

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017555.D
 Acq On : 04 Dec 2020 14:54
 Operator : SY/VA
 Sample : L4941-06
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY9

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\SOM2WLM112420S.M
 Title : VOC Analysis

Signal : TIC

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	85	rVB	78835	149913	11.64%	1.529%
2	2.891	155	162	174	rBV	68474	153237	11.90%	1.563%
3	3.026	180	184	188	rBV7	1428	2313	0.18%	0.024%
4	3.221	213	216	219	rVB3	607	717	0.06%	0.007%
5	3.385	241	243	245	rVV2	743	747	0.06%	0.008%
6	3.410	245	247	251	rVB3	1150	1467	0.11%	0.015%
7	3.526	263	266	267	rBV3	870	944	0.07%	0.010%
8	3.739	299	301	303	rBV2	661	770	0.06%	0.008%
9	4.025	336	348	362	rBV	149255	454293	35.27%	4.635%
10	4.355	399	402	404	rBV3	796	749	0.06%	0.008%
11	4.403	404	410	416	rBV5	2242	5762	0.45%	0.059%
12	4.708	458	460	464	rVB4	748	991	0.08%	0.010%
13	4.922	479	495	512	rBV3	37516	136504	10.60%	1.393%
14	5.153	529	533	535	rVV4	598	966	0.07%	0.010%
15	5.391	568	572	573	rBV	639	818	0.06%	0.008%
16	5.507	588	591	596	rBV4	556	1005	0.08%	0.010%
17	5.928	654	660	661	rBV4	2628	3702	0.29%	0.038%
18	5.946	661	663	671	rVV5	3834	7960	0.62%	0.081%
