LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030606.D
Acq On : 17 Apr 2023 22:14
Operator : SY/MD
Sample : 02360-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

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: VV030606.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	51	56	66	rBV	15003	21800	1.12%	0.235%
2	1.281	69	75	92	rVB	113384	131524	6.75%	1.417%
3	1.532	147	153	169	rVB	99926	124447	6.38%	1.340%
4	2.066	309	319	332	rBV	225709	348488	17.88%	3.754%
5	2.400	420	423	427	rVB6	1451	980	0.05%	0.011%
6	2.526	456	462	463	rBV6	1382	1286	0.07%	0.014%
7	2.680	507	510	512	rBV3	1024	721	0.04%	0.008%
8	2.793	543	545	546	rBV2	994	391	0.02%	0.004%
9	2.844	558	561	562	rBV2	1162	556	0.03%	0.006%
10	2.982	601	604	610	rBV7	2060	1777	0.09%	0.019%
11	3.101	637	641	642	rBV4	1678	1048	0.05%	0.011%
12	3.240	679	684	687	rBV5	1946	2057	0.11%	0.022%
13	3.285	693	698	699	rVB4	1410	944	0.05%	0.010%
14	3.294	699	701	704	rBV4	1556	1156	0.06%	0.012%
15	3.352	717	719	722	rBV4	1872	1310	0.07%	0.014%
16	3.394	729	732	733	rBV3	1027	577	0.03%	0.006%
17	3.436	741	745	747	rBV5	2169	1354	0.07%	0.015%
18	3.471	755	756	757	rBV	738	234	0.01%	0.003%
19	3.500	764	765	766	rBV	659	153	0.01%	0.002%
20	3.551	779	781	783	rVB3	1277	406	0.02%	0.004%
21	3.699	823	827	830	rBV6	1288	1270	0.07%	0.014%
22	3.731	835	837	839	rVB3	1318	482	0.02%	0.005%
23	3.802	849	859	888	rBV2	50449	173118	8.88%	1.865%
24	4.262	986	1002	1022	rBV	130503	340446	17.47%	3.667%
25	4.522	1069	1083	1107	rVB	228584	586594	30.09%	6.318%
26	4.895	1196	1199	1200	rBV2	810	396	0.02%	0.004%
27	4.966	1202	1221	1250	rBV2	307884	821204	42.13%	8.845%
28	5.358	1341	1343	1344	rBV2	1136	407	0.02%	0.004%
29	5.368	1344	1346	1349	rVB4	2111	842	0.04%	0.009%
30	5.403	1349	1357	1358	rBV7	2275	2891	0.15%	0.031%
31	5.542	1387	1400	1420	rBV	265634	551315	28.28%	5.938%
32	5.841	1479	1493	1512	rBV	991455	1949157	100.00%	20.995%
33	5.998	1532	1542	1563	rVB	181631	369936	18.98%	3.985%
34	6.670	1748	1751	1756	rBV6	1459	1203	0.06%	0.013%
35	6.763	1778	1780	1782	rBV2	1299	673	0.03%	0.007%
36	6.844	1803	1805	1806	rBV2	1316	755	0.04%	0.008%

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Instrument :
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ClientSampleId :
C0AP9

