

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009284.D
 Acq On : 20 Mar 2019 13:48
 Operator : SY/VA
 Sample : K1986-06
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B3

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\SOM2WLM031419S.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	69	74	91	rVB	81896	196432	5.37%	1.108%
2	2.898	157	163	176	rVB	76027	202471	5.54%	1.143%
3	3.836	315	317	318	rBV	2829	1596	0.04%	0.009%
4	4.013	333	346	363	rBV	156757	559294	15.30%	3.156%
5	4.342	398	400	401	rBV	2619	2001	0.05%	0.011%
6	4.385	402	407	408	rBV3	10781	15349	0.42%	0.087%
7	4.696	456	458	461	rVB	1723	1511	0.04%	0.009%
8	4.763	466	469	470	rBV2	2949	2361	0.06%	0.013%
9	4.873	484	487	488	rBV	1981	2012	0.06%	0.011%
10	4.915	488	494	504	rVV5	9457	36420	1.00%	0.206%
11	5.086	521	522	525	rBV	1725	1941	0.05%	0.011%
12	5.312	557	559	560	rBV	2594	2028	0.06%	0.011%
13	5.525	591	594	595	rVB2	2034	1620	0.04%	0.009%
14	5.574	599	602	603	rBV	1640	1235	0.03%	0.007%
15	5.635	608	612	613	rBV2	1158	1449	0.04%	0.008%
16	5.775	633	635	638	rVB	1884	2393	0.07%	0.014%
17	5.806	638	640	643	rBV	1711	2096	0.06%	0.012%
18	5.860	648	649	652	rBV	2188	1727	0.05%	0.010%
19	5.927	652	660	668	rBV5	7567	24435	0.67%	0.138%
20	6.025	674	676	677	rBV	1143	1219	0.03%	0.007%
21	6.068	681	683	685	rVV2	1557	1151	0.03%	0.006%
22	6.116	689	691	692	rBV	1361	1358	0.04%	0.008%
23	6.135	692	694	695	rVB	1916	1108	0.03%	0.006%
24	6.220	706	708	709	rBV	1666	1406	0.04%	0.008%
