LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
Data File : VV029577.D
Acq On : 10 Dec 2022 13:41
Operator : SY/MD
Sample : N5928-12 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

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_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

Signal : TIC: VV029577.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	99	rVB	204669	210602	5.65%	1.176%
2	1.565	155	163	181	rVB	162766	186670	5.01%	1.042%
3	2.105	321	331	350	rBV2	328960	492803	13.21%	2.751%
4	2.507	448	456	469	rVB4	3264	5393	0.14%	0.030%
5	2.590	480	482	484	rBV	240	125	0.00%	0.001%
6	2.761	524	535	550	rVB2	10047	18440	0.49%	0.103%
7	2.870	564	569	571	rBV3	228	194	0.01%	0.001%
8	2.976	598	602	604	rBV	195	158	0.00%	0.001%
9	3.182	650	666	703	rBV	299974	633001	16.97%	3.534%
10	3.359	719	721	723	rBV2	448	230	0.01%	0.001%
11	3.420	738	740	742	rBV	308	157	0.00%	0.001%
12	3.478	754	758	766	rVB3	207	254	0.01%	0.001%
13	3.690	821	824	828	rBV	224	155	0.00%	0.001%
14	3.712	828	831	833	rBV2	201	140	0.00%	0.001%
15	3.751	841	843	847	rVB	289	156	0.00%	0.001%
16	3.773	847	850	853	rBV2	135	91	0.00%	0.001%
17	3.902	869	890	940	rBV2	1427665	3729638	100.00%	20.820%
18	4.339	1011	1026	1052	rBV	218222	533681	14.31%	2.979%
19	4.600	1090	1107	1133	rBV	422909	1055649	28.30%	5.893%
20	4.841	1180	1182	1186	rVB	213	140	0.00%	0.001%
21	4.892	1195	1198	1203	rBV2	232	190	0.01%	0.001%
22	5.040	1226	1244	1293	rBV2	533415	1421509	38.11%	7.935%
23	5.378	1346	1349	1351	rBV	217	116	0.00%	0.001%
24	5.442	1368	1369	1371	rBV	241	123	0.00%	0.001%
25	5.523	1391	1394	1397	rBV2	167	91	0.00%	0.001%
26	5.609	1408	1421	1455	rBV	558392	1130395	30.31%	6.310%
27	5.908	1502	1514	1532	rVB7	6229	14464	0.39%	0.081%
28	6.063	1548	1562	1600	rBV	301046	622884	16.70%	3.477%
29	6.416	1670	1672	1674	rVB2	226	83	0.00%	0.000%
30	6.474	1685	1690	1693	rBV2	417	354	0.01%	0.002%
31	6.510	1697	1701	1704	rBV3	352	272	0.01%	0.002%
32	6.622	1730	1736	1740	rBV4	925	1224	0.03%	0.007%
33	6.732	1767	1770	1771	rBV2	165	93	0.00%	0.001%
34	6.805	1790	1793	1796	rBV2	160	97	0.00%	0.001%
35	6.838	1800	1803	1805	rBV	228	162	0.00%	0.001%
36	6.867	1810	1812	1816	rBV	211	93	0.00%	0.001%

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Instrument :
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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_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

