

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016983.D
 Acq On : 23 Oct 2020 15:17
 Operator : SY/VA
 Sample : L4471-21
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG433

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\SOM2WLM102220S.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	1.959	4	9	22	rVB3	56583	99112	5.61%	0.714%
2	2.093	28	31	37	rVB	5437	8340	0.47%	0.060%
3	2.154	39	41	42	rBV	1723	1403	0.08%	0.010%
4	2.355	64	74	86	rBV	151842	312486	17.67%	2.252%
5	2.458	86	91	95	rVV2	8728	13873	0.78%	0.100%
6	2.574	105	110	124	rVB5	8772	23440	1.33%	0.169%
7	2.891	153	162	176	rBV	90176	222817	12.60%	1.606%
8	3.306	223	230	237	rVB2	5591	12421	0.70%	0.090%
9	3.410	237	247	259	rBV5	7381	26476	1.50%	0.191%
10	3.574	269	274	275	rBV3	1148	1395	0.08%	0.010%
11	3.745	294	302	303	rBV4	3509	6303	0.36%	0.045%
12	3.855	312	320	331	rBV5	1636	4904	0.28%	0.035%
13	4.019	334	347	363	rBV	223645	680306	38.48%	4.903%
14	4.428	412	414	415	rBV2	1087	895	0.05%	0.006%
15	4.513	420	428	441	rVB3	9260	30178	1.71%	0.218%
16	4.769	467	470	473	rBV2	906	1301	0.07%	0.009%
17	4.928	486	496	509	rVV5	5476	21248	1.20%	0.153%
18	5.220	537	544	545	rBV2	550	900	0.05%	0.006%
19	5.452	574	582	588	rVB2	660	1774	0.10%	0.013%
20	5.647	610	614	620	rBV3	930	1810	0.10%	0.013%
21	5.775	624	635	648	rVB7	2781	12271	0.69%	0.088%
22	5.946	654	663	672	rBV5	3002	8901	0.50%	0.064%
23	6.116	683	691	697	rBV4	1411	3273	0.19%	0.024%
24	6.549	758	762	763	rBV3	619	788	0.04%	0.006%
25	6.574	763	766	774	rVB5	1361	2910	0.16%	0.021%
26	6.915	820	822	826	rVB2	663	867	0.05%	0.006%
27	7.092	841	851	855	rBV	34049	91356	5.17%	0.658%
28	7.409	899	903	904	rBV2	706	1042	0.06%	0.008%
29	7.427	904	906	910	rVB4	755	949	0.05%	0.007%
30	7.555	920	927	933	rVV4	4048	10163	0.57%	0.073%
31	7.653	933	943	961	rVB	294939	730978	41.34%	5.268%
32	7.823	966	971	973	rBV5	1223	2539	0.14%	0.018%
33	7.951	989	992	998	rVB3	1425	2103	0.12%	0.015%
34	8.159	1020	1026	1031	rBV6	1176	1727	0.10%	0.012%

