

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121920\
 Data File : VY003826.D
 Acq On : 19 Dec 2020 12:10
 Operator : SY/MD
 Sample : L5151-09
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VHBLK02

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_Y\METHODS\SOM2YLM121420S.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	2.247	65	70	81	rVB	85023	138603	13.19%	1.999%
2	2.772	149	156	168	rVB2	65812	125713	11.97%	1.813%
3	3.259	231	236	237	rBV2	1084	1503	0.14%	0.022%
4	3.345	248	250	251	rBV	431	327	0.03%	0.005%
5	3.546	281	283	287	rVB2	346	248	0.02%	0.004%
6	3.863	325	335	349	rBV	131140	354462	33.74%	5.112%
7	4.125	375	378	379	rBV2	289	353	0.03%	0.005%
8	4.198	388	390	391	rBV	258	229	0.02%	0.003%
9	4.210	391	392	394	rVV2	297	211	0.02%	0.003%
10	4.247	394	398	399	rBV3	390	452	0.04%	0.007%
11	4.338	411	413	415	rBV	274	235	0.02%	0.003%
12	4.418	422	426	427	rBV	186	200	0.02%	0.003%
13	4.625	458	460	462	rBV	264	214	0.02%	0.003%
14	4.729	468	477	494	rVB3	7442	24713	2.35%	0.356%
15	4.844	494	496	499	rBV3	290	330	0.03%	0.005%
16	4.893	503	504	505	rBV	346	204	0.02%	0.003%
17	5.198	553	554	556	rBV	325	248	0.02%	0.004%
18	5.283	565	568	571	rBV3	242	304	0.03%	0.004%
19	5.350	577	579	580	rBV3	311	248	0.02%	0.004%
20	5.405	585	588	594	rVB2	317	587	0.06%	0.008%
21	5.460	594	597	598	rBV	201	218	0.02%	0.003%
22	5.552	610	612	613	rBV	400	338	0.03%	0.005%
23	5.753	640	645	650	rBV4	1823	3704	0.35%	0.053%
24	5.838	657	659	661	rVB2	317	296	0.03%	0.004%
25	5.936	672	675	677	rBV2	325	329	0.03%	0.005%
26	6.210	716	720	721	rVV	201	283	0.03%	0.004%
27	6.228	721	723	726	rVB3	193	245	0.02%	0.004%
28	6.289	732	733	736	rVB	478	246	0.02%	0.004%
29	6.362	742	745	747	rVB3	229	249	0.02%	0.004%
30	6.399	750	751	754	rVB2	194	203	0.02%	0.003%
31	6.460	757	761	764	rVB	360	394	0.04%	0.006%
32	6.497	765	767	770	rVB2	310	324	0.03%	0.005%
33	6.539	770	774	777	rBV2	304	434	0.04%	0.006%
34	6.606	782	785	786	rBV2	244	212	0.02%	0.003%

