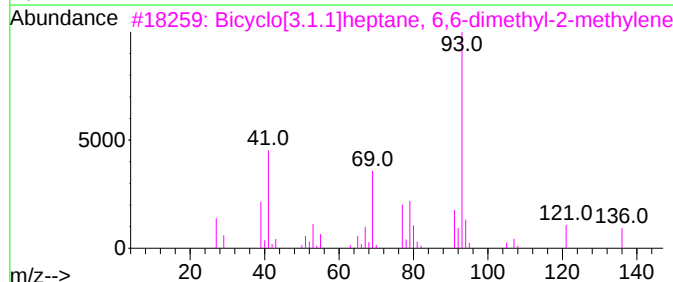
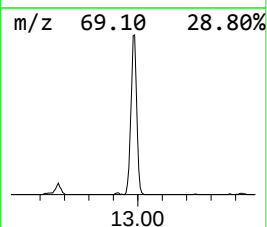
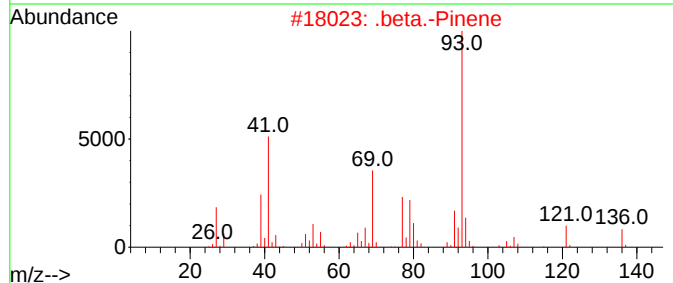
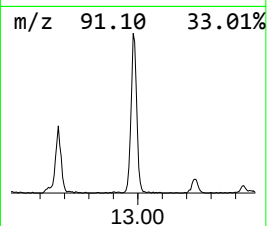
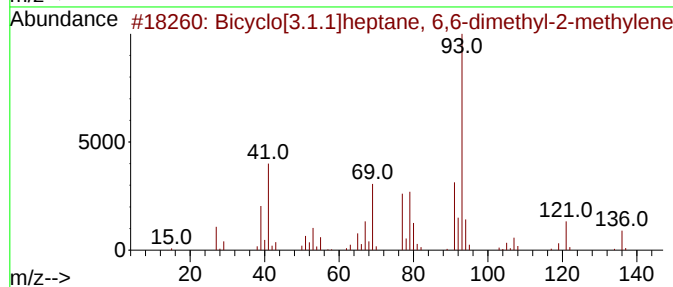
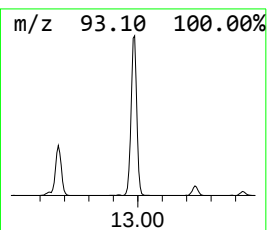
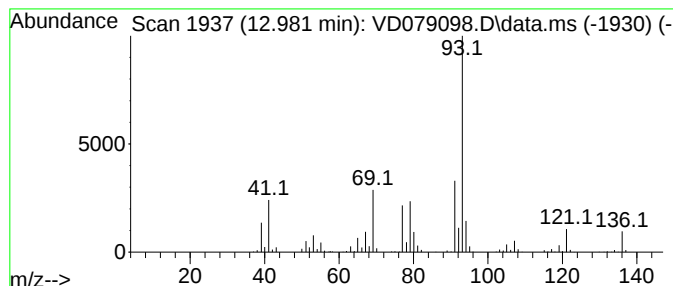
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.981	31.70 ug/L	1015300	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	95
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
4			.alpha.-Pinene	136	C10H16	000080-56-8	93
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



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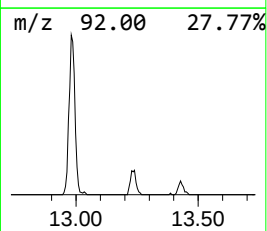
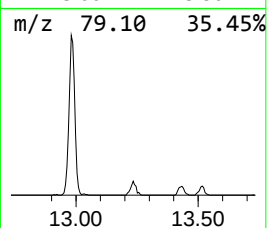
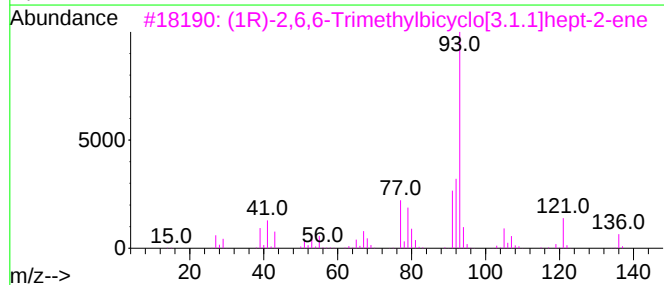
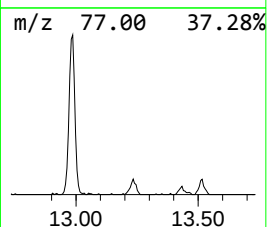
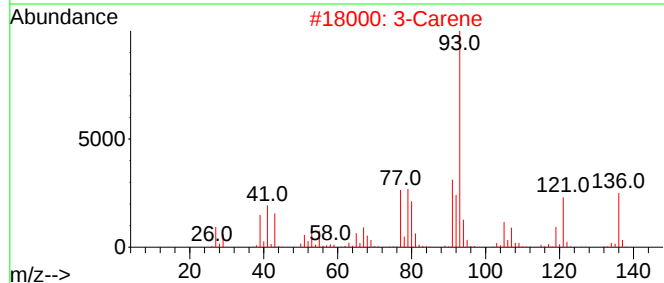
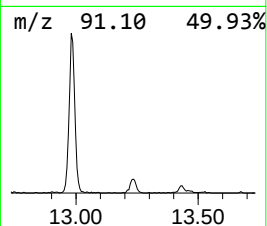
