LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

Signal : TIC: VV034865.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	69	75	90	rVB	171367	178149	13.75%	1.616%
2	1.532	147	153	168	rVB	165794	195292	15.08%	1.772%
3	2.063	308	318	332	rBV	284358	420800	32.49%	3.818%
4	2.256	367	378	404	rBV3	7816	25787	1.99%	0.234%
5	2.700	514	516	521	rBV4	845	623	0.05%	0.006%
6	2.783	540	542	545	rBV2	365	220	0.02%	0.002%
7	2.835	555	558	564	rVB2	242	165	0.01%	0.001%
8	2.876	564	571	573	rBV4	709	547	0.04%	0.005%
9	2.941	587	591	594	rVV3	474	448	0.03%	0.004%
10	3.047	619	624	628	rBV2	490	375	0.03%	0.003%
11	3.179	663	665	668	rVV	338	211	0.02%	0.002%
12	3.201	669	672	676	rVV2	442	302	0.02%	0.003%
13	3.227	677	680	683	rVB2	462	261	0.02%	0.002%
14	3.275	692	695	700	rVB2	350	285	0.02%	0.003%
15	3.397	729	733	735	rBV	494	247	0.02%	0.002%
16	3.468	750	755	756	rBV	184	157	0.01%	0.001%
17	3.507	762	767	768	rBV2	352	209	0.02%	0.002%
18	3.584	790	791	793	rBV	261	124	0.01%	0.001%
19	3.626	799	804	808	rBV3	284	257	0.02%	0.002%
20	3.667	808	817	820	rBV4	957	1200	0.09%	0.011%
21	3.738	837	839	841	rBV	444	208	0.02%	0.002%
22	3.790	845	855	892	rBV	107717	321980	24.86%	2.921%
23	4.249	983	998	1034	rBV	209906	537689	41.51%	4.878%
24	4.519	1079	1082	1084	rBV	427	245	0.02%	0.002%
25	4.555	1089	1093	1094	rBV3	754	522	0.04%	0.005%
26	4.638	1118	1119	1122	rVB2	731	266	0.02%	0.002%
27	4.716	1139	1143	1144	rBV2	217	142	0.01%	0.001%
28	4.806	1167	1171	1174	rBV3	751	535	0.04%	0.005%
29	4.870	1189	1191	1195	rVB3	302	159	0.01%	0.001%
30	4.957	1199	1218	1253	rBV2	480265	1295270	100.00%	11.751%
31	5.384	1348	1351	1354	rVB4	453	305	0.02%	0.003%
32	5.468	1375	1377	1380	rBV4	551	290	0.02%	0.003%
33	5.535	1387	1398	1425	rBV	396053	821853	63.45%	7.456%
34	5.934	1521	1522	1525	rVB2	371	151	0.01%	0.001%
35	5.989	1525	1539	1571	rBV	297114	619747	47.85%	5.622%
36	6.246	1617	1619	1623	rBV3	741	449	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

