LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042623\
Data File : VV030889.D
Acq On : 26 Apr 2023 18:48
Operator : SY/MD
Sample : 02475-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

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: VV030889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	66	75	89	rBV	83566	106995	5.12%	1.311%
2	1.539	149	155	165	rVB	79586	89583	4.29%	1.098%
3	2.066	310	319	333	rVB	170648	252889	12.11%	3.099%
4	2.542	463	467	469	rBV3	1768	1379	0.07%	0.017%
5	2.777	536	540	542	rBV4	1010	715	0.03%	0.009%
6	2.892	572	576	578	rBV5	1648	1045	0.05%	0.013%
7	2.970	596	600	605	rBV7	1354	1219	0.06%	0.015%
8	2.999	608	609	613	rVB3	959	508	0.02%	0.006%
9	3.121	644	647	651	rBV5	1618	1467	0.07%	0.018%
10	3.294	698	701	704	rBV4	1391	895	0.04%	0.011%
11	3.500	763	765	768	rBV4	1585	983	0.05%	0.012%
12	3.648	809	811	815	rVB4	1200	642	0.03%	0.008%
13	3.677	815	820	822	rBV5	1334	936	0.04%	0.011%
14	3.809	851	861	885	rBV2	47143	159628	7.64%	1.956%
15	4.143	963	965	967	rBV3	1397	531	0.03%	0.007%
16	4.198	979	982	984	rBV4	968	607	0.03%	0.007%
17	4.259	988	1001	1020	rVV2	116469	300031	14.37%	3.677%
18	4.642	1119	1120	1123	rVB2	1450	544	0.03%	0.007%
19	4.667	1123	1128	1132	rVV6	1317	1135	0.05%	0.014%
20	4.712	1140	1142	1146	rVB5	1349	749	0.04%	0.009%
21	4.809	1168	1172	1174	rBV3	1149	829	0.04%	0.010%
22	4.847	1180	1184	1188	rBV6	1273	1069	0.05%	0.013%
23	4.876	1191	1193	1195	rBV3	932	526	0.03%	0.006%
24	4.966	1203	1221	1249	rBV2	264772	722657	34.60%	8.855%
25	5.220	1298	1300	1301	rBV2	1380	581	0.03%	0.007%
26	5.394	1350	1354	1359	rBV5	1725	1598	0.08%	0.020%
27	5.433	1359	1366	1367	rBV7	1560	1642	0.08%	0.020%
28	5.542	1387	1400	1425	rBV	230346	486288	23.28%	5.959%
29	5.841	1478	1493	1517	rBV	1056881	2088583	100.00%	25.594%
30	5.998	1532	1542	1564	rVB2	161396	335804	16.08%	4.115%
31	6.333	1642	1646	1647	rBV3	1031	650	0.03%	0.008%
32	6.838	1801	1803	1807	rVB4	907	603	0.03%	0.007%
33	6.867	1810	1812	1815	rVB3	1173	620	0.03%	0.008%
34	6.883	1815	1817	1819	rBV3	1132	637	0.03%	0.008%
35	6.921	1819	1829	1851	rVV	84112	160857	7.70%	1.971%
36	7.159	1900	1903	1907	rBV5	1776	1507	0.07%	0.018%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

