

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004922.D
 Acq On : 24 Aug 2018 03:14
 Operator : SY/AP
 Sample : J4628-16
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3G1

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\SOM2WLM082218S.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	1.618	3	5	8	rBV3	468	515	0.01%	0.002%
2	1.794	28	34	52	rBV	5043655	8290173	100.00%	34.437%
3	2.349	120	125	135	rVB	270058	417800	5.04%	1.736%
4	2.886	207	213	224	rVB	193797	370105	4.46%	1.537%
5	3.276	271	277	283	rVB4	3656	7653	0.09%	0.032%
6	3.562	319	324	325	rBV4	565	737	0.01%	0.003%
7	3.587	325	328	330	rVV2	673	775	0.01%	0.003%
8	3.617	330	333	335	rVB3	1026	1191	0.01%	0.005%
9	3.660	338	340	343	rBV4	553	632	0.01%	0.003%
10	3.867	367	374	383	rVB6	3425	8807	0.11%	0.037%
11	3.940	383	386	388	rBV3	557	522	0.01%	0.002%
12	4.020	388	399	411	rBV	263716	696401	8.40%	2.893%
13	4.148	414	420	429	rVV3	10926	32413	0.39%	0.135%
14	4.239	433	435	439	rBV4	496	673	0.01%	0.003%
15	4.361	452	455	456	rVB2	714	622	0.01%	0.003%
16	4.385	456	459	461	rBV3	791	1064	0.01%	0.004%
17	4.416	461	464	469	rVB4	859	1293	0.02%	0.005%
18	4.550	484	486	489	rVB3	554	503	0.01%	0.002%
19	4.623	495	498	499	rVB2	773	508	0.01%	0.002%
20	4.647	499	502	505	rBV3	557	883	0.01%	0.004%
21	4.769	519	522	524	rBV2	517	521	0.01%	0.002%
22	4.861	534	537	538	rBV2	628	671	0.01%	0.003%
23	4.928	538	548	558	rVB3	11177	34499	0.42%	0.143%
24	5.934	708	713	714	rBV2	1382	1523	0.02%	0.006%
