

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027040.D
 Acq On : 11 Sep 2023 19:36
 Operator : SY/MD
 Sample : 04332-22
 Misc : 2.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AN1

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027040.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	41	43	45	rBV2	1764	1897	0.10%	0.013%
2	2.223	48	55	60	rVV10	8336	26615	1.45%	0.176%
3	2.363	72	78	92	rBV	68741	212100	11.53%	1.404%
4	2.893	159	165	175	rBV	81313	225375	12.25%	1.492%
5	3.296	229	231	237	rVB7	1914	2824	0.15%	0.019%
6	3.387	241	246	255	rVB5	5587	13859	0.75%	0.092%
7	3.546	265	272	275	rBV3	8250	17310	0.94%	0.115%
8	3.667	290	292	294	rVB3	2240	1956	0.11%	0.013%
9	3.704	297	298	301	rVV2	2342	1810	0.10%	0.012%
10	3.734	301	303	307	rVV5	1907	2925	0.16%	0.019%
11	3.911	329	332	334	rBV4	1747	2257	0.12%	0.015%
12	4.027	340	351	363	rBV2	127308	462979	25.16%	3.066%
13	4.210	379	381	384	rBV4	1559	2034	0.11%	0.013%
14	4.399	406	412	419	rBV	7627	21986	1.19%	0.146%
15	4.612	441	447	448	rBV6	3325	5109	0.28%	0.034%
16	4.765	468	472	474	rBV5	1688	2590	0.14%	0.017%
17	4.868	487	489	490	rBV2	2434	2214	0.12%	0.015%
18	4.923	492	498	504	rBV6	10418	31790	1.73%	0.211%
19	5.332	563	565	570	rVB6	1892	2363	0.13%	0.016%
20	5.496	589	592	594	rBV4	1927	1907	0.10%	0.013%
21	5.533	596	598	601	rBV4	1871	2054	0.11%	0.014%
22	5.600	607	609	612	rVB4	1656	1708	0.09%	0.011%
