

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036159.D
 Acq On : 20 Jun 2024 13:14
 Operator : SY/MD
 Sample : P2909-19
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B42

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: VV036159.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	92	rVB	226289	246586	22.30%	3.444%
2	1.526	145	151	164	rVB	194052	225639	20.41%	3.152%
3	2.050	305	314	332	rVB	359769	518541	46.90%	7.243%
4	2.439	425	435	453	rBV	60178	100850	9.12%	1.409%
5	2.802	546	548	551	rBV2	377	186	0.02%	0.003%
6	2.892	572	576	578	rVV3	321	233	0.02%	0.003%
7	2.960	586	597	615	rBV4	21091	44626	4.04%	0.623%
8	3.076	629	633	636	rBV2	333	280	0.03%	0.004%
9	3.095	636	639	640	rBV	380	267	0.02%	0.004%
10	3.217	674	677	681	rVB3	391	247	0.02%	0.003%
11	3.243	682	685	686	rBV	340	155	0.01%	0.002%
12	3.272	691	694	697	rVB	373	224	0.02%	0.003%
13	3.359	717	721	722	rBV2	369	214	0.02%	0.003%
14	3.420	737	740	743	rVB	285	126	0.01%	0.002%
15	3.439	743	746	749	rBV2	244	151	0.01%	0.002%
16	3.462	749	753	754	rBV	240	152	0.01%	0.002%
17	3.490	760	762	766	rVB2	389	152	0.01%	0.002%
18	3.519	766	771	775	rBV2	453	510	0.05%	0.007%
19	3.545	775	779	782	rBV2	318	202	0.02%	0.003%
20	3.564	782	785	791	rVB2	474	373	0.03%	0.005%
21	3.648	810	811	815	rVB	378	139	0.01%	0.002%
22	3.667	815	817	819	rBV	414	211	0.02%	0.003%
23	3.693	823	825	829	rBV2	322	195	0.02%	0.003%
24	3.786	851	854	856	rBV	286	177	0.02%	0.002%
25	3.825	858	866	892	rBV	11556	44292	4.01%	0.619%
26	4.240	979	995	1026	rBV	199530	528196	47.78%	7.378%
27	4.555	1091	1093	1096	rBV2	516	350	0.03%	0.005%
28	4.571	1096	1098	1102	rVV3	595	488	0.04%	0.007%
29	4.609	1108	1110	1115	rBV2	345	224	0.02%	0.003%
30	4.716	1140	1143	1146	rBV2	325	248	0.02%	0.003%
31	4.773	1159	1161	1165	rVB	290	194	0.02%	0.003%
32	4.799	1165	1169	1171	rBV2	319	229	0.02%	0.003%
33	4.950	1200	1216	1251	rBV2	428834	1105528	100.00%	15.442%
34	5.333	1333	1335	1339	rBV2	347	186	0.02%	0.003%
35	5.404	1355	1357	1359	rVB	454	178	0.02%	0.002%
36	5.416	1359	1361	1365	rBV2	248	138	0.01%	0.002%