25	6.281	714	718	719	rBV	1826	2474	0.07%	0.014%
26	6.379	732	734	736	rBV	1959	1737	0.05%	0.010%
27	6.598	767	770	771	rBV	2434	1709	0.05%	0.010%
28	6.726	789	791	793	rVB	3119	2560	0.07%	0.014%
29	6.744	793	794	795	rBV	1883	1125	0.03%	0.006%
30	6.763	795	797	800	rVV	1592	1713	0.05%	0.010%
31	6.897	816	819	822	rVB	2540	2810	0.08%	0.016%
32	6.927	822	824	825	rBV	1865	1613	0.04%	0.009%
33	7.074	841	848	853	rBV	58450	146428	4.01%	0.826%
34	7.159	854	862	875	rVB	897830	2374051	64.95%	13.397%

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35	7.458	910	911	916	rVB2	2210	1927	0.05%	0.011%
36	7.531	916	923	924	rBV3	3332	6585	0.18%	0.037%
37	7.641	932	941	955	rBV	269442	635503	17.39%	3.586%
38	7.939	989	990	992	rBV	1702	1174	0.03%	0.007%
39	8.275	1035	1045	1058	rBV2	493730	1478581	40.45%	8.344%
40	8.445	1071	1073	1075	rVB	2554	1774	0.05%	0.010%
41	8.512	1082	1084	1086	rBV2	1347	1398	0.04%	0.008%
42	8.695	1112	1114	1116	rBV2	2124	2499	0.07%	0.014%
43	8.787	1127	1129	1130	rBV	2456	1810	0.05%	0.010%
44	8.842	1130	1138	1151	rVV	489007	974573	26.66%	5.499%
45	9.012	1164	1166	1167	rBV	2027	1937	0.05%	0.011%
46	9.085	1170	1178	1189	rVB	1854005	3655423	100.00%	20.627%
47	9.274	1201	1209	1219	rBV	337525	691793	18.93%	3.904%
48	9.451	1236	1238	1239	rBV	1732	1431	0.04%	0.008%
49	9.598	1260	1262	1265	rBV	2734	2432	0.07%	0.014%
50	9.634	1265	1268	1269	rBV	1697	1955	0.05%	0.011%
51	9.756	1286	1288	1290	rBV	2901	1757	0.05%	0.010%
52	10.036	1327	1334	1341	rVB	185936	340576	9.32%	1.922%