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

37	6.921	1820	1829	1846	rBV	89163	162925	8.36%	1.755%
38	7.059	1870	1872	1874	rBV3	1602	821	0.04%	0.009%
39	7.252	1919	1932	1951	rBV	338526	607170	31.15%	6.540%
40	7.561	2019	2028	2046	rBV	65300	116897	6.00%	1.259%
41	7.770	2091	2093	2096	rBV4	1358	1033	0.05%	0.011%
42	7.866	2118	2123	2126	rBV5	2533	2431	0.12%	0.026%
43	7.966	2150	2154	2156	rBV5	1193	1048	0.05%	0.011%
44	8.034	2164	2175	2207	rBV	162892	331956	17.03%	3.576%
45	8.185	2214	2222	2244	rVB	78396	135235	6.94%	1.457%
46	8.677	2372	2375	2378	rBV4	1039	869	0.04%	0.009%
47	8.792	2399	2411	2436	rBV	403230	677980	34.78%	7.303%
48	9.175	2528	2530	2533	rBV4	1800	768	0.04%	0.008%
49	9.197	2536	2537	2539	rBV3	1067	361	0.02%	0.004%
50	9.275	2559	2561	2565	rBV4	1638	917	0.05%	0.010%
51	9.596	2659	2661	2666	rBV7	1175	1246	0.06%	0.013%
52	10.037	2796	2798	2799	rBV2	1128	351	0.02%	0.004%
53	10.062	2804	2806	2810	rBV5	1470	1012	0.05%	0.011%
54	10.101	2817	2818	2819	rBV	1008	330	0.02%	0.004%
55	10.162	2826	2837	2853	rVB	232268	373230	19.15%	4.020%
56	10.529	2947	2951	2953	rBV4	2357	1832	0.09%	0.020%
57	10.609	2973	2976	2978	rBV3	1748	848	0.04%	0.009%
58	10.731	3008	3014	3017	rBV5	1446	1584	0.08%	0.017%
59	10.850	3048	3051	3053	rBV4	1930	1209	0.06%	0.013%
60	11.030	3105	3107	3109	rBV3	1556	986	0.05%	0.011%
61	11.098	3119	3128	3145	rBV2	66474	109527	5.62%	1.180%
62	11.194	3147	3158	3176	rVV	396456	619162	31.77%	6.669%
63	11.458	3238	3240	3241	rBV2	1197	492	0.03%	0.005%
64	11.570	3263	3275	3291	rBV	338088	533726	27.38%	5.749%
65	11.754	3331	3332	3334	rBV2	1318	452	0.02%	0.005%
66	11.869	3367	3368	3371	rBV4	875	493	0.03%	0.005%
67	11.885	3371	3373	3374	rBV2	1387	436	0.02%	0.005%
68	11.918	3380	3383	3385	rBV4	1268	909	0.05%	0.010%
69	11.959	3392	3396	3402	rBV8	1939	2871	0.15%	0.031%
70	12.008	3409	3411	3415	rBV4	1664	1211	0.06%	0.013%
71	12.236	3480	3482	3485	rBV3	1230	740	0.04%	0.008%
72	12.294	3492	3500	3516	rVB2	91138	139734	7.17%	1.505%
73	12.625	3601	3603	3607	rBV4	1476	1329	0.07%	0.014%
74	13.017	3723	3725	3729	rVB5	1507	889	0.05%	0.010%
75	13.085	3743	3746	3747	rBV2	1429	820	0.04%	0.009%
76	13.770	3958	3959	3961	rBV2	1415	470	0.02%	0.005%

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Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Title : VOC Analysis

77	13.943	4012	4013	4015	rBV2	1285	564	0.03%	0.006%
78	13.998	4028	4030	4031	rBV2	1084	535	0.03%	0.006%
79	14.127	4066	4070	4071	rBV4	2505	1441	0.07%	0.016%
80	14.313	4126	4128	4133	rVB6	1867	1022	0.05%	0.011%
81	14.554	4200	4203	4209	rBV8	2353	2329	0.12%	0.025%

