

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007341.D
 Acq On : 08 Dec 2018 07:45
 Operator : SY/AP
 Sample : J6270-10
 Misc : 5.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E09

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\SOM2WLM120718S.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	2.361	69	75	89	rVB	20284	44615	9.89%	1.509%
2	2.898	156	163	174	rBV2	14627	36822	8.16%	1.245%
3	3.257	220	222	223	rBV	193	173	0.04%	0.006%
4	3.288	226	227	229	rBV	212	160	0.04%	0.005%
5	3.385	239	243	249	rBV3	572	1045	0.23%	0.035%
6	3.525	261	266	271	rBV2	970	2445	0.54%	0.083%
7	4.007	335	345	360	rBV	56182	167026	37.01%	5.649%
8	4.202	372	377	387	rVB2	8738	21342	4.73%	0.722%
9	4.537	429	432	435	rVB	150	221	0.05%	0.007%
10	4.598	440	442	445	rBV	152	230	0.05%	0.008%
11	4.665	451	453	455	rBV	235	164	0.04%	0.006%
12	4.739	462	465	467	rVB2	141	189	0.04%	0.006%
13	4.775	467	471	474	rBV2	120	184	0.04%	0.006%
14	4.915	485	494	504	rVV4	2829	9110	2.02%	0.308%
15	5.251	545	549	551	rBV2	130	204	0.05%	0.007%
16	5.342	562	564	568	rVB2	156	163	0.04%	0.006%
17	5.391	568	572	575	rBV2	100	167	0.04%	0.006%
18	5.659	614	616	618	rBV	127	155	0.03%	0.005%
19	5.738	627	629	633	rBV2	123	174	0.04%	0.006%
20	5.806	638	640	643	rBV	184	230	0.05%	0.008%
21	5.940	654	662	663	rBV3	1135	1990	0.44%	0.067%
22	6.184	697	702	704	rBV	129	178	0.04%	0.006%
23	6.354	728	730	732	rBV	170	198	0.04%	0.007%
24	6.994	832	835	838	rBV	139	172	0.04%	0.006%
25	7.086	841	850	854	rBV	7711	21644	4.80%	0.732%
26	7.257	876	878	881	rVB2	244	257	0.06%	0.009%
27	7.299	881	885	887	rVB	213	282	0.06%	0.010%
28	7.494	914	917	920	rBV2	165	252	0.06%	0.009%
29	7.653	932	943	954	rBV	77961	192810	42.72%	6.521%
30	8.153	1022	1025	1028	rBV	202	295	0.07%	0.010%
31	8.275	1035	1045	1065	rBV2	150122	451319	100.00%	15.265%
32	8.488	1076	1080	1083	rBV	173	306	0.07%	0.010%
33	8.518	1083	1085	1087	rVV	183	168	0.04%	0.006%
34	8.622	1097	1102	1106	rBV4	214	428	0.09%	0.014%