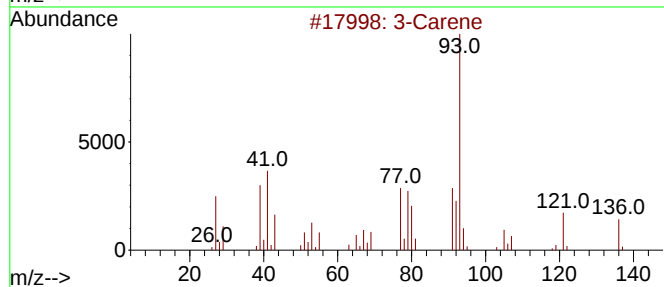
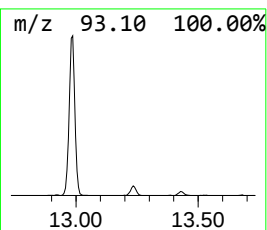
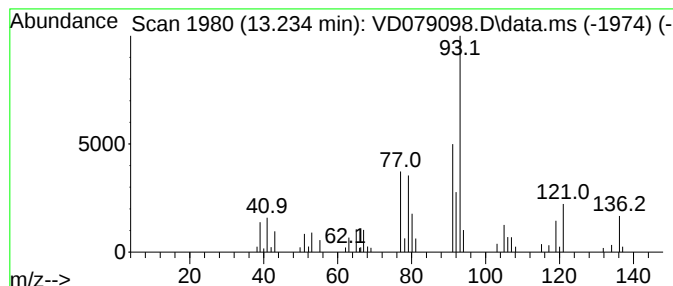
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.234	2.39 ug/L	76697	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	94
2			3-Carene	136	C10H16	013466-78-9	91
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5			.gamma.-Terpinene	136	C10H16	000099-85-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
Data File : VD079098.D
Acq On : 30 May 2024 16:06
Operator : RP/MD
Sample : P2633-06
Misc : 5.64G/10ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BHBZ2

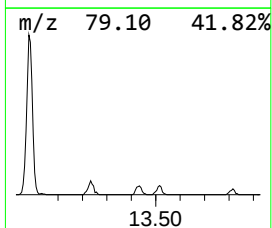
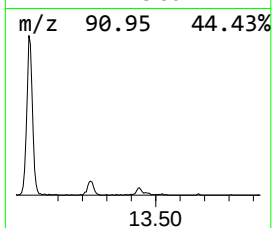
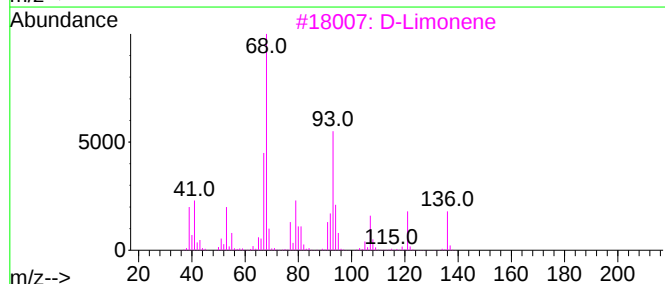
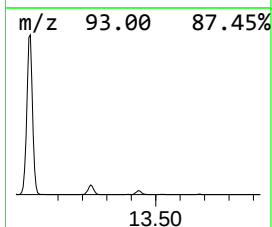
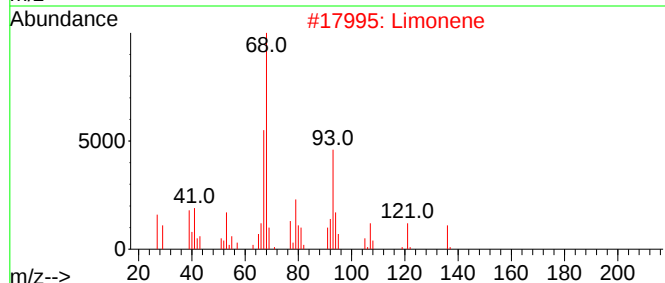
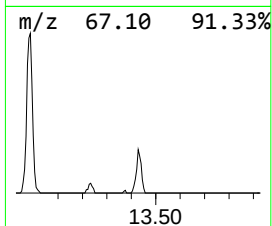
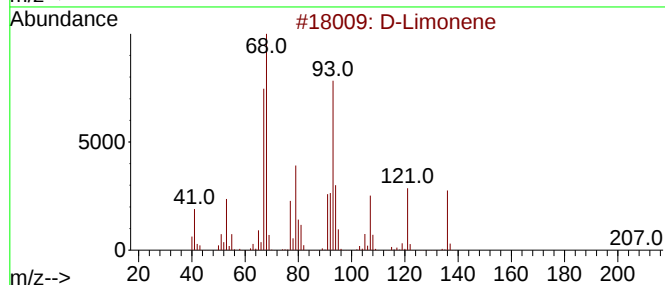