37	6.320	1639	1642	1643	rBV2	435	208	0.02%	0.002%
38	6.359	1649	1654	1657	rBV3	680	658	0.05%	0.006%
39	6.442	1676	1680	1683	rBV2	505	324	0.03%	0.003%
40	6.458	1683	1685	1689	rVV3	375	196	0.02%	0.002%
41	6.513	1697	1702	1704	rBV3	574	519	0.04%	0.005%
42	6.738	1767	1772	1777	rVB4	362	466	0.04%	0.004%
43	6.796	1786	1790	1793	rVB2	351	228	0.02%	0.002%
44	6.825	1796	1799	1802	rVB3	526	340	0.03%	0.003%
45	6.841	1802	1804	1806	rBV	238	128	0.01%	0.001%
46	6.854	1806	1808	1816	rVB3	322	336	0.03%	0.003%
47	6.915	1816	1827	1862	rBV	146116	289796	22.37%	2.629%
48	7.243	1918	1929	1951	rBV	532631	937292	72.36%	8.503%
49	7.555	2017	2026	2048	rBV	101508	191323	14.77%	1.736%
50	7.860	2117	2121	2124	rBV4	844	832	0.06%	0.008%
51	7.921	2138	2140	2144	rVB3	548	444	0.03%	0.004%
52	7.947	2144	2148	2150	rBV2	314	258	0.02%	0.002%
53	8.024	2163	2172	2207	rBV	339810	677160	52.28%	6.143%
54	8.571	2340	2342	2344	rVB2	611	169	0.01%	0.002%
55	8.616	2353	2356	2357	rBV	470	236	0.02%	0.002%
56	8.719	2384	2388	2391	rBV3	426	323	0.02%	0.003%
57	8.783	2397	2408	2445	rBV	632948	1071927	82.76%	9.725%
58	9.166	2523	2527	2529	rBV	648	530	0.04%	0.005%
59	9.243	2549	2551	2556	rBV4	818	540	0.04%	0.005%
60	9.490	2622	2628	2638	rVB5	2471	3071	0.24%	0.028%
61	9.574	2651	2654	2656	rBV3	267	173	0.01%	0.002%
62	9.596	2659	2661	2662	rBV	875	437	0.03%	0.004%
63	9.735	2695	2704	2715	rBV9	4170	8673	0.67%	0.079%
64	9.809	2725	2727	2731	rBV5	687	541	0.04%	0.005%
65	9.850	2738	2740	2742	rBV3	769	427	0.03%	0.004%
66	9.963	2773	2775	2779	rBV2	463	380	0.03%	0.003%
67	10.021	2790	2793	2798	rBV2	472	426	0.03%	0.004%
68	10.059	2798	2805	2814	rVV9	3986	5516	0.43%	0.050%
69	10.153	2822	2834	2863	rBV	462478	741679	57.26%	6.729%
70	10.301	2876	2880	2881	rBV3	1007	789	0.06%	0.007%
71	10.503	2933	2943	2954	rBV6	16709	28127	2.17%	0.255%
72	10.635	2982	2984	2985	rBV	536	248	0.02%	0.002%
73	10.747	3016	3019	3023	rBV4	508	454	0.04%	0.004%
74	10.857	3049	3053	3060	rBV7	1698	2590	0.20%	0.023%
75	10.944	3076	3080	3082	rBV2	1245	970	0.07%	0.009%
76	10.995	3088	3096	3100	rBV3	7759	10563	0.82%	0.096%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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\SFAMVLM032624WMA.M
Title : VOC Analysis

