LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100319\
Data File : VU034918.D
Acq On : 03 Oct 2019 16:51
Operator : JC/SP
Sample : K5058-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAC4

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\SOMULM100319WMA.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	1.174	22	26	27	rBV	4427	3109	0.17%	0.011%
2	1.196	27	33	49	rVB	132905	141198	7.82%	0.510%
3	1.286	55	61	66	rBV	32323	32986	1.83%	0.119%
4	1.321	66	72	85	rVB	137812	141962	7.86%	0.512%
5	1.392	86	94	110	rBV2	508357	576262	31.92%	2.080%
6	1.595	133	157	168	rBV5	90536	233042	12.91%	0.841%
7	1.656	168	176	200	rVB2	189684	356743	19.76%	1.288%
8	1.868	232	242	257	rBV	300430	420479	23.29%	1.518%
9	2.260	351	364	378	rBV4	861272	1590915	88.12%	5.742%
10	2.456	418	425	440	rVB3	3103	5639	0.31%	0.020%
11	2.678	482	494	517	rBV	275724	507149	28.09%	1.830%
12	2.817	525	537	552	rVV2	20144	44237	2.45%	0.160%
13	2.961	568	582	604	rBV	136112	259162	14.36%	0.935%
14	3.077	616	618	621	rBV2	311	189	0.01%	0.001%
15	3.109	624	628	631	rBV2	229	248	0.01%	0.001%
16	3.180	646	650	651	rBV2	343	213	0.01%	0.001%
17	3.254	666	673	675	rBV3	285	329	0.02%	0.001%
18	3.289	675	684	688	rVB5	765	1192	0.07%	0.004%
19	3.350	699	703	705	rBV2	378	217	0.01%	0.001%
20	3.418	707	724	753	rBV	310770	691469	38.30%	2.496%
21	3.559	765	768	770	rVB2	472	260	0.01%	0.001%
22	3.617	784	786	789	rVB2	720	363	0.02%	0.001%
23	3.643	789	794	796	rBV2	358	312	0.02%	0.001%
24	3.694	807	810	812	rBV2	325	182	0.01%	0.001%
25	3.817	844	848	852	rVB2	426	367	0.02%	0.001%
26	3.836	852	854	860	rVB3	310	267	0.01%	0.001%
27	3.910	872	877	878	rBV	315	231	0.01%	0.001%
28	3.919	878	880	884	rVV2	359	271	0.02%	0.001%
29	4.148	939	951	956	rBV	163568	330799	18.32%	1.194%
30	4.521	1052	1067	1083	rBV2	180843	429311	23.78%	1.549%
31	4.636	1084	1103	1131	rVB4	437344	1453831	80.53%	5.247%
32	4.887	1163	1181	1201	rBV2	116036	284225	15.74%	1.026%
33	5.106	1232	1249	1273	rVV	318235	745573	41.30%	2.691%
34	5.218	1282	1284	1287	rVB2	506	252	0.01%	0.001%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAC4

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\SOMULM100319WMA.M
Title : VOC Analysis

