

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027959.D
 Acq On : 05 Feb 2024 17:19
 Operator : SY/MD
 Sample : P1352-04
 Misc : 5.50g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0FN7

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\SFAMWLM020524SMA.M
 Title : SFAM01.0

Signal : TIC: VW027959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	70	79	97	rBV	55918	161933	10.32%	1.268%
2	2.655	125	126	127	rBV	749	386	0.02%	0.003%
3	2.789	146	148	149	rBV	490	324	0.02%	0.003%
4	2.899	158	166	183	rBV	57706	169463	10.80%	1.327%
5	3.070	193	194	196	rBV2	478	455	0.03%	0.004%
6	3.106	198	200	204	rVB4	778	889	0.06%	0.007%
7	3.283	228	229	234	rVB2	191	226	0.01%	0.002%
8	3.350	238	240	244	rVB2	217	240	0.02%	0.002%
9	3.405	245	249	250	rBV2	164	170	0.01%	0.001%
10	3.429	250	253	256	rVB2	207	231	0.01%	0.002%
11	3.625	280	285	286	rBV2	123	216	0.01%	0.002%
12	3.679	290	294	297	rVV	505	693	0.04%	0.005%
13	3.704	297	298	303	rVV2	322	281	0.02%	0.002%
14	3.875	323	326	329	rBV2	181	212	0.01%	0.002%
15	4.021	338	350	379	rBV	127822	458440	29.22%	3.589%
16	4.289	391	394	395	rVB2	218	206	0.01%	0.002%
17	4.307	395	397	399	rBV	210	174	0.01%	0.001%
18	4.454	417	421	423	rVV2	231	381	0.02%	0.003%
19	4.923	485	498	520	rBV2	25096	100331	6.39%	0.786%
20	5.167	535	538	539	rVV	151	187	0.01%	0.001%
21	5.191	539	542	544	rVV2	271	345	0.02%	0.003%
22	5.210	544	545	548	rVV2	325	293	0.02%	0.002%
23	5.947	658	666	674	rVB6	2472	7248	0.46%	0.057%
24	6.124	692	695	698	rBV2	124	161	0.01%	0.001%
25	6.252	715	716	720	rBV	188	252	0.02%	0.002%
26	6.289	720	722	725	rVB2	191	192	0.01%	0.002%
27	6.325	725	728	730	rVB	171	165	0.01%	0.001%
28	6.362	730	734	735	rBV2	211	219	0.01%	0.002%
29	6.972	831	834	837	rVB2	133	164	0.01%	0.001%
30	7.081	843	852	859	rBV	31439	88943	5.67%	0.696%
31	7.648	934	945	958	rBV	260578	638376	40.68%	4.998%
32	7.764	962	964	970	rVV5	634	1015	0.06%	0.008%
33	7.819	970	973	974	rVB	176	173	0.01%	0.001%
34	7.947	990	994	1000	rVB2	420	742	0.05%	0.006%
35	8.276	1037	1048	1066	rBV2	493604	1448555	92.32%	11.341%
36	8.416	1070	1071	1074	rVB	210	162	0.01%	0.001%