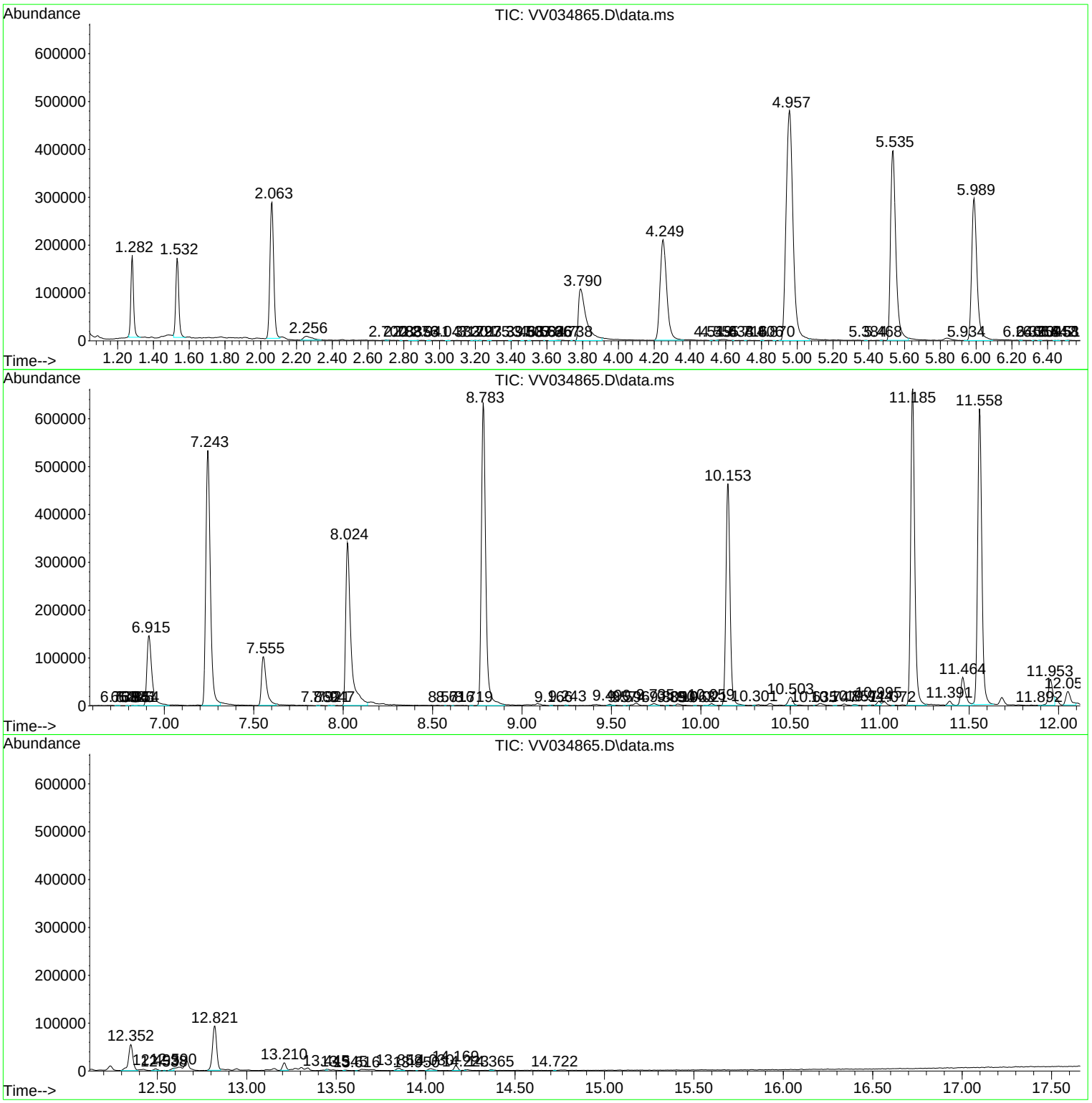
77	11.072	3118	3120	3123	rBV3	513	430	0.03%	0.004%
78	11.185	3143	3155	3179	rBV	661339	1037065	80.07%	9.408%
79	11.391	3212	3219	3231	rVB3	8854	13221	1.02%	0.120%
80	11.464	3231	3242	3258	rBV	58928	106028	8.19%	0.962%
81	11.558	3261	3271	3296	rVB	617850	1000771	77.26%	9.079%
82	11.892	3373	3375	3378	rBV2	425	330	0.03%	0.003%
83	11.953	3379	3394	3402	rBV	54184	91833	7.09%	0.833%
84	12.053	3416	3425	3439	rBV2	28018	53631	4.14%	0.487%
85	12.352	3500	3518	3530	rBV	54678	94353	7.28%	0.856%
86	12.493	3553	3562	3570	rVB7	3697	5462	0.42%	0.050%
87	12.538	3574	3576	3579	rVB3	880	374	0.03%	0.003%
88	12.590	3582	3592	3593	rBV6	5162	6032	0.47%	0.055%
89	12.821	3651	3664	3674	rBV2	92568	150498	11.62%	1.365%
90	13.210	3777	3785	3792	rBV3	15594	21741	1.68%	0.197%
91	13.445	3855	3858	3860	rBV3	1918	1375	0.11%	0.012%
92	13.545	3886	3889	3891	rBV2	934	636	0.05%	0.006%
93	13.616	3908	3911	3912	rBV	563	347	0.03%	0.003%
94	13.853	3975	3985	3995	rBV7	4732	8644	0.67%	0.078%
95	13.950	4013	4015	4017	rBV2	458	207	0.02%	0.002%
96	14.030	4030	4040	4050	rBV6	4268	8371	0.65%	0.076%
97	14.169	4076	4083	4092	rVB	10611	13997	1.08%	0.127%
98	14.223	4097	4100	4101	rBV3	1383	797	0.06%	0.007%
99	14.365	4141	4144	4150	rBV6	1301	1405	0.11%	0.013%
100	14.722	4252	4255	4258	rBV3	681	484	0.04%	0.004%

