

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022063.D
 Acq On : 01 Sep 2021 13:35
 Operator : SY/MD
 Sample : M3608-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKK1

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: VV022063.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	207961	204414	14.99%	1.720%
2	1.565	157	163	175	rVB	161818	178379	13.08%	1.501%
3	2.105	322	331	346	rVB	337815	489023	35.87%	4.115%
4	2.433	431	433	436	rBV3	567	308	0.02%	0.003%
5	2.626	489	493	499	rVB3	436	471	0.03%	0.004%
6	2.690	509	513	515	rBV2	335	214	0.02%	0.002%
7	2.761	532	535	536	rBV2	933	495	0.04%	0.004%
8	2.809	547	550	553	rVB2	412	282	0.02%	0.002%
9	2.835	553	558	560	rBV3	422	397	0.03%	0.003%
10	2.886	572	574	579	rBV2	427	250	0.02%	0.002%
11	3.166	659	661	666	rVB2	391	256	0.02%	0.002%
12	3.195	666	670	673	rBV2	382	308	0.02%	0.003%
13	3.439	743	746	749	rVB2	441	268	0.02%	0.002%
14	3.462	749	753	757	rBV2	289	285	0.02%	0.002%
15	3.510	765	768	773	rBV2	265	237	0.02%	0.002%
16	3.831	865	868	871	rBV	204	152	0.01%	0.001%
17	3.876	871	882	919	rBV	106624	286252	20.99%	2.409%
18	4.349	1013	1029	1058	rBV	204583	511267	37.50%	4.303%
19	4.783	1161	1164	1167	rVB2	535	285	0.02%	0.002%
20	5.047	1229	1246	1280	rBV2	519409	1363433	100.00%	11.474%
21	5.326	1331	1333	1335	rBV3	493	218	0.02%	0.002%
22	5.371	1345	1347	1349	rVB	485	219	0.02%	0.002%
23	5.619	1412	1424	1452	rBV	411936	832178	61.04%	7.003%
24	5.912	1505	1515	1532	rVB3	11833	25043	1.84%	0.211%
25	6.024	1546	1550	1551	rBV2	248	184	0.01%	0.002%
26	6.072	1551	1565	1593	rVV	284838	585013	42.91%	4.923%
27	6.484	1689	1693	1698	rBV2	283	230	0.02%	0.002%
28	6.542	1705	1711	1713	rVB2	239	254	0.02%	0.002%
29	6.568	1713	1719	1722	rBV	397	364	0.03%	0.003%
30	6.664	1743	1749	1751	rBV3	723	613	0.04%	0.005%
31	6.677	1751	1753	1756	rVV	386	221	0.02%	0.002%
32	6.715	1760	1765	1771	rVV4	461	457	0.03%	0.004%
33	6.757	1776	1778	1785	rBV3	416	410	0.03%	0.003%
34	6.812	1794	1795	1799	rVB	387	192	0.01%	0.002%
35	6.989	1839	1850	1878	rBV	158549	289131	21.21%	2.433%
36	7.246	1928	1930	1933	rVB2	436	236	0.02%	0.002%

