LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031114.D
Acq On : 12 Apr 2019 09:01
Operator : JC/SP
Sample : K2341-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 106 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB737

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.180	22	28	38	rVB	33802	33350	0.09%	0.046%
2	1.395	88	95	103	rBV	244220	261077	0.70%	0.358%
3	1.469	114	118	130	rVB	14855	17090	0.05%	0.023%
4	1.675	175	182	198	rVB	190455	247985	0.66%	0.340%
5	2.267	356	366	376	rBV2	400828	609125	1.63%	0.834%
6	2.437	408	419	438	rBV	105279	194538	0.52%	0.266%
7	2.556	454	456	461	rVB2	1377	873	0.00%	0.001%
8	2.691	494	498	501	rBV4	2423	1871	0.00%	0.003%
9	2.826	529	540	558	rBV2	8544	19846	0.05%	0.027%
10	2.977	576	587	607	rVV2	70480	133600	0.36%	0.183%
11	3.051	607	610	615	rVV5	887	726	0.00%	0.001%
12	3.148	637	640	641	rBV	1002	530	0.00%	0.001%
13	3.312	687	691	695	rBV5	923	626	0.00%	0.001%
14	3.389	710	715	717	rVV4	679	726	0.00%	0.001%
15	3.421	721	725	728	rBV	907	727	0.00%	0.001%
16	3.447	730	733	738	rVV2	857	625	0.00%	0.001%
17	3.514	747	754	758	rBV4	512	745	0.00%	0.001%
18	3.556	762	767	775	rBV4	1032	1189	0.00%	0.002%
19	3.685	801	807	809	rBV3	873	670	0.00%	0.001%
20	3.698	809	811	815	rVV3	864	710	0.00%	0.001%
21	3.765	830	832	835	rVV2	751	595	0.00%	0.001%
22	3.865	857	863	867	rVV4	555	674	0.00%	0.001%
23	4.218	945	973	1008	rBV	3403661	8808255	23.51%	12.064%
24	4.643	1089	1105	1131	rBV	308693	800392	2.14%	1.096%
25	5.019	1219	1222	1229	rVB3	1010	976	0.00%	0.001%
26	5.051	1229	1232	1237	rBV2	1073	664	0.00%	0.001%
27	5.167	1266	1268	1273	rVB3	977	687	0.00%	0.001%
28	5.228	1283	1287	1290	rBV2	621	594	0.00%	0.001%
29	5.254	1290	1295	1297	rBV3	674	656	0.00%	0.001%
30	5.334	1297	1320	1354	rBV2	631566	1909593	5.10%	2.615%
31	5.562	1389	1391	1396	rVB3	1158	792	0.00%	0.001%
32	5.595	1396	1401	1402	rBV3	1089	666	0.00%	0.001%
33	5.704	1431	1435	1438	rBV3	681	542	0.00%	0.001%
34	5.755	1446	1451	1454	rBV5	999	1031	0.00%	0.001%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 106 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB737

