LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

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\SFAMVLM082721WMA.M
Title : VOC Analysis

Signal : TIC: VV022110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	96	rBV	122439	124801	2.12%	0.794%
2	1.564	156	163	174	rBV	110171	127563	2.16%	0.812%
3	2.105	322	331	359	rVB	225763	337474	5.73%	2.148%
4	2.349	405	407	410	rBV3	475	275	0.00%	0.002%
5	2.478	444	447	449	rBV3	628	320	0.01%	0.002%
6	2.638	496	497	502	rVB2	630	403	0.01%	0.003%
7	2.667	502	506	507	rBV2	312	223	0.00%	0.001%
8	2.690	511	513	518	rVV2	304	183	0.00%	0.001%
9	2.757	529	534	535	rBV3	689	534	0.01%	0.003%
10	2.896	575	577	579	rBV2	299	171	0.00%	0.001%
11	2.957	591	596	597	rBV2	190	170	0.00%	0.001%
12	2.970	597	600	604	rVV2	517	447	0.01%	0.003%
13	3.400	731	734	741	rVB3	411	420	0.01%	0.003%
14	3.619	800	802	805	rVV	363	177	0.00%	0.001%
15	3.896	877	888	922	rBV2	80156	257328	4.37%	1.638%
16	4.352	1013	1030	1057	rBV	169363	421246	7.15%	2.681%
17	4.568	1094	1097	1100	rVB3	596	450	0.01%	0.003%
18	4.722	1140	1145	1147	rVB2	555	480	0.01%	0.003%
19	4.741	1147	1151	1153	rBV	297	208	0.00%	0.001%
20	4.857	1182	1187	1188	rBV	298	195	0.00%	0.001%
21	4.892	1195	1198	1201	rBV	283	176	0.00%	0.001%
22	4.973	1220	1223	1228	rVB	305	181	0.00%	0.001%
23	5.047	1228	1246	1275	rBV3	412638	1045882	17.74%	6.655%
24	5.429	1363	1365	1370	rVB4	355	213	0.00%	0.001%
25	5.619	1412	1424	1449	rBV	388944	778015	13.20%	4.951%
26	5.908	1504	1514	1532	rVB5	7601	16597	0.28%	0.106%
27	6.072	1551	1565	1595	rVV	236341	484286	8.22%	3.082%
28	6.272	1626	1627	1634	rVV3	269	225	0.00%	0.001%
29	6.307	1636	1638	1640	rVV2	330	161	0.00%	0.001%
30	6.330	1643	1645	1648	rVB3	328	158	0.00%	0.001%
31	6.378	1655	1660	1664	rBV2	390	350	0.01%	0.002%
32	6.452	1679	1683	1684	rBV2	254	165	0.00%	0.001%
33	6.510	1699	1701	1704	rVB3	360	182	0.00%	0.001%
34	6.548	1706	1713	1714	rBV3	521	440	0.01%	0.003%
35	6.658	1743	1747	1750	rBV2	604	540	0.01%	0.003%
36	6.776	1780	1784	1787	rBV2	251	206	0.00%	0.001%

LSC Area Percent Report

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Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

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\SFAMVLM082721WMA.M
Title : VOC Analysis

