

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030711.D
 Acq On : 20 Apr 2023 13:00
 Operator : SY/MD
 Sample : 02411-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

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: VV030711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	70	75	86	rVB	51645	55242	5.96%	0.941%
2	1.535	148	154	163	rVB	57883	66788	7.21%	1.138%
3	2.066	311	319	332	rVB2	115890	170528	18.40%	2.905%
4	2.314	394	396	400	rVB3	1980	1030	0.11%	0.018%
5	2.394	417	421	422	rBV3	1553	925	0.10%	0.016%
6	2.619	488	491	494	rBV5	1647	1077	0.12%	0.018%
7	2.661	502	504	505	rBV2	1061	367	0.04%	0.006%
8	2.886	573	574	577	rBV3	962	498	0.05%	0.008%
9	3.217	674	677	680	rBV4	1123	761	0.08%	0.013%
10	3.265	690	692	696	rVB5	1677	1013	0.11%	0.017%
11	3.288	696	699	706	rBV7	2002	1921	0.21%	0.033%
12	3.371	723	725	728	rBV4	1124	800	0.09%	0.014%
13	3.429	741	743	744	rBV2	1024	386	0.04%	0.007%
14	3.568	784	786	789	rVB4	1838	1002	0.11%	0.017%
15	3.584	789	791	792	rBV2	1331	567	0.06%	0.010%
16	3.667	815	817	819	rBV3	1402	596	0.06%	0.010%
17	3.722	833	834	837	rVB3	784	299	0.03%	0.005%
18	3.812	845	862	885	rBV4	69216	262327	28.31%	4.469%