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 Title : VOC Analysis

37	5.529	1384	1396	1429	rBV	474391	1010424	91.40%	14.114%
38	5.912	1511	1515	1518	rBV3	622	510	0.05%	0.007%
39	5.982	1525	1537	1564	rBV	250576	531546	48.08%	7.425%
40	6.333	1645	1646	1649	rVB2	497	199	0.02%	0.003%
41	6.413	1669	1671	1673	rVB2	492	202	0.02%	0.003%
42	6.436	1676	1678	1680	rVV2	326	168	0.02%	0.002%
43	6.449	1680	1682	1691	rVB3	849	966	0.09%	0.013%
44	6.523	1702	1705	1707	rBV2	233	162	0.01%	0.002%
45	6.539	1707	1710	1714	rBV3	398	334	0.03%	0.005%
46	6.571	1718	1720	1727	rVB2	501	548	0.05%	0.008%
47	6.600	1727	1729	1733	rBV2	225	153	0.01%	0.002%
48	6.632	1736	1739	1741	rBV	229	133	0.01%	0.002%
49	6.645	1741	1743	1746	rVB	272	118	0.01%	0.002%
50	6.738	1769	1772	1775	rVB2	280	173	0.02%	0.002%
51	6.796	1787	1790	1793	rBV3	560	353	0.03%	0.005%
52	6.825	1794	1799	1802	rBV5	377	349	0.03%	0.005%
53	6.870	1809	1813	1814	rBV	235	112	0.01%	0.002%
54	6.912	1816	1826	1862	rVV	87497	180364	16.31%	2.519%
55	7.240	1916	1928	1972	rBV	371014	686872	62.13%	9.594%
56	7.555	2017	2026	2056	rBV	50693	103054	9.32%	1.439%
57	7.821	2107	2109	2113	rVB2	590	286	0.03%	0.004%
58	7.870	2114	2124	2135	rBV2	13722	25967	2.35%	0.363%
59	7.960	2149	2152	2156	rVB2	467	297	0.03%	0.004%
60	8.034	2164	2175	2196	rBV	43963	101217	9.16%	1.414%
61	8.497	2317	2319	2320	rBV	410	172	0.02%	0.002%
62	8.538	2329	2332	2335	rBB	361	206	0.02%	0.003%
63	8.561	2335	2339	2342	rBV3	502	380	0.03%	0.005%
64	8.587	2342	2347	2348	rBV3	807	563	0.05%	0.008%
65	8.651	2364	2367	2368	rBV2	978	560	0.05%	0.008%
66	8.783	2396	2408	2432	rBV	463308	786200	71.12%	10.982%
67	9.288	2562	2565	2566	rBV	289	121	0.01%	0.002%
68	9.329	2572	2578	2579	rBV3	194	186	0.02%	0.003%
69	9.352	2581	2585	2588	rVB4	451	378	0.03%	0.005%
70	9.371	2588	2591	2594	rBV3	285	192	0.02%	0.003%
71	9.448	2612	2615	2617	rBV2	287	235	0.02%	0.003%
72	9.600	2658	2662	2664	rBV3	403	311	0.03%	0.004%
73	9.731	2700	2703	2706	rVB2	511	328	0.03%	0.005%
74	9.751	2706	2709	2712	rBV2	241	180	0.02%	0.003%
75	9.837	2728	2736	2745	rBV4	5013	6992	0.63%	0.098%
76	9.928	2761	2764	2765	rBV2	386	212	0.02%	0.003%

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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	9.985	2779	2782	2786	rBV2	405	282	0.03%	0.004%
78	10.008	2786	2789	2791	rVV3	286	171	0.02%	0.002%
79	10.063	2798	2806	2814	rBV5	2857	4585	0.41%	0.064%
80	10.153	2825	2834	2852	rVB	102867	163882	14.82%	2.289%
81	10.323	2877	2887	2902	rVB2	44570	72428	6.55%	1.012%
82	10.394	2908	2909	2912	rBV2	442	219	0.02%	0.003%
83	10.471	2927	2933	2935	rBV3	1363	1344	0.12%	0.019%
84	10.632	2978	2983	2986	rVB4	362	335	0.03%	0.005%
85	10.654	2986	2990	2991	rBV2	391	278	0.03%	0.004%
86	10.664	2991	2993	2996	rBV4	636	374	0.03%	0.005%
87	10.735	3013	3015	3019	rVB3	620	276	0.02%	0.004%
88	10.763	3019	3024	3026	rBV4	1241	1116	0.10%	0.016%
89	10.854	3045	3052	3062	rBV5	7654	11929	1.08%	0.167%
90	10.969	3078	3088	3101	rBV5	6891	12620	1.14%	0.176%
91	11.082	3115	3123	3132	rBV4	14480	22511	2.04%	0.314%
92	11.185	3145	3155	3172	rBV	203349	334726	30.28%	4.676%
93	11.487	3240	3249	3261	rBV4	12205	31394	2.84%	0.439%
94	11.561	3263	3272	3296	rVB	120070	209243	18.93%	2.923%
95	12.191	3460	3468	3479	rBV3	11055	18245	1.65%	0.255%
96	12.619	3594	3601	3612	rBV6	5712	9309	0.84%	0.130%
97	13.333	3821	3823	3824	rBV	523	202	0.02%	0.003%
98	13.734	3946	3948	3950	rBV	510	210	0.02%	0.003%
99	14.377	4145	4148	4149	rBV3	805	427	0.04%	0.006%
100	14.577	4207	4210	4212	rBV2	820	515	0.05%	0.007%