37	6.863	1808	1811	1812	rBV	328	163	0.00%	0.001%
38	6.902	1820	1823	1827	rBV	280	205	0.00%	0.001%
39	6.989	1839	1850	1875	rBV	118537	219928	3.73%	1.400%
40	7.185	1909	1911	1913	rBV	361	190	0.00%	0.001%
41	7.272	1934	1938	1939	rBV2	336	216	0.00%	0.001%
42	7.317	1939	1952	1971	rBV	471673	823607	13.97%	5.241%
43	7.574	2029	2032	2037	rVB4	581	471	0.01%	0.003%
44	7.625	2037	2048	2072	rBV	81560	146437	2.48%	0.932%
45	7.844	2114	2116	2123	rVB3	611	488	0.01%	0.003%
46	7.876	2124	2126	2130	rBV	318	257	0.00%	0.002%
47	7.928	2139	2142	2143	rBV2	497	310	0.01%	0.002%
48	7.937	2143	2145	2154	rVB6	1378	1393	0.02%	0.009%
49	8.008	2164	2167	2169	rBV3	220	155	0.00%	0.001%
50	8.037	2175	2176	2180	rVB	452	193	0.00%	0.001%
51	8.092	2182	2193	2233	rBV	290013	543324	9.22%	3.457%
52	8.481	2312	2314	2317	rBV2	335	213	0.00%	0.001%
53	8.799	2409	2413	2414	rBV2	248	174	0.00%	0.001%
54	8.854	2417	2430	2459	rBV	574131	928893	15.76%	5.911%
55	9.108	2505	2509	2511	rBV2	258	217	0.00%	0.001%
56	9.149	2513	2522	2538	rVB	17002	29387	0.50%	0.187%
57	9.227	2544	2546	2549	rBV2	394	199	0.00%	0.001%
58	9.352	2582	2585	2589	rBV3	204	168	0.00%	0.001%
59	9.551	2639	2647	2655	rBV2	4243	6670	0.11%	0.042%
60	9.632	2667	2672	2675	rBV2	276	201	0.00%	0.001%
61	9.796	2719	2723	2725	rBV3	394	298	0.01%	0.002%
62	9.837	2730	2736	2740	rBV2	418	462	0.01%	0.003%
63	9.937	2757	2767	2777	rBV2	4628	7303	0.12%	0.046%
64	10.046	2799	2801	2805	rBV2	245	176	0.00%	0.001%
65	10.127	2821	2826	2837	rVB6	1483	2683	0.05%	0.017%
66	10.175	2837	2841	2842	rBV2	346	241	0.00%	0.002%
67	10.217	2842	2854	2877	rBV	349145	548192	9.30%	3.488%
68	10.345	2890	2894	2895	rBV2	300	213	0.00%	0.001%
69	10.358	2895	2898	2901	rBV2	1126	845	0.01%	0.005%
70	10.535	2950	2953	2956	rBV2	684	571	0.01%	0.004%
71	10.712	3004	3008	3009	rBV	342	197	0.00%	0.001%
72	10.741	3010	3017	3027	rVV	9057	13537	0.23%	0.086%
73	10.808	3036	3038	3041	rBV	220	167	0.00%	0.001%
74	10.918	3064	3072	3083	rBV3	4750	6382	0.11%	0.041%
75	11.024	3103	3105	3108	rBV	344	195	0.00%	0.001%
76	11.088	3121	3125	3131	rBV2	517	544	0.01%	0.003%

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Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

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\SFAMVLM082721WMA.M
Title : VOC Analysis

77	11.198	3152	3159	3164	rBV5	652	975	0.02%	0.006%
78	11.249	3164	3175	3195	rBV	567690	878853	14.91%	5.593%
79	11.529	3249	3262	3281	rBV	3963879	5894635	100.00%	37.510%
80	11.625	3282	3292	3316	rVB	513447	810557	13.75%	5.158%
81	12.021	3406	3415	3418	rBV2	10287	13698	0.23%	0.087%
82	12.117	3435	3445	3459	rVB	57723	92094	1.56%	0.586%
83	12.371	3515	3524	3525	rBV2	927	1100	0.02%	0.007%
84	12.416	3530	3538	3546	rVV2	7970	11881	0.20%	0.076%
85	12.599	3591	3595	3596	rBV	493	295	0.01%	0.002%
86	12.644	3603	3609	3618	rBV5	1332	1641	0.03%	0.010%
87	12.728	3624	3635	3654	rVB	96818	144409	2.45%	0.919%
88	12.886	3672	3684	3696	rBV	195075	293804	4.98%	1.870%
89	13.050	3726	3735	3751	rVB3	28104	45319	0.77%	0.288%
90	13.214	3780	3786	3796	rBV3	3949	6310	0.11%	0.040%
91	13.275	3799	3805	3811	rVB6	3753	4969	0.08%	0.032%
92	13.509	3869	3878	3886	rBV	14310	22780	0.39%	0.145%
93	13.914	3996	4004	4010	rBV4	5193	7382	0.13%	0.047%
94	14.098	4051	4061	4062	rBV4	6879	9244	0.16%	0.059%
95	14.297	4115	4123	4134	rVB4	15915	25218	0.43%	0.160%
96	14.435	4159	4166	4177	rVB8	4024	5869	0.10%	0.037%
97	14.580	4203	4211	4224	rVB2	28140	42715	0.72%	0.272%
98	14.818	4274	4285	4301	rBV	234479	380190	6.45%	2.419%
99	15.815	4589	4595	4603	rBV4	8889	11726	0.20%	0.075%
100	16.487	4795	4804	4821	rVB	79381	122678	2.08%	0.781%