19	4.040	932	933	937	rBV3	1428	982	0.11%	0.017%
20	4.114	954	956	960	rBV4	1613	882	0.10%	0.015%
21	4.259	989	1001	1002	rBV	99849	136251	14.70%	2.321%
22	4.442	1056	1058	1060	rBV3	1176	625	0.07%	0.011%
23	4.487	1070	1072	1073	rBV2	2372	1063	0.11%	0.018%
24	4.654	1121	1124	1125	rBV3	1226	694	0.07%	0.012%
25	4.748	1150	1153	1157	rVB6	1579	1082	0.12%	0.018%
26	4.783	1162	1164	1168	rVB5	1580	1047	0.11%	0.018%
27	4.805	1168	1171	1173	rBV4	2385	1560	0.17%	0.027%
28	4.854	1182	1186	1187	rBV3	706	440	0.05%	0.007%
29	4.912	1201	1204	1205	rBV2	1070	502	0.05%	0.009%
30	4.966	1205	1221	1243	rVV2	219427	593246	64.03%	10.106%
31	5.394	1351	1354	1357	rBV5	1507	1436	0.15%	0.024%
32	5.542	1384	1400	1421	rBV	198433	426745	46.06%	7.270%
33	5.841	1480	1493	1513	rBV	467128	926580	100.00%	15.785%
34	5.998	1532	1542	1565	rVB	141468	293123	31.63%	4.994%
35	6.481	1691	1692	1693	rBV	1269	394	0.04%	0.007%
36	6.529	1705	1707	1709	rBV3	1803	999	0.11%	0.017%

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 Title : VOC Analysis

37	6.780	1784	1785	1786	rBV	1103	295	0.03%	0.005%
38	6.825	1797	1799	1800	rBV2	1487	608	0.07%	0.010%
39	6.886	1817	1818	1819	rBV	774	201	0.02%	0.003%
