LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050864.D
Acq On : 21 Sep 2022 04:35
Operator : JC/MD
Sample : N4650-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

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\SFAMULM092022WMA.M
Title : VOC Analysis

Signal : TIC: VU050864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	96	rVB	268282	316764	9.09%	1.628%
2	1.909	170	177	195	rVB	221157	293138	8.42%	1.506%
3	2.568	368	382	401	rBV2	394802	676704	19.43%	3.477%
4	2.787	446	450	455	rBV4	639	766	0.02%	0.004%
5	2.813	455	458	464	rVB4	430	368	0.01%	0.002%
6	2.864	472	474	481	rVB2	873	800	0.02%	0.004%
7	2.941	495	498	505	rBV4	635	835	0.02%	0.004%
8	2.974	506	508	512	rVV3	470	363	0.01%	0.002%
9	3.044	520	530	542	rVB3	11095	21480	0.62%	0.110%
10	3.186	558	574	593	rBV2	23705	55180	1.58%	0.284%
11	3.356	616	627	638	rBV3	7751	15583	0.45%	0.080%
12	3.446	651	655	659	rBV	485	396	0.01%	0.002%
13	3.655	717	720	727	rVB2	337	382	0.01%	0.002%
14	3.867	763	786	815	rBV	259865	618924	17.77%	3.180%
15	4.137	867	870	876	rVV3	496	528	0.02%	0.003%
16	4.234	896	900	905	rBV	741	716	0.02%	0.004%
17	4.665	1007	1034	1064	rBV2	1316620	3483165	100.00%	17.898%
18	5.063	1142	1158	1177	rBV	348211	760102	21.82%	3.906%
19	5.314	1219	1236	1263	rVB	354086	800583	22.98%	4.114%
20	5.411	1263	1266	1270	rBV2	477	393	0.01%	0.002%
21	5.565	1311	1314	1317	rVB3	647	417	0.01%	0.002%
22	5.723	1341	1363	1395	rBV2	715531	1969904	56.56%	10.122%
23	6.105	1477	1482	1485	rBV2	716	859	0.02%	0.004%
24	6.247	1511	1526	1549	rBV	544970	1024590	29.42%	5.265%
25	6.533	1605	1615	1625	rVB5	9371	17149	0.49%	0.088%
26	6.604	1634	1637	1640	rVB3	692	479	0.01%	0.002%
27	6.690	1649	1664	1682	rBV	464445	901812	25.89%	4.634%
28	7.009	1758	1763	1766	rBV3	422	384	0.01%	0.002%
29	7.144	1799	1805	1809	rBV2	305	353	0.01%	0.002%
30	7.192	1810	1820	1823	rBV6	1572	2349	0.07%	0.012%
31	7.565	1922	1936	1960	rBV	214288	384764	11.05%	1.977%
32	7.793	1997	2007	2020	rVB4	3236	5466	0.16%	0.028%
33	7.896	2023	2039	2053	rBV	807378	1384735	39.76%	7.115%
34	7.970	2053	2062	2077	rVB	63309	113628	3.26%	0.584%
35	8.083	2094	2097	2103	rVB3	817	734	0.02%	0.004%
36	8.179	2115	2127	2142	rBV	152848	261407	7.50%	1.343%

LSC Area Percent Report

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Sample : N4650-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

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\SFAMULM092022WMA.M
Title : VOC Analysis