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

35	5.881	1477	1490	1512	rBV	643232	1286886	3.43%	1.763%
36	6.180	1567	1583	1615	rBV	5564537	10641240	28.40%	14.575%
37	6.324	1617	1628	1654	rVB	444807	915571	2.44%	1.254%
38	6.636	1723	1725	1729	rVB4	1320	798	0.00%	0.001%
39	6.685	1737	1740	1743	rBV4	738	569	0.00%	0.001%
40	6.762	1752	1764	1775	rVB3	10253	18720	0.05%	0.026%
41	6.881	1797	1801	1803	rVV4	673	570	0.00%	0.001%
42	7.054	1849	1855	1858	rBV4	878	1061	0.00%	0.001%
43	7.225	1895	1908	1929	rBV	220817	414844	1.11%	0.568%
44	7.392	1952	1960	1964	rBV8	2548	3495	0.01%	0.005%
45	7.511	1994	1997	2000	rBV2	1114	659	0.00%	0.001%
46	7.562	2000	2013	2026	rBV	781896	1375126	3.67%	1.883%
47	7.633	2027	2035	2057	rVB	177098	339413	0.91%	0.465%
48	7.845	2091	2101	2125	rBV2	153104	284403	0.76%	0.390%
49	8.061	2165	2168	2172	rBV5	1163	759	0.00%	0.001%
50	8.106	2177	2182	2184	rBV3	970	930	0.00%	0.001%
51	8.164	2196	2200	2203	rBV4	1404	1424	0.00%	0.002%
52	8.225	2203	2219	2237	rVV	22479934	37467252	100.00%	51.316%
53	8.305	2238	2244	2284	rVV	698042	1613466	4.31%	2.210%
54	8.466	2286	2294	2320	rVB4	57831	119615	0.32%	0.164%
55	8.768	2385	2388	2392	rBV4	1146	982	0.00%	0.001%
56	8.791	2392	2395	2397	rVV3	1107	702	0.00%	0.001%
57	8.820	2401	2404	2406	rBV3	1326	710	0.00%	0.001%
58	8.868	2417	2419	2423	rBV3	1136	815	0.00%	0.001%
59	9.019	2462	2466	2472	rBV6	1230	1093	0.00%	0.001%
60	9.086	2474	2487	2527	rBV	941691	1643559	4.39%	2.251%
61	9.254	2536	2539	2541	rBV3	1105	890	0.00%	0.001%
62	9.292	2549	2551	2556	rVB4	1236	906	0.00%	0.001%
63	9.331	2561	2563	2567	rVB3	1317	789	0.00%	0.001%
64	9.353	2567	2570	2574	rBV2	1132	1132	0.00%	0.002%
65	9.443	2595	2598	2602	rVB2	949	604	0.00%	0.001%
66	9.472	2602	2607	2611	rBV5	887	757	0.00%	0.001%
67	9.598	2642	2646	2649	rBV2	830	704	0.00%	0.001%
68	9.639	2657	2659	2666	rVB5	1119	1053	0.00%	0.001%
69	9.675	2666	2670	2671	rBV2	868	615	0.00%	0.001%
70	9.746	2687	2692	2699	rBV4	984	1304	0.00%	0.002%
71	9.781	2699	2703	2705	rBV3	1014	672	0.00%	0.001%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 106 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB737

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	9.807	2705	2711	2717	rBV4	3042	4159	0.01%	0.006%
73	9.955	2749	2757	2762	rBV5	1763	2660	0.01%	0.004%
74	10.000	2766	2771	2774	rBV5	981	851	0.00%	0.001%
75	10.035	2775	2782	2795	rBV10	8719	17190	0.05%	0.024%
76	10.221	2838	2840	2844	rVB	933	541	0.00%	0.001%
77	10.427	2891	2904	2924	rBV	622235	1022909	2.73%	1.401%
78	10.897	3048	3050	3053	rBV2	871	526	0.00%	0.001%
79	10.961	3065	3070	3076	rVV7	845	889	0.00%	0.001%
80	11.000	3079	3082	3085	rBV2	743	568	0.00%	0.001%
81	11.067	3100	3103	3111	rBV5	844	1160	0.00%	0.002%
82	11.209	3143	3147	3151	rBV2	910	704	0.00%	0.001%
83	11.373	3191	3198	3213	rBV8	15572	32205	0.09%	0.044%
84	11.479	3219	3231	3255	rBV	868510	1429367	3.81%	1.958%
85	11.774	3320	3323	3326	rBV5	1621	1187	0.00%	0.002%
86	11.855	3336	3348	3375	rBV	768658	1286446	3.43%	1.762%
87	12.315	3489	3491	3497	rVB4	1134	995	0.00%	0.001%
88	12.356	3502	3504	3508	rVB2	1001	546	0.00%	0.001%
89	12.459	3533	3536	3539	rBV3	1157	938	0.00%	0.001%
90	12.514	3550	3553	3556	rBV4	877	769	0.00%	0.001%
91	12.575	3568	3572	3574	rBV4	4942	3897	0.01%	0.005%
92	13.154	3749	3752	3755	rBV4	932	670	0.00%	0.001%
93	13.395	3825	3827	3831	rVB3	1595	1047	0.00%	0.001%
94	13.417	3831	3834	3836	rBV2	987	687	0.00%	0.001%
95	13.569	3877	3881	3886	rBV4	1047	1210	0.00%	0.002%
96	13.594	3886	3889	3892	rVV	962	586	0.00%	0.001%
97	13.819	3956	3959	3961	rBV	1029	562	0.00%	0.001%
98	13.987	4009	4011	4015	rVV3	1094	588	0.00%	0.001%
99	14.327	4114	4117	4119	rBV2	1051	639	0.00%	0.001%
100	15.588	4506	4509	4512	rBV3	1438	1006	0.00%	0.001%