40	6.921	1819	1829	1845	rBV	71708	136011	14.68%	2.317%
41	7.063	1872	1873	1876	rBV3	1458	821	0.09%	0.014%
42	7.252	1921	1932	1954	rBV	226543	409012	44.14%	6.968%
43	7.561	2020	2028	2041	rBV2	49398	85241	9.20%	1.452%
44	8.034	2166	2175	2207	rBV	164803	325370	35.12%	5.543%
45	8.728	2390	2391	2392	rBV	990	312	0.03%	0.005%
46	8.738	2392	2394	2396	rVV3	1679	750	0.08%	0.013%
47	8.792	2401	2411	2434	rVV	315696	539667	58.24%	9.194%
48	9.320	2572	2575	2576	rBV2	836	494	0.05%	0.008%
49	9.603	2660	2663	2665	rBV4	1591	1088	0.12%	0.019%
50	9.828	2731	2733	2735	rBV3	1663	847	0.09%	0.014%
51	9.940	2766	2768	2772	rBV5	1095	531	0.06%	0.009%
52	10.017	2790	2792	2796	rBV5	1824	1049	0.11%	0.018%
53	10.040	2796	2799	2800	rVV3	954	395	0.04%	0.007%
54	10.104	2815	2819	2820	rBV4	1349	1073	0.12%	0.018%
55	10.159	2824	2836	2853	rVV	222810	368071	39.72%	6.270%
56	10.426	2916	2919	2923	rVB5	967	662	0.07%	0.011%
57	10.696	3000	3003	3004	rBV3	1276	760	0.08%	0.013%
58	10.747	3014	3019	3022	rBV5	1767	1348	0.15%	0.023%
59	10.767	3022	3025	3026	rBV3	883	417	0.05%	0.007%
60	10.776	3026	3028	3030	rBV2	1174	752	0.08%	0.013%
61	10.824	3042	3043	3046	rBV3	1133	499	0.05%	0.009%