35	5.312	1290	1313	1321	rBV2	628953	1805369	100.00%	6.516%
36	5.861	1470	1484	1516	rBV	468225	933641	51.71%	3.370%
37	6.070	1547	1549	1553	rVB2	709	392	0.02%	0.001%
38	6.160	1562	1577	1604	rBV	691506	1336214	74.01%	4.823%
39	6.305	1608	1622	1640	rVV	417900	834647	46.23%	3.012%
40	6.408	1641	1654	1676	rVB	325841	642907	35.61%	2.320%
41	6.646	1726	1728	1730	rVB	457	208	0.01%	0.001%
42	6.733	1741	1755	1771	rBV	119196	226909	12.57%	0.819%
43	6.868	1782	1797	1814	rBV2	11766	27491	1.52%	0.099%
44	7.006	1838	1840	1844	rBV4	368	226	0.01%	0.001%
45	7.080	1856	1863	1869	rBV5	501	786	0.04%	0.003%
46	7.109	1870	1872	1876	rVV2	335	226	0.01%	0.001%
47	7.205	1890	1902	1909	rBV	245680	442417	24.51%	1.597%
48	7.247	1910	1915	1939	rVB	201416	344493	19.08%	1.243%
49	7.373	1945	1954	1973	rBV	21743	43568	2.41%	0.157%
50	7.543	1993	2007	2024	rBV	864112	1507499	83.50%	5.441%
51	7.829	2085	2096	2098	rBV	189311	249164	13.80%	0.899%
52	8.045	2151	2163	2184	rVB	244180	421292	23.34%	1.521%
53	8.205	2200	2213	2229	rBV	734790	1257404	69.65%	4.538%
54	8.289	2229	2239	2275	rVV	531451	986347	54.63%	3.560%
55	8.453	2279	2290	2312	rVV	252249	437783	24.25%	1.580%
56	8.566	2314	2325	2352	rVB	135594	238998	13.24%	0.863%
57	8.771	2388	2389	2392	rBV2	386	203	0.01%	0.001%
58	8.810	2397	2401	2403	rBV3	517	326	0.02%	0.001%
59	8.829	2405	2407	2410	rBV2	364	224	0.01%	0.001%
60	8.877	2420	2422	2424	rVB	433	186	0.01%	0.001%
61	8.984	2451	2455	2459	rVB2	380	280	0.02%	0.001%
62	9.067	2469	2481	2505	rBV	690662	1178742	65.29%	4.254%
63	9.186	2506	2518	2550	rVB	554622	967727	53.60%	3.493%
64	9.360	2564	2572	2587	rVB2	5694	10091	0.56%	0.036%
65	9.498	2612	2615	2618	rBV2	320	200	0.01%	0.001%
66	9.553	2627	2632	2635	rBV4	473	398	0.02%	0.001%
67	9.633	2654	2657	2661	rVB3	532	361	0.02%	0.001%
68	9.656	2661	2664	2667	rBV2	257	197	0.01%	0.001%
69	9.765	2689	2698	2700	rBV2	4262	5202	0.29%	0.019%
70	9.874	2729	2732	2733	rBV2	273	189	0.01%	0.001%
71	9.935	2739	2751	2779	rBV	265470	461005	25.54%	1.664%

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Instrument : MSVOA_U
ClientSampleId : DBAC4

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\SOMULM100319WMA.M
Title : VOC Analysis

72	10.106	2801	2804	2807	rBV2	266	174	0.01%	0.001%
73	10.151	2811	2818	2827	rVB4	2672	3696	0.20%	0.013%
74	10.411	2886	2899	2903	rBV	606504	997648	55.26%	3.601%
75	10.582	2947	2952	2960	rVB5	450	665	0.04%	0.002%
76	10.649	2971	2973	2976	rBV	358	216	0.01%	0.001%
77	10.668	2976	2979	2983	rVV3	557	425	0.02%	0.002%
78	10.710	2990	2992	2995	rVV2	373	208	0.01%	0.001%
79	10.752	2998	3005	3014	rVB3	4051	6251	0.35%	0.023%
80	10.832	3028	3030	3035	rVB2	387	245	0.01%	0.001%
81	10.858	3035	3038	3043	rBV	448	341	0.02%	0.001%
82	10.951	3060	3067	3080	rVB3	4154	6110	0.34%	0.022%
83	11.022	3085	3089	3091	rBV2	415	360	0.02%	0.001%
84	11.080	3099	3107	3110	rBV7	3283	4703	0.26%	0.017%
85	11.125	3110	3121	3143	rVB	1004643	1543258	85.48%	5.570%
86	11.405	3200	3208	3214	rBV5	3940	6065	0.34%	0.022%
87	11.459	3214	3225	3248	rBV	600291	1032325	57.18%	3.726%
88	11.839	3329	3343	3371	rBV	712576	1249019	69.18%	4.508%
89	12.295	3481	3485	3486	rBV2	695	443	0.02%	0.002%
90	12.344	3498	3500	3503	rVB	485	199	0.01%	0.001%
91	12.385	3507	3513	3516	rBV3	637	627	0.03%	0.002%
92	12.453	3532	3534	3535	rBV	467	217	0.01%	0.001%
93	12.559	3564	3567	3571	rVB	480	340	0.02%	0.001%
94	12.636	3580	3591	3610	rBV2	126433	234357	12.98%	0.846%
95	12.903	3672	3674	3679	rBV3	808	537	0.03%	0.002%
96	12.967	3690	3694	3696	rBV3	634	519	0.03%	0.002%
97	13.363	3812	3817	3821	rBV3	649	630	0.03%	0.002%
98	13.405	3827	3830	3832	rBV	472	356	0.02%	0.001%
99	14.006	4015	4017	4020	rVB2	1072	621	0.03%	0.002%
100	14.829	4271	4273	4275	rBV2	638	347	0.02%	0.001%

