LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022081.D
Acq On : 02 Sep 2021 17:23
Operator : SY/MD
Sample : M3608-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

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: VV022081.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	97	rVB	161346	160621	12.54%	1.374%
2	1.564	157	163	180	rVB	131547	150768	11.77%	1.290%
3	2.105	322	331	357	rVB	283542	419647	32.75%	3.591%
4	2.384	415	418	419	rBV	486	282	0.02%	0.002%
5	2.561	471	473	478	rBV2	424	336	0.03%	0.003%
6	2.622	488	492	495	rBV3	548	425	0.03%	0.004%
7	2.751	529	532	533	rBV	396	209	0.02%	0.002%
8	2.879	568	572	575	rBV2	420	261	0.02%	0.002%
9	3.407	734	736	741	rVB2	273	185	0.01%	0.002%
10	3.677	816	820	824	rBV	235	181	0.01%	0.002%
11	3.847	869	873	876	rBV	266	222	0.02%	0.002%
12	3.892	876	887	936	rBV	92124	292300	22.81%	2.501%
13	4.352	1013	1030	1056	rBV	195060	482052	37.63%	4.125%
14	5.047	1228	1246	1283	rBV2	492476	1281199	100.00%	10.963%
15	5.252	1307	1310	1314	rVB4	487	313	0.02%	0.003%
16	5.384	1348	1351	1355	rBV3	512	379	0.03%	0.003%
17	5.455	1369	1373	1374	rBV3	385	218	0.02%	0.002%
18	5.465	1374	1376	1380	rVB2	409	250	0.02%	0.002%
19	5.619	1411	1424	1462	rBV	425596	859544	67.09%	7.355%
20	5.908	1505	1514	1534	rVB3	7814	18305	1.43%	0.157%
21	6.072	1551	1565	1594	rBV	270561	553951	43.24%	4.740%
22	6.281	1627	1630	1632	rBV2	365	185	0.01%	0.002%
23	6.362	1652	1655	1660	rBV4	231	240	0.02%	0.002%
24	6.532	1703	1708	1710	rBV	469	346	0.03%	0.003%
25	6.603	1725	1730	1733	rBV2	285	220	0.02%	0.002%
26	6.651	1740	1745	1747	rBV2	311	256	0.02%	0.002%
27	6.812	1793	1795	1801	rVB2	209	168	0.01%	0.001%
28	6.989	1837	1850	1878	rBV	149469	277153	21.63%	2.372%
29	7.317	1941	1952	1970	rBV	589358	1016768	79.36%	8.701%
30	7.625	2037	2048	2072	rBV2	99437	176916	13.81%	1.514%
31	7.786	2096	2098	2100	rBV2	439	207	0.02%	0.002%
32	7.892	2127	2131	2133	rBV3	457	328	0.03%	0.003%
33	8.091	2182	2193	2223	rBV	322853	594833	46.43%	5.090%
34	8.374	2279	2281	2283	rBV	408	181	0.01%	0.002%
35	8.493	2314	2318	2323	rBV2	184	206	0.02%	0.002%
36	8.574	2341	2343	2348	rVB2	484	345	0.03%	0.003%

LSC Area Percent Report

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Sample : M3608-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