62	11.037	3106	3109	3110	rBV2	1284	604	0.07%	0.010%
63	11.101	3118	3129	3144	rBV2	14568	30910	3.34%	0.527%
64	11.194	3148	3158	3180	rVB	304565	494184	53.33%	8.419%
65	11.570	3264	3275	3295	rVB	278934	457387	49.36%	7.792%
66	11.686	3307	3311	3313	rBV5	1672	1246	0.13%	0.021%
67	11.722	3318	3322	3323	rBV4	1608	1052	0.11%	0.018%
68	11.882	3369	3372	3373	rBV2	1806	1048	0.11%	0.018%
69	11.940	3388	3390	3392	rBV3	840	469	0.05%	0.008%
70	12.046	3421	3423	3424	rBV2	1750	894	0.10%	0.015%
71	12.300	3491	3502	3510	rBV7	16789	30190	3.26%	0.514%
72	12.516	3565	3569	3570	rBV5	1250	923	0.10%	0.016%
73	12.718	3630	3632	3633	rBV2	935	450	0.05%	0.008%
74	12.760	3644	3645	3648	rBV2	1162	644	0.07%	0.011%
75	12.927	3695	3697	3698	rBV2	846	439	0.05%	0.007%
76	13.008	3716	3722	3724	rBV6	1859	1767	0.19%	0.030%

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77	13.303	3811	3814	3817	rBV5	1813	985	0.11%	0.017%
78	13.323	3817	3820	3821	rBV3	875	495	0.05%	0.008%
79	13.394	3839	3842	3845	rBV5	2306	1712	0.18%	0.029%
80	13.429	3851	3853	3857	rBV5	1681	1463	0.16%	0.025%
81	13.493	3871	3873	3875	rBV3	1666	1087	0.12%	0.019%
82	13.551	3889	3891	3892	rBV2	1288	581	0.06%	0.010%
83	13.728	3943	3946	3948	rBV3	2369	1466	0.16%	0.025%