37	8.285	2158	2160	2163	rVB3	700	355	0.01%	0.002%
38	8.395	2190	2194	2197	rBV4	900	810	0.02%	0.004%
39	8.459	2210	2214	2217	rBV4	504	577	0.02%	0.003%
40	8.478	2217	2220	2226	rVB3	715	554	0.02%	0.003%
41	8.549	2237	2242	2253	rVB6	1892	3118	0.09%	0.016%
42	8.632	2255	2268	2305	rBV2	612696	1195229	34.31%	6.142%
43	8.838	2329	2332	2335	rVB4	616	410	0.01%	0.002%
44	9.041	2393	2395	2399	rVB3	590	357	0.01%	0.002%
45	9.067	2399	2403	2405	rBV2	811	551	0.02%	0.003%
46	9.102	2411	2414	2418	rVB3	447	341	0.01%	0.002%
47	9.128	2419	2422	2426	rBV3	554	401	0.01%	0.002%
48	9.234	2452	2455	2461	rBV2	423	344	0.01%	0.002%
49	9.285	2466	2471	2473	rBV2	551	430	0.01%	0.002%
50	9.414	2495	2511	2536	rBV	738166	1234190	35.43%	6.342%
51	9.568	2551	2559	2576	rVB	24873	39476	1.13%	0.203%
52	9.690	2585	2597	2615	rVV	50529	84837	2.44%	0.436%
53	9.922	2666	2669	2673	rVB3	568	369	0.01%	0.002%
54	10.099	2714	2724	2736	rBV	36766	58945	1.69%	0.303%
55	10.173	2745	2747	2752	rBV3	372	377	0.01%	0.002%
56	10.398	2813	2817	2821	rBV2	344	350	0.01%	0.002%
57	10.484	2835	2844	2855	rBV5	3465	4741	0.14%	0.024%
58	10.665	2890	2900	2901	rBV3	1387	1595	0.05%	0.008%
59	10.755	2915	2928	2950	rBV	658658	1060403	30.44%	5.449%
60	10.906	2963	2975	2986	rVB	11340	19507	0.56%	0.100%
61	10.954	2986	2990	2992	rBV2	475	392	0.01%	0.002%
62	10.999	2994	3004	3021	rVV3	24436	55283	1.59%	0.284%
63	11.086	3021	3031	3046	rVB2	23432	36960	1.06%	0.190%
64	11.230	3069	3076	3077	rBV4	728	810	0.02%	0.004%
65	11.292	3084	3095	3109	rBV2	26336	40820	1.17%	0.210%
66	11.372	3115	3120	3124	rVB3	785	783	0.02%	0.004%
67	11.414	3131	3133	3138	rVB3	513	413	0.01%	0.002%
68	11.465	3138	3149	3171	rVB	100656	154563	4.44%	0.794%
69	11.571	3178	3182	3185	rBV4	605	508	0.01%	0.003%
70	11.603	3187	3192	3193	rBV2	774	600	0.02%	0.003%
71	11.642	3200	3204	3211	rVB5	1656	2019	0.06%	0.010%
72	11.687	3214	3218	3226	rBV7	680	865	0.02%	0.004%
73	11.738	3226	3234	3242	rBV7	3226	4120	0.12%	0.021%
74	11.809	3243	3256	3271	rBV	641996	1001751	28.76%	5.148%
75	11.893	3274	3282	3293	rVB	39906	64041	1.84%	0.329%
76	11.957	3298	3302	3305	rVV4	1081	1100	0.03%	0.006%

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Operator : JC/MD
Sample : N4650-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

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\SFAMULM092022WMA.M
Title : VOC Analysis

77	11.970	3305	3306	3309	rVB2	860	365	0.01%	0.002%
78	12.092	3335	3344	3351	rBV3	15281	23839	0.68%	0.122%
79	12.192	3361	3375	3396	rBV	707086	1157205	33.22%	5.946%
80	12.375	3426	3432	3438	rBV3	2717	3382	0.10%	0.017%
81	12.481	3451	3465	3480	rBV3	25060	50530	1.45%	0.260%
82	12.571	3486	3493	3501	rVB3	4315	6211	0.18%	0.032%
83	12.684	3518	3528	3530	rBV3	2093	2892	0.08%	0.015%
84	12.729	3540	3542	3546	rVB2	835	433	0.01%	0.002%
85	12.880	3579	3589	3596	rVB7	1894	2848	0.08%	0.015%
86	12.938	3602	3607	3609	rBV3	932	835	0.02%	0.004%
87	12.973	3613	3618	3624	rVV4	2122	3035	0.09%	0.016%
88	13.028	3628	3635	3641	rVV5	3331	4162	0.12%	0.021%
89	13.227	3691	3697	3699	rBV4	702	786	0.02%	0.004%
90	13.288	3712	3716	3725	rBV5	882	1036	0.03%	0.005%
91	13.423	3754	3758	3759	rBV	628	436	0.01%	0.002%
92	13.452	3760	3767	3774	rVB7	4105	5769	0.17%	0.030%
93	13.510	3783	3785	3789	rVB2	700	448	0.01%	0.002%
94	13.539	3791	3794	3798	rBV3	369	370	0.01%	0.002%
95	13.889	3901	3903	3908	rVB2	599	429	0.01%	0.002%
96	14.092	3961	3966	3975	rVB	3982	4785	0.14%	0.025%
97	14.214	4001	4004	4006	rBV	557	368	0.01%	0.002%
98	14.565	4110	4113	4114	rBV	768	409	0.01%	0.002%
99	15.240	4321	4323	4327	rVB3	593	384	0.01%	0.002%
100	15.642	4446	4448	4450	rBV3	923	451	0.01%	0.002%

