

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004078.D
 Acq On : 20 Jul 2018 15:51
 Operator : SY/AP
 Sample : J4023-21
 Misc : 6.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1N0

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	1.624	3	6	8	rBV2	148	212	0.00%	0.002%
2	1.672	12	14	16	rBV2	253	199	0.00%	0.002%
3	1.746	18	26	27	rBV	10481	16241	0.35%	0.140%
4	1.807	27	36	56	rVB	2076291	4630862	100.00%	40.003%
5	2.349	119	125	137	rVB	57483	102658	2.22%	0.887%
6	2.886	207	213	227	rVB	33948	85956	1.86%	0.743%
7	4.001	386	396	409	rBV	91158	285475	6.16%	2.466%
8	4.495	476	477	481	rVB3	355	354	0.01%	0.003%
9	4.532	481	483	484	rBV2	314	215	0.00%	0.002%
10	4.904	535	544	556	rBV3	5421	19687	0.43%	0.170%
11	5.391	621	624	625	rBV2	216	237	0.01%	0.002%
12	5.428	628	630	636	rVB4	546	732	0.02%	0.006%
13	5.513	641	644	646	rBV	261	253	0.01%	0.002%
14	5.538	646	648	651	rBV	278	215	0.00%	0.002%
15	5.605	657	659	662	rVB	364	248	0.01%	0.002%
16	5.690	670	673	676	rBV2	379	445	0.01%	0.004%
17	5.733	677	680	682	rBV3	272	316	0.01%	0.003%
18	5.934	703	713	719	rBV7	1922	5410	0.12%	0.047%
19	6.050	731	732	735	rVB2	342	294	0.01%	0.003%
20	6.153	748	749	754	rVB2	395	381	0.01%	0.003%
21	6.208	756	758	761	rVB	218	216	0.00%	0.002%
22	6.306	772	774	776	rVB2	361	301	0.01%	0.003%
23	6.513	807	808	812	rBV	216	255	0.01%	0.002%
24	6.580	816	819	821	rBV2	261	244	0.01%	0.002%
25	6.714	838	841	843	rBV2	307	436	0.01%	0.004%
26	6.873	865	867	869	rVB2	349	248	0.01%	0.002%
27	6.891	869	870	872	rBV2	217	200	0.00%	0.002%
28	7.080	891	901	909	rBV	40577	115739	2.50%	1.000%
29	7.379	949	950	953	rBV3	210	266	0.01%	0.002%
30	7.434	953	959	964	rBV5	1760	4147	0.09%	0.036%
31	7.647	984	994	1007	rBV	173949	430136	9.29%	3.716%
32	7.732	1007	1008	1012	rVB2	511	313	0.01%	0.003%
33	7.799	1017	1019	1022	rBV	262	352	0.01%	0.003%
34	7.842	1025	1026	1030	rBV2	233	218	0.00%	0.002%