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	7.252	1918	1932	1954	rBV	304831	549391	26.30%	6.732%
38	7.561	2019	2028	2043	rBV2	60455	112029	5.36%	1.373%
39	7.748	2085	2086	2089	rBV3	1019	650	0.03%	0.008%
40	7.764	2089	2091	2097	rVB7	1069	836	0.04%	0.010%
41	7.992	2159	2162	2165	rBV5	994	818	0.04%	0.010%
42	8.034	2166	2175	2208	rVV	134380	296763	14.21%	3.637%
43	8.188	2216	2223	2241	rVB4	21923	41568	1.99%	0.509%
44	8.600	2348	2351	2356	rBV6	1043	659	0.03%	0.008%
45	8.793	2400	2411	2434	rBV	355009	599304	28.69%	7.344%
46	9.165	2522	2527	2531	rBV8	1889	1723	0.08%	0.021%
47	9.259	2553	2556	2560	rVB6	1124	797	0.04%	0.010%
48	9.307	2567	2571	2573	rBV5	889	655	0.03%	0.008%
49	9.397	2597	2599	2603	rBV5	875	732	0.04%	0.009%
50	9.471	2620	2622	2625	rBV4	923	733	0.04%	0.009%
51	9.837	2735	2736	2741	rVB4	1817	1259	0.06%	0.015%
52	9.863	2741	2744	2745	rBV3	1182	744	0.04%	0.009%
53	9.966	2774	2776	2777	rBV	1150	512	0.02%	0.006%
54	10.063	2802	2806	2807	rBV2	991	661	0.03%	0.008%
55	10.159	2826	2836	2855	rVB	222325	359619	17.22%	4.407%
56	10.333	2879	2890	2900	rBV2	9999	18311	0.88%	0.224%
57	10.500	2938	2942	2944	rVB4	1369	662	0.03%	0.008%
58	10.526	2947	2950	2952	rBV3	1060	732	0.04%	0.009%
59	10.661	2990	2992	2994	rBV2	1072	690	0.03%	0.008%
60	10.725	3011	3012	3017	rBV3	1044	698	0.03%	0.009%
61	10.747	3017	3019	3022	rVV4	1144	643	0.03%	0.008%
62	10.911	3069	3070	3074	rVB4	1524	519	0.02%	0.006%
63	10.934	3074	3077	3078	rBV4	1469	781	0.04%	0.010%
64	11.098	3118	3128	3145	rVV2	67548	111293	5.33%	1.364%
65	11.191	3146	3157	3179	rVV	383949	616030	29.50%	7.549%
66	11.413	3223	3226	3227	rBV3	1103	662	0.03%	0.008%
67	11.567	3262	3274	3293	rBV	344907	557691	26.70%	6.834%
68	11.696	3312	3314	3317	rBV4	1401	755	0.04%	0.009%
69	11.754	3329	3332	3336	rBV4	1234	994	0.05%	0.012%
70	11.873	3366	3369	3372	rVB5	1043	688	0.03%	0.008%
71	11.905	3377	3379	3383	rVB5	1094	702	0.03%	0.009%
72	12.107	3440	3442	3446	rVB4	1267	713	0.03%	0.009%
73	12.127	3446	3448	3452	rBV5	1052	807	0.04%	0.010%
74	12.156	3455	3457	3461	rVB4	1218	619	0.03%	0.008%
75	12.294	3490	3500	3513	rBV2	72378	115145	5.51%	1.411%
76	12.509	3562	3567	3568	rBV4	691	540	0.03%	0.007%

LSC Area Percent Report

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Sample : 02475-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

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

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Peak separation: 5

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

77	12.577	3586	3588	3591	rVB3	1006	514	0.02%	0.006%
78	12.677	3616	3619	3621	rBV4	1254	901	0.04%	0.011%
79	12.715	3629	3631	3635	rBV4	987	650	0.03%	0.008%
80	12.734	3635	3637	3639	rBV3	1004	516	0.02%	0.006%
81	12.908	3689	3691	3694	rBV4	1040	719	0.03%	0.009%
82	12.992	3716	3717	3719	rBV2	941	495	0.02%	0.006%
83	13.021	3723	3726	3729	rVB4	1102	621	0.03%	0.008%
84	13.040	3729	3732	3734	rBV2	911	633	0.03%	0.008%
85	13.201	3779	3782	3783	rBV2	1673	960	0.05%	0.012%
86	13.384	3832	3839	3849	rBV9	11391	17516	0.84%	0.215%
87	13.686	3931	3933	3935	rVB3	1164	518	0.02%	0.006%
88	13.754	3947	3954	3956	rBV5	1594	1644	0.08%	0.020%
89	13.873	3987	3991	3993	rBV5	1150	881	0.04%	0.011%
90	13.940	4008	4012	4013	rBV3	1175	827	0.04%	0.010%
91	14.078	4052	4055	4056	rBV4	1454	806	0.04%	0.010%
92	14.123	4066	4069	4070	rBV3	1764	777	0.04%	0.010%
93	14.259	4106	4111	4112	rBV3	1303	819	0.04%	0.010%
94	14.529	4193	4195	4198	rBV3	1034	613	0.03%	0.008%
95	14.583	4210	4212	4215	rVB5	1232	676	0.03%	0.008%
96	14.603	4215	4218	4220	rBV4	1427	820	0.04%	0.010%
97	14.699	4246	4248	4251	rVB4	1327	559	0.03%	0.007%
98	14.860	4296	4298	4301	rVB4	1748	798	0.04%	0.010%
99	14.882	4303	4305	4306	rBV2	1421	666	0.03%	0.008%
100	15.085	4366	4368	4370	rBV3	1571	565	0.03%	0.007%

