

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
 Data File : VW019532.D
 Acq On : 21 Jul 2021 14:37
 Operator : SY/VA
 Sample : M3106-04
 Misc : 3.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGD18

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\SFAMWLM070921SMA.M
 Title : SFAM01.0

Signal : TIC: VW019532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	89	rVB	97043	190975	10.31%	1.439%
2	2.898	156	163	175	rVB	74376	180278	9.74%	1.358%
3	3.398	237	245	251	rBV5	1886	5165	0.28%	0.039%
4	3.501	260	262	264	rVB2	205	180	0.01%	0.001%
5	3.690	290	293	295	rBV2	339	432	0.02%	0.003%
6	3.855	316	320	321	rBV2	195	216	0.01%	0.002%
7	4.026	333	348	366	rBV	181454	573254	30.96%	4.319%
8	4.294	390	392	398	rVB4	451	543	0.03%	0.004%
9	4.391	400	408	415	rBV2	684	1945	0.11%	0.015%
10	4.446	415	417	418	rBV2	242	159	0.01%	0.001%
11	4.525	428	430	431	rVB	227	128	0.01%	0.001%
12	4.635	441	448	450	rBV3	568	1262	0.07%	0.010%
13	4.800	473	475	476	rBV	200	154	0.01%	0.001%
14	4.812	476	477	478	rVV	355	160	0.01%	0.001%
15	4.922	482	495	521	rVB	78854	275511	14.88%	2.076%
16	5.440	576	580	583	rBV2	362	500	0.03%	0.004%
17	5.537	594	596	599	rVB2	271	251	0.01%	0.002%
18	5.580	599	603	604	rBV2	164	217	0.01%	0.002%
19	5.617	607	609	612	rVB2	180	235	0.01%	0.002%
20	5.647	612	614	618	rBV2	148	188	0.01%	0.001%
21	5.684	618	620	623	rVV2	179	149	0.01%	0.001%
22	5.739	627	629	631	rBV	197	192	0.01%	0.001%
23	5.836	643	645	649	rVV2	204	225	0.01%	0.002%
24	5.946	652	663	675	rVV4	20964	61974	3.35%	0.467%
25	6.184	700	702	703	rBV2	201	152	0.01%	0.001%
26	6.202	703	705	708	rVV2	205	249	0.01%	0.002%
27	6.245	710	712	713	rVV	199	139	0.01%	0.001%
28	6.269	715	716	717	rVV	333	222	0.01%	0.002%
29	6.287	717	719	726	rVV3	654	1214	0.07%	0.009%
30	6.446	743	745	747	rBV2	189	183	0.01%	0.001%
31	6.934	823	825	828	rVB2	178	148	0.01%	0.001%
32	6.976	830	832	833	rBV2	201	181	0.01%	0.001%
33	7.092	840	851	874	rBV2	38542	145633	7.87%	1.097%
34	7.433	906	907	910	rBV2	184	171	0.01%	0.001%
35	7.464	910	912	913	rVV	251	195	0.01%	0.001%
36	7.482	913	915	917	rVV3	283	271	0.01%	0.002%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Title : SFAM01.0

