

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036124.D
 Acq On : 18 Jun 2024 17:13
 Operator : SY/MD
 Sample : P2873-20
 Misc : 4.78g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK9

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: VV036124.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	65	72	91	rVB	256028	283639	13.06%	1.520%
2	1.526	144	151	168	rVB	218193	261769	12.05%	1.403%
3	2.047	304	313	336	rVB	464912	695457	32.02%	3.727%
4	2.233	364	371	382	rVB	8109	11724	0.54%	0.063%
5	2.439	425	435	458	rVV	149117	254246	11.71%	1.362%
6	2.551	462	470	488	rVB2	14525	29778	1.37%	0.160%
7	2.844	556	561	564	rBV2	367	432	0.02%	0.002%
8	2.957	585	596	616	rBV2	30406	63340	2.92%	0.339%
9	3.082	632	635	639	rBV3	379	348	0.02%	0.002%
10	3.150	653	656	659	rBV3	440	306	0.01%	0.002%
11	3.230	677	681	686	rBV3	352	432	0.02%	0.002%
12	3.539	772	777	780	rVB2	337	338	0.02%	0.002%
13	3.664	811	816	820	rBV4	373	383	0.02%	0.002%
14	3.828	851	867	912	rBV4	58256	272603	12.55%	1.461%
15	4.243	981	996	1033	rBV	289018	757589	34.88%	4.059%
16	4.519	1078	1082	1084	rVB4	788	563	0.03%	0.003%
17	4.625	1112	1115	1119	rVB2	703	429	0.02%	0.002%
18	4.657	1119	1125	1129	rBV3	723	722	0.03%	0.004%
19	4.838	1178	1181	1187	rBV2	345	373	0.02%	0.002%
20	4.899	1194	1200	1201	rBV2	403	411	0.02%	0.002%