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37	7.317	1939	1952	1972	rBV	637182	1110415	81.44%	9.345%
38	7.625	2035	2048	2074	rBV	101789	184101	13.50%	1.549%
39	7.886	2127	2129	2135	rVB4	690	448	0.03%	0.004%
40	7.944	2140	2147	2154	rVB3	1364	1899	0.14%	0.016%
41	8.088	2182	2192	2231	rBV2	308835	606219	44.46%	5.102%
42	8.551	2332	2336	2339	rBV2	617	413	0.03%	0.003%
43	8.587	2345	2347	2351	rBV	379	183	0.01%	0.002%
44	8.609	2352	2354	2357	rVB3	444	182	0.01%	0.002%
45	8.625	2357	2359	2364	rVB3	371	274	0.02%	0.002%
46	8.696	2377	2381	2385	rBV2	344	327	0.02%	0.003%
47	8.764	2399	2402	2404	rBV2	353	200	0.01%	0.002%
48	8.793	2408	2411	2414	rBV	222	193	0.01%	0.002%
49	8.854	2418	2430	2462	rBV	628694	1014847	74.43%	8.540%
50	9.021	2476	2482	2490	rVB6	2655	3886	0.29%	0.033%
51	9.146	2515	2521	2537	rVB4	5790	10273	0.75%	0.086%
52	9.432	2606	2610	2613	rBV2	322	249	0.02%	0.002%
53	9.555	2641	2648	2650	rBV2	847	1203	0.09%	0.010%
54	9.683	2682	2688	2689	rBV3	452	348	0.03%	0.003%
55	9.715	2693	2698	2701	rBV3	392	380	0.03%	0.003%
56	9.751	2704	2709	2710	rVV2	457	287	0.02%	0.002%
57	9.786	2714	2720	2727	rBV2	309	461	0.03%	0.004%
58	9.834	2730	2735	2738	rBV2	472	382	0.03%	0.003%
59	9.937	2758	2767	2771	rBV4	1326	1553	0.11%	0.013%
60	10.024	2789	2794	2798	rBV2	218	272	0.02%	0.002%
61	10.127	2819	2826	2836	rBV5	3024	4763	0.35%	0.040%
62	10.217	2842	2854	2875	rBV	397278	631856	46.34%	5.317%
63	10.452	2923	2927	2928	rBV2	516	321	0.02%	0.003%
64	10.538	2950	2954	2960	rBV4	762	985	0.07%	0.008%
65	10.606	2973	2975	2984	rVB4	550	553	0.04%	0.005%
66	10.744	3008	3018	3026	rBV3	3931	5491	0.40%	0.046%
67	10.828	3041	3044	3046	rBV2	280	220	0.02%	0.002%
68	10.882	3057	3061	3064	rBV3	396	357	0.03%	0.003%
69	10.924	3068	3074	3084	rVB6	4296	6433	0.47%	0.054%
70	10.985	3090	3093	3095	rBV	260	178	0.01%	0.001%
71	11.021	3101	3104	3106	rBV	674	391	0.03%	0.003%
72	11.037	3106	3109	3114	rVB4	616	504	0.04%	0.004%
73	11.153	3138	3145	3151	rVB6	1251	1749	0.13%	0.015%
74	11.182	3151	3154	3157	rBV2	648	552	0.04%	0.005%
75	11.252	3164	3176	3198	rBV	667549	1049094	76.95%	8.829%
76	11.529	3251	3262	3279	rBV	464729	725388	53.20%	6.105%

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77	11.625	3281	3292	3309	rVB	666410	1040086	76.28%	8.753%
78	11.754	3325	3332	3339	rBV6	3524	4612	0.34%	0.039%
79	12.053	3420	3425	3435	rVB3	7128	9281	0.68%	0.078%
80	12.120	3435	3446	3457	rBV2	14147	22091	1.62%	0.186%
81	12.252	3485	3487	3490	rBV3	422	262	0.02%	0.002%
82	12.365	3511	3522	3534	rBV3	8018	12669	0.93%	0.107%
83	12.474	3547	3556	3566	rBV5	6028	12238	0.90%	0.103%
84	12.728	3626	3635	3650	rVB2	17734	27258	2.00%	0.229%
85	12.799	3654	3657	3661	rVB	383	256	0.02%	0.002%
86	12.821	3661	3664	3666	rBV	308	193	0.01%	0.002%
87	12.886	3674	3684	3698	rVB	43510	67576	4.96%	0.569%
88	12.950	3698	3704	3705	rBV2	1941	1565	0.11%	0.013%
89	13.050	3724	3735	3746	rBV3	16128	26038	1.91%	0.219%
90	13.165	3769	3771	3775	rVB3	347	216	0.02%	0.002%
91	13.371	3830	3835	3843	rVB3	1888	2633	0.19%	0.022%
92	13.410	3843	3847	3851	rVV2	446	305	0.02%	0.003%
93	13.506	3866	3877	3896	rBV	149640	243295	17.84%	2.047%
94	14.011	4032	4034	4042	rBV4	351	282	0.02%	0.002%
95	14.098	4050	4061	4067	rBV6	2286	4043	0.30%	0.034%
96	14.297	4117	4123	4133	rVB4	4358	5942	0.44%	0.050%
97	14.580	4205	4211	4220	rVB	12177	17292	1.27%	0.146%
98	14.638	4222	4229	4241	rVB2	19173	28994	2.13%	0.244%
99	14.818	4276	4285	4300	rBV2	48062	83860	6.15%	0.706%
100	16.487	4795	4804	4816	rVB	86081	132017	9.68%	1.111%