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35	8.104	1067	1069	1072	rVB2	306	296	0.01%	0.003%
36	8.153	1072	1077	1083	rBV3	455	1248	0.03%	0.011%
37	8.281	1088	1098	1113	rVV2	312442	962239	20.78%	8.312%
38	8.476	1128	1130	1133	rBV2	380	463	0.01%	0.004%
39	8.696	1162	1166	1172	rBV4	975	1962	0.04%	0.017%
40	8.848	1182	1191	1203	rVV	348985	684767	14.79%	5.915%
41	9.043	1217	1223	1225	rBV4	1457	2298	0.05%	0.020%
42	9.159	1238	1242	1248	rVB3	1380	3094	0.07%	0.027%
43	9.281	1253	1262	1277	rBV	241387	493728	10.66%	4.265%
44	9.476	1286	1294	1299	rVB7	975	2432	0.05%	0.021%
45	9.598	1311	1314	1317	rBV2	433	627	0.01%	0.005%
46	9.634	1317	1320	1321	rBV	356	356	0.01%	0.003%
47	9.653	1321	1323	1324	rBV	635	495	0.01%	0.004%
48	9.762	1333	1341	1349	rVB2	9677	19021	0.41%	0.164%
49	9.823	1349	1351	1354	rVB	566	359	0.01%	0.003%
50	9.897	1354	1363	1371	rBV2	18848	40308	0.87%	0.348%
51	10.037	1378	1386	1394	rBV	95231	169683	3.66%	1.466%
52	10.250	1415	1421	1426	rBV2	5160	9583	0.21%	0.083%
53	10.329	1426	1434	1441	rVV	378550	664284	14.34%	5.738%
54	10.512	1459	1464	1469	rVB6	2121	3778	0.08%	0.033%
55	10.579	1469	1475	1487	rVB	65755	117608	2.54%	1.016%
56	10.713	1489	1497	1503	rBV3	2736	5923	0.13%	0.051%
57	10.933	1525	1533	1544	rBV	138442	246936	5.33%	2.133%
58	11.037	1545	1550	1553	rVB4	4765	7868	0.17%	0.068%
59	11.226	1578	1581	1584	rBV3	348	490	0.01%	0.004%
60	11.287	1588	1591	1592	rBV	193	207	0.00%	0.002%
61	11.463	1619	1620	1623	rBV2	348	376	0.01%	0.003%
62	11.518	1628	1629	1634	rBV2	209	333	0.01%	0.003%
63	11.634	1641	1648	1657	rVV	460471	764640	16.51%	6.605%
64	11.713	1658	1661	1668	rVB2	8043	13683	0.30%	0.118%
65	11.841	1679	1682	1685	rBV2	760	963	0.02%	0.008%
66	12.036	1710	1714	1717	rBV3	296	490	0.01%	0.004%
67	12.110	1724	1726	1728	rBV	212	251	0.01%	0.002%
68	12.183	1733	1738	1744	rVB5	2717	4905	0.11%	0.042%
69	12.238	1744	1747	1749	rVB2	278	278	0.01%	0.002%
70	12.323	1759	1761	1762	rBV	239	206	0.00%	0.002%
71	12.372	1764	1769	1776	rVV4	2733	5255	0.11%	0.045%

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72	12.475	1781	1786	1792	rVB2	9712	16883	0.36%	0.146%
73	12.561	1792	1800	1805	rBV5	1220	2831	0.06%	0.024%
74	12.616	1805	1809	1815	rVV2	7525	11781	0.25%	0.102%
75	12.701	1815	1823	1835	rVV	224165	407360	8.80%	3.519%
76	12.811	1839	1841	1845	rVB3	314	298	0.01%	0.003%
77	12.878	1849	1852	1854	rVB2	440	384	0.01%	0.003%
78	12.939	1858	1862	1865	rBV4	1221	1965	0.04%	0.017%
79	12.994	1869	1871	1874	rBV2	278	268	0.01%	0.002%
80	13.036	1876	1878	1883	rVB3	431	478	0.01%	0.004%
81	13.115	1889	1891	1895	rVB2	219	298	0.01%	0.003%
82	13.170	1895	1900	1903	rBV5	1021	1983	0.04%	0.017%
83	13.219	1903	1908	1912	rVV2	12485	19614	0.42%	0.169%
84	13.280	1912	1918	1929	rVB	46262	85108	1.84%	0.735%
85	13.408	1936	1939	1940	rBV2	941	854	0.02%	0.007%
86	13.475	1945	1950	1954	rBV2	16307	31409	0.68%	0.271%
87	13.567	1959	1965	1973	rVV	346536	541611	11.70%	4.679%
88	13.658	1976	1980	1987	rVB2	8245	12276	0.27%	0.106%
89	13.859	2006	2013	2023	rVB	270508	446650	9.65%	3.858%
90	14.006	2035	2037	2039	rBV2	881	658	0.01%	0.006%
91	14.085	2046	2050	2055	rVB2	4202	6288	0.14%	0.054%
92	14.402	2096	2102	2110	rBV	9744	15806	0.34%	0.137%
93	14.536	2120	2124	2128	rVB3	5726	9138	0.20%	0.079%
94	14.694	2148	2150	2152	rBV3	592	684	0.01%	0.006%
95	14.731	2153	2156	2164	rVB2	4746	7219	0.16%	0.062%
96	14.792	2164	2166	2168	rBV3	365	257	0.01%	0.002%
97	15.066	2209	2211	2212	rBV	706	518	0.01%	0.004%
98	15.316	2248	2252	2260	rVB3	4618	8059	0.17%	0.070%
99	16.036	2367	2370	2371	rBV2	639	446	0.01%	0.004%
100	16.109	2377	2382	2389	rVB5	5511	10402	0.22%	0.090%