37	6.896	1816	1821	1826	rBV3	318	233	0.01%	0.001%
38	6.979	1835	1847	1881	rBV	138875	258605	6.93%	1.444%
39	7.150	1897	1900	1902	rBV2	488	279	0.01%	0.002%
40	7.172	1904	1907	1911	rVB3	602	401	0.01%	0.002%
41	7.307	1936	1949	1964	rBV	650438	1149995	30.83%	6.420%
42	7.613	2035	2044	2063	rBV	101791	175361	4.70%	0.979%
43	7.895	2130	2132	2134	rBV3	329	140	0.00%	0.001%
44	7.969	2149	2155	2163	rVB5	2476	3739	0.10%	0.021%
45	8.085	2180	2191	2223	rBV	379568	685285	18.37%	3.825%
46	8.500	2318	2320	2322	rBV2	296	153	0.00%	0.001%
47	8.580	2340	2345	2347	rBV	306	243	0.01%	0.001%
48	8.699	2380	2382	2385	rVB2	278	156	0.00%	0.001%
49	8.719	2385	2388	2391	rVB	268	144	0.00%	0.001%
50	8.770	2402	2404	2407	rVB2	284	147	0.00%	0.001%
51	8.789	2407	2410	2412	rBV	194	136	0.00%	0.001%
52	8.844	2415	2427	2462	rBV	808205	1335219	35.80%	7.453%
53	9.008	2469	2478	2491	rVB	28830	44819	1.20%	0.250%
54	9.130	2505	2516	2532	rBV	80238	132116	3.54%	0.737%
55	9.301	2567	2569	2572	rBV2	184	108	0.00%	0.001%
56	9.317	2572	2574	2577	rVB2	414	188	0.01%	0.001%
57	9.342	2577	2582	2584	rBV	247	220	0.01%	0.001%
58	9.352	2584	2585	2587	rVV	416	132	0.00%	0.001%
59	9.368	2587	2590	2596	rVB2	189	159	0.00%	0.001%
60	9.423	2606	2607	2609	rVB	274	79	0.00%	0.000%
61	9.535	2631	2642	2655	rBV	57489	91229	2.45%	0.509%
62	9.632	2669	2672	2674	rVB2	298	134	0.00%	0.001%
63	9.654	2676	2679	2680	rBV	139	90	0.00%	0.001%
64	9.680	2685	2687	2688	rVV2	204	101	0.00%	0.001%
65	9.696	2688	2692	2696	rVV3	673	660	0.02%	0.004%
66	9.715	2696	2698	2706	rVB3	240	269	0.01%	0.002%
67	9.863	2741	2744	2749	rVB3	297	210	0.01%	0.001%
68	9.924	2753	2763	2775	rVV2	4006	6882	0.18%	0.038%
69	9.979	2778	2780	2783	rVB2	190	108	0.00%	0.001%
70	10.011	2784	2790	2796	rVV3	388	363	0.01%	0.002%
71	10.111	2817	2821	2825	rVB2	409	268	0.01%	0.001%
72	10.162	2828	2837	2841	rBV2	19855	29001	0.78%	0.162%
73	10.207	2842	2851	2867	rVB	455713	706372	18.94%	3.943%
74	10.346	2883	2894	2906	rBV	16696	26178	0.70%	0.146%
75	10.439	2913	2923	2942	rBV	44493	92825	2.49%	0.518%
76	10.529	2942	2951	2959	rBV	32651	50885	1.36%	0.284%

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Instrument :
MSVOA_V
ClientSampleId :
EXZ73

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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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Title : VOC Analysis

77	10.686	2994	3000	3002	rBV3	1045	1202	0.03%	0.007%
78	10.728	3004	3013	3031	rVB	37517	57999	1.56%	0.324%
79	10.844	3044	3049	3051	rBV3	354	356	0.01%	0.002%
80	10.905	3057	3068	3087	rVB	149201	223585	5.99%	1.248%
81	11.043	3102	3111	3115	rBV6	1417	2084	0.06%	0.012%
82	11.117	3132	3134	3138	rVB2	273	181	0.00%	0.001%
83	11.153	3141	3145	3146	rBV	225	140	0.00%	0.001%
84	11.182	3148	3154	3160	rVV4	3396	4897	0.13%	0.027%
85	11.239	3160	3172	3190	rVV	902248	1421636	38.12%	7.936%
86	11.326	3191	3199	3210	rVB	55947	86337	2.31%	0.482%
87	11.519	3249	3259	3268	rBV3	19335	34303	0.92%	0.191%
88	11.612	3278	3288	3309	rVB	715941	1132168	30.36%	6.320%
89	11.808	3342	3349	3359	rVB2	4234	5895	0.16%	0.033%
90	11.915	3370	3382	3396	rVB4	23592	50553	1.36%	0.282%
91	12.008	3401	3411	3418	rBV	8340	12455	0.33%	0.070%
92	12.104	3433	3441	3446	rBV3	2327	3527	0.09%	0.020%
93	12.300	3495	3502	3510	rBV5	2115	3106	0.08%	0.017%
94	12.349	3513	3517	3519	rBV2	404	333	0.01%	0.002%
95	12.455	3543	3550	3560	rVB3	6477	9384	0.25%	0.052%
96	12.564	3582	3584	3585	rBV2	280	94	0.00%	0.001%
97	12.773	3647	3649	3651	rBV	322	186	0.00%	0.001%
98	12.870	3671	3679	3689	rVB3	7120	9746	0.26%	0.054%
99	13.072	3741	3742	3746	rBV3	352	169	0.00%	0.001%
100	13.381	3836	3838	3841	rBV4	484	279	0.01%	0.002%

