LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032486.D
Acq On : 06 Jun 2019 10:51
Operator : JC/SP
Sample : K3213-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8G8

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\SOMULM060619WMA.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	1.177	23	27	29	rBV2	4132	3339	0.42%	0.025%
2	1.199	29	34	48	rVB	74117	74111	9.36%	0.560%
3	1.286	56	61	66	rBV	18944	17718	2.24%	0.134%
4	1.322	66	72	87	rVB	65238	73461	9.28%	0.555%
5	1.396	87	95	109	rBV2	220564	251425	31.77%	1.898%
6	1.601	154	159	168	rVB	66721	69489	8.78%	0.525%
7	1.656	169	176	180	rBV	70705	88937	11.24%	0.671%
8	1.871	233	243	254	rBV	179845	250593	31.67%	1.892%
9	2.270	354	367	382	rBV5	422852	772895	97.66%	5.835%
10	2.402	404	408	411	rBV3	289	217	0.03%	0.002%
11	2.444	417	421	422	rBV2	575	405	0.05%	0.003%
12	2.498	434	438	439	rBV	329	175	0.02%	0.001%
13	2.524	444	446	449	rBV	273	206	0.03%	0.002%
14	2.585	460	465	468	rBV2	273	310	0.04%	0.002%
15	2.688	485	497	518	rBV	141128	242292	30.62%	1.829%
16	2.826	529	540	562	rVB	6756	15337	1.94%	0.116%
17	2.971	574	585	611	rVB	71790	132151	16.70%	0.998%
18	3.225	660	664	667	rBV2	163	177	0.02%	0.001%
19	3.434	712	729	753	rBV	147682	326245	41.22%	2.463%
20	3.891	865	871	877	rVB2	213	246	0.03%	0.002%
21	4.167	945	957	962	rBV	66406	133709	16.90%	1.010%
22	4.537	1057	1072	1089	rVV2	93898	217080	27.43%	1.639%
23	4.653	1089	1108	1138	rVB4	194754	640173	80.89%	4.833%
24	4.903	1170	1186	1205	rBV2	59358	142895	18.06%	1.079%
25	5.122	1236	1254	1278	rBV	172866	403453	50.98%	3.046%
26	5.328	1294	1318	1326	rBV2	246758	702958	88.83%	5.307%
27	5.537	1380	1383	1384	rBV2	318	176	0.02%	0.001%
28	5.595	1398	1401	1402	rBV	345	190	0.02%	0.001%
29	5.707	1430	1436	1437	rBV3	1052	1096	0.14%	0.008%
30	5.878	1476	1489	1515	rBV	243180	474913	60.01%	3.586%
31	6.177	1568	1582	1602	rBV	363821	697665	88.16%	5.267%
32	6.321	1614	1627	1646	rBV	157150	314410	39.73%	2.374%
33	6.424	1646	1659	1682	rVB	147431	289354	36.56%	2.185%
34	6.530	1690	1692	1695	rVB2	330	159	0.02%	0.001%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8G8

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\SOMULM060619WMA.M
Title : VOC Analysis