Sum of corrected areas: 73012336

LSC Report - Integrated Chromatogram

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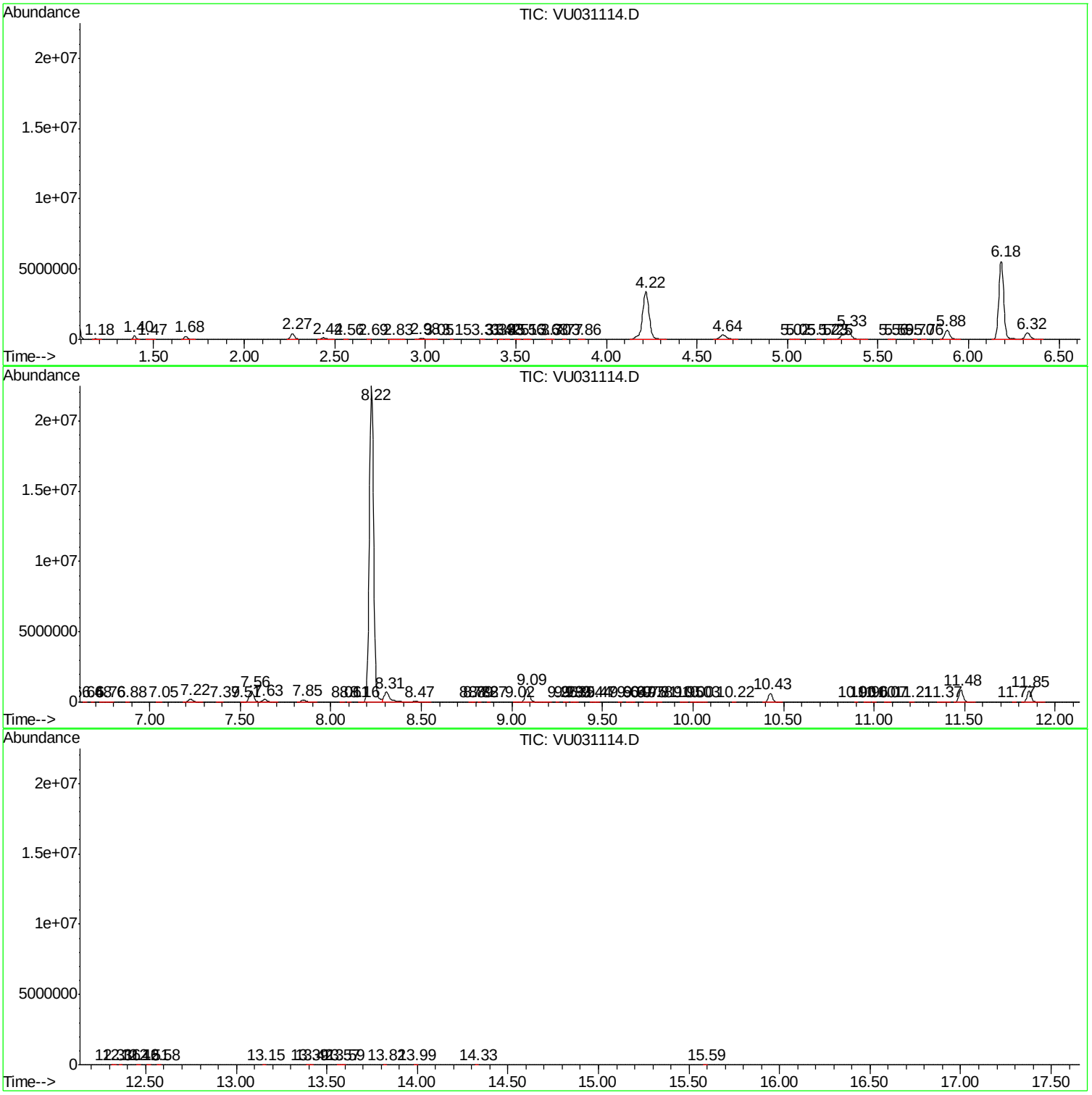
ALS Vial : 106 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB737