Sum of corrected areas: 19460903

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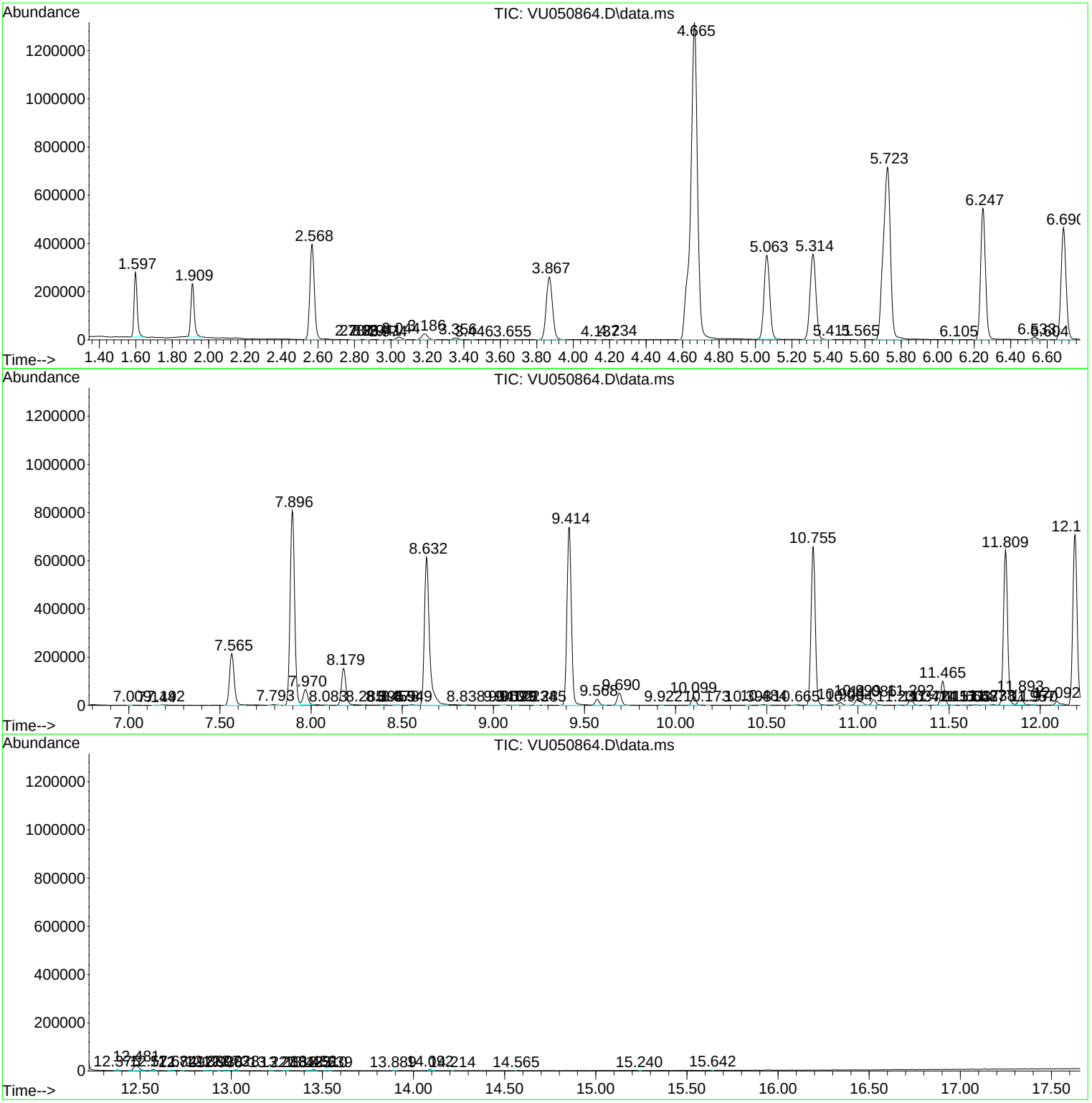
Acq On : 21 Sep 2022 04:35
Operator : JC/MD
Sample : N4650-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
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Instrument :
MSVOA_U
ClientSampleId :
EXZ07