84	13.824	3974	3976	3979	rBV4	1382	841	0.09%	0.014%
85	13.895	3994	3998	4000	rBV4	1266	954	0.10%	0.016%
86	14.056	4045	4048	4053	rBV6	1912	1867	0.20%	0.032%
87	14.136	4068	4073	4077	rBV7	2350	3172	0.34%	0.054%
88	14.329	4130	4133	4134	rBV4	1290	842	0.09%	0.014%
89	14.426	4161	4163	4165	rBV3	1237	734	0.08%	0.013%
90	14.500	4184	4186	4190	rBV4	1692	1158	0.12%	0.020%
91	14.709	4249	4251	4252	rBV2	1202	464	0.05%	0.008%

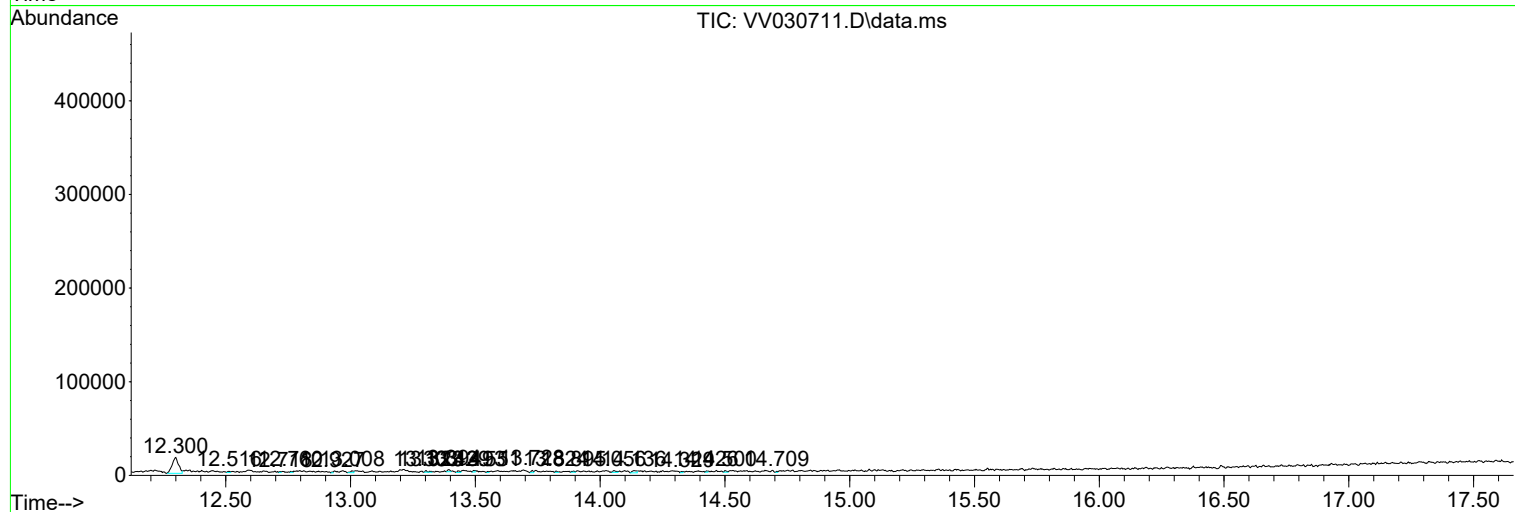
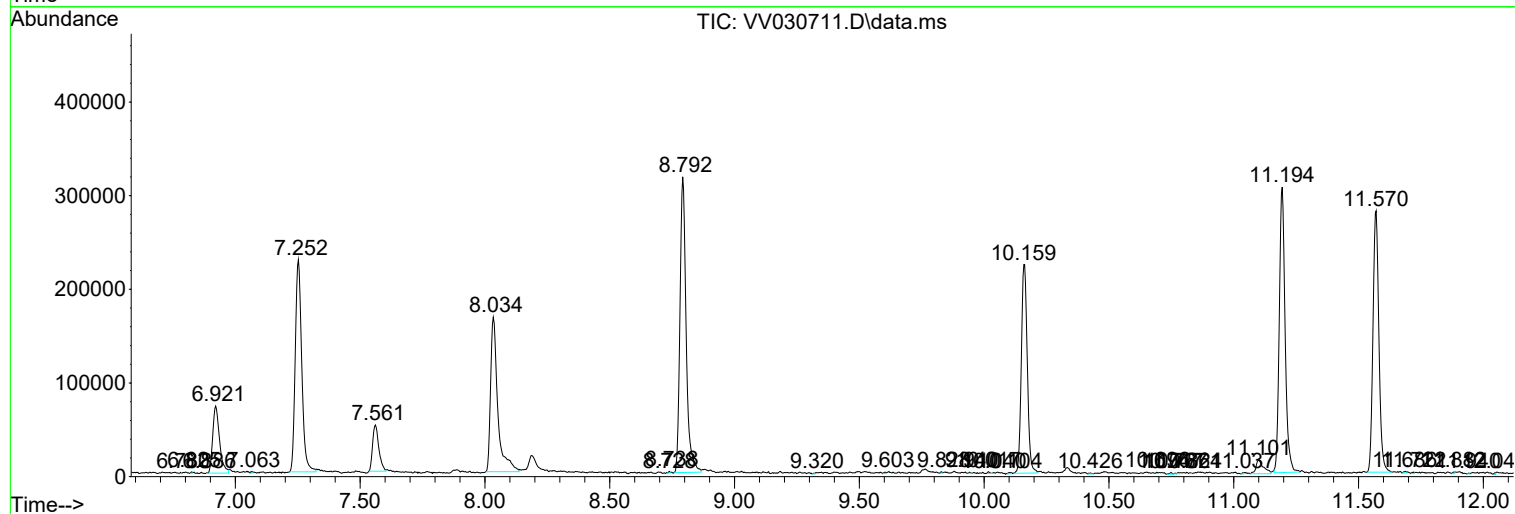
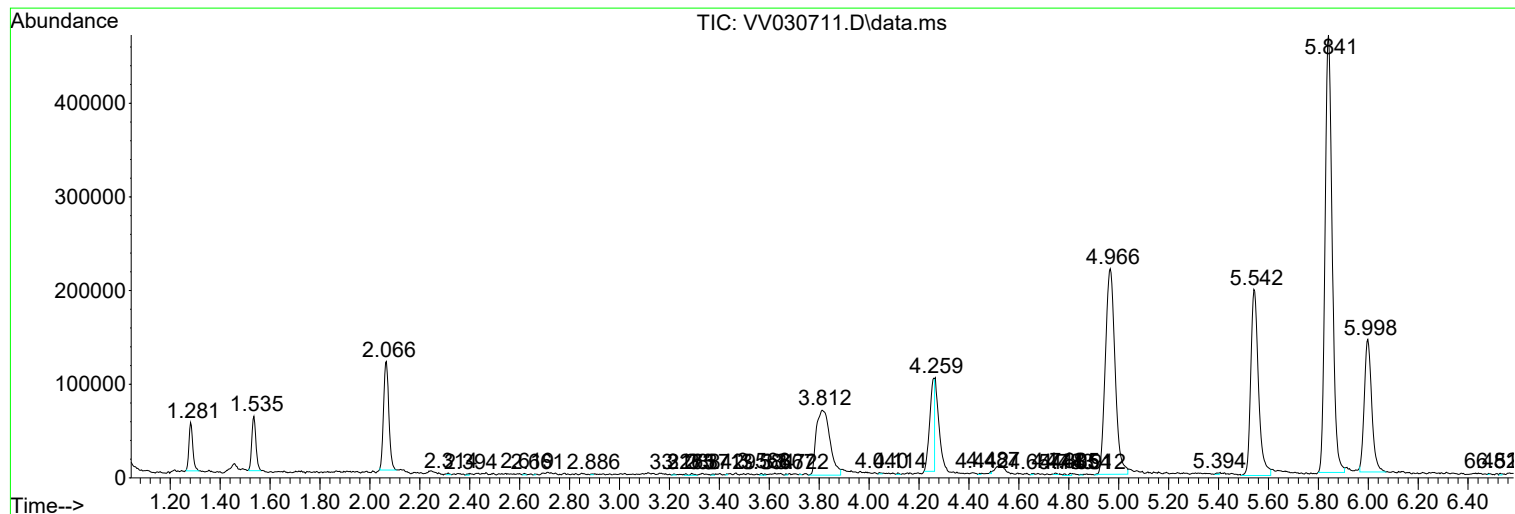
Sum of corrected areas: 5870080

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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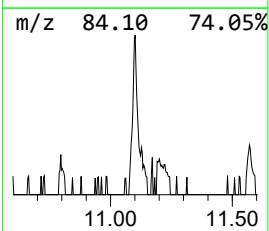
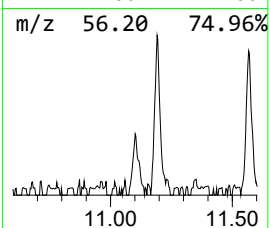
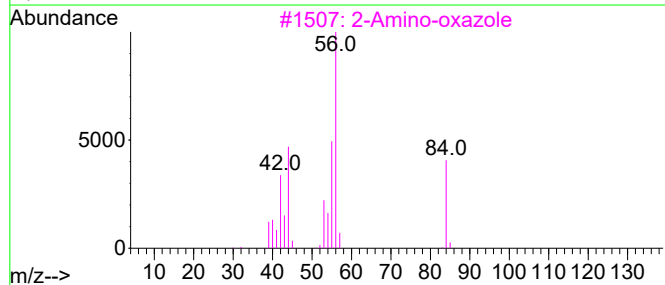
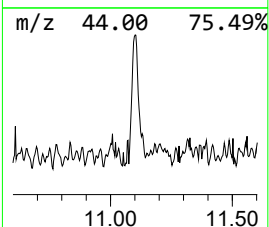
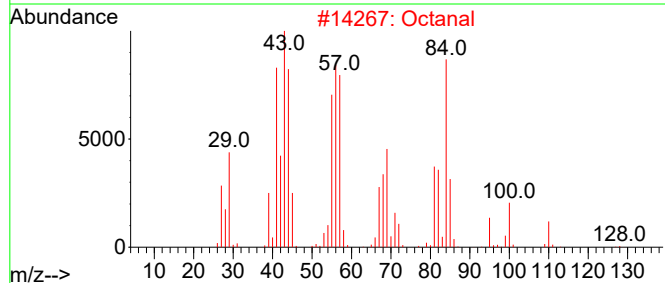
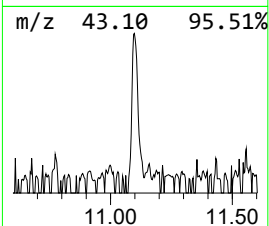
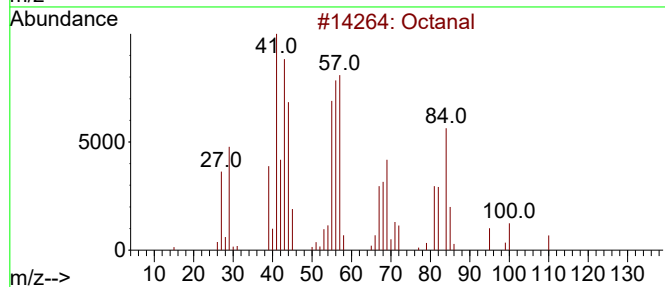
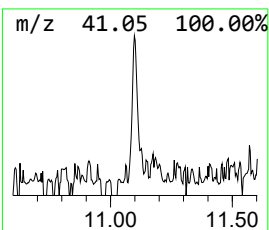
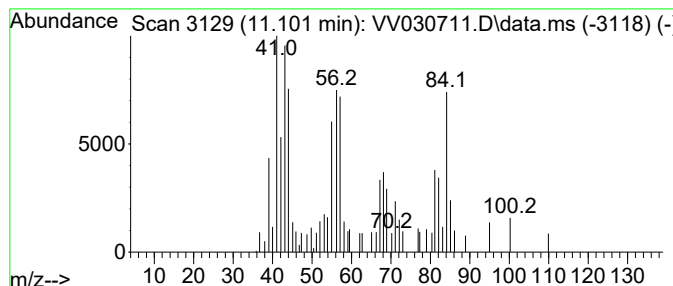
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.101	3.13 ug/L	30910	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	81