Sum of corrected areas: 9284089

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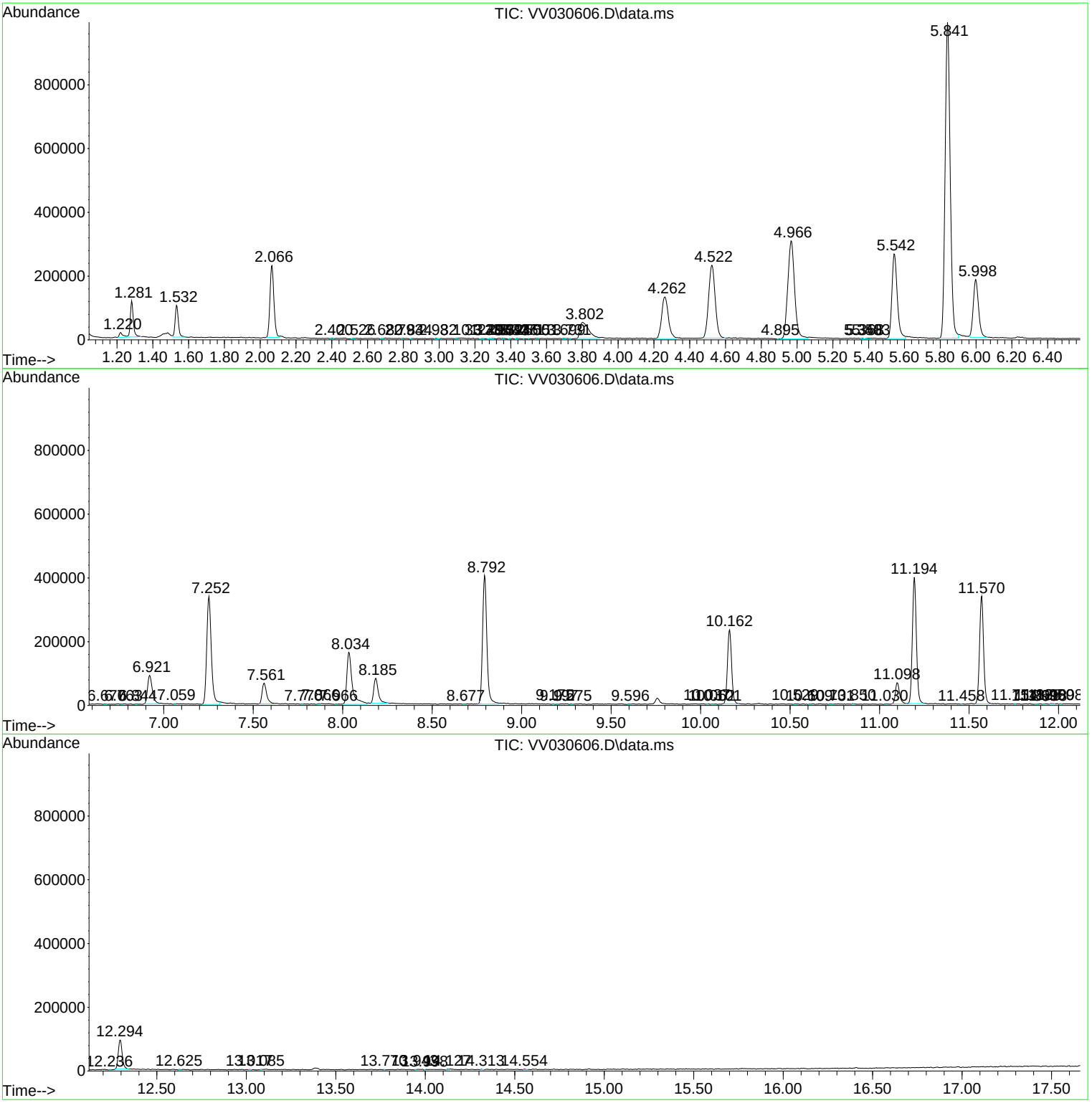
Instrument :
MSVOA_V
ClientSampleId :
C0AP9

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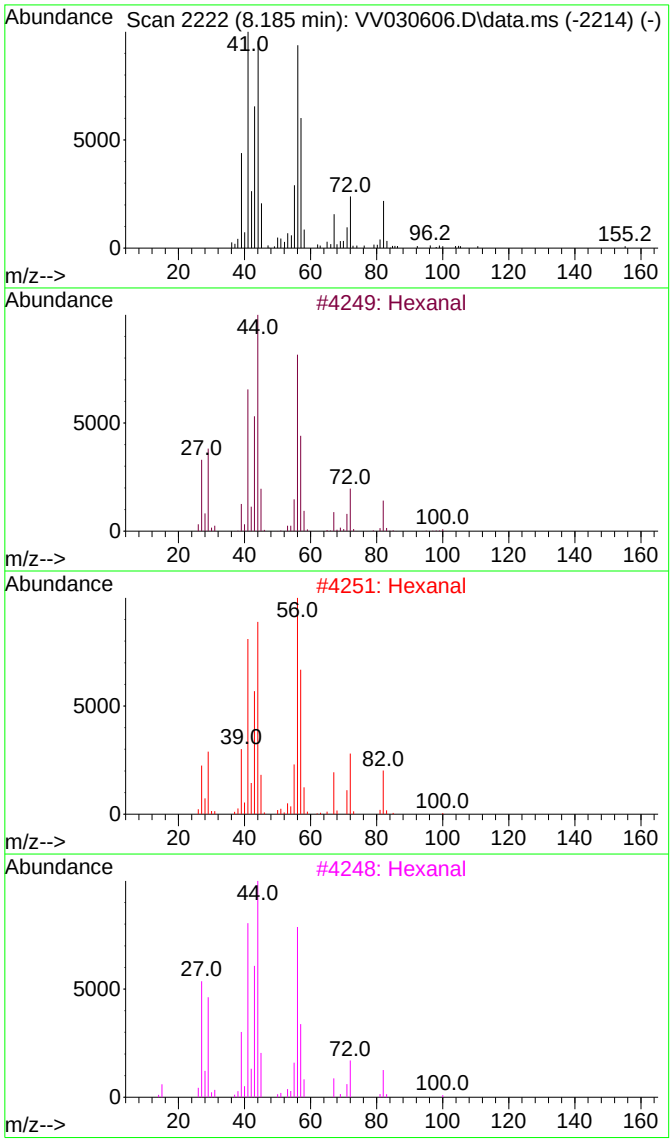
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