Sum of corrected areas: 11022799

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

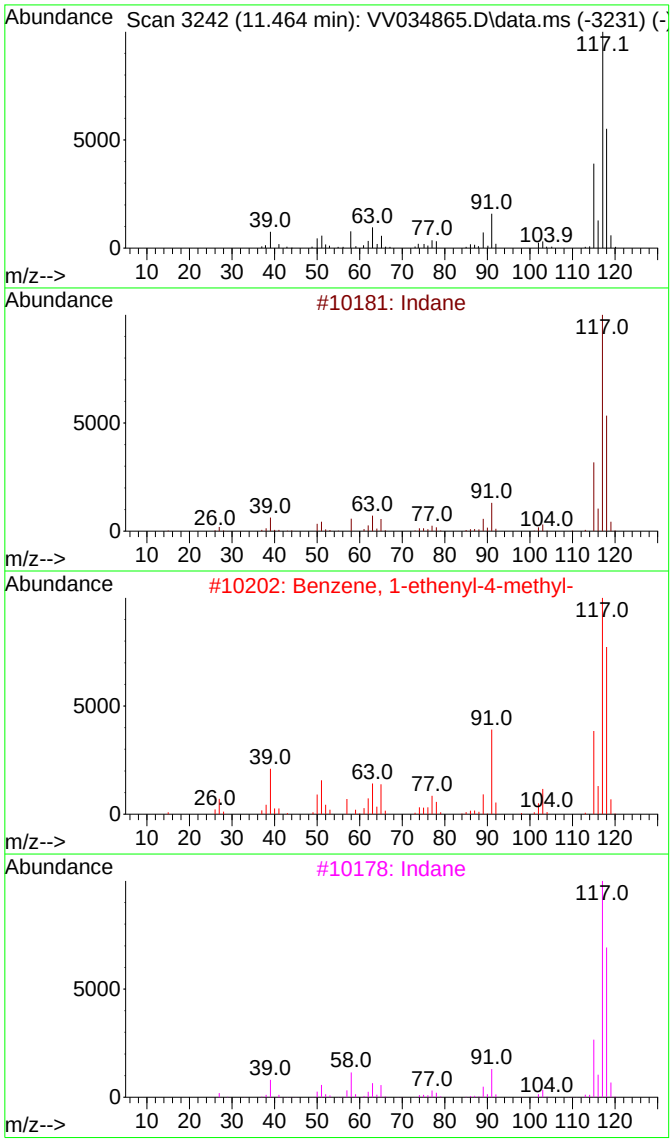
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

