LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060198.D
Acq On : 26 Jul 2024 02:13
Operator : MD/SY
Sample : P3370-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08H4

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\SFAMULM070224WMA.M
Title : VOC Analysis

Signal : TIC: VU060198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.470	49	56	66	rVB	53535	53752	0.93%	0.365%
2	1.596	86	95	107	rBV	94785	110147	1.91%	0.748%
3	1.907	184	192	204	rVB	77003	102739	1.78%	0.698%
4	1.988	213	217	224	rVB4	3445	4377	0.08%	0.030%
5	2.197	277	282	290	rVB8	1816	2570	0.04%	0.017%
6	2.560	383	395	407	rBV	133897	219446	3.80%	1.490%
7	2.628	407	416	438	rVB	30690	62132	1.08%	0.422%
8	2.792	459	467	475	rVV5	844	1035	0.02%	0.007%
9	2.952	512	517	520	rBV3	393	432	0.01%	0.003%
10	3.039	535	544	560	rVB4	2711	5511	0.10%	0.037%
11	3.133	566	573	576	rBV4	1312	1197	0.02%	0.008%
12	3.184	577	589	598	rBV4	2428	5643	0.10%	0.038%
13	3.293	621	623	628	rVB3	469	327	0.01%	0.002%
14	3.358	638	643	647	rBV3	572	629	0.01%	0.004%
15	3.875	800	804	808	rVV2	273	318	0.01%	0.002%
16	4.197	898	904	908	rBV2	263	363	0.01%	0.002%
17	4.525	996	1006	1018	rBV4	1852	3604	0.06%	0.024%
18	4.621	1024	1036	1048	rBV	55347	133260	2.31%	0.905%
19	4.695	1050	1059	1092	rVB	160480	400899	6.94%	2.722%
20	5.055	1156	1171	1191	rVV	114252	253024	4.38%	1.718%
21	5.200	1212	1216	1219	rVB3	466	336	0.01%	0.002%
22	5.380	1263	1272	1282	rVV7	3033	6292	0.11%	0.043%
23	5.718	1358	1377	1410	rBV2	239865	661264	11.45%	4.490%
24	6.165	1509	1516	1524	rVB3	901	1200	0.02%	0.008%
25	6.242	1528	1540	1568	rBV	257975	500418	8.66%	3.398%
26	6.534	1621	1631	1644	rVB8	4799	9738	0.17%	0.066%
27	6.618	1654	1657	1663	rVB2	303	302	0.01%	0.002%
28	6.682	1663	1677	1698	rBV	147557	292803	5.07%	1.988%
29	6.775	1703	1706	1707	rBV2	638	405	0.01%	0.003%
30	7.165	1818	1827	1836	rBV4	1165	2090	0.04%	0.014%
31	7.264	1850	1858	1861	rBV2	216	327	0.01%	0.002%
32	7.396	1893	1899	1903	rBV4	564	535	0.01%	0.004%
33	7.560	1939	1950	1972	rBV2	66263	124204	2.15%	0.843%
34	7.714	1995	1998	2004	rVB4	533	566	0.01%	0.004%
35	7.782	2004	2019	2041	rBV	1351348	2329084	40.31%	15.814%
36	7.891	2043	2053	2068	rVV	318741	566492	9.81%	3.846%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08H4

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\SFAMULM070224WMA.M
Title : VOC Analysis

