LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU030220\
Data File : VU036996.D
Acq On : 02 Mar 2020 14:10
Operator : JC/MD
Sample : L1732-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EG8

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\SOMULM022420WMA.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	1.613	78	85	96	rBV	137025	145363	8.67%	1.410%
2	1.929	175	183	195	rVB	120316	153230	9.14%	1.487%
3	2.591	376	389	401	rBV	202950	329670	19.67%	3.198%
4	2.655	403	409	423	rVB	10853	17527	1.05%	0.170%
5	2.790	439	451	469	rBV	20696	37558	2.24%	0.364%
6	2.961	502	504	509	rVB2	436	307	0.02%	0.003%
7	3.028	522	525	529	rVV2	240	227	0.01%	0.002%
8	3.080	537	541	547	rVB3	551	572	0.03%	0.006%
9	3.221	568	585	607	rBV	57403	130288	7.77%	1.264%
10	3.404	636	642	645	rBV	392	517	0.03%	0.005%
11	3.864	779	785	789	rBV2	238	287	0.02%	0.003%
12	3.932	801	806	810	rBV2	208	236	0.01%	0.002%
13	4.063	841	847	849	rBV	200	272	0.02%	0.003%
14	4.125	863	866	872	rVV2	197	254	0.02%	0.002%
15	4.199	885	889	895	rVB2	225	305	0.02%	0.003%
16	4.234	895	900	903	rBV2	241	261	0.02%	0.003%
17	4.324	925	928	933	rVB2	228	205	0.01%	0.002%
18	4.372	938	943	945	rBV2	265	214	0.01%	0.002%
19	4.401	949	952	959	rVB2	291	375	0.02%	0.004%
20	4.584	1005	1009	1012	rBV	228	218	0.01%	0.002%
21	4.671	1012	1036	1059	rBV2	141014	347153	20.71%	3.368%
22	5.012	1138	1142	1145	rVB	427	313	0.02%	0.003%
23	5.102	1154	1170	1190	rBV	189671	413262	24.66%	4.009%
24	5.189	1194	1197	1202	rVB3	433	294	0.02%	0.003%
25	5.317	1234	1237	1239	rBV2	672	481	0.03%	0.005%
26	5.517	1294	1299	1307	rVB2	303	410	0.02%	0.004%
27	5.761	1350	1375	1404	rBV2	414687	1093137	65.22%	10.606%
28	5.903	1415	1419	1421	rBV2	363	284	0.02%	0.003%
29	5.938	1426	1430	1434	rVB3	508	401	0.02%	0.004%
30	5.996	1445	1448	1454	rBV3	291	321	0.02%	0.003%
31	6.189	1502	1508	1510	rBV2	514	495	0.03%	0.005%
32	6.282	1522	1537	1557	rBV	351968	657435	39.22%	6.378%
33	6.559	1612	1623	1632	rBV6	3897	7254	0.43%	0.070%
34	6.626	1640	1644	1648	rBV3	458	462	0.03%	0.004%

LSC Area Percent Report

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Operator : JC/MD
Sample : L1732-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EG8

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\SOMULM022420WMA.M
Title : VOC Analysis

