

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014292.D
 Acq On : 10 Dec 2019 19:48
 Operator : SY/VA
 Sample : K6172-17
 Misc : 4.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C15

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\SOM2WLM120519S.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	1.953	5	8	24	rVB3	21409	60172	1.67%	0.264%
2	2.160	36	42	48	rBV3	16348	44931	1.25%	0.197%
3	2.349	67	73	83	rBV	311779	552385	15.37%	2.423%
4	2.885	154	161	177	rVB	213178	516213	14.37%	2.264%
5	3.379	239	242	244	rBV3	2157	2332	0.06%	0.010%
6	3.580	273	275	278	rVB4	916	898	0.02%	0.004%
7	3.824	313	315	317	rBV3	1194	1102	0.03%	0.005%
8	3.849	317	319	321	rBV3	811	973	0.03%	0.004%
9	3.916	328	330	333	rVB3	1027	958	0.03%	0.004%
10	4.013	333	346	358	rBV	383281	1242004	34.57%	5.448%
11	4.196	372	376	387	rVB4	10973	28908	0.80%	0.127%
12	4.275	387	389	392	rVB4	1478	1319	0.04%	0.006%
13	4.391	400	408	417	rBV6	4825	14833	0.41%	0.065%
14	4.599	437	442	443	rBV2	1707	1706	0.05%	0.007%
15	4.903	482	492	508	rVV6	17103	67772	1.89%	0.297%
16	5.263	548	551	553	rBV2	935	1056	0.03%	0.005%
17	5.428	576	578	580	rVB2	1210	935	0.03%	0.004%
18	5.452	580	582	584	rBV2	768	839	0.02%	0.004%
19	5.623	607	610	612	rBV3	857	953	0.03%	0.004%
20	5.928	652	660	661	rBV5	4582	8353	0.23%	0.037%
21	6.196	701	704	707	rVB3	590	895	0.02%	0.004%
22	6.293	715	720	724	rBV3	985	2034	0.06%	0.009%
23	6.324	724	725	729	rVB3	833	914	0.03%	0.004%
24	6.495	752	753	757	rBV3	680	859	0.02%	0.004%
25	6.537	759	760	764	rVB3	748	833	0.02%	0.004%