Sum of corrected areas: 15714652

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Acq On : 07 Sep 2021 19:01
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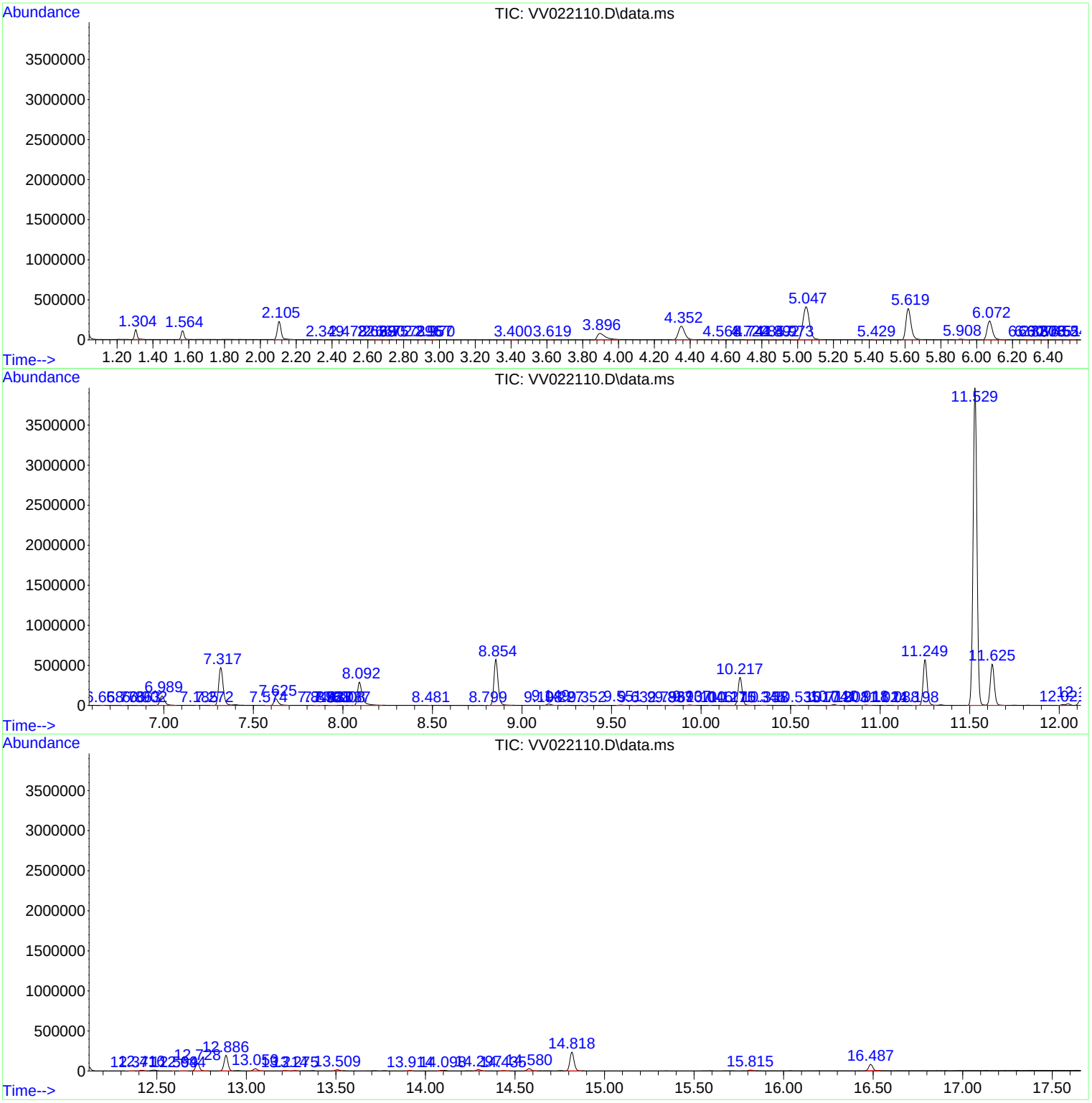
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