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35	8.842	1130	1138	1146	rBV	146782	287428	63.69%	9.721%
36	9.031	1166	1169	1170	rBV2	568	478	0.11%	0.016%
37	9.274	1200	1209	1219	rBV	101586	199696	44.25%	6.754%
38	9.415	1230	1232	1234	rBV	172	165	0.04%	0.006%
39	9.494	1242	1245	1246	rBV2	312	316	0.07%	0.011%
40	9.659	1270	1272	1275	rBV2	219	220	0.05%	0.007%
41	10.036	1327	1334	1345	rVB	41991	75123	16.65%	2.541%
42	10.140	1345	1351	1353	rBV2	721	1478	0.33%	0.050%
43	10.323	1374	1381	1390	rBV	200124	368518	81.65%	12.464%
44	10.579	1416	1423	1431	rBV	28780	48917	10.84%	1.654%
45	10.707	1439	1444	1451	rBV2	4247	7939	1.76%	0.269%
46	10.927	1475	1480	1495	rVB3	23801	54177	12.00%	1.832%
47	11.067	1498	1503	1510	rBV2	13589	21803	4.83%	0.737%
48	11.634	1590	1596	1611	rVB	169377	288593	63.94%	9.761%
49	12.176	1684	1685	1690	rVB2	533	698	0.15%	0.024%
50	12.219	1690	1692	1694	rBV	183	185	0.04%	0.006%
51	12.341	1711	1712	1716	rVB	393	307	0.07%	0.010%
52	12.475	1729	1734	1740	rVB2	6981	10702	2.37%	0.362%
53	12.524	1740	1742	1745	rVB	175	201	0.04%	0.007%
54	12.615	1749	1757	1764	rBV2	7837	12955	2.87%	0.438%
55	12.695	1764	1770	1778	rBV	65082	107987	23.93%	3.652%
56	12.756	1778	1780	1785	rVV3	394	714	0.16%	0.024%
57	12.810	1788	1789	1793	rVB2	154	174	0.04%	0.006%
58	12.877	1797	1800	1801	rBV2	139	152	0.03%	0.005%
59	12.938	1806	1810	1815	rBV2	4477	6449	1.43%	0.218%
60	13.030	1819	1825	1832	rVB2	4203	6702	1.48%	0.227%
61	13.201	1845	1853	1858	rBV4	1175	2105	0.47%	0.071%
62	13.249	1859	1861	1864	rBV2	384	441	0.10%	0.015%
63	13.304	1866	1870	1876	rVB3	1501	2203	0.49%	0.075%
64	13.408	1882	1887	1893	rVB2	1315	2287	0.51%	0.077%
65	13.475	1893	1898	1901	rBV2	24468	38950	8.63%	1.317%
66	13.560	1906	1912	1919	rBV	135485	221909	49.17%	7.505%
67	13.700	1933	1935	1937	rBV	264	226	0.05%	0.008%
68	13.774	1943	1947	1951	rVB2	560	865	0.19%	0.029%
69	13.859	1953	1961	1968	rBV	126881	210926	46.74%	7.134%
70	13.999	1981	1984	1985	rVB	196	153	0.03%	0.005%
71	14.078	1991	1997	2003	rVB	3740	5798	1.28%	0.196%

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72	14.286	2029	2031	2034	rBV	205	230	0.05%	0.008%
73	14.341	2034	2040	2044	rVV	925	1504	0.33%	0.051%
74	14.450	2055	2058	2060	rBV2	170	219	0.05%	0.007%
75	14.499	2065	2066	2068	rBV2	225	215	0.05%	0.007%
76	14.572	2076	2078	2082	rBB	168	195	0.04%	0.007%
77	14.615	2082	2085	2087	rBV	170	203	0.04%	0.007%
78	14.700	2096	2099	2102	rBV	207	303	0.07%	0.010%
79	14.731	2102	2104	2108	rVB	438	484	0.11%	0.016%
80	14.804	2114	2116	2117	rBV	291	178	0.04%	0.006%
81	14.828	2117	2120	2124	rVV2	211	335	0.07%	0.011%
82	14.895	2128	2131	2133	rBV2	193	288	0.06%	0.010%
83	15.231	2182	2186	2187	rBV	271	304	0.07%	0.010%
84	15.255	2187	2190	2192	rBV2	168	212	0.05%	0.007%
85	15.322	2200	2201	2203	rBV	190	158	0.04%	0.005%
86	15.377	2205	2210	2215	rVB2	408	741	0.16%	0.025%
87	15.444	2215	2221	2227	rBV3	2100	3778	0.84%	0.128%
88	15.505	2227	2231	2237	rBV3	619	1103	0.24%	0.037%
89	15.609	2244	2248	2250	rBV2	216	310	0.07%	0.010%
90	15.670	2255	2258	2261	rVV2	178	270	0.06%	0.009%
91	15.718	2264	2266	2270	rVB	165	167	0.04%	0.006%
92	15.779	2270	2276	2277	rVB3	261	415	0.09%	0.014%
93	15.798	2277	2279	2281	rBV3	211	189	0.04%	0.006%
94	15.865	2287	2290	2294	rBV3	235	414	0.09%	0.014%
95	16.011	2312	2314	2315	rBV2	314	199	0.04%	0.007%
96	16.365	2369	2372	2374	rBV	197	217	0.05%	0.007%
97	16.444	2383	2385	2388	rVB2	287	270	0.06%	0.009%
98	16.474	2388	2390	2392	rBV	172	174	0.04%	0.006%
99	16.712	2427	2429	2433	rVV3	167	234	0.05%	0.008%
100	16.767	2435	2438	2440	rBV2	271	257	0.06%	0.009%