21	4.950	1201	1216	1254	rBV2	697356	1792250	82.51%	9.604%
22	5.275	1315	1317	1321	rBV3	907	634	0.03%	0.003%
23	5.307	1324	1327	1329	rVB3	593	374	0.02%	0.002%
24	5.346	1337	1339	1342	rVB2	665	339	0.02%	0.002%
25	5.365	1342	1345	1349	rBV4	623	486	0.02%	0.003%
26	5.448	1368	1371	1375	rVB5	695	433	0.02%	0.002%
27	5.468	1375	1377	1382	rVB4	495	350	0.02%	0.002%
28	5.529	1382	1396	1438	rBV	686176	1438750	66.24%	7.709%
29	5.825	1476	1488	1508	rBV	41317	96510	4.44%	0.517%
30	5.985	1525	1538	1570	rBV	407098	861292	39.65%	4.615%
31	6.252	1615	1621	1626	rBV8	2462	3450	0.16%	0.018%
32	6.413	1668	1671	1674	rBV2	769	610	0.03%	0.003%
33	6.484	1690	1693	1695	rBV3	597	376	0.02%	0.002%
34	6.529	1702	1707	1711	rBV4	424	394	0.02%	0.002%
35	6.693	1755	1758	1761	rBV2	745	444	0.02%	0.002%
36	6.911	1813	1826	1860	rBV	189194	378945	17.45%	2.031%

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

37	7.239	1917	1928	1963	rBV	747004	1346908	62.01%	7.217%
38	7.554	2015	2026	2055	rBV	128799	250806	11.55%	1.344%
39	7.902	2115	2134	2163	rBV	1291772	2172058	100.00%	11.639%
40	8.030	2166	2174	2207	rVV	173003	364139	16.76%	1.951%
41	8.181	2213	2221	2253	rVB	57501	117304	5.40%	0.629%
42	8.362	2270	2277	2288	rVB3	9566	15295	0.70%	0.082%
43	8.484	2312	2315	2320	rVV4	525	438	0.02%	0.002%
44	8.564	2336	2340	2343	rBV4	642	529	0.02%	0.003%