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 Title : VOC Analysis

35	8.281	1034	1046	1062	rBV2	597570	1768026	100.00%	12.743%
36	8.592	1090	1097	1100	rBV7	1188	2707	0.15%	0.020%
37	8.701	1109	1115	1120	rVB6	1852	4045	0.23%	0.029%
38	8.848	1130	1139	1150	rBV	666500	1325185	74.95%	9.551%
39	9.085	1170	1178	1184	rBV8	2391	6498	0.37%	0.047%
40	9.280	1201	1210	1223	rBV	372884	757830	42.86%	5.462%
41	9.762	1283	1289	1296	rBV9	4855	12673	0.72%	0.091%
42	9.896	1306	1311	1320	rVB3	8966	18267	1.03%	0.132%
43	10.036	1324	1334	1348	rVB	194581	358424	20.27%	2.583%
44	10.213	1358	1363	1367	rBV3	6598	12173	0.69%	0.088%
45	10.329	1374	1382	1390	rBV	895488	1597982	90.38%	11.517%
46	10.579	1417	1423	1431	rBV	119867	209699	11.86%	1.511%
47	10.707	1438	1444	1450	rBV	52109	86705	4.90%	0.625%
48	10.786	1453	1457	1460	rBV5	1780	3475	0.20%	0.025%
49	10.859	1465	1469	1475	rVV	17968	33651	1.90%	0.243%
50	10.926	1475	1480	1493	rVB	140703	239398	13.54%	1.725%
51	11.067	1498	1503	1509	rVV5	11355	20443	1.16%	0.147%
52	11.183	1519	1522	1527	rVB4	2707	4216	0.24%	0.030%
53	11.439	1559	1564	1571	rVB2	29205	49622	2.81%	0.358%
54	11.530	1571	1579	1582	rBV6	873	2205	0.12%	0.016%
55	11.634	1587	1596	1610	rVV	923843	1549017	87.61%	11.164%
56	11.737	1611	1613	1618	rVB4	1883	1958	0.11%	0.014%
57	11.841	1624	1630	1634	rBV6	1631	3325	0.19%	0.024%
58	12.176	1682	1685	1689	rBV4	1175	2160	0.12%	0.016%
59	12.243	1693	1696	1700	rVB4	864	1052	0.06%	0.008%
60	12.475	1728	1734	1739	rBV3	3071	5851	0.33%	0.042%
61	12.609	1749	1756	1763	rVB2	76317	130486	7.38%	0.940%
62	12.694	1763	1770	1778	rVB	269162	438402	24.80%	3.160%
63	12.932	1804	1809	1813	rBV	8891	13848	0.78%	0.100%
64	12.969	1813	1815	1819	rVB	4032	5001	0.28%	0.036%
65	13.036	1821	1826	1830	rBV5	1632	3037	0.17%	0.022%
66	13.085	1830	1834	1837	rBV4	829	923	0.05%	0.007%
67	13.121	1837	1840	1844	rVB4	1047	1482	0.08%	0.011%
68	13.194	1849	1852	1855	rBV2	1334	1738	0.10%	0.013%
69	13.231	1855	1858	1863	rVB5	543	919	0.05%	0.007%
70	13.298	1863	1869	1876	rVB	10525	16786	0.95%	0.121%
71	13.402	1876	1886	1894	rBV5	4237	10897	0.62%	0.079%

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 Title : VOC Analysis

72	13.469	1894	1897	1900	rBV5	1200	1917	0.11%	0.014%
73	13.505	1900	1903	1905	rBV4	2378	3232	0.18%	0.023%
74	13.560	1905	1912	1920	rBV	899666	1452729	82.17%	10.470%
75	13.761	1940	1945	1948	rBV4	3940	6173	0.35%	0.044%
76	13.804	1948	1952	1953	rBV3	1591	1798	0.10%	0.013%
77	13.853	1953	1960	1967	rBV	754929	1247111	70.54%	8.988%
78	13.950	1973	1976	1981	rVB5	2555	4206	0.24%	0.030%
79	14.017	1985	1987	1991	rVV3	1679	2539	0.14%	0.018%
80	14.072	1991	1996	2003	rVB2	22671	37255	2.11%	0.269%
81	14.200	2013	2017	2026	rVB4	1128	2139	0.12%	0.015%
82	14.328	2031	2038	2042	rBV8	4533	8277	0.47%	0.060%
83	14.529	2064	2071	2076	rVB7	1423	2885	0.16%	0.021%
84	14.633	2085	2088	2091	rVB3	2033	1866	0.11%	0.013%
85	14.694	2094	2098	2099	rBV3	1389	1550	0.09%	0.011%
86	14.718	2099	2102	2108	rVB4	2223	4306	0.24%	0.031%
87	14.968	2138	2143	2148	rVB5	675	1161	0.07%	0.008%
88	15.103	2162	2165	2166	rBV2	800	907	0.05%	0.007%
89	15.133	2168	2170	2175	rVV4	1652	2845	0.16%	0.021%
90	15.182	2175	2178	2185	rVB6	2713	4586	0.26%	0.033%
91	15.401	2212	2214	2215	rBV	1632	1210	0.07%	0.009%
92	15.438	2215	2220	2225	rVV2	11038	18492	1.05%	0.133%
93	15.499	2225	2230	2234	rVV4	2010	3691	0.21%	0.027%
94	15.554	2235	2239	2245	rVB7	1904	3091	0.17%	0.022%
95	15.688	2258	2261	2268	rBV6	1421	2709	0.15%	0.020%
96	15.767	2270	2274	2277	rBV6	1568	3023	0.17%	0.022%
97	15.840	2284	2286	2290	rBV3	1594	2373	0.13%	0.017%
98	16.285	2357	2359	2367	rVB7	1373	1984	0.11%	0.014%
99	16.499	2388	2394	2399	rBV6	3819	8311	0.47%	0.060%
100	16.657	2418	2420	2421	rBV2	1023	813	0.05%	0.006%

