

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004056.D
 Acq On : 20 Jul 2018 01:17
 Operator : VA/AP
 Sample : J4023-07
 Misc : 7.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K8

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\SOM2WLM071818S.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	1.751	17	27	28	rBV	11913	22172	0.80%	0.202%
2	1.800	28	35	53	rVB	1155809	2773752	100.00%	25.252%
3	2.349	120	125	137	rVB	60819	106875	3.85%	0.973%
4	2.891	208	214	226	rVB	36892	91232	3.29%	0.831%
5	4.007	387	397	409	rBV	99466	292422	10.54%	2.662%
6	4.598	493	494	499	rVV3	376	357	0.01%	0.003%
7	4.641	499	501	504	rBV3	374	384	0.01%	0.003%
8	4.672	504	506	511	rVB3	477	720	0.03%	0.007%
9	4.763	519	521	524	rBV	368	378	0.01%	0.003%
10	4.903	534	544	559	rBV3	14498	49030	1.77%	0.446%
11	5.159	585	586	587	rBV	430	227	0.01%	0.002%
12	5.342	613	616	617	rBV2	285	249	0.01%	0.002%
13	5.525	644	646	648	rBV2	215	192	0.01%	0.002%
14	5.604	656	659	663	rBV3	278	378	0.01%	0.003%
15	5.696	671	674	676	rBV2	224	276	0.01%	0.003%
16	5.732	678	680	683	rVV3	208	204	0.01%	0.002%
17	5.781	683	688	692	rVB5	550	837	0.03%	0.008%
18	5.940	703	714	722	rBV4	4562	13687	0.49%	0.125%
19	6.208	756	758	759	rBV	288	202	0.01%	0.002%
20	6.391	784	788	790	rBV3	237	298	0.01%	0.003%
21	6.427	790	794	798	rVV3	307	418	0.02%	0.004%
22	6.580	817	819	821	rVB	301	218	0.01%	0.002%
23	6.732	841	844	849	rBV3	162	279	0.01%	0.003%
24	6.860	864	865	869	rBV2	247	330	0.01%	0.003%
25	6.964	880	882	884	rBV3	261	216	0.01%	0.002%
26	7.086	892	902	910	rBV	40527	115245	4.15%	1.049%
27	7.287	934	935	939	rBV3	309	342	0.01%	0.003%
28	7.372	946	949	951	rVB2	294	301	0.01%	0.003%
29	7.537	971	976	977	rBV4	915	1449	0.05%	0.013%
30	7.653	984	995	1007	rBV	176150	431924	15.57%	3.932%
31	7.738	1007	1009	1011	rVB2	509	368	0.01%	0.003%
32	7.836	1023	1025	1026	rBV2	235	191	0.01%	0.002%
33	7.921	1036	1039	1040	rBV2	311	249	0.01%	0.002%
34	8.061	1060	1062	1066	rVB	219	228	0.01%	0.002%