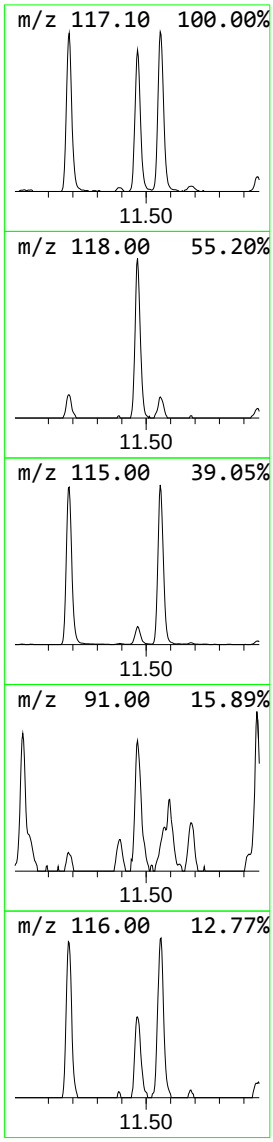
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.464	5.11 ug/L	106028	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
3	Indane	118	C9H10	000496-11-7	76
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

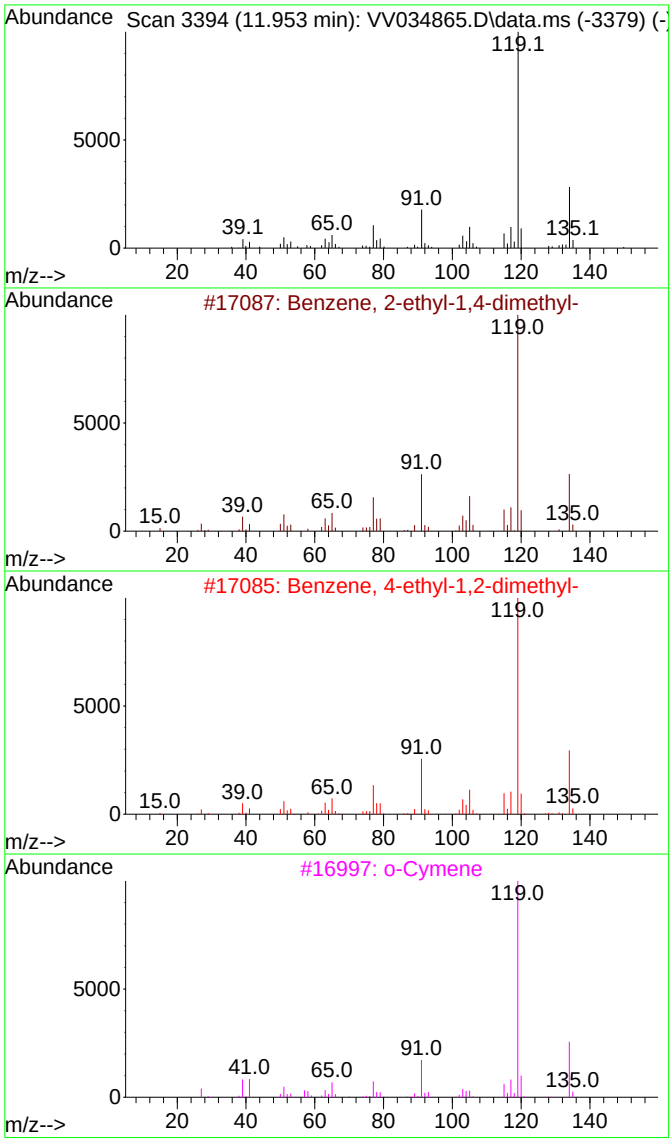
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

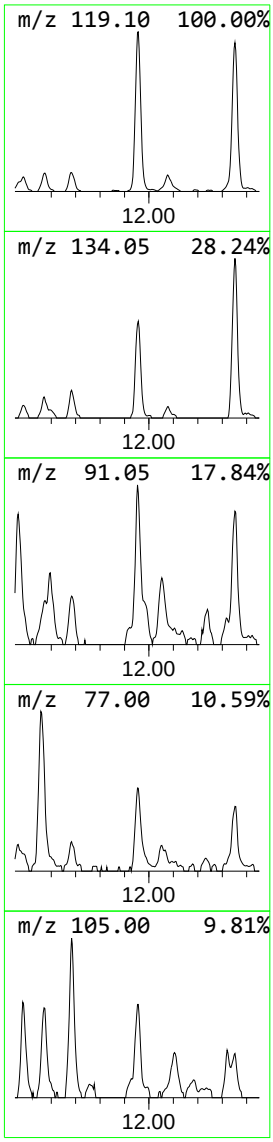
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.953	4.43 ug/L	91833	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