Sum of corrected areas: 7159031

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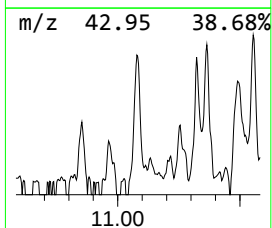
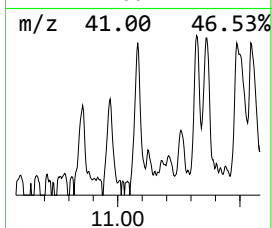
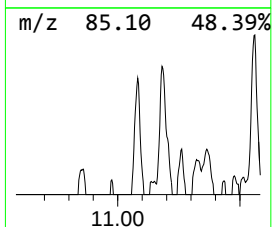
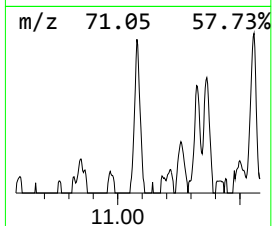
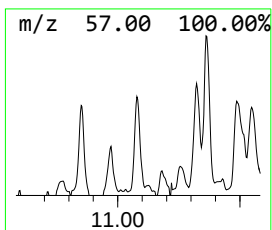
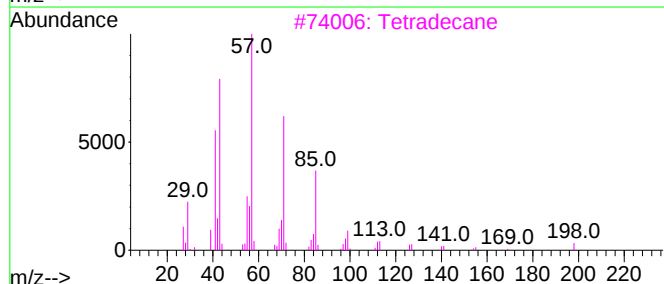
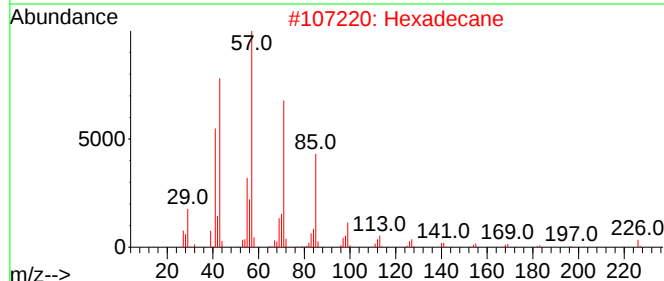
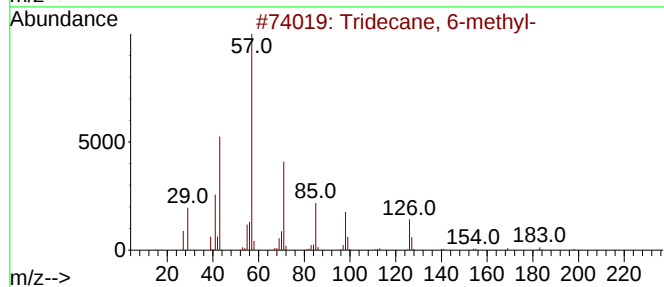
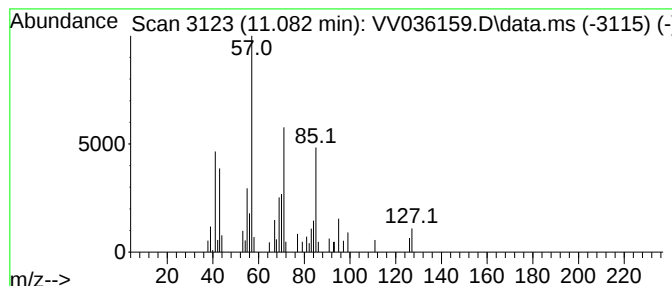
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	1.68 ug/L	22511	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2			Hexadecane	226	C16H34	000544-76-3	53
3			Tetradecane	198	C14H30	000629-59-4	53
4			Pentadecane	212	C15H32	000629-62-9	53
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53



