LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051047.D
Acq On : 30 Sep 2022 20:27
Operator : JC/MD
Sample : N4859-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042

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\SFAMULM092922WMA.M
Title : VOC Analysis

Signal : TIC: VU051047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	74	81	98	rVB	182963	220579	13.09%	1.703%
2	1.906	168	176	187	rVB	169964	225659	13.39%	1.742%
3	2.565	369	381	395	rBV	314257	505217	29.97%	3.900%
4	3.124	551	555	558	rBV4	580	491	0.03%	0.004%
5	3.179	564	572	573	rBV3	1567	1967	0.12%	0.015%
6	3.359	626	628	630	rVB	342	126	0.01%	0.001%
7	3.395	637	639	641	rBV	184	100	0.01%	0.001%
8	3.420	644	647	651	rVV2	499	353	0.02%	0.003%
9	3.443	651	654	659	rBV2	377	381	0.02%	0.003%
10	3.562	687	691	695	rBV3	383	387	0.02%	0.003%
11	3.616	706	708	711	rBV2	310	175	0.01%	0.001%
12	3.841	775	778	782	rBV2	228	192	0.01%	0.001%
13	3.870	782	787	790	rBV3	817	622	0.04%	0.005%
14	3.986	818	823	828	rBV2	458	602	0.04%	0.005%
15	4.105	855	860	863	rBV	395	361	0.02%	0.003%
16	4.211	890	893	898	rVB2	360	291	0.02%	0.002%
17	4.240	898	902	904	rBV	266	194	0.01%	0.001%
18	4.317	922	926	928	rBV	398	288	0.02%	0.002%
19	4.362	936	940	945	rVB	419	368	0.02%	0.003%
20	4.388	945	948	951	rBV2	298	261	0.02%	0.002%
21	4.404	951	953	957	rVB2	389	255	0.02%	0.002%
22	4.433	957	962	966	rBV2	274	272	0.02%	0.002%
23	4.456	966	969	971	rBV	365	171	0.01%	0.001%
24	4.620	1008	1020	1058	rBV	176636	466429	27.67%	3.600%
25	5.063	1142	1158	1182	rVB	310647	681578	40.44%	5.261%
26	5.465	1280	1283	1284	rBV	320	153	0.01%	0.001%
27	5.494	1289	1292	1298	rBV2	355	343	0.02%	0.003%
28	5.581	1312	1319	1324	rBV	404	531	0.03%	0.004%
29	5.603	1324	1326	1329	rBV2	260	135	0.01%	0.001%
30	5.645	1337	1339	1341	rBV	317	191	0.01%	0.001%
31	5.722	1341	1363	1400	rVV2	619535	1685510	100.00%	13.011%
32	6.163	1498	1500	1503	rVB2	256	122	0.01%	0.001%
33	6.179	1503	1505	1506	rBV2	262	96	0.01%	0.001%
34	6.246	1511	1526	1555	rBV	508553	972977	57.73%	7.511%
35	6.529	1603	1614	1628	rVB3	11146	20815	1.23%	0.161%
36	6.581	1628	1630	1635	rBV3	486	265	0.02%	0.002%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042

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\SFAMULM092922WMA.M
Title : VOC Analysis

