

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021814.D
 Acq On : 17 Aug 2021 14:17
 Operator : SY/MD
 Sample : M3364-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC5

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\SFAMVLM081621WMA.M

Title : VOC Analysis

Signal : TIC: VV021814.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	95	rVB	208483	201308	12.95%	1.261%
2	1.561	155	162	178	rVB	162829	187981	12.09%	1.178%
3	2.101	321	330	346	rBV	297129	437564	28.15%	2.741%
4	2.404	420	424	425	rBV2	507	394	0.03%	0.002%
5	2.671	502	507	509	rBV5	456	369	0.02%	0.002%
6	2.709	516	519	524	rBV3	302	309	0.02%	0.002%
7	2.770	529	538	550	rVB5	6003	12996	0.84%	0.081%
8	3.043	621	623	626	rBV2	553	301	0.02%	0.002%
9	3.105	640	642	645	rVB2	653	284	0.02%	0.002%
10	3.185	665	667	671	rBV4	487	328	0.02%	0.002%
11	3.281	692	697	701	rBV2	669	693	0.04%	0.004%
12	3.388	728	730	735	rVB2	521	328	0.02%	0.002%
13	3.751	840	843	846	rVB2	360	269	0.02%	0.002%
14	3.870	868	880	914	rBV	135933	364090	23.42%	2.281%
15	4.346	1012	1028	1053	rBV	251239	621663	39.99%	3.895%
16	4.645	1117	1121	1122	rBV3	547	397	0.03%	0.002%
17	4.863	1184	1189	1192	rVB3	471	327	0.02%	0.002%
18	4.969	1219	1222	1228	rBV3	437	529	0.03%	0.003%
19	5.043	1228	1245	1280	rBV2	601806	1554595	100.00%	9.739%
20	5.616	1410	1423	1450	rBV	468645	948320	61.00%	5.941%
21	5.908	1502	1514	1534	rVB3	19351	41122	2.65%	0.258%
22	5.998	1539	1542	1545	rBV2	661	516	0.03%	0.003%
23	6.069	1550	1564	1595	rBV	345326	711427	45.76%	4.457%
24	6.452	1681	1683	1686	rVB2	470	238	0.02%	0.001%
25	6.506	1697	1700	1702	rBV2	496	333	0.02%	0.002%
26	6.535	1705	1709	1712	rBV2	494	426	0.03%	0.003%
27	6.638	1737	1741	1743	rBV3	569	466	0.03%	0.003%
28	6.735	1768	1771	1775	rBV4	392	299	0.02%	0.002%
29	6.786	1785	1787	1791	rVB2	557	302	0.02%	0.002%
30	6.905	1820	1824	1826	rBV2	337	248	0.02%	0.002%
31	6.985	1837	1849	1869	rBV	205050	373783	24.04%	2.342%
32	7.175	1906	1908	1910	rBV3	411	237	0.02%	0.001%
33	7.317	1939	1952	1970	rBV	704358	1224797	78.79%	7.673%
34	7.622	2037	2047	2078	rBV	141410	249421	16.04%	1.563%
35	7.911	2133	2137	2139	rBV4	556	430	0.03%	0.003%
36	7.944	2139	2147	2154	rVV2	2462	3836	0.25%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Title : VOC Analysis

37	8.088	2182	2192	2226	rBV	365426	695787	44.76%	4.359%
38	8.535	2328	2331	2332	rBV2	628	259	0.02%	0.002%
39	8.725	2386	2390	2392	rBV3	554	422	0.03%	0.003%
40	8.854	2418	2430	2466	rVV	710485	1182669	76.08%	7.409%
41	9.021	2477	2482	2488	rBV4	1429	1919	0.12%	0.012%
42	9.149	2510	2522	2523	rBV6	2318	2954	0.19%	0.019%
43	9.275	2557	2561	2564	rBV	564	355	0.02%	0.002%
44	9.291	2564	2566	2570	rVB2	436	262	0.02%	0.002%
45	9.333	2570	2579	2582	rBV3	595	613	0.04%	0.004%
46	9.349	2582	2584	2588	rVB	485	244	0.02%	0.002%
47	9.378	2588	2593	2594	rBV3	684	422	0.03%	0.003%
48	9.551	2642	2647	2652	rBV4	2081	2554	0.16%	0.016%
49	9.657	2678	2680	2683	rVB	443	247	0.02%	0.002%
50	9.677	2683	2686	2688	rBV2	455	279	0.02%	0.002%
51	9.770	2711	2715	2720	rBV5	530	558	0.04%	0.003%
52	9.825	2729	2732	2735	rBV3	483	414	0.03%	0.003%
53	9.944	2760	2769	2777	rBV6	1286	2258	0.15%	0.014%
54	10.011	2787	2790	2793	rBV2	540	368	0.02%	0.002%
55	10.124	2816	2825	2826	rBV3	1764	1602	0.10%	0.010%
56	10.217	2842	2854	2876	rBV	514402	802902	51.65%	5.030%
57	10.384	2900	2906	2918	rVB6	3948	6489	0.42%	0.041%
58	10.435	2918	2922	2924	rBV3	677	612	0.04%	0.004%
59	10.545	2948	2956	2961	rBV3	2098	3466	0.22%	0.022%
60	10.664	2988	2993	2996	rVB2	528	356	0.02%	0.002%
61	10.738	3012	3016	3019	rVV2	507	532	0.03%	0.003%
62	10.754	3019	3021	3027	rVB6	812	503	0.03%	0.003%
63	10.825	3041	3043	3046	rBV	680	315	0.02%	0.002%
64	10.857	3050	3053	3055	rVB2	423	247	0.02%	0.002%
65	10.918	3064	3072	3082	rVB4	5065	8161	0.52%	0.051%
66	11.027	3103	3106	3109	rVV4	772	645	0.04%	0.004%
67	11.085	3120	3124	3127	rBV3	956	674	0.04%	0.004%
68	11.185	3147	3155	3156	rBV5	3765	4396	0.28%	0.028%
69	11.249	3164	3175	3195	rBV	827868	1267158	81.51%	7.939%
70	11.532	3253	3263	3274	rBV	24171	39085	2.51%	0.245%
71	11.625	3281	3292	3318	rVV	849406	1337312	86.02%	8.378%
72	11.747	3322	3330	3350	rVB	29608	49531	3.19%	0.310%
73	11.860	3358	3365	3370	rBV5	632	976	0.06%	0.006%
74	12.085	3432	3435	3438	rBV	553	370	0.02%	0.002%
75	12.117	3438	3445	3450	rBV5	1959	2986	0.19%	0.019%
76	12.188	3465	3467	3475	rVB4	529	489	0.03%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Title : VOC Analysis

