

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
 Data File : VV030603.D
 Acq On : 17 Apr 2023 21:02
 Operator : SY/MD
 Sample : 02360-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP3

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\SFAMVLM041723WMA.M
 Title : VOC Analysis

Signal : TIC: VV030603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.220	52	56	66	rBV	11510	14473	0.13%	0.084%
2	1.281	70	75	94	rVB	120751	136071	1.24%	0.787%
3	1.535	148	154	171	rVB	129932	158076	1.45%	0.914%
4	2.066	309	319	335	rBV	229911	339430	3.11%	1.962%
5	2.477	445	447	450	rVB5	1474	643	0.01%	0.004%
6	2.632	492	495	497	rBV3	1208	782	0.01%	0.005%
7	2.686	510	512	514	rBV3	1626	1077	0.01%	0.006%
8	2.748	528	531	533	rBV4	2298	1424	0.01%	0.008%
9	2.822	549	554	557	rBV6	1566	1187	0.01%	0.007%
10	2.889	572	575	579	rVB6	1892	1324	0.01%	0.008%
11	2.912	579	582	587	rBV6	1316	1233	0.01%	0.007%
12	3.043	618	623	626	rVV8	1466	1170	0.01%	0.007%
13	3.101	640	641	646	rVB5	1135	796	0.01%	0.005%
14	3.204	671	673	677	rBV5	1046	891	0.01%	0.005%
15	3.301	701	703	705	rBV2	1698	738	0.01%	0.004%
16	3.349	716	718	720	rBV3	1527	777	0.01%	0.004%
17	3.484	758	760	764	rVB5	1559	757	0.01%	0.004%
18	3.555	779	782	784	rBV3	1144	808	0.01%	0.005%
19	3.587	787	792	794	rBV6	1383	1139	0.01%	0.007%
20	3.616	799	801	804	rVB3	1881	961	0.01%	0.006%
21	3.728	833	836	840	rBV6	983	792	0.01%	0.005%
22	3.802	848	859	884	rBV	50438	156035	1.43%	0.902%
23	4.098	947	951	953	rBV4	1582	1092	0.01%	0.006%
24	4.259	989	1001	1019	rBV	133365	332742	3.04%	1.924%
25	4.468	1064	1066	1069	rBV4	1199	924	0.01%	0.005%
26	4.616	1110	1112	1114	rBV3	1749	856	0.01%	0.005%
27	4.741	1148	1151	1153	rBV4	1383	916	0.01%	0.005%
28	4.802	1166	1170	1174	rBV7	1040	1105	0.01%	0.006%
29	4.966	1201	1221	1247	rBV2	328747	869363	7.95%	5.026%
30	5.284	1318	1320	1325	rBV4	1369	706	0.01%	0.004%
31	5.407	1356	1358	1362	rBV5	1168	765	0.01%	0.004%
32	5.442	1366	1369	1371	rBV5	1102	780	0.01%	0.005%
33	5.542	1386	1400	1424	rBV	284299	592978	5.42%	3.428%
34	5.841	1477	1493	1529	rBV	5718518	10931444	100.00%	63.193%
35	6.471	1687	1689	1692	rVB4	1849	926	0.01%	0.005%
36	6.506	1697	1700	1702	rBV4	1350	963	0.01%	0.006%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Title : VOC Analysis