37	7.519	919	921	922	rBV2	281	209	0.01%	0.002%
38	7.653	932	943	957	rBV	321691	777314	41.98%	5.857%
39	7.824	969	971	973	rVB	256	139	0.01%	0.001%
40	7.921	985	987	988	rVB2	233	123	0.01%	0.001%
41	7.946	988	991	992	rBV2	686	614	0.03%	0.005%
42	8.037	1005	1006	1009	rVB2	229	235	0.01%	0.002%
43	8.067	1009	1011	1012	rBV2	197	147	0.01%	0.001%
44	8.281	1035	1046	1062	rBV2	626537	1851445	100.00%	13.950%
45	8.567	1091	1093	1094	rVB	240	146	0.01%	0.001%
46	8.671	1108	1110	1111	rBV	201	174	0.01%	0.001%
47	8.702	1111	1115	1120	rVB5	829	1472	0.08%	0.011%
48	8.842	1129	1138	1150	rBV	631432	1256038	67.84%	9.464%
49	9.037	1168	1170	1172	rVB2	254	159	0.01%	0.001%
50	9.079	1172	1177	1185	rBV2	2528	4657	0.25%	0.035%
51	9.275	1200	1209	1220	rBV	423843	871418	47.07%	6.566%
52	9.500	1244	1246	1248	rVB2	187	169	0.01%	0.001%
53	9.555	1251	1255	1257	rBV2	128	179	0.01%	0.001%
54	9.659	1267	1272	1278	rBV4	3304	6749	0.36%	0.051%
55	9.774	1289	1291	1292	rBV2	188	133	0.01%	0.001%
56	9.878	1306	1308	1312	rBV2	152	166	0.01%	0.001%
57	9.951	1316	1320	1321	rBV2	328	430	0.02%	0.003%
58	10.037	1326	1334	1344	rBV	187887	338346	18.27%	2.549%
59	10.128	1345	1349	1360	rVB4	3710	7891	0.43%	0.059%
60	10.250	1368	1369	1371	rVB	255	138	0.01%	0.001%
61	10.323	1373	1381	1389	rBV	862148	1524005	82.31%	11.483%
62	10.506	1406	1411	1416	rVB4	1889	2937	0.16%	0.022%
63	10.579	1416	1423	1436	rBV	125147	213981	11.56%	1.612%
64	10.707	1438	1444	1450	rVB3	2741	5144	0.28%	0.039%
65	10.805	1455	1460	1461	rBV2	173	217	0.01%	0.002%
66	10.860	1465	1469	1473	rBV3	491	805	0.04%	0.006%
67	10.927	1473	1480	1495	rBV	165254	302564	16.34%	2.280%
68	11.073	1500	1504	1505	rBV3	557	780	0.04%	0.006%
69	11.268	1534	1536	1539	rBV2	188	222	0.01%	0.002%
70	11.433	1560	1563	1564	rBV	154	124	0.01%	0.001%
71	11.445	1564	1565	1569	rVB2	242	165	0.01%	0.001%
72	11.634	1588	1596	1606	rBV	809437	1376168	74.33%	10.369%
73	11.799	1621	1623	1624	rVV2	208	144	0.01%	0.001%
74	11.835	1624	1629	1635	rVV4	1266	2613	0.14%	0.020%
75	11.908	1639	1641	1642	rVB	322	205	0.01%	0.002%
76	11.927	1642	1644	1645	rBV	228	160	0.01%	0.001%

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77	12.018	1654	1659	1666	rVB2	5899	8583	0.46%	0.065%
78	12.085	1666	1670	1671	rBV2	121	169	0.01%	0.001%
79	12.103	1671	1673	1678	rVV2	322	383	0.02%	0.003%
80	12.183	1680	1686	1693	rVB	6129	10196	0.55%	0.077%
81	12.365	1705	1716	1724	rBV	121818	213677	11.54%	1.610%
82	12.469	1724	1733	1741	rBV	114888	194219	10.49%	1.463%
83	12.597	1745	1754	1761	rBV4	5521	13629	0.74%	0.103%
84	12.695	1763	1770	1772	rBV	304043	537799	29.05%	4.052%
85	12.865	1794	1798	1802	rVB4	639	895	0.05%	0.007%
86	12.963	1802	1814	1819	rBV7	13676	28350	1.53%	0.214%
87	13.024	1819	1824	1832	rVB2	20030	34863	1.88%	0.263%
88	13.365	1875	1880	1884	rBV3	2996	4954	0.27%	0.037%
89	13.451	1884	1894	1899	rBV2	69300	133942	7.23%	1.009%
90	13.554	1905	1911	1919	rBV	675170	1086166	58.67%	8.184%
91	13.768	1941	1946	1951	rBV5	1575	3341	0.18%	0.025%
92	13.853	1953	1960	1973	rVV	562622	911576	49.24%	6.868%
93	13.957	1973	1977	1981	rVV5	2948	4846	0.26%	0.037%
94	13.999	1981	1984	1988	rVV5	2533	3859	0.21%	0.029%
95	14.066	1988	1995	2001	rVB2	19223	33692	1.82%	0.254%
96	14.201	2016	2017	2019	rBV2	497	320	0.02%	0.002%
97	14.316	2031	2036	2047	rBV7	3483	8031	0.43%	0.061%
98	14.646	2088	2090	2091	rBV	389	241	0.01%	0.002%
99	15.066	2153	2159	2167	rBV3	12725	22675	1.22%	0.171%
100	15.487	2223	2228	2235	rBV	14157	23686	1.28%	0.178%