2	Octanal			128	C8H16O	000124-13-0	74
3	2-Amino-oxazole			84	C3H4N2O	004570-45-0	72
4	Octanal			128	C8H16O	000124-13-0	64
5	Octanal			128	C8H16O	000124-13-0	64



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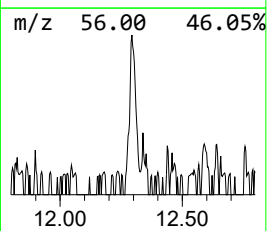
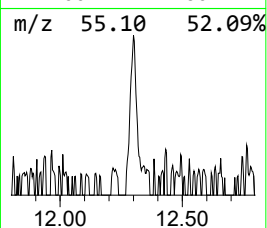
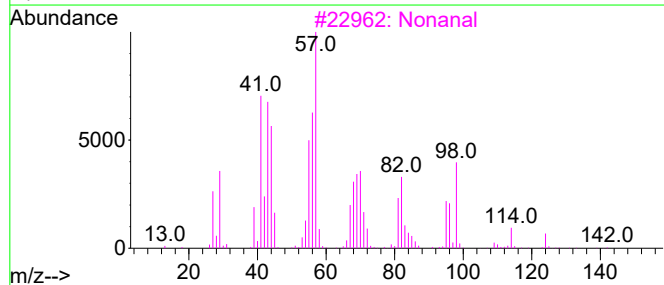
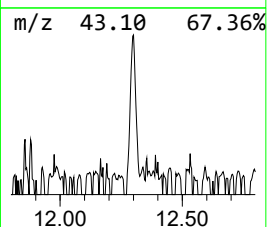
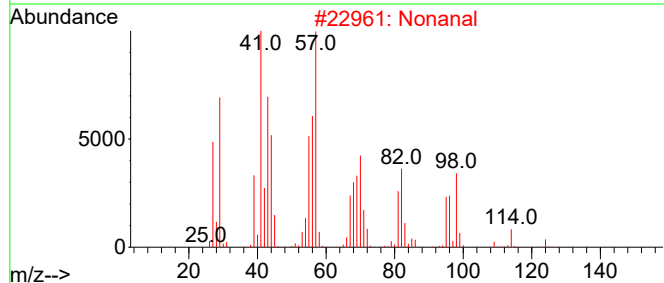
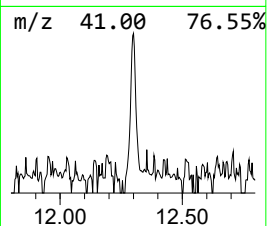
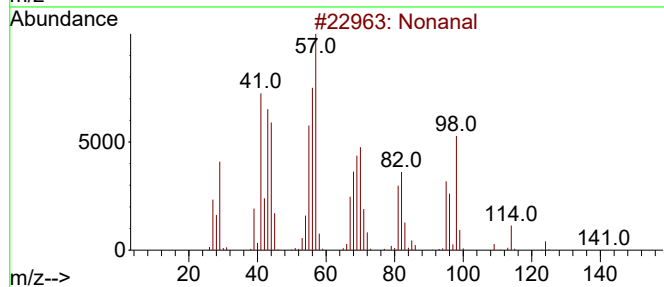
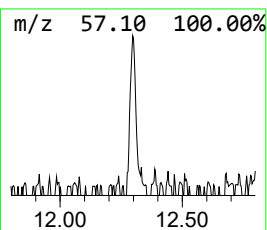
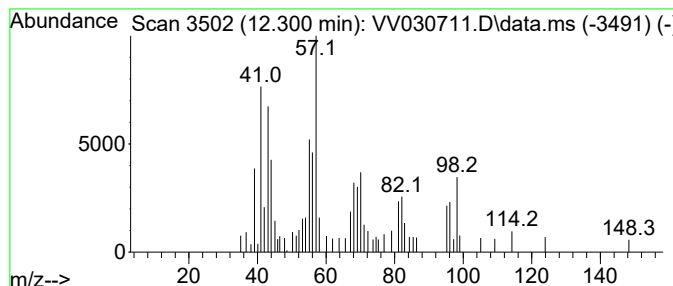
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.300	3.05 ug/L	30190	1,4-Dichlorobenzene-d4	11.194

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	62
2			Nonanal	142	C9H18O	000124-19-6	62
3			Nonanal	142	C9H18O	000124-19-6	58
4			Cyclohexanone, 3-hydroxy-	114	C6H10O2	000823-19-8	18
5			1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	11



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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	3.1	ug/L	30910	3	11.194	494184	50.0
Nonanal	12.300	3.0	ug/L	30190	3	11.194	494184	50.0