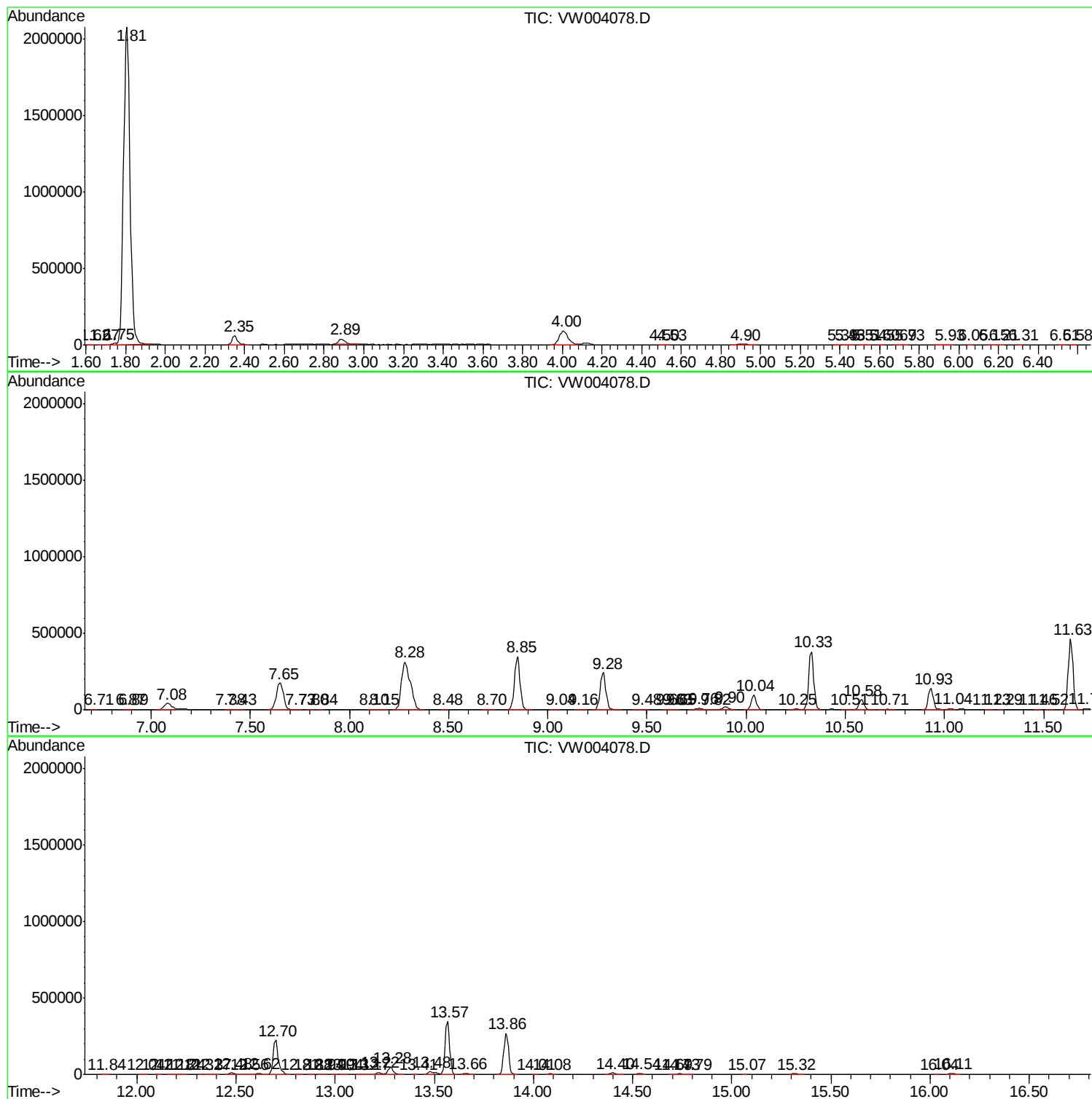
Sum of corrected areas: 11576420

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

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



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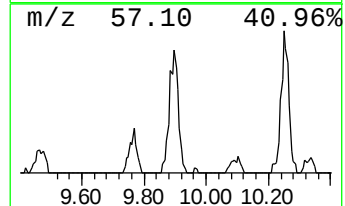
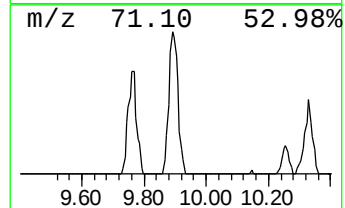
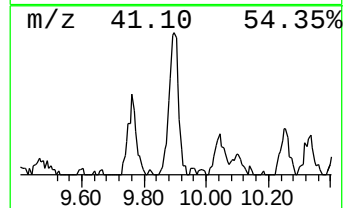
