LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036180.D
Acq On : 20 Jun 2024 22:51
Operator : SY/MD
Sample : P2962-05
Misc : 3.12g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T77

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: VV036180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	89	rVB	202112	228059	16.17%	2.110%
2	1.526	144	151	164	rVB	166715	203022	14.40%	1.878%
3	2.050	304	314	331	rVB	329422	489361	34.70%	4.527%
4	2.442	425	436	455	rBV	181208	313894	22.26%	2.904%
5	2.963	589	598	619	rVB2	22144	46392	3.29%	0.429%
6	3.137	649	652	655	rVB3	618	399	0.03%	0.004%
7	3.191	666	669	672	rVV3	396	245	0.02%	0.002%
8	3.223	676	679	680	rBV2	198	116	0.01%	0.001%
9	3.252	685	688	692	rBV4	319	223	0.02%	0.002%
10	3.310	704	706	709	rVB	411	169	0.01%	0.002%
11	3.397	729	733	735	rBV2	276	215	0.02%	0.002%
12	3.407	735	736	742	rVV2	375	221	0.02%	0.002%
13	3.439	742	746	750	rVV2	231	198	0.01%	0.002%
14	3.465	750	754	755	rVV2	284	200	0.01%	0.002%
15	3.477	757	758	760	rVV2	504	150	0.01%	0.001%
16	3.490	760	762	765	rVB	259	137	0.01%	0.001%
17	3.510	765	768	771	rBV2	320	194	0.01%	0.002%
18	3.548	777	780	786	rVB2	454	319	0.02%	0.003%
19	3.600	794	796	800	rBV	203	114	0.01%	0.001%
20	3.632	805	806	809	rVB2	201	104	0.01%	0.001%
21	3.654	809	813	815	rBV	264	161	0.01%	0.001%
22	3.831	858	868	895	rBV2	21300	83322	5.91%	0.771%
23	4.243	982	996	1030	rBV	222312	587328	41.65%	5.434%
24	4.638	1116	1119	1120	rBV2	451	258	0.02%	0.002%
25	4.686	1129	1134	1137	rBV2	935	754	0.05%	0.007%
26	4.728	1144	1147	1149	rBV2	310	208	0.01%	0.002%
27	4.770	1156	1160	1163	rVB2	247	194	0.01%	0.002%
28	4.831	1176	1179	1183	rBV3	226	191	0.01%	0.002%
29	4.873	1186	1192	1196	rBV3	486	463	0.03%	0.004%
30	4.895	1196	1199	1201	rBV2	419	270	0.02%	0.002%
31	4.950	1201	1216	1251	rBV2	542316	1410146	100.00%	13.046%
32	5.326	1329	1333	1335	rBV2	357	267	0.02%	0.002%
33	5.429	1363	1365	1369	rBV	337	284	0.02%	0.003%
34	5.529	1384	1396	1426	rBV	478033	1005415	71.30%	9.302%
35	5.828	1478	1489	1513	rBV2	26546	61218	4.34%	0.566%
36	5.985	1524	1538	1567	rBV	317168	674346	47.82%	6.239%