23	5.685	622	623	627	rBV4	1985	2416	0.13%	0.016%
24	5.789	639	640	643	rVB3	2341	2052	0.11%	0.014%
25	5.935	659	664	665	rBV3	5795	6547	0.36%	0.043%
26	6.069	684	686	689	rVB4	2564	2163	0.12%	0.014%
27	6.094	689	690	692	rBV2	2166	1906	0.10%	0.013%
28	6.277	716	720	722	rBV5	1796	2019	0.11%	0.013%
29	6.460	748	750	753	rVV4	2203	2946	0.16%	0.020%
30	6.545	760	764	766	rBV5	1641	2276	0.12%	0.015%
31	6.740	794	796	798	rBV3	1486	1829	0.10%	0.012%
32	7.136	845	861	876	rVV2	130671	430900	23.42%	2.853%
33	7.350	894	896	898	rVB3	3252	2795	0.15%	0.019%
34	7.386	898	902	903	rBV4	2204	3103	0.17%	0.021%
35	7.423	906	908	912	rBV5	2178	3716	0.20%	0.025%
36	7.648	935	945	955	rBV	360513	878709	47.76%	5.818%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	7.783	965	967	972	rVB6	1756	2724	0.15%	0.018%
38	7.965	993	997	999	rVB5	1863	2537	0.14%	0.017%
39	8.106	1018	1020	1024	rVB4	1891	2486	0.14%	0.016%
40	8.167	1026	1030	1032	rBV5	1681	2627	0.14%	0.017%
41	8.276	1035	1048	1064	rBV2	586583	1839865	100.00%	12.183%
42	8.386	1064	1066	1068	rVV3	2576	2234	0.12%	0.015%
43	8.429	1071	1073	1077	rVB5	1451	2030	0.11%	0.013%
44	8.490	1080	1083	1085	rBV4	1880	2381	0.13%	0.016%
45	8.557	1092	1094	1098	rVB5	1494	1807	0.10%	0.012%
46	8.697	1114	1117	1119	rVB4	2108	2271	0.12%	0.015%
47	8.843	1132	1141	1154	rBV	722209	1441000	78.32%	9.542%