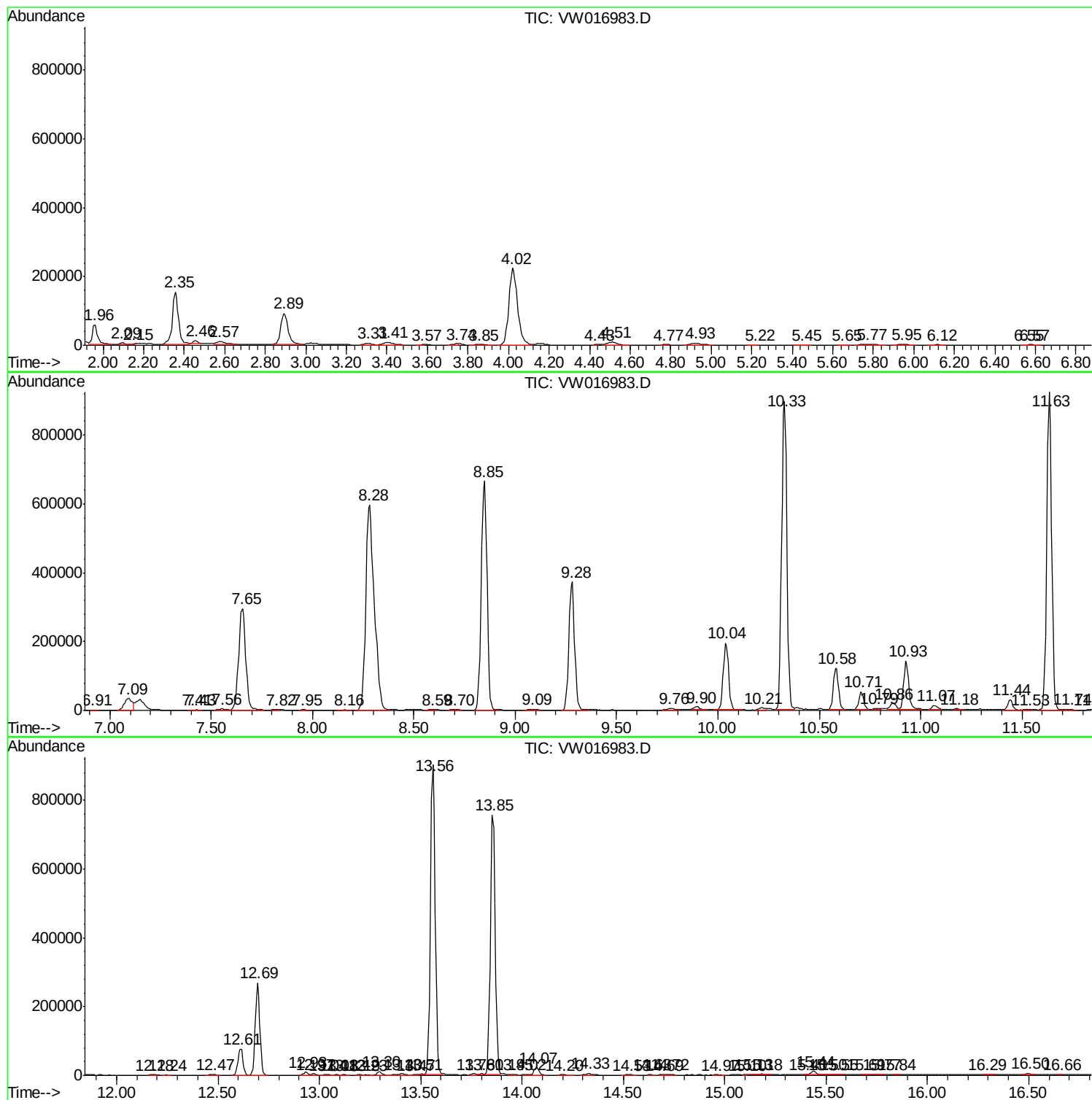
Sum of corrected areas: 13874534

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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