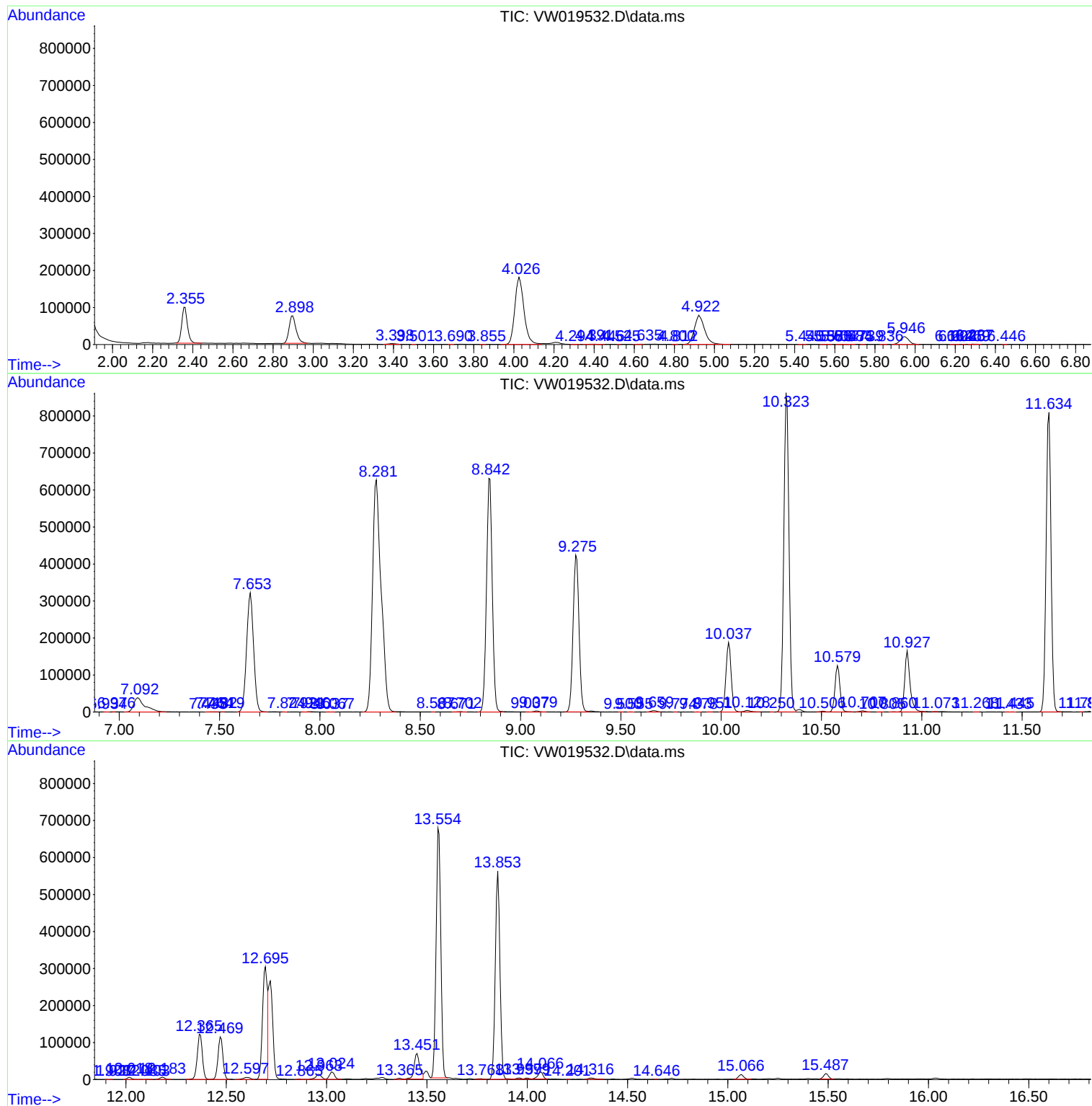
Sum of corrected areas: 13271868

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.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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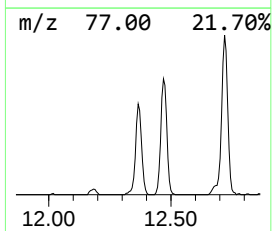
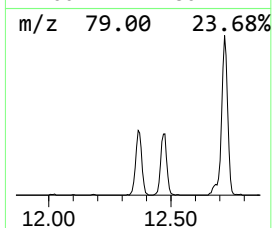
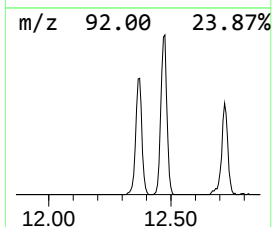
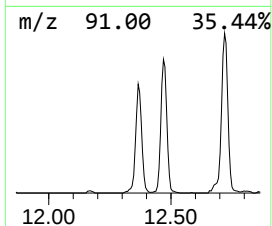