48	9.051	1173	1175	1177	rVV2	1708	2091	0.11%	0.014%
49	9.081	1179	1180	1186	rVB6	4405	5074	0.28%	0.034%
50	9.270	1202	1211	1225	rVV	451721	946591	51.45%	6.268%
51	9.441	1237	1239	1244	rVB5	1505	2584	0.14%	0.017%
52	9.532	1250	1254	1257	rBV6	2236	3728	0.20%	0.025%
53	9.666	1270	1276	1284	rBV10	4613	12435	0.68%	0.082%
54	9.825	1297	1302	1304	rBV6	1704	2881	0.16%	0.019%
55	9.892	1306	1313	1316	rBV9	3333	7373	0.40%	0.049%
56	9.965	1322	1325	1329	rBV5	2481	4023	0.22%	0.027%
57	10.032	1329	1336	1342	rBV	47936	90195	4.90%	0.597%
58	10.136	1348	1353	1355	rBV6	3866	6089	0.33%	0.040%
59	10.215	1364	1366	1369	rVB4	2753	2935	0.16%	0.019%
60	10.325	1376	1384	1393	rVV	607536	1071250	58.22%	7.093%
61	10.581	1419	1426	1433	rBV	40643	74989	4.08%	0.497%
62	10.703	1440	1446	1454	rVB	29529	58404	3.17%	0.387%
63	10.782	1454	1459	1460	rBV5	1347	1651	0.09%	0.011%
64	10.800	1460	1462	1465	rVB4	1670	1846	0.10%	0.012%
65	10.843	1465	1469	1476	rBV10	3089	6241	0.34%	0.041%
66	10.928	1476	1483	1488	rBV2	13831	28396	1.54%	0.188%
67	11.062	1499	1505	1514	rVV2	19377	37937	2.06%	0.251%
68	11.178	1520	1524	1528	rVB7	2948	4697	0.26%	0.031%
69	11.251	1534	1536	1538	rBV3	1802	2146	0.12%	0.014%
70	11.434	1562	1566	1575	rVB3	10968	20733	1.13%	0.137%
71	11.495	1575	1576	1582	rVB6	1983	2789	0.15%	0.018%
72	11.550	1582	1585	1586	rBV3	1779	1910	0.10%	0.013%
73	11.629	1591	1598	1606	rBV	713766	1188426	64.59%	7.869%
