LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
Data File : VU036955.D
Acq On : 27 Feb 2020 19:58
Operator : JC/MD
Sample : L1708-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CA0

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	1.617	78	86	97	rBV	112334	120264	13.00%	1.673%
2	1.932	176	184	195	rVB	103170	131007	14.16%	1.822%
3	2.594	378	390	404	rBV	169910	277551	30.00%	3.860%
4	2.790	441	451	469	rVB	17867	33168	3.58%	0.461%
5	2.999	513	516	523	rVB	294	277	0.03%	0.004%
6	3.073	532	539	541	rBV	282	294	0.03%	0.004%
7	3.157	561	565	567	rBV2	163	128	0.01%	0.002%
8	3.221	573	585	598	rBV	4825	10638	1.15%	0.148%
9	3.427	641	649	654	rBV	276	275	0.03%	0.004%
10	3.453	654	657	660	rBV2	238	175	0.02%	0.002%
11	3.565	689	692	695	rVB2	232	133	0.01%	0.002%
12	3.584	695	698	701	rBV2	240	192	0.02%	0.003%
13	3.691	728	731	734	rBV2	181	143	0.02%	0.002%
14	3.742	744	747	748	rBV	189	111	0.01%	0.002%
15	3.838	775	777	782	rVB	187	117	0.01%	0.002%
16	3.983	819	822	827	rBV2	213	180	0.02%	0.003%
17	4.009	827	830	834	rBV	228	137	0.01%	0.002%
18	4.035	834	838	841	rVV2	173	131	0.01%	0.002%
19	4.054	841	844	847	rVV	220	154	0.02%	0.002%
20	4.166	876	879	882	rBV2	226	190	0.02%	0.003%
21	4.366	939	941	947	rVB	184	117	0.01%	0.002%
22	4.494	977	981	983	rBV	245	226	0.02%	0.003%
23	4.520	987	989	992	rBV	192	112	0.01%	0.002%
24	4.671	1017	1036	1068	rBV	101764	242133	26.17%	3.368%
25	4.990	1132	1135	1139	rBV2	242	237	0.03%	0.003%
26	5.015	1140	1143	1149	rVB	131	154	0.02%	0.002%
27	5.105	1154	1171	1194	rBV	160899	348217	37.64%	4.843%
28	5.330	1235	1241	1248	rVB2	331	475	0.05%	0.007%
29	5.372	1252	1254	1260	rVB	181	129	0.01%	0.002%
30	5.411	1264	1266	1268	rBV	275	117	0.01%	0.002%
31	5.533	1300	1304	1306	rBV	192	124	0.01%	0.002%
32	5.600	1322	1325	1329	rVB2	163	117	0.01%	0.002%
33	5.649	1336	1340	1341	rBV2	174	118	0.01%	0.002%
34	5.761	1354	1375	1403	rBV2	353175	925238	100.00%	12.869%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CA0