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 Title : SFAM01.0

37	8.459	1077	1078	1081	rVB2	262	177	0.01%	0.001%
38	8.502	1081	1085	1088	rVB2	176	201	0.01%	0.002%
39	8.563	1091	1095	1098	rBV2	168	228	0.01%	0.002%
40	8.624	1102	1105	1106	rBV	264	294	0.02%	0.002%
41	8.691	1111	1116	1118	rBV2	399	672	0.04%	0.005%
42	8.837	1130	1140	1155	rBV	593099	1197274	76.30%	9.374%
43	9.038	1170	1173	1175	rBV	212	265	0.02%	0.002%
44	9.075	1175	1179	1185	rVB	1285	2209	0.14%	0.017%
45	9.117	1185	1186	1189	rVB	273	226	0.01%	0.002%
46	9.185	1192	1197	1198	rBV2	234	341	0.02%	0.003%
47	9.270	1202	1211	1221	rBV	322569	650019	41.43%	5.089%
48	9.453	1239	1241	1244	rBV3	209	320	0.02%	0.003%
49	9.495	1247	1248	1252	rVV3	159	190	0.01%	0.001%
50	9.532	1252	1254	1258	rVV3	207	281	0.02%	0.002%
51	9.666	1271	1276	1283	rVB4	1209	1976	0.13%	0.015%
52	9.721	1283	1285	1286	rVB2	281	168	0.01%	0.001%
53	9.776	1292	1294	1297	rVB2	262	240	0.02%	0.002%
54	9.831	1300	1303	1307	rVB	142	202	0.01%	0.002%
55	9.886	1309	1312	1314	rBV2	226	243	0.02%	0.002%
56	10.032	1327	1336	1349	rBV2	184842	333707	21.27%	2.613%
57	10.129	1350	1352	1360	rVB4	762	1312	0.08%	0.010%
58	10.197	1360	1363	1365	rBV2	189	198	0.01%	0.002%
59	10.318	1375	1383	1393	rBV	748025	1356135	86.43%	10.618%
60	10.483	1405	1410	1412	rBV4	659	1192	0.08%	0.009%
61	10.575	1418	1425	1433	rBV	115534	195693	12.47%	1.532%
62	10.703	1439	1446	1453	rVB	13792	24603	1.57%	0.193%
63	10.855	1469	1471	1475	rVV5	405	431	0.03%	0.003%
64	10.922	1475	1482	1500	rVV	147548	247114	15.75%	1.935%
65	11.062	1500	1505	1513	rBV5	3148	6198	0.39%	0.049%
66	11.141	1516	1518	1519	rBV	398	196	0.01%	0.002%
67	11.166	1519	1522	1531	rVB4	549	1182	0.08%	0.009%
68	11.257	1534	1537	1541	rBV4	249	385	0.02%	0.003%
69	11.312	1544	1546	1547	rBV	462	269	0.02%	0.002%
70	11.355	1547	1553	1555	rBV4	440	883	0.06%	0.007%
71	11.404	1559	1561	1562	rVV	418	214	0.01%	0.002%
72	11.526	1579	1581	1584	rBV3	291	452	0.03%	0.004%
73	11.574	1584	1589	1590	rBV4	585	976	0.06%	0.008%
74	11.629	1590	1598	1606	rBV	830616	1399474	89.19%	10.957%
75	12.032	1661	1664	1665	rBV	545	435	0.03%	0.003%
76	12.056	1666	1668	1669	rBV	366	227	0.01%	0.002%

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 Title : SFAM01.0

77	12.245	1669	1699	1714	rBV9	64014	512242	32.65%	4.011%
78	12.599	1752	1757	1765	rVB	15040	25858	1.65%	0.202%
79	12.690	1765	1772	1779	rBV	270039	433605	27.63%	3.395%
80	12.964	1801	1817	1831	rVB	15528	85141	5.43%	0.667%
81	13.092	1836	1838	1840	rBV3	757	730	0.05%	0.006%
82	13.287	1866	1870	1875	rVB3	2963	4600	0.29%	0.036%
83	13.397	1879	1888	1889	rBV5	5855	11014	0.70%	0.086%
84	13.550	1906	1913	1927	rBV	889720	1569119	100.00%	12.285%
85	13.848	1949	1962	1975	rVB	778757	1330348	84.78%	10.416%
86	14.056	1992	1996	2001	rBV2	8816	14111	0.90%	0.110%
87	14.373	2046	2048	2049	rBV	661	499	0.03%	0.004%
88	14.440	2049	2059	2066	rVV4	6592	23460	1.50%	0.184%
89	14.562	2068	2079	2094	rVV7	23450	105292	6.71%	0.824%
90	14.720	2097	2105	2114	rVB5	25274	72056	4.59%	0.564%
91	14.915	2132	2137	2144	rBV10	3453	9982	0.64%	0.078%
92	15.007	2146	2152	2162	rVB7	9777	29298	1.87%	0.229%
93	15.110	2165	2169	2175	rVB6	4116	9990	0.64%	0.078%
94	15.214	2184	2186	2189	rVB4	971	627	0.04%	0.005%
95	15.427	2216	2221	2226	rVB2	11464	18632	1.19%	0.146%
96	15.750	2271	2274	2276	rBV4	956	1265	0.08%	0.010%
97	16.116	2332	2334	2335	rBV2	710	649	0.04%	0.005%
98	16.153	2335	2340	2341	rBV4	2110	3058	0.19%	0.024%
99	16.366	2372	2375	2378	rVB3	568	680	0.04%	0.005%
100	16.464	2389	2391	2395	rVB4	834	826	0.05%	0.006%