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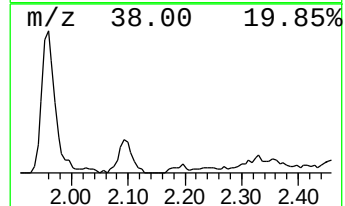
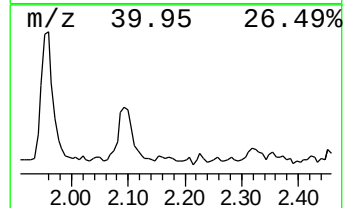
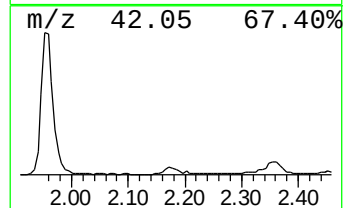
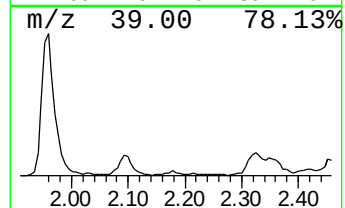
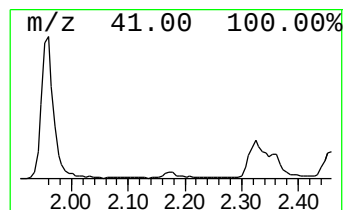
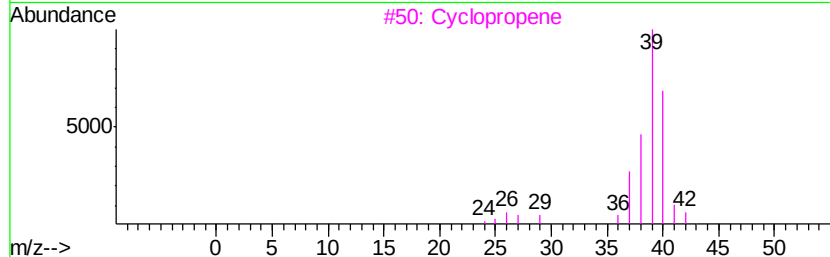
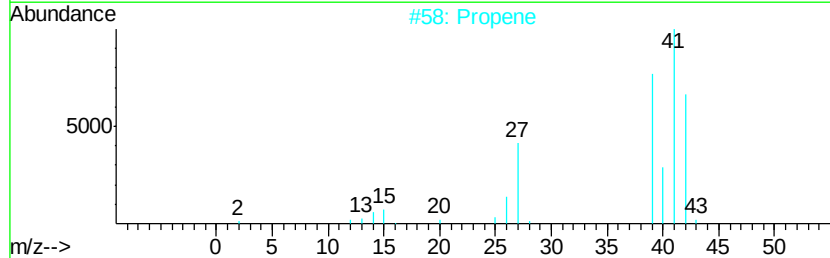
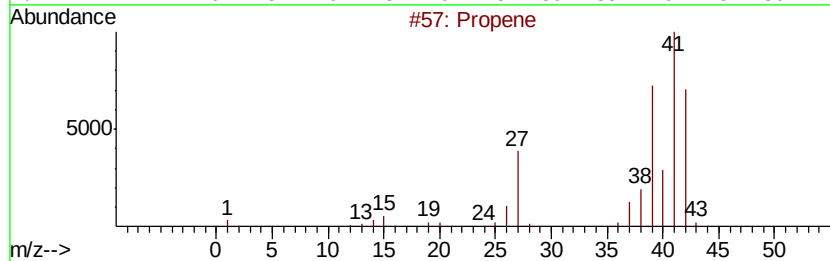
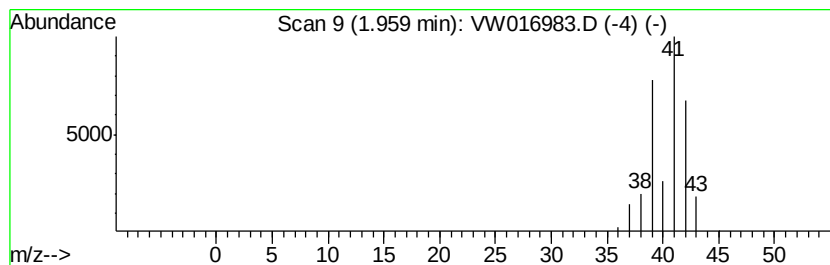
Instrument :
MSVOA_W
ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.96	1.87 ug/L	99112	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropene	40	C3H4	002781-85-3	10
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	7



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.96	1.9	ug/L	99112	1	8.85	1325190	25.0