

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003705.D
 Acq On : 09 Dec 2020 16:56
 Operator : SY/MD
 Sample : L4979-09
 Misc : 6.19G/10ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F9

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	37	42	48	rVB2	15145	24212	3.42%	0.454%
2	2.247	65	70	82	rVB2	59941	101395	14.32%	1.901%
3	2.400	90	95	99	rVB2	3188	5032	0.71%	0.094%
4	2.772	150	156	170	rVB	40765	83708	11.82%	1.569%
5	2.918	173	180	189	rVV2	11392	25817	3.65%	0.484%
6	3.265	231	237	246	rVB3	4874	11313	1.60%	0.212%
7	3.863	325	335	345	rBV	90052	245408	34.66%	4.600%
8	4.082	369	371	373	rBV	319	343	0.05%	0.006%
9	4.107	373	375	377	rVB2	513	378	0.05%	0.007%
10	4.210	384	392	398	rBV5	809	2248	0.32%	0.042%
11	4.399	420	423	425	rBV	307	426	0.06%	0.008%
12	4.485	434	437	440	rBV2	326	340	0.05%	0.006%
13	4.661	463	466	468	rBV	341	410	0.06%	0.008%
14	4.728	468	477	487	rBV3	9902	33611	4.75%	0.630%
15	4.905	503	506	510	rBV3	247	365	0.05%	0.007%
16	4.954	510	514	515	rBV3	352	445	0.06%	0.008%
17	5.119	539	541	545	rVB2	278	370	0.05%	0.007%
18	5.174	547	550	553	rBV2	309	439	0.06%	0.008%
19	5.247	555	562	564	rBV3	1432	2966	0.42%	0.056%
20	5.423	587	591	592	rBV2	356	333	0.05%	0.006%
21	5.576	613	616	618	rBV3	699	881	0.12%	0.017%
22	5.765	638	647	659	rVB4	2579	7908	1.12%	0.148%
23	5.923	671	673	675	rVV2	412	345	0.05%	0.006%
24	6.521	768	771	774	rBV2	219	381	0.05%	0.007%
25	6.692	797	799	801	rBV	353	342	0.05%	0.006%
26	6.807	811	818	824	rBV6	987	2789	0.39%	0.052%
27	6.905	824	834	845	rVV	27583	77979	11.01%	1.462%
28	7.094	859	865	874	rVB4	1258	3187	0.45%	0.060%
29	7.356	903	908	916	rVV4	2296	5560	0.79%	0.104%
30	7.490	920	930	945	rVB	111057	277206	39.15%	5.196%
31	7.740	968	971	972	rBV2	332	360	0.05%	0.007%
32	7.771	972	976	978	rBV3	2037	2810	0.40%	0.053%
33	8.008	1012	1015	1022	rVB4	1695	2581	0.36%	0.048%
34	8.118	1022	1033	1050	rBV2	232126	708127	100.00%	13.274%