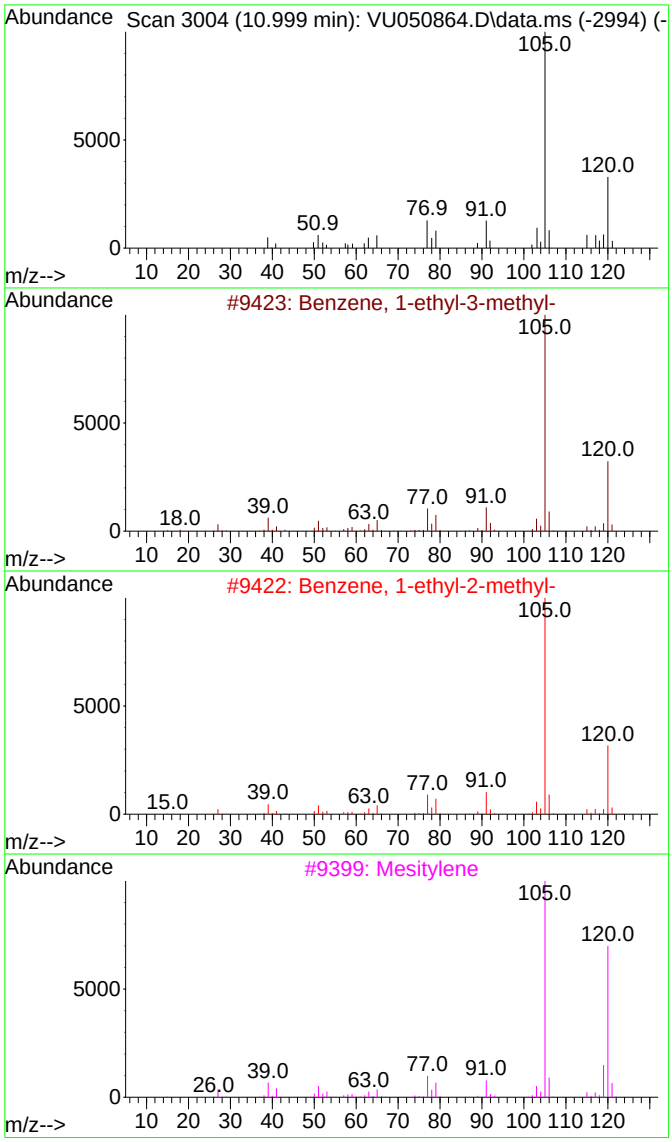
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