Sum of corrected areas: 27707198

LSC Report - Integrated Chromatogram

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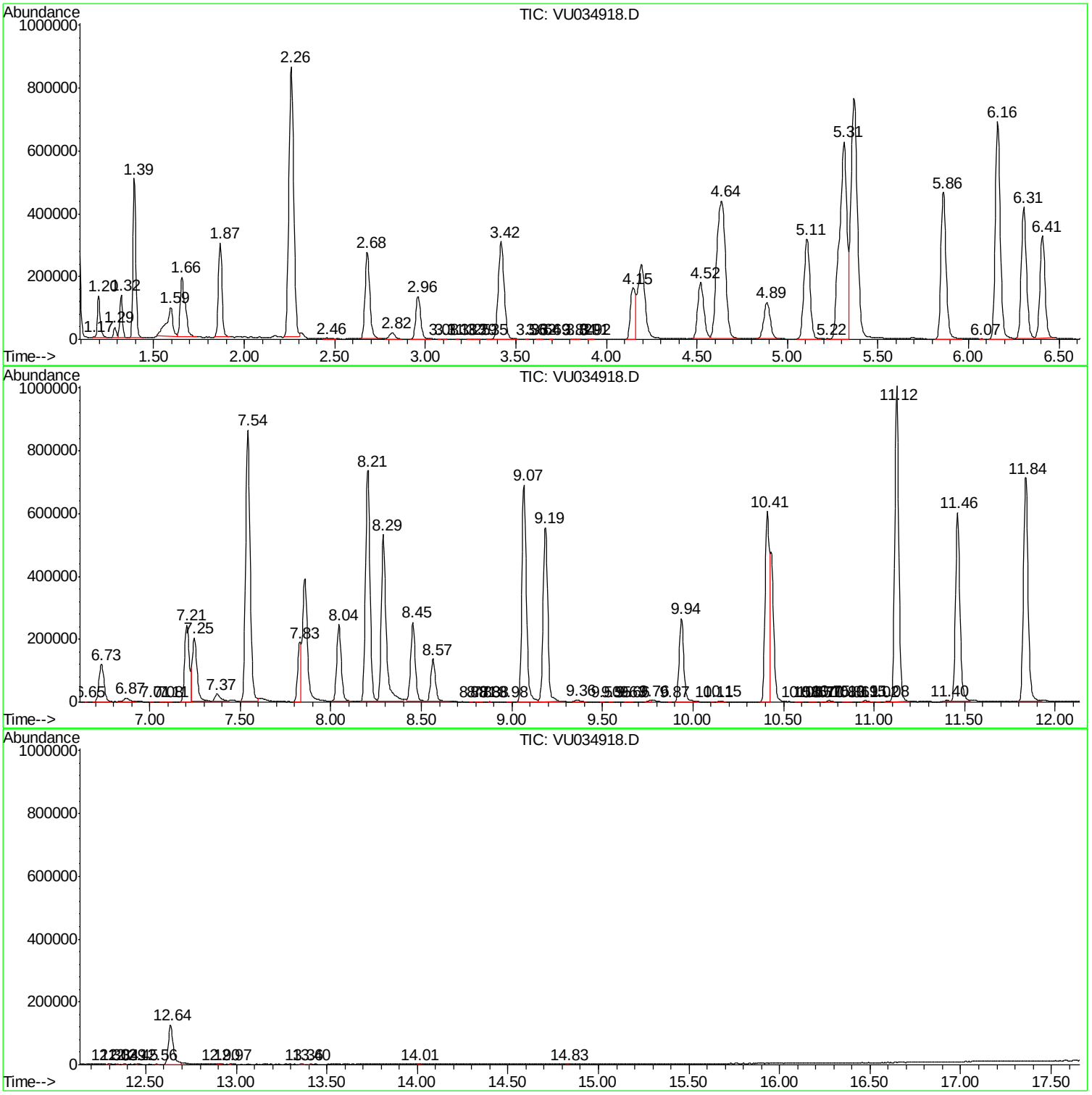
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAC4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.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\VU100319\
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Instrument : MSVOA_U
ClientSampleId : DBAC4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis

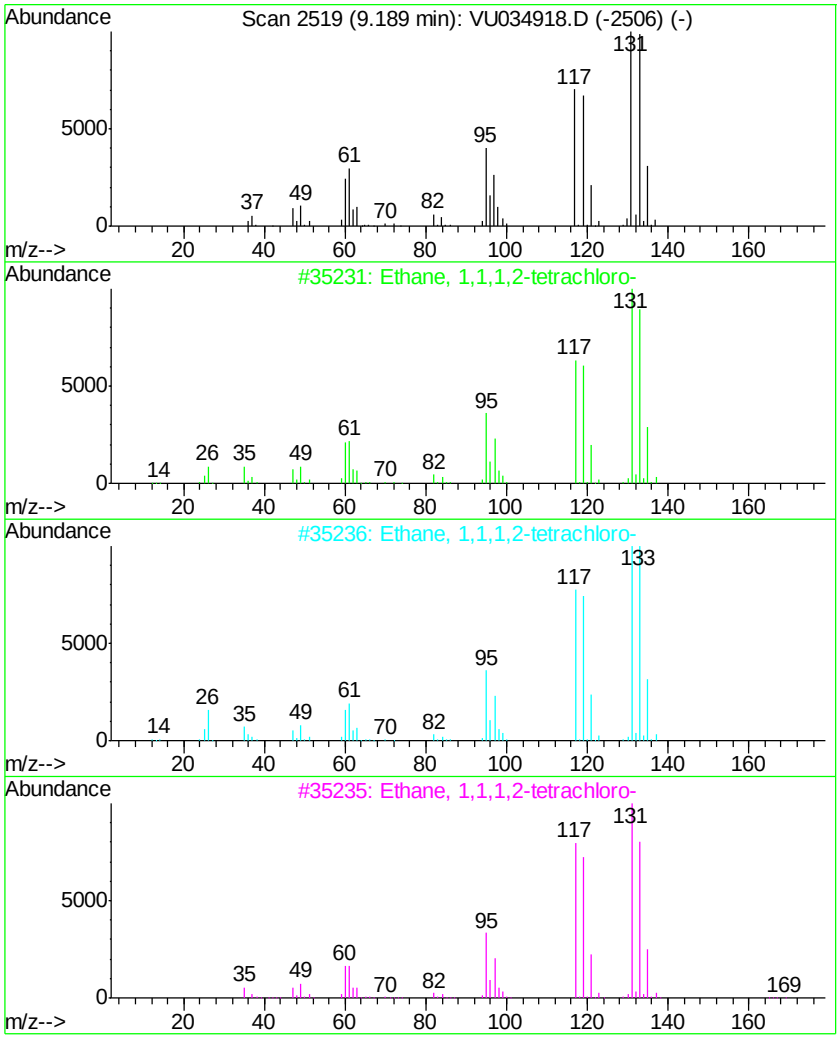
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

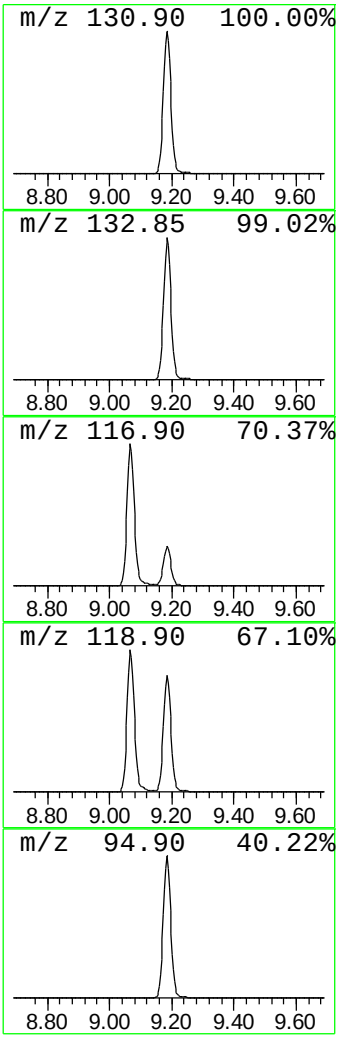
****

Peak Number 1 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	41.05 ug/L	967727	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
5	Carbon Tetrachloride	152	CCl4	000056-23-5	11