25	6.092	736	739	742	rBV2	459	711	0.01%	0.003%
26	6.281	768	770	774	rVV2	416	539	0.01%	0.002%
27	6.336	778	779	783	rBV3	587	766	0.01%	0.003%
28	6.373	783	785	789	rVB2	459	577	0.01%	0.002%
29	6.537	810	812	815	rVV3	524	609	0.01%	0.003%
30	6.684	835	836	839	rBV2	516	550	0.01%	0.002%
31	6.757	845	848	850	rVB3	574	511	0.01%	0.002%
32	6.793	850	854	856	rBV3	378	627	0.01%	0.003%
33	7.092	893	903	927	rBV	55253	183821	2.22%	0.764%
34	7.531	970	975	976	rBV3	817	946	0.01%	0.004%

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35	7.653	984	995	1016	rBV	299890	746959	9.01%	3.103%
36	7.933	1038	1041	1044	rBV2	425	576	0.01%	0.002%
37	7.964	1044	1046	1050	rVB3	665	743	0.01%	0.003%
38	8.287	1084	1099	1115	rBV2	642304	1903664	22.96%	7.908%
39	8.568	1143	1145	1148	rVB2	863	863	0.01%	0.004%
40	8.616	1148	1153	1154	rBV2	609	880	0.01%	0.004%
41	8.708	1163	1168	1175	rBV6	1234	3078	0.04%	0.013%
42	8.848	1182	1191	1208	rBV	604850	1233111	14.87%	5.122%
43	9.080	1226	1229	1233	rBV6	2571	4489	0.05%	0.019%
44	9.281	1253	1262	1272	rBV	416918	841226	10.15%	3.494%
45	9.391	1278	1280	1284	rVB4	906	1287	0.02%	0.005%
46	9.537	1302	1304	1307	rBV3	633	701	0.01%	0.003%
47	9.610	1313	1316	1318	rBV2	838	934	0.01%	0.004%
48	9.653	1321	1323	1325	rBV	849	872	0.01%	0.004%
49	9.677	1325	1327	1330	rVV2	966	1000	0.01%	0.004%
50	9.726	1333	1335	1340	rVB4	669	851	0.01%	0.004%
51	9.890	1361	1362	1365	rVB3	600	556	0.01%	0.002%
52	10.043	1378	1387	1396	rBV	190660	351456	4.24%	1.460%