26	6.714	788	789	795	rVB3	1032	1365	0.04%	0.006%
27	6.763	795	797	800	rBV2	966	982	0.03%	0.004%
28	6.873	811	815	816	rBV3	706	917	0.03%	0.004%
29	7.074	838	848	853	rBV	88647	250320	6.97%	1.098%
30	7.299	883	885	887	rVB3	1122	857	0.02%	0.004%
31	7.342	887	892	895	rBV5	806	1174	0.03%	0.005%
32	7.421	903	905	906	rBV	1151	873	0.02%	0.004%
33	7.519	919	921	922	rBV2	1224	1218	0.03%	0.005%
34	7.641	931	941	960	rBV	611808	1500254	41.75%	6.581%

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35	7.878	977	980	982	rVV3	1095	1537	0.04%	0.007%
36	7.946	984	991	999	rVV9	4180	10823	0.30%	0.047%
37	8.141	1020	1023	1025	rBV2	1338	1312	0.04%	0.006%
38	8.275	1032	1045	1061	rBV2	1256450	3593008	100.00%	15.761%
39	8.689	1109	1113	1115	rBV4	2178	3177	0.09%	0.014%
40	8.842	1128	1138	1151	rBV	1113824	2235974	62.23%	9.808%
41	9.073	1170	1176	1181	rVB9	3872	7955	0.22%	0.035%
42	9.116	1181	1183	1188	rVB5	926	1108	0.03%	0.005%
43	9.171	1188	1192	1196	rVB5	1232	2034	0.06%	0.009%
44	9.268	1196	1208	1217	rBV	847826	1728221	48.10%	7.581%
45	9.506	1245	1247	1250	rVV4	909	889	0.02%	0.004%
46	9.640	1267	1269	1271	rBV3	1136	1277	0.04%	0.006%
47	9.665	1271	1273	1279	rVB6	2305	2764	0.08%	0.012%
48	9.762	1287	1289	1291	rBV3	1229	919	0.03%	0.004%
49	9.909	1312	1313	1315	rVB2	1550	832	0.02%	0.004%
50	10.031	1326	1333	1345	rVV	318461	585657	16.30%	2.569%
51	10.128	1347	1349	1356	rVB7	4214	6352	0.18%	0.028%
52	10.207	1356	1362	1368	rBV4	7405	15190	0.42%	0.067%
53	10.323	1373	1381	1388	rBV	1526917	2676970	74.50%	11.743%