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35	8.098	1066	1068	1071	rVB2	336	362	0.01%	0.003%
36	8.153	1071	1077	1079	rBV3	496	1053	0.04%	0.010%
37	8.281	1087	1098	1112	rBV2	313614	966814	34.86%	8.802%
38	8.470	1126	1129	1132	rBV	417	391	0.01%	0.004%
39	8.567	1141	1145	1147	rBV2	358	577	0.02%	0.005%
40	8.622	1152	1154	1155	rBV	466	378	0.01%	0.003%
41	8.695	1160	1166	1167	rBV3	1213	1896	0.07%	0.017%
42	8.756	1174	1176	1179	rVB2	323	255	0.01%	0.002%
43	8.848	1181	1191	1204	rBV	354720	698988	25.20%	6.363%
44	8.994	1214	1215	1217	rBV	265	209	0.01%	0.002%
45	9.024	1218	1220	1221	rVV2	452	245	0.01%	0.002%
46	9.043	1221	1223	1227	rVV4	845	1230	0.04%	0.011%
47	9.073	1227	1228	1232	rVB3	864	1142	0.04%	0.010%
48	9.281	1253	1262	1276	rBV	240699	495052	17.85%	4.507%
49	9.457	1290	1291	1296	rVB2	812	1114	0.04%	0.010%
50	9.500	1296	1298	1301	rBV3	196	238	0.01%	0.002%
51	9.573	1308	1310	1315	rBV3	228	294	0.01%	0.003%
52	9.622	1315	1318	1321	rBV2	275	346	0.01%	0.003%
53	9.665	1321	1325	1326	rBV4	901	1088	0.04%	0.010%
54	9.762	1333	1341	1350	rVB3	8033	15492	0.56%	0.141%
55	9.835	1352	1353	1355	rBV	321	274	0.01%	0.002%
56	9.896	1355	1363	1371	rBV2	13871	27763	1.00%	0.253%
57	9.963	1371	1374	1378	rVB4	742	1090	0.04%	0.010%
58	10.037	1378	1386	1394	rBV	109617	203952	7.35%	1.857%
59	10.201	1411	1413	1414	rBV	362	278	0.01%	0.003%
60	10.250	1415	1421	1426	rVV2	4990	8394	0.30%	0.076%
61	10.329	1426	1434	1441	rBV	399947	692945	24.98%	6.308%
62	10.512	1459	1464	1468	rVB3	3770	6587	0.24%	0.060%
63	10.579	1468	1475	1487	rVB	77805	137329	4.95%	1.250%
64	10.695	1491	1494	1501	rBV6	2040	4013	0.14%	0.037%
65	10.933	1524	1533	1547	rBV	150305	265864	9.58%	2.420%
66	11.073	1554	1556	1559	rBV4	774	957	0.03%	0.009%
67	11.231	1581	1582	1583	rBV	416	220	0.01%	0.002%
68	11.305	1590	1594	1595	rBV	1108	1393	0.05%	0.013%
69	11.634	1642	1648	1657	rVB	495317	838605	30.23%	7.635%
70	11.713	1657	1661	1669	rVB	9909	17835	0.64%	0.162%
71	11.835	1678	1681	1687	rBV4	1848	3331	0.12%	0.030%

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72	12.219	1713	1744	1766	rBV3	187672	1098729	39.61%	10.003%
73	12.475	1781	1786	1792	rBV3	6339	10504	0.38%	0.096%
74	12.615	1805	1809	1814	rBV3	3736	6338	0.23%	0.058%
75	12.652	1814	1815	1816	rVV	839	557	0.02%	0.005%
76	12.701	1816	1823	1832	rVB	213841	357475	12.89%	3.254%
77	12.823	1840	1843	1847	rBV2	475	519	0.02%	0.005%
78	12.926	1853	1860	1870	rBV7	5300	14131	0.51%	0.129%
79	13.054	1876	1881	1887	rBV3	3278	5802	0.21%	0.053%
80	13.170	1896	1900	1902	rBV4	472	683	0.02%	0.006%
81	13.194	1902	1904	1905	rBV2	284	188	0.01%	0.002%
82	13.213	1905	1907	1909	rBV2	605	493	0.02%	0.004%
83	13.243	1910	1912	1915	rVV3	587	582	0.02%	0.005%
84	13.371	1932	1933	1935	rBV	290	265	0.01%	0.002%
85	13.390	1935	1936	1937	rBV	429	251	0.01%	0.002%
86	13.505	1944	1955	1959	rBV2	19009	32014	1.15%	0.291%
87	13.566	1959	1965	1974	rVV	383319	616914	22.24%	5.616%
88	13.658	1976	1980	1985	rVB5	1923	2883	0.10%	0.026%
89	13.725	1988	1991	1993	rBV2	813	767	0.03%	0.007%
90	13.859	2006	2013	2021	rBV	314986	517230	18.65%	4.709%
91	13.987	2032	2034	2037	rBV2	397	444	0.02%	0.004%
92	14.078	2045	2049	2056	rVB2	3436	6031	0.22%	0.055%
93	14.737	2153	2157	2161	rVB5	1739	2645	0.10%	0.024%
94	15.042	2206	2207	2210	rBV2	514	498	0.02%	0.005%
95	15.188	2229	2231	2235	rBV4	953	1110	0.04%	0.010%
96	15.572	2290	2294	2298	rVB4	1063	1841	0.07%	0.017%
97	15.932	2351	2353	2354	rBV	722	395	0.01%	0.004%
98	16.194	2394	2396	2400	rBV5	494	606	0.02%	0.006%
99	16.651	2469	2471	2472	rBV2	467	206	0.01%	0.002%
100	16.718	2480	2482	2487	rBV3	490	619	0.02%	0.006%