45	8.664	2368	2371	2376	rVB4	478	362	0.02%	0.002%
46	8.783	2396	2408	2443	rBV	1095759	1796532	82.71%	9.627%
47	9.027	2481	2484	2489	rBV6	948	741	0.03%	0.004%
48	9.075	2489	2499	2522	rBV2	56115	102021	4.70%	0.547%
49	9.233	2546	2548	2552	rBV2	607	325	0.01%	0.002%
50	9.355	2582	2586	2591	rVB4	582	457	0.02%	0.002%
51	9.480	2616	2625	2640	rBV	26328	45639	2.10%	0.245%
52	9.635	2670	2673	2676	rVB2	459	383	0.02%	0.002%
53	9.763	2705	2713	2720	rBV5	5805	10716	0.49%	0.057%
54	9.873	2739	2747	2755	rVB4	6159	10197	0.47%	0.055%
55	10.011	2787	2790	2793	rVB3	478	370	0.02%	0.002%
56	10.107	2816	2820	2822	rBV2	566	484	0.02%	0.003%
57	10.152	2822	2834	2860	rVV	334059	538811	24.81%	2.887%
58	10.294	2870	2878	2879	rBV6	3222	3015	0.14%	0.016%
59	10.387	2899	2907	2924	rBV	18395	33059	1.52%	0.177%
60	10.477	2927	2935	2948	rVB2	18192	29807	1.37%	0.160%
61	10.590	2968	2970	2974	rBV3	472	329	0.02%	0.002%
62	10.680	2988	2998	3006	rBV	7472	10845	0.50%	0.058%
63	10.773	3024	3027	3033	rVB4	585	636	0.03%	0.003%
64	10.853	3043	3052	3072	rVV	55967	88359	4.07%	0.473%
65	11.033	3106	3108	3113	rVB3	746	566	0.03%	0.003%
66	11.098	3118	3128	3133	rBV5	8094	13238	0.61%	0.071%
67	11.181	3144	3154	3175	rBV	991729	1547679	71.25%	8.293%
68	11.275	3176	3183	3192	rVB2	21147	33531	1.54%	0.180%
69	11.490	3235	3250	3260	rBV5	12823	37967	1.75%	0.203%