54	10.573	1416	1422	1430	rBV	187501	330092	9.19%	1.448%
55	10.701	1437	1443	1450	rVB3	62679	113629	3.16%	0.498%
56	10.756	1450	1452	1453	rBV2	2338	2327	0.06%	0.010%
57	10.921	1473	1479	1496	rBV	319837	585498	16.30%	2.568%
58	11.061	1496	1502	1514	rVB	47941	86770	2.41%	0.381%
59	11.439	1558	1564	1571	rVB	49339	82430	2.29%	0.362%
60	11.518	1575	1577	1580	rBV4	2153	2764	0.08%	0.012%
61	11.628	1587	1595	1608	rVB	1243014	2073651	57.71%	9.096%
62	11.829	1624	1628	1633	rBV8	4431	8961	0.25%	0.039%
63	11.939	1644	1646	1649	rBV4	1603	2051	0.06%	0.009%
64	12.018	1657	1659	1661	rBV2	1655	1850	0.05%	0.008%
65	12.128	1675	1677	1678	rBV2	1535	1353	0.04%	0.006%
66	12.177	1679	1685	1687	rVV5	3061	6737	0.19%	0.030%
67	12.365	1711	1716	1723	rVB2	21820	38425	1.07%	0.169%
68	12.469	1727	1733	1739	rBV	55975	93987	2.62%	0.412%
69	12.603	1749	1755	1762	rBV	113618	191465	5.33%	0.840%
70	12.689	1762	1769	1781	rBV2	514560	1152470	32.08%	5.055%
71	12.932	1802	1809	1818	rBV5	30148	82170	2.29%	0.360%

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Integration Parameters: LSCINT.P

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72	13.042	1820	1827	1839	rVB2	136191	250848	6.98%	1.100%
73	13.158	1844	1846	1848	rBV3	1478	1563	0.04%	0.007%
74	13.292	1863	1868	1874	rVB2	16876	27358	0.76%	0.120%
75	13.359	1876	1879	1881	rBV4	1785	2160	0.06%	0.009%
76	13.408	1883	1887	1891	rVV5	3714	5089	0.14%	0.022%
77	13.469	1891	1897	1905	rVV5	27335	58545	1.63%	0.257%
78	13.554	1905	1911	1923	rVB	623510	1026856	28.58%	4.504%
79	13.707	1934	1936	1937	rBV2	1940	1797	0.05%	0.008%