37	6.690	1648	1664	1684	rBV	403003	791218	46.94%	6.108%
38	7.028	1766	1769	1772	rVB2	288	149	0.01%	0.001%
39	7.047	1772	1775	1778	rBV	300	182	0.01%	0.001%
40	7.118	1795	1797	1798	rBV	261	109	0.01%	0.001%
41	7.192	1809	1820	1823	rBV6	1856	2573	0.15%	0.020%
42	7.243	1834	1836	1838	rVB	484	125	0.01%	0.001%
43	7.269	1841	1844	1846	rBV	164	92	0.01%	0.001%
44	7.311	1854	1857	1861	rBV2	320	299	0.02%	0.002%
45	7.407	1885	1887	1891	rBV	211	135	0.01%	0.001%
46	7.468	1903	1906	1912	rVB2	474	407	0.02%	0.003%
47	7.565	1923	1936	1952	rBV	199580	349825	20.75%	2.700%
48	7.742	1989	1991	1995	rVB2	556	279	0.02%	0.002%
49	7.774	1998	2001	2002	rBV	277	151	0.01%	0.001%
50	7.819	2012	2015	2017	rBV2	429	316	0.02%	0.002%
51	7.896	2025	2039	2059	rBV	694092	1197041	71.02%	9.240%
52	8.179	2114	2127	2139	rBV	140914	237104	14.07%	1.830%
53	8.555	2238	2244	2249	rVB4	1744	1864	0.11%	0.014%
54	8.578	2249	2251	2254	rBV	246	142	0.01%	0.001%
55	8.635	2254	2269	2308	rBV3	458598	998417	59.24%	7.707%
56	8.861	2335	2339	2342	rBV4	907	577	0.03%	0.004%
57	8.986	2375	2378	2381	rBV2	381	256	0.02%	0.002%
58	9.156	2429	2431	2433	rBV	231	93	0.01%	0.001%
59	9.237	2452	2456	2458	rVB	377	234	0.01%	0.002%
60	9.250	2458	2460	2463	rBV	332	203	0.01%	0.002%
61	9.298	2473	2475	2478	rVB2	289	165	0.01%	0.001%
62	9.314	2478	2480	2481	rBV2	179	71	0.00%	0.001%
63	9.352	2488	2492	2494	rVB2	432	291	0.02%	0.002%
64	9.372	2494	2498	2499	rBV	332	224	0.01%	0.002%
65	9.417	2499	2512	2533	rBV	719164	1191229	70.67%	9.195%
66	9.680	2592	2594	2596	rBV2	573	297	0.02%	0.002%
67	9.761	2617	2619	2622	rBV3	349	148	0.01%	0.001%
68	9.880	2653	2656	2659	rBV	341	204	0.01%	0.002%
69	9.915	2664	2667	2671	rVB2	483	363	0.02%	0.003%
70	9.941	2671	2675	2678	rBV2	322	252	0.01%	0.002%
71	10.008	2693	2696	2700	rVB	516	384	0.02%	0.003%
72	10.034	2700	2704	2708	rBV2	410	431	0.03%	0.003%
73	10.066	2711	2714	2719	rVV3	347	357	0.02%	0.003%
74	10.198	2751	2755	2758	rBV	409	334	0.02%	0.003%
75	10.288	2780	2783	2784	rBV	390	227	0.01%	0.002%
76	10.346	2797	2801	2804	rBV3	384	265	0.02%	0.002%

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Sample : N4859-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042

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\SFAMULM092922WMA.M
Title : VOC Analysis

77	10.404	2817	2819	2822	rVB	368	171	0.01%	0.001%
78	10.423	2822	2825	2827	rBV	242	156	0.01%	0.001%
79	10.484	2836	2844	2856	rBV3	6686	9731	0.58%	0.075%
80	10.536	2858	2860	2866	rVB3	452	357	0.02%	0.003%
81	10.613	2882	2884	2889	rVB3	412	275	0.02%	0.002%
82	10.687	2903	2907	2908	rBV2	373	252	0.01%	0.002%
83	10.754	2915	2928	2953	rBV	593641	947377	56.21%	7.313%
84	10.870	2961	2964	2966	rBV	632	461	0.03%	0.004%
85	10.889	2967	2970	2975	rVV4	1798	1719	0.10%	0.013%
86	10.912	2975	2977	2987	rVB4	948	774	0.05%	0.006%
87	11.108	3036	3038	3040	rBV2	430	289	0.02%	0.002%
88	11.150	3049	3051	3054	rBV2	309	182	0.01%	0.001%
89	11.285	3090	3093	3095	rBV3	1373	998	0.06%	0.008%
90	11.407	3127	3131	3135	rBV	428	487	0.03%	0.004%
91	11.594	3186	3189	3191	rBV3	493	364	0.02%	0.003%
92	11.735	3231	3233	3238	rVB2	820	613	0.04%	0.005%
93	11.809	3244	3256	3271	rBV	591945	930208	55.19%	7.180%
94	12.192	3361	3375	3395	rBV	656275	1046801	62.11%	8.080%
95	12.677	3519	3526	3543	rVB3	14726	27733	1.65%	0.214%
96	12.925	3593	3603	3610	rBV2	12597	20309	1.20%	0.157%
97	13.520	3780	3788	3800	rVB4	10761	16319	0.97%	0.126%
98	13.626	3806	3821	3833	rBV7	14317	25060	1.49%	0.193%
99	14.056	3946	3955	3962	rBV3	30093	48974	2.91%	0.378%
100	17.095	4891	4900	4931	rVB	168022	309636	18.37%	2.390%