Sum of corrected areas: 8160554

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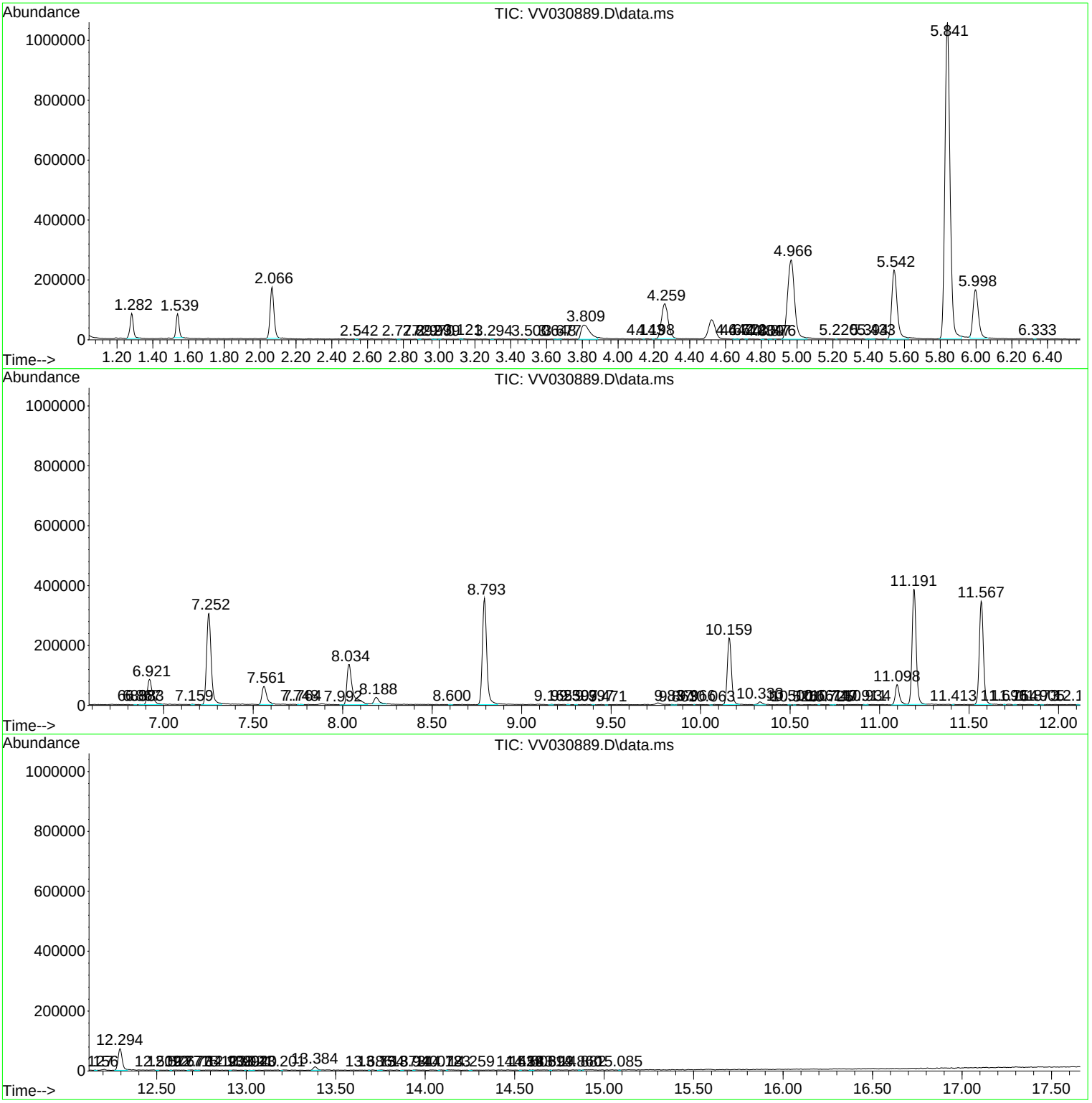
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042623\
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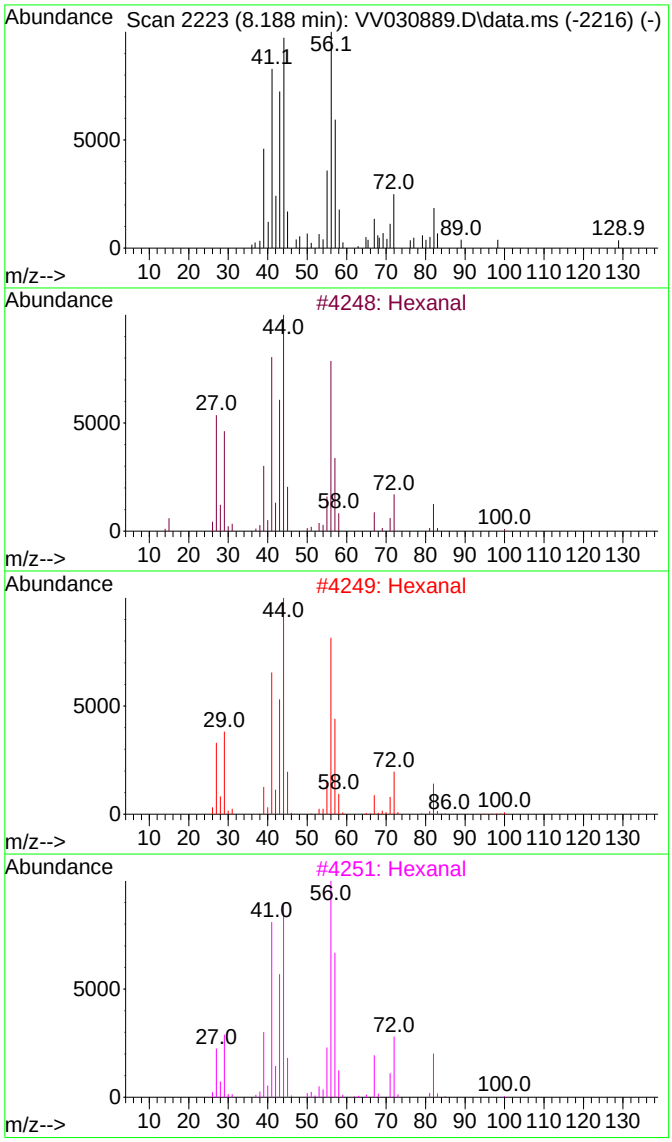
Quant Title : VOC Analysis