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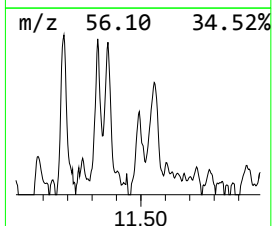
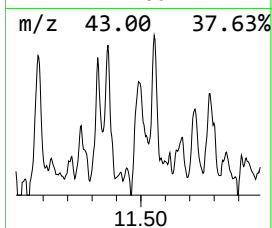
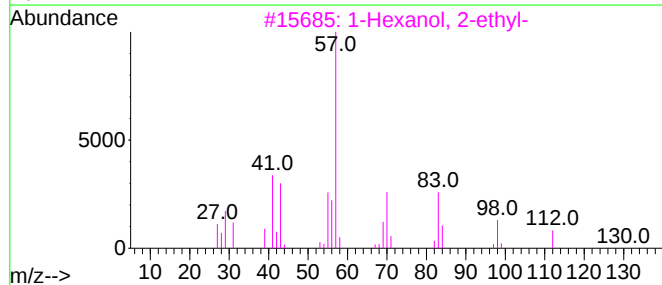
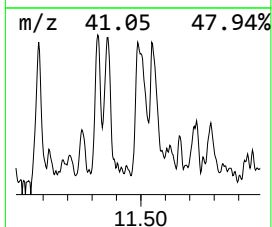
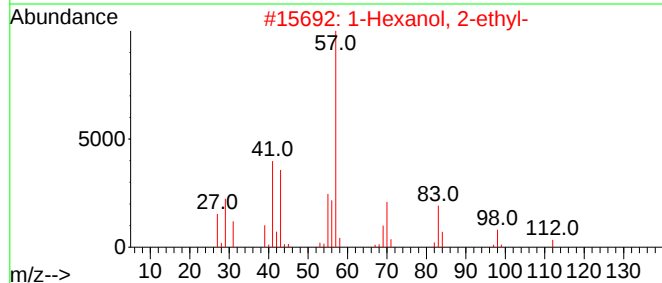
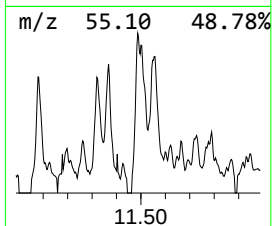
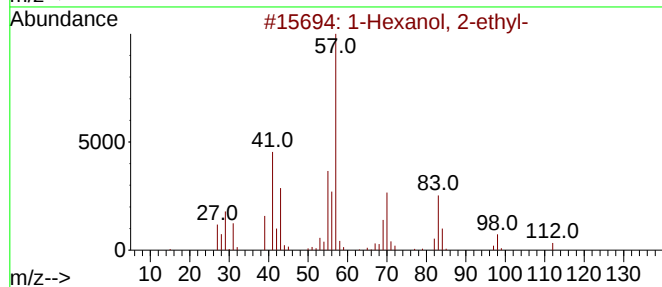
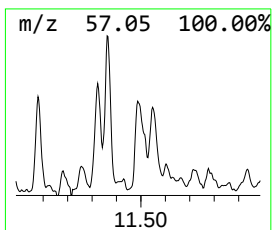
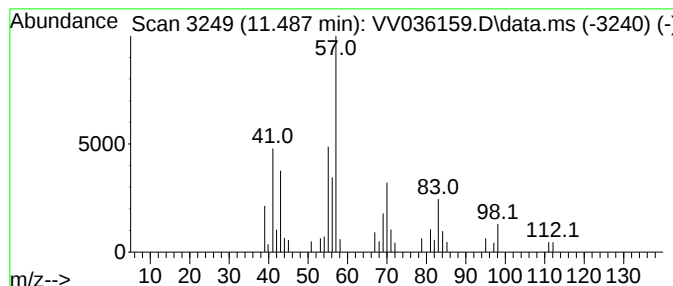
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Quant Title : VOC Analysis

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	2.34 ug/L	31394	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	86
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-			130	C8H18O	000106-67-2	53
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	53



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	11.082	1.7	ug/L	22511	3	11.185	334726	25.0
1-Hexanol, 2-et...	11.487	2.3	ug/L	31394	3	11.185	334726	25.0