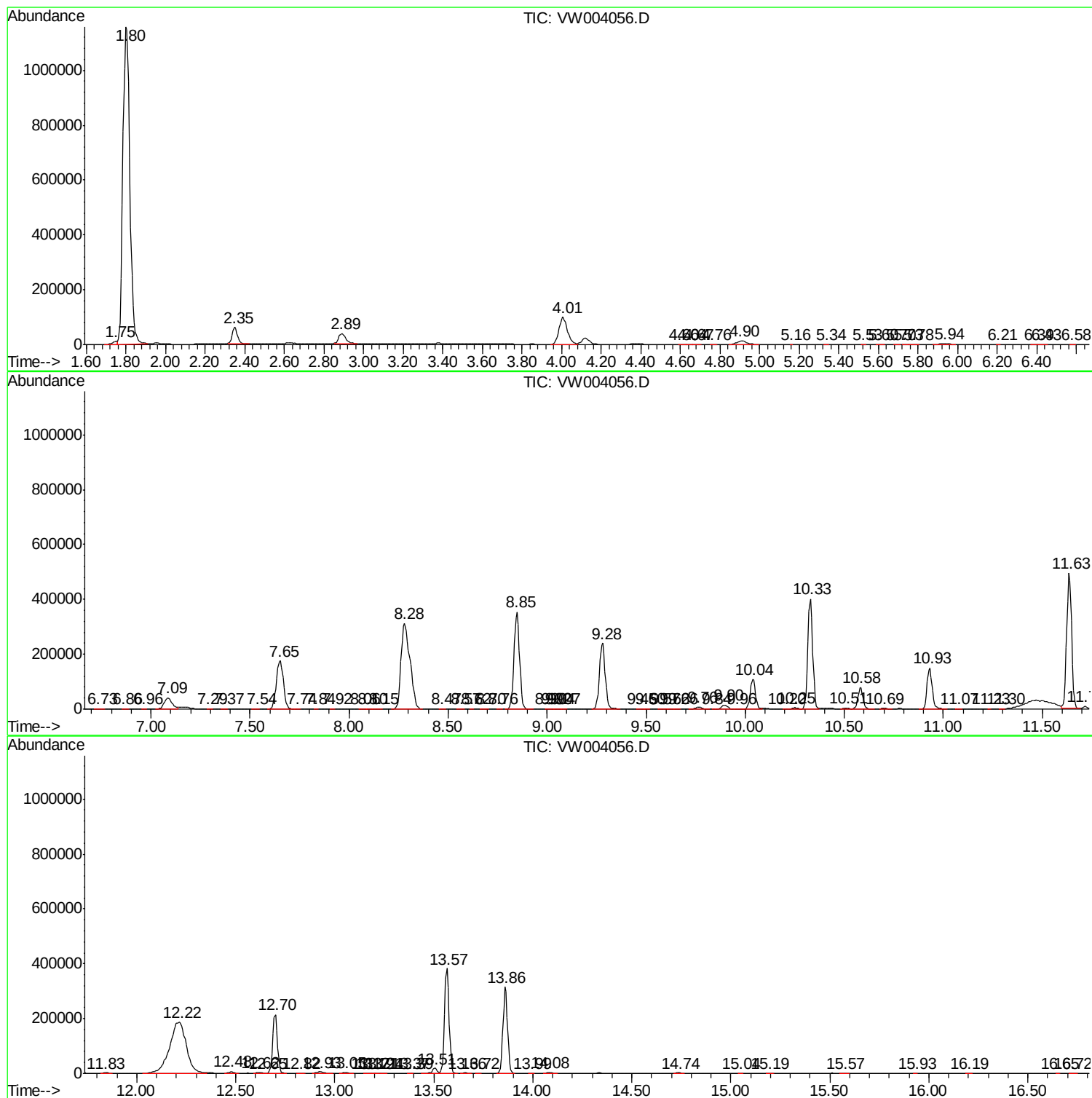
Sum of corrected areas: 10984344

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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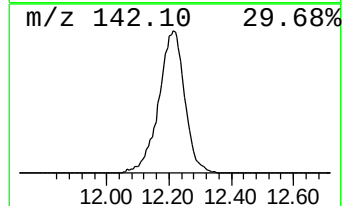
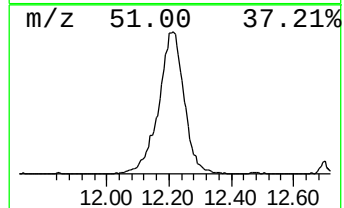
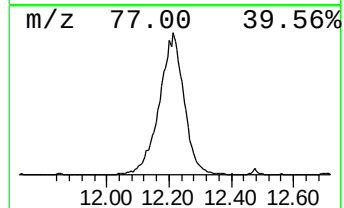
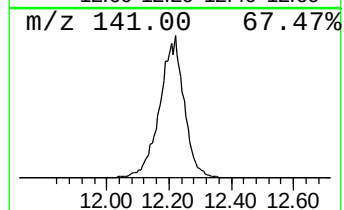
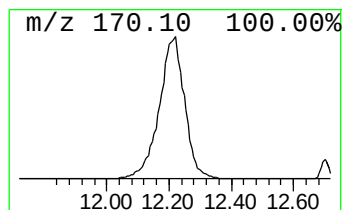
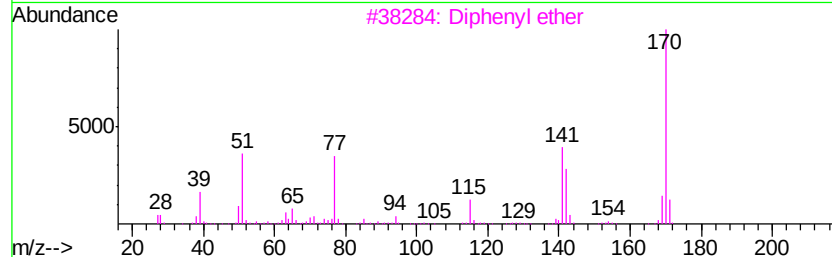
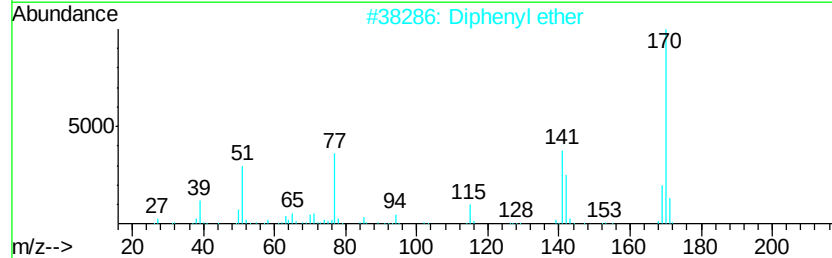
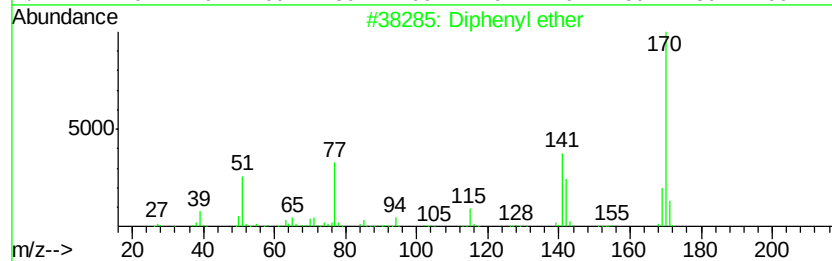
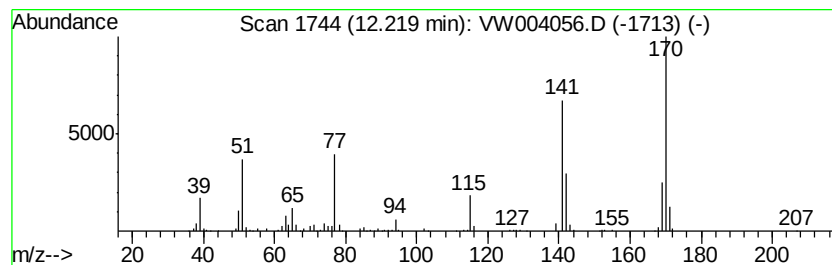
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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

Peak Number 4 Diphenyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.22	32.75 ug/L	1098730	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	95	
2	Diphenyl ether	170	C12H10O	000101-84-8	93	
3	Diphenyl ether	170	C12H10O	000101-84-8	90	
4	Diphenyl ether	170	C12H10O	000101-84-8	76	
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	70	