53	10.329	1425	1434	1455	rBV	1026964	1857695	22.41%	7.717%
54	10.585	1468	1476	1487	rBV	135627	237883	2.87%	0.988%
55	10.744	1490	1502	1513	rBV4	41620	172308	2.08%	0.716%
56	10.866	1520	1522	1526	rBV4	1727	1281	0.02%	0.005%
57	10.933	1526	1533	1543	rBV	278548	491098	5.92%	2.040%
58	11.195	1575	1576	1577	rVV	1101	551	0.01%	0.002%
59	11.213	1577	1579	1580	rVV	796	723	0.01%	0.003%
60	11.287	1587	1591	1596	rVB5	660	1241	0.01%	0.005%
61	11.323	1596	1597	1602	rBV3	730	1134	0.01%	0.005%
62	11.421	1611	1613	1616	rVB3	763	875	0.01%	0.004%
63	11.482	1621	1623	1625	rVV3	772	497	0.01%	0.002%
64	11.634	1640	1648	1660	rBV	916175	1595485	19.25%	6.628%
65	11.719	1660	1662	1663	rVV2	1652	1606	0.02%	0.007%
66	11.738	1663	1665	1670	rVV4	2162	3008	0.04%	0.012%
67	11.829	1674	1680	1688	rVV8	3792	9709	0.12%	0.040%
68	12.006	1707	1709	1714	rVB3	851	1087	0.01%	0.005%
69	12.183	1734	1738	1739	rVB3	711	867	0.01%	0.004%
70	12.250	1746	1749	1751	rBV3	518	695	0.01%	0.003%
71	12.335	1759	1763	1765	rBV4	558	877	0.01%	0.004%

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72	12.372	1765	1769	1775	rVB5	2872	3843	0.05%	0.016%
73	12.475	1779	1786	1791	rBV5	4579	8788	0.11%	0.037%
74	12.530	1791	1795	1797	rBV3	2572	3459	0.04%	0.014%
75	12.622	1804	1810	1815	rBV	21056	35008	0.42%	0.145%
76	12.701	1815	1823	1830	rBV	397048	662256	7.99%	2.751%
77	12.762	1830	1833	1840	rVB5	2731	4681	0.06%	0.019%
78	12.847	1844	1847	1849	rVB3	1517	1753	0.02%	0.007%