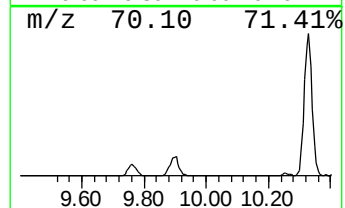
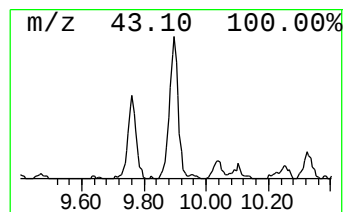
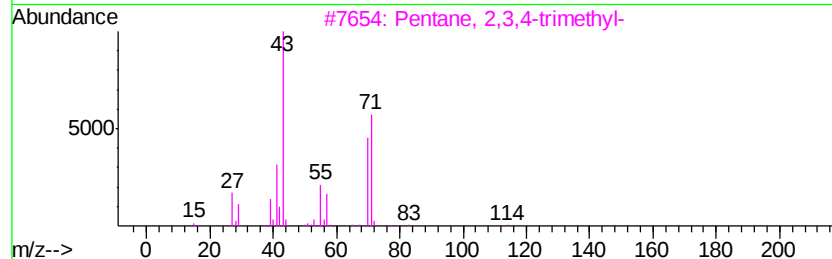
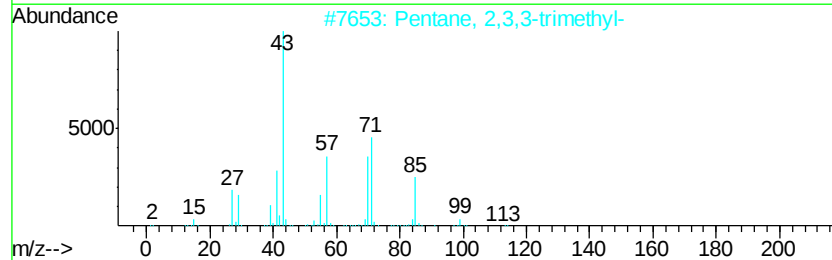
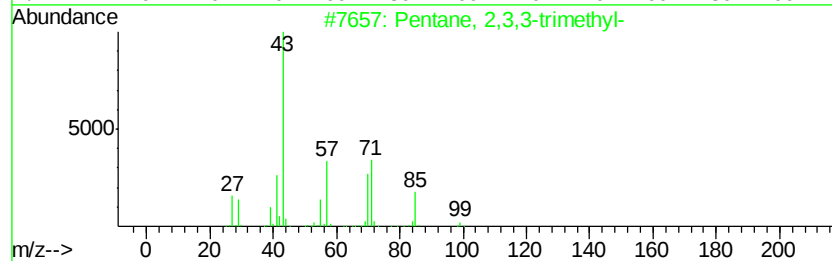
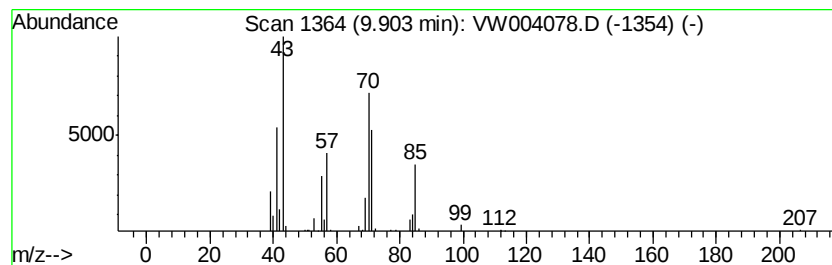
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.47 ug/L	40308	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	59