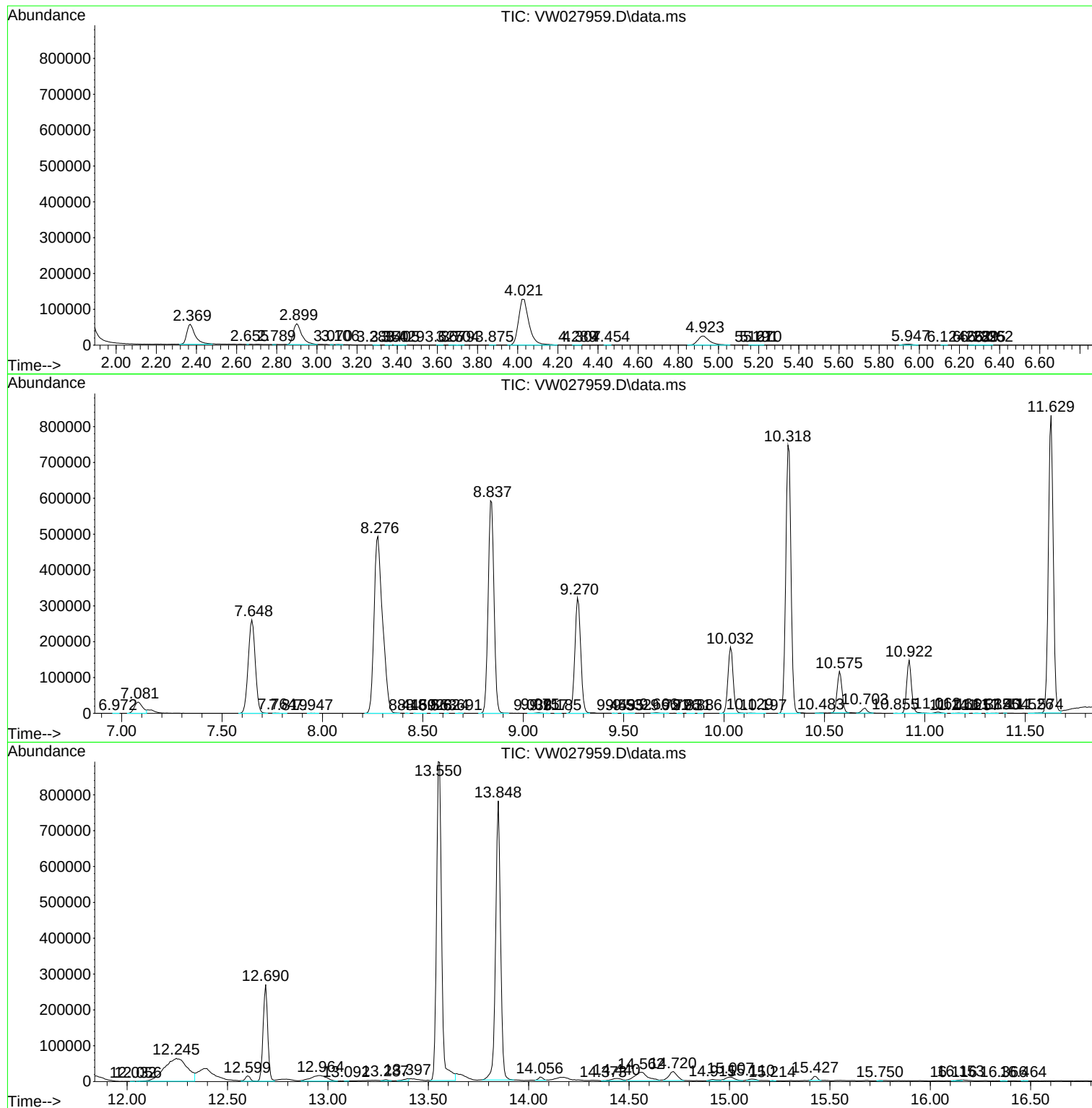
Sum of corrected areas: 12772327

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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