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	6.109	1481	1483	1486	rBV	272	160	0.02%	0.002%
36	6.154	1494	1497	1502	rVB2	333	241	0.03%	0.003%
37	6.182	1502	1506	1510	rBV2	224	185	0.02%	0.003%
38	6.202	1510	1512	1516	rVB	240	137	0.01%	0.002%
39	6.231	1516	1521	1522	rBV	216	120	0.01%	0.002%
40	6.282	1522	1537	1560	rBV	332835	621964	67.22%	8.651%
41	6.565	1615	1625	1636	rBV7	3837	7118	0.77%	0.099%
42	6.723	1658	1674	1696	rBV	221239	430255	46.50%	5.984%
43	6.858	1714	1716	1720	rVB2	319	200	0.02%	0.003%
44	7.012	1760	1764	1767	rBV	207	187	0.02%	0.003%
45	7.089	1785	1788	1792	rVB	207	146	0.02%	0.002%
46	7.112	1792	1795	1798	rBV	225	151	0.02%	0.002%
47	7.166	1809	1812	1816	rBV2	152	162	0.02%	0.002%
48	7.356	1867	1871	1873	rVV	160	140	0.02%	0.002%
49	7.417	1888	1890	1893	rVB2	215	122	0.01%	0.002%
50	7.456	1899	1902	1905	rBV2	196	194	0.02%	0.003%
51	7.504	1915	1917	1920	rBV	178	114	0.01%	0.002%
52	7.594	1931	1945	1964	rBV	118239	206125	22.28%	2.867%
53	7.745	1988	1992	1994	rBV	598	403	0.04%	0.006%
54	7.790	2001	2006	2010	rBV2	225	211	0.02%	0.003%
55	7.925	2031	2048	2066	rBV	423404	727759	78.66%	10.122%
56	8.147	2113	2117	2118	rBV	203	127	0.01%	0.002%
57	8.205	2123	2135	2154	rBV	80032	135639	14.66%	1.887%
58	8.440	2204	2208	2213	rBV	93	110	0.01%	0.002%
59	8.494	2215	2225	2233	rBV3	2052	3579	0.39%	0.050%
60	8.575	2242	2250	2257	rVB5	2104	2784	0.30%	0.039%
61	8.613	2259	2262	2264	rBV	153	120	0.01%	0.002%
62	8.658	2264	2276	2319	rBV	267101	537501	58.09%	7.476%
63	8.854	2334	2337	2338	rBV	162	115	0.01%	0.002%
64	9.012	2384	2386	2388	rBV	183	127	0.01%	0.002%
65	9.105	2412	2415	2421	rBV	266	296	0.03%	0.004%
66	9.134	2421	2424	2430	rVB2	303	232	0.03%	0.003%
67	9.224	2446	2452	2455	rBV	126	156	0.02%	0.002%
68	9.288	2468	2472	2475	rBV	201	131	0.01%	0.002%
69	9.369	2493	2497	2499	rBV	156	129	0.01%	0.002%
70	9.440	2505	2519	2556	rVB	453564	763046	82.47%	10.613%
71	9.629	2575	2578	2581	rBV	214	170	0.02%	0.002%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CA0

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	9.684	2592	2595	2600	rVB2	198	170	0.02%	0.002%
73	9.713	2600	2604	2607	rBV2	383	267	0.03%	0.004%
74	9.784	2623	2626	2629	rBV	206	121	0.01%	0.002%
75	9.803	2629	2632	2635	rBV2	177	163	0.02%	0.002%
76	9.841	2640	2644	2649	rBV2	223	212	0.02%	0.003%
77	9.874	2649	2654	2659	rBV2	161	216	0.02%	0.003%
78	9.931	2670	2672	2676	rVV2	190	135	0.01%	0.002%
79	9.973	2682	2685	2692	rVV2	207	231	0.02%	0.003%
80	10.012	2694	2697	2702	rVB2	224	180	0.02%	0.003%
81	10.112	2725	2728	2731	rVB2	198	159	0.02%	0.002%
82	10.501	2845	2849	2850	rBV	200	122	0.01%	0.002%
83	10.774	2921	2934	2952	rBV	296567	475936	51.44%	6.620%
84	10.919	2969	2979	2986	rVB5	1229	2154	0.23%	0.030%
85	11.124	3040	3043	3046	rBV	287	246	0.03%	0.003%
86	11.227	3071	3075	3076	rBV	212	171	0.02%	0.002%
87	11.349	3110	3113	3116	rVB	199	166	0.02%	0.002%
88	11.481	3151	3154	3158	rBV2	218	180	0.02%	0.003%
89	11.607	3190	3193	3197	rVB	217	168	0.02%	0.002%
90	11.735	3228	3233	3238	rBV2	241	279	0.03%	0.004%
91	11.829	3250	3262	3280	rBV	357679	599851	64.83%	8.343%
92	11.935	3293	3295	3297	rBV2	215	128	0.01%	0.002%
93	11.976	3305	3308	3312	rVB	255	160	0.02%	0.002%
94	12.002	3312	3316	3319	rBV2	218	155	0.02%	0.002%
95	12.208	3368	3380	3398	rBV	349176	573395	61.97%	7.975%
96	12.320	3405	3415	3418	rBV2	300	539	0.06%	0.007%
97	12.729	3540	3542	3546	rBV2	315	207	0.02%	0.003%
98	12.989	3619	3623	3624	rBV	265	181	0.02%	0.003%
99	13.362	3736	3739	3744	rBV3	382	312	0.03%	0.004%
100	14.095	3964	3967	3969	rBV2	386	254	0.03%	0.004%