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	8.612	2353	2355	2358	rVV2	369	198	0.02%	0.002%
38	8.667	2367	2372	2374	rBV	221	194	0.02%	0.002%
39	8.853	2418	2430	2467	rBV	623678	1019429	79.57%	8.723%
40	9.021	2476	2482	2493	rVB3	3460	5582	0.44%	0.048%
41	9.149	2513	2522	2537	rVB2	7178	13031	1.02%	0.112%
42	9.320	2570	2575	2577	rVB	236	215	0.02%	0.002%
43	9.506	2631	2633	2637	rVB	337	176	0.01%	0.002%
44	9.551	2637	2647	2655	rBV6	2120	3894	0.30%	0.033%
45	9.622	2666	2669	2671	rBV	362	225	0.02%	0.002%
46	9.664	2677	2682	2687	rBV2	343	307	0.02%	0.003%
47	9.686	2687	2689	2692	rVV	425	244	0.02%	0.002%
48	9.709	2692	2696	2703	rVB2	420	377	0.03%	0.003%
49	9.751	2703	2709	2711	rBV2	211	190	0.01%	0.002%
50	9.779	2715	2718	2722	rVB2	264	171	0.01%	0.001%
51	9.802	2722	2725	2730	rBV2	255	195	0.02%	0.002%
52	9.940	2760	2768	2780	rBV4	1424	2100	0.16%	0.018%
53	9.985	2780	2782	2786	rBV	383	185	0.01%	0.002%
54	10.133	2820	2828	2840	rVB3	2879	4979	0.39%	0.043%
55	10.220	2842	2855	2876	rBV	384752	608831	47.52%	5.210%
56	10.471	2922	2933	2935	rBV3	909	1267	0.10%	0.011%
57	10.545	2947	2956	2957	rBV5	1137	1228	0.10%	0.011%
58	10.651	2981	2989	2992	rVB2	342	323	0.03%	0.003%
59	10.744	3006	3018	3027	rBV4	4813	7600	0.59%	0.065%
60	10.799	3032	3035	3038	rVV2	239	204	0.02%	0.002%
61	10.831	3040	3045	3052	rVB4	634	720	0.06%	0.006%
62	10.863	3052	3055	3058	rBV3	260	201	0.02%	0.002%
63	10.924	3065	3074	3083	rBV3	4947	7761	0.61%	0.066%
64	11.024	3101	3105	3106	rBV	603	342	0.03%	0.003%
65	11.156	3135	3146	3148	rBV4	1264	1720	0.13%	0.015%
66	11.252	3164	3176	3197	rBV	653783	1004482	78.40%	8.595%
67	11.423	3225	3229	3230	rBV2	1142	733	0.06%	0.006%
68	11.529	3250	3262	3280	rBV	573194	874477	68.25%	7.483%
69	11.625	3281	3292	3312	rVB	588537	937739	73.19%	8.024%
70	11.750	3323	3331	3341	rBV2	8842	13723	1.07%	0.117%
71	11.876	3367	3370	3371	rBV	485	274	0.02%	0.002%
72	11.918	3380	3383	3389	rVB2	574	561	0.04%	0.005%
73	11.950	3390	3393	3397	rVB2	391	251	0.02%	0.002%
74	12.014	3409	3413	3414	rBV2	361	249	0.02%	0.002%
75	12.053	3417	3425	3433	rVV2	8682	12676	0.99%	0.108%
76	12.120	3436	3446	3459	rVB	19101	30003	2.34%	0.257%

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Operator : SY/MD
Sample : M3608-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

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	12.194	3466	3469	3472	rVB2	370	184	0.01%	0.002%
78	12.365	3513	3522	3533	rBV2	10364	16193	1.26%	0.139%
79	12.474	3547	3556	3567	rBV4	7580	15975	1.25%	0.137%
80	12.651	3606	3611	3617	rBV4	602	819	0.06%	0.007%
81	12.728	3626	3635	3651	rVB2	22896	36432	2.84%	0.312%
82	12.815	3659	3662	3665	rBV2	390	178	0.01%	0.002%
83	12.885	3673	3684	3696	rBV2	60433	91164	7.12%	0.780%
84	12.953	3700	3705	3714	rVB4	3447	4702	0.37%	0.040%
85	13.049	3726	3735	3750	rVB3	20730	35404	2.76%	0.303%
86	13.213	3783	3786	3787	rBV2	1364	864	0.07%	0.007%
87	13.271	3797	3804	3811	rBV5	2795	2927	0.23%	0.025%
88	13.307	3811	3815	3816	rBV2	984	593	0.05%	0.005%
89	13.503	3866	3876	3897	rBV	168958	275911	21.54%	2.361%
90	13.747	3949	3952	3953	rBV2	1067	600	0.05%	0.005%
91	13.911	3997	4003	4011	rBV5	1824	2484	0.19%	0.021%
92	13.985	4023	4026	4030	rVB	1075	712	0.06%	0.006%
93	14.091	4053	4059	4068	rVB5	3330	5146	0.40%	0.044%
94	14.229	4095	4102	4103	rBV3	1431	1574	0.12%	0.013%
95	14.297	4115	4123	4133	rVB6	4869	7889	0.62%	0.068%
96	14.580	4203	4211	4220	rBV	17339	25475	1.99%	0.218%
97	14.638	4222	4229	4240	rVB	17724	25565	2.00%	0.219%
98	14.818	4275	4285	4299	rBV3	63596	108536	8.47%	0.929%
99	15.815	4588	4595	4604	rBV4	9765	15637	1.22%	0.134%
100	16.487	4795	4804	4822	rVB	107595	164196	12.82%	1.405%

