

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\
 Data File : VV009342.D
 Acq On : 22 Feb 2019 21:10
 Operator : SY/MD
 Sample : K1579-15
 Misc : 7.79G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB610

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_V\METHOD\SOM2VLM022019S.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	2.495	435	437	439	rBV	228	127	0.10%	0.024%
2	2.630	476	479	483	rBV	264	243	0.19%	0.046%
3	2.907	562	565	566	rBV	206	100	0.08%	0.019%
4	2.946	573	577	582	rVB2	341	305	0.24%	0.057%
5	3.061	610	613	614	rBV2	525	294	0.23%	0.055%
6	3.312	688	691	692	rBV2	145	64	0.05%	0.012%
7	3.367	704	708	709	rBV2	185	142	0.11%	0.027%
8	3.434	725	729	731	rBV	167	135	0.10%	0.025%
9	3.640	791	793	795	rBV	220	100	0.08%	0.019%
10	3.666	799	801	804	rVB	193	93	0.07%	0.017%
11	3.820	847	849	852	rBV	171	100	0.08%	0.019%
12	3.949	875	889	896	rBV3	1761	4055	3.13%	0.760%
13	4.106	935	938	943	rVB2	238	241	0.19%	0.045%
14	4.135	945	947	950	rVB2	284	132	0.10%	0.025%
15	4.299	997	998	1001	rVB	229	94	0.07%	0.018%
16	4.335	1006	1009	1011	rBV	134	81	0.06%	0.015%
17	4.527	1066	1069	1070	rBV	208	83	0.06%	0.016%
18	4.592	1086	1089	1092	rBV2	289	191	0.15%	0.036%
19	4.646	1103	1106	1108	rBV	190	144	0.11%	0.027%
20	4.749	1135	1138	1142	rBV	239	171	0.13%	0.032%
21	4.814	1155	1158	1160	rBV	215	105	0.08%	0.020%
22	4.897	1182	1184	1186	rVB	150	64	0.05%	0.012%
23	4.952	1198	1201	1207	rBV2	175	140	0.11%	0.026%
24	5.029	1223	1225	1228	rBV2	286	168	0.13%	0.031%
25	5.273	1298	1301	1306	rBV2	230	179	0.14%	0.034%
26	5.386	1334	1336	1339	rBV2	163	90	0.07%	0.017%
27	5.466	1358	1361	1362	rBV	129	74	0.06%	0.014%
28	5.666	1410	1423	1440	rBV	28858	59237	45.73%	11.104%
29	5.949	1508	1511	1516	rVB	216	167	0.13%	0.031%
30	6.006	1526	1529	1534	rVB	226	147	0.11%	0.028%
31	6.035	1534	1538	1540	rBV	184	110	0.08%	0.021%
32	6.064	1544	1547	1551	rBV2	226	164	0.13%	0.031%
33	6.119	1552	1564	1580	rBV4	20465	41890	32.34%	7.852%
34	6.238	1599	1601	1602	rBV4	245	79	0.06%	0.015%