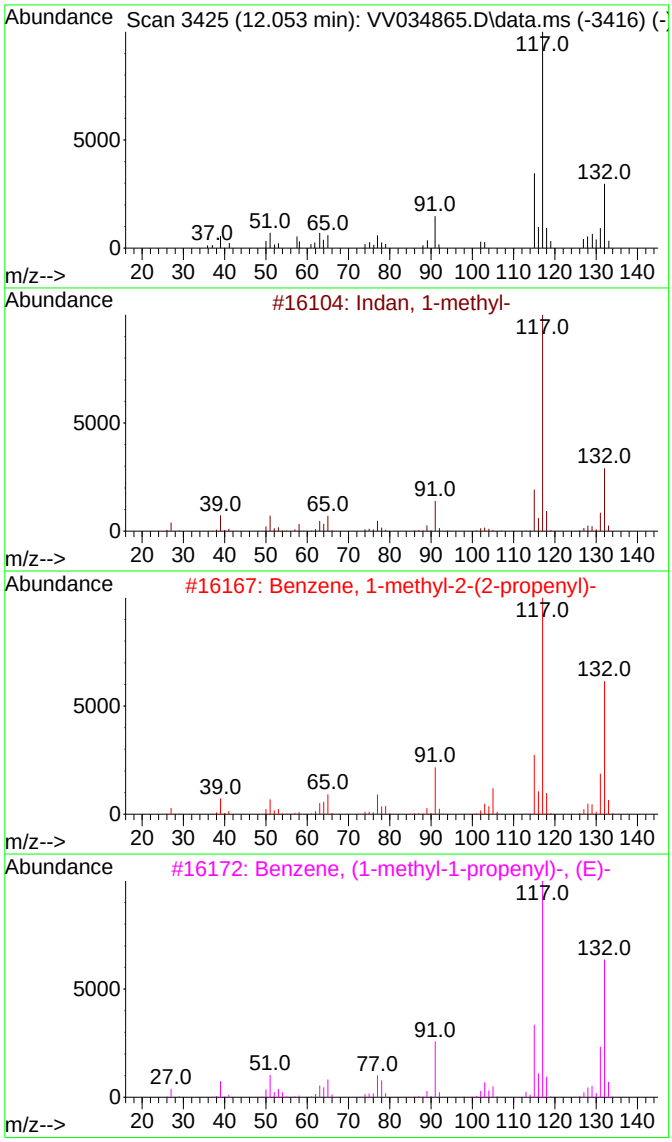
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

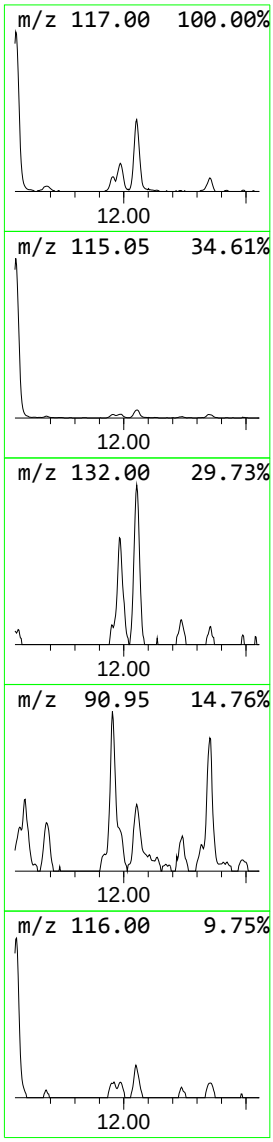
****

Peak Number 4 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.053	2.59 ug/L	53631	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