Sum of corrected areas: 11686217

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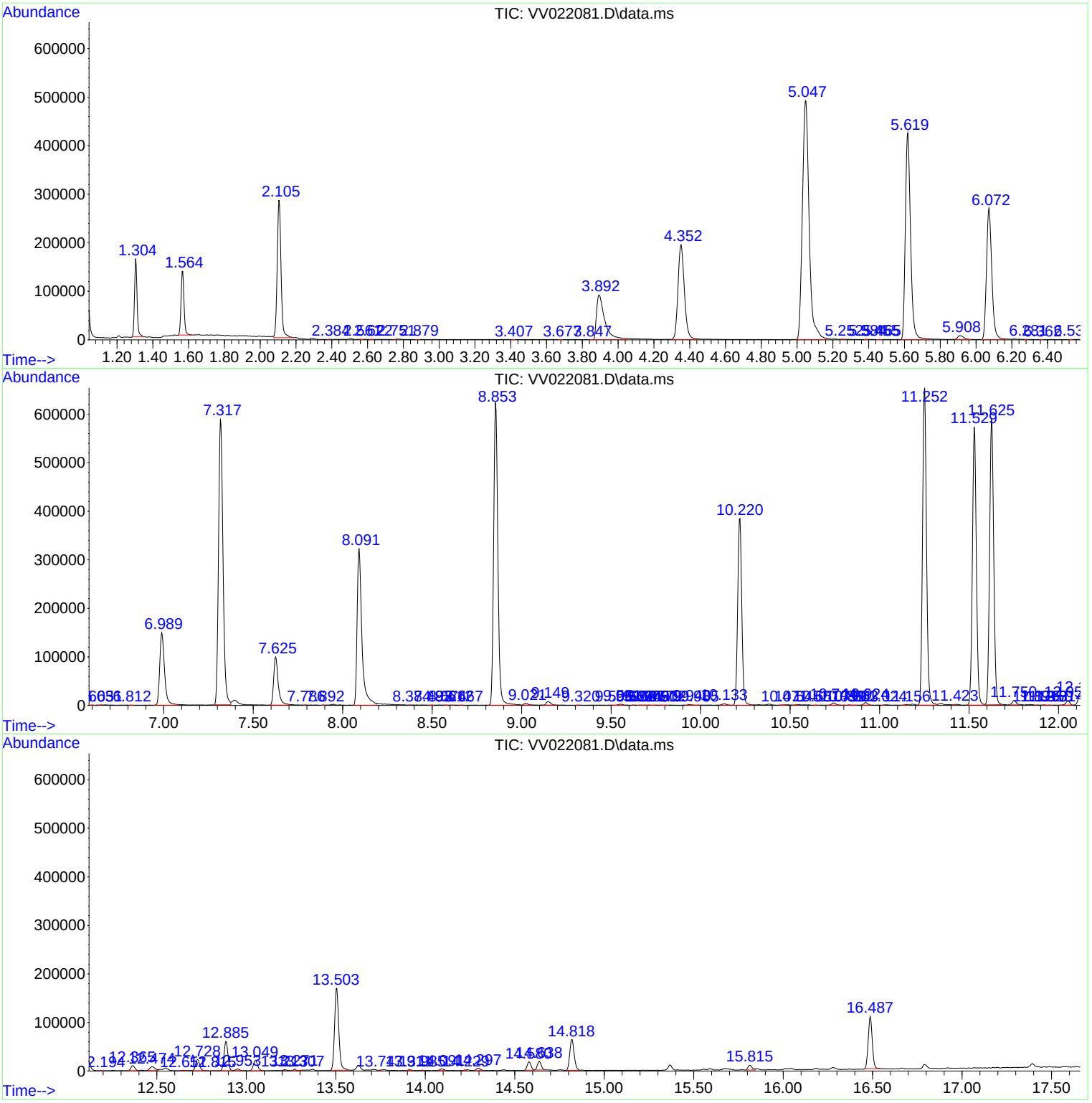
Instrument :
MSVOA_V
ClientSampleId :
DBKK4

