

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015946.D
 Acq On : 24 Jul 2020 13:38
 Operator : SY/VA
 Sample : L3419-11
 Misc : 5.45G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF0

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\SOM2WLM072020S.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	67	74	89	rVB	103055	196495	12.91%	2.018%
2	2.891	155	162	176	rBV	67045	167756	11.02%	1.723%
3	3.519	263	265	272	rBV5	1397	2555	0.17%	0.026%
4	3.855	316	320	323	rBV3	618	1037	0.07%	0.011%
5	4.013	335	346	360	rBV	168878	495290	32.55%	5.087%
6	4.117	360	363	369	rVV	4409	10919	0.72%	0.112%
7	4.202	369	377	392	rVB	28958	79267	5.21%	0.814%
8	4.312	394	395	397	rVB3	624	317	0.02%	0.003%
9	4.397	400	409	420	rBV2	8066	24799	1.63%	0.255%
10	4.592	440	441	443	rBV2	490	441	0.03%	0.005%
11	4.909	481	493	511	rBV2	21133	73780	4.85%	0.758%
12	5.123	522	528	530	rBV3	758	1673	0.11%	0.017%
13	5.202	539	541	542	rVB2	514	326	0.02%	0.003%
14	5.440	578	580	584	rVB3	360	319	0.02%	0.003%
15	5.763	630	633	637	rBV3	375	498	0.03%	0.005%
16	5.933	654	661	673	rVB4	3566	11044	0.73%	0.113%
17	6.287	713	719	723	rBV2	454	1060	0.07%	0.011%
18	7.086	841	850	855	rBV	44368	125489	8.25%	1.289%
19	7.147	856	860	881	rVB	47721	128614	8.45%	1.321%
20	7.543	922	925	926	rVV3	365	409	0.03%	0.004%
21	7.653	930	943	961	rBV	223563	544246	35.76%	5.590%
22	7.921	980	987	988	rBV2	1254	1772	0.12%	0.018%
23	8.031	1002	1005	1011	rVB2	412	488	0.03%	0.005%