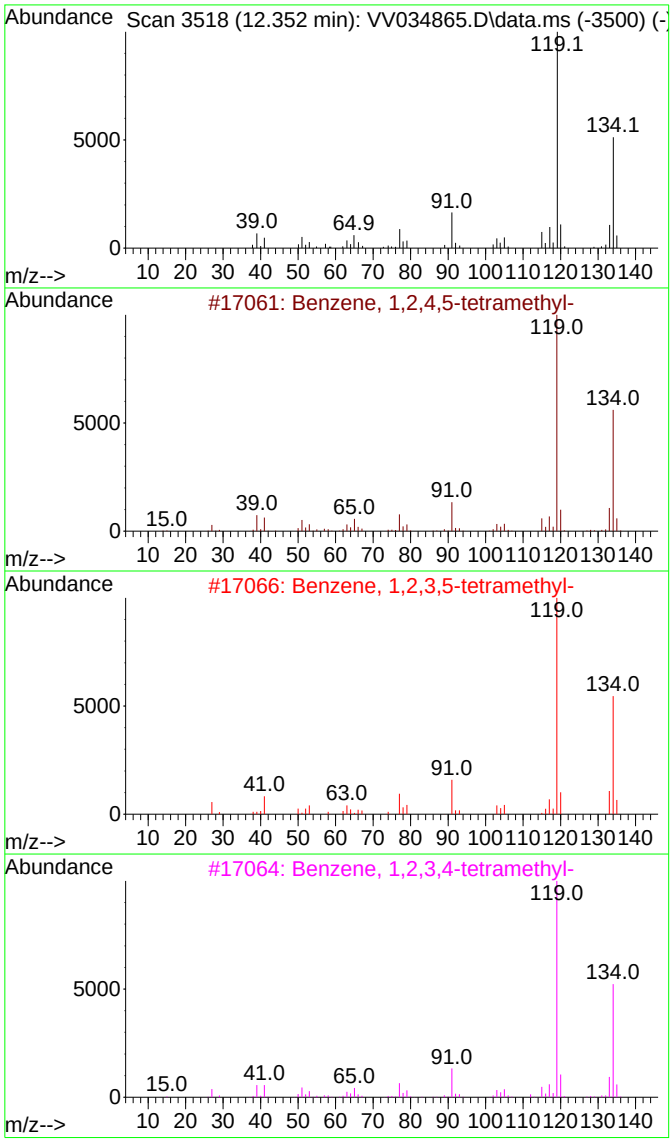
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

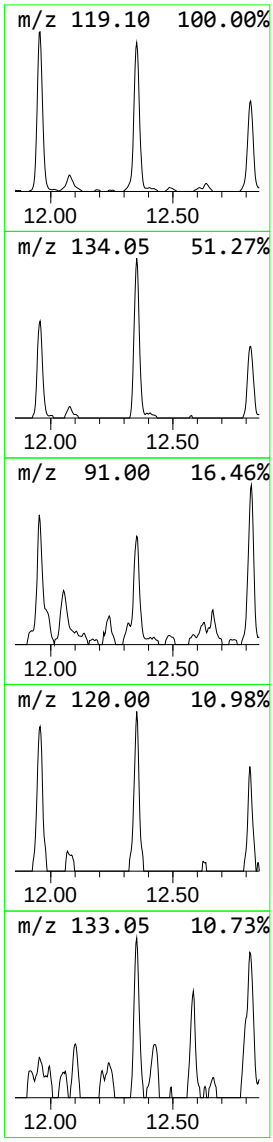
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.352	4.55 ug/L	94353	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

