

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003699.D
 Acq On : 09 Dec 2020 14:40
 Operator : SY/MD
 Sample : L4980-02
 Misc : 6.20G/10ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1E7

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\SOM2YLM120420S.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	2.077	39	42	49	rVB	15549	21337	3.02%	0.403%
2	2.247	65	70	82	rBV2	63371	105553	14.95%	1.992%
3	2.772	149	156	167	rBV	43230	85971	12.18%	1.623%
4	2.912	173	179	191	rVB2	11850	26234	3.72%	0.495%
5	3.259	230	236	245	rBV3	5160	11781	1.67%	0.222%
6	3.588	288	290	293	rVB3	400	359	0.05%	0.007%
7	3.747	314	316	319	rBV2	277	395	0.06%	0.007%
8	3.863	324	335	347	rBV2	95546	253241	35.87%	4.780%
9	4.113	374	376	379	rVB3	480	352	0.05%	0.007%
10	4.204	387	391	392	rBV3	684	935	0.13%	0.018%
11	4.594	454	455	457	rBV	242	242	0.03%	0.005%
12	4.735	468	478	497	rVB8	7043	30787	4.36%	0.581%
13	4.948	511	513	515	rBV2	375	275	0.04%	0.005%
14	5.082	531	535	540	rVB3	382	670	0.09%	0.013%
15	5.137	540	544	546	rBV	226	349	0.05%	0.007%
16	5.253	553	563	574	rVV6	1701	6101	0.86%	0.115%
17	5.387	584	585	589	rBV	299	261	0.04%	0.005%
18	5.417	589	590	597	rVV3	233	358	0.05%	0.007%
19	5.588	613	618	619	rBV2	755	900	0.13%	0.017%
20	5.771	639	648	655	rVV7	2749	8281	1.17%	0.156%
21	5.826	655	657	661	rVB2	250	254	0.04%	0.005%
22	5.862	661	663	665	rVB	299	236	0.03%	0.004%
23	5.893	665	668	671	rBV	265	378	0.05%	0.007%
24	6.003	684	686	687	rBV	275	238	0.03%	0.004%
25	6.125	704	706	709	rBV2	325	437	0.06%	0.008%
26	6.173	712	714	718	rVB2	167	254	0.04%	0.005%
27	6.253	725	727	731	rVB	298	329	0.05%	0.006%
28	6.466	759	762	764	rBV	355	388	0.05%	0.007%
29	6.643	788	791	794	rVV2	183	234	0.03%	0.004%
30	6.716	798	803	807	rVB4	750	1299	0.18%	0.025%
31	6.789	812	815	816	rBV	856	726	0.10%	0.014%
32	6.899	824	833	845	rBV	26754	74867	10.60%	1.413%
33	7.234	886	888	892	rBV2	286	339	0.05%	0.006%
34	7.326	901	903	904	rBV	510	386	0.05%	0.007%