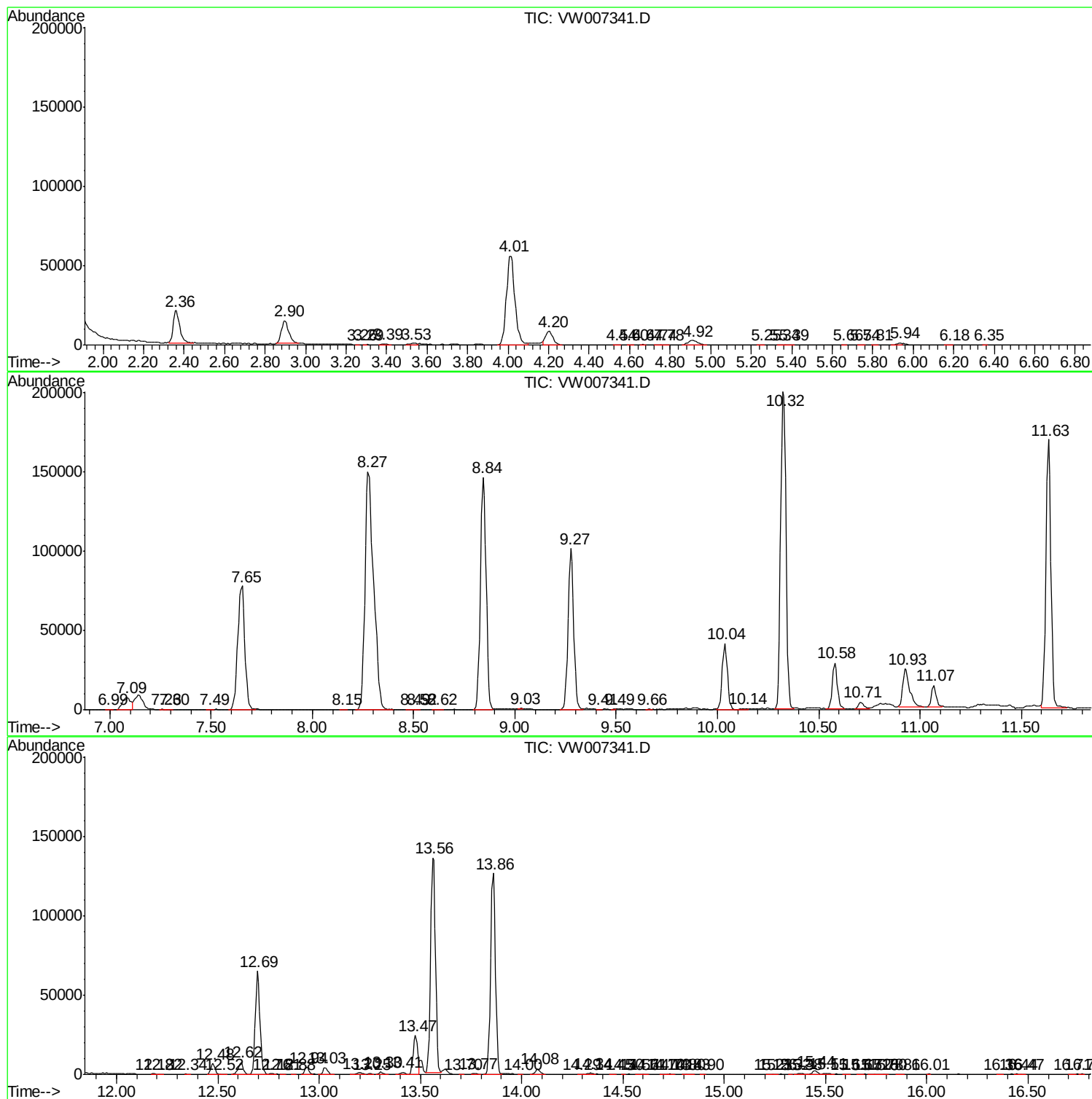
Sum of corrected areas: 2956624

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



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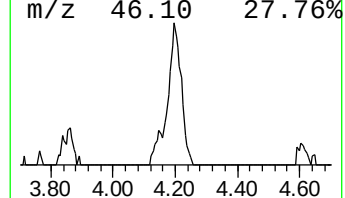
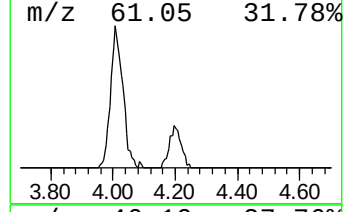
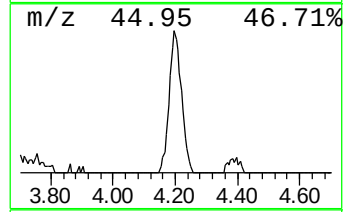
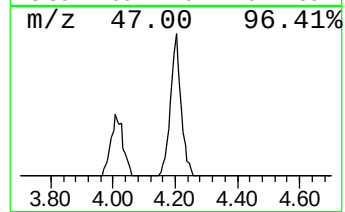
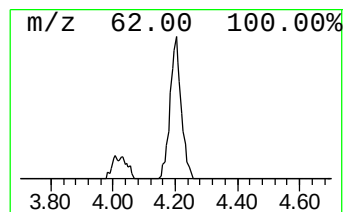
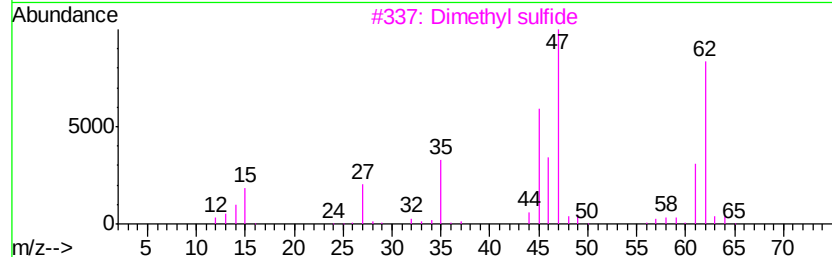