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\VV090221\
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Instrument : MSVOA_V
ClientSampleId : DBKK4

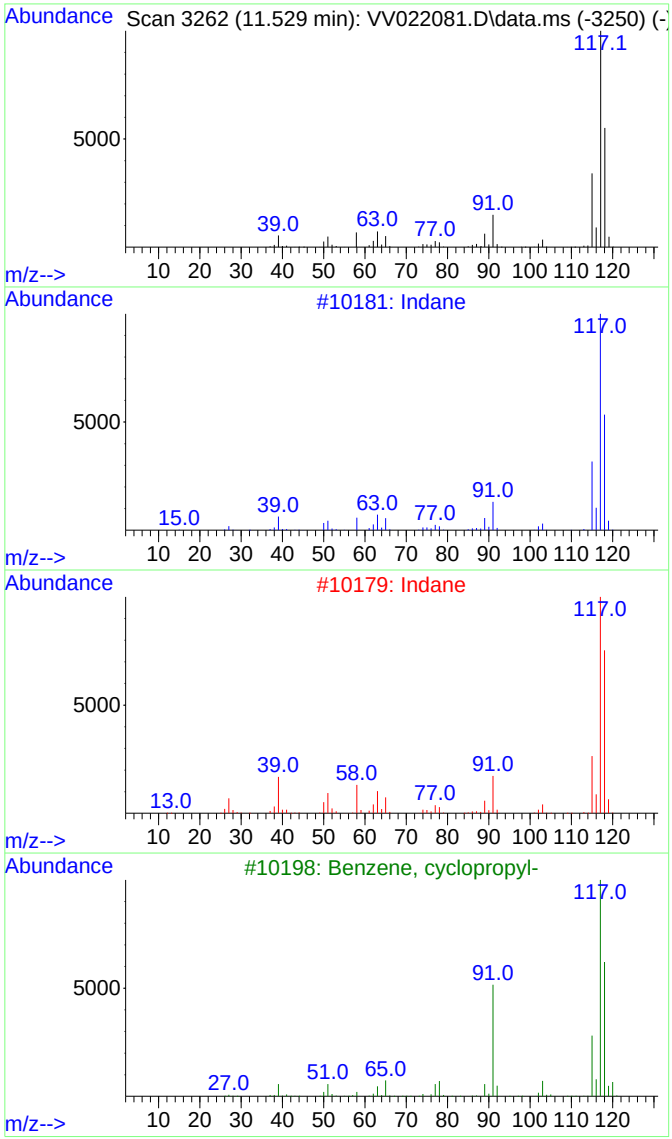
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