37	6.590	1723	1726	1728	rBV4	1264	877	0.01%	0.005%
38	6.879	1813	1816	1818	rBV3	1684	1339	0.01%	0.008%
39	6.921	1819	1829	1846	rVV2	94992	177776	1.63%	1.028%
40	7.040	1864	1866	1869	rBV3	1504	1096	0.01%	0.006%
41	7.072	1873	1876	1877	rBV3	1451	662	0.01%	0.004%
42	7.198	1911	1915	1918	rBV6	1197	958	0.01%	0.006%
43	7.252	1921	1932	1954	rBV	363649	652180	5.97%	3.770%
44	7.561	2019	2028	2041	rBV	69507	123503	1.13%	0.714%
45	7.690	2065	2068	2074	rBV7	1521	1413	0.01%	0.008%
46	7.757	2087	2089	2091	rBV3	1417	786	0.01%	0.005%
47	7.947	2145	2148	2154	rBV7	1619	1217	0.01%	0.007%
48	7.972	2154	2156	2158	rBV3	1221	721	0.01%	0.004%
49	8.034	2163	2175	2193	rBV	163958	320649	2.93%	1.854%
50	8.445	2301	2303	2306	rBV4	1024	687	0.01%	0.004%
51	8.567	2339	2341	2344	rBV3	1224	770	0.01%	0.004%
52	8.616	2354	2356	2359	rBV4	1291	788	0.01%	0.005%
53	8.722	2386	2389	2391	rBV4	1131	758	0.01%	0.004%
54	8.792	2398	2411	2432	rBV	423872	712270	6.52%	4.118%
55	9.316	2572	2574	2579	rBV5	1287	855	0.01%	0.005%
56	9.378	2591	2593	2596	rBV2	1960	1402	0.01%	0.008%
57	9.397	2596	2599	2601	rBV4	1295	709	0.01%	0.004%
58	9.760	2704	2712	2718	rBV7	8543	12631	0.12%	0.073%
59	10.162	2822	2837	2855	rBV	248089	401145	3.67%	2.319%
60	10.252	2861	2865	2871	rBV8	2526	2628	0.02%	0.015%
61	10.410	2909	2914	2918	rVB7	1655	1784	0.02%	0.010%
62	10.445	2922	2925	2928	rBV3	1251	886	0.01%	0.005%
63	10.586	2968	2969	2972	rBV3	1433	687	0.01%	0.004%
64	10.654	2986	2990	2992	rBV5	1275	1064	0.01%	0.006%
65	10.837	3044	3047	3049	rBV4	1193	674	0.01%	0.004%
66	10.931	3074	3076	3077	rBV2	1877	817	0.01%	0.005%
67	11.101	3122	3129	3140	rBV3	26329	40185	0.37%	0.232%
68	11.194	3147	3158	3181	rBV	401920	626427	5.73%	3.621%
69	11.371	3210	3213	3215	rBV4	992	638	0.01%	0.004%
70	11.490	3246	3250	3253	rBV6	1763	1494	0.01%	0.009%
71	11.570	3264	3275	3292	rBV	351319	562489	5.15%	3.252%
72	11.738	3324	3327	3331	rBV6	1324	899	0.01%	0.005%
73	11.937	3386	3389	3392	rBV4	1407	1135	0.01%	0.007%
74	12.001	3406	3409	3412	rBV5	1499	1362	0.01%	0.008%
75	12.037	3416	3420	3422	rBV3	2846	2133	0.02%	0.012%
76	12.197	3465	3470	3473	rBV7	1600	1235	0.01%	0.007%

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 Title : VOC Analysis

77	12.226	3477	3479	3483	rBV3	1015	769	0.01%	0.004%
78	12.297	3492	3501	3514	rVV4	33579	55660	0.51%	0.322%
79	12.464	3550	3553	3558	rVB7	2147	1530	0.01%	0.009%
80	12.545	3576	3578	3581	rVB3	1601	677	0.01%	0.004%
81	12.564	3581	3584	3585	rBV2	1829	1075	0.01%	0.006%
82	12.631	3602	3605	3609	rBV6	1526	1357	0.01%	0.008%
83	12.734	3634	3637	3639	rBV3	1506	711	0.01%	0.004%
84	12.914	3689	3693	3697	rBV6	1523	1089	0.01%	0.006%
85	12.959	3703	3707	3712	rVV8	1783	1948	0.02%	0.011%
86	13.094	3746	3749	3754	rVB6	1254	1003	0.01%	0.006%
87	13.159	3768	3769	3774	rVB4	1646	907	0.01%	0.005%
88	13.184	3774	3777	3779	rBV4	1783	913	0.01%	0.005%
89	13.336	3822	3824	3827	rBV4	1193	663	0.01%	0.004%
90	13.483	3868	3870	3872	rBV2	1525	812	0.01%	0.005%
91	13.612	3908	3910	3915	rVB5	1722	1081	0.01%	0.006%
92	13.766	3956	3958	3959	rBV2	1841	797	0.01%	0.005%
93	13.795	3965	3967	3969	rBV3	1186	788	0.01%	0.005%
94	13.972	4019	4022	4024	rBV3	1773	1087	0.01%	0.006%
95	14.037	4040	4042	4045	rVB3	1310	635	0.01%	0.004%
96	14.117	4065	4067	4070	rBV4	1499	797	0.01%	0.005%
97	14.184	4084	4088	4094	rBV8	2200	2610	0.02%	0.015%
98	14.246	4101	4107	4111	rBV8	1539	1796	0.02%	0.010%
99	14.696	4245	4247	4250	rBV3	1491	861	0.01%	0.005%
100	15.220	4409	4410	4413	rBV2	1560	966	0.01%	0.006%