Sum of corrected areas: 11882773

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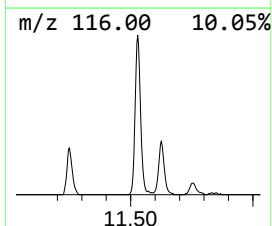
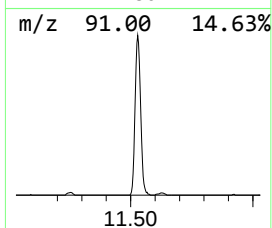
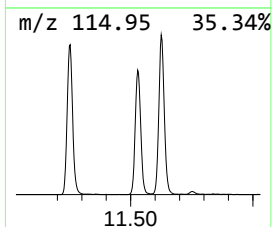
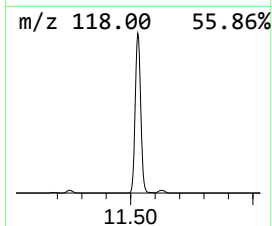
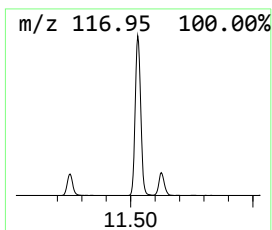
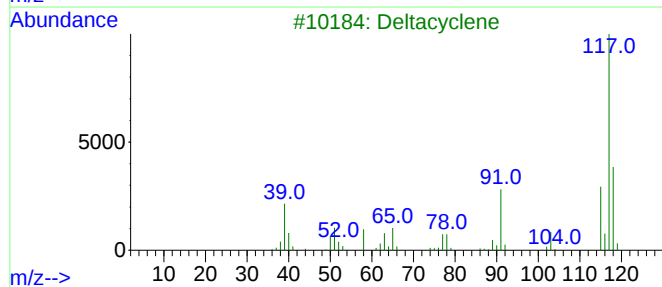
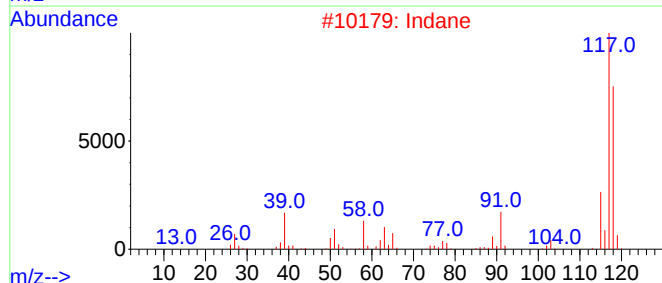
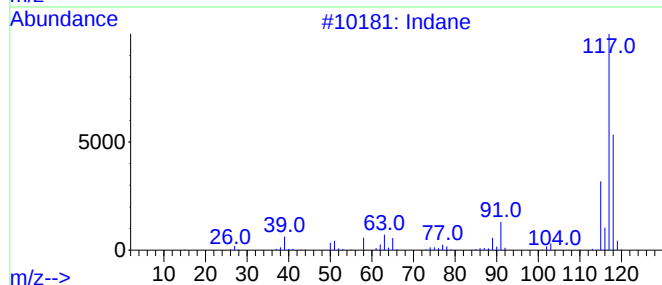
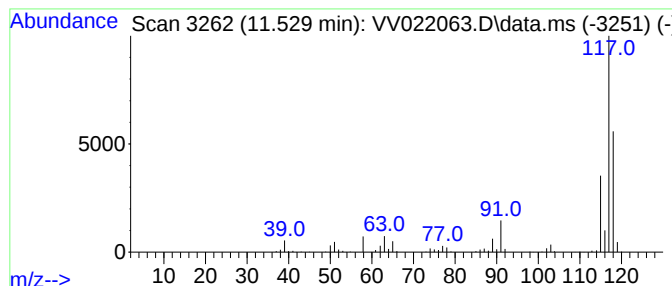
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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	34.57 ug/L	725388	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			Deltacyclene	118	C9H10	007785-10-6	72
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	72
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72