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 Title : VOC Analysis

35	6.431	1658	1661	1662	rBV	256	91	0.07%	0.017%
36	6.498	1680	1682	1684	rBV	161	91	0.07%	0.017%
37	6.553	1696	1699	1700	rBV	207	97	0.07%	0.018%
38	6.685	1737	1740	1742	rBV2	161	115	0.09%	0.022%
39	6.814	1778	1780	1783	rVB	144	80	0.06%	0.015%
40	6.839	1783	1788	1792	rBV	227	204	0.16%	0.038%
41	6.859	1792	1794	1796	rVB	164	66	0.05%	0.012%
42	6.929	1815	1816	1820	rVB	198	70	0.05%	0.013%
43	6.955	1822	1824	1826	rVB	160	71	0.05%	0.013%
44	6.984	1831	1833	1838	rVV2	132	112	0.09%	0.021%
45	7.032	1838	1848	1862	rVV4	9198	16430	12.68%	3.080%
46	7.209	1900	1903	1906	rBV2	235	128	0.10%	0.024%
47	7.270	1919	1922	1927	rVB2	272	215	0.17%	0.040%
48	7.302	1927	1932	1934	rBV	108	91	0.07%	0.017%
49	7.322	1934	1938	1939	rBV	204	146	0.11%	0.027%
50	7.363	1941	1951	1971	rVV	39567	70080	54.10%	13.137%
51	7.598	2020	2024	2026	rBV	247	186	0.14%	0.035%
52	7.669	2036	2046	2060	rBV2	6303	10088	7.79%	1.891%
53	7.788	2080	2083	2086	rVB2	248	175	0.14%	0.033%
54	7.952	2129	2134	2136	rBV2	227	216	0.17%	0.040%
55	8.029	2155	2158	2161	rBV	295	145	0.11%	0.027%
56	8.077	2172	2173	2174	rBV	227	74	0.06%	0.014%
57	8.135	2182	2191	2206	rBV3	6107	14005	10.81%	2.625%
58	8.286	2236	2238	2239	rBV	241	71	0.05%	0.013%
59	8.357	2259	2260	2263	rBV	251	123	0.09%	0.023%
60	8.460	2290	2292	2293	rBV	158	63	0.05%	0.012%
61	8.473	2293	2296	2299	rVB	260	161	0.12%	0.030%
62	8.489	2299	2301	2303	rBV	156	73	0.06%	0.014%
63	8.502	2303	2305	2307	rBV	124	74	0.06%	0.014%
64	8.595	2332	2334	2335	rBV	183	61	0.05%	0.011%
65	8.813	2399	2402	2403	rBV	180	81	0.06%	0.015%
66	8.836	2407	2409	2411	rVB	245	97	0.07%	0.018%
67	8.897	2417	2428	2454	rBV	39603	69134	53.37%	12.959%
68	9.145	2501	2505	2509	rVB2	345	243	0.19%	0.046%
69	9.238	2530	2534	2538	rBV	279	268	0.21%	0.050%
70	9.257	2538	2540	2544	rVV2	388	231	0.18%	0.043%
71	9.296	2548	2552	2557	rVB	253	238	0.18%	0.045%

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72	9.321	2558	2560	2562	rBV	182	80	0.06%	0.015%
73	9.463	2603	2604	2606	rVB	223	85	0.07%	0.016%
74	9.553	2630	2632	2635	rBV2	163	94	0.07%	0.018%
75	9.791	2703	2706	2712	rBV3	461	453	0.35%	0.085%
76	9.952	2744	2756	2768	rBV2	78727	129548	100.00%	24.284%
77	10.064	2790	2791	2795	rBV	124	60	0.05%	0.011%
78	10.087	2795	2798	2800	rBV	192	117	0.09%	0.022%
79	10.151	2816	2818	2821	rBV	162	82	0.06%	0.015%
80	10.228	2834	2842	2845	rBV3	7144	9356	7.22%	1.754%
81	10.376	2887	2888	2891	rVV	233	97	0.07%	0.018%
82	10.402	2893	2896	2898	rVB2	147	83	0.06%	0.016%
83	10.559	2942	2945	2947	rBV	224	125	0.10%	0.023%
84	10.891	3046	3048	3051	rBV	179	85	0.07%	0.016%
85	10.932	3059	3061	3062	rBV	168	68	0.05%	0.013%
86	10.993	3069	3080	3086	rBV6	3609	5394	4.16%	1.011%
87	11.119	3117	3119	3125	rVB2	458	251	0.19%	0.047%
88	11.161	3125	3132	3137	rBV	175	259	0.20%	0.049%
89	11.215	3147	3149	3150	rBV	219	90	0.07%	0.017%
90	11.238	3150	3156	3164	rVB7	3153	4238	3.27%	0.794%
91	11.299	3164	3175	3188	rBV2	25722	45034	34.76%	8.442%
92	11.505	3236	3239	3242	rBV	253	101	0.08%	0.019%
93	11.675	3283	3292	3308	rBV	25755	41905	32.35%	7.855%
94	11.836	3336	3342	3354	rVB3	1366	1498	1.16%	0.281%
95	12.090	3420	3421	3424	rVB	305	125	0.10%	0.023%
96	12.125	3427	3432	3435	rBV2	228	217	0.17%	0.041%
97	12.604	3579	3581	3589	rVB2	283	235	0.18%	0.044%
98	12.662	3596	3599	3601	rBV2	279	195	0.15%	0.037%
99	12.845	3653	3656	3659	rBV	182	93	0.07%	0.017%
100	13.379	3820	3822	3824	rBV	286	104	0.08%	0.019%