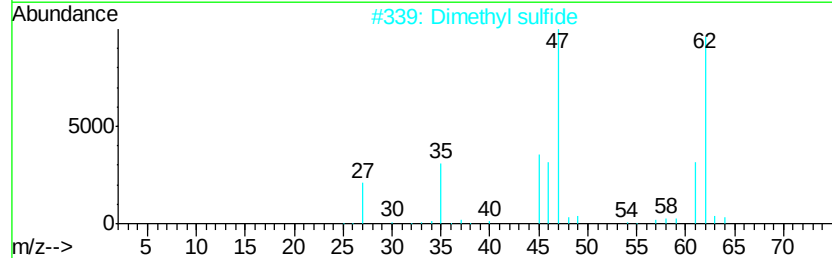
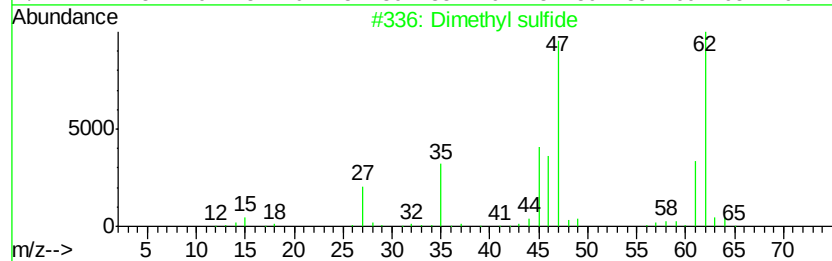
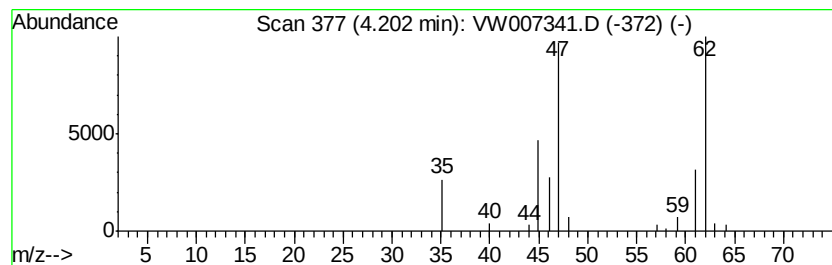
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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	1.86 ug/L	21342	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	90
4			Dimethyl sulfide	62	C2H6S	000075-18-3	72
5			Ethanethiol	62	C2H6S	000075-08-1	64