79	12.926	1849	1860	1874	rBV2	440570	849338	10.25%	3.528%
80	13.055	1874	1881	1887	rBV2	112435	187359	2.26%	0.778%
81	13.201	1902	1905	1906	rBV3	1225	1392	0.02%	0.006%
82	13.304	1920	1922	1923	rBV2	606	560	0.01%	0.002%
83	13.372	1929	1933	1934	rBV2	993	1112	0.01%	0.005%
84	13.414	1934	1940	1944	rVV6	4115	8462	0.10%	0.035%
85	13.506	1948	1955	1959	rVV	60214	96266	1.16%	0.400%
86	13.567	1959	1965	1972	rVV	806437	1294408	15.61%	5.377%
87	13.658	1976	1980	1987	rVB2	9964	15942	0.19%	0.066%
88	13.859	2005	2013	2025	rBV	777065	1266736	15.28%	5.262%
89	14.085	2045	2050	2055	rVB	12066	19917	0.24%	0.083%
90	14.237	2071	2075	2077	rBV5	913	1360	0.02%	0.006%
91	14.323	2086	2089	2090	rBV3	966	1057	0.01%	0.004%
92	14.444	2102	2109	2115	rBV	16625	28338	0.34%	0.118%
93	14.530	2121	2123	2125	rBV3	924	1046	0.01%	0.004%
94	14.664	2144	2145	2147	rVB2	1098	605	0.01%	0.003%
95	14.694	2147	2150	2153	rVB4	1580	1974	0.02%	0.008%
96	14.737	2153	2157	2160	rBV5	1188	2118	0.03%	0.009%
97	15.079	2210	2213	2219	rVB6	3392	5705	0.07%	0.024%
98	15.268	2242	2244	2247	rBV4	1192	1397	0.02%	0.006%
99	15.511	2278	2284	2292	rBV4	15299	36130	0.44%	0.150%
100	15.786	2328	2329	2330	rBV	1210	538	0.01%	0.002%

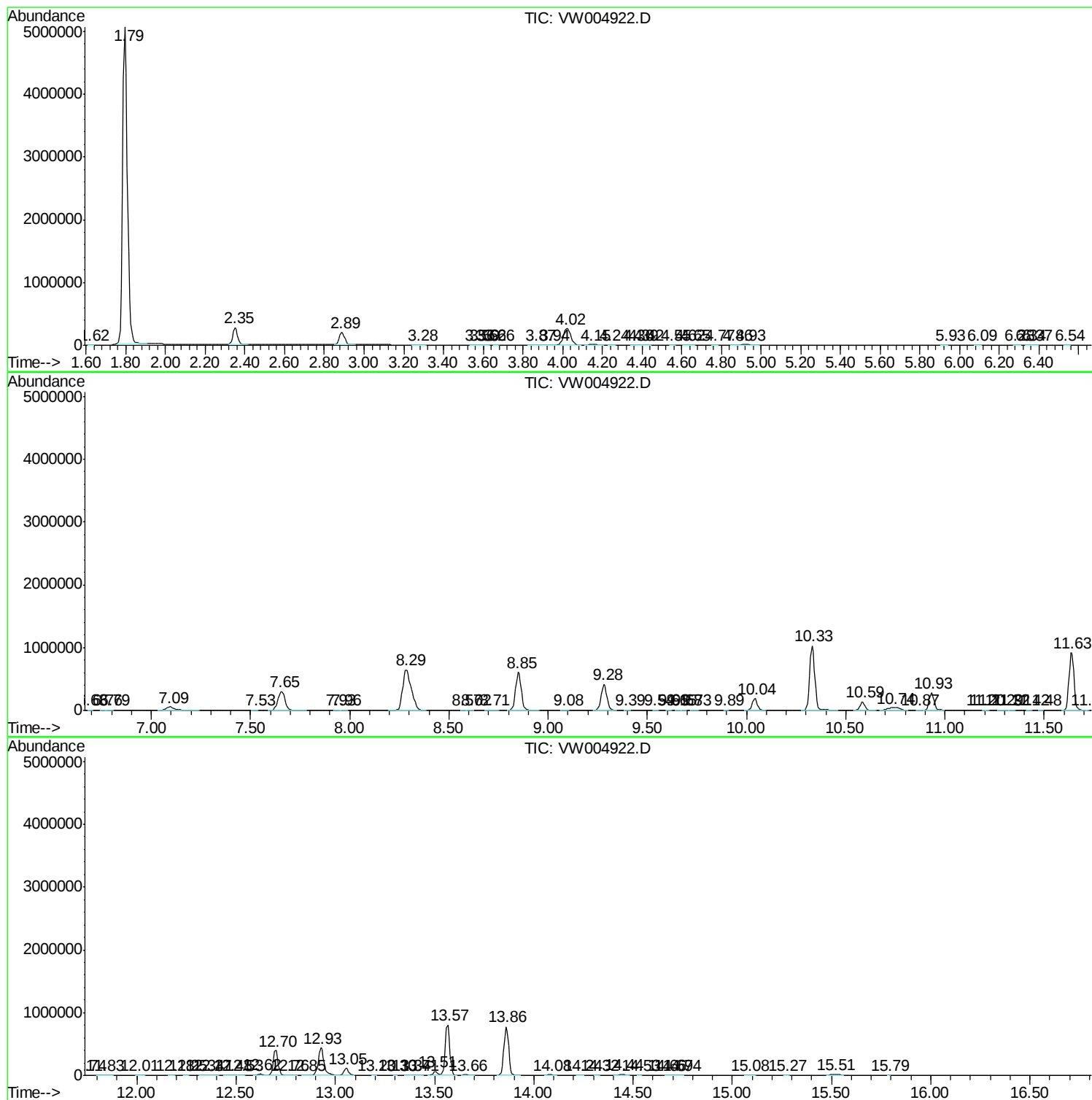
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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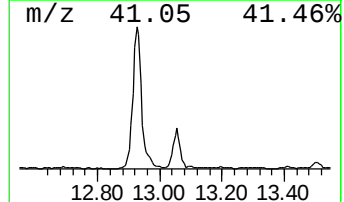
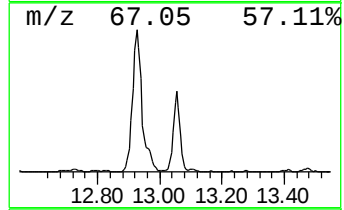
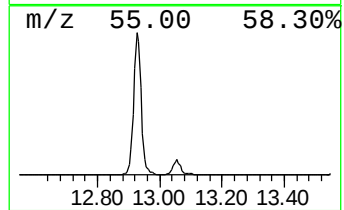