Sum of corrected areas: 7189593

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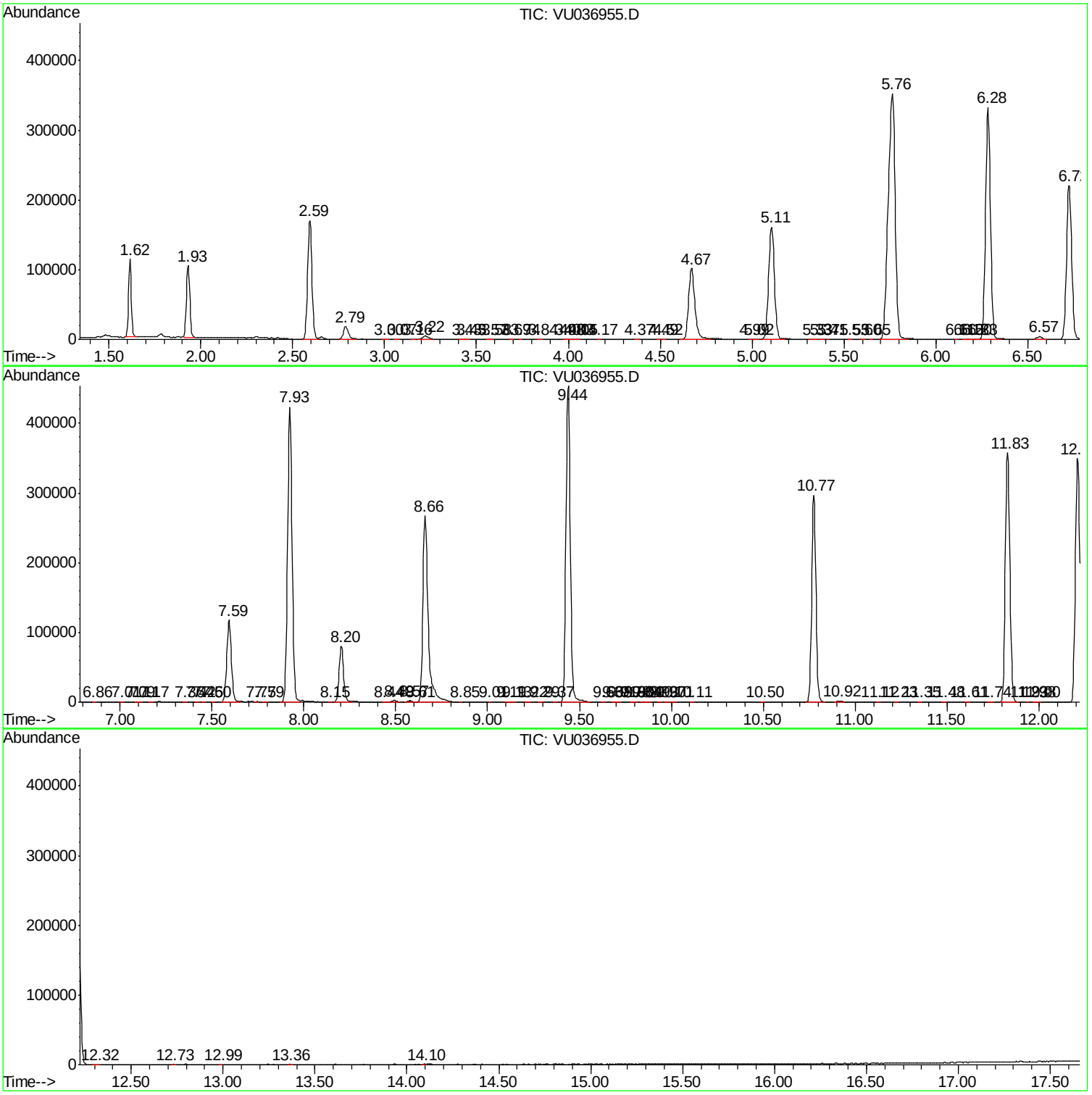
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
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Quant Title : VOC Analysis