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 Title : VOC Analysis

35	8.271	1057	1058	1063	rVB4	648	840	0.12%	0.016%
36	8.356	1070	1072	1075	rVB2	702	696	0.10%	0.013%
37	8.411	1075	1081	1082	rBV4	962	1671	0.24%	0.031%
38	8.557	1095	1105	1111	rBV5	3092	6649	0.94%	0.125%
39	8.697	1119	1128	1137	rBV	223784	433076	61.16%	8.118%
40	8.929	1159	1166	1173	rVV3	5829	10812	1.53%	0.203%
41	9.124	1190	1198	1206	rBV	156251	316196	44.65%	5.927%
42	9.258	1215	1220	1221	rBV2	660	958	0.14%	0.018%
43	9.368	1233	1238	1241	rBV4	658	1215	0.17%	0.023%
44	9.465	1250	1254	1258	rVB3	554	771	0.11%	0.014%
45	9.514	1258	1262	1267	rVB2	1027	1428	0.20%	0.027%
46	9.612	1276	1278	1281	rVV3	465	451	0.06%	0.008%
47	9.728	1295	1297	1299	rBV2	352	349	0.05%	0.007%
48	9.825	1308	1313	1317	rBV6	1217	2391	0.34%	0.045%
49	9.892	1317	1324	1332	rBV	94082	164654	23.25%	3.086%
50	9.953	1332	1334	1335	rBV2	995	878	0.12%	0.016%
51	10.045	1344	1349	1350	rBV2	288	409	0.06%	0.008%
52	10.075	1353	1354	1361	rVB2	462	626	0.09%	0.012%
53	10.185	1361	1372	1378	rBV	340722	592679	83.70%	11.110%
54	10.246	1378	1382	1389	rVV2	19974	35419	5.00%	0.664%
55	10.301	1389	1391	1395	rVV3	758	962	0.14%	0.018%
56	10.374	1395	1403	1407	rVB6	2824	6360	0.90%	0.119%
57	10.441	1407	1414	1422	rBV	72104	115450	16.30%	2.164%
58	10.520	1424	1427	1431	rBV4	1111	1402	0.20%	0.026%
59	10.569	1433	1435	1437	rBV	465	544	0.08%	0.010%
60	10.788	1465	1471	1483	rVV	122490	195860	27.66%	3.671%
61	10.935	1492	1495	1502	rVB4	1402	2543	0.36%	0.048%
62	11.044	1508	1513	1516	rVB4	1153	1832	0.26%	0.034%
63	11.093	1518	1521	1527	rVB4	1175	1763	0.25%	0.033%
64	11.252	1544	1547	1548	rBV2	334	402	0.06%	0.008%
65	11.294	1549	1554	1558	rVV5	1038	1996	0.28%	0.037%
66	11.380	1562	1568	1573	rVB4	664	1430	0.20%	0.027%
67	11.489	1579	1586	1597	rBV	328393	533094	75.28%	9.993%
68	11.593	1597	1603	1612	rVB	20943	33940	4.79%	0.636%
69	11.697	1616	1620	1626	rBV3	5301	9872	1.39%	0.185%
70	12.002	1663	1670	1671	rBV3	518	987	0.14%	0.019%
71	12.038	1671	1676	1680	rVV3	2624	4176	0.59%	0.078%

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72	12.111	1686	1688	1695	rVB4	523	681	0.10%	0.013%
73	12.203	1699	1703	1705	rBV3	775	983	0.14%	0.018%
74	12.239	1707	1709	1713	rVB3	802	868	0.12%	0.016%
75	12.331	1722	1724	1728	rVV2	406	566	0.08%	0.011%
76	12.477	1745	1748	1749	rBV	524	518	0.07%	0.010%
77	12.489	1749	1750	1755	rVV2	981	1122	0.16%	0.021%
78	12.562	1755	1762	1770	rVB	158049	249211	35.19%	4.671%
79	12.672	1775	1780	1784	rVB	1800	2992	0.42%	0.056%
80	12.739	1784	1791	1793	rBV2	1259	1873	0.26%	0.035%
81	12.800	1798	1801	1808	rVB6	1843	3001	0.42%	0.056%
82	13.117	1849	1853	1858	rBV3	2728	4339	0.61%	0.081%
83	13.270	1877	1878	1882	rVB2	733	739	0.10%	0.014%
84	13.367	1891	1894	1896	rBV2	544	505	0.07%	0.009%
85	13.428	1897	1904	1914	rVB	299654	473122	66.81%	8.869%
86	13.532	1917	1921	1927	rVV6	1393	2602	0.37%	0.049%
87	13.721	1945	1952	1961	rVB	293129	463623	65.47%	8.691%
88	13.818	1967	1968	1972	rBV3	301	379	0.05%	0.007%
89	13.965	1987	1992	1996	rVB4	2130	2933	0.41%	0.055%
90	14.080	2008	2011	2014	rBV3	747	866	0.12%	0.016%
91	14.172	2024	2026	2028	rVB2	367	295	0.04%	0.006%
92	14.202	2028	2031	2037	rBV5	1325	2332	0.33%	0.044%
93	14.477	2073	2076	2080	rBV4	722	1389	0.20%	0.026%
94	14.593	2093	2095	2097	rBV3	514	519	0.07%	0.010%
95	14.672	2105	2108	2114	rVV4	719	1098	0.16%	0.021%
96	14.733	2116	2118	2120	rBV	316	339	0.05%	0.006%
97	14.830	2132	2134	2135	rBV	434	314	0.04%	0.006%
98	15.233	2197	2200	2205	rVB3	983	1364	0.19%	0.026%
99	15.324	2213	2215	2219	rVB2	441	506	0.07%	0.009%
100	16.300	2372	2375	2380	rBV5	624	931	0.13%	0.017%