19	6.007	671	673	678	rVB3	770	1243	0.10%	0.013%
20	6.074	682	684	689	rBV3	690	959	0.07%	0.010%
21	6.354	726	730	731	rBV2	552	730	0.06%	0.007%
22	6.915	819	822	823	rBV2	650	704	0.05%	0.007%
23	7.080	840	849	853	rBV	28941	75614	5.87%	0.771%
24	7.452	906	910	914	rBV5	763	1237	0.10%	0.013%
25	7.647	931	942	957	rBV	228986	578385	44.90%	5.901%
26	7.939	985	990	992	rBV4	1061	1888	0.15%	0.019%
27	8.281	1034	1046	1062	rBV2	439138	1288116	100.00%	13.142%
28	8.506	1080	1083	1086	rBV4	550	850	0.07%	0.009%
29	8.701	1113	1115	1120	rVB4	1039	1415	0.11%	0.014%
30	8.842	1129	1138	1153	rBV	474772	968551	75.19%	9.881%
31	9.079	1171	1177	1183	rVB7	1967	4160	0.32%	0.042%
32	9.195	1192	1196	1200	rBV4	412	700	0.05%	0.007%
33	9.274	1200	1209	1219	rBV	290911	592580	46.00%	6.046%
34	9.652	1268	1271	1274	rBV3	1468	2227	0.17%	0.023%

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35	9.866	1302	1306	1311	rVB5	895	1432	0.11%	0.015%
36	10.037	1326	1334	1343	rBV2	134252	243921	18.94%	2.489%
37	10.128	1346	1349	1354	rVB6	1481	2149	0.17%	0.022%
38	10.219	1360	1364	1368	rVB7	1448	2201	0.17%	0.022%
39	10.323	1372	1381	1391	rBV	599502	1062784	82.51%	10.843%
40	10.579	1416	1423	1433	rBV	88597	154612	12.00%	1.577%