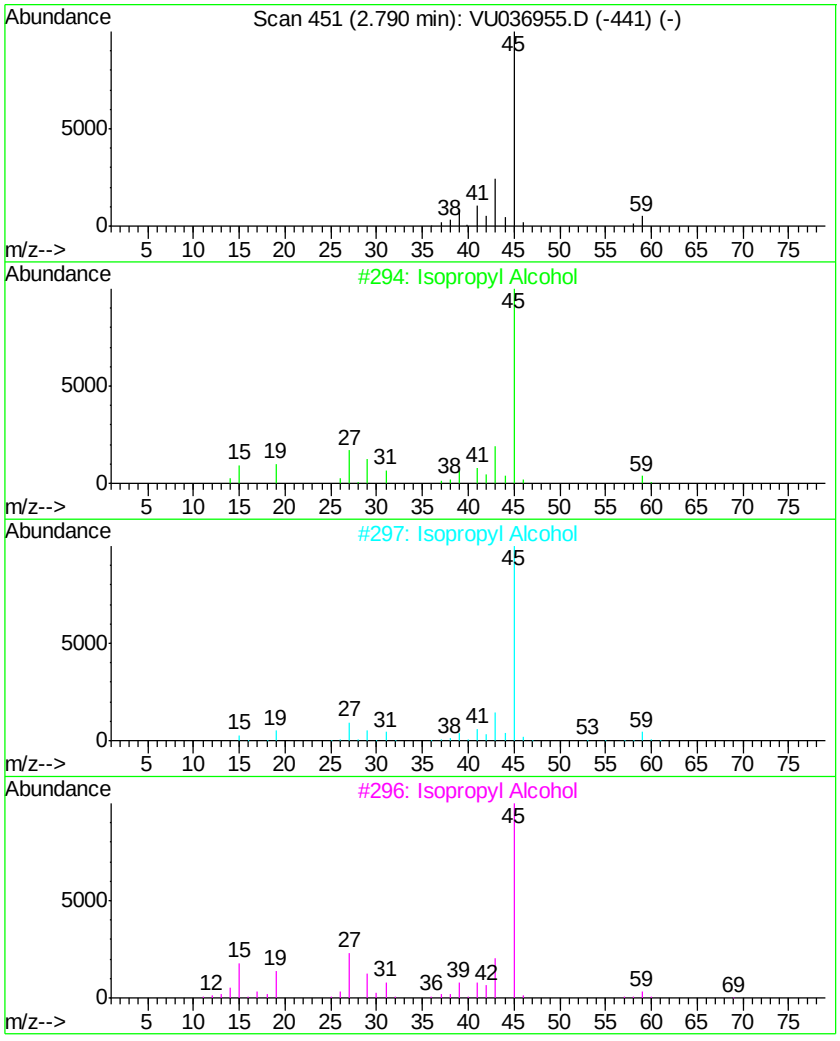
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

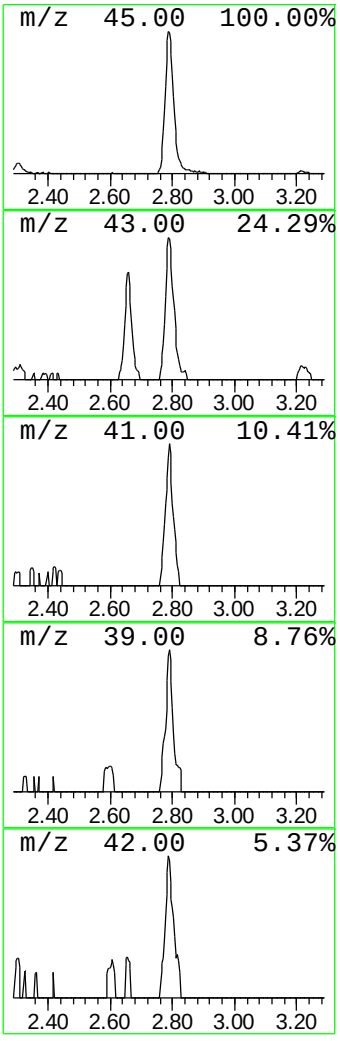
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.67 ug/L	33168	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethylamine	45	C2H7N	000075-04-7	5
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