80	13.755	1941	1944	1948	rBV5	3861	5564	0.15%	0.024%
81	13.792	1948	1950	1953	rBV3	2816	3589	0.10%	0.016%
82	13.853	1953	1960	1967	rBV	734076	1222762	34.03%	5.364%
83	13.987	1980	1982	1984	rBV3	2337	2088	0.06%	0.009%
84	14.073	1990	1996	2002	rVB	29565	53548	1.49%	0.235%
85	14.322	2034	2037	2042	rBV4	6039	11052	0.31%	0.048%
86	14.499	2063	2066	2069	rBV4	2482	4297	0.12%	0.019%
87	14.670	2091	2094	2096	rBV4	1949	2344	0.07%	0.010%
88	14.725	2099	2103	2106	rVB5	2723	3923	0.11%	0.017%
89	14.816	2116	2118	2119	rBV2	2026	1194	0.03%	0.005%
90	15.170	2174	2176	2179	rBV4	1874	1963	0.05%	0.009%
91	15.334	2202	2203	2206	rVB3	1456	919	0.03%	0.004%
92	15.377	2206	2210	2211	rBV4	2013	2868	0.08%	0.013%
93	15.438	2211	2220	2225	rVV4	22789	42184	1.17%	0.185%
94	15.773	2270	2275	2277	rBV6	2587	4939	0.14%	0.022%
95	16.036	2314	2318	2325	rVB6	3929	7779	0.22%	0.034%
96	16.200	2343	2345	2348	rBV4	1418	1564	0.04%	0.007%
97	16.395	2375	2377	2379	rBV3	1514	1195	0.03%	0.005%
98	16.505	2393	2395	2396	rBV2	1546	900	0.03%	0.004%
99	16.645	2416	2418	2419	rBV2	1311	1063	0.03%	0.005%
100	16.749	2433	2435	2438	rVB4	1992	2104	0.06%	0.009%

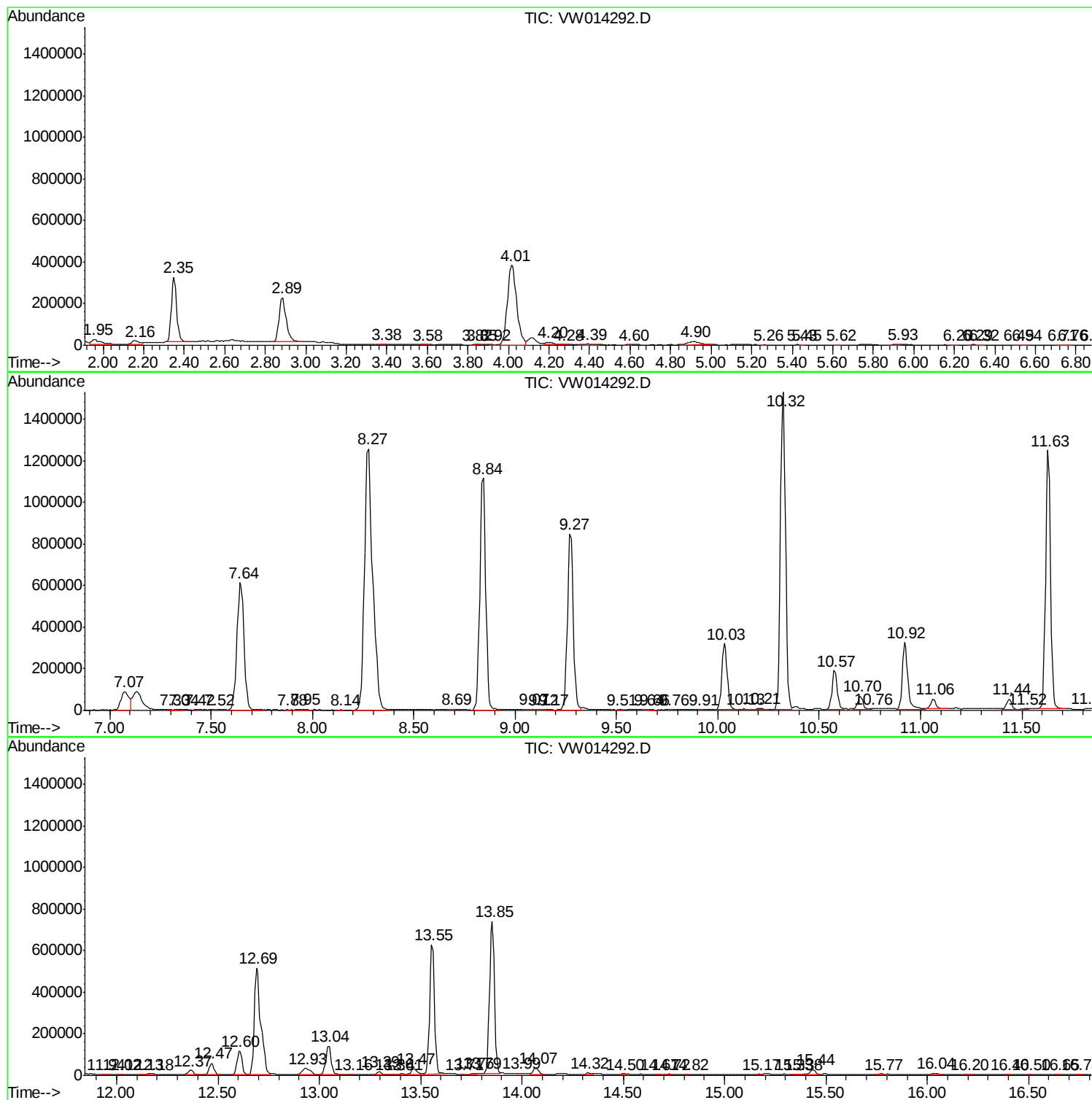
Sum of corrected areas: 22796821

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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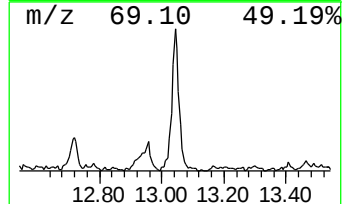
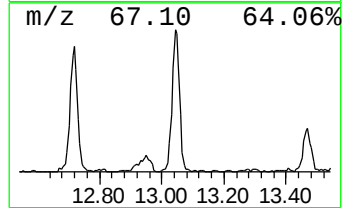
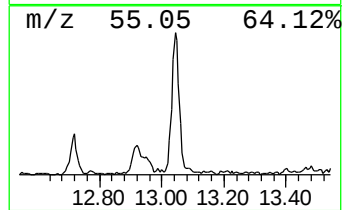
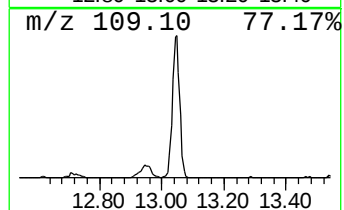
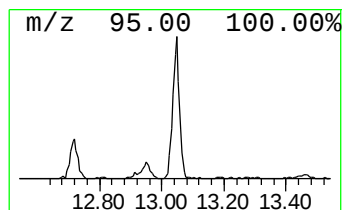