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 Title : VOC Analysis

35	7.362	905	909	914	rVB4	1247	2674	0.38%	0.050%
36	7.490	920	930	944	rVB2	115737	281277	39.84%	5.309%
37	7.777	964	977	986	rBV5	2613	8118	1.15%	0.153%
38	8.008	1008	1015	1021	rBV3	1805	3616	0.51%	0.068%
39	8.118	1023	1033	1049	rVV2	237108	705984	100.00%	13.324%
40	8.350	1070	1071	1074	rVB3	356	263	0.04%	0.005%
41	8.405	1076	1080	1083	rBV3	741	1339	0.19%	0.025%
42	8.496	1090	1095	1096	rBV	310	472	0.07%	0.009%
43	8.551	1100	1104	1112	rBV4	3360	6025	0.85%	0.114%
44	8.697	1120	1128	1137	rVB	218412	423849	60.04%	7.999%
45	8.935	1160	1167	1175	rVB3	4917	10574	1.50%	0.200%
46	9.124	1189	1198	1206	rBV	156864	319053	45.19%	6.022%
47	9.252	1217	1219	1221	rBV3	418	304	0.04%	0.006%
48	9.325	1229	1231	1234	rVB	354	441	0.06%	0.008%
49	9.374	1235	1239	1243	rBV3	794	1087	0.15%	0.021%
50	9.508	1258	1261	1266	rBV4	621	978	0.14%	0.018%
51	9.600	1274	1276	1279	rBV	357	420	0.06%	0.008%
52	9.642	1281	1283	1286	rBV2	464	604	0.09%	0.011%
53	9.819	1306	1312	1317	rVB6	1158	2211	0.31%	0.042%
54	9.892	1317	1324	1332	rBV	96368	169027	23.94%	3.190%
55	10.045	1346	1349	1351	rBV2	299	386	0.05%	0.007%
56	10.106	1355	1359	1361	rBV2	282	257	0.04%	0.005%
57	10.185	1364	1372	1378	rVV	345007	602323	85.32%	11.368%
58	10.246	1378	1382	1388	rVB	16815	28774	4.08%	0.543%
59	10.307	1388	1392	1394	rBV2	569	799	0.11%	0.015%
60	10.441	1407	1414	1423	rBV	68436	113146	16.03%	2.135%
61	10.520	1425	1427	1432	rVB2	1401	1774	0.25%	0.033%
62	10.575	1432	1436	1441	rBV3	943	1504	0.21%	0.028%
63	10.679	1448	1453	1455	rBV2	347	592	0.08%	0.011%
64	10.715	1456	1459	1464	rVB4	1046	1261	0.18%	0.024%
65	10.788	1464	1471	1484	rBV	119666	190693	27.01%	3.599%
66	10.929	1492	1494	1499	rBV4	1560	2109	0.30%	0.040%
67	11.038	1508	1512	1516	rVB4	1355	2325	0.33%	0.044%
68	11.087	1518	1520	1521	rBV	607	618	0.09%	0.012%
69	11.136	1526	1528	1531	rVB	420	328	0.05%	0.006%
70	11.294	1548	1554	1559	rVB5	1074	2401	0.34%	0.045%
71	11.386	1564	1569	1572	rBV2	675	1079	0.15%	0.020%

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72	11.489	1579	1586	1597	rBV	326099	524931	74.35%	9.907%
73	11.593	1597	1603	1611	rVB	18075	29006	4.11%	0.547%
74	11.666	1611	1615	1616	rBV2	562	605	0.09%	0.011%
75	11.697	1616	1620	1629	rBV3	4565	9367	1.33%	0.177%
76	11.989	1665	1668	1671	rBV2	382	674	0.10%	0.013%
77	12.032	1671	1675	1681	rVB4	2774	4324	0.61%	0.082%
78	12.209	1701	1704	1706	rBV2	709	846	0.12%	0.016%
79	12.325	1720	1723	1724	rBV3	532	515	0.07%	0.010%
80	12.398	1733	1735	1739	rVB2	277	317	0.04%	0.006%
81	12.489	1746	1750	1753	rBV3	1066	1356	0.19%	0.026%
82	12.562	1755	1762	1769	rVV	146506	237021	33.57%	4.473%
83	12.672	1775	1780	1786	rVB2	1747	2696	0.38%	0.051%
84	12.727	1787	1789	1793	rBV2	807	1073	0.15%	0.020%
85	12.806	1800	1802	1806	rVB4	1593	1923	0.27%	0.036%
86	13.123	1849	1854	1859	rVB2	3017	4529	0.64%	0.085%
87	13.251	1873	1875	1877	rBV3	397	330	0.05%	0.006%
88	13.422	1897	1903	1915	rVB	299672	474457	67.21%	8.955%
89	13.623	1934	1936	1939	rBV2	805	1019	0.14%	0.019%
90	13.721	1945	1952	1959	rVB	298975	468017	66.29%	8.833%
91	13.867	1975	1976	1980	rBV2	444	636	0.09%	0.012%
92	13.971	1989	1993	1997	rVB4	2074	3024	0.43%	0.057%
93	14.178	2025	2027	2028	rBV	405	287	0.04%	0.005%
94	14.202	2028	2031	2036	rVV5	1566	2440	0.35%	0.046%
95	14.263	2039	2041	2042	rBV2	504	240	0.03%	0.005%
96	14.337	2051	2053	2055	rVB	580	443	0.06%	0.008%
97	14.410	2061	2065	2069	rVB5	1198	1774	0.25%	0.033%
98	14.586	2092	2094	2101	rBV3	563	1007	0.14%	0.019%
99	14.946	2151	2153	2155	rBV2	813	606	0.09%	0.011%
100	15.239	2196	2201	2205	rVB5	978	1571	0.22%	0.030%