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

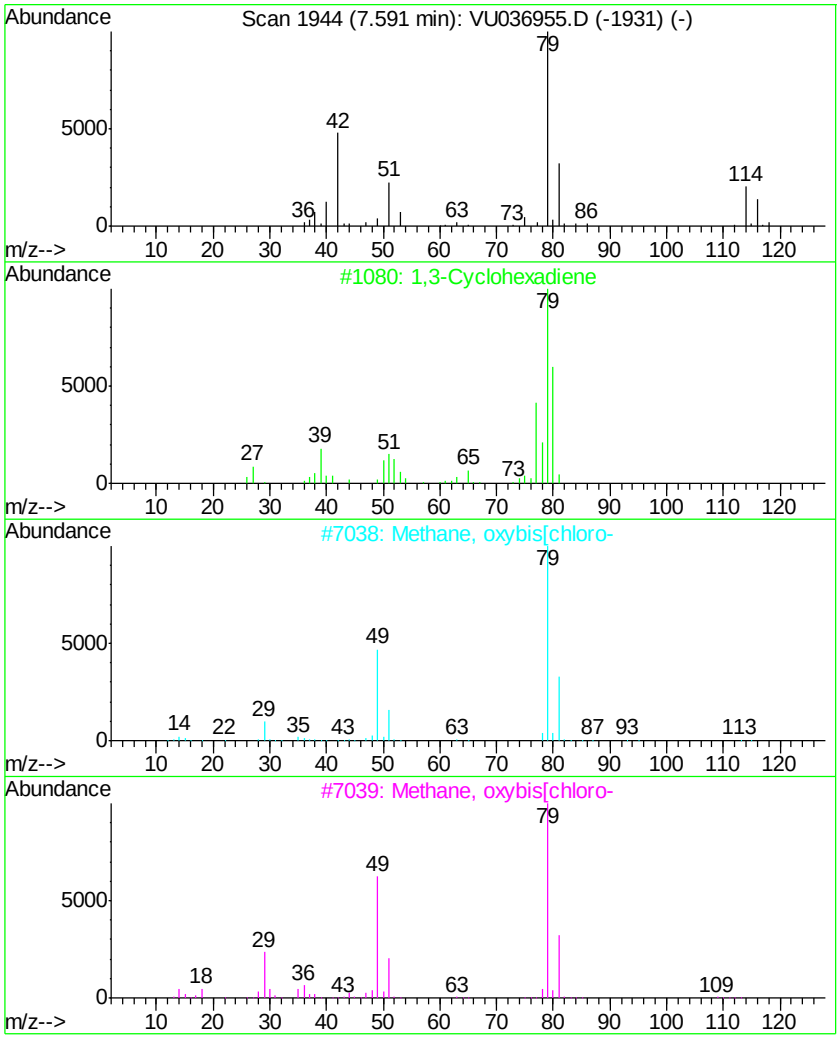
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

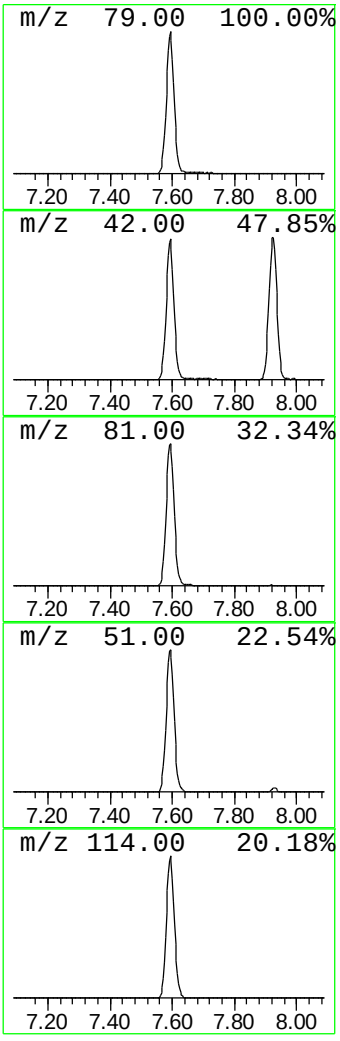
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	16.57 ug/L	206125	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	37
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.79	2.7	ug/L	33168	1	6.28	621964	50.0
unknown-01	7.59	16.6	ug/L	206125	1	6.28	621964	50.0