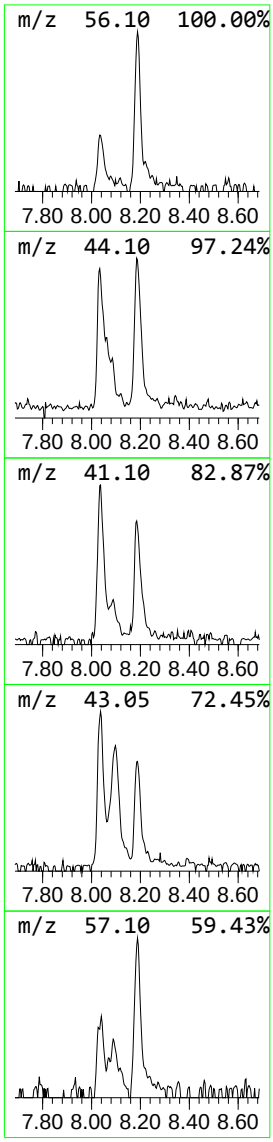
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.188	3.47 ug/L	41568	Chlorobenzene-d5	8.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	53
2	Hexanal	100	C6H12O	000066-25-1	53
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	50
5	Hexanal	100	C6H12O	000066-25-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042623\
Data File : VV030889.D
Acq On : 26 Apr 2023 18:48
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