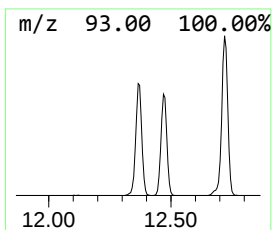
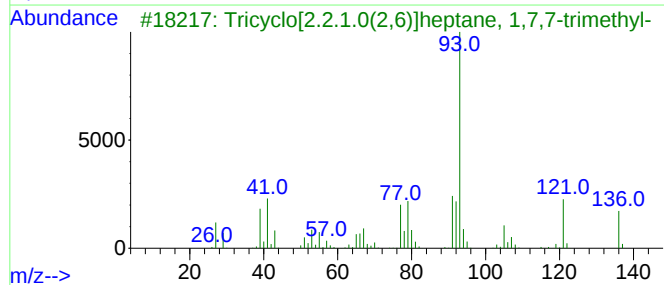
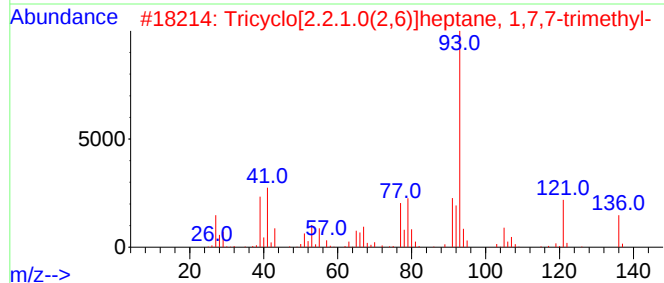
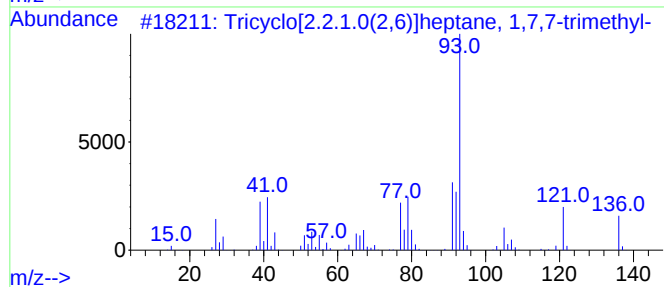
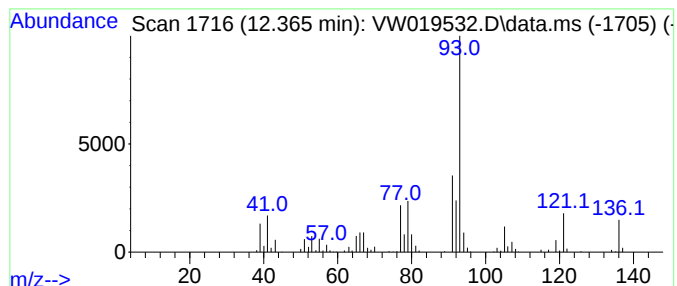
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.366	3.88 ug/L	213677	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
4			3-Carene	136	C10H16	013466-78-9	93
5			3-Carene	136	C10H16	013466-78-9	93