35	6.553	1695	1699	1702	rBV2	469	438	0.06%	0.003%
36	6.575	1704	1706	1709	rVV	455	265	0.03%	0.002%
37	6.595	1709	1712	1714	rVV2	368	231	0.03%	0.002%
38	6.608	1714	1716	1719	rVB2	323	202	0.03%	0.002%
39	6.653	1728	1730	1735	rVB2	229	211	0.03%	0.002%
40	6.749	1748	1760	1781	rBV2	57560	108608	13.72%	0.820%
41	6.887	1791	1803	1818	rBV3	4753	10085	1.27%	0.076%
42	7.032	1845	1848	1849	rBV	374	206	0.03%	0.002%
43	7.109	1870	1872	1877	rBV2	257	218	0.03%	0.002%
44	7.222	1896	1907	1913	rBV	101383	169984	21.48%	1.283%
45	7.264	1915	1920	1947	rVB2	94902	160971	20.34%	1.215%
46	7.389	1951	1959	1977	rBV	10889	21832	2.76%	0.165%
47	7.559	1999	2012	2033	rBV	337430	588989	74.43%	4.447%
48	7.845	2088	2101	2103	rBV	78018	100727	12.73%	0.760%
49	7.874	2105	2110	2133	rVB	186136	293905	37.14%	2.219%
50	8.019	2152	2155	2157	rBV3	445	346	0.04%	0.003%
51	8.061	2157	2168	2187	rVB	114303	195064	24.65%	1.473%
52	8.164	2196	2200	2202	rBV2	484	420	0.05%	0.003%
53	8.222	2205	2218	2234	rVV	408381	683548	86.37%	5.161%
54	8.305	2234	2244	2279	rVB	205083	373356	47.18%	2.819%
55	8.469	2284	2295	2311	rVB	125733	213583	26.99%	1.613%
56	8.582	2318	2330	2352	rBV	69438	120269	15.20%	0.908%
57	8.752	2377	2383	2385	rBV2	306	233	0.03%	0.002%
58	9.083	2474	2486	2511	rVV	353895	586485	74.11%	4.428%
59	9.202	2511	2523	2552	rVB	275281	462907	58.49%	3.495%
60	9.366	2566	2574	2581	rBV3	403	643	0.08%	0.005%
61	9.569	2632	2637	2642	rBV2	209	236	0.03%	0.002%
62	9.739	2688	2690	2694	rVB2	223	165	0.02%	0.001%
63	9.784	2700	2704	2708	rVB3	277	302	0.04%	0.002%
64	9.829	2716	2718	2725	rVB2	221	235	0.03%	0.002%
65	9.884	2732	2735	2738	rBV2	272	212	0.03%	0.002%
66	9.951	2744	2756	2778	rBV	141463	237633	30.03%	1.794%
67	10.096	2797	2801	2804	rBV2	183	163	0.02%	0.001%
68	10.161	2818	2821	2823	rBV	349	210	0.03%	0.002%
69	10.376	2885	2888	2891	rVB2	264	164	0.02%	0.001%
70	10.427	2891	2904	2909	rBV	245393	425528	53.77%	3.213%
71	10.527	2933	2935	2938	rVB2	371	159	0.02%	0.001%

LSC Area Percent Report

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Operator : JC/SP
Sample : K3213-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8G8

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\SOMULM060619WMA.M
Title : VOC Analysis

72	10.771	3002	3011	3017	rBV3	855	1298	0.16%	0.010%
73	10.842	3029	3033	3039	rBV	194	249	0.03%	0.002%
74	10.871	3039	3042	3048	rVB2	215	199	0.03%	0.002%
75	10.968	3066	3072	3081	rBV	1703	2447	0.31%	0.018%
76	11.096	3107	3112	3113	rBV3	725	498	0.06%	0.004%
77	11.144	3115	3127	3149	rVV	518472	791382	100.00%	5.975%
78	11.321	3179	3182	3183	rBV	318	167	0.02%	0.001%
79	11.424	3208	3214	3216	rBV4	573	588	0.07%	0.004%
80	11.479	3219	3231	3253	rBV	392629	618292	78.13%	4.668%
81	11.855	3332	3348	3373	rVV	353240	585814	74.02%	4.423%
82	12.106	3423	3426	3429	rVB	309	210	0.03%	0.002%
83	12.353	3500	3503	3505	rVV	256	160	0.02%	0.001%
84	12.379	3507	3511	3513	rBV2	206	164	0.02%	0.001%
85	12.434	3525	3528	3534	rVB3	484	461	0.06%	0.003%
86	12.479	3535	3542	3546	rBV3	452	514	0.06%	0.004%
87	12.562	3564	3568	3571	rVB	215	171	0.02%	0.001%
88	12.652	3585	3596	3618	rBV2	83962	141876	17.93%	1.071%
89	12.845	3652	3656	3658	rBV2	273	168	0.02%	0.001%
90	13.077	3723	3728	3732	rBV	288	298	0.04%	0.002%
91	13.102	3732	3736	3741	rVV2	309	327	0.04%	0.002%
92	13.189	3758	3763	3766	rBV	266	274	0.03%	0.002%
93	13.263	3782	3786	3788	rVB3	320	212	0.03%	0.002%
94	13.299	3788	3797	3804	rBV3	335	583	0.07%	0.004%
95	13.334	3804	3808	3811	rVB	248	204	0.03%	0.002%
96	13.369	3815	3819	3824	rBV3	345	402	0.05%	0.003%
97	13.434	3836	3839	3842	rBV	324	208	0.03%	0.002%
98	13.601	3888	3891	3894	rBV3	363	346	0.04%	0.003%
99	13.910	3984	3987	3990	rBV2	349	199	0.03%	0.002%
100	14.694	4228	4231	4238	rBV2	323	481	0.06%	0.004%