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

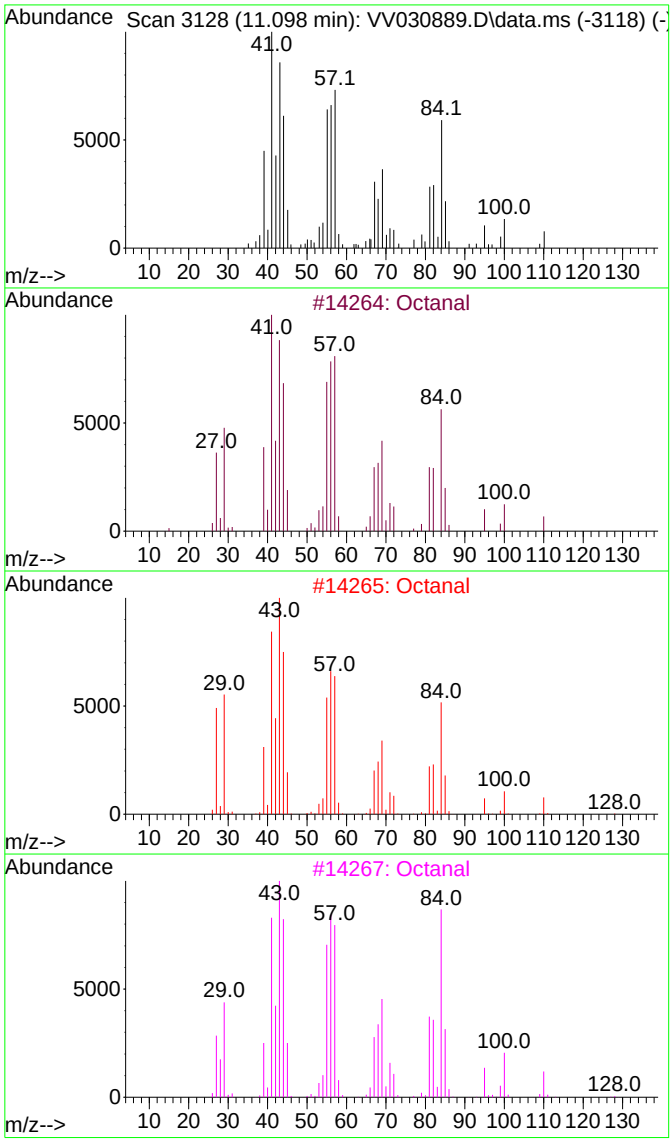
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

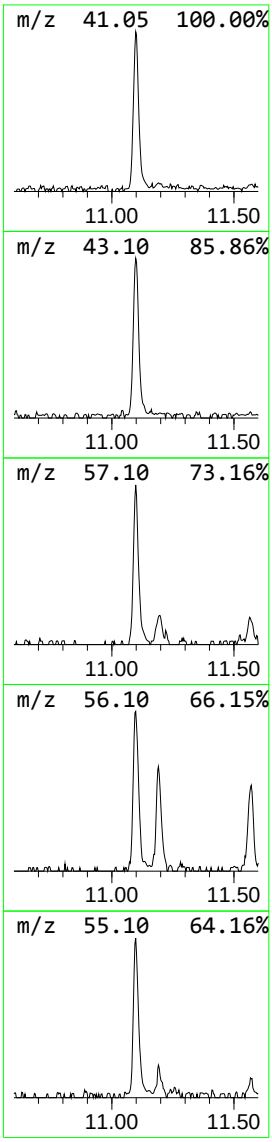
****

Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	9.03 ug/L	111293	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	86
3	Octanal	128	C8H16O	000124-13-0	83
4	Octanal	128	C8H16O	000124-13-0	80
5	10-Azido-1-decanethiol	215	C10H21N3S	1152113-44-4	35