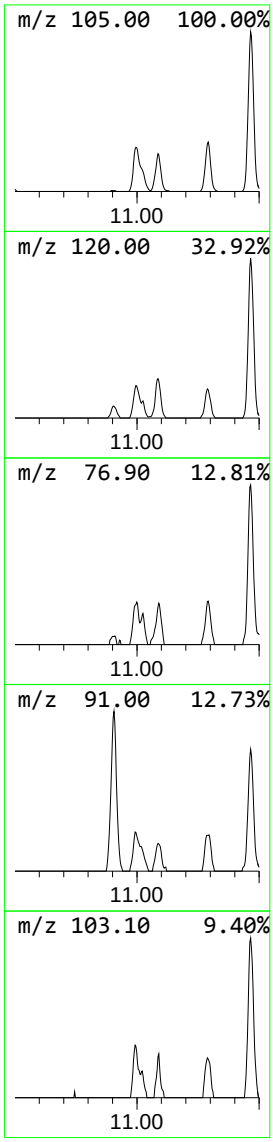
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	2.76 ug/L	55283	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050864.D
Acq On : 21 Sep 2022 04:35
Operator : JC/MD
Sample : N4650-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

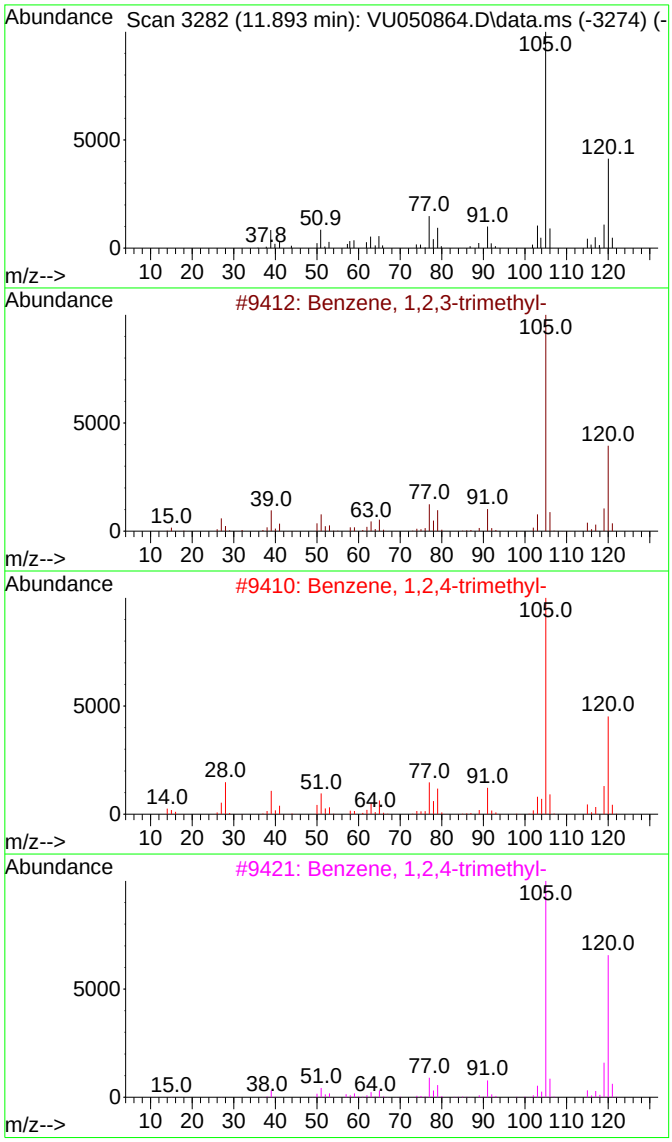
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

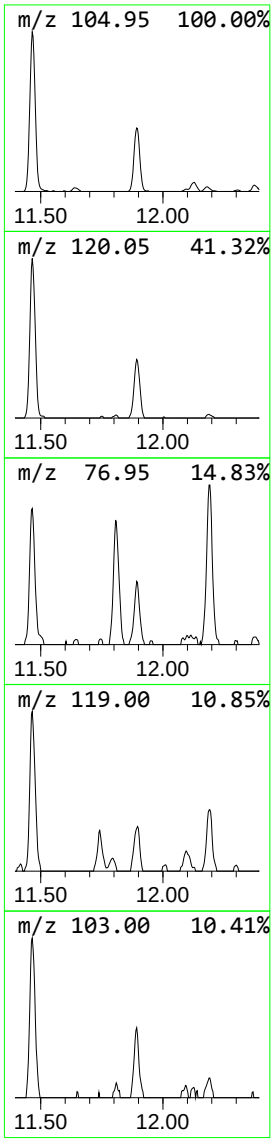
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	3.20 ug/L	64041	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 21 Sep 2022 04:35
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ07