70	11.558	3261	3271	3291	rVB	702073	1117673	51.46%	5.989%
71	11.850	3356	3362	3366	rBV8	1398	1631	0.08%	0.009%
72	11.918	3380	3383	3388	rBV6	443	378	0.02%	0.002%
73	12.056	3421	3426	3437	rVV9	1094	1896	0.09%	0.010%
74	12.162	3454	3459	3460	rBV3	720	569	0.03%	0.003%
75	12.194	3460	3469	3479	rVB2	7843	12334	0.57%	0.066%
76	12.258	3486	3489	3494	rVB6	819	860	0.04%	0.005%

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Title : VOC Analysis

77	12.294	3494	3500	3501	rBV5	3670	2778	0.13%	0.015%
78	12.352	3513	3518	3525	rVB8	2381	3326	0.15%	0.018%
79	12.406	3528	3535	3546	rVB2	5421	7951	0.37%	0.043%
80	12.564	3580	3584	3586	rBV2	616	553	0.03%	0.003%
81	12.583	3586	3590	3594	rVV4	1615	1437	0.07%	0.008%
82	12.821	3654	3664	3677	rVB4	11079	17686	0.81%	0.095%
83	13.072	3736	3742	3743	rBV2	544	485	0.02%	0.003%
84	13.210	3780	3785	3789	rBV3	781	860	0.04%	0.005%
85	13.316	3813	3818	3820	rBV3	669	594	0.03%	0.003%
86	13.435	3843	3855	3886	rBV	938128	1455362	67.00%	7.798%
87	13.564	3889	3895	3910	rVB	11655	19937	0.92%	0.107%
88	13.683	3925	3932	3946	rVB2	19876	30076	1.38%	0.161%
89	13.738	3946	3949	3951	rBV3	699	511	0.02%	0.003%
90	13.808	3967	3971	3974	rBV4	526	433	0.02%	0.002%
91	13.979	4014	4024	4026	rBV6	2589	3193	0.15%	0.017%
92	14.072	4051	4053	4057	rVB5	655	361	0.02%	0.002%
93	14.123	4060	4069	4075	rBV5	1991	2848	0.13%	0.015%