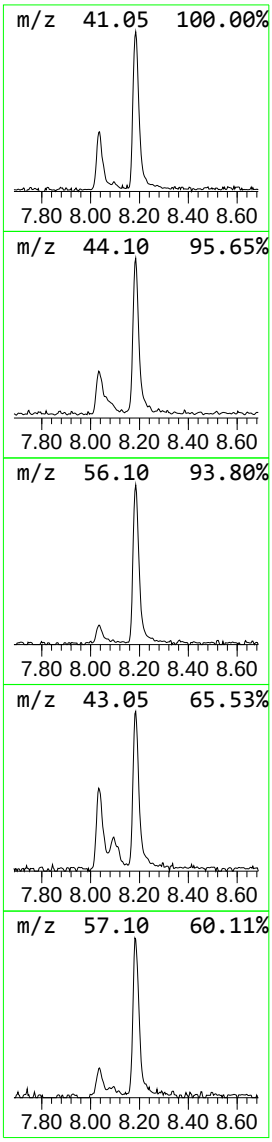
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	9.97 ug/L	135235	Chlorobenzene-d5	8.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	81
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	68
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	59





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Instrument :
MSVOA_V
ClientSampleId :
C0AP9

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

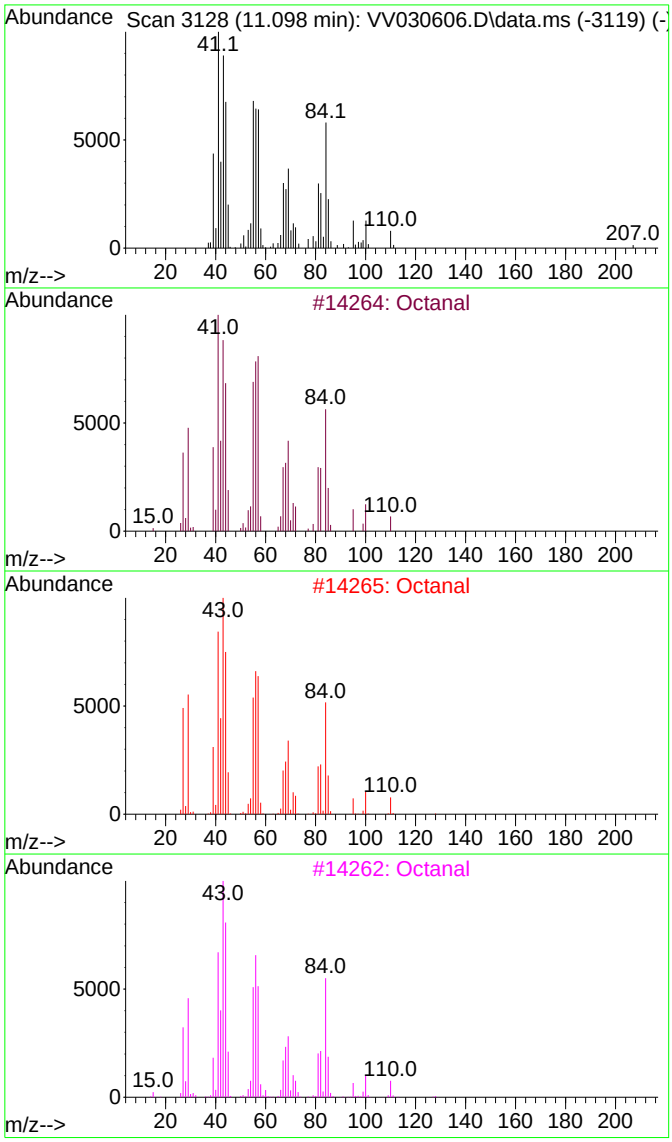
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

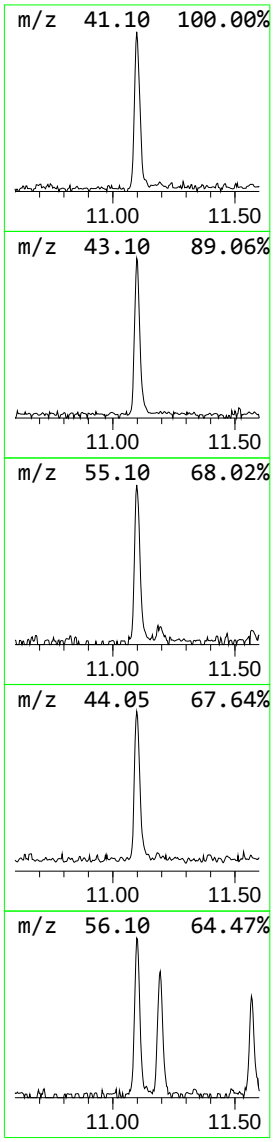
****

Peak Number 3 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	8.84 ug/L	109527	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	91
4	Octanal	128	C8H16O	000124-13-0	87
5	Octanal	128	C8H16O	000124-13-0	86