74	12.294	1679	1707	1728	rBV3	225752	1580787	85.92%	10.467%
75	12.471	1732	1736	1742	rVB7	9694	19330	1.05%	0.128%
76	12.605	1751	1758	1762	rBV	51245	102308	5.56%	0.677%

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 Title : SFAM01.0

77	12.690	1762	1772	1775	rBV	543127	1169597	63.57%	7.745%
78	13.288	1866	1870	1875	rBV7	5881	9821	0.53%	0.065%
79	13.483	1896	1902	1903	rBV5	5764	10256	0.56%	0.068%
80	13.556	1908	1914	1924	rBV	424238	700923	38.10%	4.641%
81	13.849	1956	1962	1968	rBV	271483	449841	24.45%	2.979%
82	14.123	1992	2007	2022	rBV3	303458	1058565	57.53%	7.009%
83	14.318	2029	2039	2041	rBV4	144224	370534	20.14%	2.454%
84	14.483	2060	2066	2077	rVB4	71350	212777	11.56%	1.409%
85	14.714	2101	2104	2108	rVB3	10186	14991	0.81%	0.099%
86	14.964	2143	2145	2146	rBV2	2507	1671	0.09%	0.011%
87	15.068	2157	2162	2163	rBV5	4926	8586	0.47%	0.057%
88	15.178	2177	2180	2182	rBV4	3146	4372	0.24%	0.029%
89	15.275	2194	2196	2197	rBV2	2278	1708	0.09%	0.011%
90	15.312	2197	2202	2207	rBV3	11120	25195	1.37%	0.167%
91	15.428	2217	2221	2227	rVB3	33160	55967	3.04%	0.371%
92	15.684	2260	2263	2266	rBV4	2146	2785	0.15%	0.018%
93	15.757	2272	2275	2277	rBV3	2331	2415	0.13%	0.016%
94	15.891	2292	2297	2300	rVB6	2593	4475	0.24%	0.030%
95	15.940	2303	2305	2309	rVB4	2395	2763	0.15%	0.018%
96	16.244	2353	2355	2357	rBV3	1901	1932	0.11%	0.013%