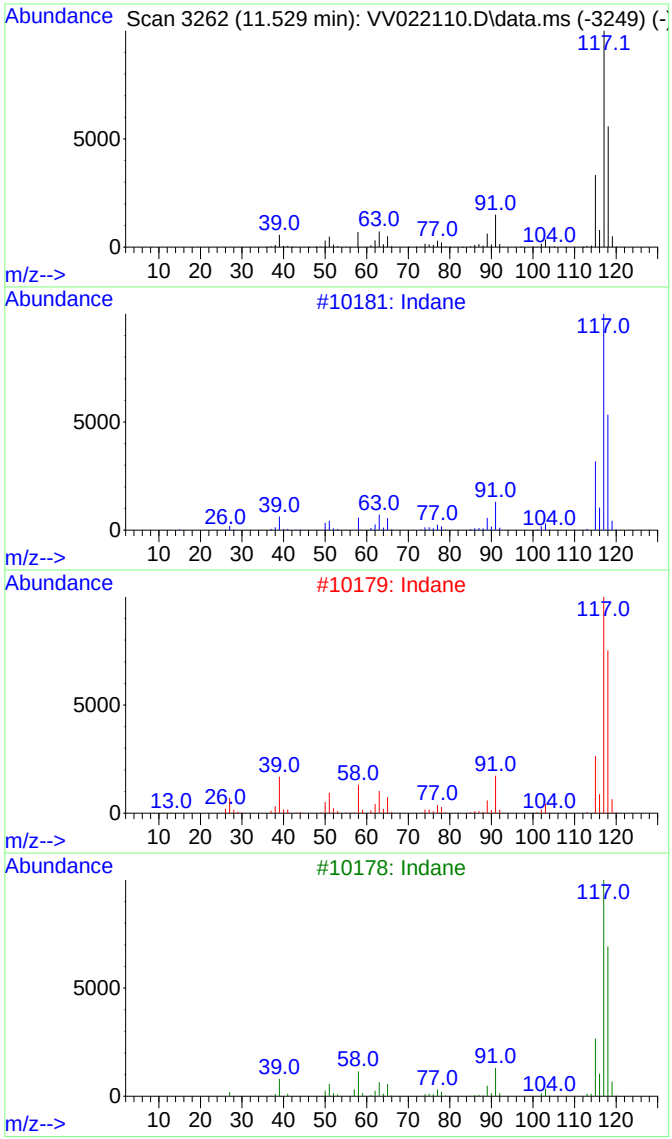
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

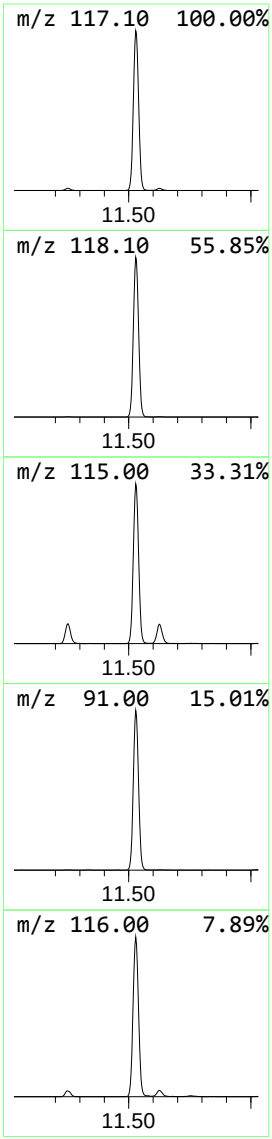
****

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	335.36 ug/L	5894640	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