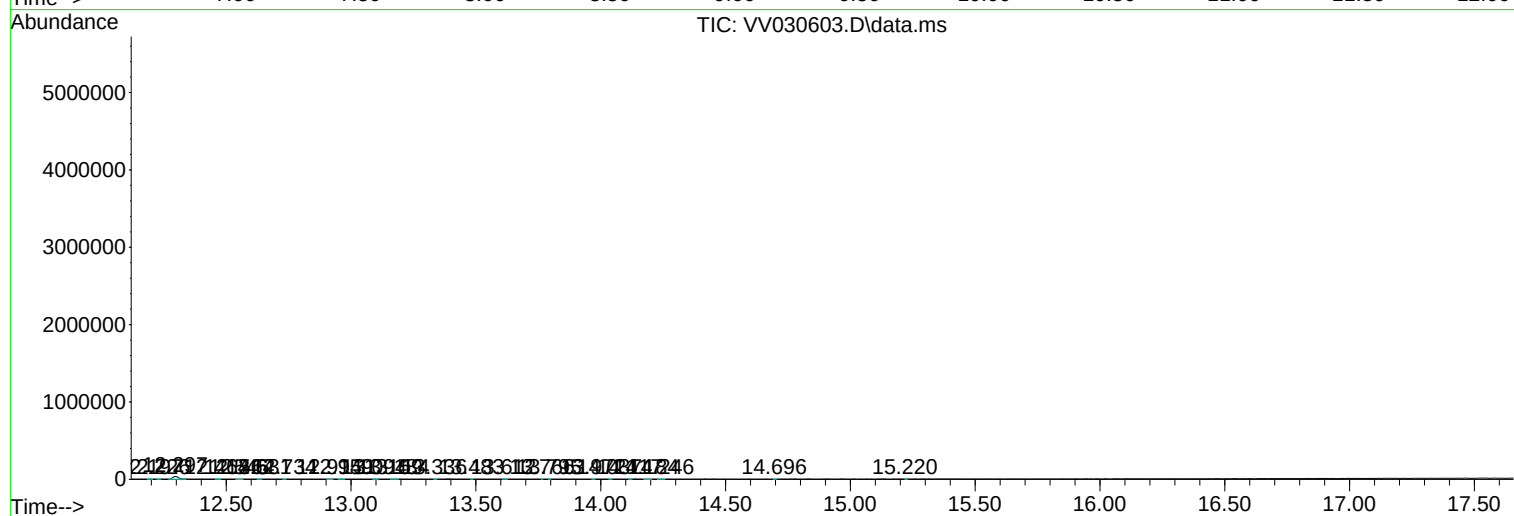
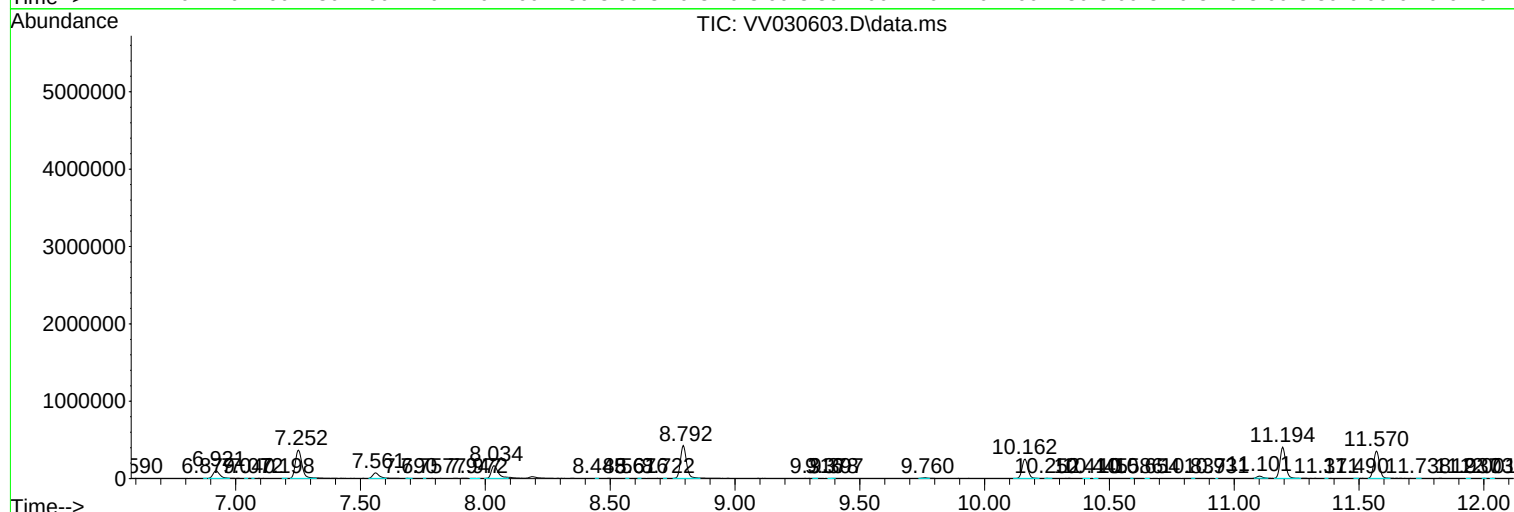