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T77

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

37	6.313	1636	1640	1644	rBV5	746	722	0.05%	0.007%
38	6.333	1644	1646	1649	rVV2	424	281	0.02%	0.003%
39	6.345	1649	1650	1655	rVB4	573	345	0.02%	0.003%
40	6.400	1664	1667	1672	rBV3	350	349	0.02%	0.003%
41	6.423	1672	1674	1677	rVB2	520	262	0.02%	0.002%
42	6.445	1678	1681	1684	rVB2	416	265	0.02%	0.002%
43	6.464	1684	1687	1691	rBV4	750	603	0.04%	0.006%
44	6.526	1704	1706	1707	rBV2	329	173	0.01%	0.002%
45	6.554	1711	1715	1717	rBV	242	164	0.01%	0.002%
46	6.571	1717	1720	1721	rBV	462	210	0.01%	0.002%
47	6.587	1723	1725	1728	rVB2	394	161	0.01%	0.001%
48	6.644	1740	1743	1745	rBV2	360	198	0.01%	0.002%
49	6.657	1745	1747	1748	rVV	375	146	0.01%	0.001%
50	6.693	1755	1758	1759	rBV2	341	192	0.01%	0.002%
51	6.706	1759	1762	1763	rVV	302	179	0.01%	0.002%
52	6.728	1767	1769	1772	rVB	402	206	0.01%	0.002%
53	6.805	1791	1793	1797	rBV	236	180	0.01%	0.002%
54	6.853	1804	1808	1814	rVB2	472	412	0.03%	0.004%
55	6.911	1816	1826	1854	rBV	143711	286289	20.30%	2.649%
56	7.239	1917	1928	1954	rBV	606833	1075290	76.25%	9.948%
57	7.554	2017	2026	2056	rBV	94983	183236	12.99%	1.695%
58	7.876	2117	2126	2144	rVB2	11167	21145	1.50%	0.196%
59	7.940	2144	2146	2148	rBV2	363	226	0.02%	0.002%
60	7.988	2157	2161	2164	rBV3	436	327	0.02%	0.003%
61	8.030	2166	2174	2214	rBV	97087	227065	16.10%	2.101%
62	8.644	2363	2365	2366	rBV	389	137	0.01%	0.001%
63	8.728	2390	2391	2395	rVB2	365	203	0.01%	0.002%
64	8.783	2395	2408	2436	rBV	795170	1310341	92.92%	12.123%
65	9.056	2492	2493	2495	rBV2	487	213	0.02%	0.002%
66	9.259	2552	2556	2560	rBV4	559	572	0.04%	0.005%
67	9.352	2583	2585	2587	rBV	491	273	0.02%	0.003%
68	9.458	2616	2618	2619	rBV	300	119	0.01%	0.001%
69	9.487	2619	2627	2637	rVV7	2828	5139	0.36%	0.048%
70	9.670	2680	2684	2685	rBV2	430	309	0.02%	0.003%
71	9.699	2691	2693	2696	rVB2	327	187	0.01%	0.002%
72	9.722	2696	2700	2702	rBV3	527	434	0.03%	0.004%
73	9.763	2711	2713	2715	rBV2	325	206	0.01%	0.002%
74	9.824	2724	2732	2735	rBV5	640	832	0.06%	0.008%
75	9.853	2738	2741	2743	rBV3	610	349	0.02%	0.003%
76	9.927	2763	2764	2768	rVB2	310	139	0.01%	0.001%

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Instrument :
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ClientSampleId :
C0T77

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

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Peak separation: 5

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

77	9.956	2768	2773	2775	rBV3	501	390	0.03%	0.004%
78	10.040	2795	2799	2803	rBV3	338	227	0.02%	0.002%
79	10.152	2822	2834	2861	rVB	248630	400974	28.43%	3.710%
80	10.323	2880	2887	2899	rVB2	11535	19042	1.35%	0.176%
81	10.371	2899	2902	2903	rBV2	379	223	0.02%	0.002%
82	10.464	2924	2931	2932	rBV3	979	989	0.07%	0.009%
83	10.500	2940	2942	2943	rBV	459	217	0.02%	0.002%
84	10.718	3007	3010	3016	rBV4	458	480	0.03%	0.004%
85	10.956	3083	3084	3087	rBV2	245	137	0.01%	0.001%
86	11.011	3099	3101	3105	rBV3	374	279	0.02%	0.003%
87	11.123	3134	3136	3144	rVB4	1095	1172	0.08%	0.011%
88	11.185	3144	3155	3181	rBV	704159	1110163	78.73%	10.271%
89	11.480	3238	3247	3260	rBV3	32479	67543	4.79%	0.625%
90	11.557	3262	3271	3296	rVB	572117	899916	63.82%	8.326%
91	11.988	3403	3405	3409	rBV3	569	299	0.02%	0.003%
92	12.107	3440	3442	3443	rBV	695	265	0.02%	0.002%
93	12.194	3459	3469	3481	rBV2	13192	21697	1.54%	0.201%
94	12.529	3569	3573	3576	rBV3	2100	1979	0.14%	0.018%
95	12.689	3621	3623	3626	rBV3	703	406	0.03%	0.004%
96	13.030	3725	3729	3733	rVB3	845	783	0.06%	0.007%
97	13.049	3733	3735	3736	rBV	374	133	0.01%	0.001%
98	13.442	3850	3857	3871	rBV	16336	26426	1.87%	0.244%
99	13.683	3925	3932	3942	rVB2	10279	16076	1.14%	0.149%
100	13.982	4017	4025	4035	rBV2	7737	12475	0.88%	0.115%