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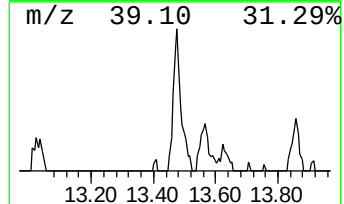
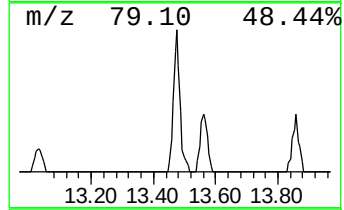
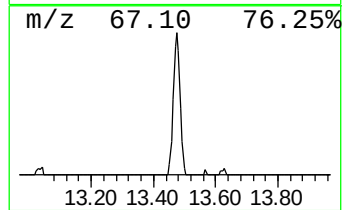
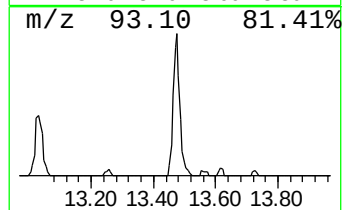
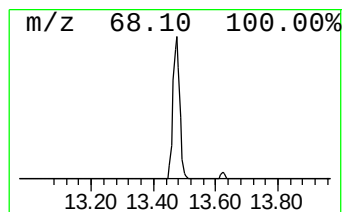
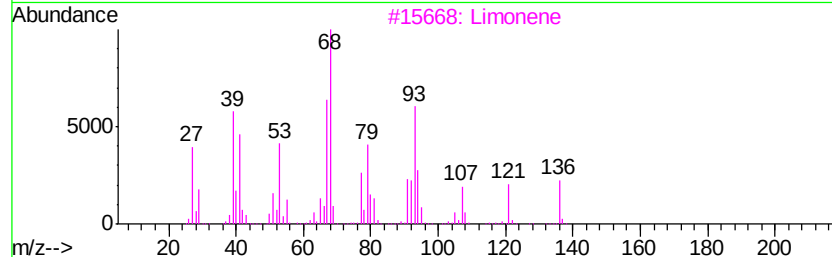
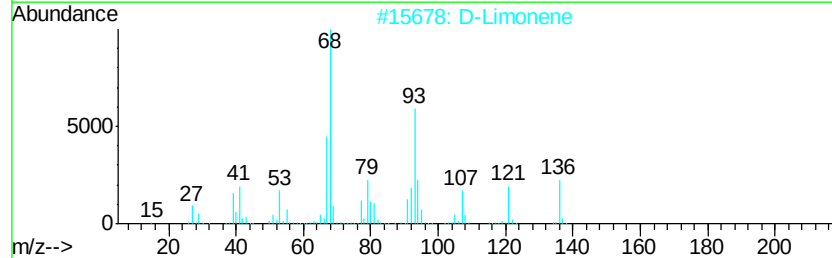
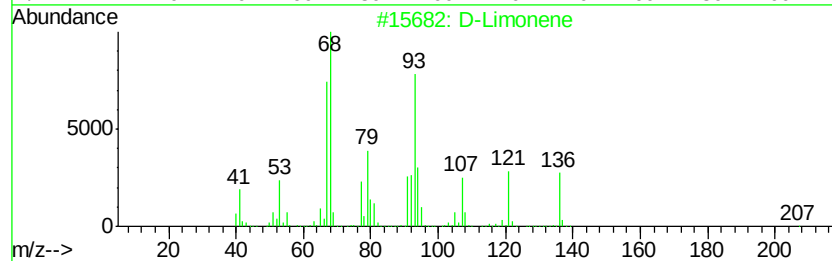
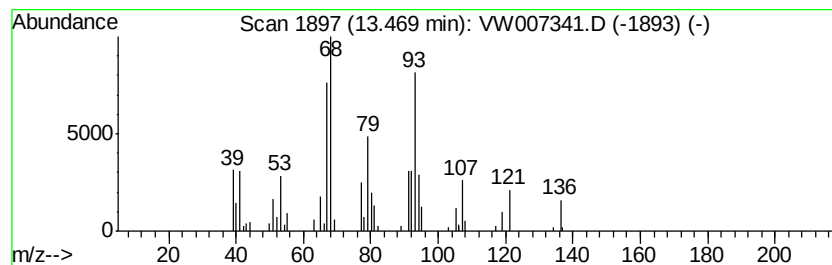
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.39 ug/L	38950	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	96
2		D-Limonene	136	C10H16	005989-27-5	94
3		Limonene	136	C10H16	000138-86-3	94
4		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83
5		D-Limonene	136	C10H16	005989-27-5	81



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Dimethyl sulfide	4.20	1.9	ug/L	21342	1	8.84	287428	25.0
D-Limonene	13.47	4.4	ug/L	38950	3	13.57	221909	25.0