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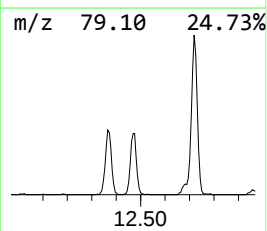
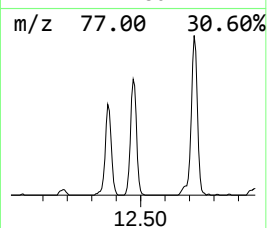
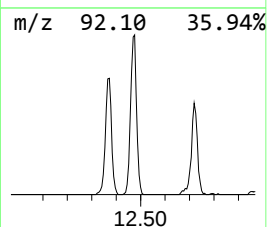
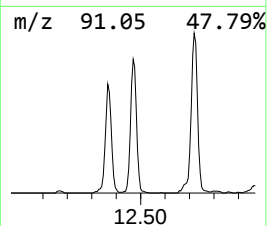
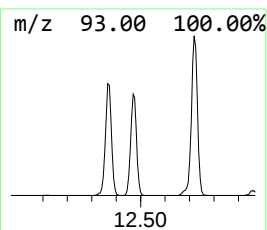
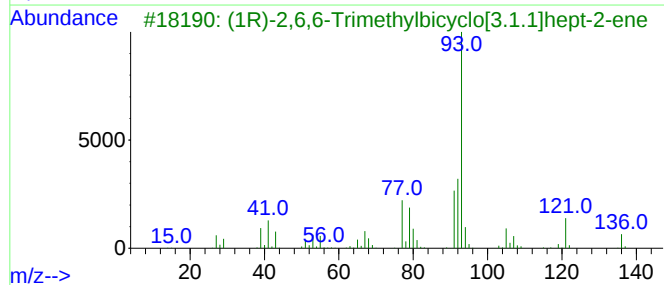
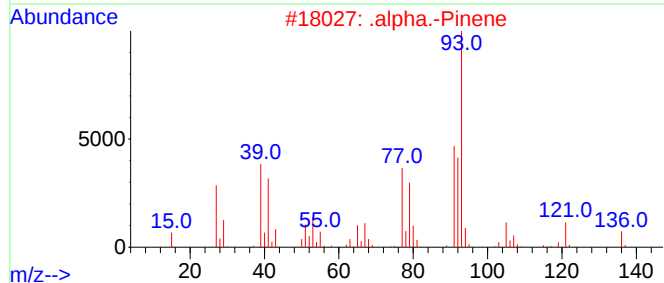
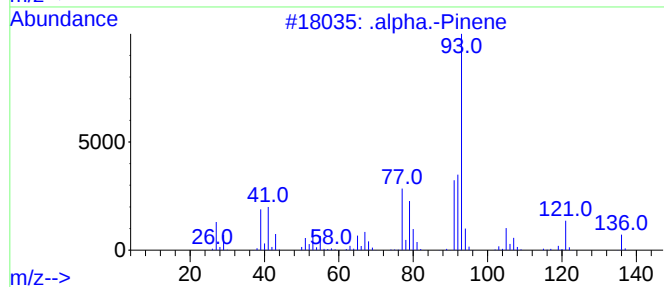
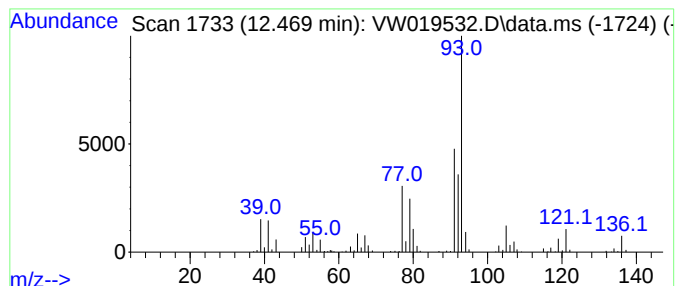
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0

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.
12.469	3.53 ug/L	194219	Chlorobenzene-d5	11.634

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	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	91
5	.		.alpha.-Pinene	136	C10H16	000080-56-8	91