Sum of corrected areas: 10808927

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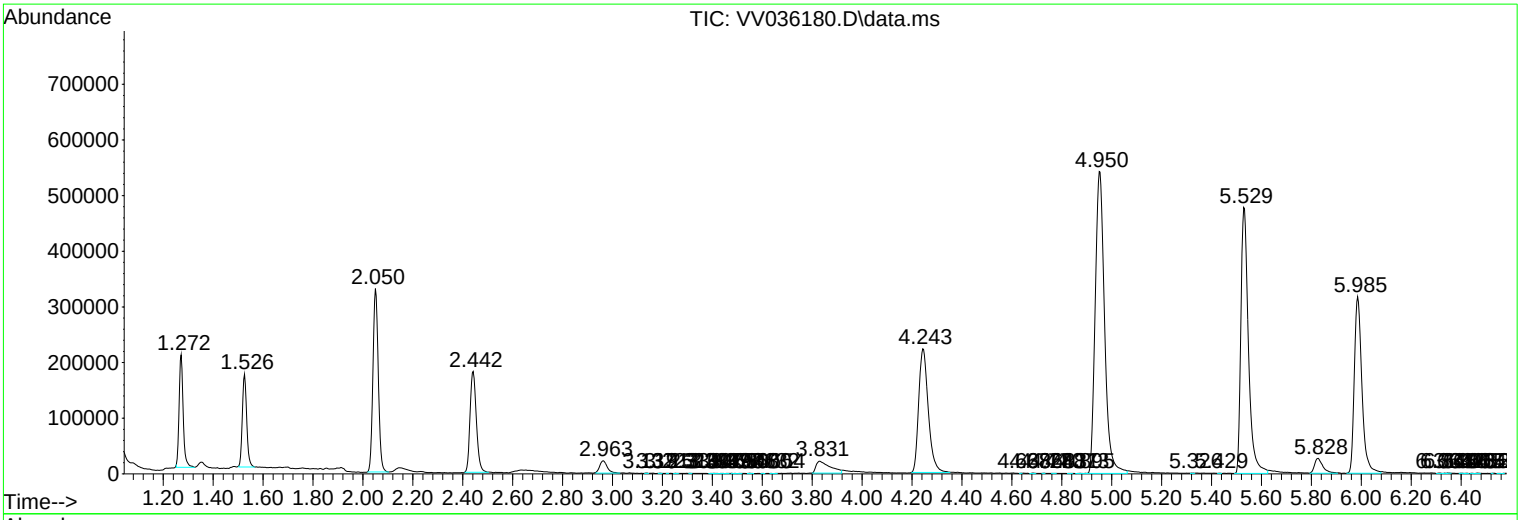