53	10.250	1367	1369	1370	rVB2	1924	1184	0.03%	0.007%
54	10.323	1373	1381	1388	rVV	663469	1172725	32.08%	6.618%
55	10.421	1396	1397	1398	rBV	1920	1317	0.04%	0.007%
56	10.482	1404	1407	1409	rBV	2950	3155	0.09%	0.018%
57	10.579	1414	1423	1429	rVV	131403	236124	6.46%	1.332%
58	10.658	1432	1436	1437	rVV2	1883	2465	0.07%	0.014%
59	10.707	1439	1444	1450	rVB	35413	64946	1.78%	0.366%
60	10.859	1463	1469	1474	rBV3	22827	40032	1.10%	0.226%
61	10.927	1474	1480	1490	rVB	242985	409809	11.21%	2.313%
62	11.067	1498	1503	1513	rVB5	36311	64485	1.76%	0.364%
63	11.219	1526	1528	1530	rBV2	3033	3429	0.09%	0.019%
64	11.402	1552	1558	1559	rBV2	2855	5517	0.15%	0.031%
65	11.439	1560	1564	1570	rVB5	9357	17830	0.49%	0.101%
66	11.524	1576	1578	1581	rVB2	1337	1424	0.04%	0.008%
67	11.573	1583	1586	1587	rBV	1967	1899	0.05%	0.011%
68	11.628	1588	1595	1603	rBV	707876	1202929	32.91%	6.788%
69	11.975	1650	1652	1654	rVB2	1953	1599	0.04%	0.009%
70	12.000	1654	1656	1657	rBV	1905	1661	0.05%	0.009%
71	12.060	1661	1666	1668	rVB3	1967	3407	0.09%	0.019%

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72	12.097	1670	1672	1674	rBV3	1497	1330	0.04%	0.008%
73	12.286	1700	1703	1704	rBV2	1988	1764	0.05%	0.010%
74	12.304	1704	1706	1707	rVB	3468	1954	0.05%	0.011%
75	12.475	1726	1734	1738	rBV4	8561	15540	0.43%	0.088%
76	12.542	1742	1745	1746	rBV	1751	1609	0.04%	0.009%
77	12.609	1751	1756	1763	rVB	51629	88362	2.42%	0.499%
78	12.695	1763	1770	1779	rBV	329041	544000	14.88%	3.070%
79	12.859	1794	1797	1800	rBV4	2204	3500	0.10%	0.020%