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 Title : VOC Analysis

35	6.631	787	789	792	rVB	318	286	0.03%	0.004%
36	6.795	813	816	820	rBV	297	358	0.03%	0.005%
37	6.905	820	834	842	rBV	31893	90197	8.58%	1.301%
38	6.996	844	849	861	rVB	17302	52199	4.97%	0.753%
39	7.490	919	930	942	rVB	142130	346648	32.99%	5.000%
40	7.643	953	955	957	rBV3	324	260	0.02%	0.004%
41	7.691	960	963	966	rBV4	1212	2009	0.19%	0.029%
42	7.862	989	991	993	rBV	396	276	0.03%	0.004%
43	7.923	1000	1001	1003	rBV	458	414	0.04%	0.006%
44	8.118	1023	1033	1050	rVV3	363795	1050657	100.00%	15.154%
45	8.326	1065	1067	1071	rBV2	372	554	0.05%	0.008%
46	8.386	1075	1077	1078	rBV	295	253	0.02%	0.004%
47	8.490	1089	1094	1095	rBV	294	387	0.04%	0.006%
48	8.697	1118	1128	1136	rBV	263626	535382	50.96%	7.722%
49	8.795	1142	1144	1146	rVB	400	267	0.03%	0.004%
50	8.929	1160	1166	1173	rVB2	10127	19089	1.82%	0.275%
51	9.124	1190	1198	1208	rBV	196452	380979	36.26%	5.495%
52	9.277	1221	1223	1226	rVB	290	275	0.03%	0.004%
53	9.502	1255	1260	1261	rBV2	494	772	0.07%	0.011%
54	9.618	1275	1279	1285	rBV3	876	1495	0.14%	0.022%
55	9.746	1295	1300	1307	rVB4	2158	4324	0.41%	0.062%
56	9.825	1310	1313	1314	rVV	318	351	0.03%	0.005%
57	9.844	1314	1316	1317	rVV	662	591	0.06%	0.009%
58	9.892	1317	1324	1334	rVB	120612	211541	20.13%	3.051%
59	9.978	1334	1338	1340	rBV3	500	653	0.06%	0.009%
60	10.075	1350	1354	1358	rBV2	1164	1664	0.16%	0.024%
61	10.118	1358	1361	1363	rBV3	669	766	0.07%	0.011%
62	10.179	1364	1371	1379	rVV	437492	756220	71.98%	10.907%
63	10.441	1406	1414	1423	rVB	82883	136326	12.98%	1.966%
64	10.581	1430	1437	1445	rVV	45867	80148	7.63%	1.156%
65	10.709	1453	1458	1464	rBV2	1686	2719	0.26%	0.039%
66	10.788	1464	1471	1482	rVV	135900	214239	20.39%	3.090%
67	10.953	1491	1498	1510	rBV	23441	47516	4.52%	0.685%
68	11.270	1548	1550	1552	rBV	650	618	0.06%	0.009%
69	11.319	1552	1558	1564	rVB	25217	40672	3.87%	0.587%
70	11.490	1578	1586	1594	rBV	410168	649705	61.84%	9.371%
71	11.593	1600	1603	1607	rVV2	728	759	0.07%	0.011%

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72	11.776	1631	1633	1636	rBV2	217	261	0.02%	0.004%
73	12.002	1666	1670	1671	rVV2	259	335	0.03%	0.005%
74	12.032	1673	1675	1681	rVB5	894	1278	0.12%	0.018%
75	12.124	1688	1690	1692	rBV	229	219	0.02%	0.003%
76	12.203	1700	1703	1706	rBV	395	564	0.05%	0.008%
77	12.288	1714	1717	1720	rBV2	332	347	0.03%	0.005%
78	12.331	1720	1724	1728	rBV4	1007	1195	0.11%	0.017%
79	12.489	1742	1750	1756	rBV	33513	57472	5.47%	0.829%
80	12.563	1756	1762	1770	rVB	166986	266439	25.36%	3.843%
81	12.837	1798	1807	1813	rVV8	3655	8366	0.80%	0.121%
82	12.959	1824	1827	1829	rBV3	349	472	0.04%	0.007%
83	13.069	1842	1845	1848	rBV2	412	642	0.06%	0.009%
84	13.184	1857	1864	1870	rVB	5365	8654	0.82%	0.125%
85	13.282	1877	1880	1883	rVB4	947	1222	0.12%	0.018%
86	13.337	1883	1889	1890	rBV3	430	669	0.06%	0.010%
87	13.361	1890	1893	1894	rBV2	567	590	0.06%	0.009%
88	13.422	1897	1903	1910	rBV	430386	643172	61.22%	9.276%
89	13.642	1936	1939	1942	rBV3	775	818	0.08%	0.012%
90	13.721	1945	1952	1959	rVB	402497	630091	59.97%	9.088%
91	13.818	1966	1968	1969	rBV2	378	321	0.03%	0.005%
92	13.965	1987	1992	1998	rVB	7756	13044	1.24%	0.188%
93	14.203	2024	2031	2034	rBV4	683	1326	0.13%	0.019%
94	14.404	2061	2064	2066	rBV3	671	774	0.07%	0.011%
95	14.574	2090	2092	2096	rBV3	341	378	0.04%	0.005%
96	14.611	2096	2098	2099	rBV	368	334	0.03%	0.005%
97	14.776	2123	2125	2127	rBV	365	335	0.03%	0.005%
98	14.977	2156	2158	2160	rBV2	488	517	0.05%	0.007%
99	15.001	2160	2162	2168	rVB4	1621	2329	0.22%	0.034%
100	15.312	2211	2213	2219	rVB2	2299	2772	0.26%	0.040%