35	6.723	1660	1674	1697	rBV	259331	502369	29.97%	4.874%
36	6.835	1704	1709	1711	rBV2	490	444	0.03%	0.004%
37	6.989	1751	1757	1761	rBV	271	311	0.02%	0.003%
38	7.060	1775	1779	1782	rBV2	217	235	0.01%	0.002%
39	7.086	1782	1787	1793	rVV	264	423	0.03%	0.004%
40	7.157	1805	1809	1811	rBV	331	277	0.02%	0.003%
41	7.208	1816	1825	1828	rBV4	1034	1214	0.07%	0.012%
42	7.459	1898	1903	1906	rBV2	301	345	0.02%	0.003%
43	7.594	1932	1945	1963	rBV	140746	246782	14.72%	2.394%
44	7.809	2009	2012	2013	rBV	315	212	0.01%	0.002%
45	7.922	2033	2047	2066	rBV	503942	870475	51.93%	8.445%
46	8.205	2123	2135	2152	rBV	98858	167335	9.98%	1.623%
47	8.497	2213	2226	2233	rBV3	1427	2691	0.16%	0.026%
48	8.575	2248	2250	2256	rVB4	626	544	0.03%	0.005%
49	8.658	2262	2276	2322	rVV	348977	642069	38.31%	6.229%
50	8.835	2328	2331	2337	rVB2	282	300	0.02%	0.003%
51	9.076	2402	2406	2410	rVV2	195	225	0.01%	0.002%
52	9.144	2421	2427	2432	rVB2	233	352	0.02%	0.003%
53	9.173	2432	2436	2438	rBV	271	247	0.01%	0.002%
54	9.266	2460	2465	2472	rVB2	261	376	0.02%	0.004%
55	9.346	2485	2490	2493	rVB	411	323	0.02%	0.003%
56	9.436	2505	2518	2555	rBV	498641	902483	53.84%	8.756%
57	9.591	2562	2566	2569	rVB2	418	365	0.02%	0.004%
58	9.623	2569	2576	2578	rBV2	211	255	0.02%	0.002%
59	9.774	2620	2623	2627	rBV2	501	523	0.03%	0.005%
60	9.886	2655	2658	2664	rBV2	238	344	0.02%	0.003%
61	10.237	2761	2767	2769	rBV2	260	254	0.02%	0.002%
62	10.365	2803	2807	2811	rBV	263	267	0.02%	0.003%
63	10.571	2865	2871	2874	rBV2	207	248	0.01%	0.002%
64	10.597	2876	2879	2883	rVB2	480	312	0.02%	0.003%
65	10.774	2921	2934	2951	rBB	345577	559072	33.36%	5.424%
66	10.870	2958	2964	2969	rBV2	247	319	0.02%	0.003%
67	10.909	2969	2976	2983	rBV5	844	1240	0.07%	0.012%
68	11.079	3023	3029	3032	rBV2	248	245	0.01%	0.002%
69	11.108	3032	3038	3044	rBV3	294	512	0.03%	0.005%
70	11.195	3063	3065	3069	rVB	319	215	0.01%	0.002%
71	11.224	3069	3074	3078	rBV2	263	271	0.02%	0.003%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EG8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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\SOMULM022420WMA.M
Title : VOC Analysis

72	11.584	3181	3186	3191	rBV	277	356	0.02%	0.003%
73	11.709	3223	3225	3231	rVV	329	340	0.02%	0.003%
74	11.758	3231	3240	3249	rVV4	14639	23187	1.38%	0.225%
75	11.828	3249	3262	3281	rVB2	436061	806802	48.14%	7.828%
76	11.915	3286	3289	3292	rBV2	265	245	0.01%	0.002%
77	12.073	3335	3338	3340	rBV2	551	390	0.02%	0.004%
78	12.221	3367	3384	3405	rVB3	709821	1676102	100.00%	16.262%
79	12.433	3447	3450	3456	rBV2	279	335	0.02%	0.003%
80	12.719	3536	3539	3542	rBV2	407	324	0.02%	0.003%
81	12.793	3556	3562	3564	rBV3	353	337	0.02%	0.003%
82	12.812	3564	3568	3572	rVB4	567	456	0.03%	0.004%
83	12.918	3597	3601	3602	rBV2	295	209	0.01%	0.002%
84	12.944	3607	3609	3613	rVB2	273	206	0.01%	0.002%
85	13.041	3635	3639	3643	rBV2	468	442	0.03%	0.004%
86	13.066	3643	3647	3650	rBV2	421	388	0.02%	0.004%
87	13.089	3651	3654	3659	rVB2	324	338	0.02%	0.003%
88	13.150	3668	3673	3677	rVB2	501	495	0.03%	0.005%
89	13.234	3685	3699	3714	rBV2	27399	47771	2.85%	0.463%
90	13.349	3729	3735	3741	rVB5	1512	2067	0.12%	0.020%
91	13.574	3802	3805	3809	rVB2	407	269	0.02%	0.003%
92	13.819	3877	3881	3884	rBV	327	269	0.02%	0.003%
93	13.867	3885	3896	3912	rVB	159969	250407	14.94%	2.429%
94	14.053	3950	3954	3959	rBV3	416	448	0.03%	0.004%
95	14.362	4038	4050	4067	rBV2	140956	224196	13.38%	2.175%
96	14.764	4165	4175	4187	rBV5	7144	12196	0.73%	0.118%
97	15.089	4271	4276	4278	rBV3	590	557	0.03%	0.005%
98	15.455	4383	4390	4399	rBV4	790	1391	0.08%	0.013%
99	16.047	4566	4574	4584	rVB4	8228	11816	0.70%	0.115%
100	16.198	4617	4621	4623	rBV4	831	743	0.04%	0.007%