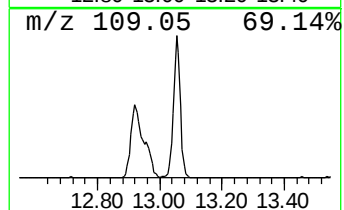
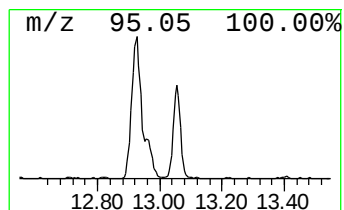
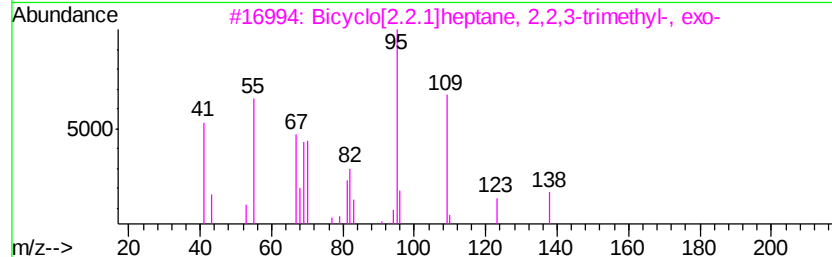
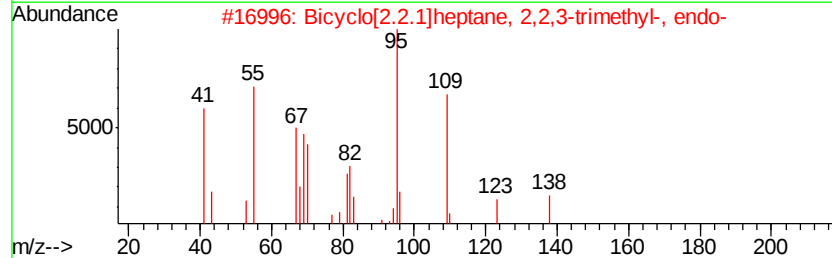
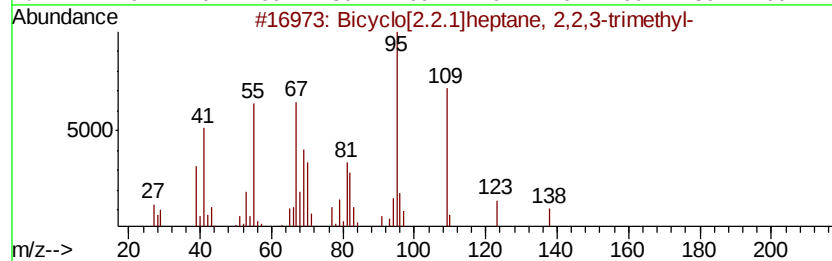
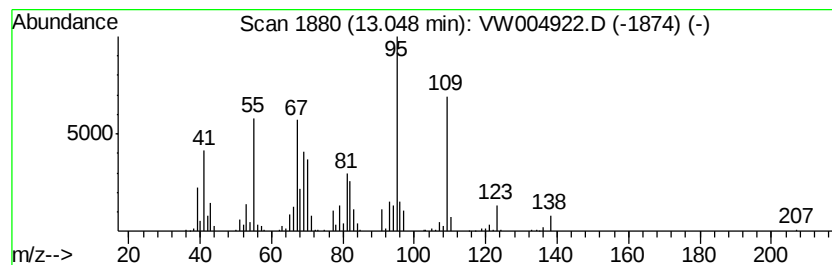
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.62 ug/L	187359	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	96
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	93
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	89
4		Cyclohexanone, 2-(1-methylethyl)-	138	C9H14O	013747-73-4	46
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	013828-34-7	43



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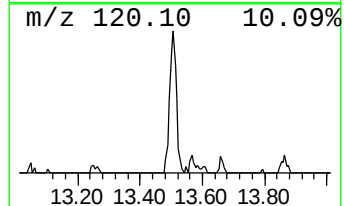
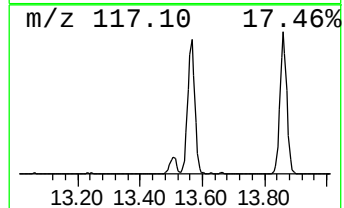
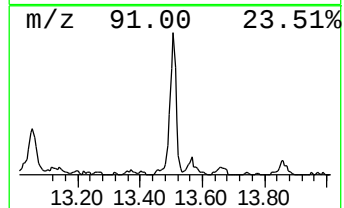
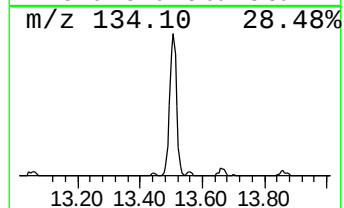
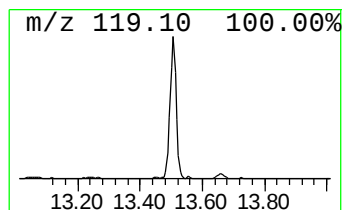
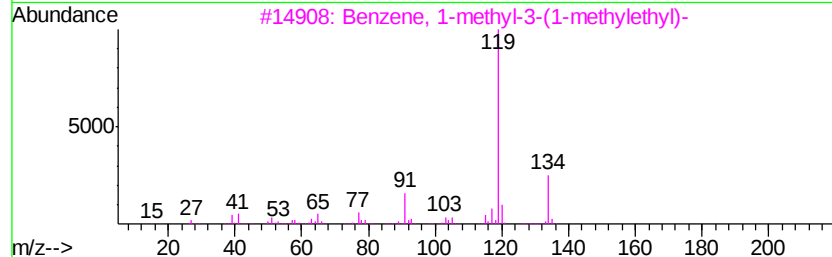
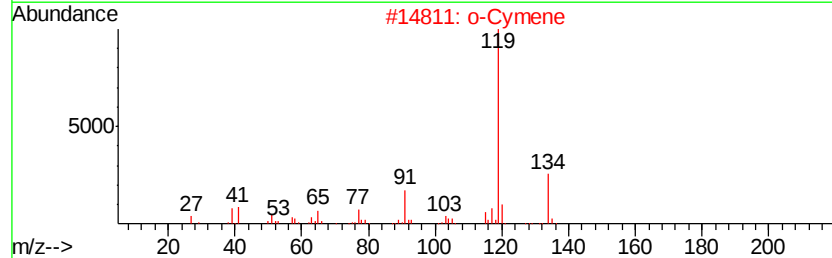
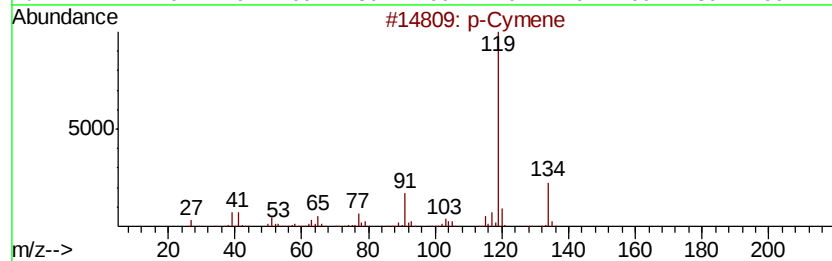
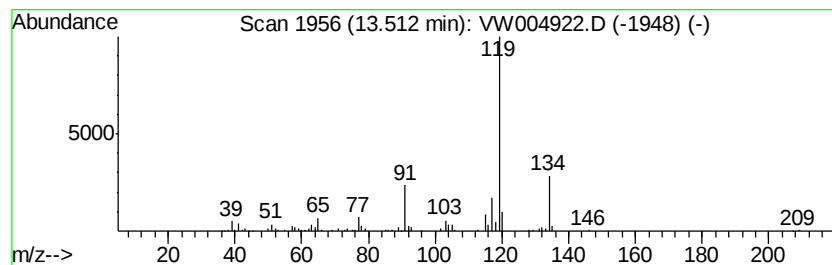
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Peak Number 6 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.86 ug/L	96266	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		p-Cymene	134	C10H14	000099-87-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	12.93	16.4	ug/L	849338	3	13.57	1294410	25.0
Bicyclo[2.2.1]hep...	13.05	3.6	ug/L	187359	3	13.57	1294410	25.0
p-Cymene	13.51	1.9	ug/L	96266	3	13.57	1294410	25.0