LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
Data File : VV036137.D
Acq On : 19 Jun 2024 15:08
Operator : SY/MD
Sample : P2856-21
Misc : 3.22g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SJ7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	9	13	29	rVB	98893	103220	5.52%	0.826%
2	1.272	66	72	90	rVB	239197	286768	15.35%	2.295%
3	1.529	145	152	164	rVB	185031	213991	11.45%	1.712%
4	2.050	306	314	329	rVB	377636	534858	28.62%	4.280%
5	2.233	364	371	380	rVB	27984	38711	2.07%	0.310%
6	2.442	427	436	451	rVB	83917	139378	7.46%	1.115%
7	2.963	589	598	614	rVB2	18706	37633	2.01%	0.301%
8	3.127	648	649	653	rVB3	621	303	0.02%	0.002%
9	3.150	653	656	660	rBV3	611	510	0.03%	0.004%
10	3.198	666	671	673	rBV2	445	375	0.02%	0.003%
11	3.285	693	698	699	rBV2	342	216	0.01%	0.002%
12	3.342	713	716	718	rBV2	498	307	0.02%	0.002%
13	3.416	736	739	742	rBV	404	278	0.01%	0.002%
14	3.461	749	753	755	rBV	318	147	0.01%	0.001%
15	3.477	755	758	760	rBV	174	112	0.01%	0.001%
16	3.497	760	764	766	rBV3	327	298	0.02%	0.002%
17	3.542	777	778	779	rBV	118	30	0.00%	0.000%
18	3.558	779	783	785	rVV	189	133	0.01%	0.001%
19	3.590	789	793	796	rVV3	243	206	0.01%	0.002%
20	3.735	836	838	839	rBV	194	46	0.00%	0.000%
21	3.744	839	841	845	rBV	538	393	0.02%	0.003%
22	3.834	859	869	897	rBV2	25655	104523	5.59%	0.836%
23	4.246	982	997	1027	rBV	242389	632941	33.87%	5.064%
24	4.612	1109	1111	1112	rBV	383	187	0.01%	0.001%
25	4.667	1124	1128	1131	rVB3	440	354	0.02%	0.003%
26	4.699	1134	1138	1139	rBV	295	243	0.01%	0.002%
27	4.731	1143	1148	1152	rBV3	491	452	0.02%	0.004%
28	4.812	1170	1173	1176	rBV	349	303	0.02%	0.002%
29	4.886	1194	1196	1200	rBV3	257	173	0.01%	0.001%
30	4.953	1201	1217	1266	rBV2	559985	1460524	78.16%	11.686%
31	5.448	1369	1371	1373	rBV2	442	255	0.01%	0.002%
32	5.532	1385	1397	1427	rBV	681782	1421287	76.06%	11.372%
33	5.828	1479	1489	1512	rVB2	29942	66170	3.54%	0.529%
34	5.985	1526	1538	1574	rBV	339521	710554	38.03%	5.685%
35	6.284	1626	1631	1633	rBV4	699	543	0.03%	0.004%
36	6.313	1638	1640	1642	rBV2	512	242	0.01%	0.002%

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Title : VOC Analysis

37	6.426	1673	1675	1676	rBV2	436	155	0.01%	0.001%
38	6.448	1681	1682	1685	rVB	713	295	0.02%	0.002%
39	6.487	1693	1694	1696	rBV	481	253	0.01%	0.002%
40	6.532	1706	1708	1710	rVB	317	110	0.01%	0.001%
41	6.545	1710	1712	1714	rBV	236	124	0.01%	0.001%
42	6.567	1716	1719	1721	rBV2	400	278	0.01%	0.002%
43	6.600	1727	1729	1734	rVB2	500	361	0.02%	0.003%
44	6.635	1736	1740	1743	rBV4	572	490	0.03%	0.004%
45	6.686	1753	1756	1759	rBV2	298	214	0.01%	0.002%
46	6.699	1759	1760	1764	rVB	523	254	0.01%	0.002%
47	6.728	1764	1769	1770	rBV3	448	251	0.01%	0.002%
48	6.764	1778	1780	1783	rBV3	541	242	0.01%	0.002%
49	6.783	1783	1786	1791	rVB2	336	231	0.01%	0.002%
50	6.809	1791	1794	1799	rVB3	661	543	0.03%	0.004%
51	6.844	1799	1805	1806	rBV2	675	482	0.03%	0.004%
52	6.870	1810	1813	1814	rBV	212	114	0.01%	0.001%
53	6.915	1817	1827	1862	rBV	102463	210786	11.28%	1.687%
54	7.243	1918	1929	1954	rBV	595940	1066759	57.09%	8.536%
55	7.554	2018	2026	2047	rBV	71790	138536	7.41%	1.108%
56	7.969	2153	2155	2157	rBV2	351	155	0.01%	0.001%
57	8.001	2162	2165	2166	rBV2	473	252	0.01%	0.002%
58	8.034	2166	2175	2211	rBV	110607	256502	13.73%	2.052%
59	8.526	2325	2328	2329	rBV	409	187	0.01%	0.001%
60	8.783	2394	2408	2453	rBV	1137319	1868541	100.00%	14.951%
61	9.352	2584	2585	2590	rBV3	503	297	0.02%	0.002%
62	9.387	2594	2596	2599	rVV2	372	183	0.01%	0.001%
63	9.493	2623	2629	2630	rBV4	950	846	0.05%	0.007%
64	9.545	2641	2645	2648	rBV5	573	559	0.03%	0.004%
65	9.606	2661	2664	2667	rBV2	295	220	0.01%	0.002%
66	9.648	2676	2677	2680	rBV	308	113	0.01%	0.001%
67	9.741	2701	2706	2708	rBV3	417	424	0.02%	0.003%
68	9.976	2775	2779	2780	rBV	436	291	0.02%	0.002%
69	10.027	2793	2795	2796	rBV2	373	119	0.01%	0.001%
70	10.152	2822	2834	2857	rBV	266971	430375	23.03%	3.444%
71	10.323	2881	2887	2900	rVB2	4526	6609	0.35%	0.053%
72	10.400	2909	2911	2912	rBV2	368	86	0.00%	0.001%
73	10.648	2981	2988	2991	rBV2	326	321	0.02%	0.003%
74	10.680	2995	2998	3001	rBV	361	252	0.01%	0.002%
75	10.715	3001	3009	3024	rVV7	4444	8567	0.46%	0.069%
76	11.078	3120	3122	3124	rBV2	352	215	0.01%	0.002%