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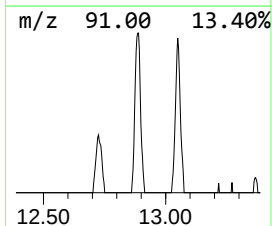
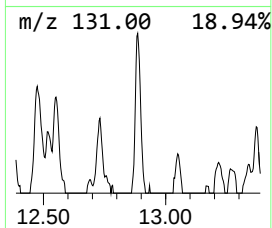
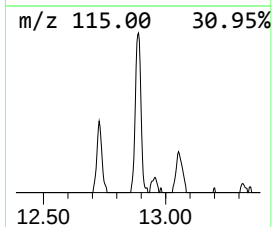
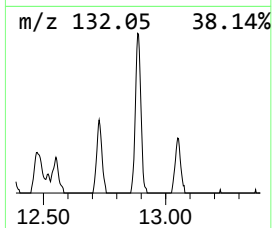
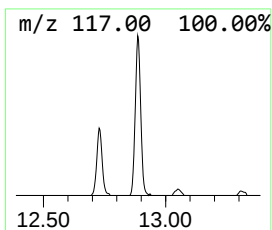
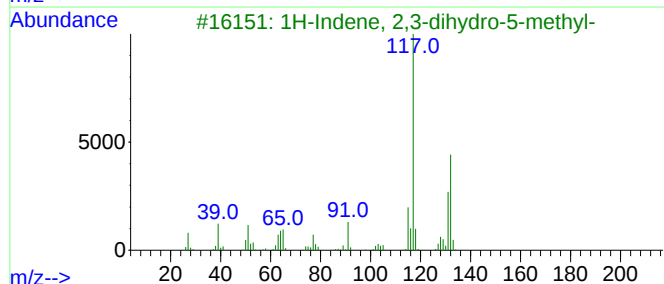
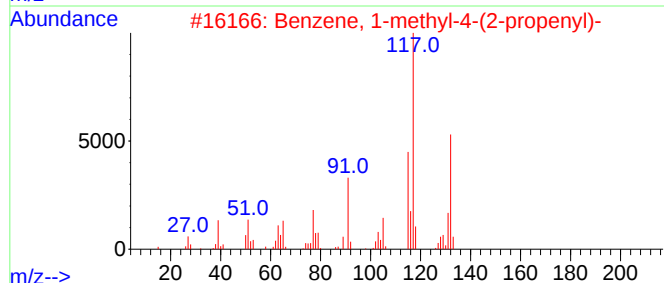
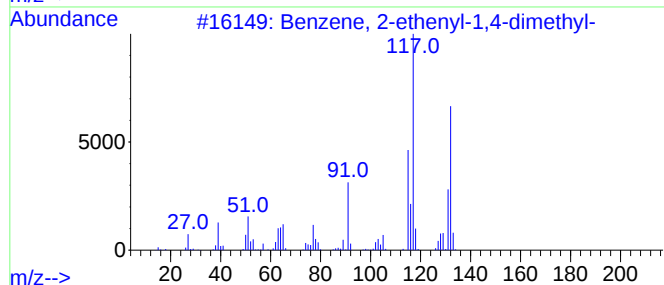
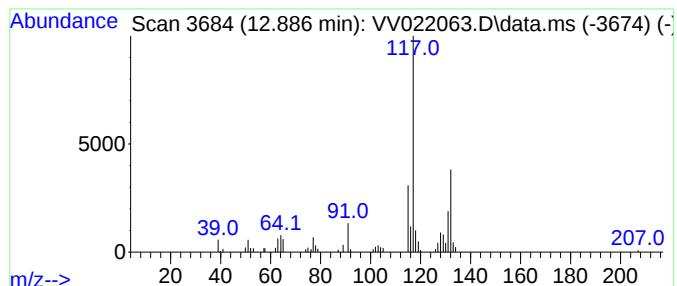
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.22 ug/L	67576	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	86