37	7.965	2069	2076	2090	rVB2	32255	59261	1.03%	0.402%
38	8.174	2131	2141	2143	rBV	48211	57723	1.00%	0.392%
39	8.219	2144	2155	2214	rVB	3154471	5777322	100.00%	39.227%
40	8.627	2272	2282	2316	rVB2	163148	333691	5.78%	2.266%
41	9.290	2486	2488	2493	rBV3	508	472	0.01%	0.003%
42	9.412	2514	2526	2549	rBV	375598	651737	11.28%	4.425%
43	9.566	2565	2574	2586	rVB	8939	14628	0.25%	0.099%
44	9.685	2595	2611	2625	rBV	62981	111259	1.93%	0.755%
45	9.859	2662	2665	2667	rBV3	576	370	0.01%	0.003%
46	10.013	2709	2713	2714	rBV3	378	306	0.01%	0.002%
47	10.097	2729	2739	2754	rBV2	27080	45077	0.78%	0.306%
48	10.235	2773	2782	2795	rBV	13499	23645	0.41%	0.161%
49	10.402	2831	2834	2836	rBV2	422	298	0.01%	0.002%
50	10.483	2853	2859	2863	rVV3	1954	1876	0.03%	0.013%
51	10.692	2919	2924	2927	rBV3	323	294	0.01%	0.002%
52	10.750	2928	2942	2960	rBV	207672	340017	5.89%	2.309%
53	10.891	2977	2986	2995	rBV3	5407	9549	0.17%	0.065%
54	10.994	3007	3018	3037	rBV2	28595	61018	1.06%	0.414%
55	11.084	3037	3046	3057	rVV2	16888	26909	0.47%	0.183%
56	11.190	3074	3079	3087	rVB4	468	664	0.01%	0.005%
57	11.235	3087	3093	3097	rBV4	431	541	0.01%	0.004%
58	11.287	3097	3109	3121	rBV	21064	33203	0.57%	0.225%
59	11.373	3133	3136	3140	rVB	421	297	0.01%	0.002%
60	11.463	3152	3164	3181	rBV	82514	130164	2.25%	0.884%
61	11.737	3245	3249	3257	rVB5	1166	1452	0.03%	0.010%
62	11.807	3257	3271	3287	rBV	345788	559094	9.68%	3.796%
63	11.891	3288	3297	3309	rVB	33719	54289	0.94%	0.369%
64	12.032	3339	3341	3346	rBV2	324	318	0.01%	0.002%
65	12.090	3348	3359	3377	rBV	27539	47047	0.81%	0.319%
66	12.187	3377	3389	3407	rBV	256502	422521	7.31%	2.869%
67	12.303	3419	3425	3432	rVB3	1155	1628	0.03%	0.011%
68	12.370	3441	3446	3449	rBV3	905	899	0.02%	0.006%
69	12.467	3467	3476	3480	rBV5	2010	2938	0.05%	0.020%
70	12.569	3500	3508	3516	rBV3	3188	4746	0.08%	0.032%
71	12.676	3531	3541	3543	rBV4	2714	3038	0.05%	0.021%
72	12.766	3558	3569	3580	rVB2	3282	4970	0.09%	0.034%
73	12.878	3599	3604	3613	rVB5	838	1194	0.02%	0.008%
74	12.971	3626	3633	3640	rBV5	2312	3217	0.06%	0.022%
75	13.026	3641	3650	3659	rVB3	3397	4929	0.09%	0.033%
76	13.155	3681	3690	3705	rBV3	10515	20781	0.36%	0.141%

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08H4

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\SFAMULM070224WMA.M
Title : VOC Analysis

77	13.286	3725	3731	3732	rBV4	1277	1093	0.02%	0.007%
78	13.338	3745	3747	3752	rVB	452	343	0.01%	0.002%
79	13.447	3771	3781	3796	rVB4	13916	22588	0.39%	0.153%
80	13.624	3828	3836	3840	rVV4	1386	1790	0.03%	0.012%
81	13.772	3880	3882	3886	rBV	438	324	0.01%	0.002%
82	13.833	3897	3901	3904	rBV4	996	897	0.02%	0.006%
83	13.907	3920	3924	3926	rBV2	810	586	0.01%	0.004%
84	14.058	3966	3971	3973	rBV3	462	349	0.01%	0.002%
85	14.106	3973	3986	3996	rBV3	3197	6832	0.12%	0.046%
86	14.328	4052	4055	4057	rBV3	402	290	0.01%	0.002%
87	14.573	4126	4131	4137	rVV3	530	667	0.01%	0.005%
88	14.675	4156	4163	4165	rVV4	1482	1870	0.03%	0.013%
89	14.804	4196	4203	4211	rVB5	1571	2011	0.03%	0.014%
90	14.843	4212	4215	4220	rBV2	365	379	0.01%	0.003%
91	14.872	4220	4224	4226	rBV3	770	560	0.01%	0.004%
92	14.936	4241	4244	4248	rVB3	678	442	0.01%	0.003%
93	15.016	4262	4269	4277	rBV4	3135	4622	0.08%	0.031%
94	15.077	4285	4288	4291	rBV2	401	347	0.01%	0.002%
95	15.126	4298	4303	4304	rBV2	428	389	0.01%	0.003%
96	15.148	4306	4310	4317	rBV3	508	724	0.01%	0.005%
97	15.225	4328	4334	4336	rBV3	1709	1778	0.03%	0.012%
98	15.412	4384	4392	4403	rBV4	4522	7378	0.13%	0.050%
99	15.637	4458	4462	4465	rBV3	502	404	0.01%	0.003%
100	16.167	4624	4627	4629	rBV2	669	471	0.01%	0.003%