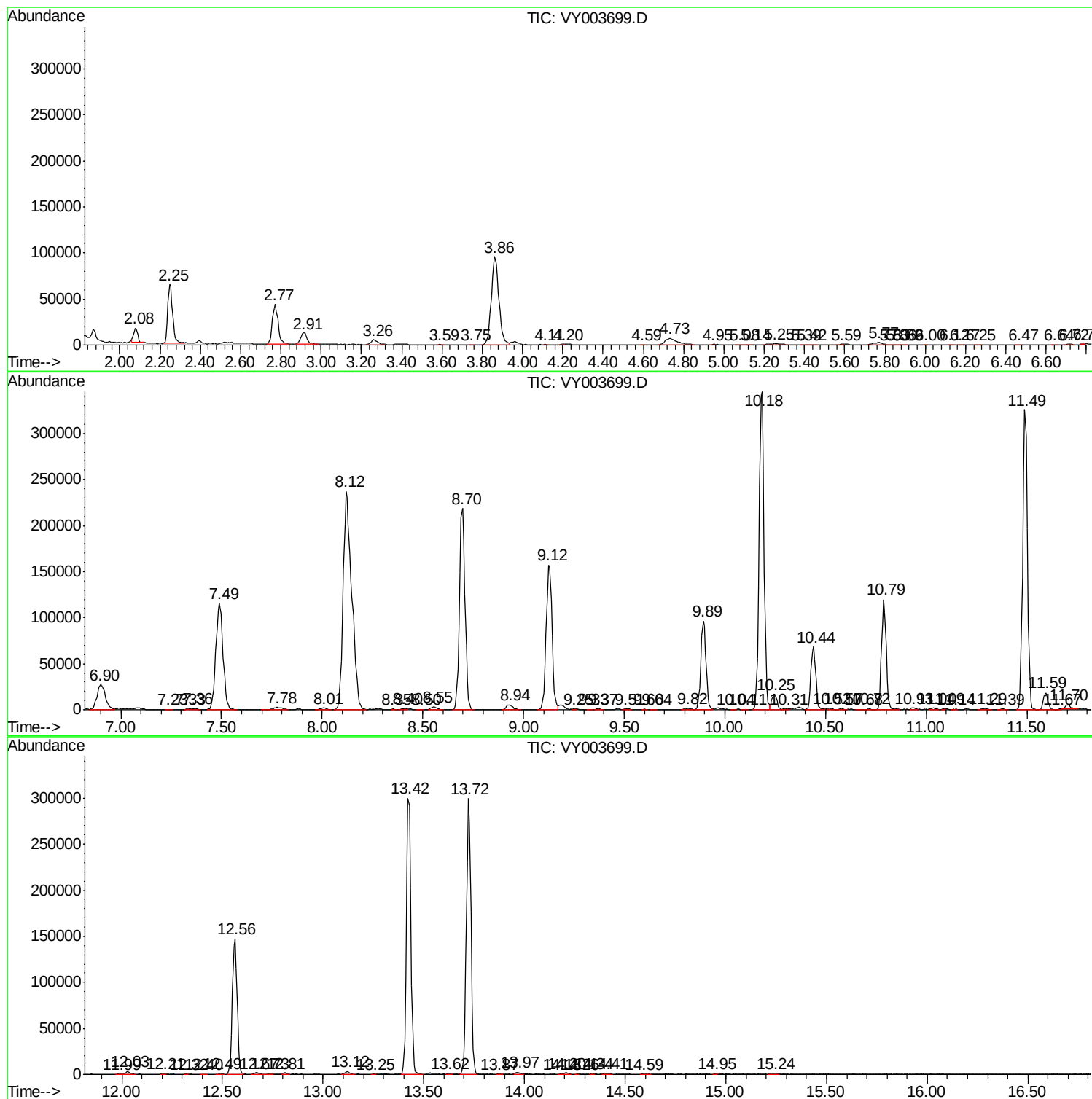
Sum of corrected areas: 5298466

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis

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



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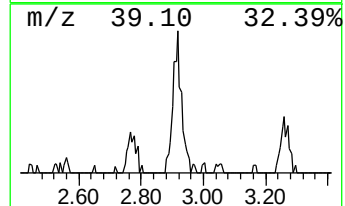
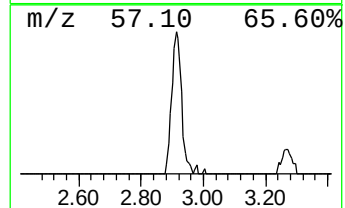
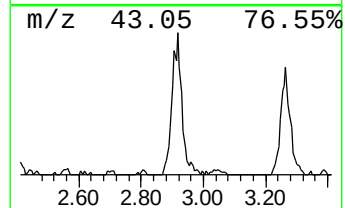
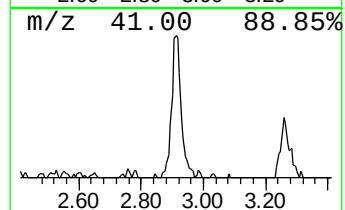
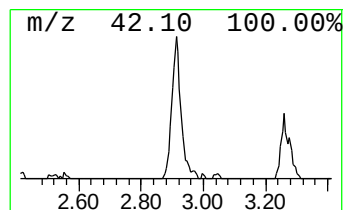
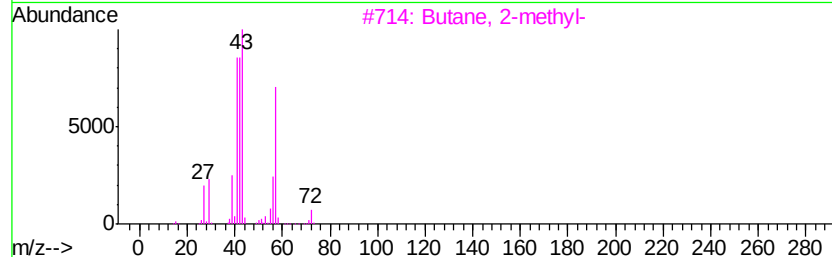
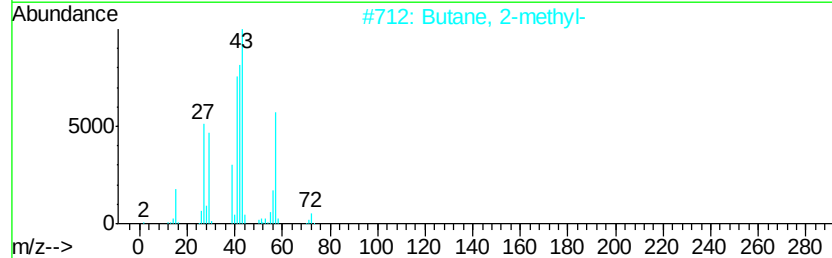