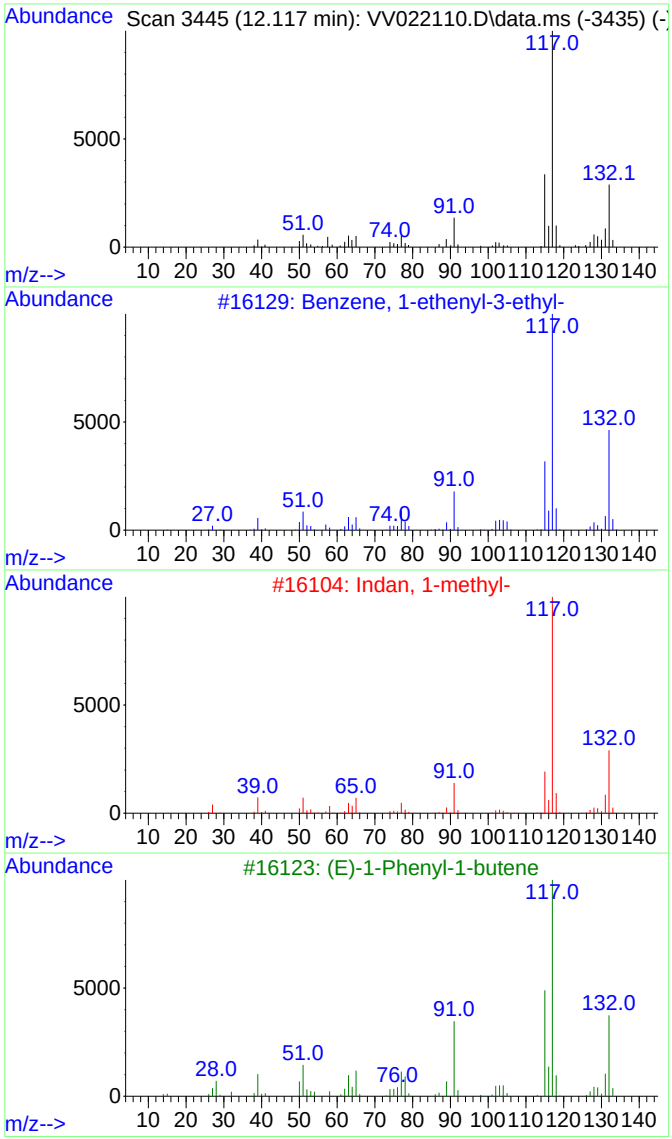
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

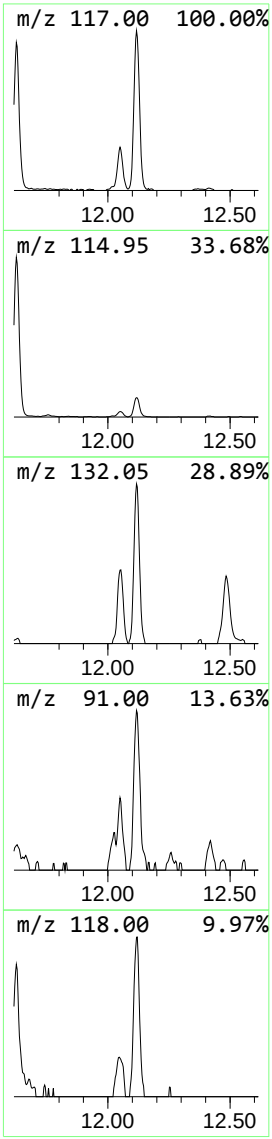
****

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	5.24 ug/L	92094	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

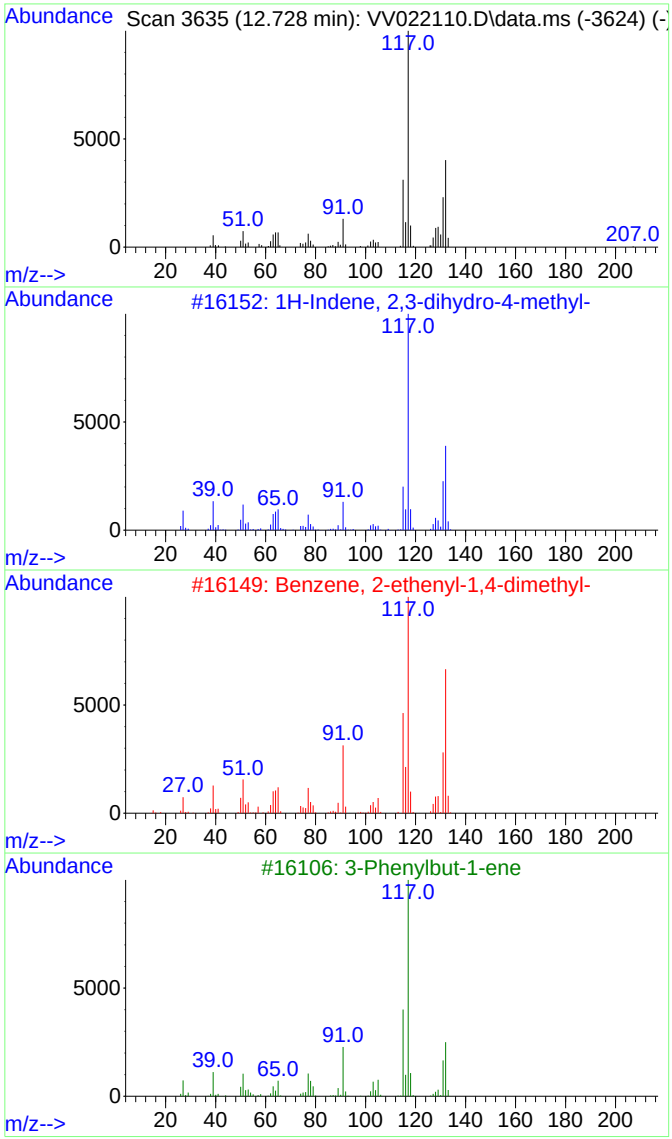
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