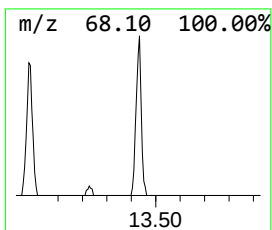
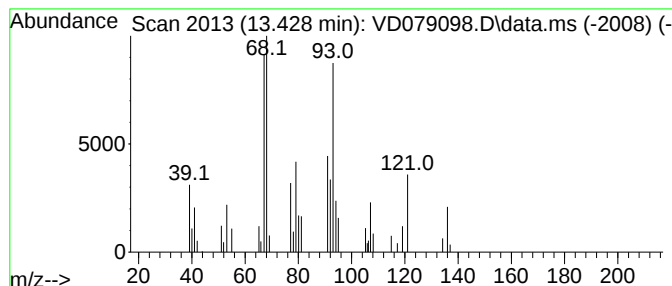
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.428	2.16 ug/L	69043	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	93
2			Limonene	136	C10H16	000138-86-3	76
3			D-Limonene	136	C10H16	005989-27-5	70
4			Limonene	136	C10H16	000138-86-3	64
5			D-Limonene	136	C10H16	005989-27-5	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
Data File : VD079098.D
Acq On : 30 May 2024 16:06
Operator : RP/MD
Sample : P2633-06
Misc : 5.64G/10ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BHBZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.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	12.428	23.3	ug/L	759582	2	11.581	815346	25.0
Bicyclo[3.1.1]h...	12.981	31.7	ug/L	1015300	3	13.516	800692	25.0
3-Carene	13.234	2.4	ug/L	76697	3	13.516	800692	25.0
D-Limonene	13.428	2.2	ug/L	69043	3	13.516	800692	25.0