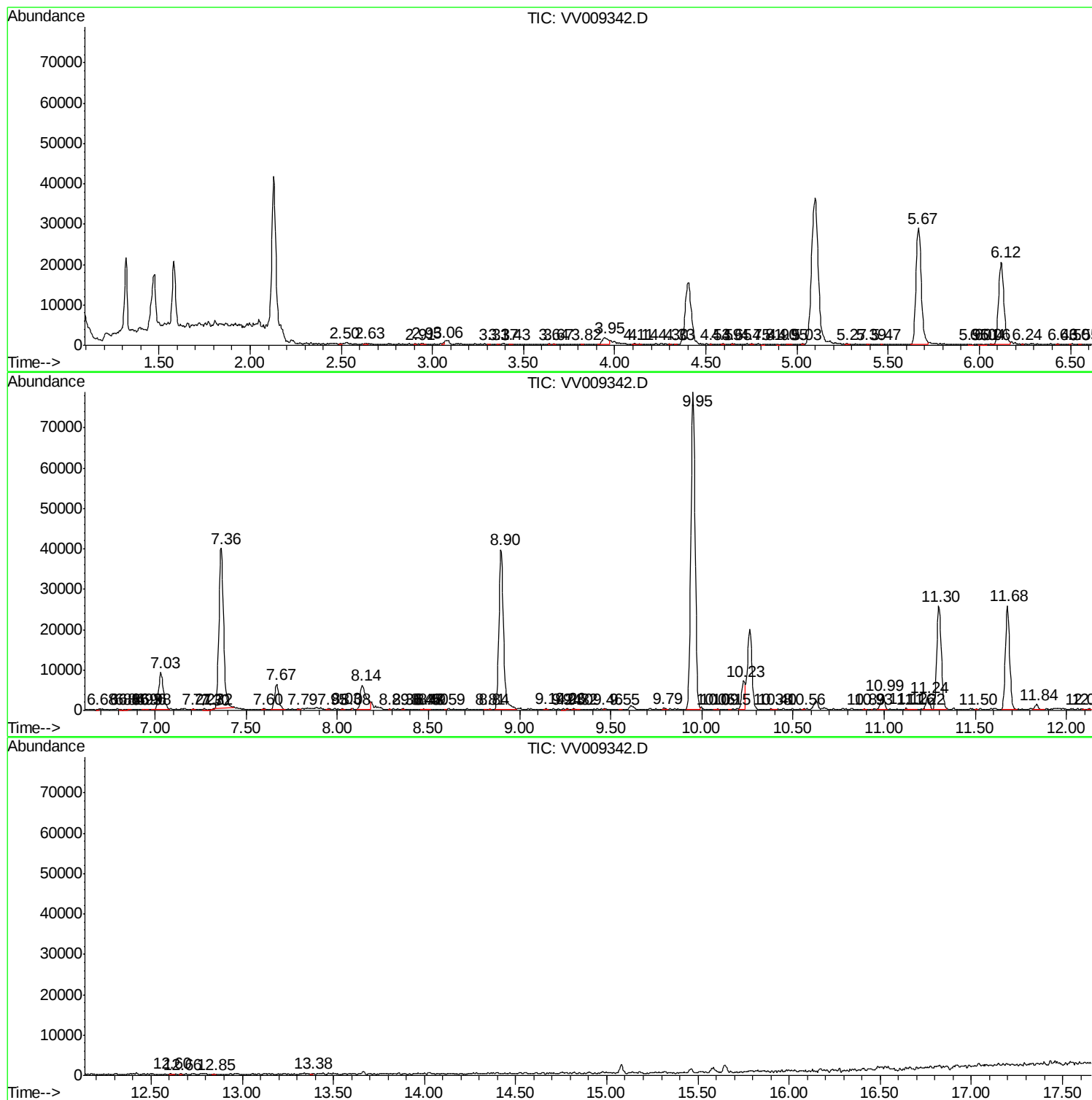
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