Sum of corrected areas: 14727977

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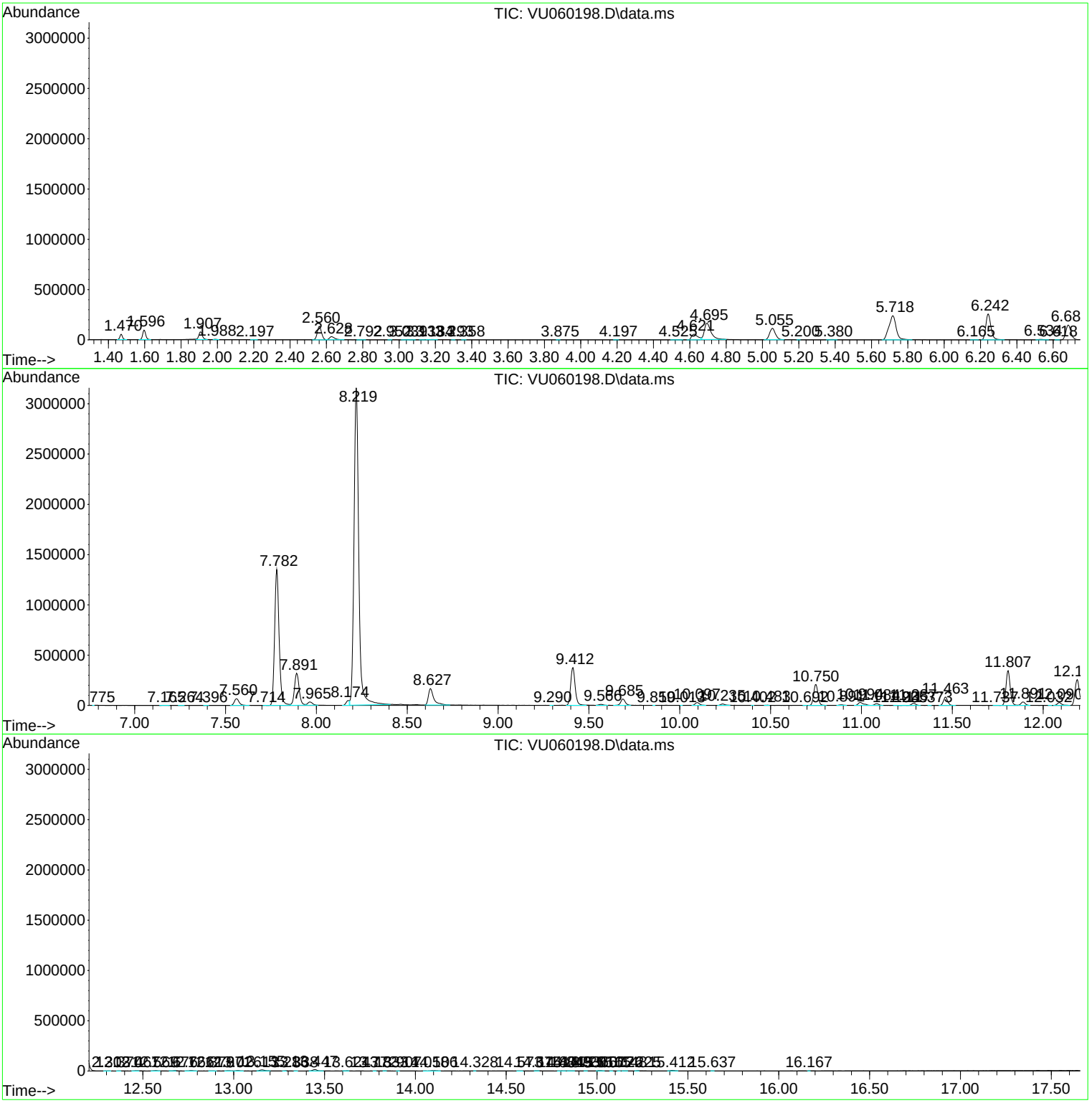
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08H4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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E08H4