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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

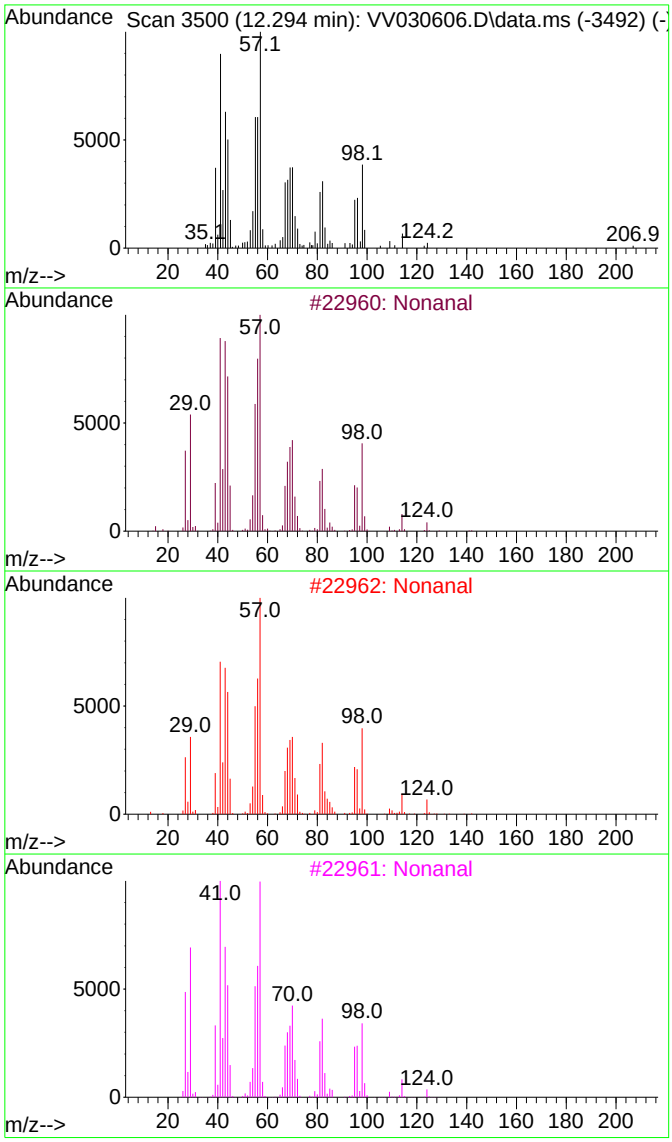
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

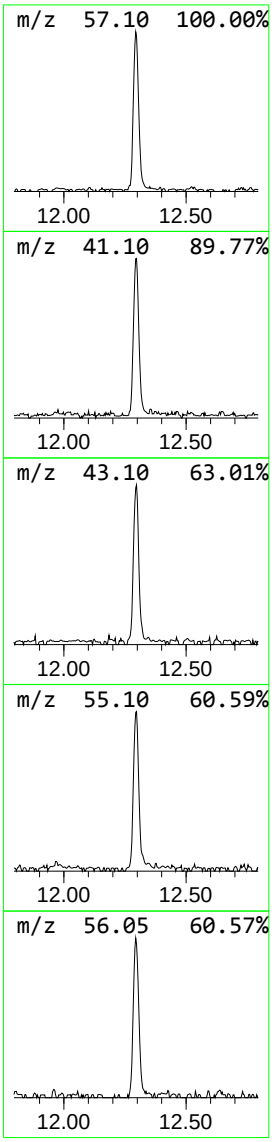
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	11.28 ug/L	139734	1,4-Dichlorobenzene-d4	11.194

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	87
4	Nonanal	142	C9H18O	000124-19-6	86
5	Cycloheptane	98	C7H14	000291-64-5	35





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.185	10.0	ug/L	135235	2	8.792	677980	50.0
Octanal	11.098	8.8	ug/L	109527	3	11.194	619162	50.0
Nonanal	12.294	11.3	ug/L	139734	3	11.194	619162	50.0