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



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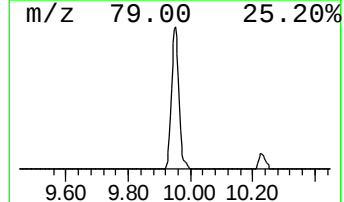
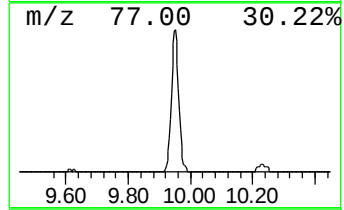
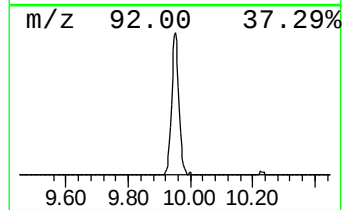
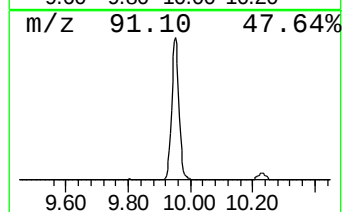
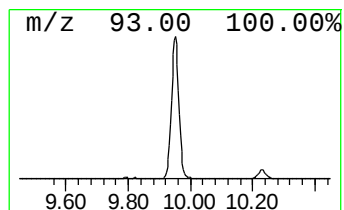
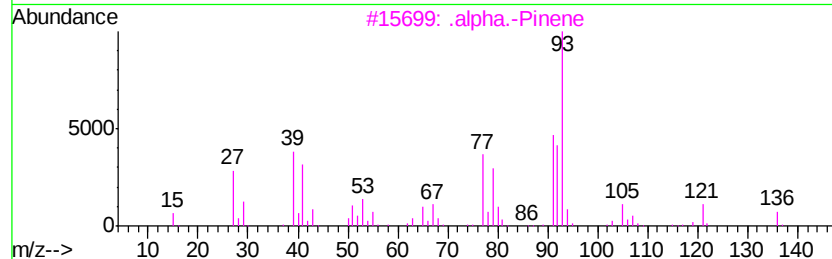
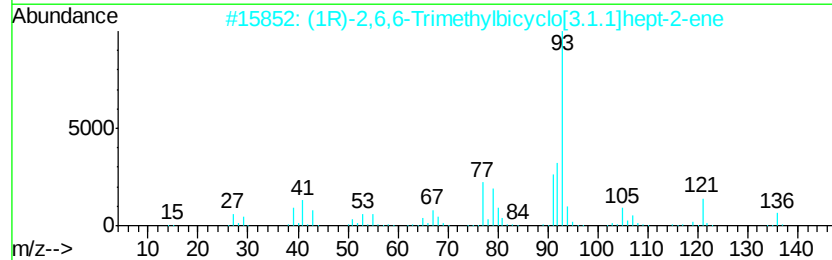
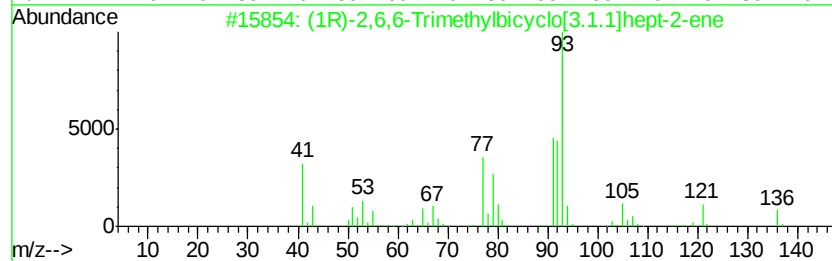
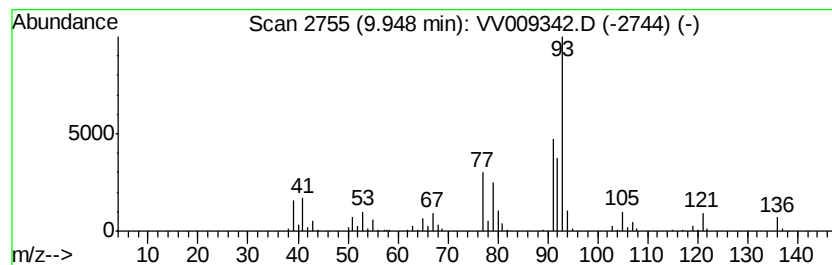
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	46.85 ug/L	129548	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91