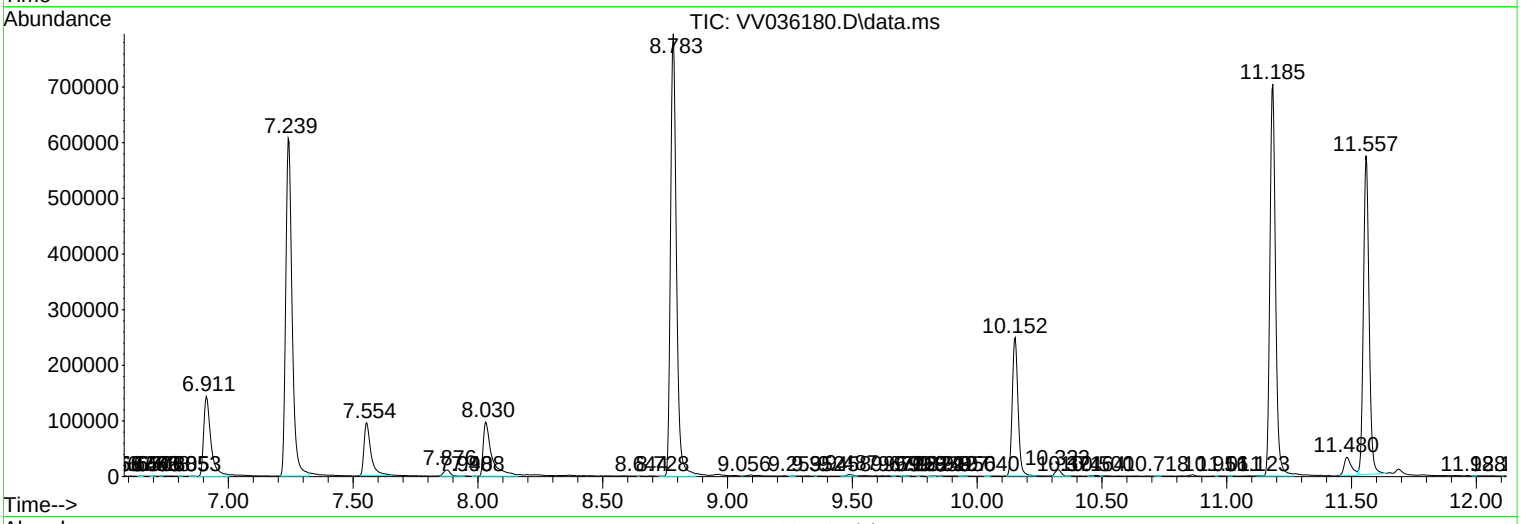
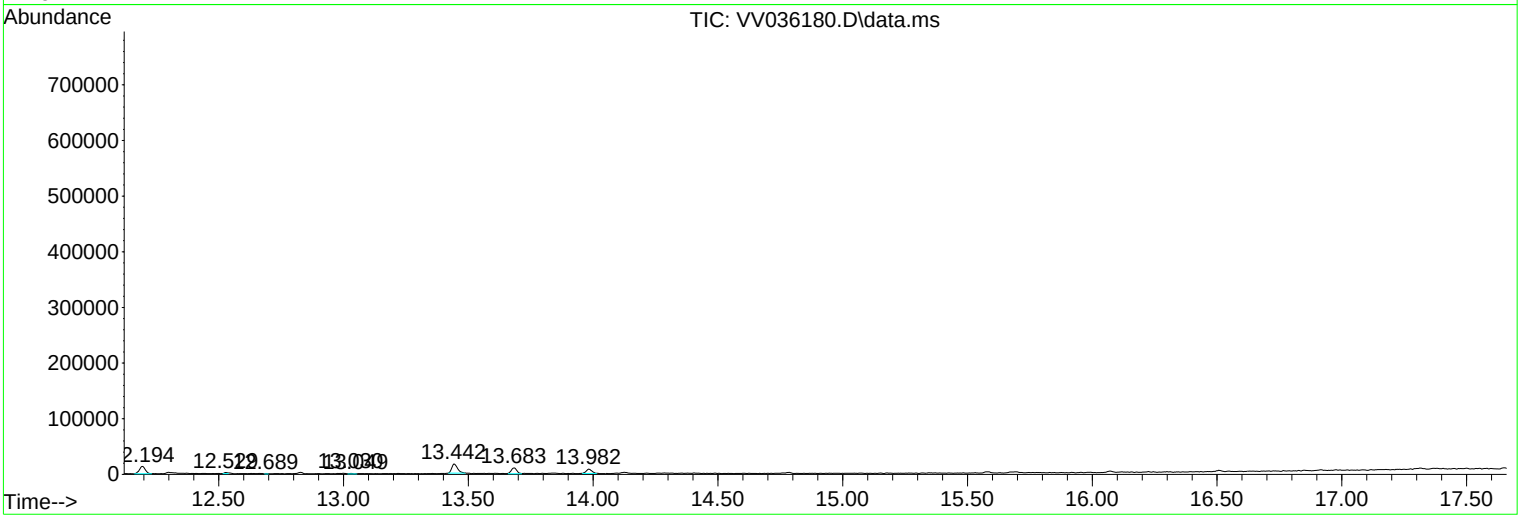
MSVOA_V
ClientSampleId :
C0T77