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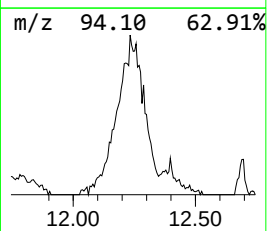
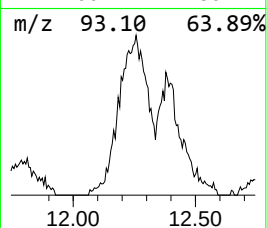
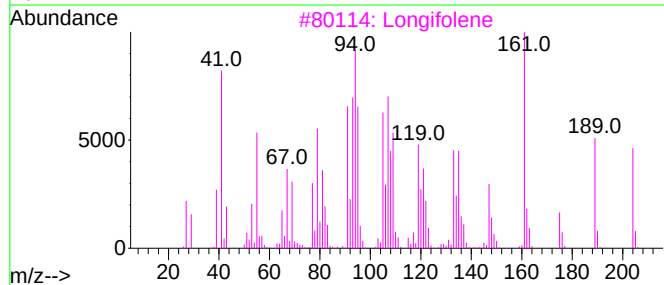
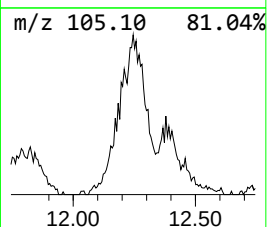
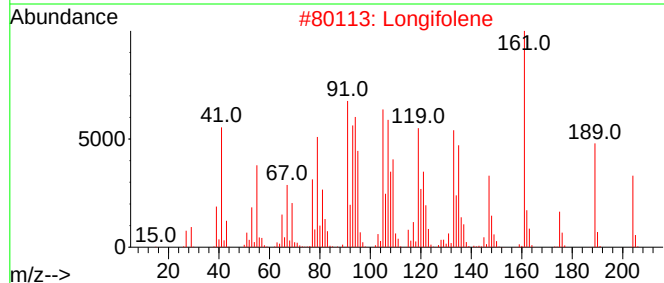
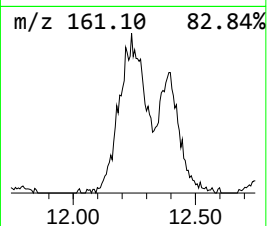
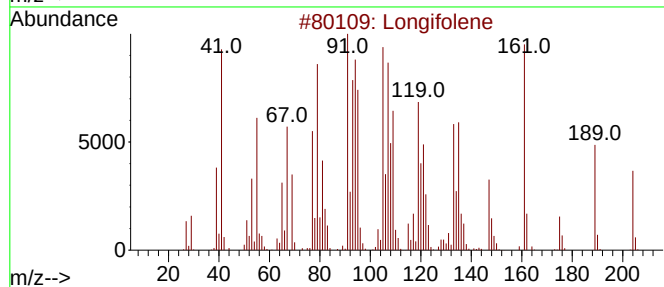
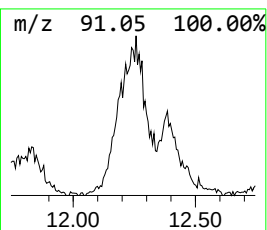
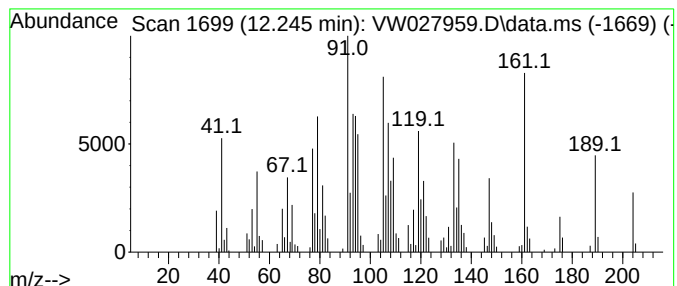
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	9.15 ug/L	512242	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Longifolene	204	C15H24	000475-20-7	99
3			Longifolene	204	C15H24	000475-20-7	99
4			Longifolene	204	C15H24	000475-20-7	96
5			Longifolene	204	C15H24	000475-20-7	96