Sum of corrected areas: 10307144

LSC Report - Integrated Chromatogram

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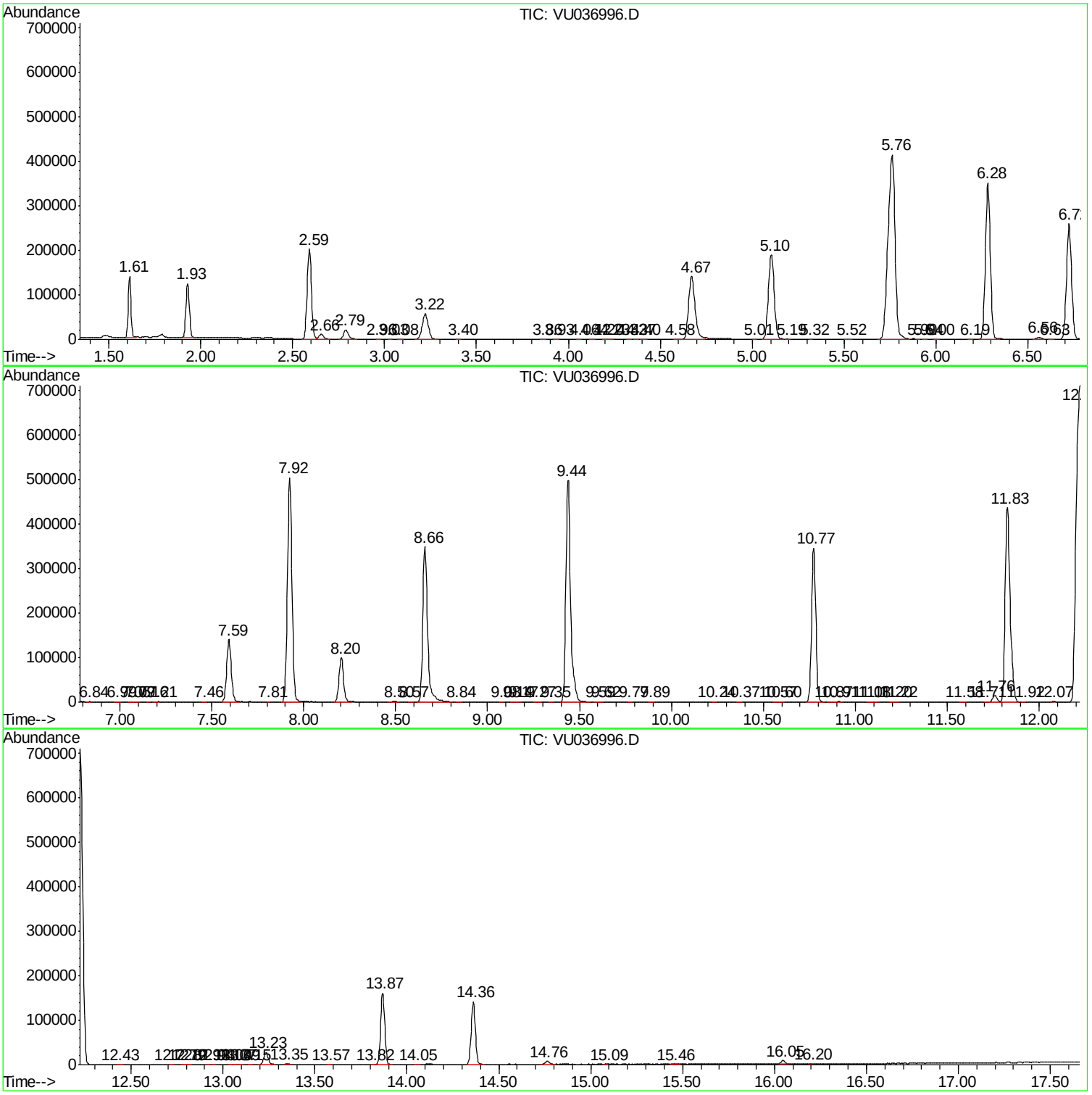
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU030220\
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Quant Title : VOC Analysis