41	10.707	1438	1444	1450	rVB2	9846	17393	1.35%	0.177%
42	10.927	1474	1480	1497	rBV	85856	168710	13.10%	1.721%
43	11.067	1499	1503	1508	rVV2	14059	23202	1.80%	0.237%
44	11.122	1510	1512	1514	rVB3	1234	910	0.07%	0.009%
45	11.177	1519	1521	1527	rVB5	1182	1908	0.15%	0.019%
46	11.439	1557	1564	1574	rVB2	18301	32099	2.49%	0.327%
47	11.634	1588	1596	1607	rBV	638268	1064977	82.68%	10.865%
48	11.835	1625	1629	1631	rBV4	1315	2154	0.17%	0.022%
49	11.945	1644	1647	1648	rBV2	676	777	0.06%	0.008%
50	12.018	1657	1659	1664	rBV2	887	991	0.08%	0.010%
51	12.170	1682	1684	1689	rVV4	1245	1641	0.13%	0.017%
52	12.371	1711	1717	1722	rVB2	8711	14535	1.13%	0.148%
53	12.475	1727	1734	1741	rVB2	34600	61536	4.78%	0.628%
54	12.609	1749	1756	1762	rBV	38505	67084	5.21%	0.684%
55	12.695	1762	1770	1784	rBV2	204454	512620	39.80%	5.230%
56	12.938	1805	1810	1811	rBV2	6472	8459	0.66%	0.086%
57	13.030	1818	1825	1832	rVV	45847	79500	6.17%	0.811%
58	13.085	1832	1834	1838	rVB3	964	944	0.07%	0.010%
59	13.164	1844	1847	1849	rBV4	1407	1691	0.13%	0.017%
60	13.219	1849	1856	1860	rVV8	5427	10966	0.85%	0.112%
61	13.280	1860	1866	1874	rVB3	24939	59483	4.62%	0.607%
62	13.371	1875	1881	1884	rBV6	3477	5921	0.46%	0.060%