94	14.226	4099	4101	4108	rBV4	566	524	0.02%	0.003%
95	14.287	4118	4120	4124	rVB3	743	386	0.02%	0.002%
96	14.448	4166	4170	4174	rBV4	660	614	0.03%	0.003%
97	14.516	4187	4191	4192	rBV3	1482	995	0.05%	0.005%
98	14.567	4199	4207	4227	rBV	69103	114515	5.27%	0.614%
99	14.750	4256	4264	4281	rBV	46268	76147	3.51%	0.408%
100	15.313	4435	4439	4442	rBV5	1437	1374	0.06%	0.007%

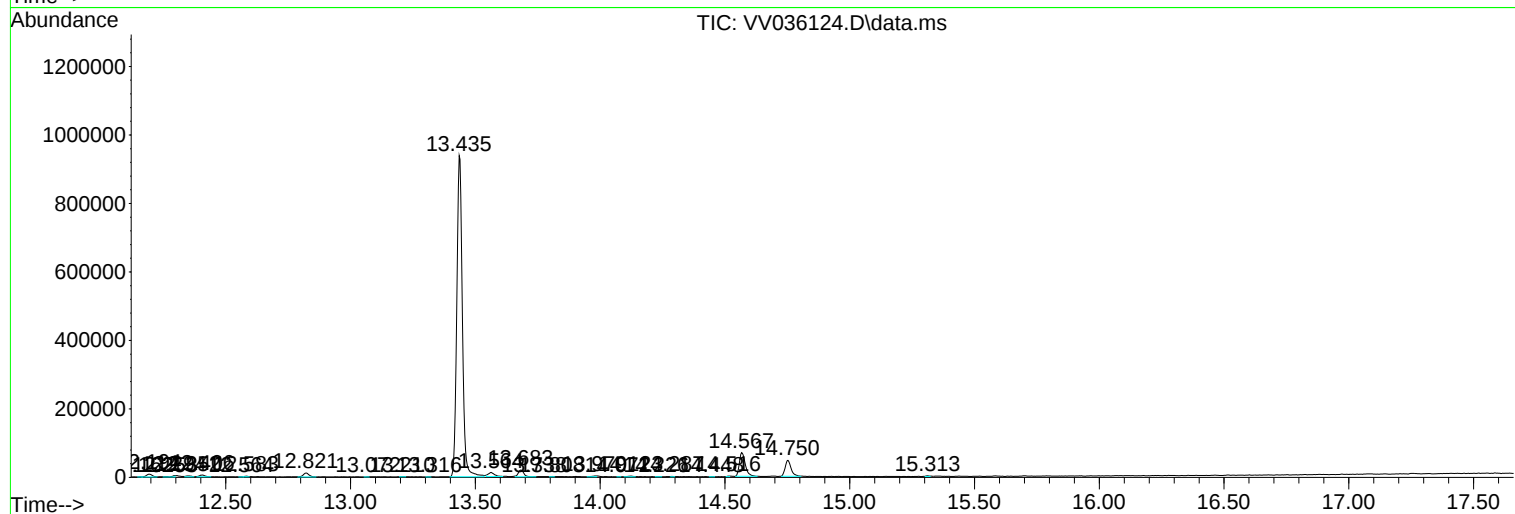
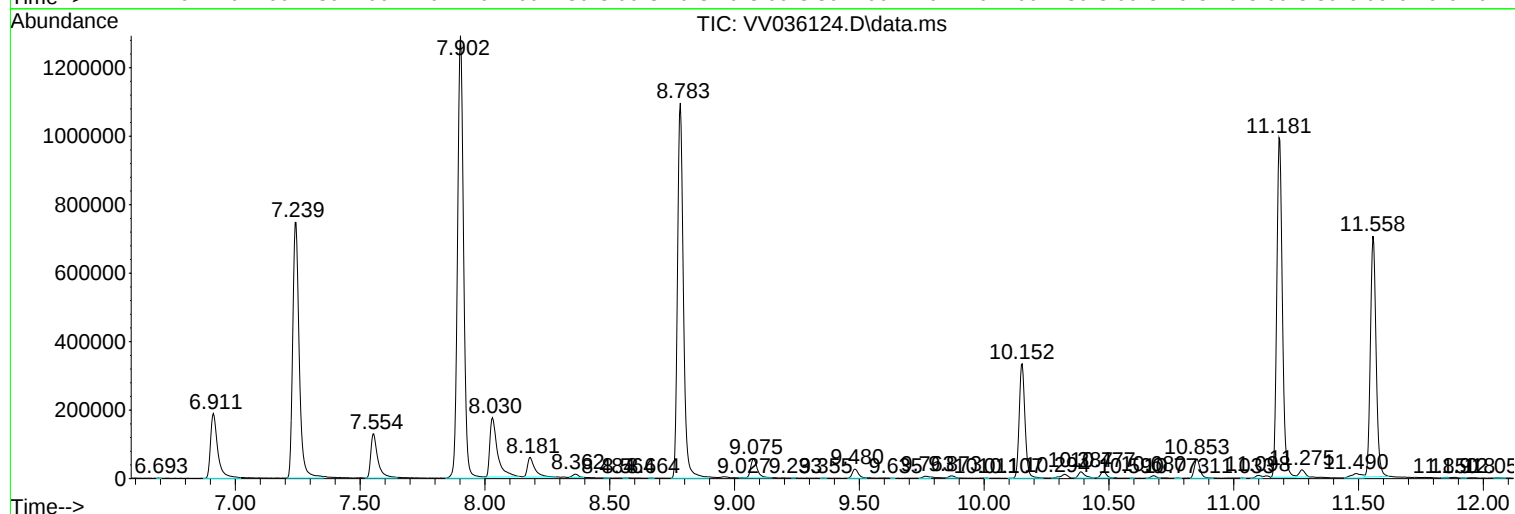
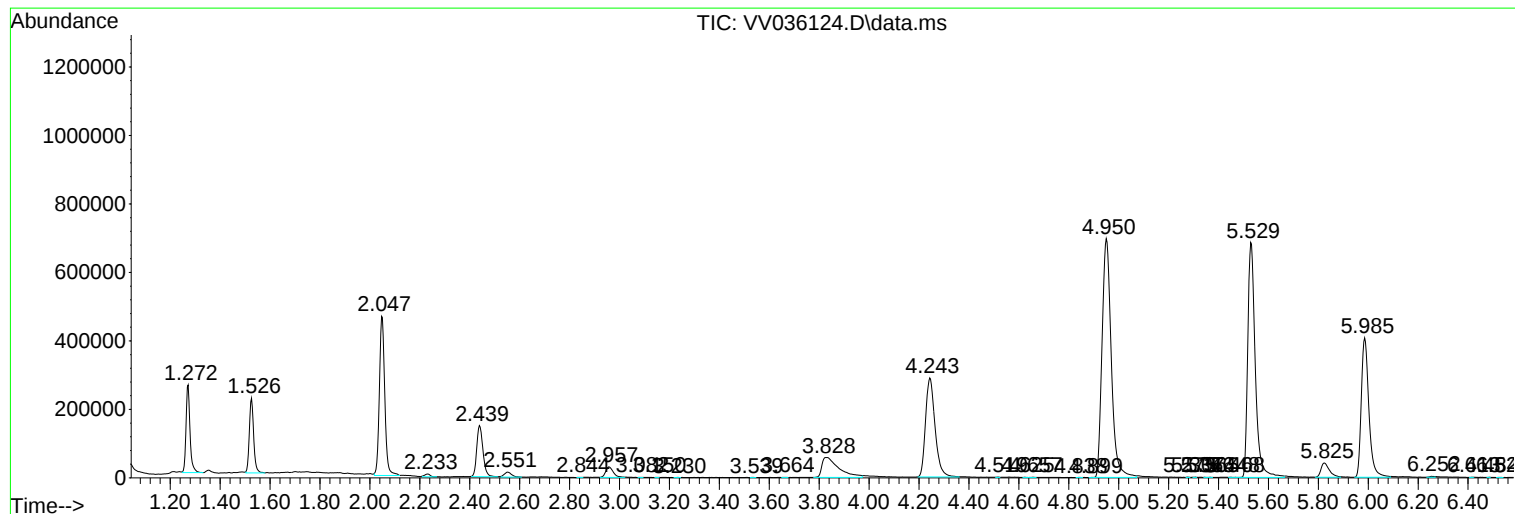
Sum of corrected areas: 18662352

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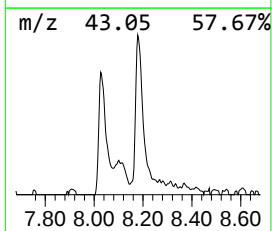
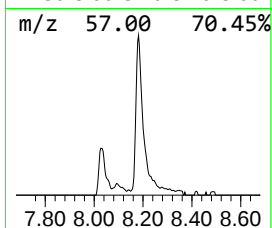
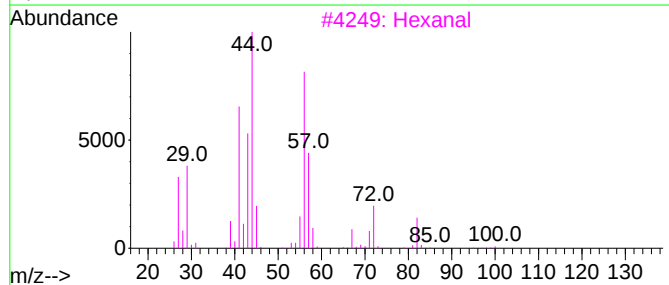
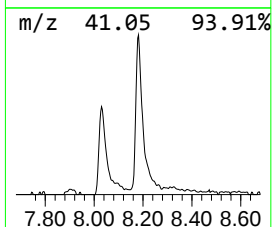
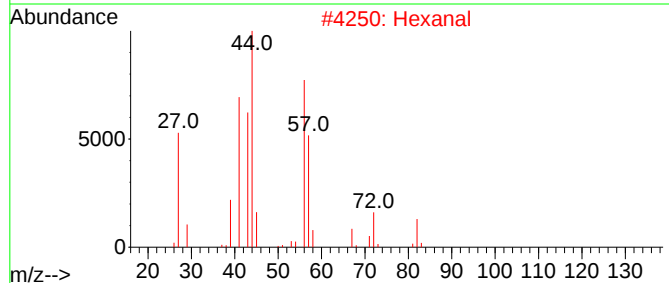
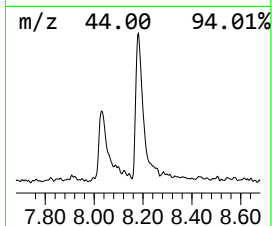
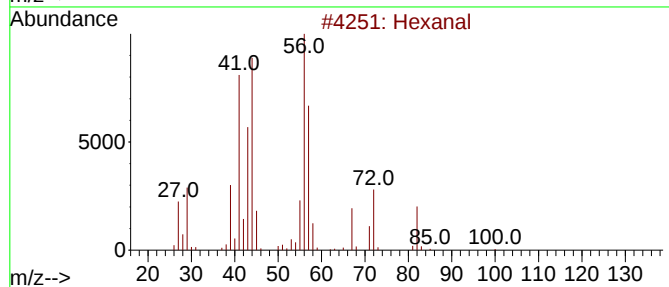
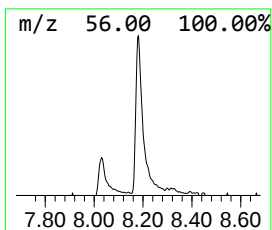
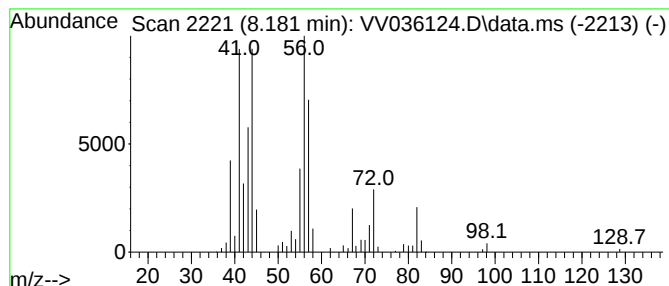
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.181	1.63 ug/L	117304	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	72
2	Hexanal			100	C6H12O	000066-25-1	64
3	Hexanal			100	C6H12O	000066-25-1	64
4	Hexanal			100	C6H12O	000066-25-1	59
5	Hexanal			100	C6H12O	000066-25-1	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	8.181	1.6	ug/L	117304	2	8.783	1796530	25.0