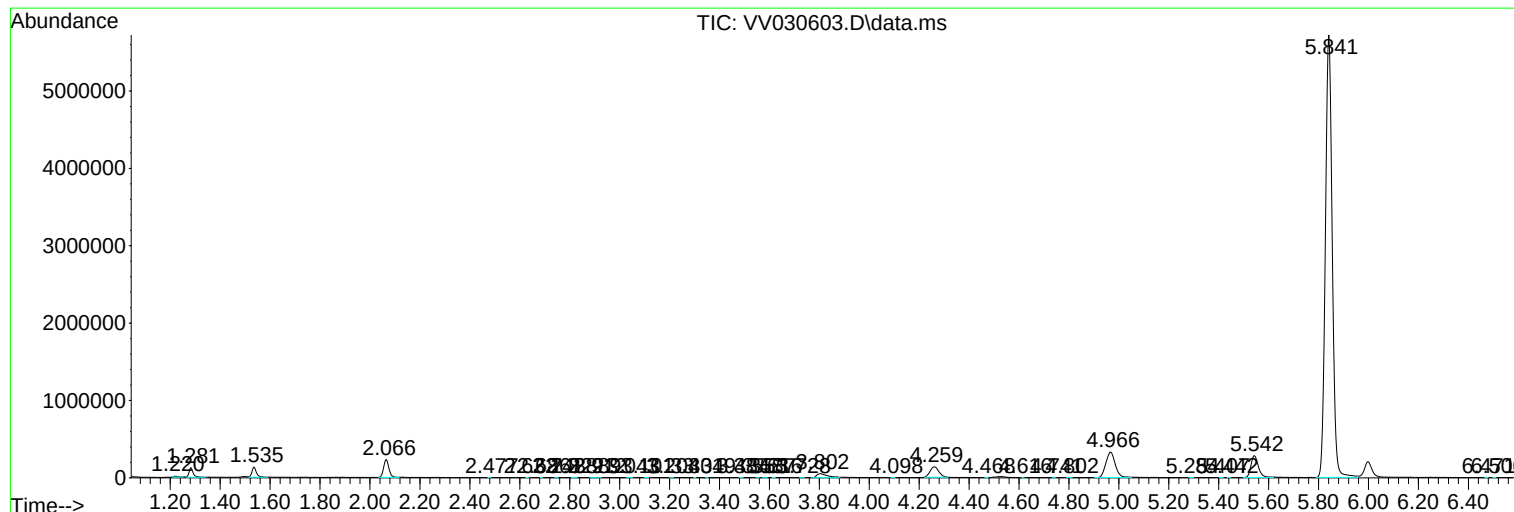
Sum of corrected areas: 17298405