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

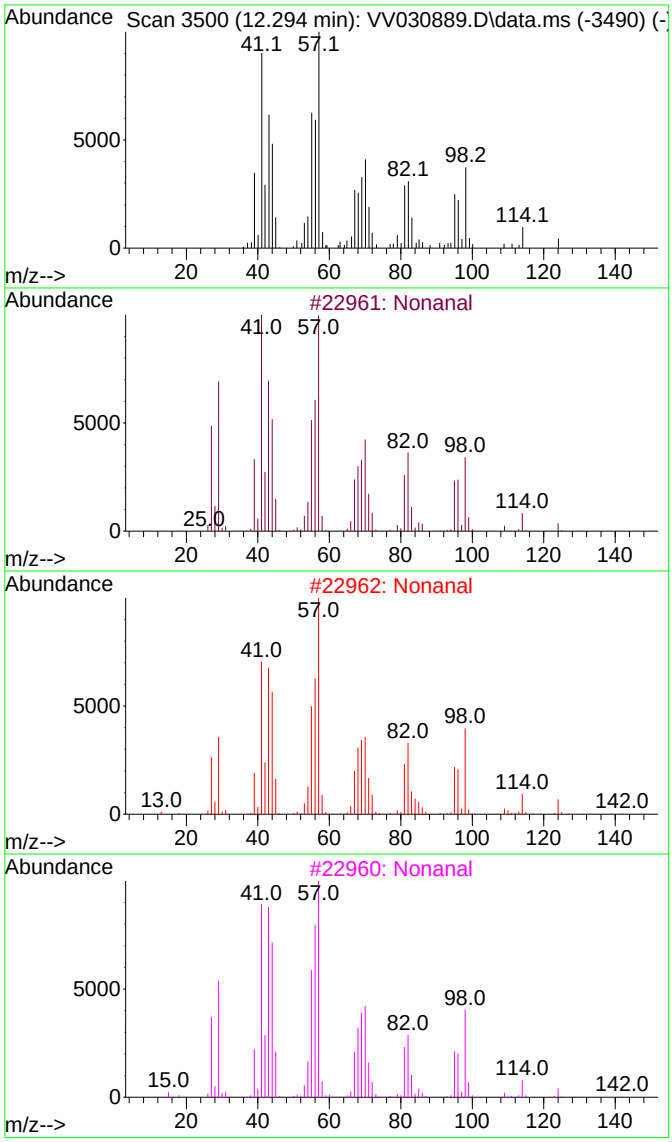
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

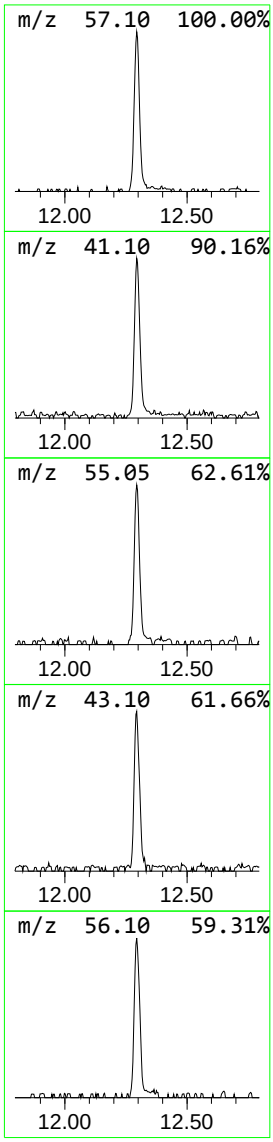
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	9.35 ug/L	115145	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	86
3	Nonanal	142	C9H18O	000124-19-6	72
4	Cycloheptane	98	C7H14	000291-64-5	38
5	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	27





Tentatively Identified Compound (LSC) summary

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ALS Vial : 17 Sample Multiplier: 1

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.188	3.5	ug/L	41568	2	8.793	599304	50.0
Octanal	11.098	9.0	ug/L	111293	3	11.194	616030	50.0
Nonanal	12.294	9.3	ug/L	115145	3	11.194	616030	50.0