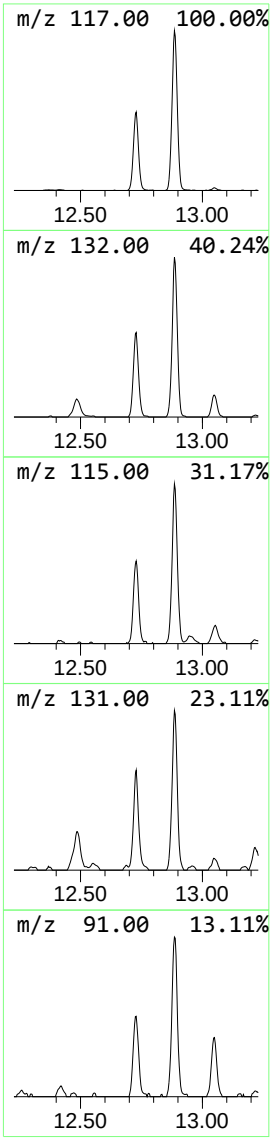
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	8.22 ug/L	144409	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83





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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

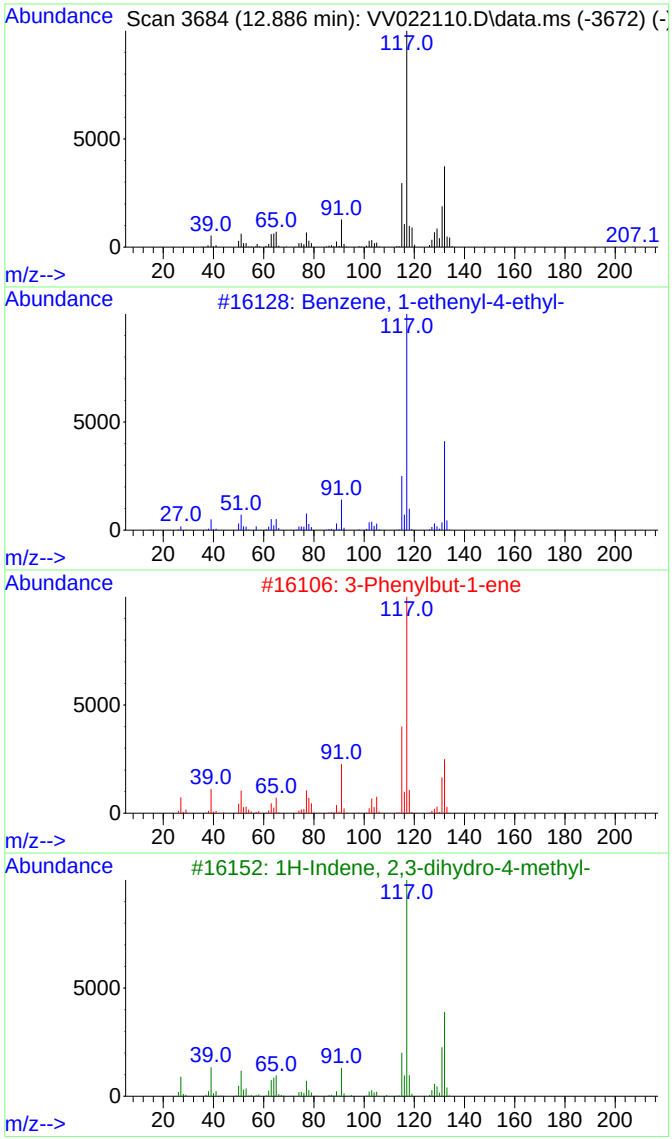
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