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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



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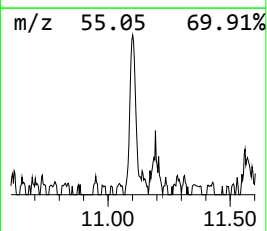
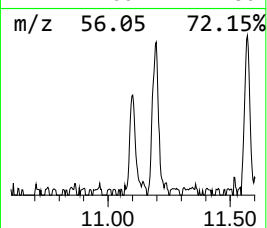
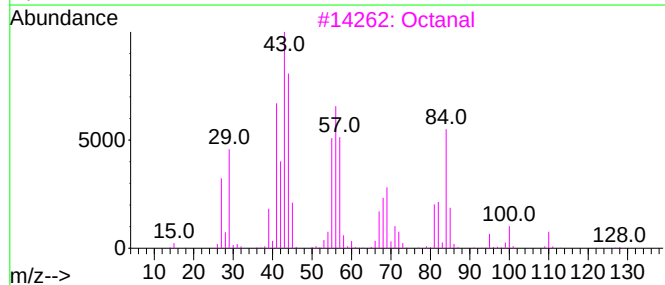
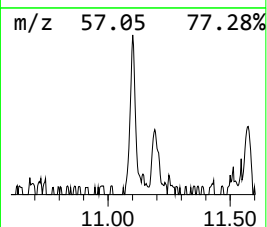
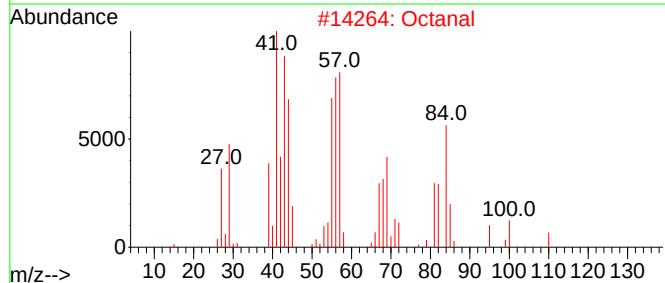
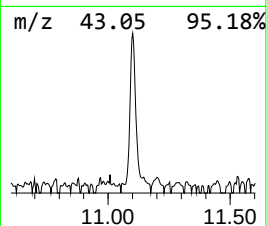
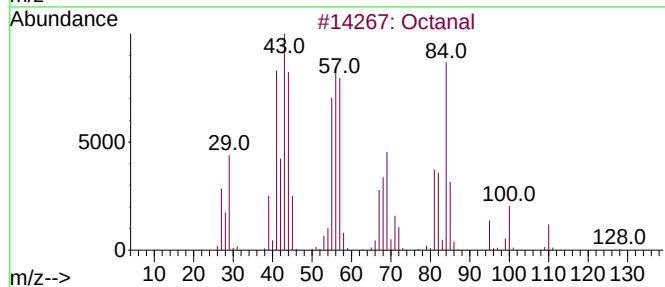
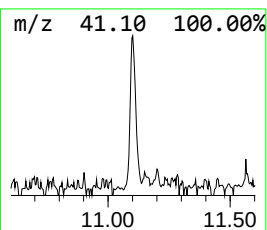
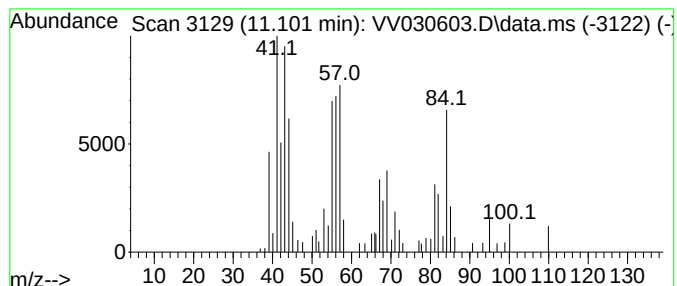
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.101	3.21 ug/L	40185	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	86
2	Octanal			128	C8H16O	000124-13-0	80
3	Octanal			128	C8H16O	000124-13-0	72
4	2-Amino-oxazole			84	C3H4N2O	004570-45-0	52
5	Cyclopentanol, 2-methyl-, trans-			100	C6H12O	025144-04-1	46