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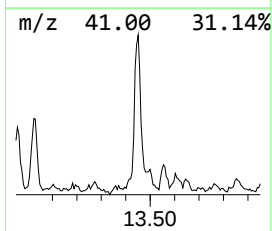
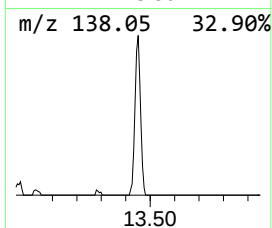
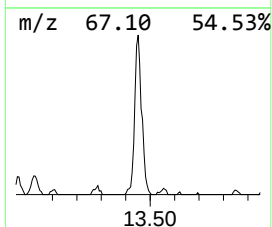
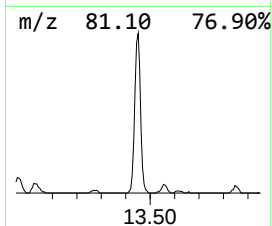
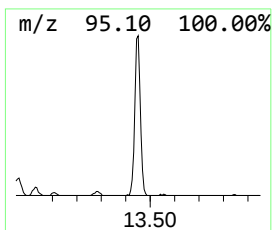
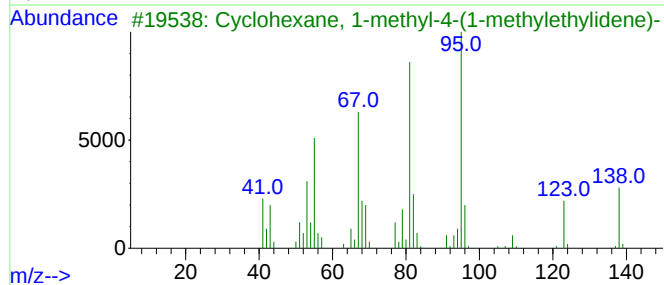
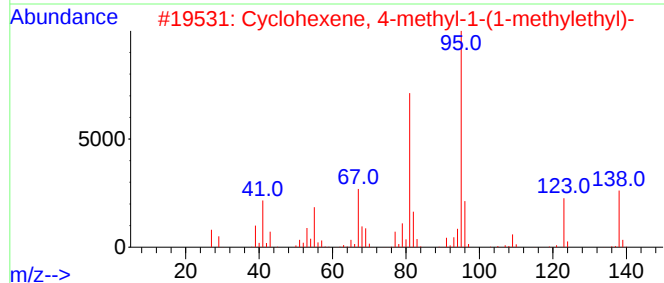
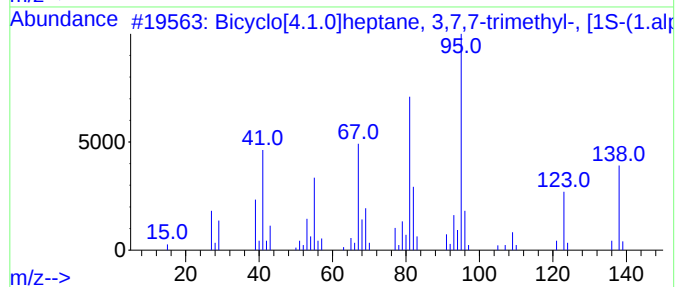
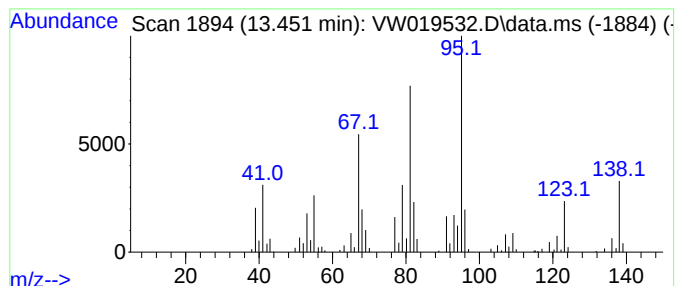
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Quant Title : SFAM01.0

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

Peak Number 4 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	3.08 ug/L	133942	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	97
2			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	96
3			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	93
4			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	93
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072121\
Data File : VW019532.D
Acq On : 21 Jul 2021 14:37
Operator : SY/VA
Sample : M3106-04
Misc : 3.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGD18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.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
Tricyclo[2.2.1....	12.366	3.9	ug/L	213677	2	11.634	1376170	25.0
.alpha.-Pinene	12.469	3.5	ug/L	194219	2	11.634	1376170	25.0
Bicyclo[4.1.0]h...	13.451	3.1	ug/L	133942	3	13.560	1086170	25.0