24	8.159	1022	1026	1028	rBV2	349	449	0.03%	0.005%
25	8.274	1031	1045	1063	rBV3	485951	1521838	100.00%	15.631%
26	8.488	1077	1080	1084	rVV2	443	619	0.04%	0.006%
27	8.543	1088	1089	1093	rVB2	301	333	0.02%	0.003%
28	8.695	1109	1114	1118	rBV3	777	1417	0.09%	0.015%
29	8.848	1130	1139	1151	rBV	493507	988554	64.96%	10.154%
30	9.085	1169	1178	1182	rVB6	1404	2947	0.19%	0.030%
31	9.274	1201	1209	1219	rBV	298246	613712	40.33%	6.304%
32	9.658	1269	1272	1278	rBV4	953	1806	0.12%	0.019%
33	9.762	1283	1289	1296	rVB2	2928	5439	0.36%	0.056%
34	9.896	1303	1311	1319	rBV2	7416	15747	1.03%	0.162%

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35	9.963	1319	1322	1326	rVB2	738	855	0.06%	0.009%
36	10.036	1326	1334	1345	rBV	143424	268280	17.63%	2.756%
37	10.128	1346	1349	1356	rVV5	1682	3679	0.24%	0.038%
38	10.213	1358	1363	1366	rVV3	3298	5965	0.39%	0.061%
39	10.250	1367	1369	1374	rVV2	3537	5051	0.33%	0.052%
40	10.329	1374	1382	1390	rVV	567748	1031814	67.80%	10.598%
41	10.390	1390	1392	1397	rVV3	2629	3479	0.23%	0.036%
42	10.512	1407	1412	1414	rVB4	508	635	0.04%	0.007%
43	10.579	1416	1423	1436	rBV	96504	167874	11.03%	1.724%
44	10.707	1436	1444	1451	rBV	31493	54751	3.60%	0.562%
45	10.780	1451	1456	1461	rVB4	2033	3698	0.24%	0.038%
46	10.847	1464	1467	1473	rVB4	1098	1726	0.11%	0.018%
47	10.926	1473	1480	1491	rBV	166723	291433	19.15%	2.993%
48	11.067	1498	1503	1513	rVB	20449	35841	2.36%	0.368%