Sum of corrected areas: 12954736

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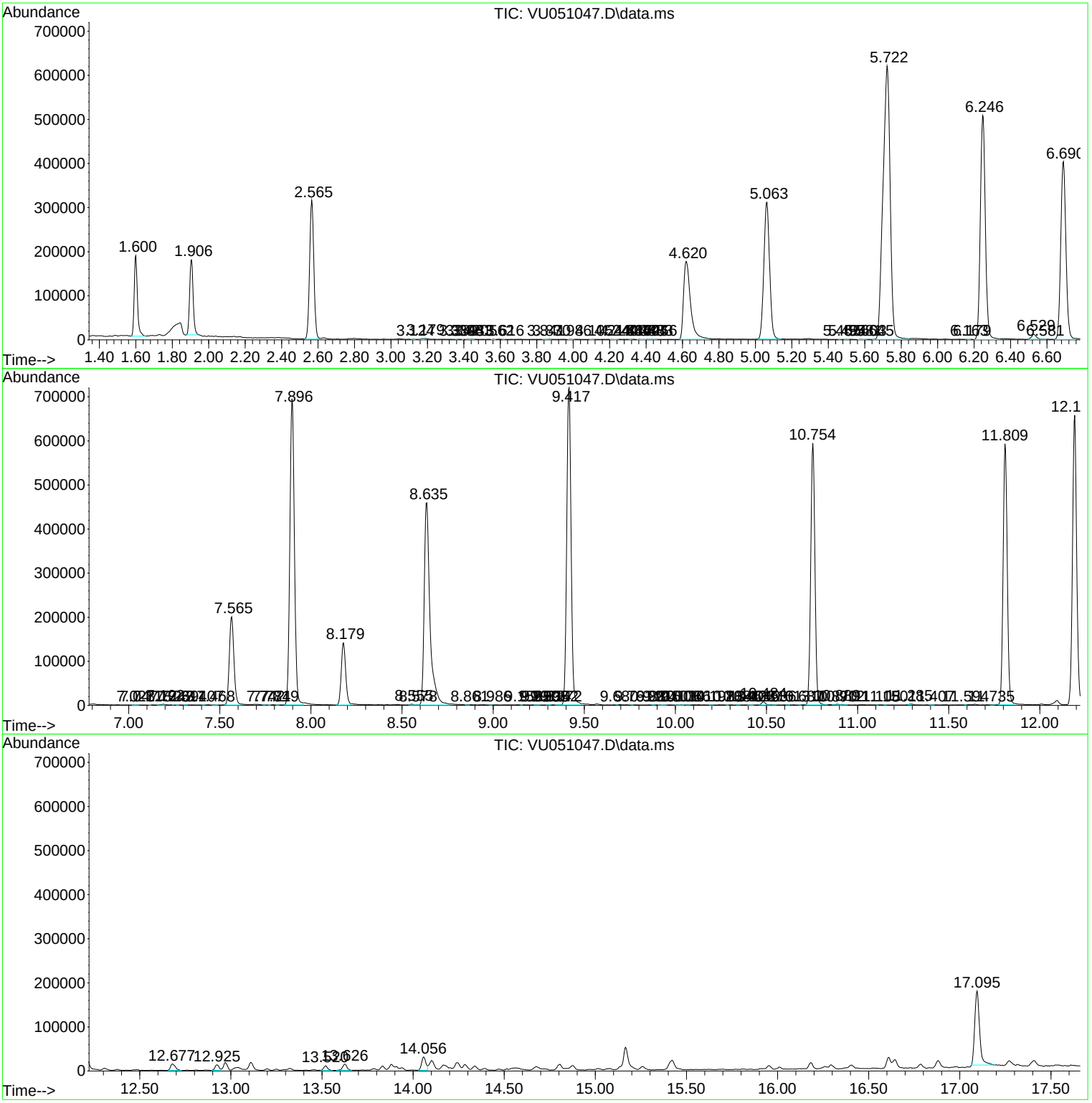
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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