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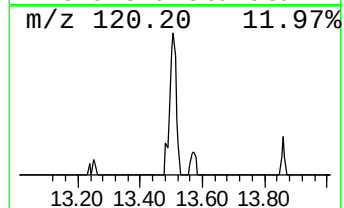
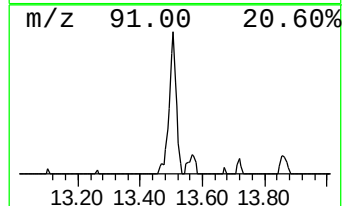
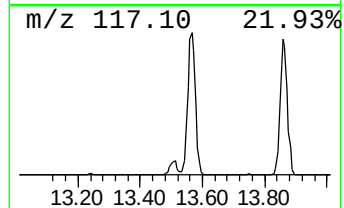
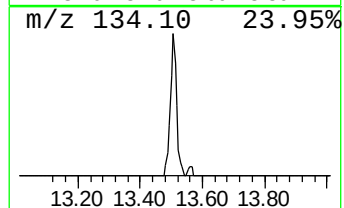
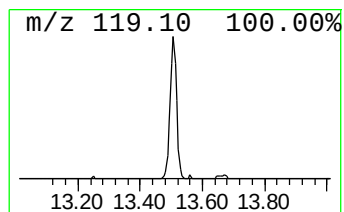
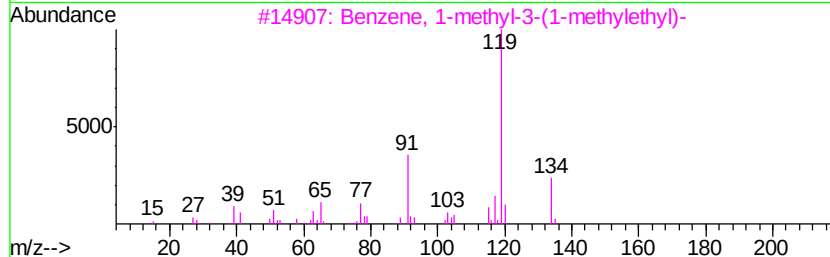
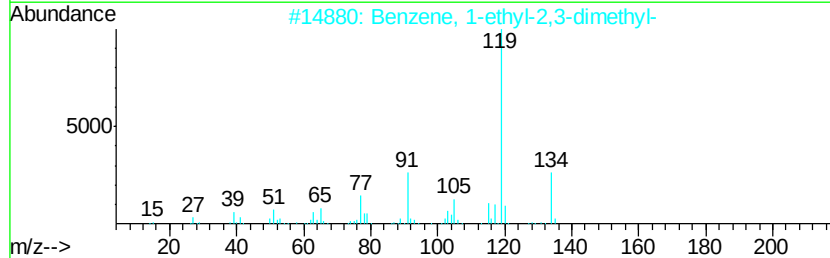
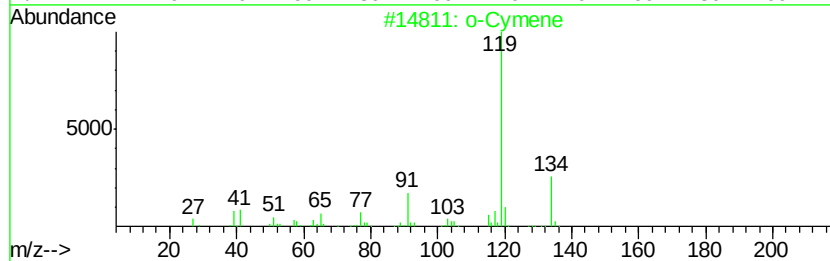
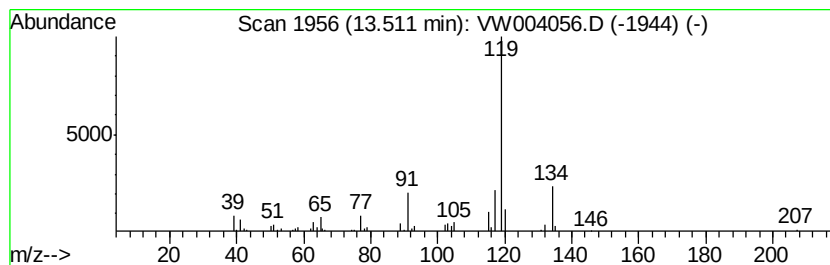
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Quant Title : VOC Analysis

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

Peak Number 5 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.30 ug/L	32014	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	91
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diphenyl ether	12.22	32.8	ug/L	1098730	2	11.63	838605	25.0
o-Cymene	13.51	1.3	ug/L	32014	3	13.57	616914	25.0