Sum of corrected areas: 13244885

LSC Report - Integrated Chromatogram

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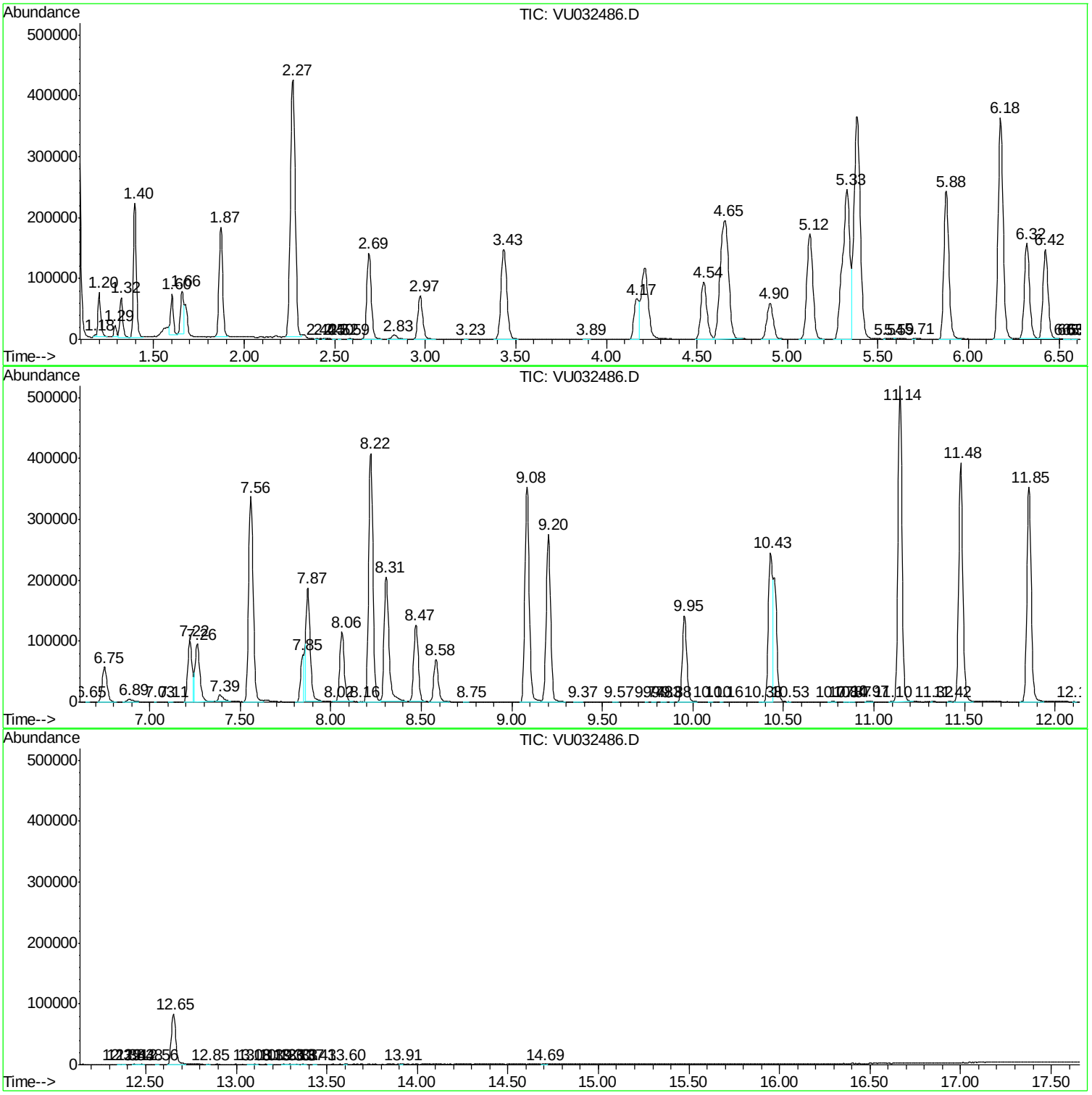
Sample : K3213-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8G8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.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\VU060619\
Data File : VU032486.D
Acq On : 06 Jun 2019 10:51
Operator : JC/SP
Sample : K3213-01
Misc : 5.0mL/MSVOA_U/WATER
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Instrument : MSVOA_U
ClientSampleId : DB8G8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