97	16.330	2365	2369	2370	rBV4	2222	2663	0.14%	0.018%
98	16.653	2418	2422	2426	rVB7	2401	3924	0.21%	0.026%
99	16.696	2426	2429	2431	rBV4	2073	2241	0.12%	0.015%
100	16.757	2435	2439	2443	rVB7	1720	3183	0.17%	0.021%

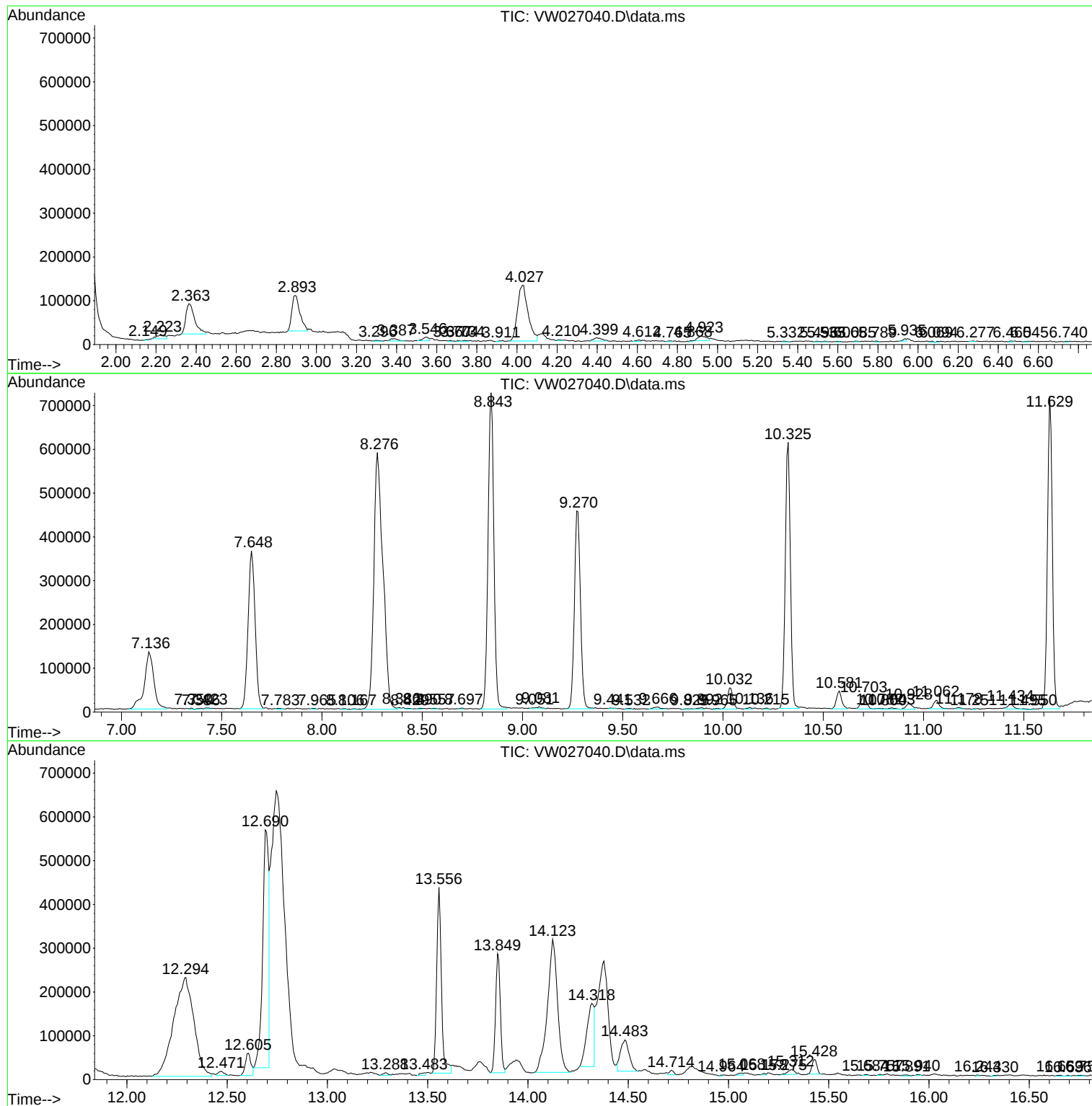
Sum of corrected areas: 15102025

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
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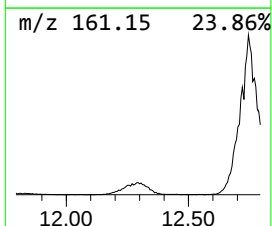
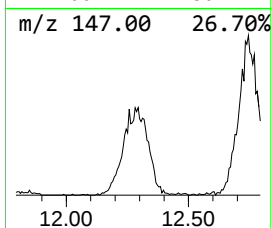
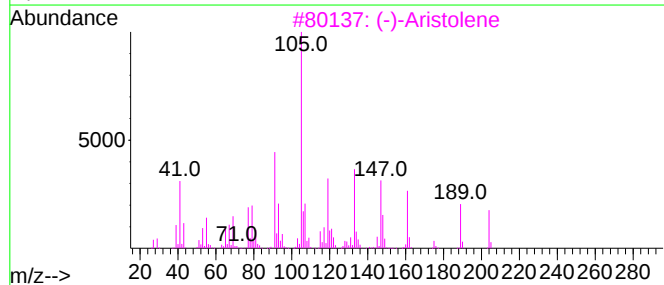
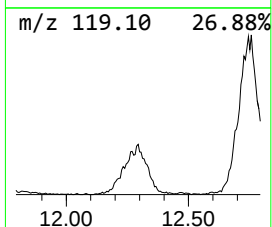
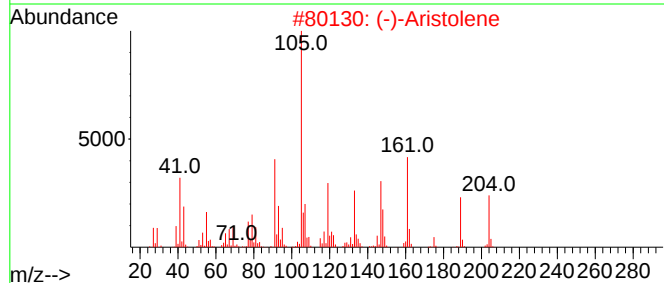
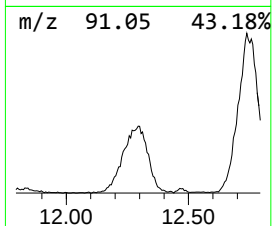
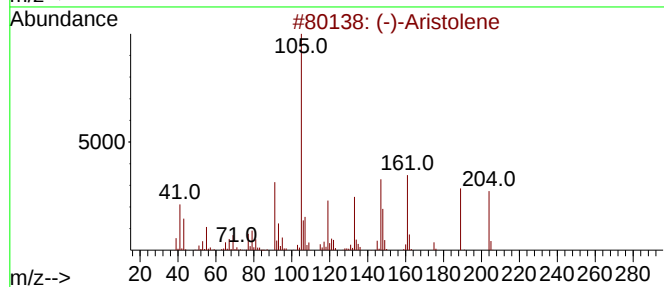
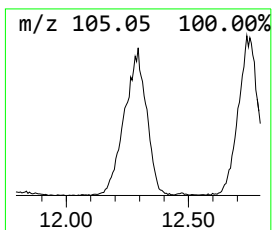
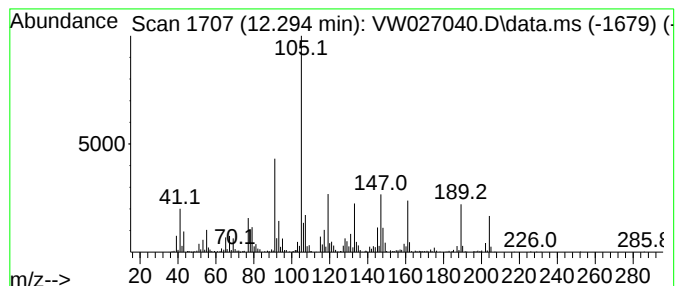
Instrument :
MSVOA_W
ClientSampleId :
COAN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (-)-Aristolene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.294	33.25 ug/L	1580790	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1 (-)-Aristolene		204	C15H24	006831-16-9	96
2 (-)-Aristolene		204	C15H24	006831-16-9	60
3 (-)-Aristolene		204	C15H24	006831-16-9	59
4 .beta.-Guaiene		204	C15H24	000088-84-6	58
5 1H-Indene, 2,3,3a,4-tetrahydro-3...		204	C15H24	059742-39-1	58



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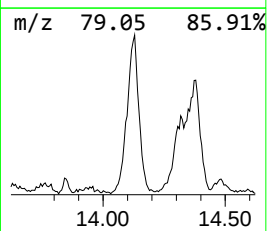
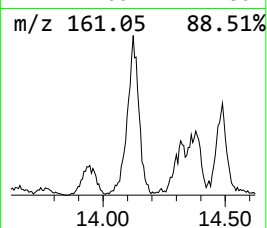