49	11.176	1517	1521	1528	rVB5	2080	3880	0.25%	0.040%
50	11.341	1546	1548	1552	rVB4	560	719	0.05%	0.007%
51	11.439	1555	1564	1571	rVB	24188	42133	2.77%	0.433%
52	11.512	1571	1576	1577	rBV2	405	542	0.04%	0.006%
53	11.634	1586	1596	1605	rBV	600358	1011292	66.45%	10.387%
54	11.792	1620	1622	1624	rVV3	470	361	0.02%	0.004%
55	11.835	1624	1629	1632	rVV7	1886	3293	0.22%	0.034%
56	11.878	1633	1636	1641	rVB4	1584	2811	0.18%	0.029%
57	11.951	1644	1648	1649	rBV2	280	373	0.02%	0.004%
58	12.073	1665	1668	1671	rVB3	441	556	0.04%	0.006%
59	12.164	1679	1683	1684	rBV3	468	429	0.03%	0.004%
60	12.365	1707	1716	1717	rBV6	682	1425	0.09%	0.015%
61	12.475	1728	1734	1741	rVB	8063	13193	0.87%	0.136%
62	12.530	1741	1743	1746	rVB3	421	430	0.03%	0.004%
63	12.609	1748	1756	1763	rBV	29909	52597	3.46%	0.540%
64	12.694	1763	1770	1778	rVV	226781	370793	24.36%	3.809%
65	12.762	1778	1781	1791	rVB5	1651	3304	0.22%	0.034%
66	12.853	1791	1796	1797	rBV3	523	510	0.03%	0.005%
67	12.871	1797	1799	1800	rBV	389	344	0.02%	0.004%
68	12.932	1804	1809	1812	rVV2	11738	18383	1.21%	0.189%
69	12.969	1812	1815	1822	rVV	18568	29651	1.95%	0.305%
70	13.036	1824	1826	1830	rVB4	1686	1919	0.13%	0.020%
71	13.085	1830	1834	1838	rBV3	1270	1863	0.12%	0.019%

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72	13.170	1844	1848	1849	rBV2	2094	2727	0.18%	0.028%
73	13.194	1849	1852	1859	rVB3	6076	10614	0.70%	0.109%
74	13.249	1859	1861	1864	rVB	720	436	0.03%	0.004%