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis

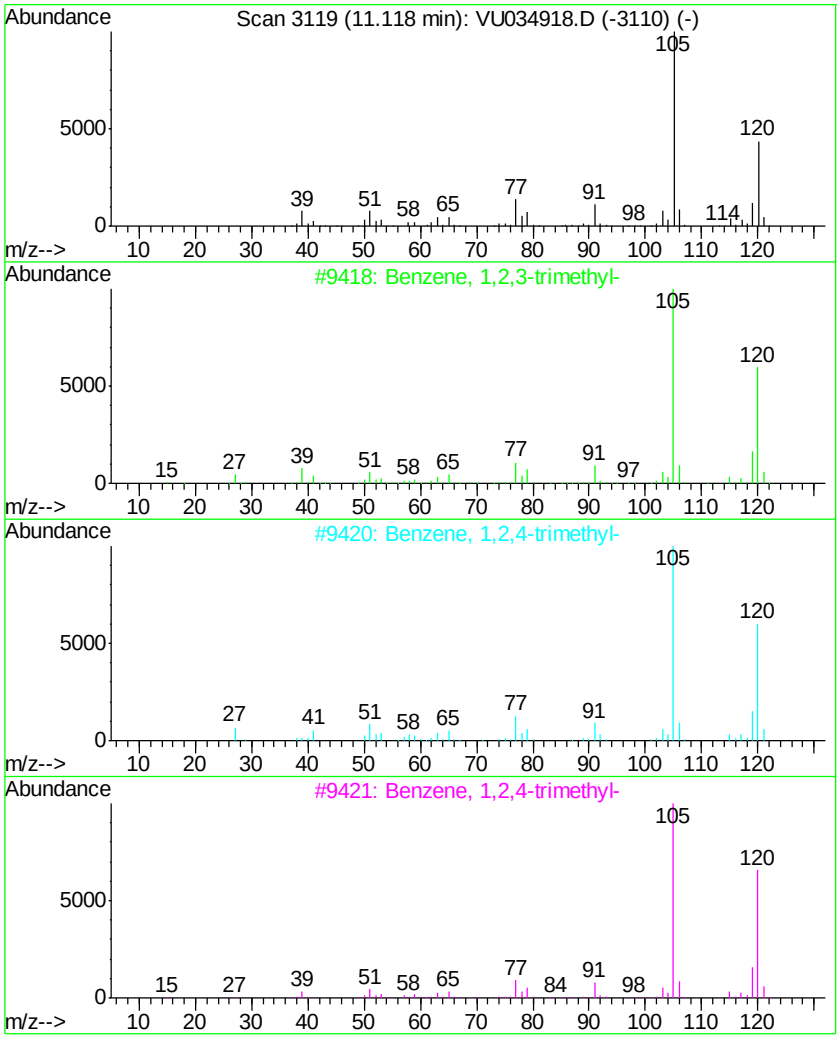
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

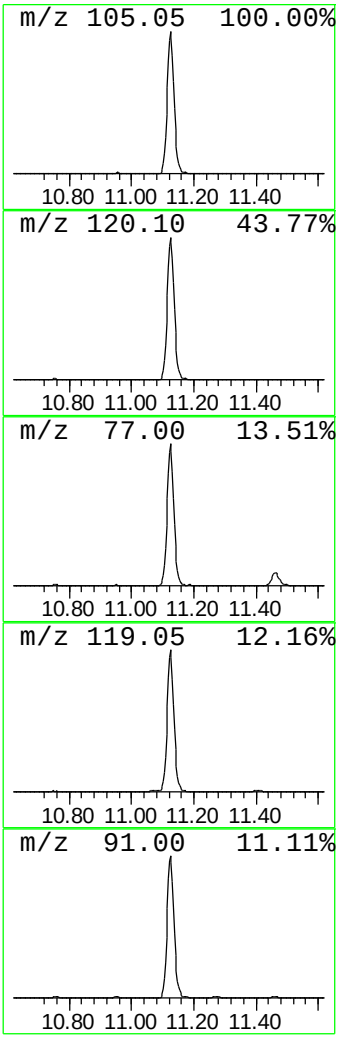
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	74.75 ug/L	1543260	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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
Ethane, 1,1,1,2-t...	9.19	41.0	ug/L	967727	2	9.07	1178740	50.0
Benzene, 1,2,4-tr...	11.12	74.8	ug/L	1543260	3	11.46	1032330	50.0