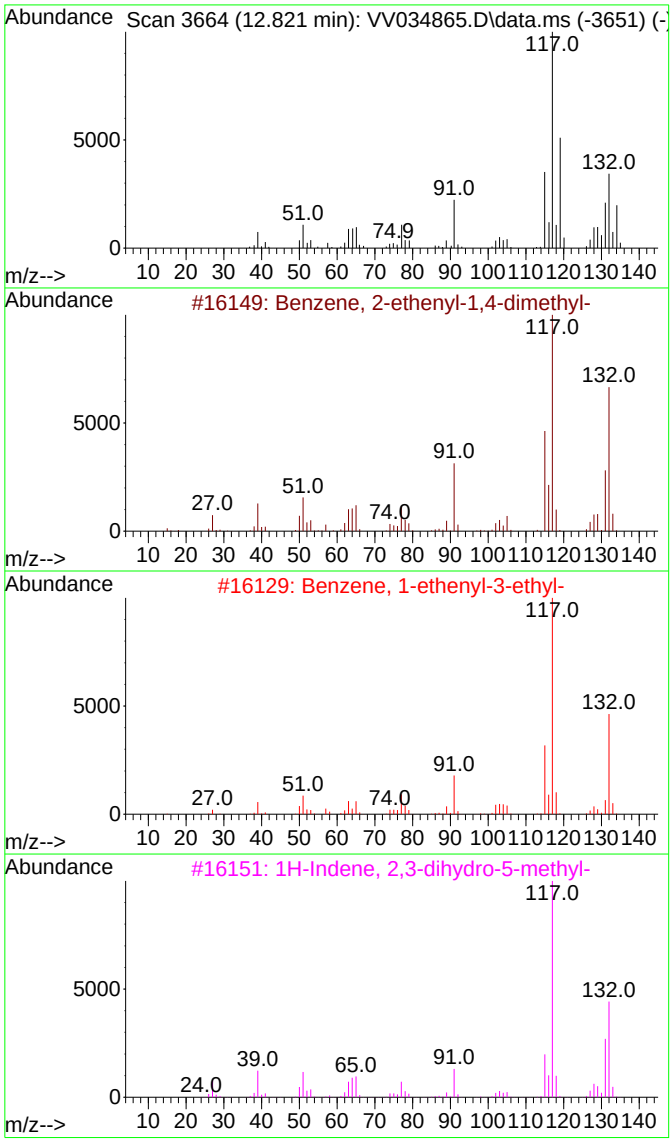
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

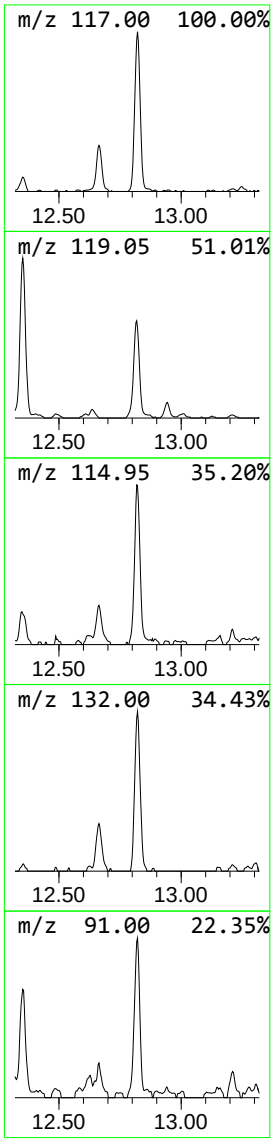
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	7.26 ug/L	150498	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
Data File : VV034865.D
Acq On : 27 Mar 2024 15:17
Operator : SY/MD
Sample : P1851-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.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
Indane	11.464	5.1	ug/L	106028	3	11.185	1037070	50.0
Benzene, 2-ethy...	11.953	4.4	ug/L	91833	3	11.185	1037070	50.0
Indan, 1-methyl-	12.053	2.6	ug/L	53631	3	11.185	1037070	50.0
Benzene, 1,2,4,...	12.352	4.5	ug/L	94353	3	11.185	1037070	50.0
Benzene, 2-ethe...	12.821	7.3	ug/L	150498	3	11.185	1037070	50.0