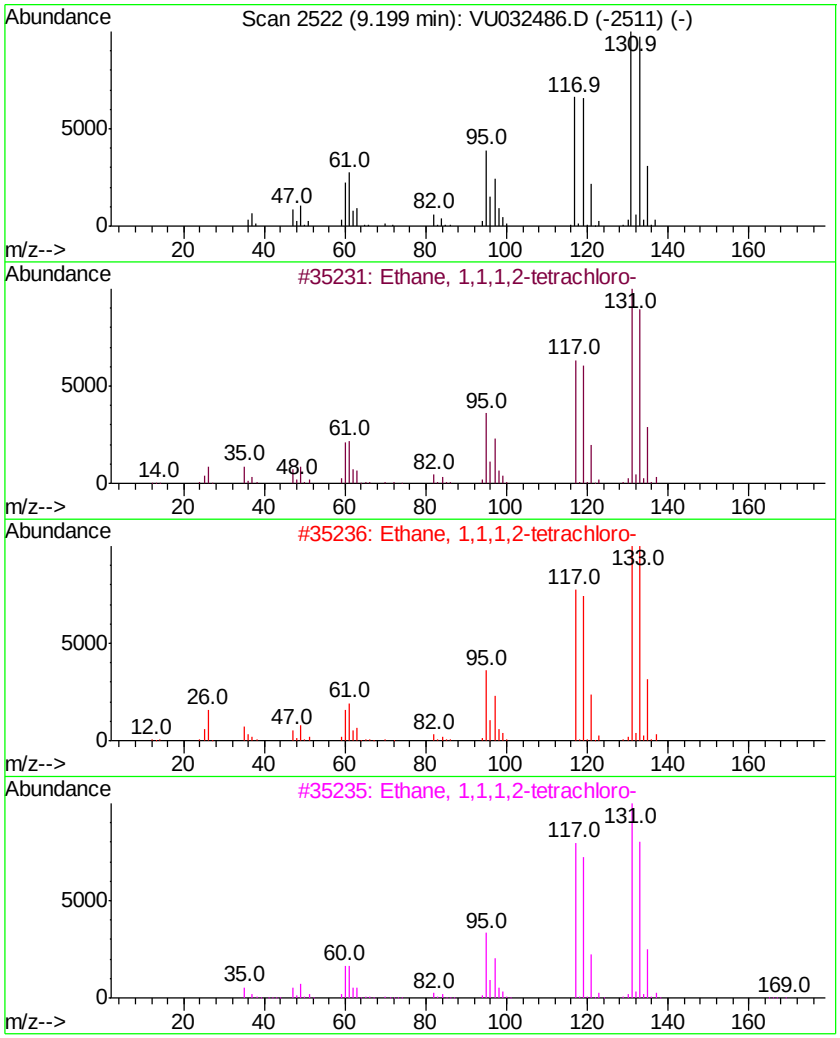
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

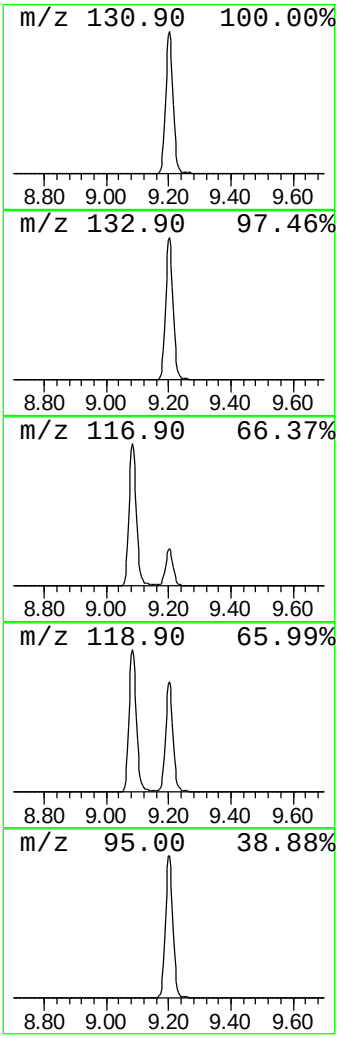
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	39.46 ug/L	462907	Chlorobenzene-d5	9.08

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	83
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10





Library Search Compound Report

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ClientSampleId : DB8G8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