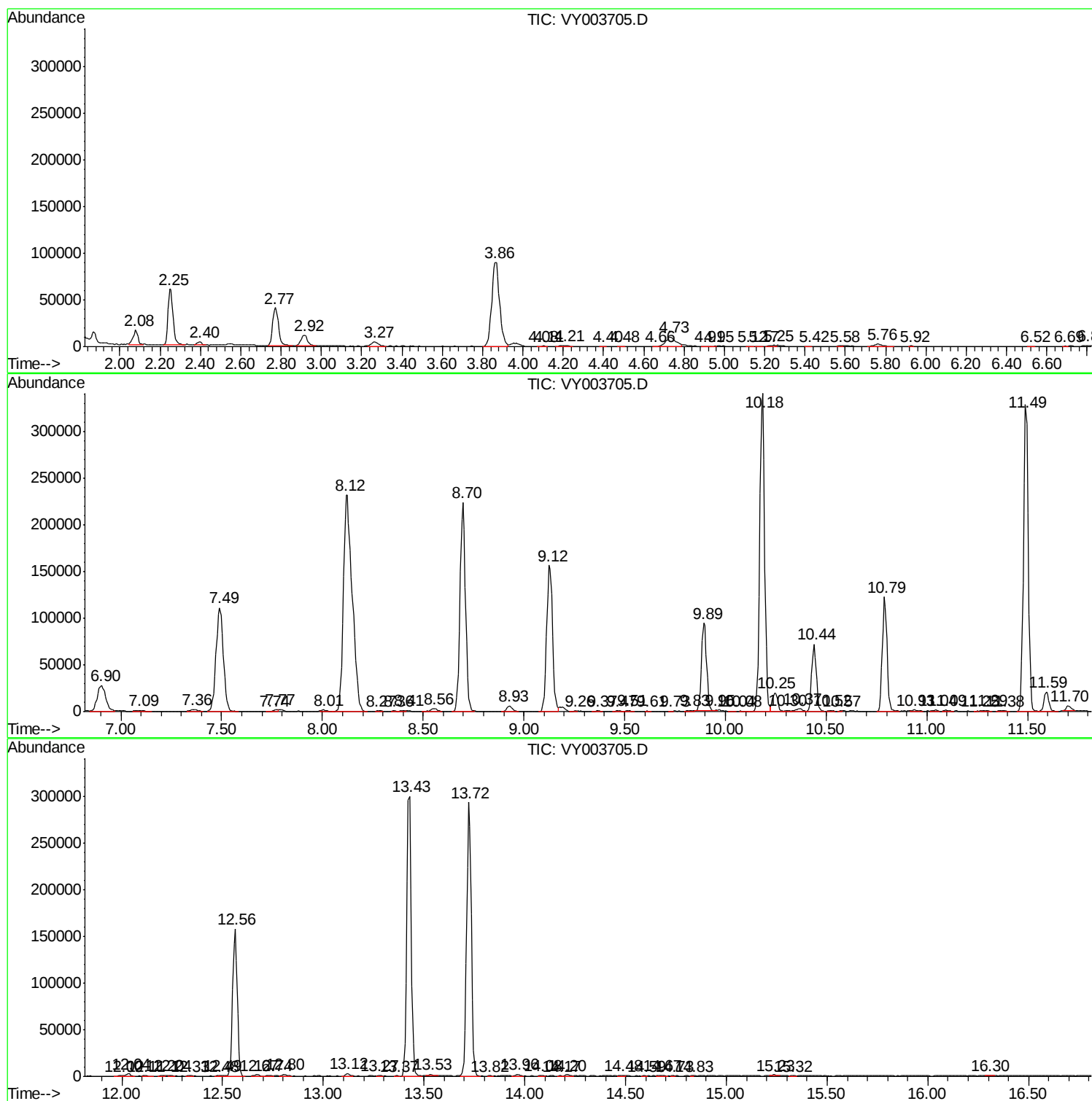
Sum of corrected areas: 5334806

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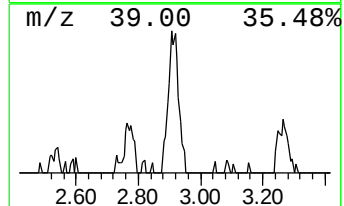
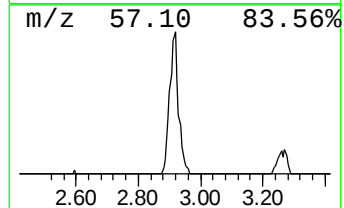
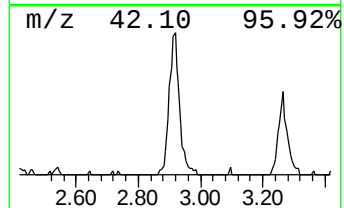
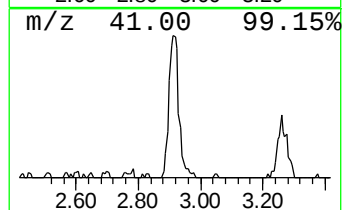
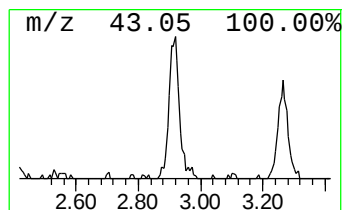
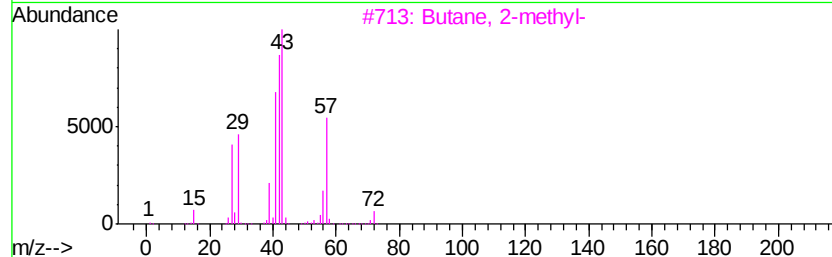
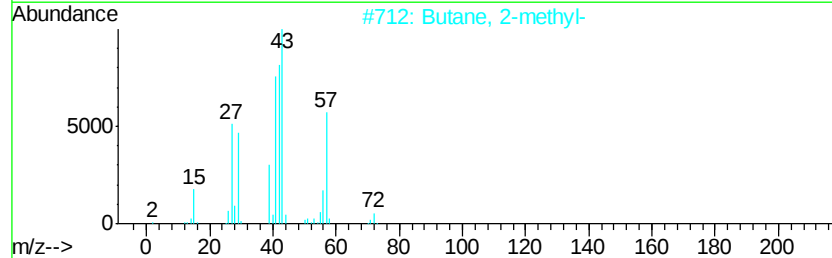