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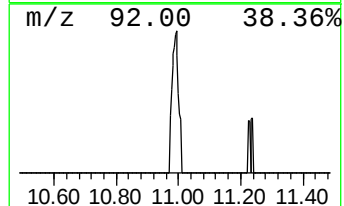
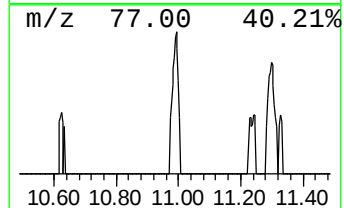
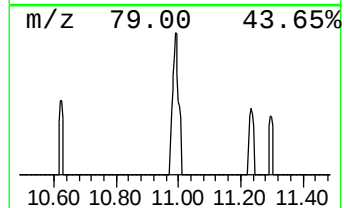
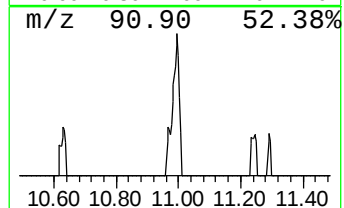
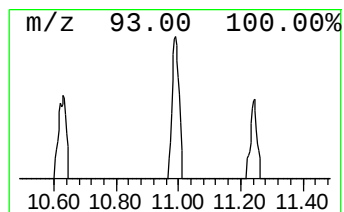
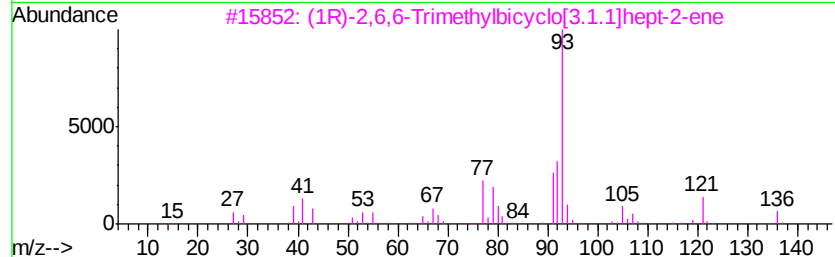
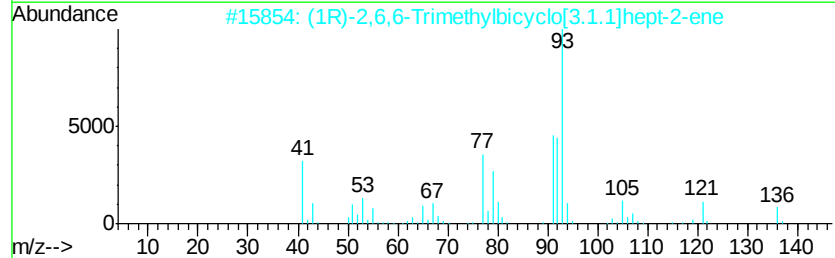
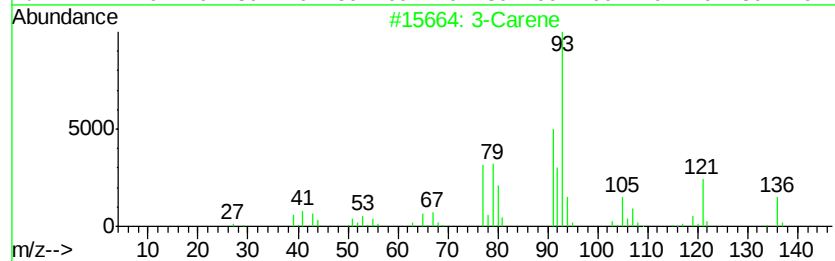
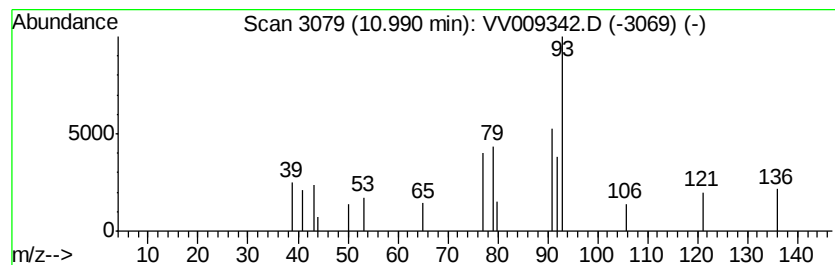
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Quant Title : VOC Analysis