75	13.298	1864	1869	1875	rVB3	9635	15963	1.05%	0.164%
76	13.377	1875	1882	1884	rBV5	3226	6442	0.42%	0.066%
77	13.408	1884	1887	1892	rVB	9789	14269	0.94%	0.147%
78	13.469	1892	1897	1906	rBV3	31393	64030	4.21%	0.658%
79	13.560	1906	1912	1918	rBV	383771	610773	40.13%	6.274%
80	13.767	1940	1946	1949	rBV2	6507	11365	0.75%	0.117%
81	13.853	1954	1960	1968	rBV	291571	495057	32.53%	5.085%
82	13.999	1982	1984	1985	rBV2	855	766	0.05%	0.008%
83	14.072	1991	1996	2008	rVB2	10779	21101	1.39%	0.217%
84	14.200	2013	2017	2022	rBV4	1071	1738	0.11%	0.018%
85	14.334	2031	2039	2041	rBV5	1230	2558	0.17%	0.026%
86	14.499	2061	2066	2067	rBV5	809	1153	0.08%	0.012%
87	14.731	2096	2104	2109	rVV3	4628	7581	0.50%	0.078%
88	14.773	2109	2111	2114	rVB2	680	611	0.04%	0.006%
89	14.810	2114	2117	2119	rBV2	556	606	0.04%	0.006%
90	14.944	2137	2139	2141	rVB2	647	565	0.04%	0.006%
91	15.066	2158	2159	2161	rBV2	335	325	0.02%	0.003%
92	15.090	2161	2163	2164	rBV2	422	376	0.02%	0.004%
93	15.255	2188	2190	2194	rVB2	612	391	0.03%	0.004%
94	15.438	2217	2220	2225	rVB3	2667	4128	0.27%	0.042%
95	15.487	2225	2228	2229	rBV2	635	629	0.04%	0.006%
96	15.694	2259	2262	2266	rVB4	674	966	0.06%	0.010%
97	15.730	2266	2268	2270	rBV2	368	421	0.03%	0.004%
98	15.773	2272	2275	2277	rBV2	815	903	0.06%	0.009%
99	16.102	2325	2329	2333	rVB7	768	1438	0.09%	0.015%
100	16.621	2411	2414	2415	rBV3	438	464	0.03%	0.005%

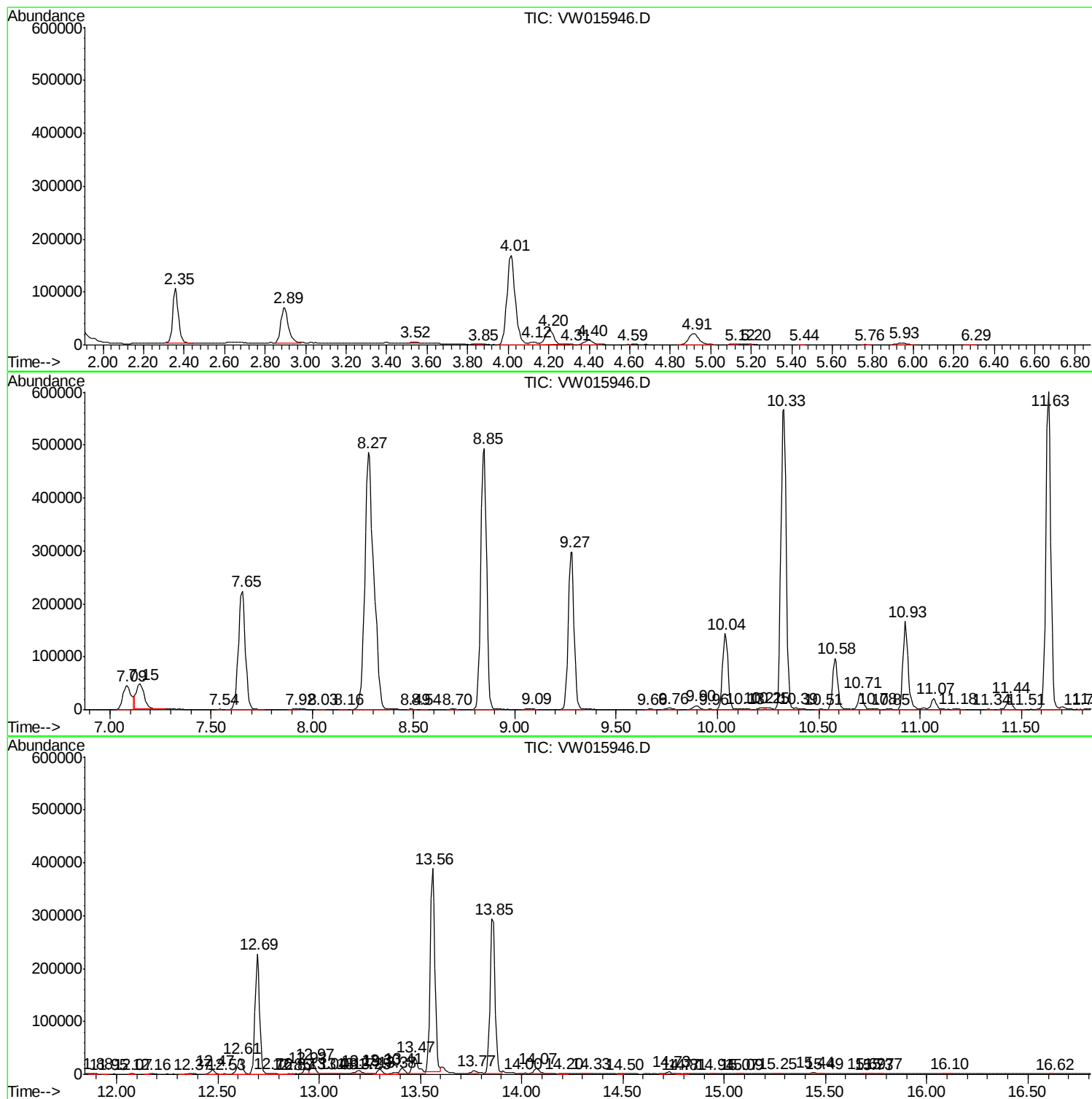
Sum of corrected areas: 9735733