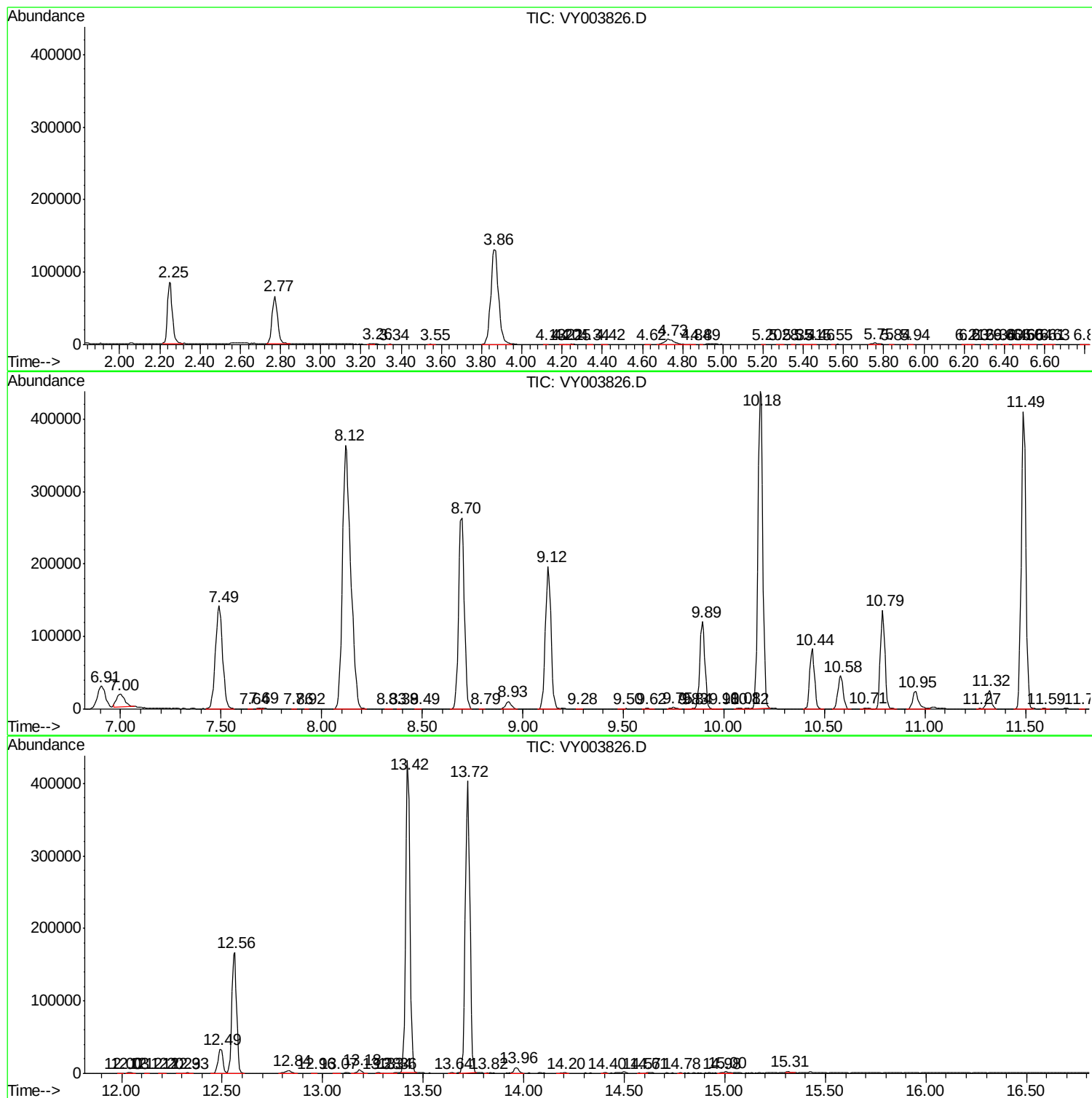
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis

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



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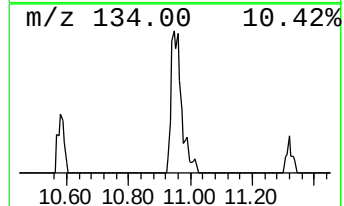
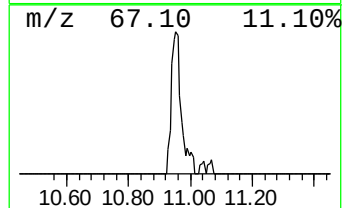
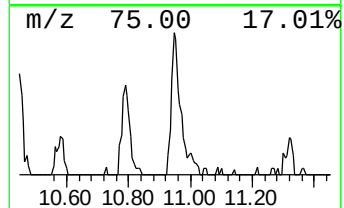
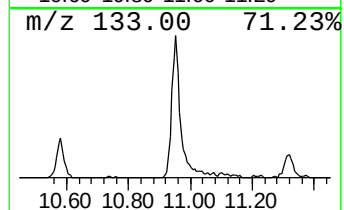
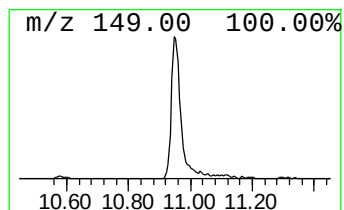
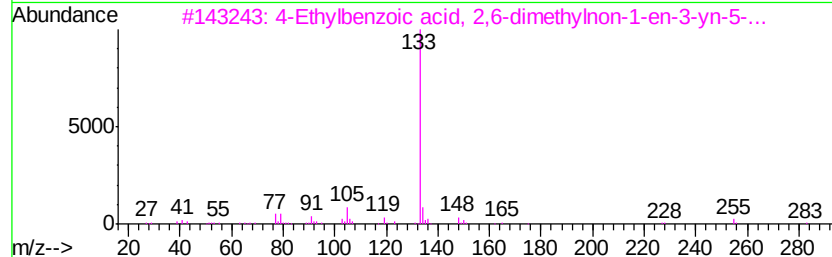
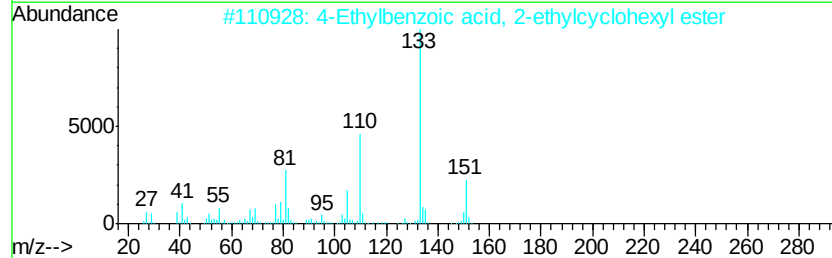
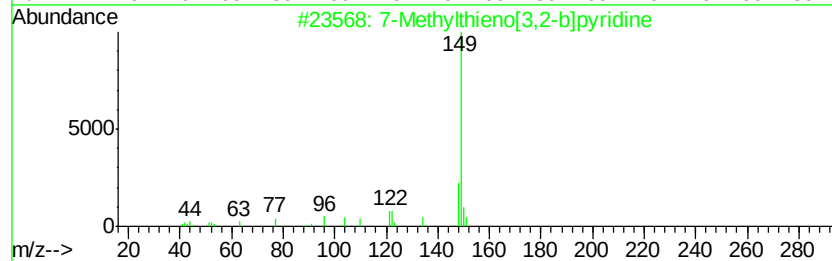
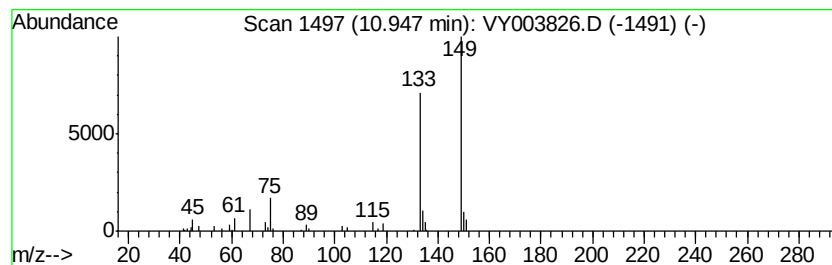
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	1.83 ug/L	47516	Chlorobenzene-d5	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	25
2		4-Ethylbenzoic acid, 2-ethylcyclo...	260	C17H24O2	1000293-32-4	17
3		4-Ethylbenzoic acid, 2,6-dimethy...	298	C20H26O2	1000292-54-7	17
4		4-Ethylbenzoic acid, 2-ethoxyeth...	222	C13H18O3	1000331-30-9	17
5		Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	17



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.95	1.8	ug/L	47516	2	11.49	649705	25.0