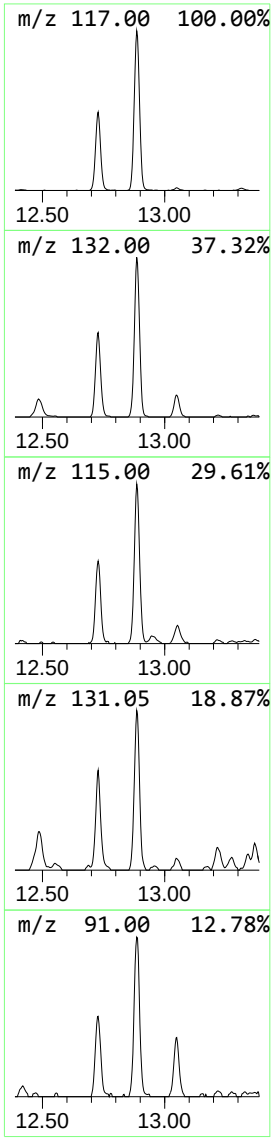
****

Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	16.72 ug/L	293804	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





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Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

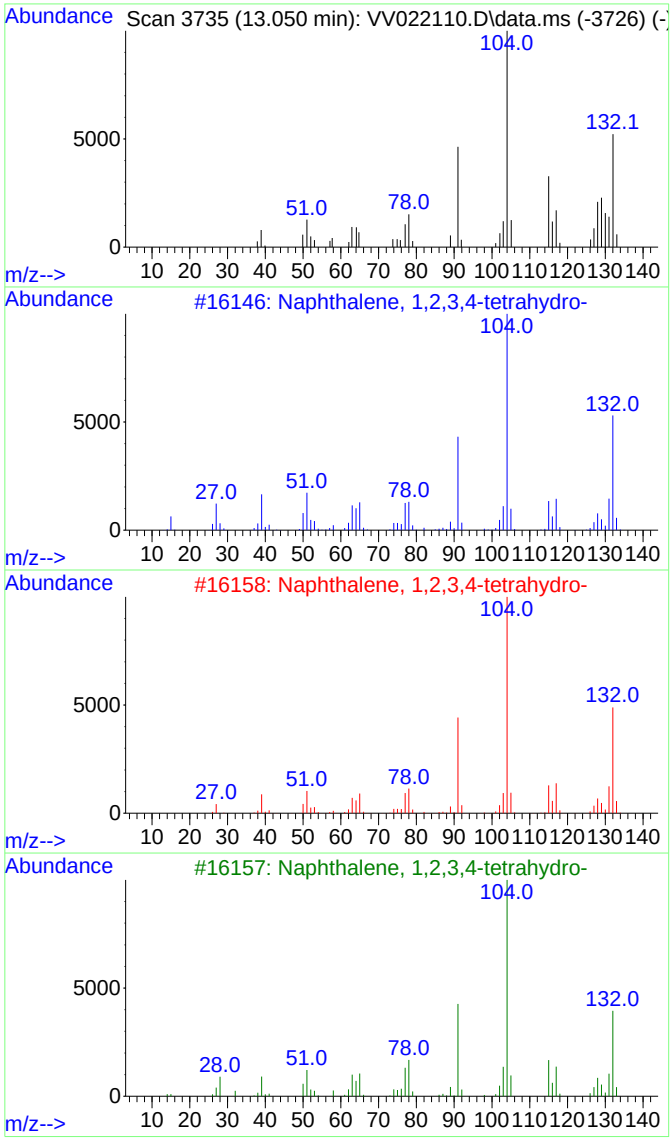
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

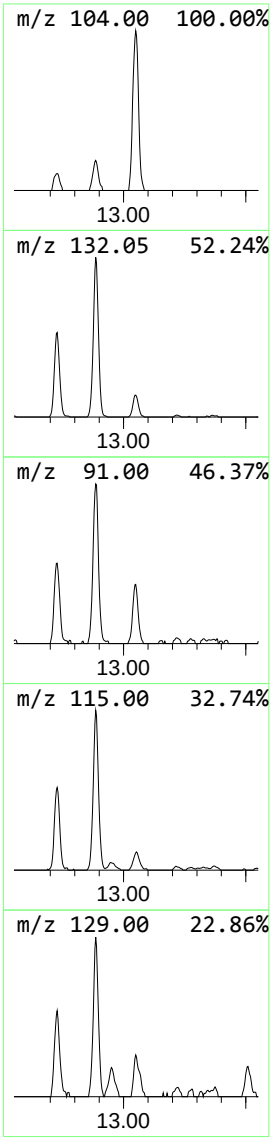
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	2.58 ug/L	45319	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	92
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