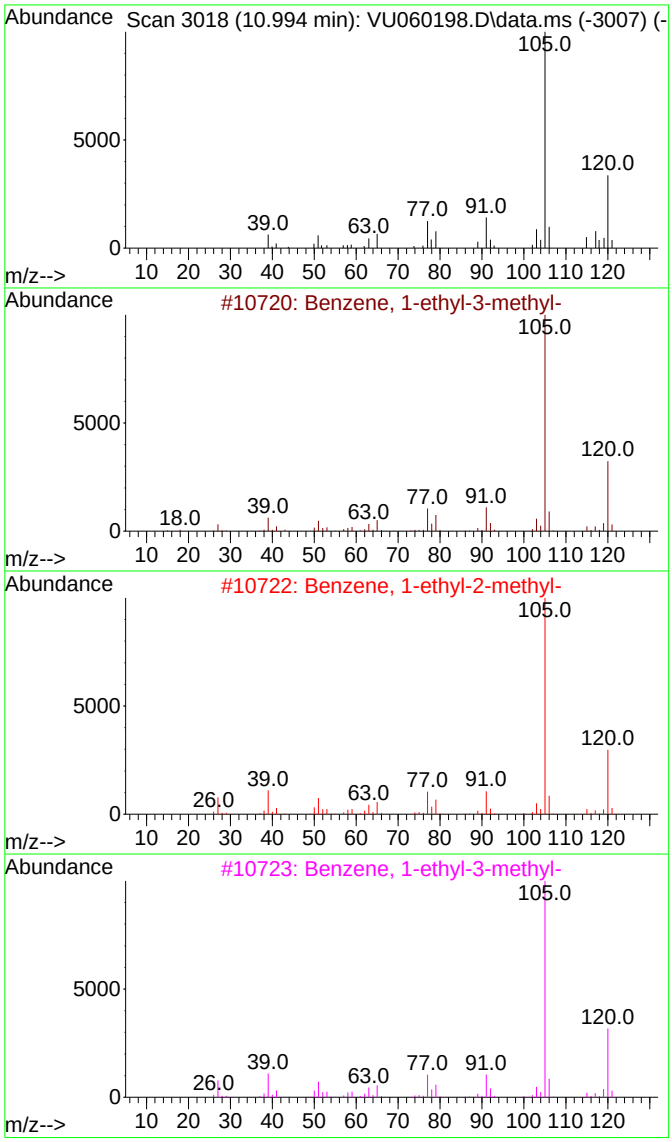
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

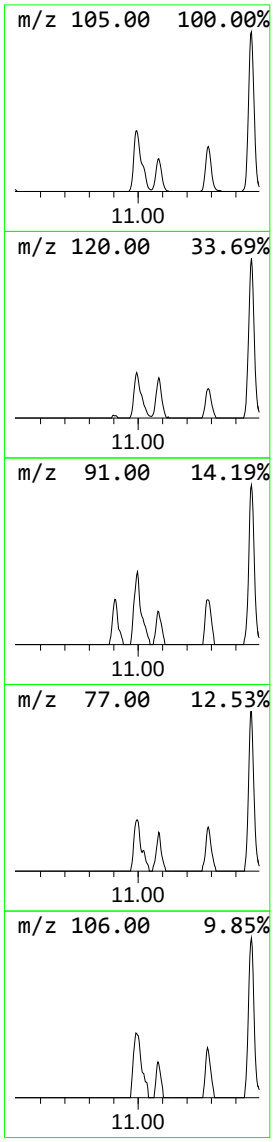
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	5.46 ug/L	61018	1,4-Dichlorobenzene-d4	11.807