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

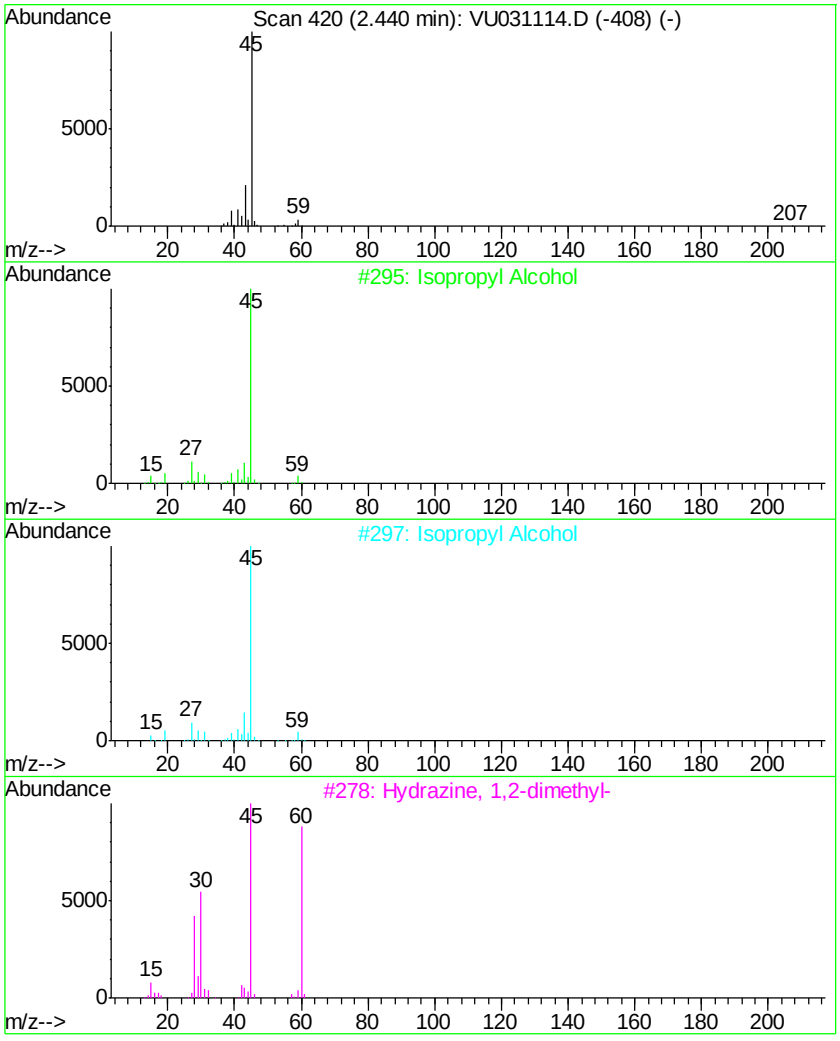
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

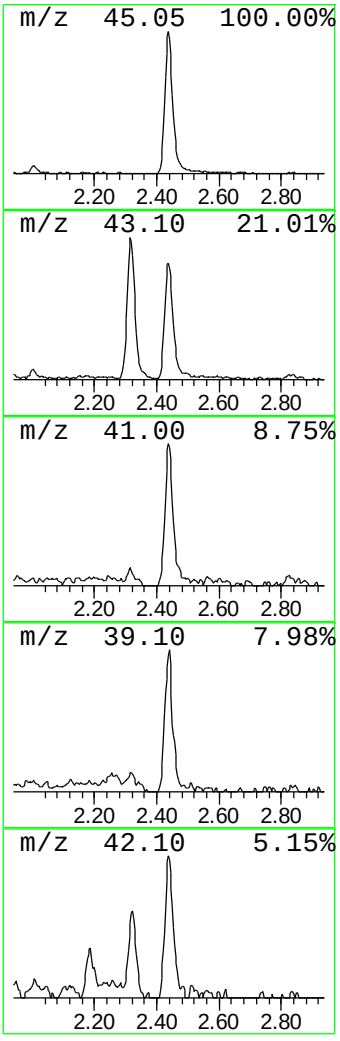
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	7.56 ug/L	194538	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	7
5	Formamide	45	CH3NO	000075-12-7	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031114.D
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ALS Vial : 106 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB737