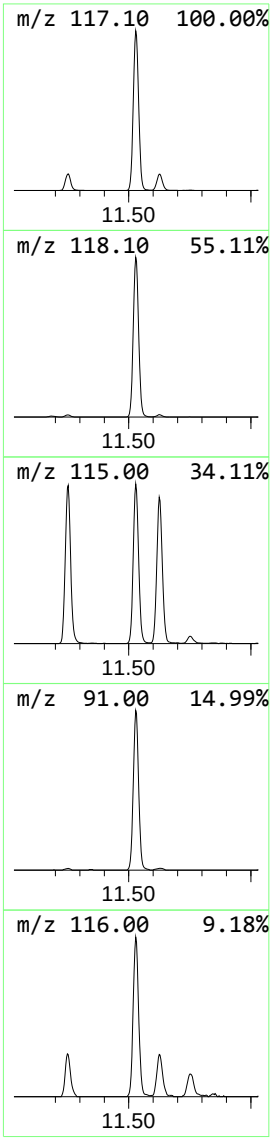
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	43.53 ug/L	874477	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022081.D
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Operator : SY/MD
Sample : M3608-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

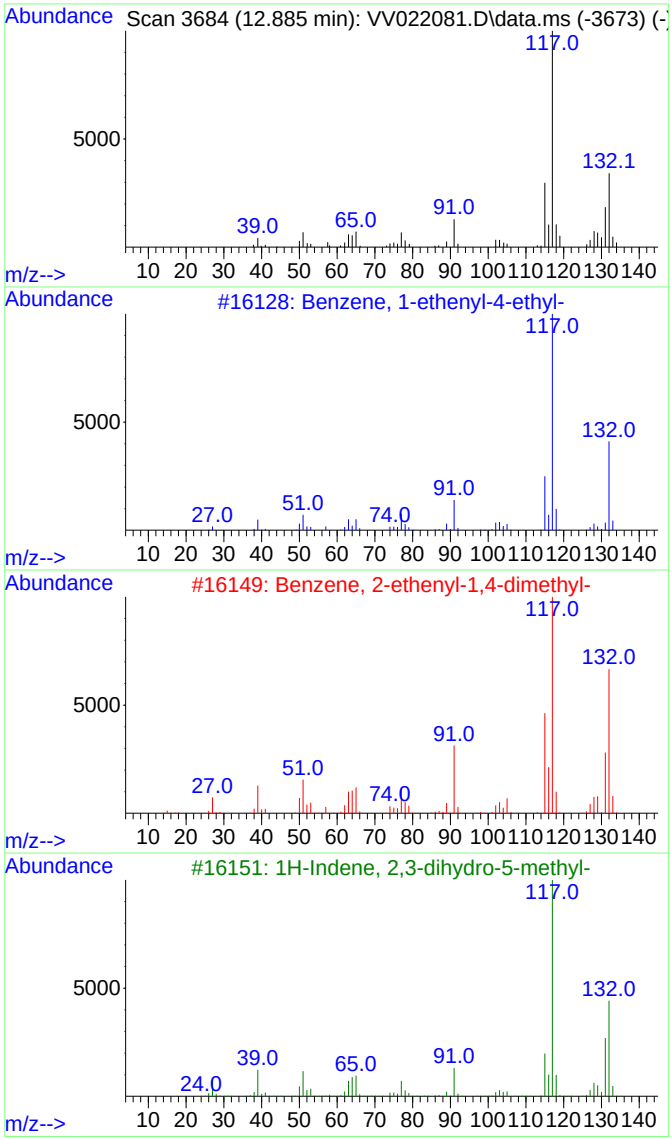
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

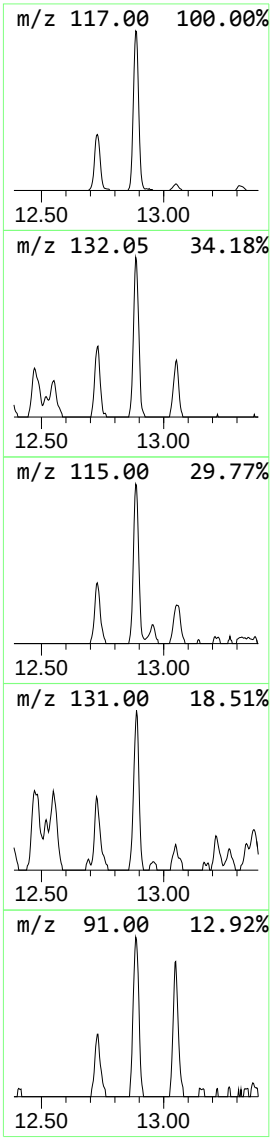
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	4.54 ug/L	91164	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