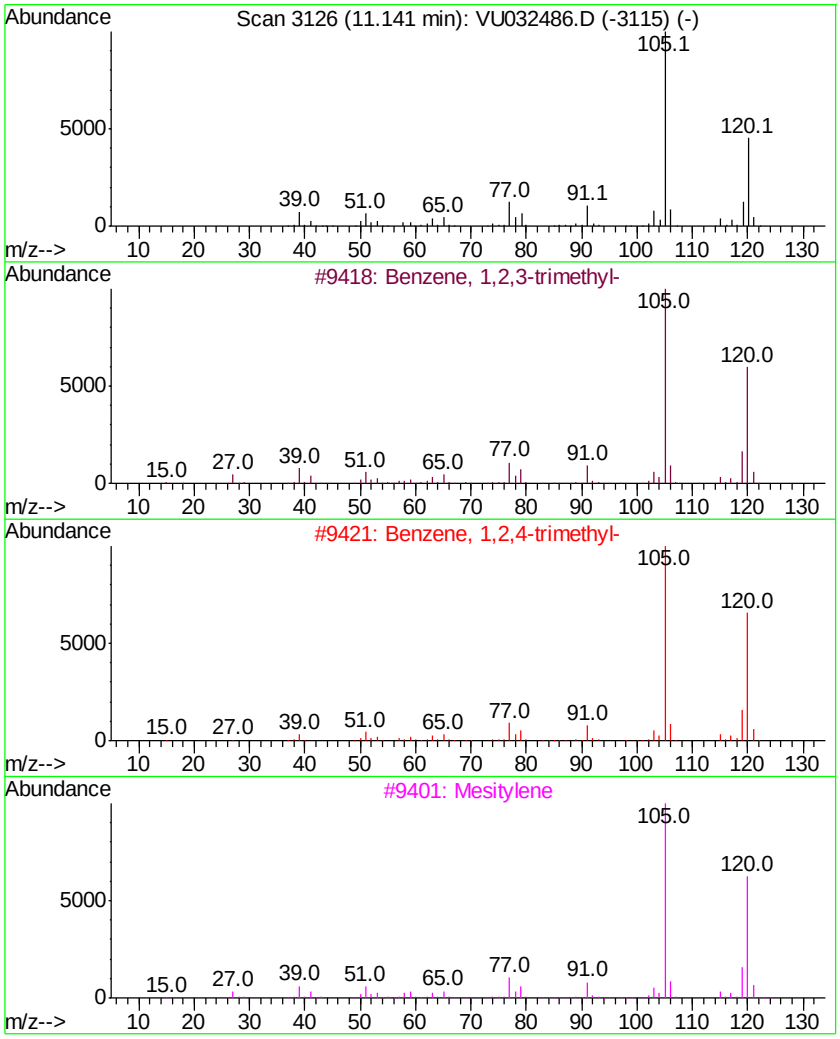
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

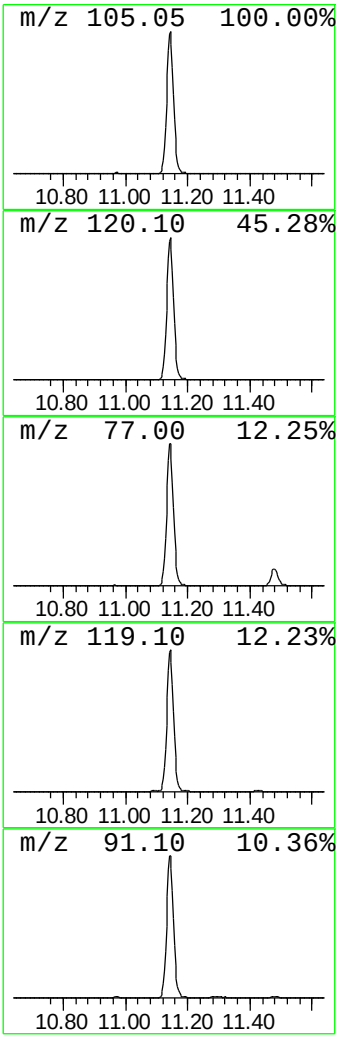
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	64.00 ug/L	791382	1,4-Dichlorobenzene-d4	11.48

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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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...	9.20	39.5	ug/L	462907	2	9.08	586485	50.0
Benzene, 1,2,4-tr...	11.14	64.0	ug/L	791382	3	11.48	618292	50.0