80	12.938	1806	1810	1818	rVB4	10581	19912	0.54%	0.112%
81	13.030	1823	1825	1826	rBV	2594	2488	0.07%	0.014%
82	13.079	1831	1833	1841	rVB4	5012	8514	0.23%	0.048%
83	13.286	1862	1867	1871	rBV5	5345	10923	0.30%	0.062%
84	13.341	1875	1876	1877	rBV	2017	1209	0.03%	0.007%
85	13.365	1877	1880	1882	rBV2	6255	8004	0.22%	0.045%
86	13.475	1892	1898	1905	rBV3	34337	59229	1.62%	0.334%
87	13.560	1905	1912	1919	rBV	734206	1151741	31.51%	6.499%
88	13.761	1941	1945	1949	rBV4	7029	12316	0.34%	0.069%
89	13.853	1954	1960	1967	rBV	624335	1055151	28.87%	5.954%
90	14.078	1992	1997	2007	rVB2	24219	45597	1.25%	0.257%
91	14.213	2015	2019	2022	rBV3	4805	7353	0.20%	0.041%
92	15.078	2159	2161	2162	rBV2	2441	1719	0.05%	0.010%
93	15.151	2171	2173	2176	rBV	1614	1223	0.03%	0.007%
94	15.353	2204	2206	2207	rVB	2325	1140	0.03%	0.006%
95	15.444	2214	2221	2226	rBV4	12163	25493	0.70%	0.144%
96	16.041	2317	2319	2321	rBV	2634	2397	0.07%	0.014%
97	16.109	2327	2330	2331	rBV2	1775	1847	0.05%	0.010%
98	16.517	2395	2397	2402	rBV3	2349	2974	0.08%	0.017%
99	16.657	2418	2420	2424	rVB4	1944	1828	0.05%	0.010%
100	16.724	2427	2431	2432	rBV4	1550	2194	0.06%	0.012%

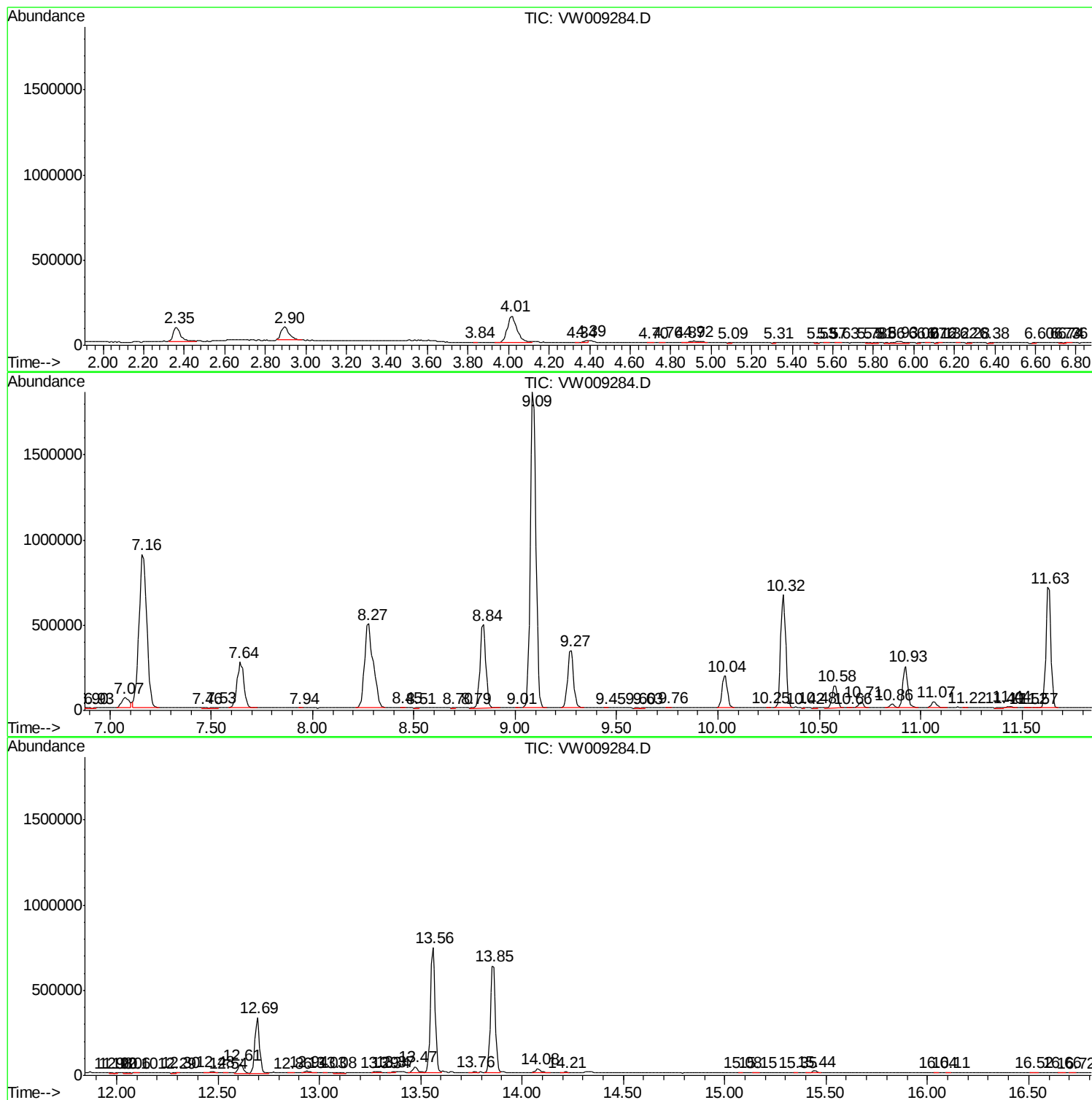
Sum of corrected areas: 17721209

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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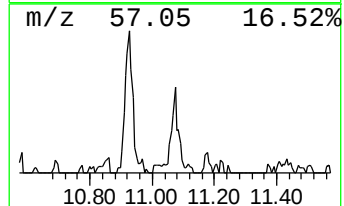
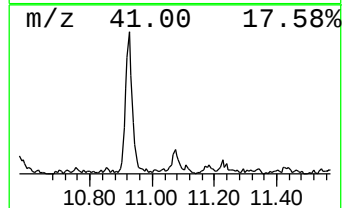
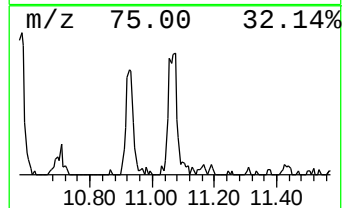