Sum of corrected areas: 17914074

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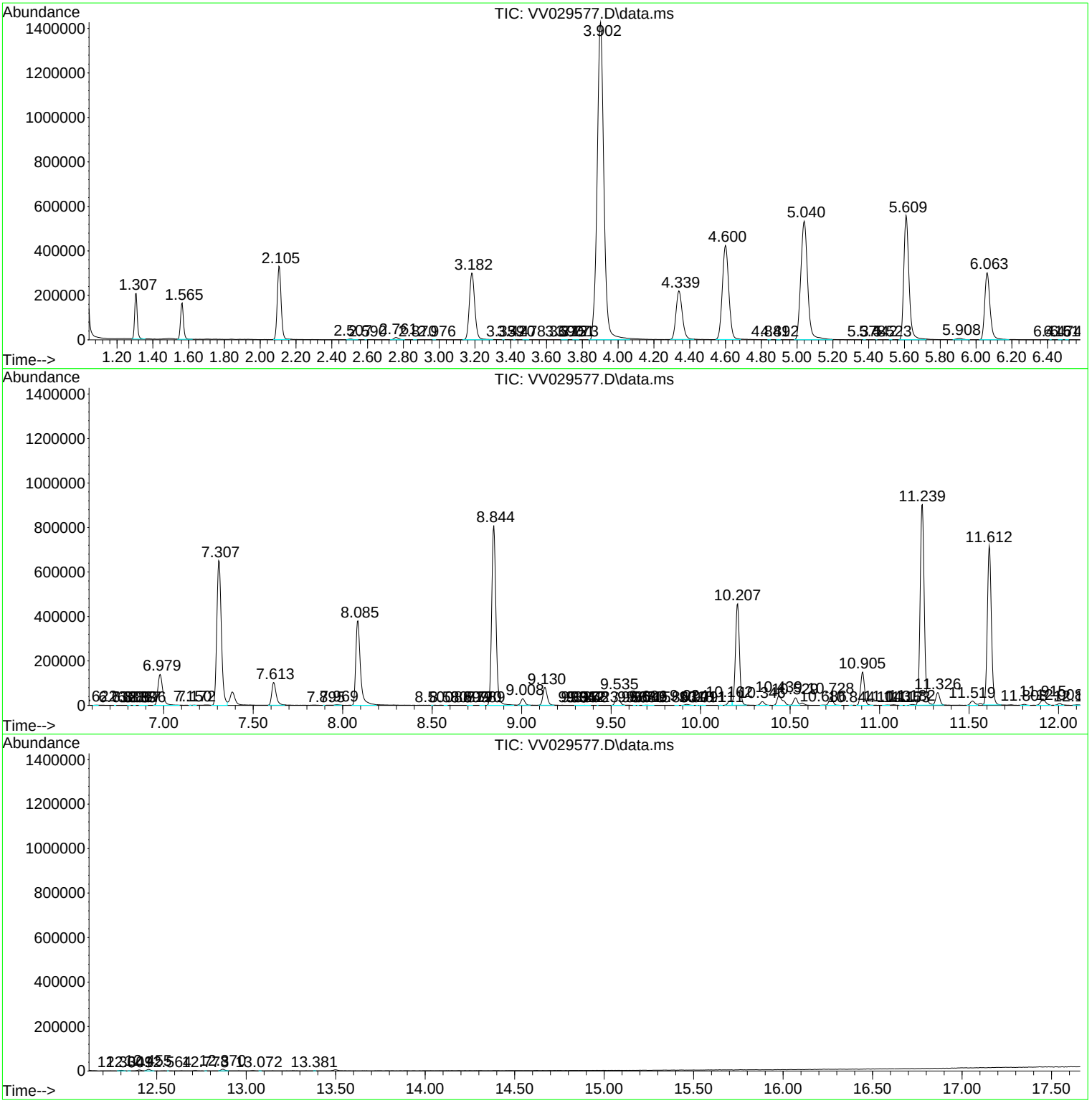
Instrument :
MSVOA_V
ClientSampleId :
EXZ73