63	13.408	1884	1887	1892	rVB5	3767	5759	0.45%	0.059%
64	13.469	1892	1897	1900	rBV3	16189	30058	2.33%	0.307%
65	13.499	1900	1902	1905	rVV	14471	17491	1.36%	0.178%
66	13.560	1905	1912	1919	rVB	543281	863436	67.03%	8.809%
67	13.713	1933	1937	1941	rBV3	3588	5167	0.40%	0.053%
68	13.761	1941	1945	1948	rBV3	2934	4513	0.35%	0.046%
69	13.853	1954	1960	1967	rBV	410559	681350	52.90%	6.951%
70	13.950	1973	1976	1981	rVV6	1729	3112	0.24%	0.032%
71	13.999	1981	1984	1991	rVV7	3586	7543	0.59%	0.077%

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72	14.072	1991	1996	2003	rVB2	17345	30840	2.39%	0.315%
73	14.219	2019	2020	2023	rVB2	1158	846	0.07%	0.009%
74	14.274	2026	2029	2030	rVV3	646	801	0.06%	0.008%
75	14.304	2030	2034	2035	rVV3	2264	3022	0.23%	0.031%
76	14.328	2035	2038	2046	rVV8	3546	7472	0.58%	0.076%
77	14.432	2051	2055	2060	rBV6	1939	3860	0.30%	0.039%
78	14.524	2067	2070	2075	rVB5	1326	1869	0.15%	0.019%
79	14.627	2084	2087	2089	rBV2	653	912	0.07%	0.009%
80	14.731	2100	2104	2110	rVB5	4414	7129	0.55%	0.073%
81	14.828	2118	2120	2123	rVB3	717	786	0.06%	0.008%
82	15.042	2150	2155	2156	rBV3	1056	1622	0.13%	0.017%
83	15.072	2156	2160	2162	rVV5	2001	2686	0.21%	0.027%