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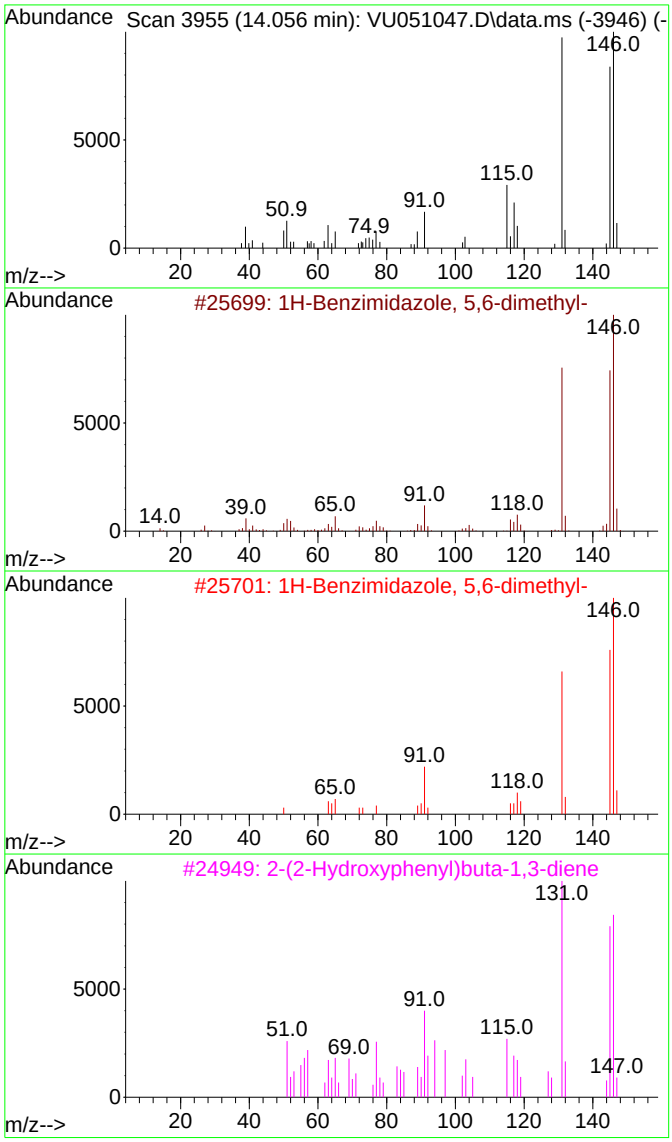
Quant Title : VOC Analysis

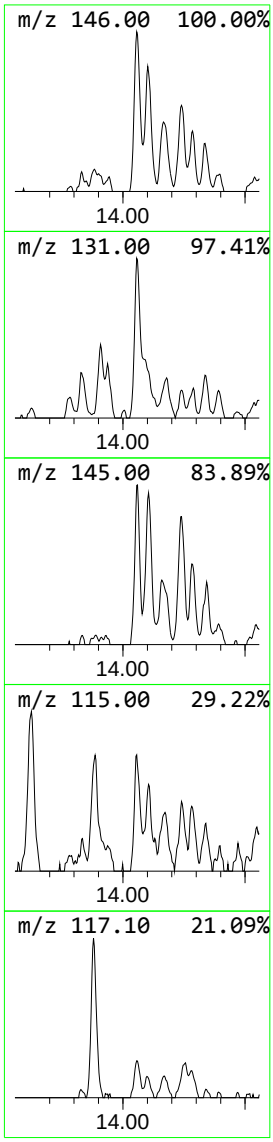
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Benzimidazole, 5,6-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.057	2.63 ug/L	48974	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
3	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	68