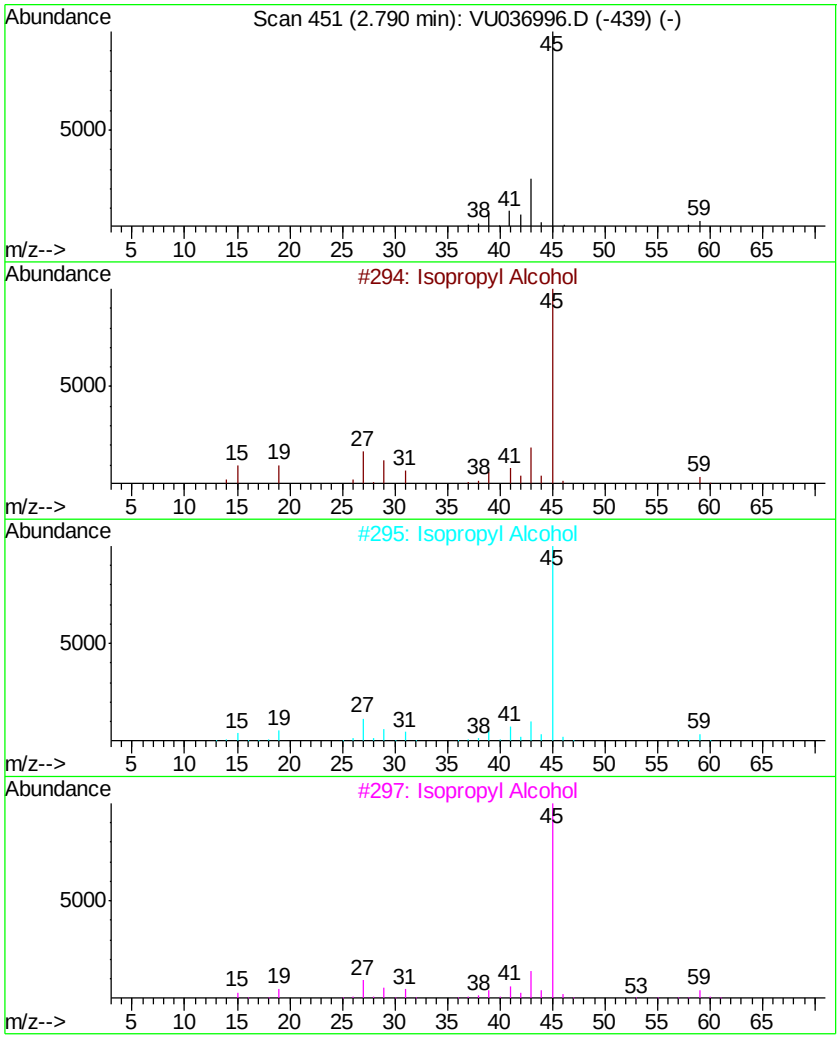
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

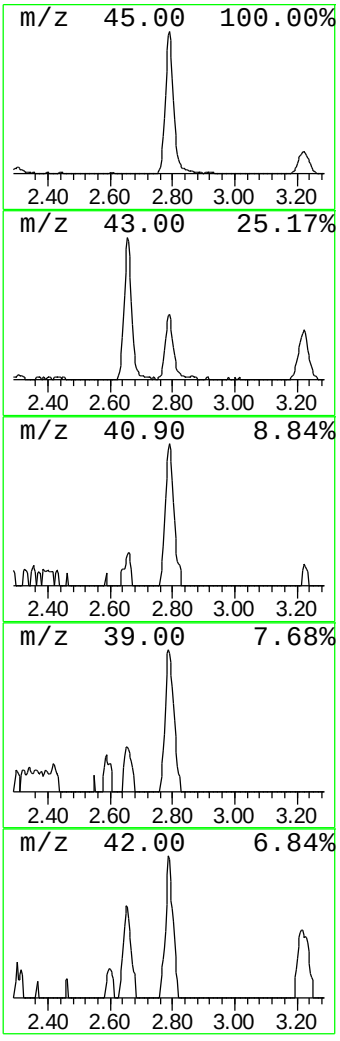
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.86 ug/L	37558	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Formamide	45	CH3NO	000075-12-7	4





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0EG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