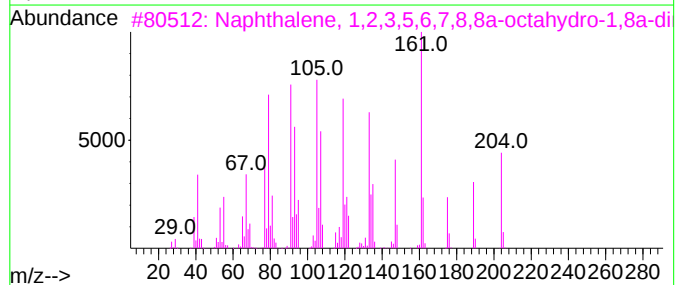
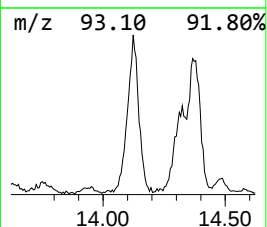
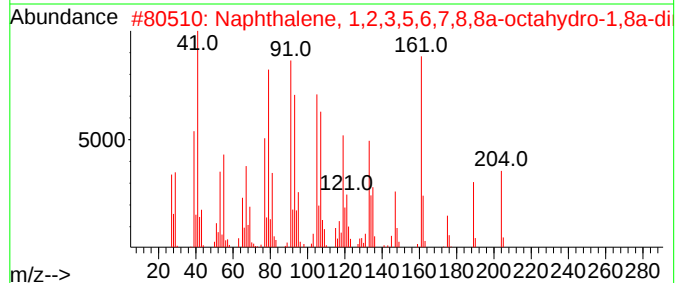
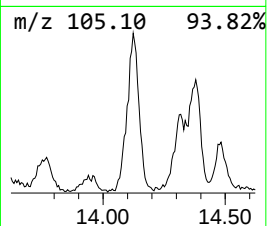
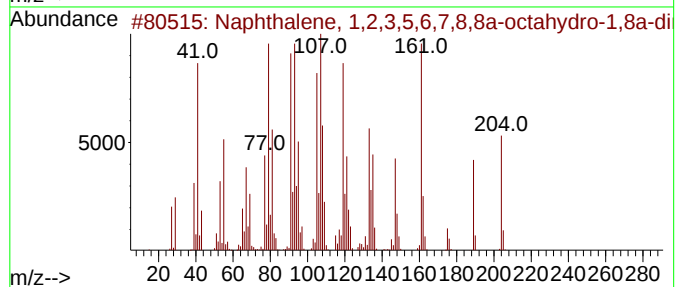
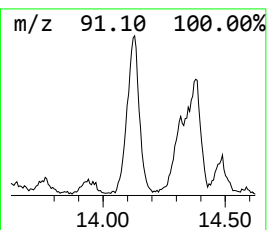
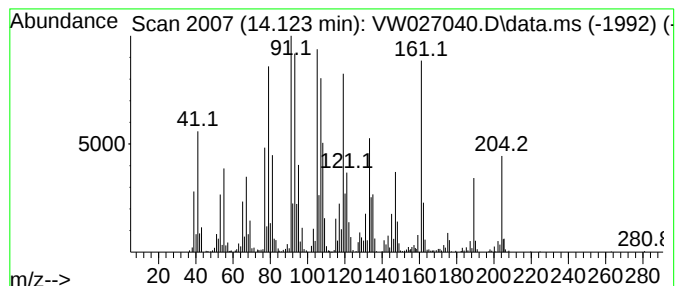
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.123	37.76 ug/L	1058570	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	97
2			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	95
3			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	94
4			Longifolene	204	C15H24	000475-20-7	93
5			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	91



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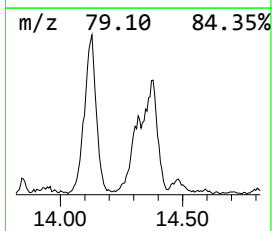
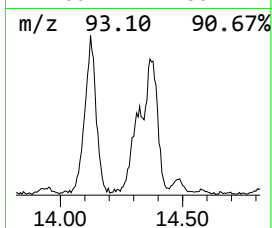
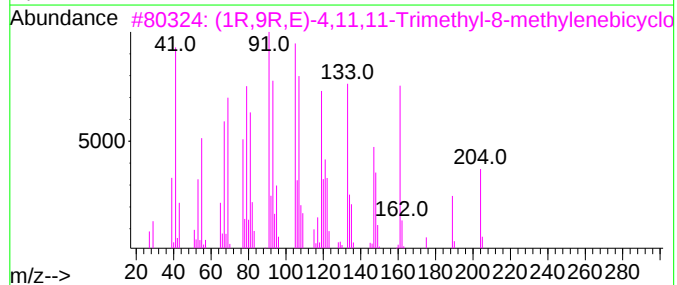
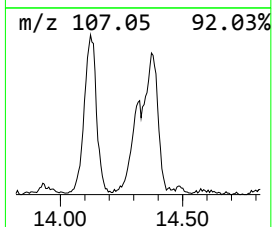
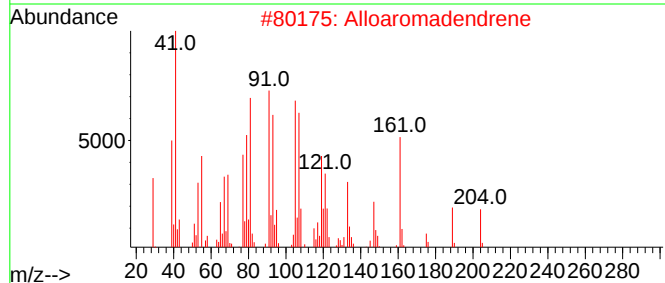
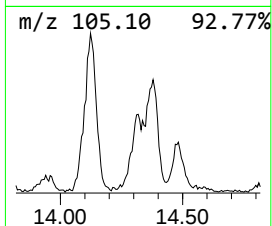
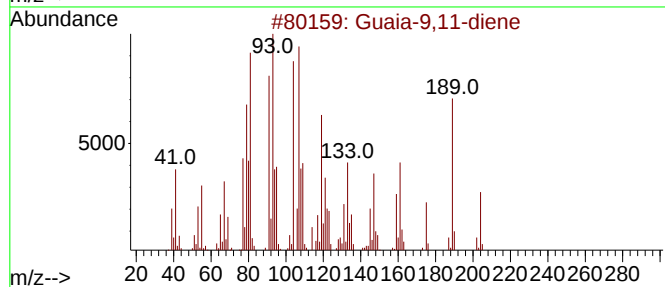
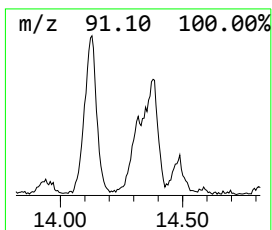
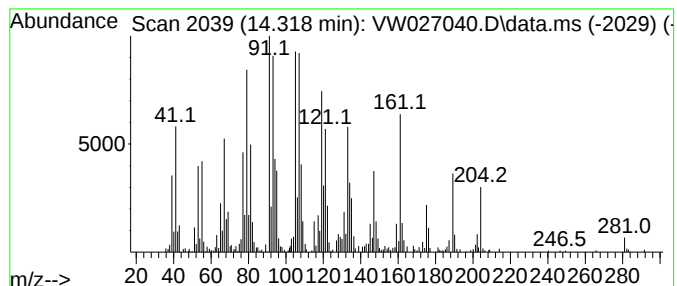
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Guaia-9,11-diene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.318	13.22 ug/L	370534	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Guaia-9,11-diene	204	C15H24	1000374-19-8	87
2			Alloaromadendrene	204	C15H24	025246-27-9	83