84	15.097	2162	2164	2168	rVB3	1192	1712	0.13%	0.017%
85	15.170	2173	2176	2180	rVB5	1330	1973	0.15%	0.020%
86	15.255	2188	2190	2195	rVB4	2222	2581	0.20%	0.026%
87	15.340	2201	2204	2205	rBV3	766	824	0.06%	0.008%
88	15.438	2211	2220	2225	rVV3	18001	32012	2.49%	0.327%
89	15.493	2225	2229	2234	rVB7	1909	3063	0.24%	0.031%
90	15.597	2244	2246	2250	rVB4	1369	1680	0.13%	0.017%
91	15.694	2257	2262	2269	rVB7	3285	6421	0.50%	0.066%
92	15.767	2269	2274	2276	rBV6	3552	6340	0.49%	0.065%
93	15.853	2284	2288	2291	rVB5	2296	3636	0.28%	0.037%
94	15.968	2303	2307	2312	rVB7	2265	4308	0.33%	0.044%
95	16.054	2316	2321	2325	rBV5	1607	2887	0.22%	0.029%
96	16.206	2344	2346	2350	rBV3	985	1432	0.11%	0.015%
97	16.249	2351	2353	2360	rVB6	1246	1968	0.15%	0.020%
98	16.310	2360	2363	2365	rBV4	1194	1168	0.09%	0.012%
99	16.456	2386	2387	2390	rBV3	1188	1406	0.11%	0.014%
100	16.700	2425	2427	2430	rBV3	867	1167	0.09%	0.012%

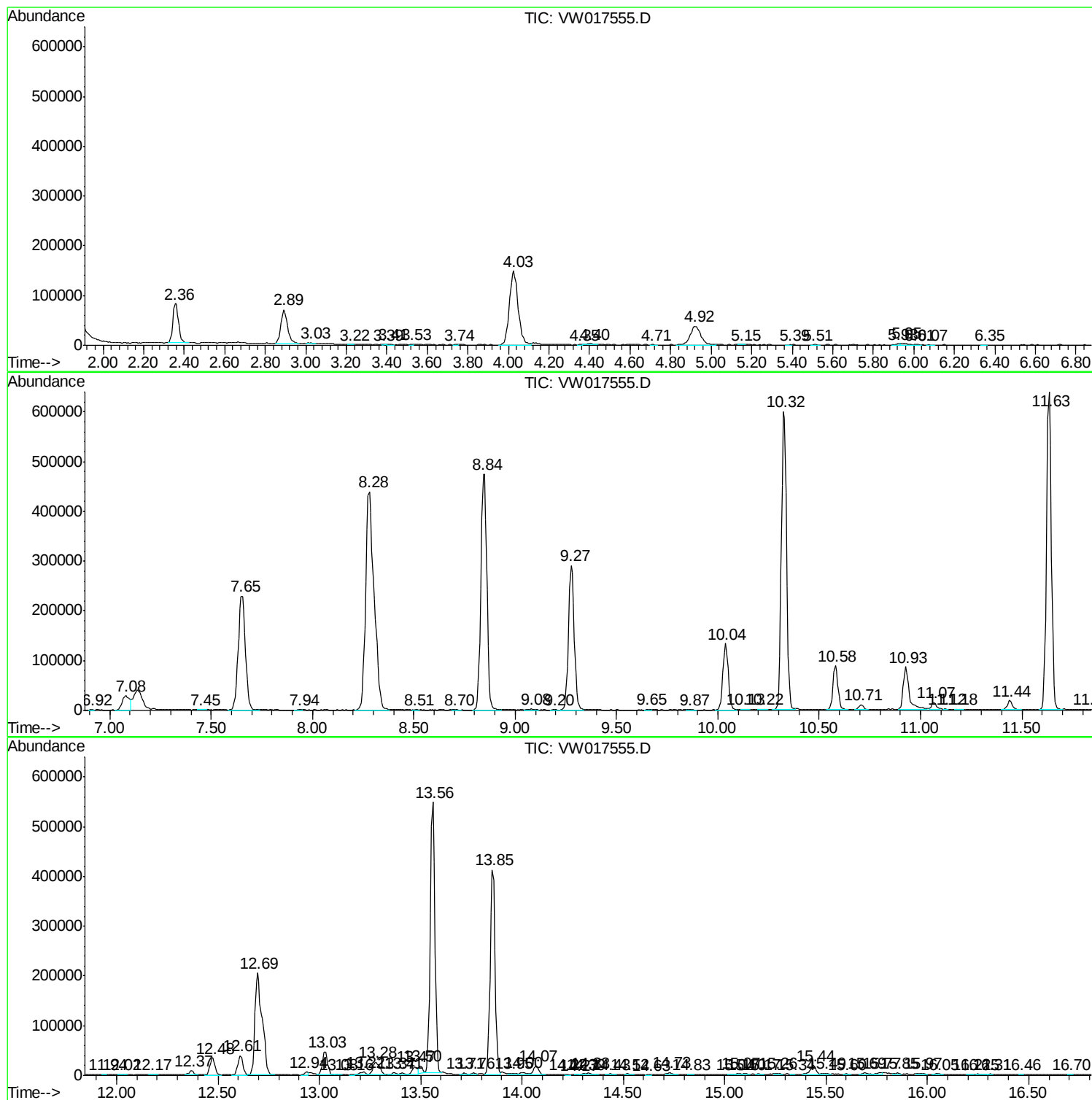
Sum of corrected areas: 9801669

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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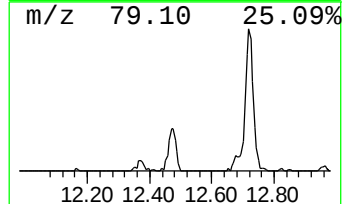
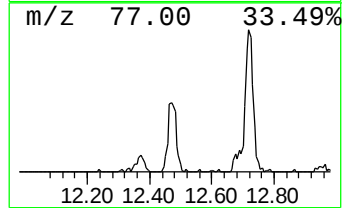
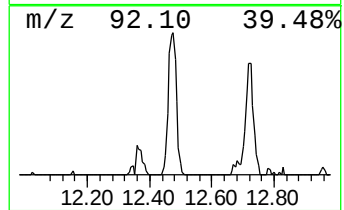