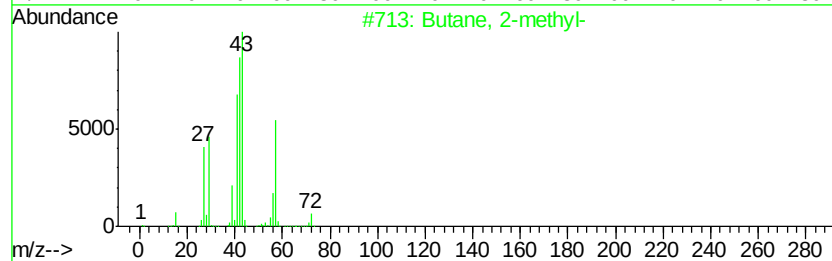
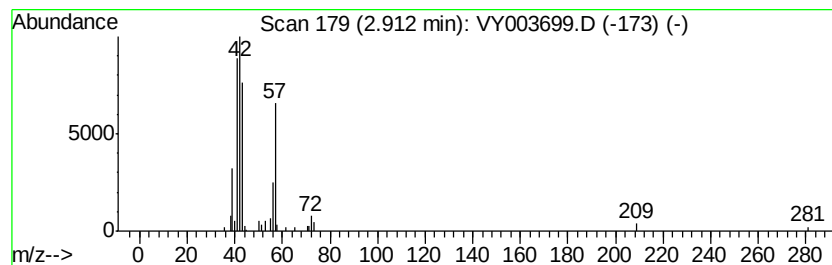
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	1.55 ug/L	26234	1,4-Difluorobenzene	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	72
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			Butane, 2-methyl-	72	C5H12	000078-78-4	52
4			3-Buten-1-ol	72	C4H8O	000627-27-0	25
5			3-Buten-1-ol	72	C4H8O	000627-27-0	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.91	1.6	ug/L	26234	1	8.70	423849	25.0