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

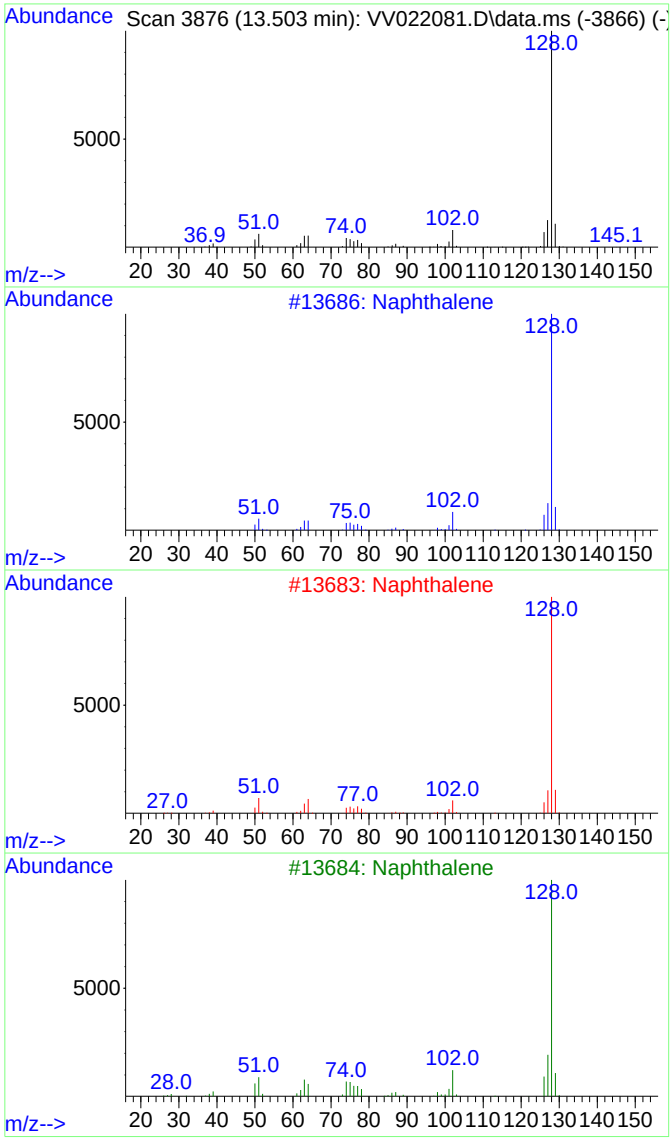
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

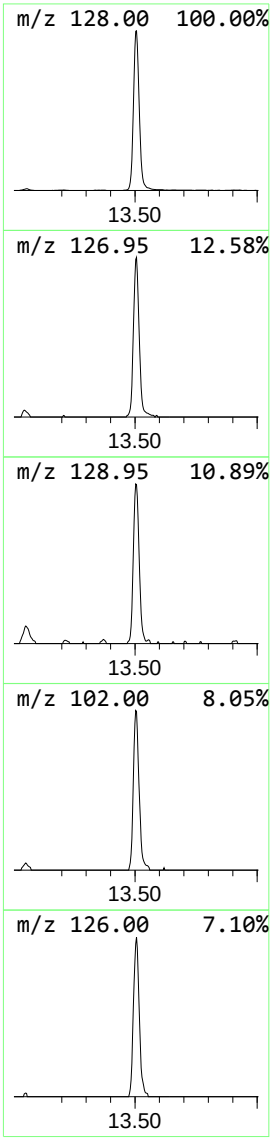
****

Peak Number 4 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	13.73 ug/L	275911	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