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



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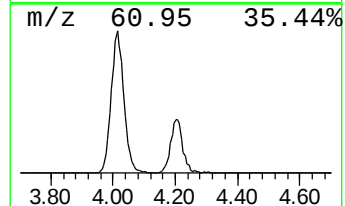
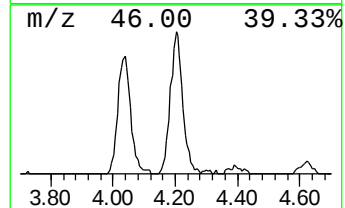
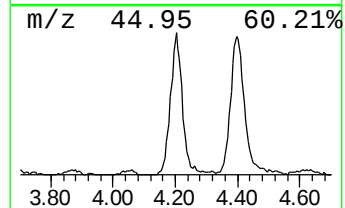
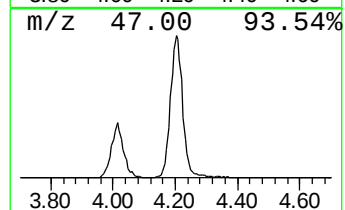
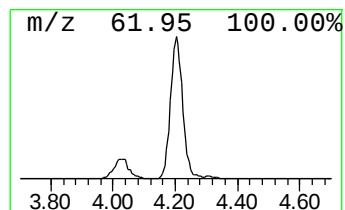
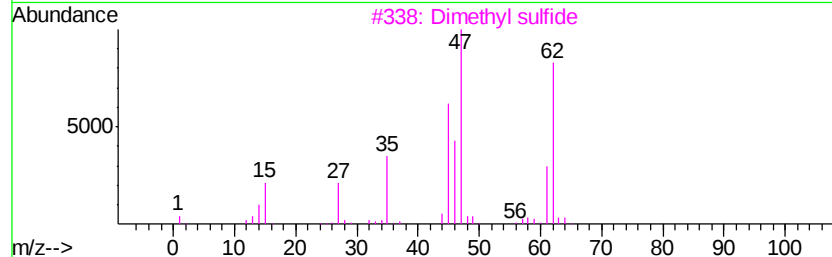
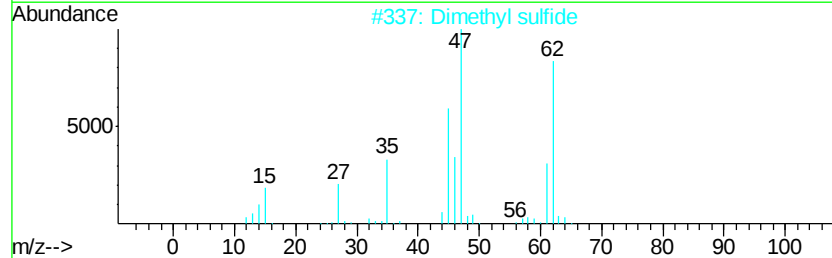
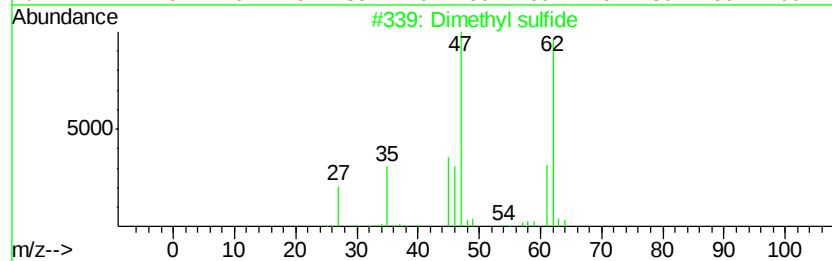
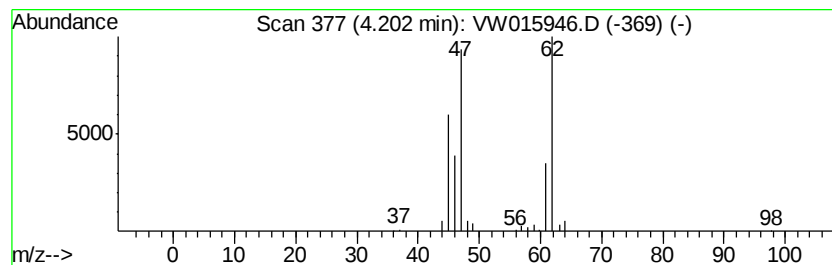
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	2.00 ug/L	79267	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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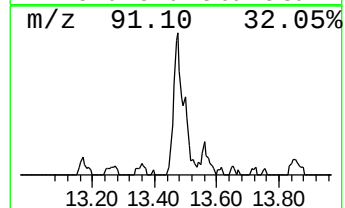
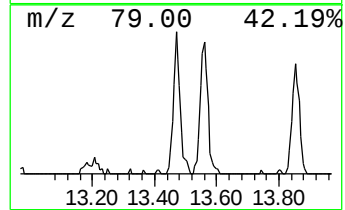
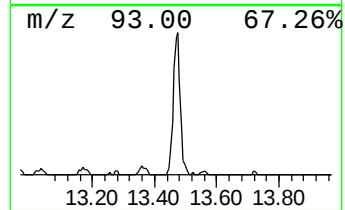
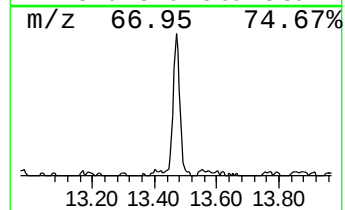
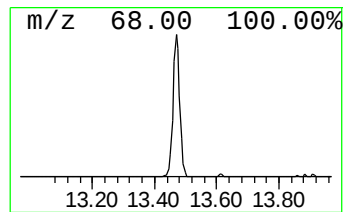
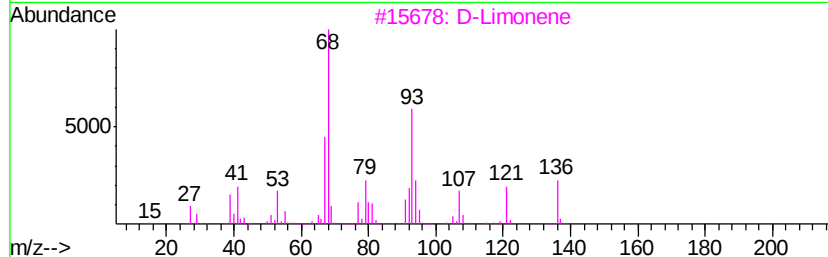
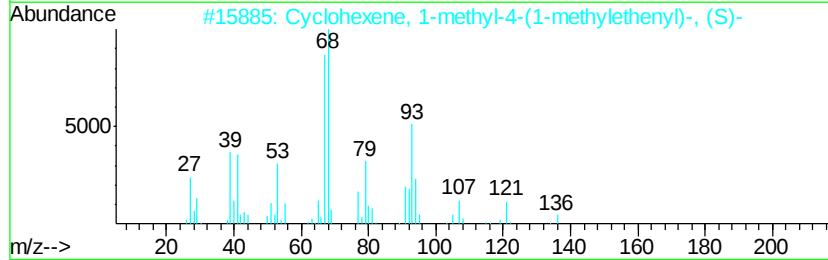
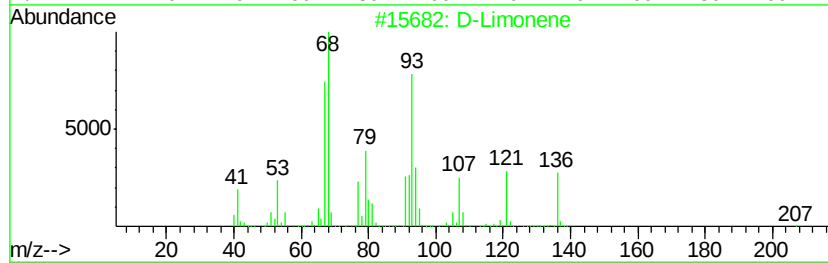
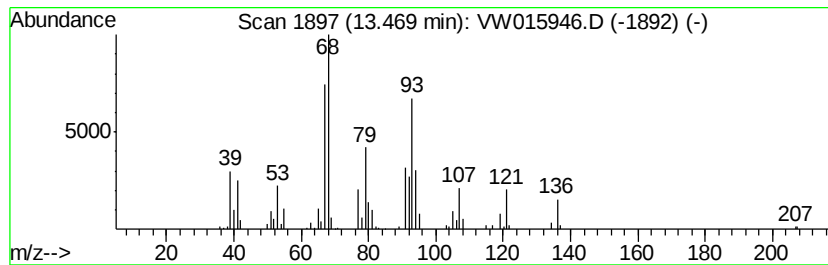
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.62 ug/L	64030	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	96
3		D-Limonene	136	C10H16	005989-27-5	92
4		D-Limonene	136	C10H16	005989-27-5	76
5		D-Limonene	136	C10H16	005989-27-5	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.20	2.0	ug/L	79267	1	8.85	988554	25.0
D-Limonene	13.47	2.6	ug/L	64030	3	13.56	610773	25.0