3			(1R,9R,E)-4,11,11-Trimethyl-8-me...	204	C15H24	068832-35-9	83
4			.beta.-Longipinene	204	C15H24	041432-70-6	70
5			(3S,3aS,8aR)-6,8a-Dimethyl-3-(pr...	204	C15H24	142878-08-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027040.D
Acq On : 11 Sep 2023 19:36
Operator : SY/MD
Sample : 04332-22
Misc : 2.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
COAN1

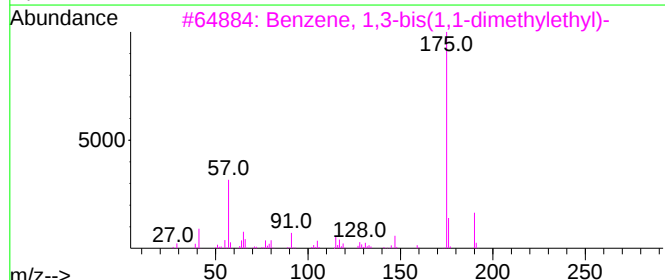
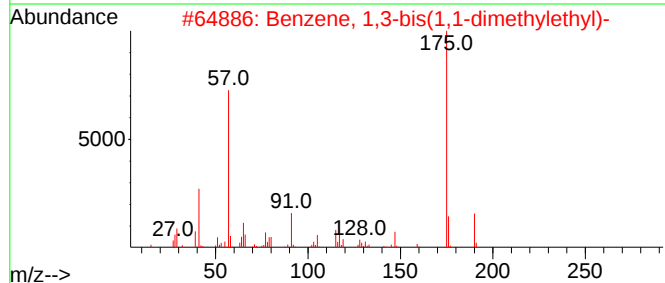
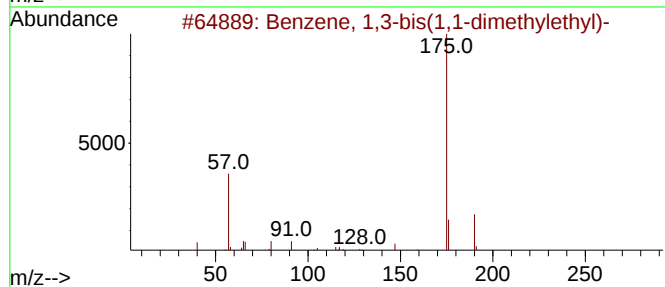
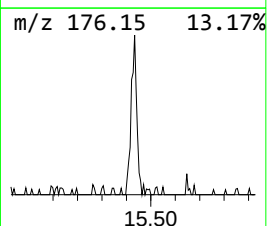
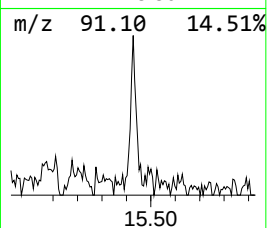
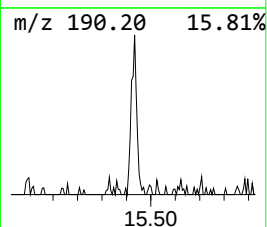
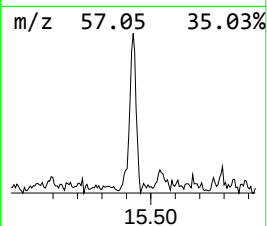
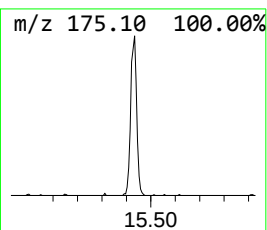
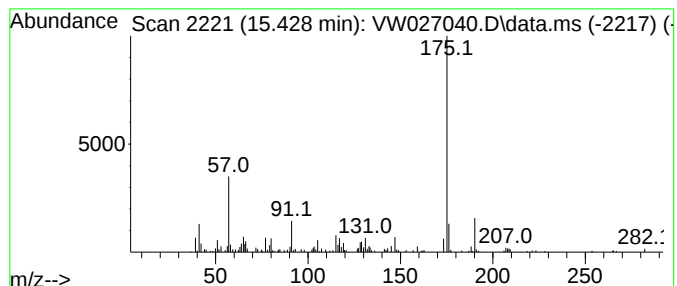
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	2.00 ug/L	55967	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
Data File : VW027040.D
Acq On : 11 Sep 2023 19:36
Operator : SY/MD
Sample : 04332-22
Misc : 2.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AN1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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
(-)-Aristolene	12.294	33.3	ug/L	1580790	2	11.629	1188430	25.0
Longifolene	14.123	37.8	ug/L	1058570	3	13.556	700923	25.0
Guaia-9,11-diene	14.318	13.2	ug/L	370534	3	13.556	700923	25.0
Benzene, 1,3-bi...	15.428	2.0	ug/L	55967	3	13.556	700923	25.0