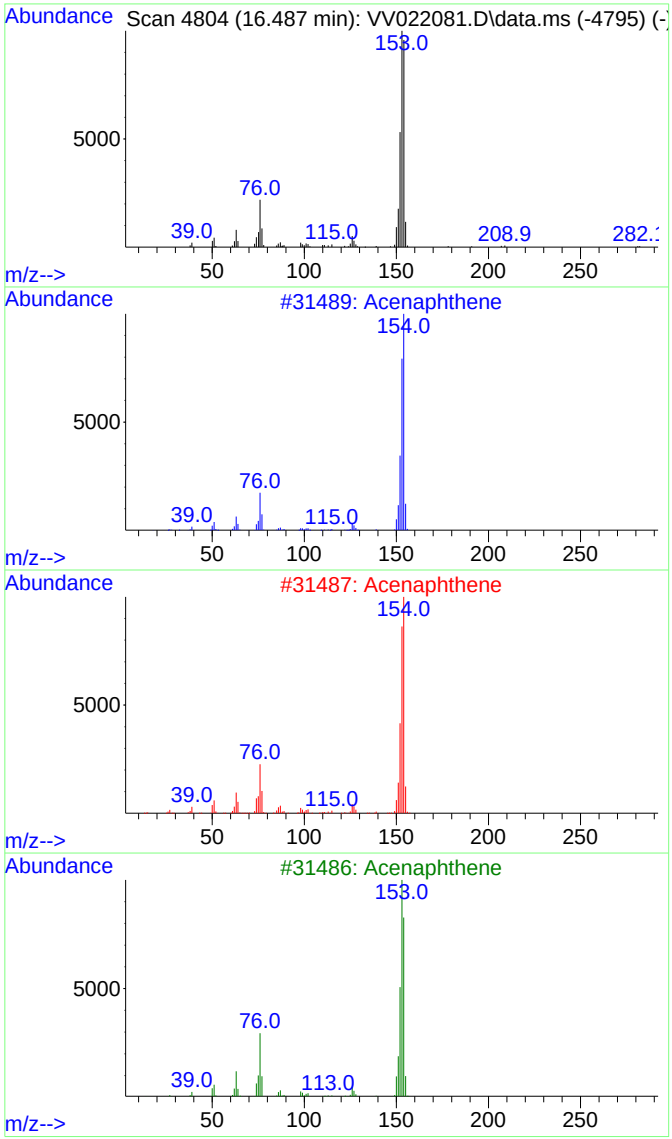
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

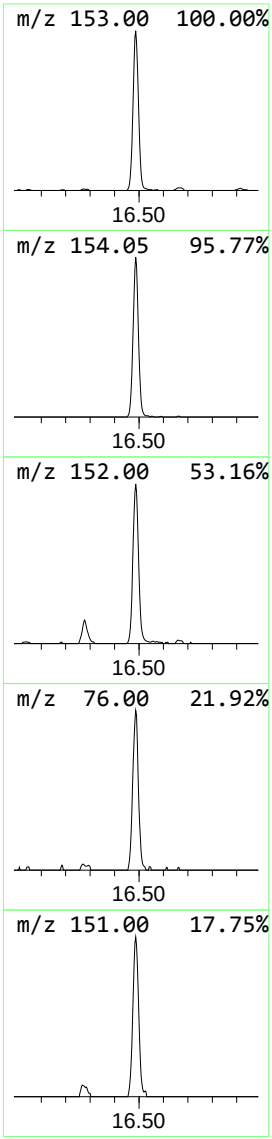
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	8.17 ug/L	164196	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	90
3	Acenaphthene	154	C12H10	000083-32-9	76
4	Acenaphthene	154	C12H10	000083-32-9	74
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59





Tentatively Identified Compound (LSC) summary

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Data File : VV022081.D
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Sample : M3608-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBKK4

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	43.5	ug/L	874477	3	11.252	1004480	50.0
Benzene, 1-ethe...	12.886	4.5	ug/L	91164	3	11.252	1004480	50.0
Azulene	13.503	13.7	ug/L	275911	3	11.252	1004480	50.0
Naphthalene, 2-...	16.487	8.2	ug/L	164196	3	11.252	1004480	50.0