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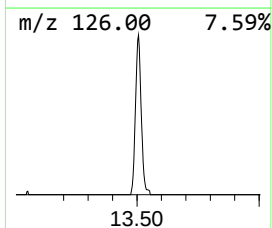
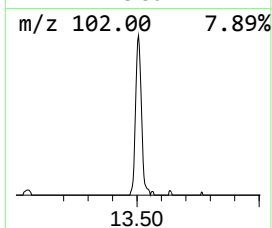
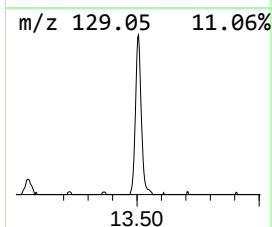
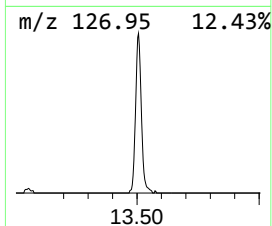
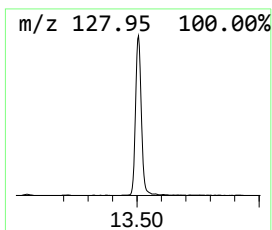
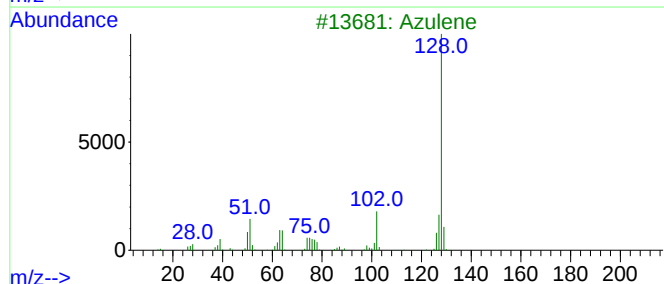
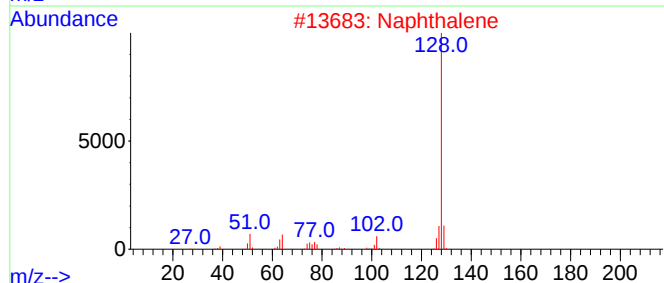
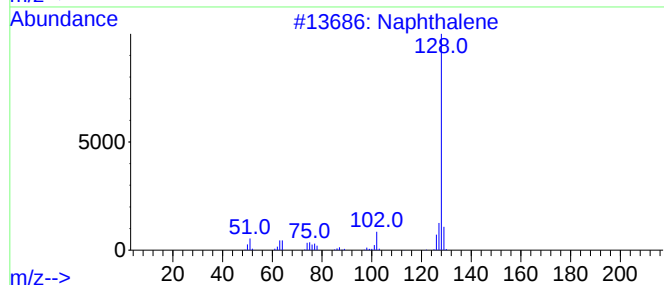
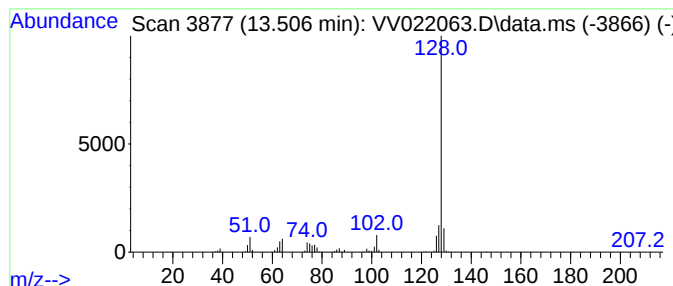
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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.
13.506	11.60 ug/L	243295	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			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	90
5			Naphthalene	128	C10H8	000091-20-3	90