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

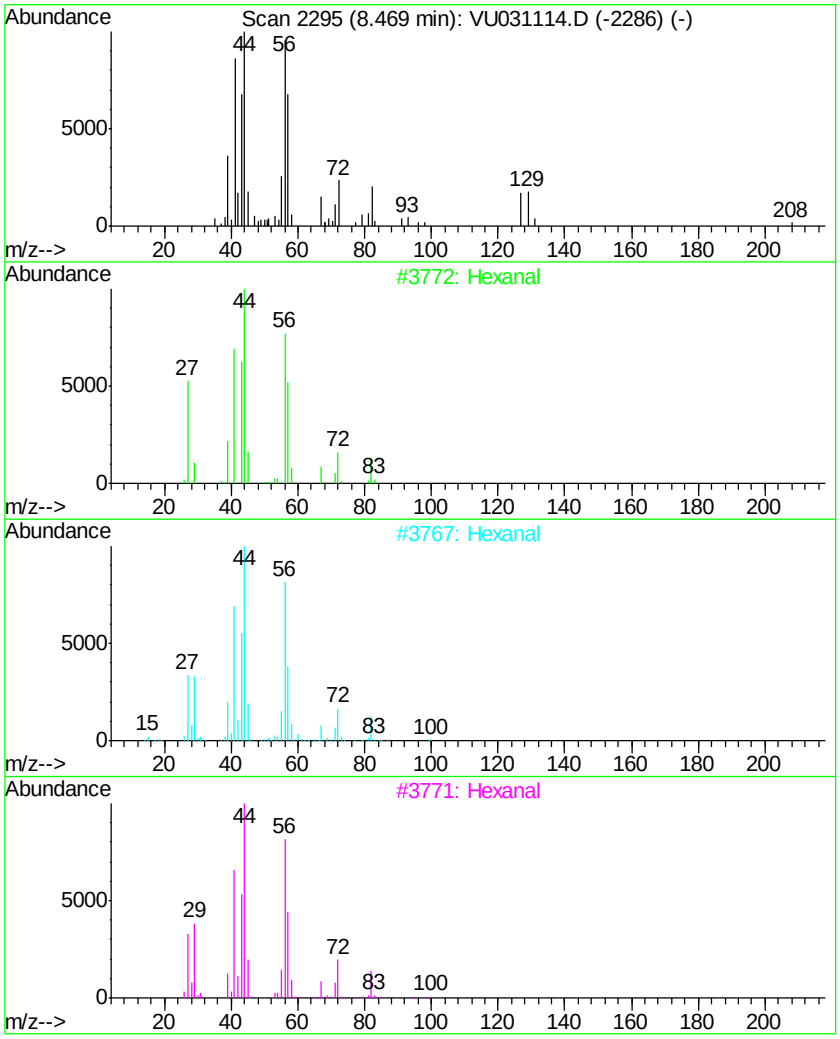
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

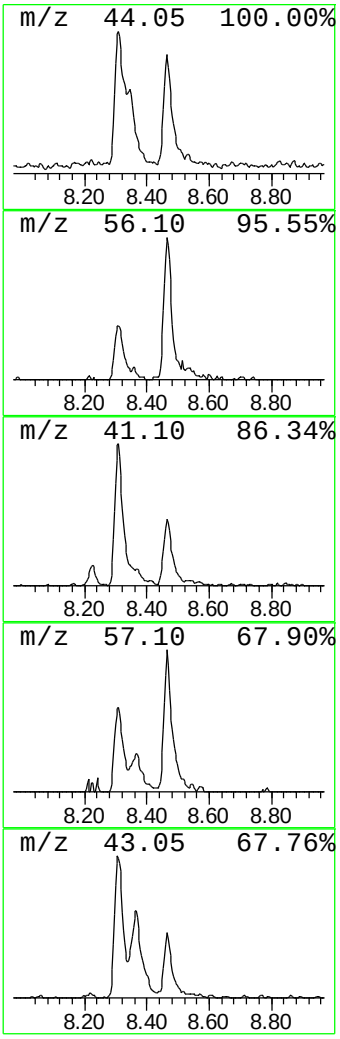
****

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	3.64 ug/L	119615	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	80
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	56
4	Hexanal	100	C6H12O	000066-25-1	56
5	Adenine-9-propanoic acid, .alpha...	322	C13H18N6O4	055387-36-5	36





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.44	7.6	ug/L	194538	1	5.88	1286890	50.0
Hexanal	8.47	3.6	ug/L	119615	2	9.09	1643560	50.0