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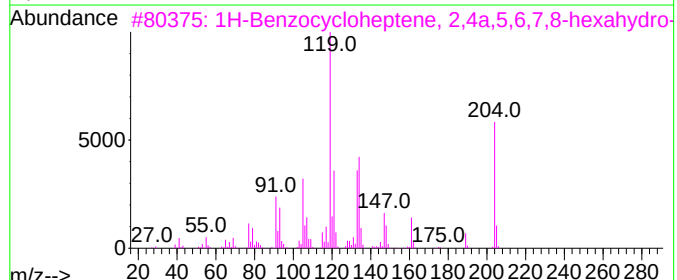
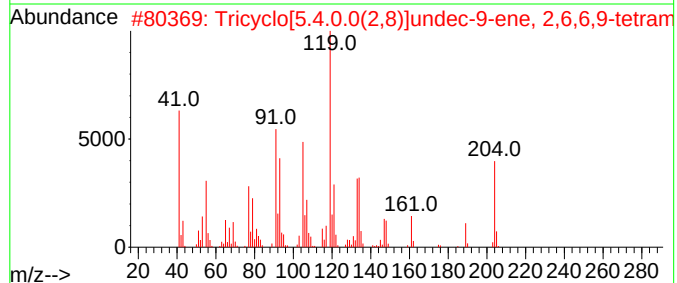
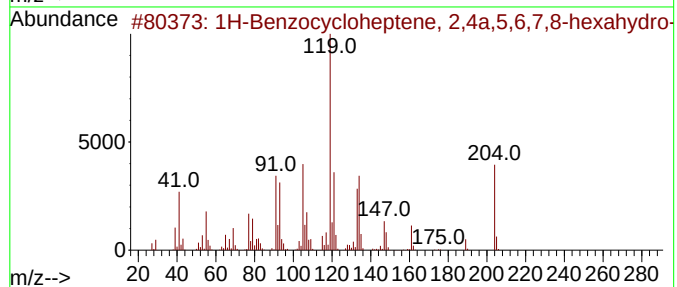
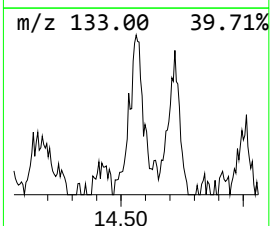
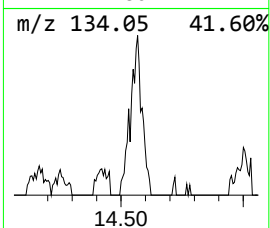
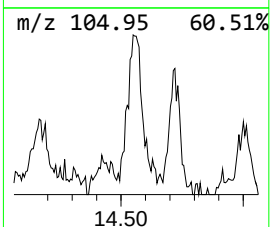
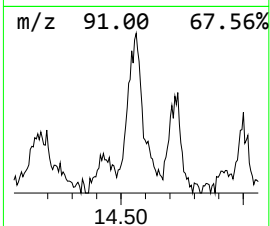
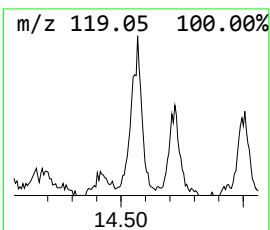
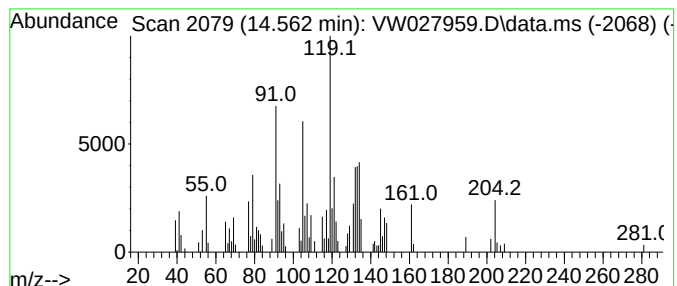
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .alpha.-Cuprenene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.562	1.68 ug/L	105292	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	91
2			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	83
3			1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	83
4			.alpha.-Cuprenene	204	C15H24	029621-78-1	83
5			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Longifolene	12.245	9.2	ug/L	512242	2	11.629	1399470	25.0
unknown-01	12.964	1.4	ug/L	85141	3	13.556	1569120	25.0
.alpha.-Cuprenene	14.562	1.7	ug/L	105292	3	13.556	1569120	25.0