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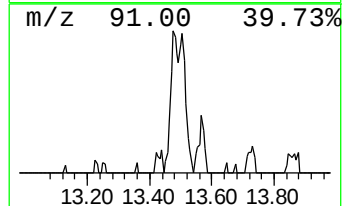
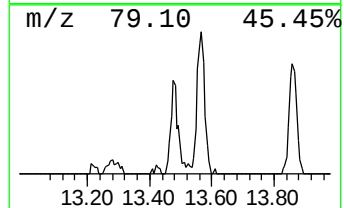
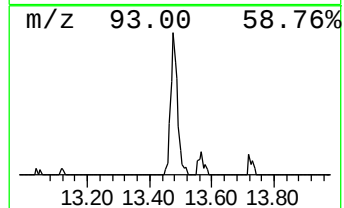
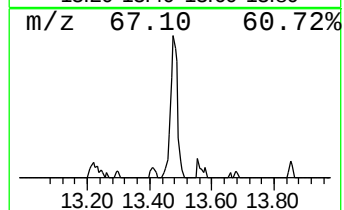
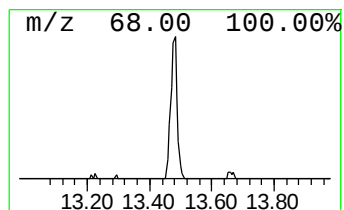
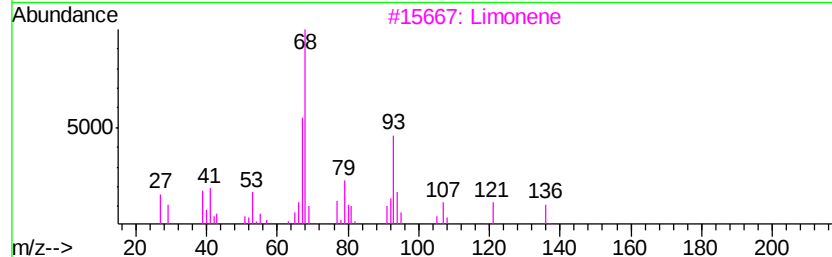
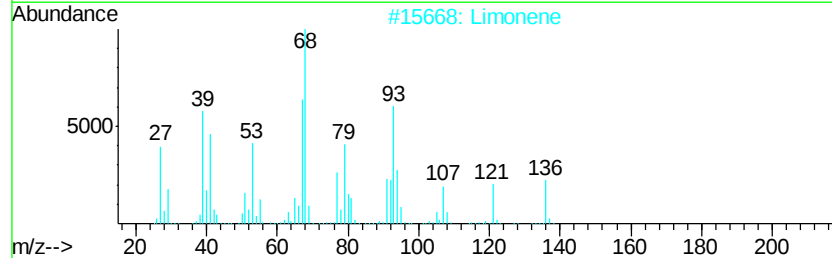
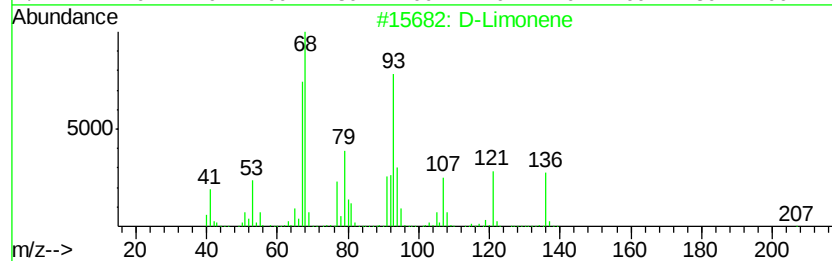
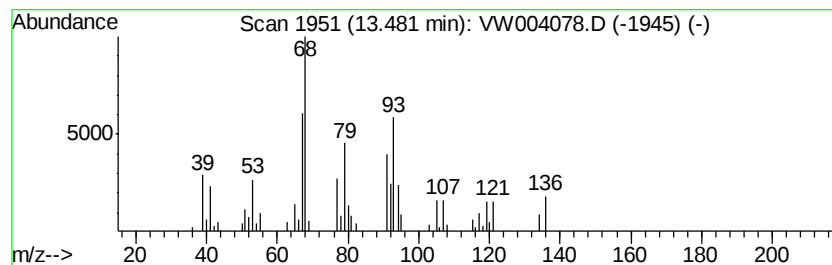
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Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.45 ug/L	31409	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		Limonene	136	C10H16	000138-86-3	94
3		Limonene	136	C10H16	000138-86-3	90
4		D-Limonene	136	C10H16	005989-27-5	90
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.90	1.5	ug/L	40308	1	8.85	684767	25.0
D-Limonene	13.48	1.5	ug/L	31409	3	13.57	541611	25.0