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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EXZ73

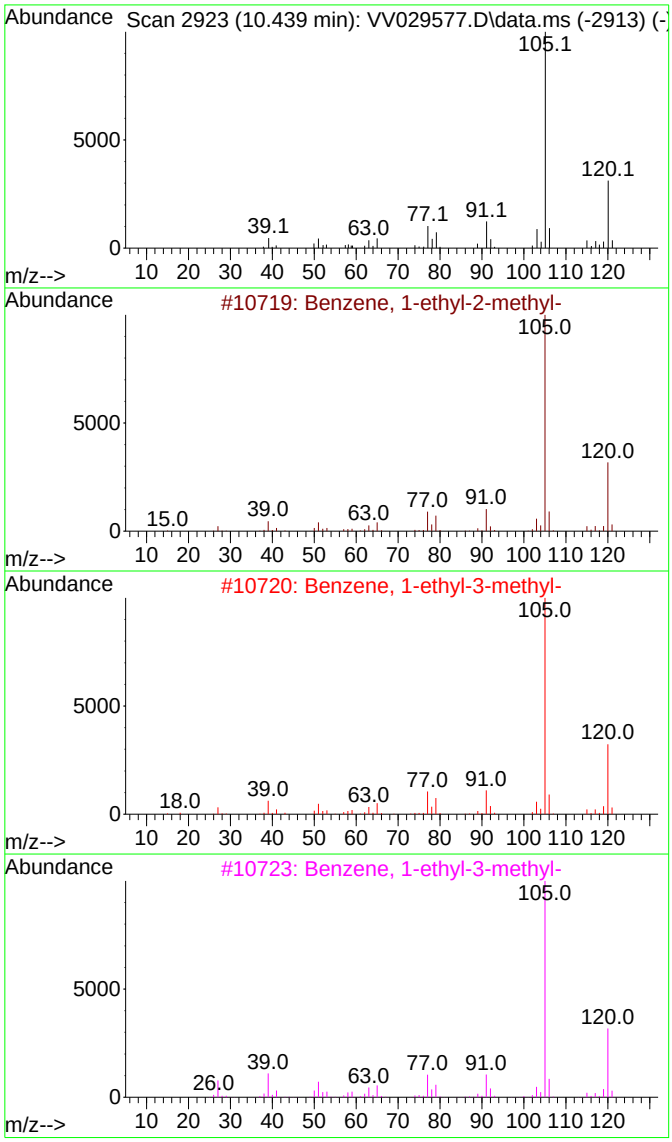
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

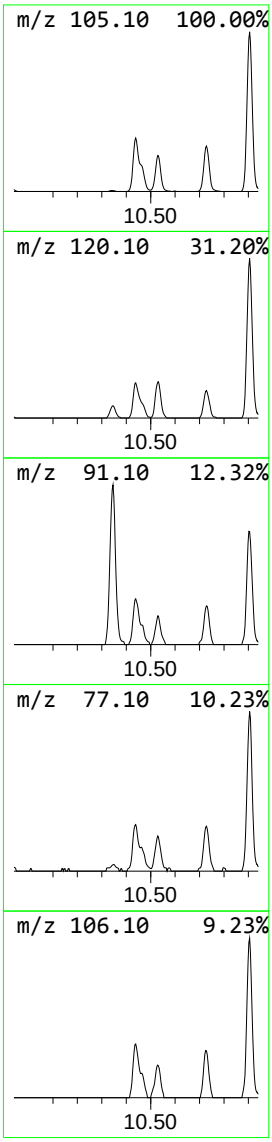
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	3.26 ug/L	92825	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ALS Vial : 71 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ73