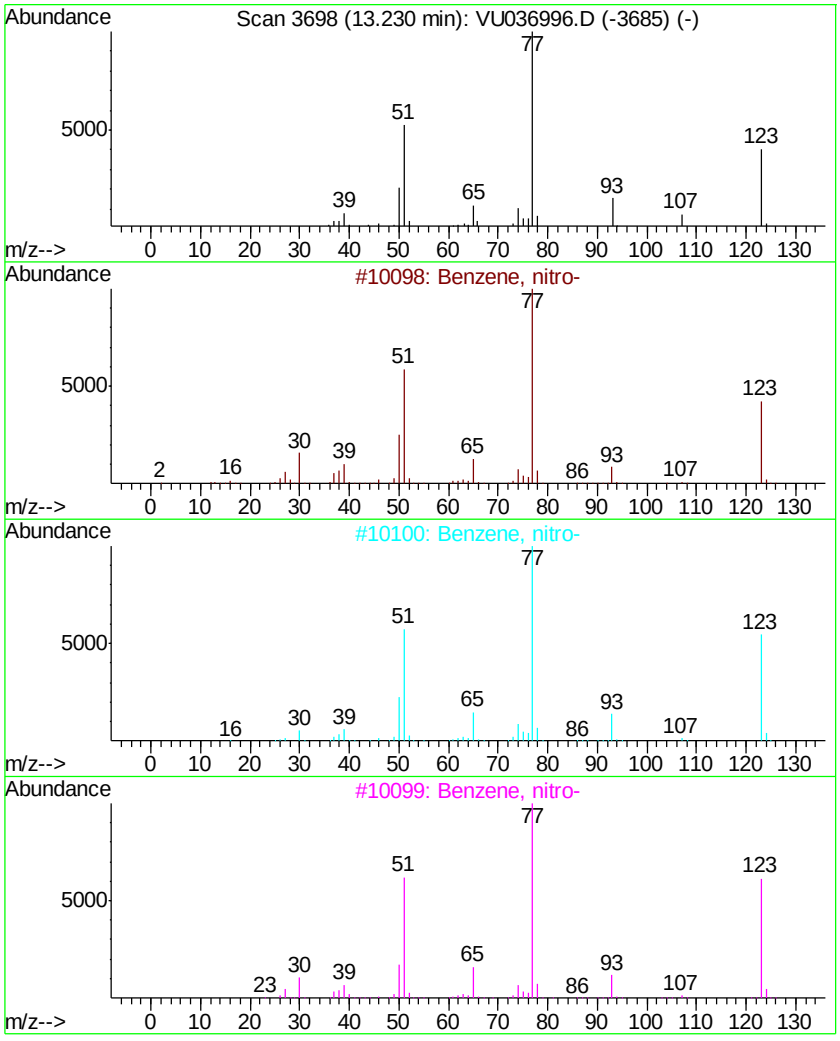
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

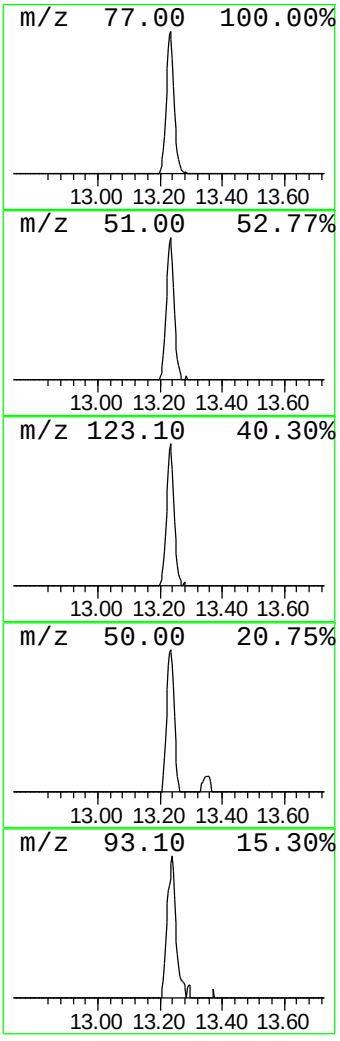
****

Peak Number 4 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.96 ug/L	47771	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, nitro-	123	C6H5NO2	000098-95-3	93
2	Benzene, nitro-	123	C6H5NO2	000098-95-3	90
3	Benzene, nitro-	123	C6H5NO2	000098-95-3	78
4	Benzene, nitro-	123	C6H5NO2	000098-95-3	72
5	Propanal, 2-(benzoyloxy)-, (R)-	178	C10H10O3	078871-04-2	40





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
unknown-01	2.79	2.9	ug/L	37558	1	6.28	657435	50.0
unknown-02	13.23	3.0	ug/L	47771	3	11.83	806802	50.0