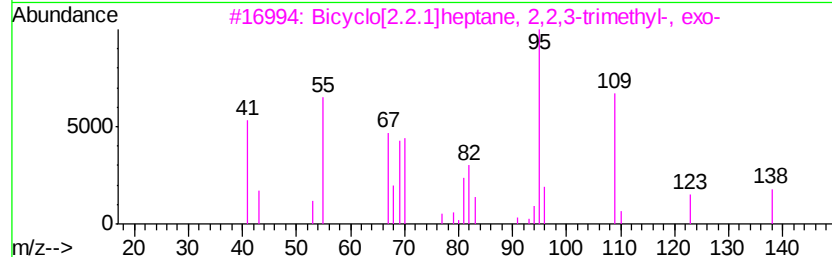
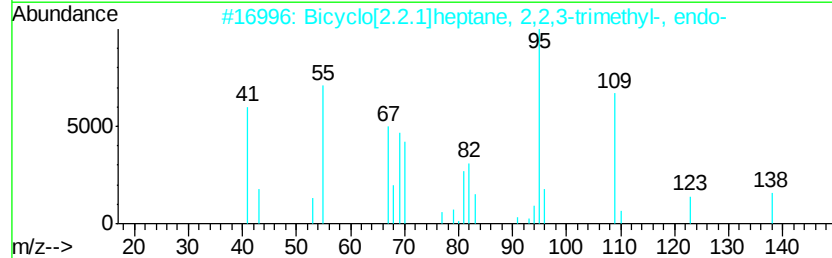
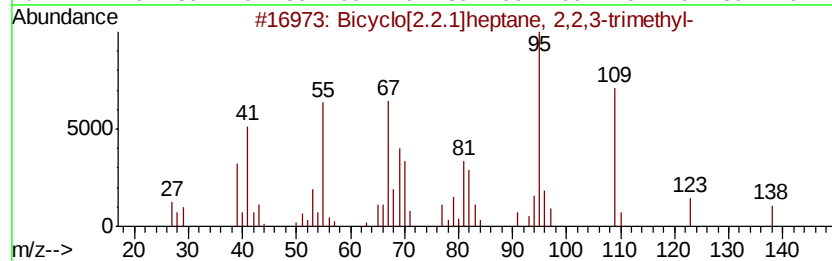
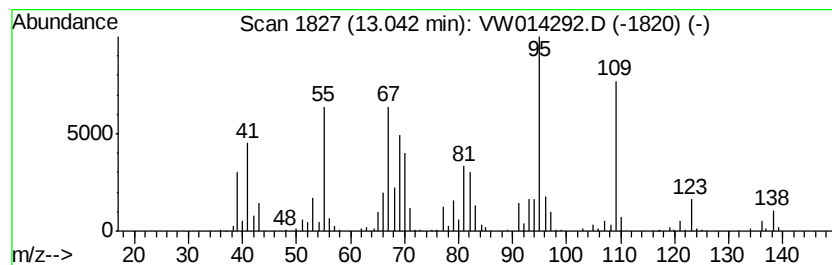
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	6.11 ug/L	250848	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicvclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	98
2	Bicvclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	93
3	Bicvclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	49
4	Cvclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	38
5	2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	30



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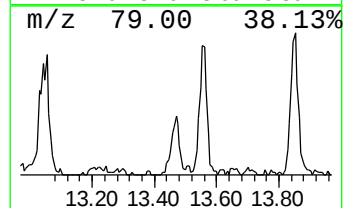
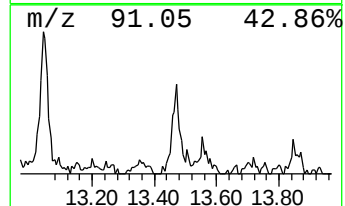
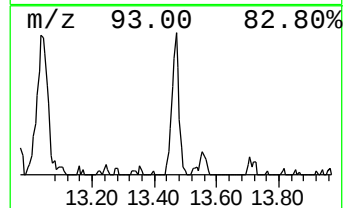
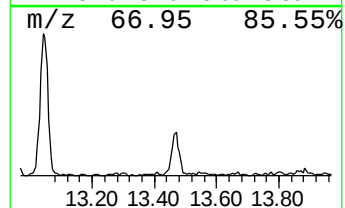
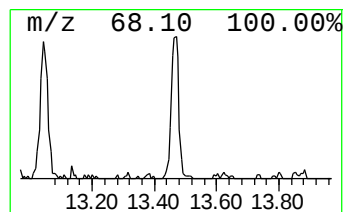
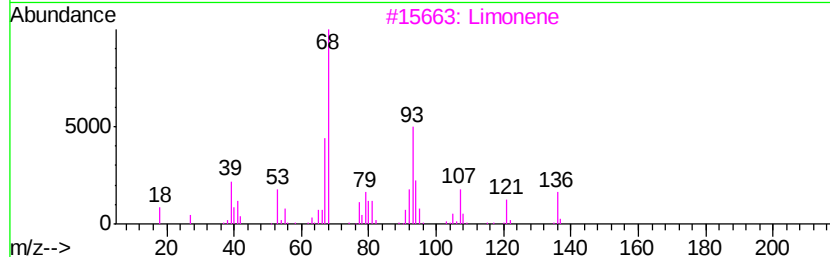
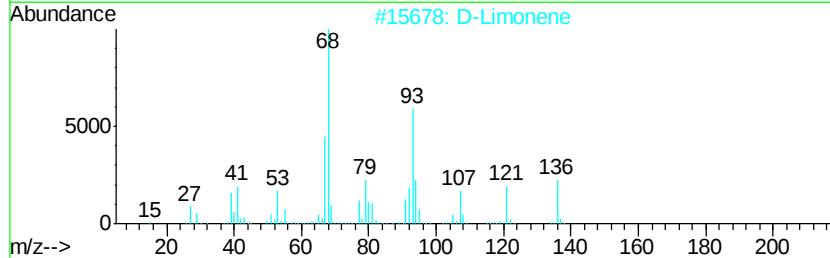
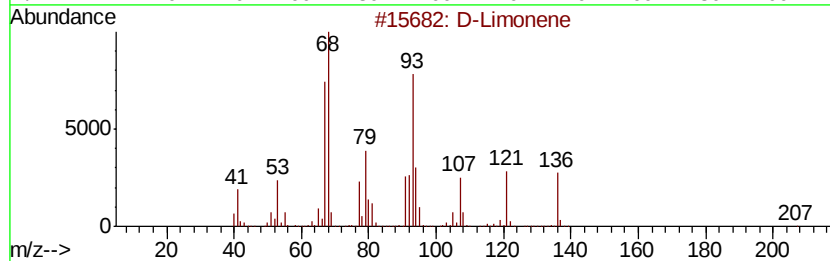
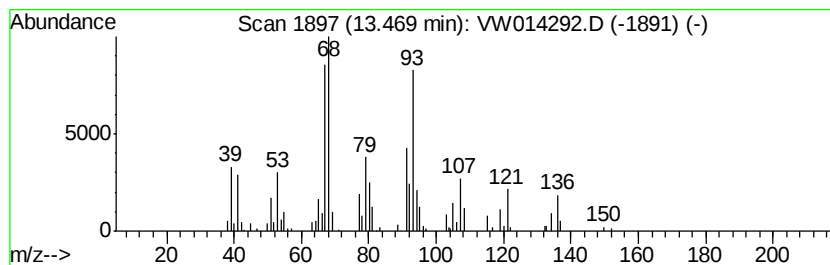
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Peak Number 6 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.43 ug/L	58545	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	93
2		D-Limonene	136	C10H16	005989-27-5	89
3		Limonene	136	C10H16	000138-86-3	70
4		Limonene	136	C10H16	000138-86-3	70
5		D-Limonene	136	C10H16	005989-27-5	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[2.2.1]hep...	13.04	6.1	ug/L	250848	3	13.55	1026860	25.0
D-Limonene	13.47	1.4	ug/L	58545	3	13.55	1026860	25.0