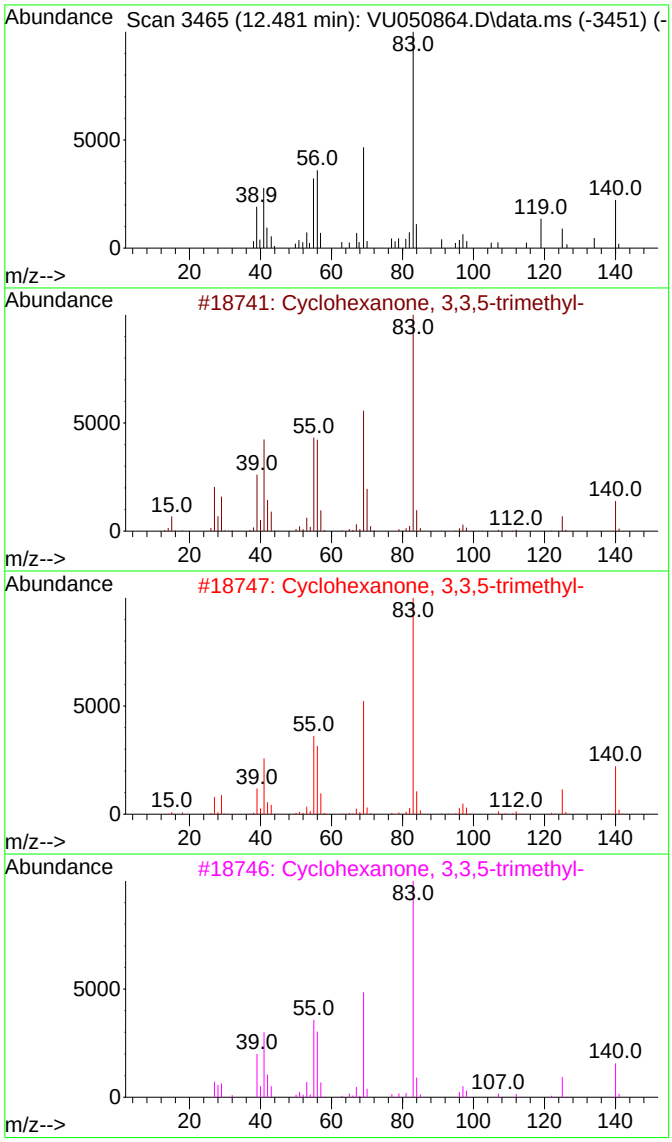
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

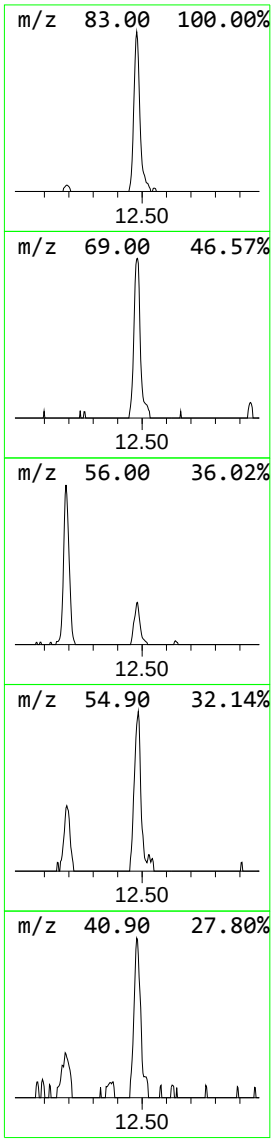
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	2.52 ug/L	50530	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
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
Benzene, 1-ethy...	10.999	2.8	ug/L	55283	3	11.809	1001750	50.0
Benzene, 1,2,3-...	11.893	3.2	ug/L	64041	3	11.809	1001750	50.0
Cyclohexanone, ...	12.481	2.5	ug/L	50530	3	11.809	1001750	50.0