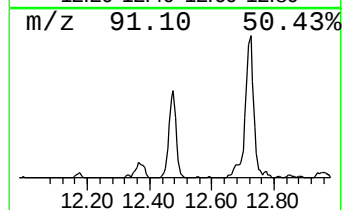
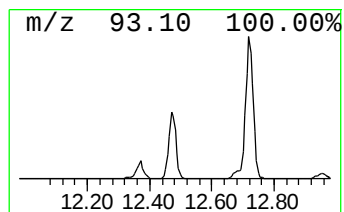
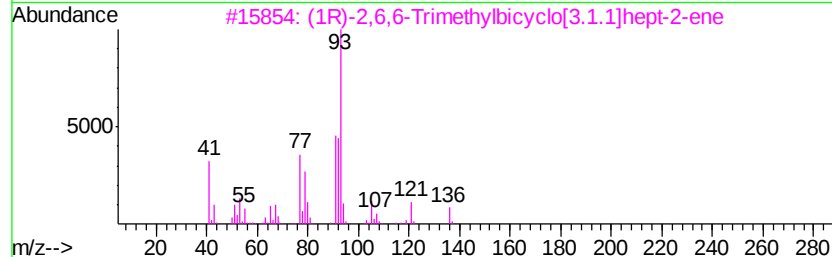
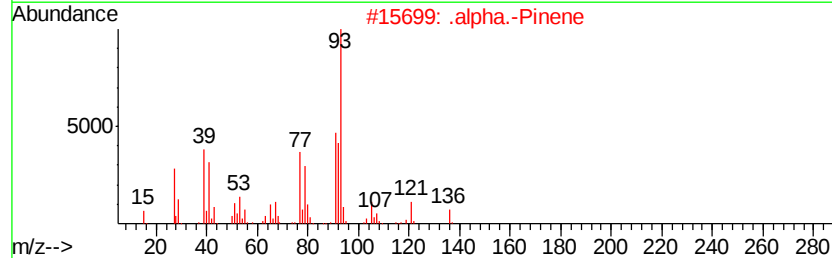
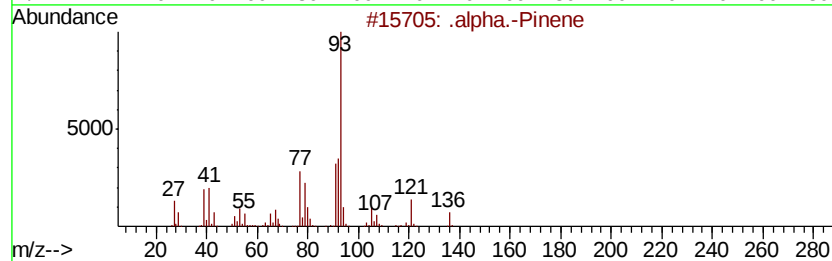
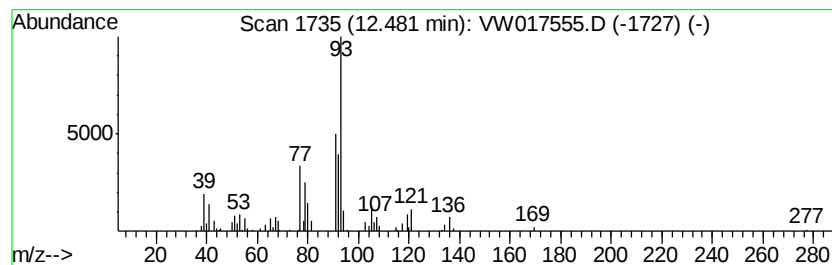
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.44 ug/L	61536	Chlorobenzene-d5	11.63

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	93
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



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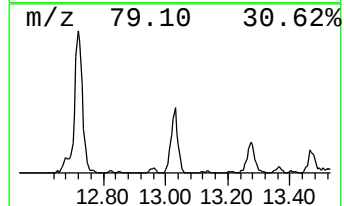
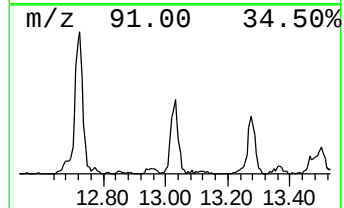
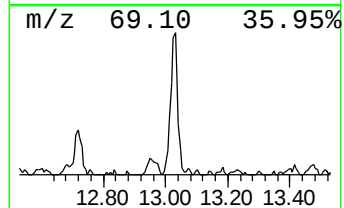
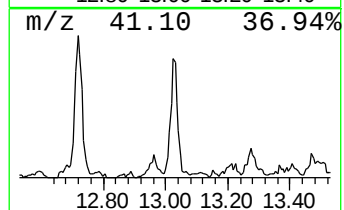
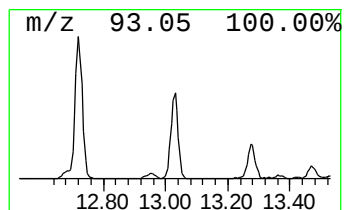
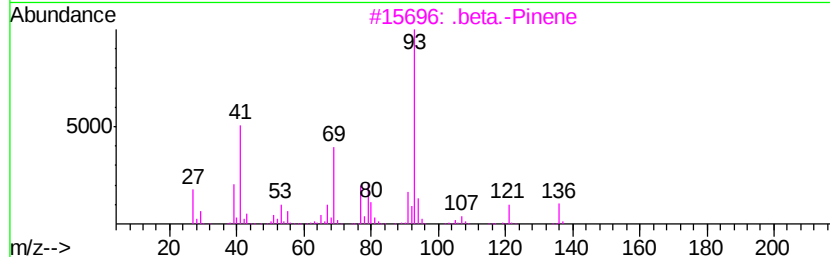
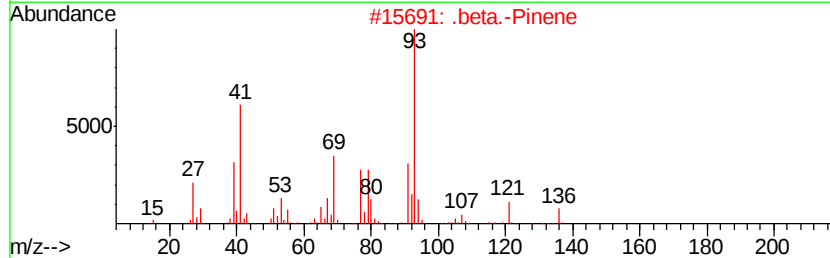
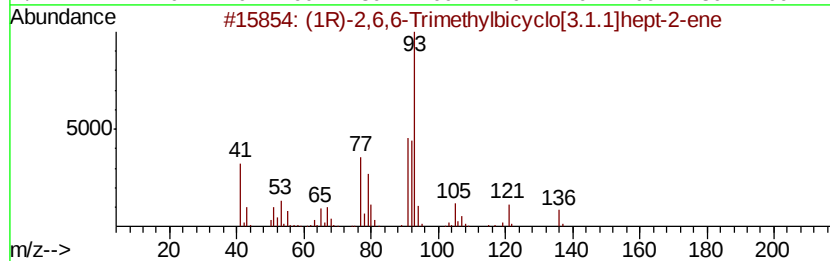
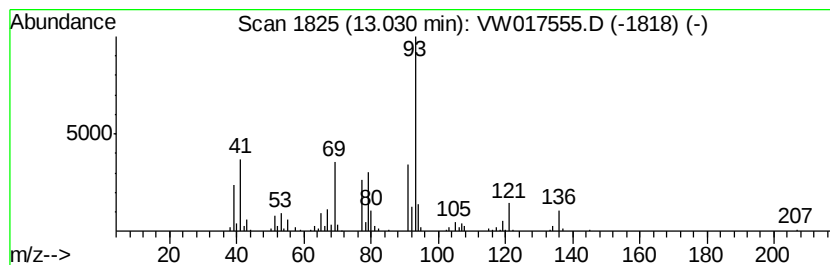
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.30 ug/L	79500	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
2		.beta.-Pinene	136	C10H16	000127-91-3	91
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		.beta.-Pinene	136	C10H16	000127-91-3	91
5		Bicyclo[3.1.1]heptane, 6,6-dimethyl-	136	C10H16	018172-67-3	90