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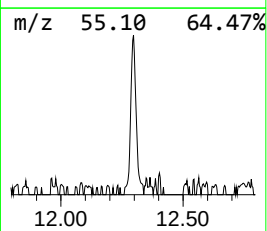
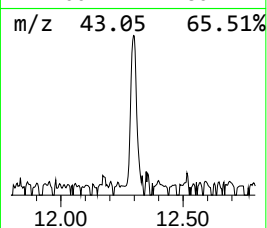
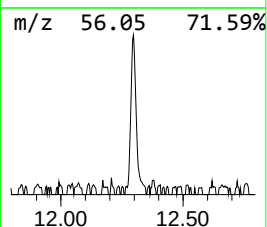
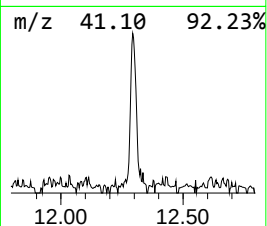
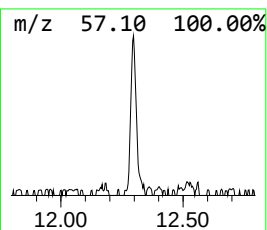
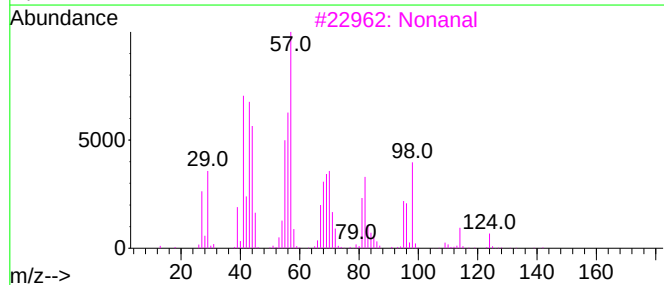
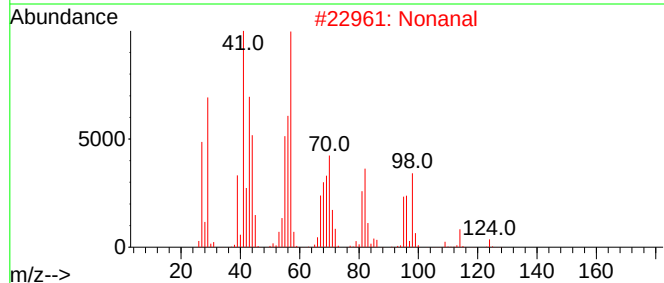
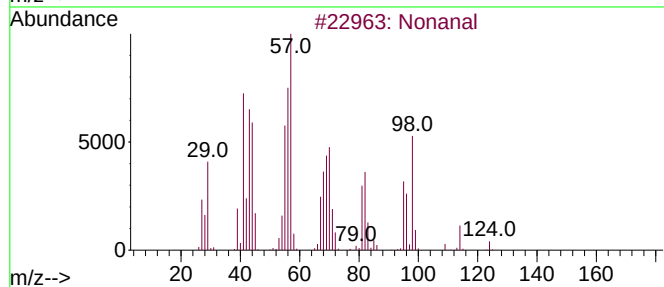
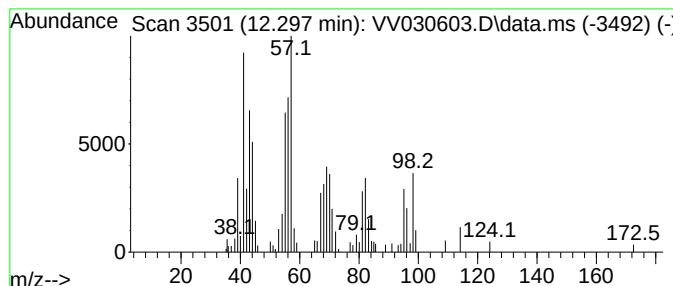
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.297	4.44 ug/L	55660	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	87
4	Nonanal			142	C9H18O	000124-19-6	80
5	(1S,2S)-(+)-1,2-Diaminocyclohexane			114	C6H14N2	021436-03-3	25



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Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octanal	11.101	3.2	ug/L	40185	3	11.194	626427	50.0
Nonanal	12.297	4.4	ug/L	55660	3	11.194	626427	50.0