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

Peak Number 3 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	2.99 ug/L	5394	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Carene		136 C10H16	013466-78-9 90
2	(1R)-2,6,6-Trimethylbicyclo[3.1....		136 C10H16	007785-70-8 87
3	(1R)-2,6,6-Trimethylbicyclo[3.1....		136 C10H16	007785-70-8 86
4	trans-.beta.-Ocimene		136 C10H16	003779-61-1 78
5	Cyclopropane, 1,1-dimethyl-2-(3-...		136 C10H16	068998-21-0 78



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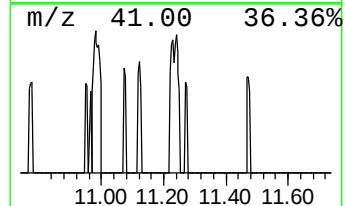
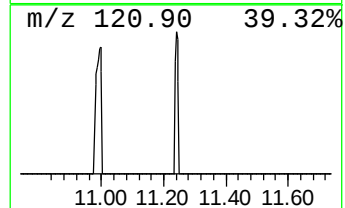
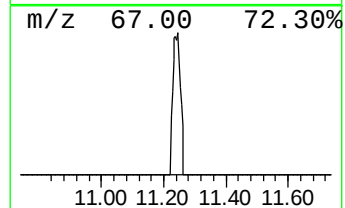
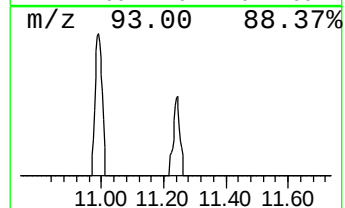
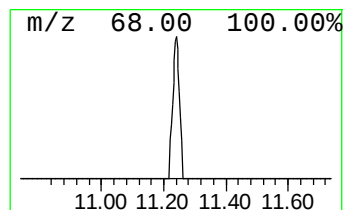
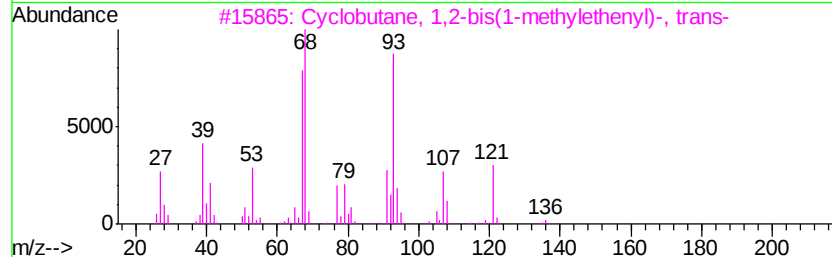
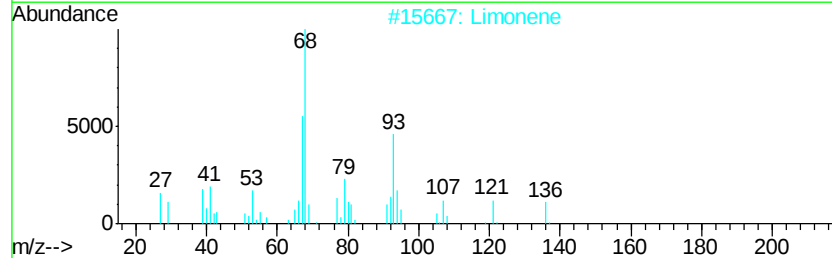
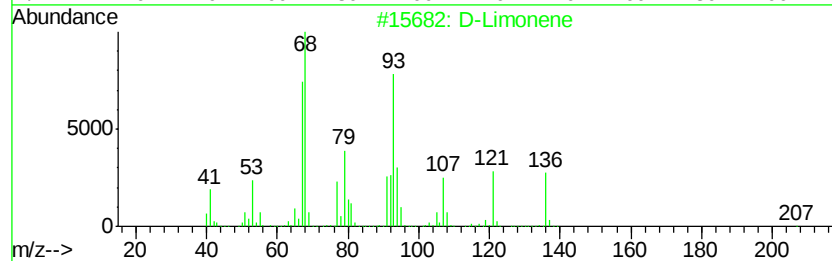