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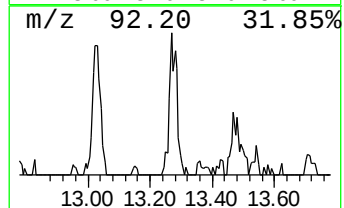
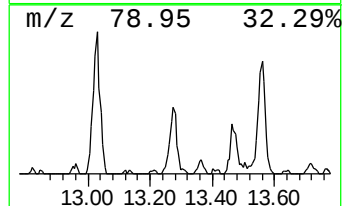
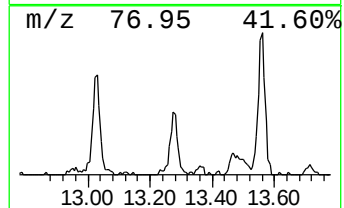
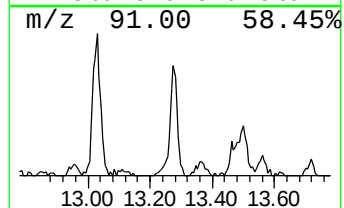
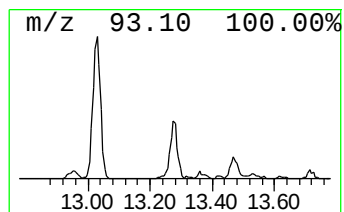
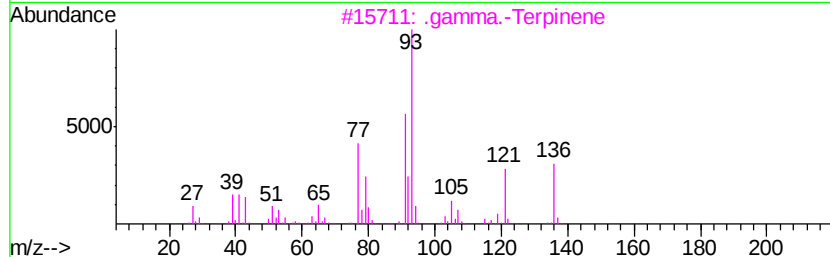
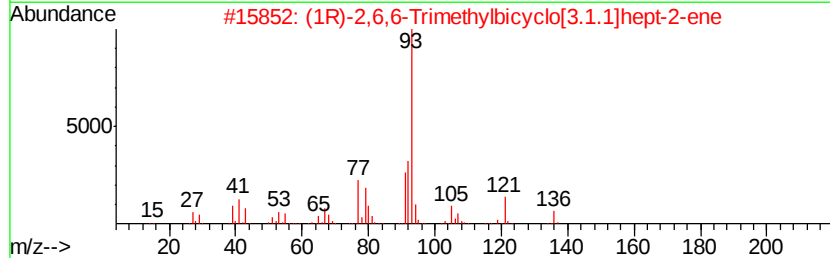
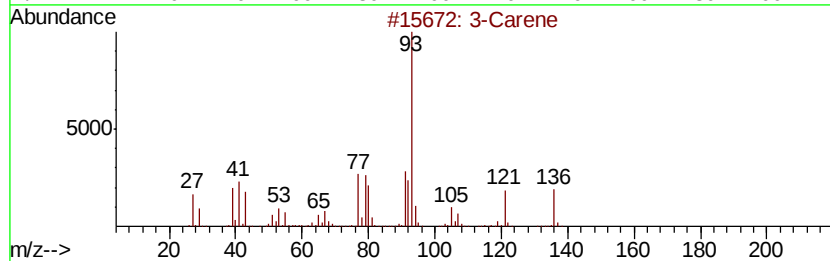
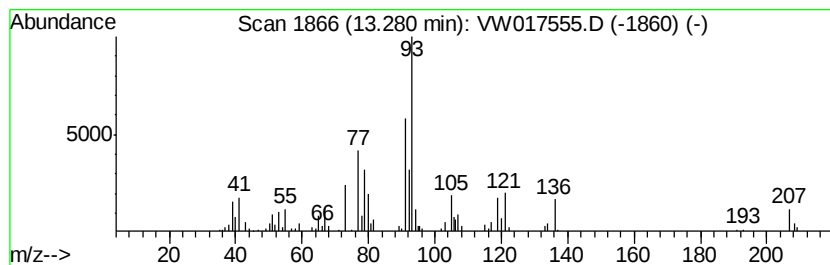
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Peak Number 5 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	1.72 ug/L	59483	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Carene	136	C10H16	013466-78-9	92
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	81
3		.gamma.-Terpinene	136	C10H16	000099-85-4	76
4		3-Carene	136	C10H16	013466-78-9	70
5		3-Carene	136	C10H16	013466-78-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120420\
Data File : VW017555.D
Acq On : 04 Dec 2020 14:54
Operator : SY/VA
Sample : L4941-06
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	1.4	ug/L	61536	2	11.63	1064980	25.0
(1R)-2,6,6-Trimet...	13.03	2.3	ug/L	79500	3	13.56	863436	25.0
3-Carene	13.28	1.7	ug/L	59483	3	13.56	863436	25.0