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	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Acq On : 26 Jul 2024 02:13
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E08H4

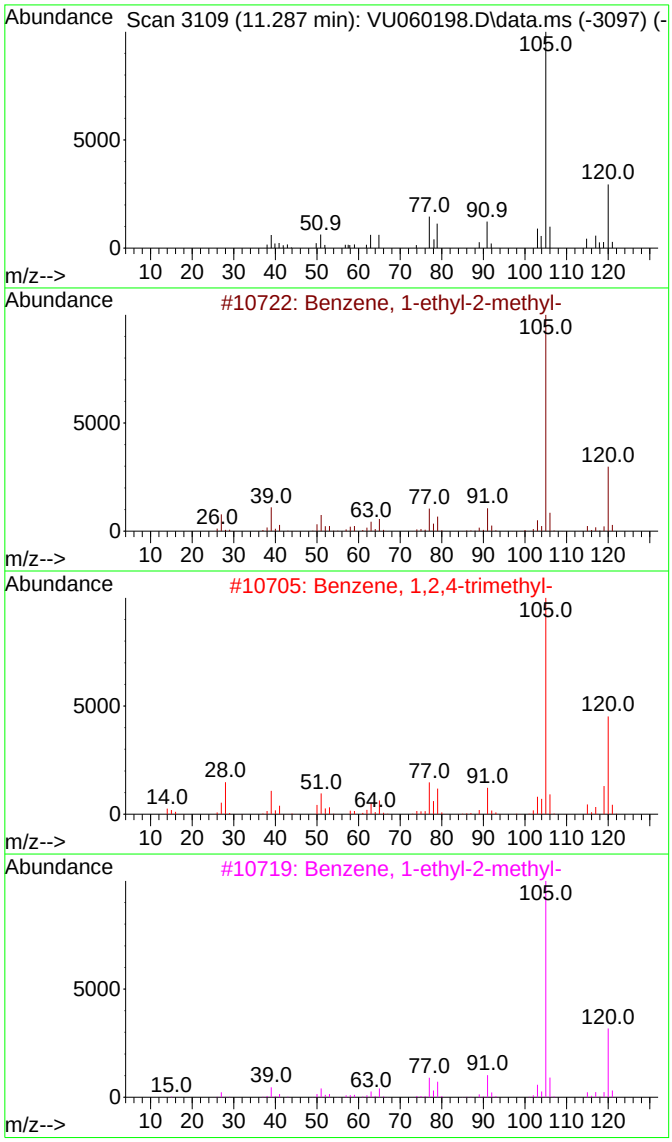
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

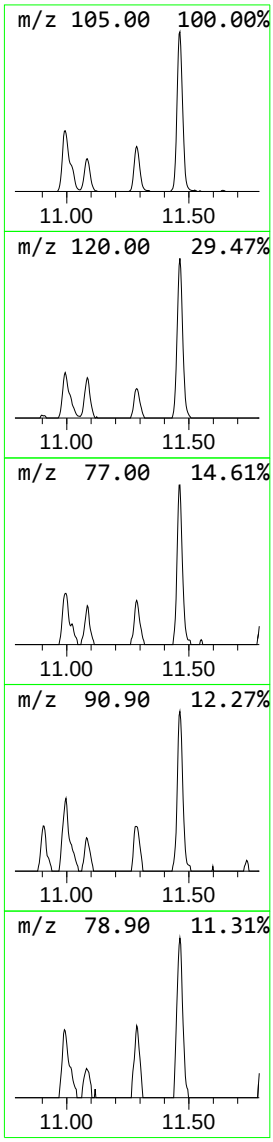
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.287	2.97 ug/L	33203	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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MSVOA_U
ClientSampleId :
E08H4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis

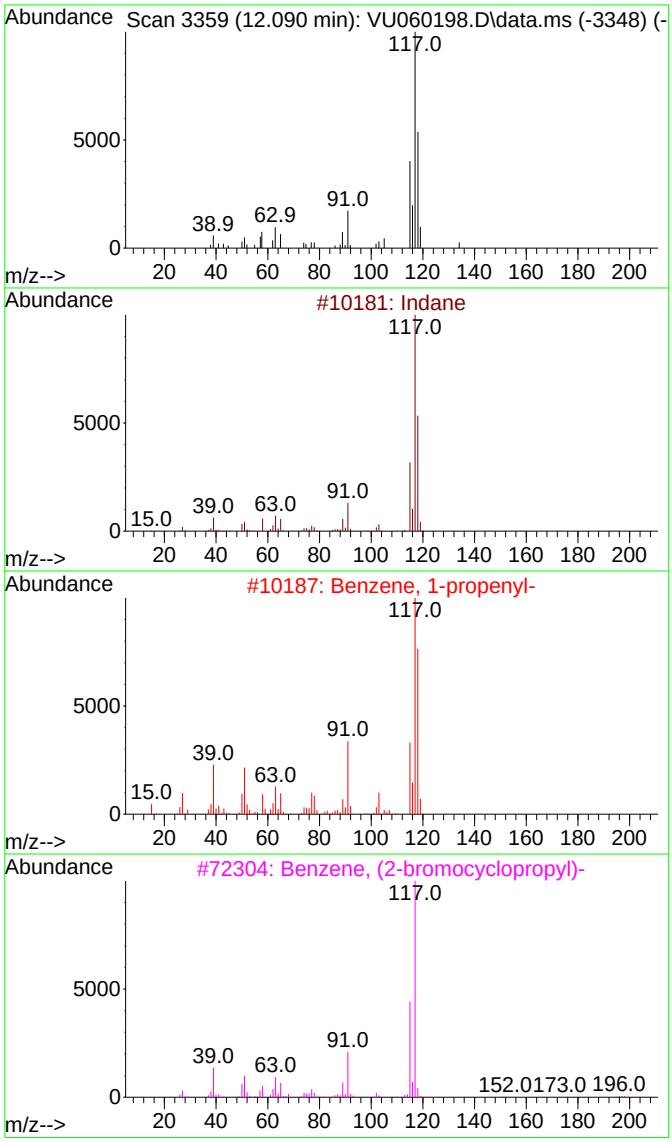
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

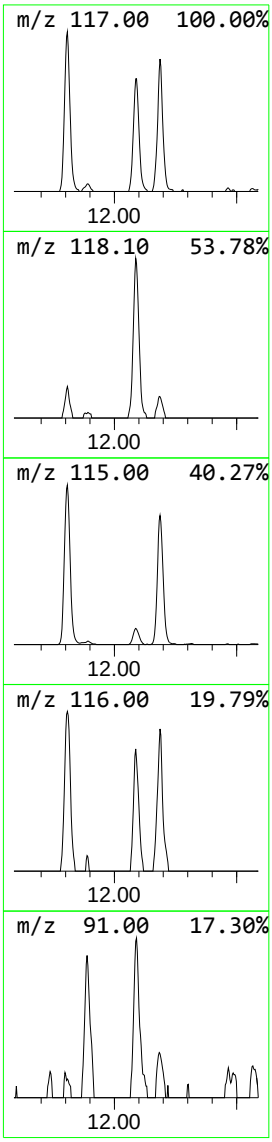
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	4.21 ug/L	47047	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.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...	10.994	5.5	ug/L	61018	3	11.807	559094	50.0
Benzene, 1-ethy...	11.287	3.0	ug/L	33203	3	11.807	559094	50.0
Indane	12.090	4.2	ug/L	47047	3	11.807	559094	50.0