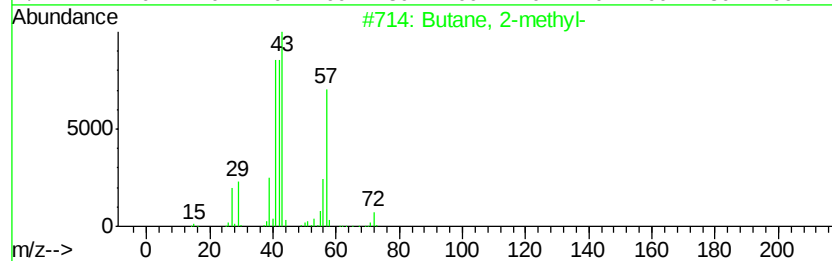
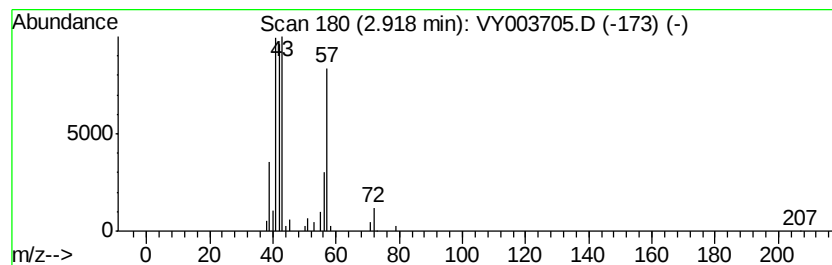
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	1.49 ug/L	25817	1,4-Difluorobenzene	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Butane, 2-methyl-	72	C5H12	000078-78-4	72
4		2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5		1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.92	1.5	ug/L	25817	1	8.70	433076	25.0