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Title : VOC Analysis

77	11.127	3129	3137	3143	rBV7	2098	3289	0.18%	0.026%
78	11.181	3143	3154	3178	rBV	1079802	1699937	90.98%	13.602%
79	11.513	3247	3257	3260	rBV5	3676	6174	0.33%	0.049%
80	11.558	3261	3271	3299	rVB	653968	1026032	54.91%	8.210%
81	12.824	3661	3665	3669	rBV4	1559	1555	0.08%	0.012%
82	12.914	3690	3693	3694	rBV	442	237	0.01%	0.002%
83	13.316	3813	3818	3821	rBV2	793	726	0.04%	0.006%
84	13.519	3879	3881	3884	rBV	290	200	0.01%	0.002%
85	13.644	3917	3920	3922	rBV3	453	274	0.01%	0.002%
86	13.683	3928	3932	3941	rVB3	5446	7206	0.39%	0.058%

Sum of corrected areas: 12497886

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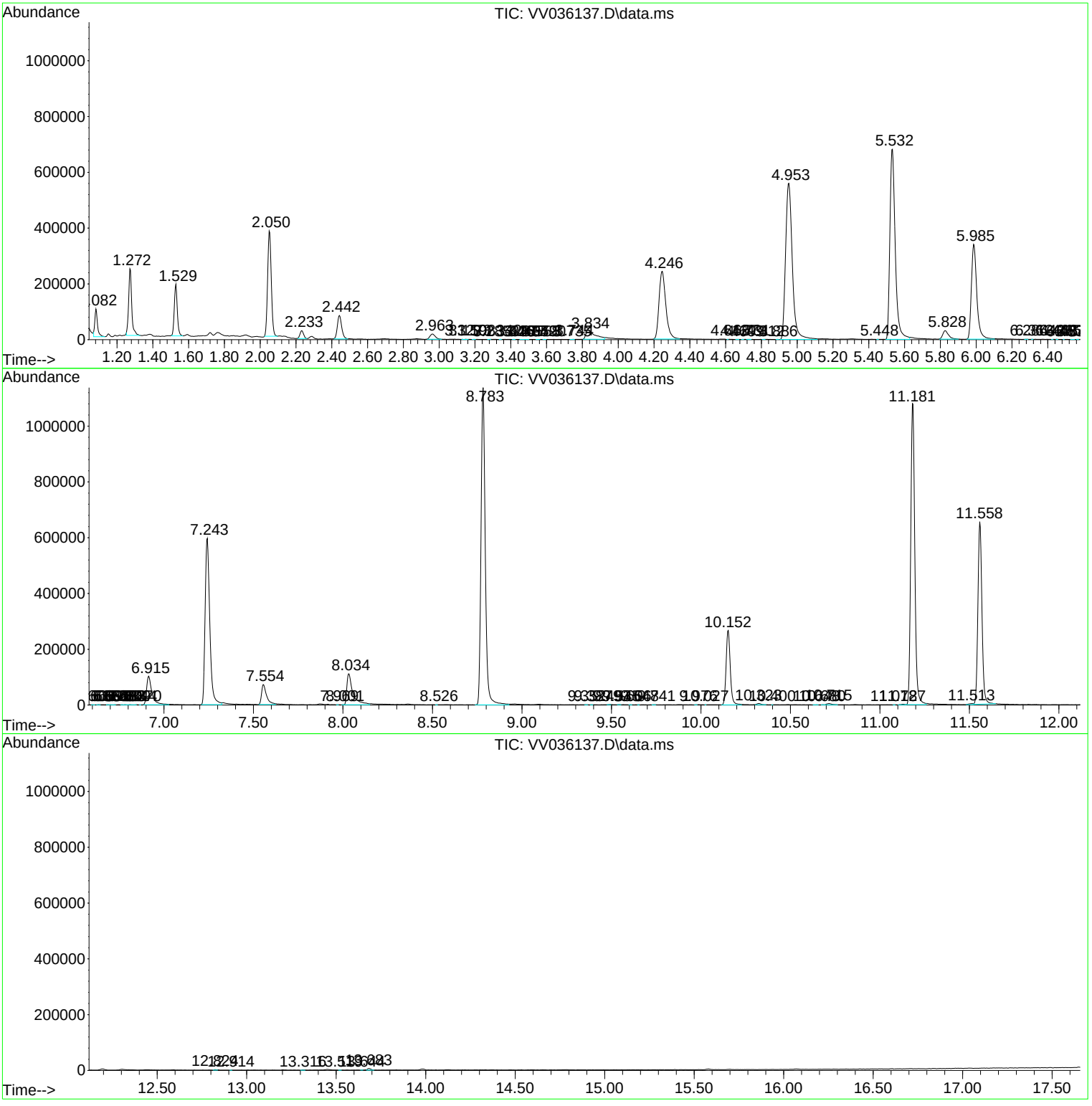
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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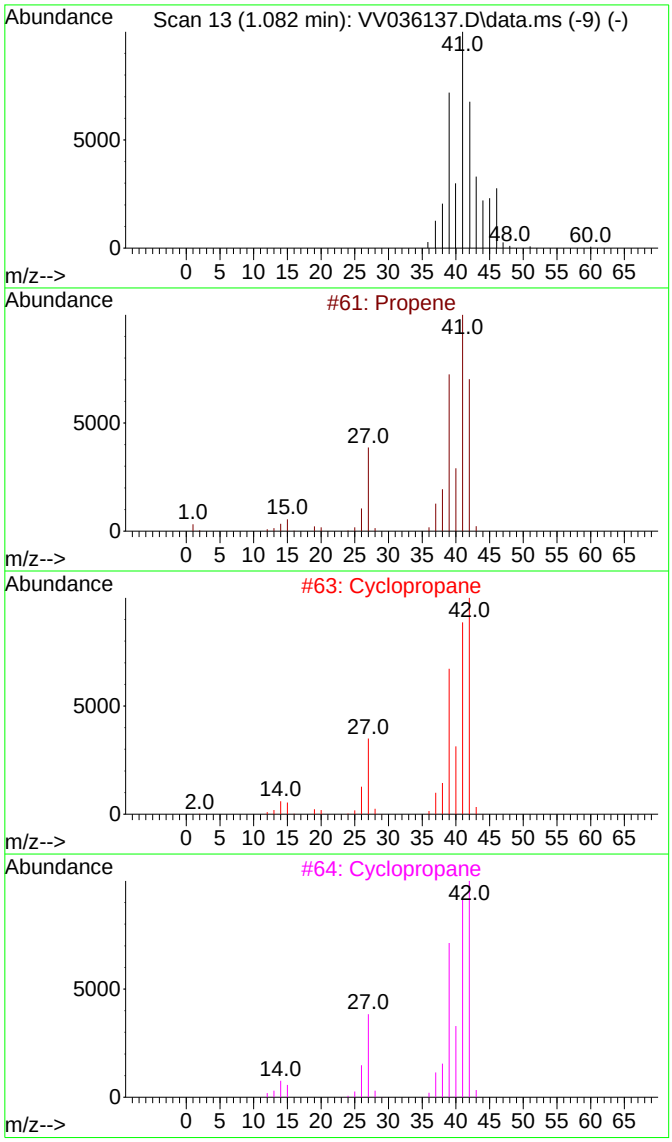
Quant Title : VOC Analysis

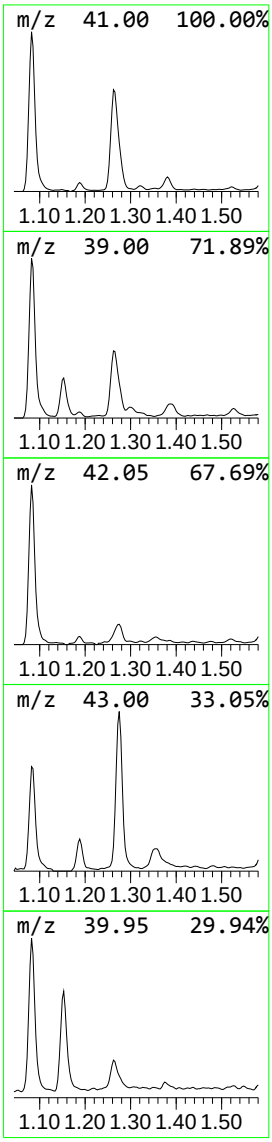
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.082	1.82 ug/L	103220	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	64
2	Cyclopropane	42	C3H6	000075-19-4	38
3	Cyclopropane	42	C3H6	000075-19-4	38
4	Cyclopropene	40	C3H4	002781-85-3	37
5	Propene	42	C3H6	000115-07-1	12





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.082	1.8	ug/L	103220	1	5.532	1421290	25.0