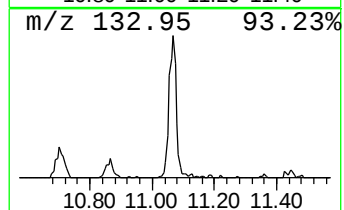
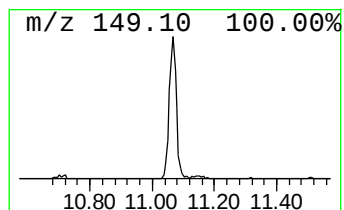
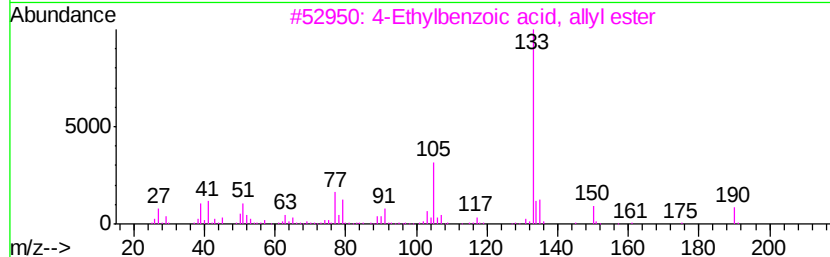
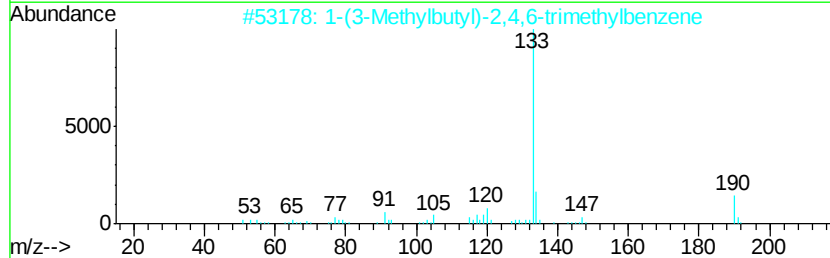
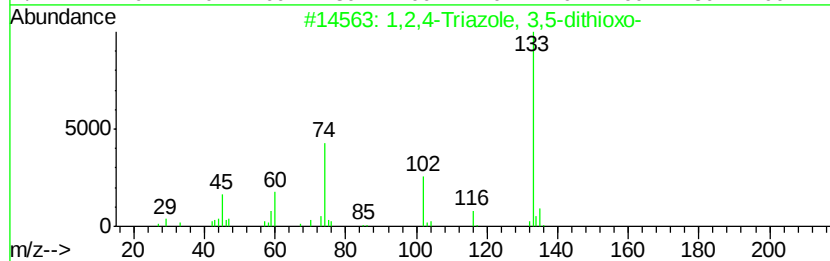
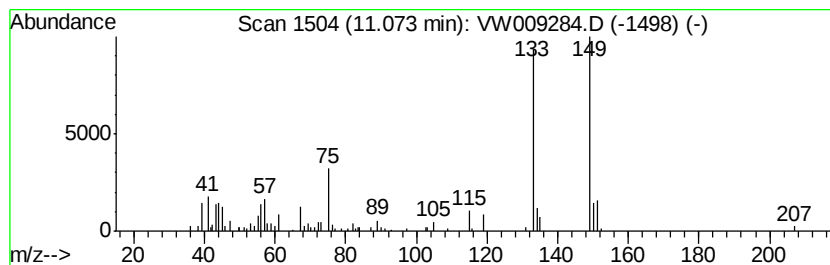
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.34 ug/L	64485	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	25
2		1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	25
3		4-Ethylbenzoic acid, allyl ester	190	C12H14O2	1000293-31-7	23
4		(1-t-Butylthiovinloxy)trimethyl...	204	C9H20OSSI	063584-47-4	23
5		4-Ethylbenzoic acid, 2-butyl ester	206	C13H18O2	1000293-31-8	23



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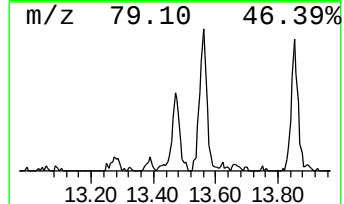
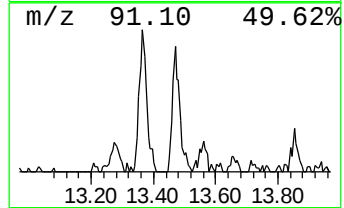
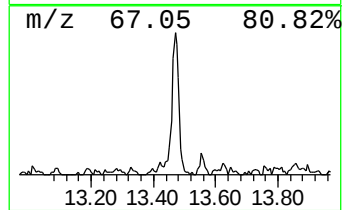
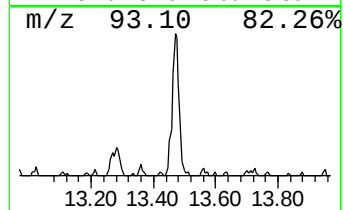
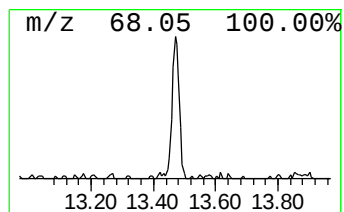
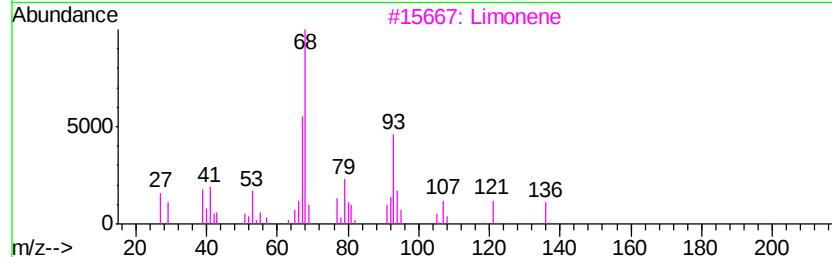
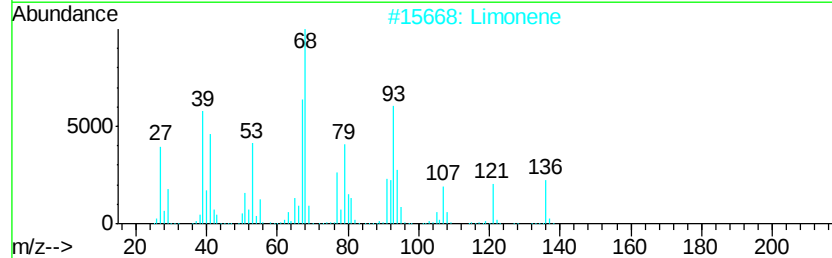
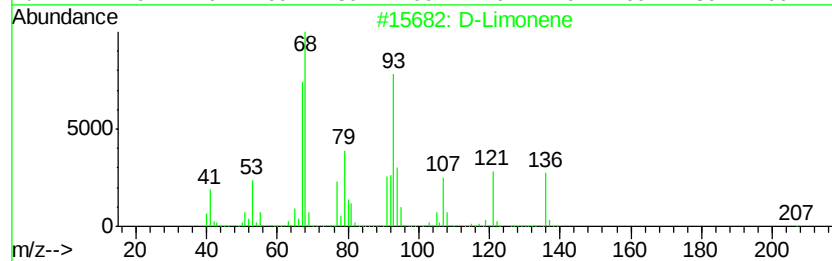
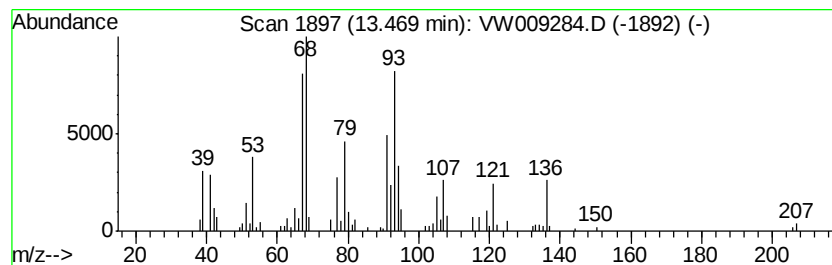
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Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.29 ug/L	59229	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	94
2		Limonene	136	C10H16	000138-86-3	86
3		Limonene	136	C10H16	000138-86-3	86
4		D-Limonene	136	C10H16	005989-27-5	64
5		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.07	1.3	ug/L	64485	2	11.63	1202930	25.0
D-Limonene	13.47	1.3	ug/L	59229	3	13.56	1151740	25.0