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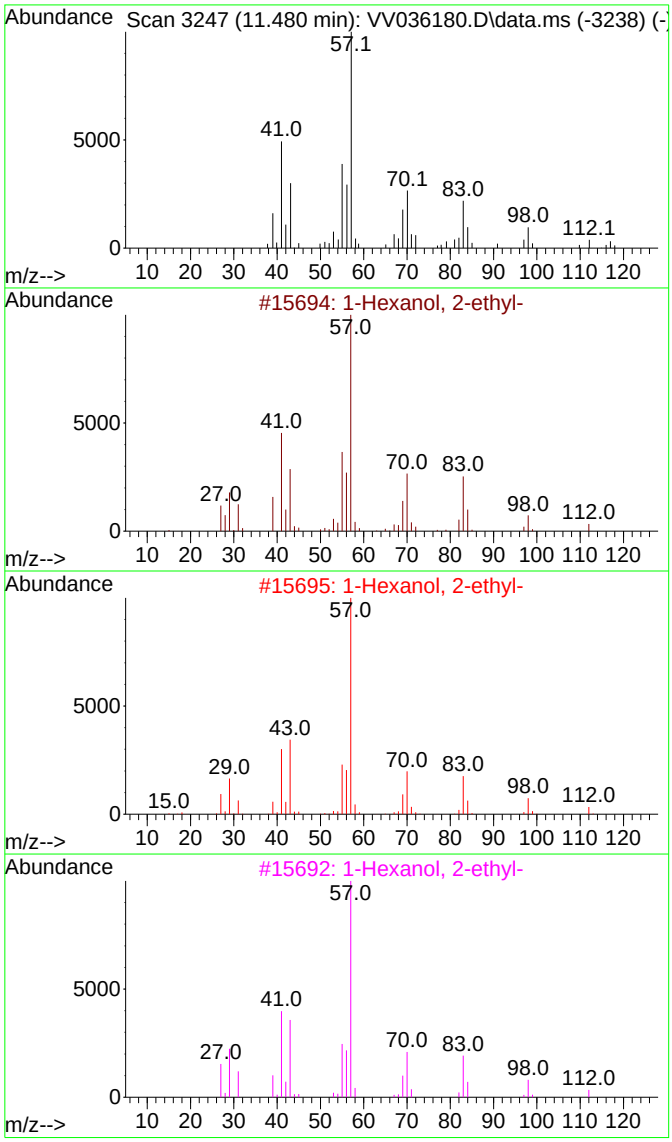
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

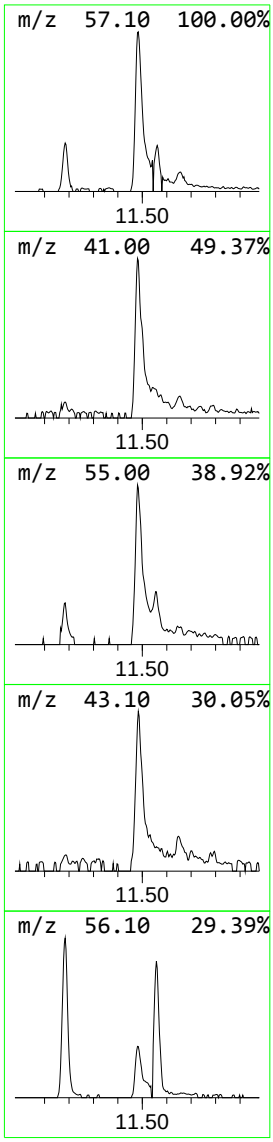
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.480	1.52 ug/L	67543	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	11.480	1.5	ug/L	67543	3	11.185	1110160	25.0