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DBKK1

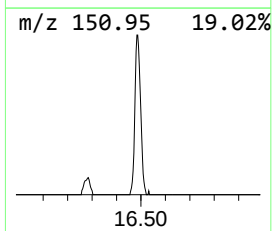
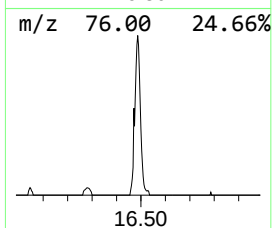
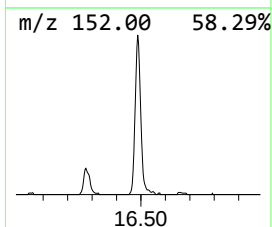
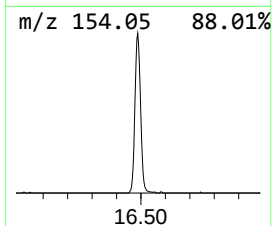
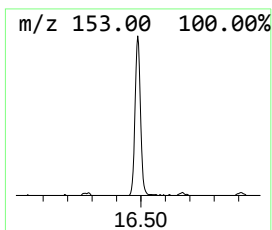
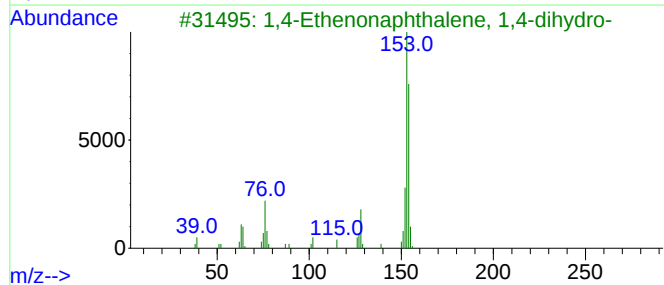
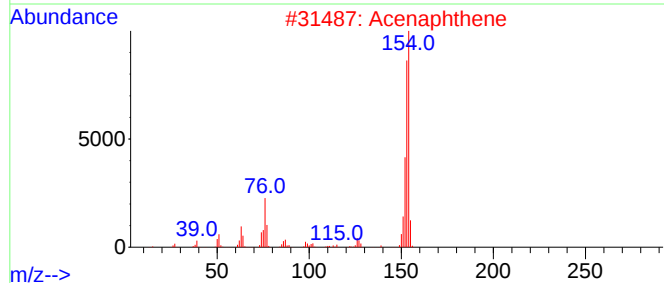
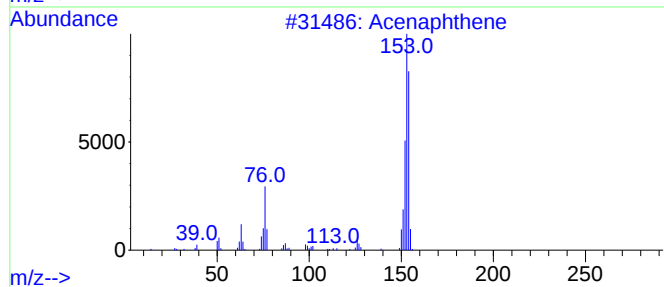
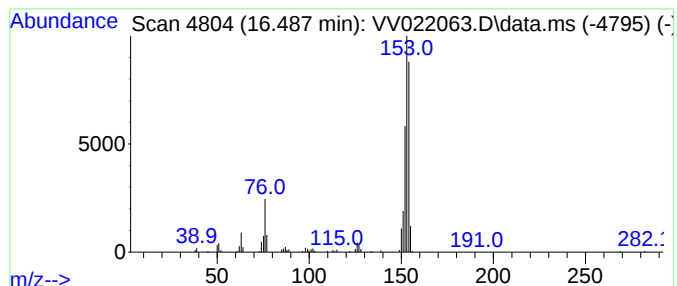
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Quant Title : VOC Analysis

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

Peak Number 6 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	6.29 ug/L	132017	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	89
2			Acenaphthene	154	C12H10	000083-32-9	87
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	72
4			Acenaphthene	154	C12H10	000083-32-9	64
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
Data File : VV022063.D
Acq On : 01 Sep 2021 13:35
Operator : SY/MD
Sample : M3608-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKK1

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	11.529	34.6	ug/L	725388	3	11.252	1049090	50.0
Benzene, 2-ethe...	12.886	3.2	ug/L	67576	3	11.252	1049090	50.0
Azulene	13.506	11.6	ug/L	243295	3	11.252	1049090	50.0
1,4-Ethenonapht...	16.487	6.3	ug/L	132017	3	11.252	1049090	50.0