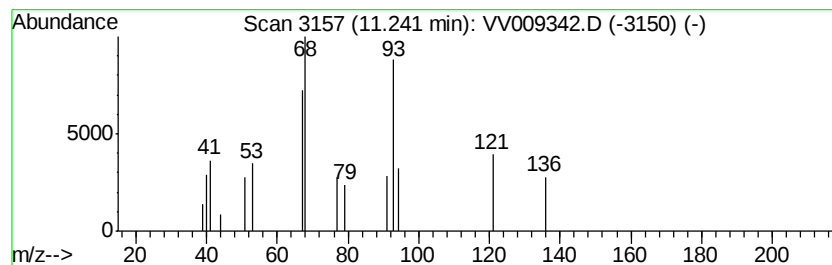
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Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.35 ug/L	4238	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	94
2	Limonene		136	C10H16	000138-86-3	90
3	Cyclobutane, 1,2-bis(1-methyleth...		136	C10H16	019465-02-2	78
4	D-Limonene		136	C10H16	005989-27-5	74
5	D-Limonene		136	C10H16	005989-27-5	72



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Acq On : 22 Feb 2019 21:10
Operator : SY/MD
Sample : K1579-15
Misc : 7.79G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB610

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.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
(1R)-2,6,6-Trimet...	9.95	46.9	ug/L	129548	2	8.90	69134	25.0
3-Carene	10.99	3.0	ug/L	5394	3	11.30	45034	25.0
D-Limonene	11.24	2.4	ug/L	4238	3	11.30	45034	25.0