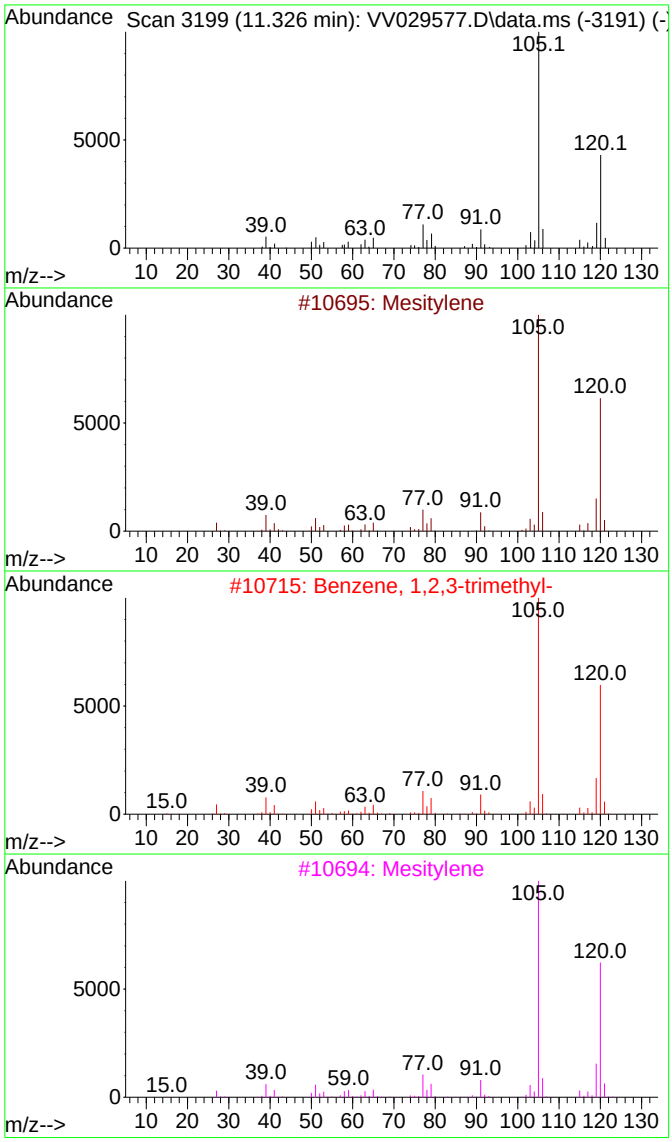
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

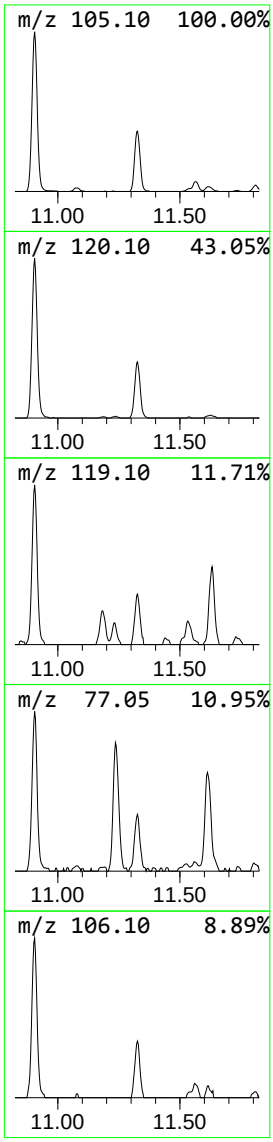
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	3.04 ug/L	86337	1,4-Dichlorobenzene-d4	11.239

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





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	10.439	3.3	ug/L	92825	3	11.239	1421640	50.0
Benzene, 1,2,3-...	11.326	3.0	ug/L	86337	3	11.239	1421640	50.0