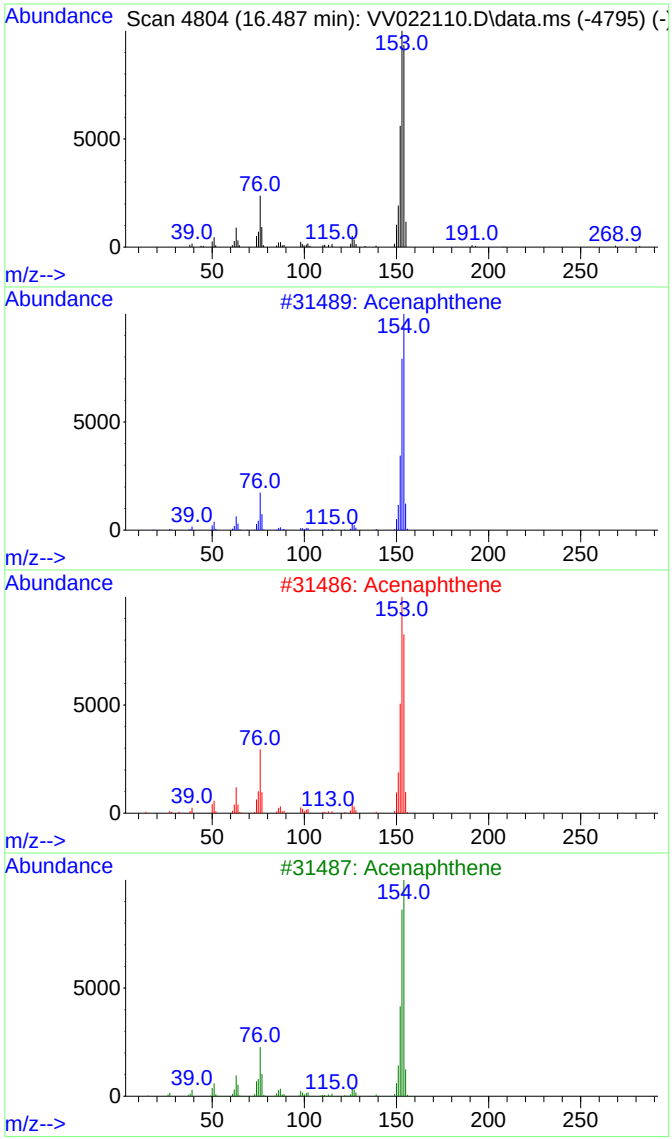
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

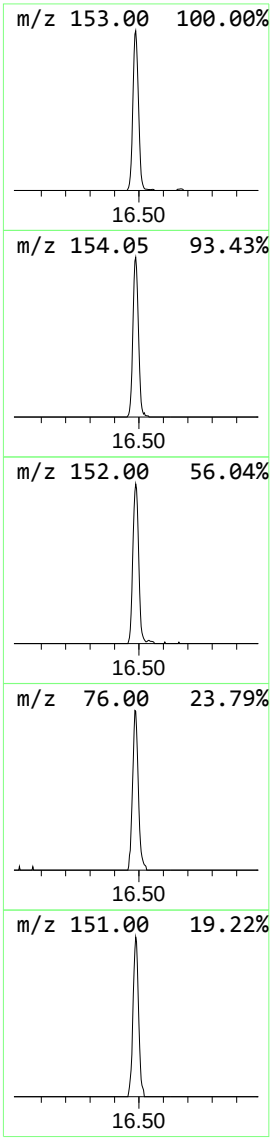
****

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	6.98 ug/L	122678	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	Acenaphthene	154	C12H10	000083-32-9	89
3	Acenaphthene	154	C12H10	000083-32-9	81
4	Acenaphthene	154	C12H10	000083-32-9	59
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
Data File : VV022110.D
Acq On : 07 Sep 2021 19:01
Operator : SY/MD
Sample : M3651-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKM0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.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	11.529	335.4	ug/L	5894640	3	11.252	878853	50.0
Benzene, 1-ethe...	12.117	5.2	ug/L	92094	3	11.252	878853	50.0
1H-Indene, 2,3-...	12.728	8.2	ug/L	144409	3	11.252	878853	50.0
Benzene, 1-ethe...	12.886	16.7	ug/L	293804	3	11.252	878853	50.0
Naphthalene, 1,...	13.050	2.6	ug/L	45319	3	11.252	878853	50.0
Naphthalene, 2-...	16.487	7.0	ug/L	122678	3	11.252	878853	50.0