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10042

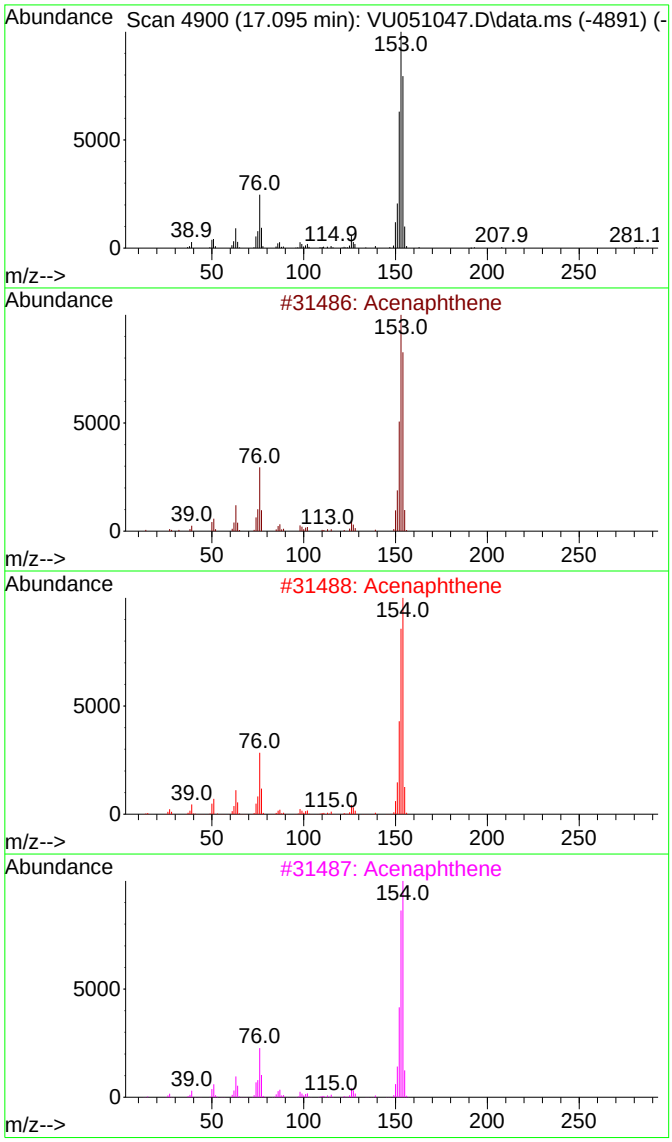
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

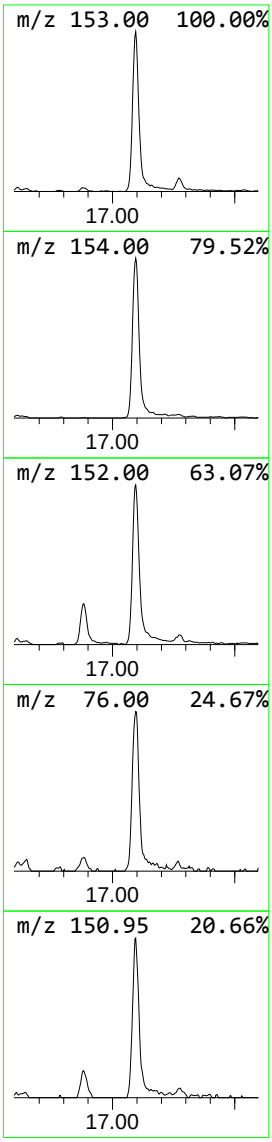
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2-ethenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	16.64 ug/L	309636	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	96
2	Acenaphthene	154	C12H10	000083-32-9	76
3	Acenaphthene	154	C12H10	000083-32-9	53
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	52
5	Acenaphthylene, 5-bromo-1,2-dihy...	232	C12H9Br	002051-98-1	49





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.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
1H-Benzimidazol...	14.057	2.6	ug/L	48974	3	11.812	930208	50.0
Naphthalene, 2-...	17.095	16.6	ug/L	309636	3	11.812	930208	50.0