77	12.300	3498	3502	3503	rBV	752	553	0.04%	0.003%
78	12.368	3516	3523	3532	rBV7	3330	5345	0.34%	0.033%
79	12.416	3533	3538	3545	rVB8	1672	2203	0.14%	0.014%
80	12.471	3545	3555	3564	rBV5	11417	20095	1.29%	0.126%
81	12.583	3588	3590	3593	rBV3	764	401	0.03%	0.003%
82	12.728	3628	3635	3641	rBV3	6513	9505	0.61%	0.060%
83	12.886	3675	3684	3693	rVV2	18508	28180	1.81%	0.177%
84	12.988	3713	3716	3719	rBV	547	484	0.03%	0.003%
85	13.050	3727	3735	3749	rVB5	15290	25530	1.64%	0.160%
86	13.220	3781	3788	3794	rVB6	3627	3958	0.25%	0.025%
87	13.268	3796	3803	3810	rBV6	10835	15948	1.03%	0.100%
88	13.503	3864	3876	3903	rBV	981493	1482921	95.39%	9.290%
89	13.625	3904	3914	3926	rBV	103556	164595	10.59%	1.031%
90	13.911	3996	4003	4013	rVB3	12376	19072	1.23%	0.119%
91	14.098	4050	4061	4074	rBV8	13641	32666	2.10%	0.205%
92	14.233	4096	4103	4112	rBV4	6414	10354	0.67%	0.065%
93	14.297	4116	4123	4136	rVB5	17693	31624	2.03%	0.198%
94	14.435	4158	4166	4179	rBV5	9273	19526	1.26%	0.122%
95	14.580	4202	4211	4218	rBV	35577	54700	3.52%	0.343%
96	14.760	4259	4267	4274	rBV6	14329	24885	1.60%	0.156%
97	14.818	4275	4285	4299	rVB	484012	783412	50.39%	4.908%
98	15.670	4541	4550	4572	rVB4	67404	158078	10.17%	0.990%
99	15.811	4586	4594	4601	rBV	135153	204932	13.18%	1.284%
100	16.487	4794	4804	4828	rVB	326438	500548	32.20%	3.136%

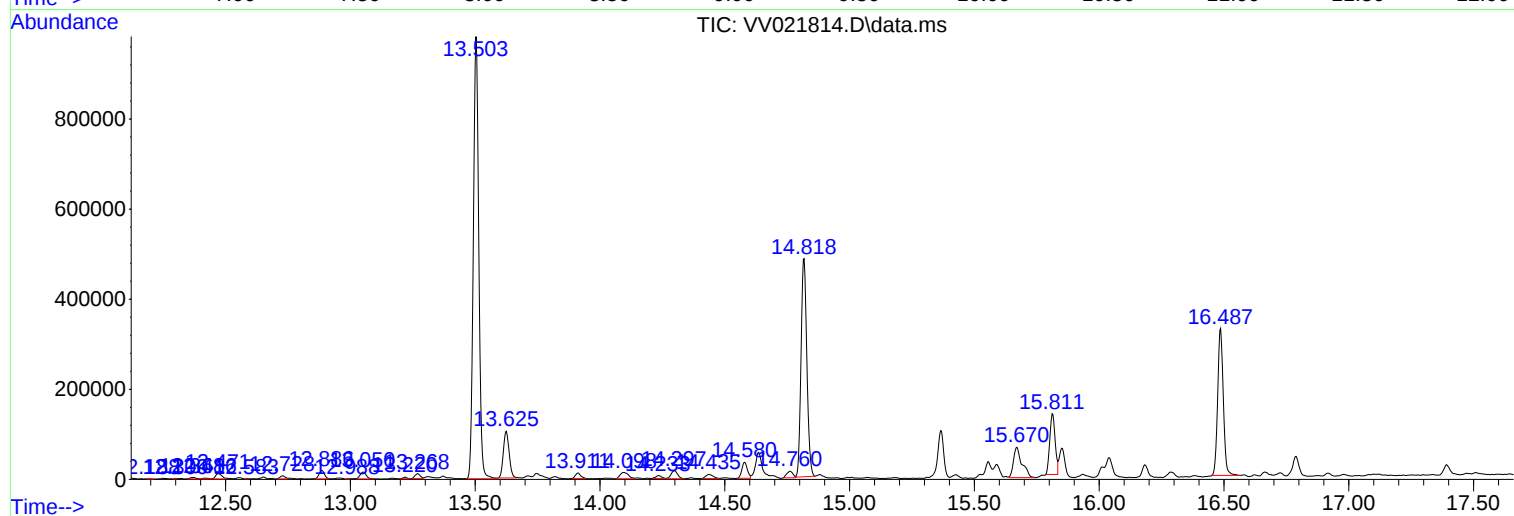
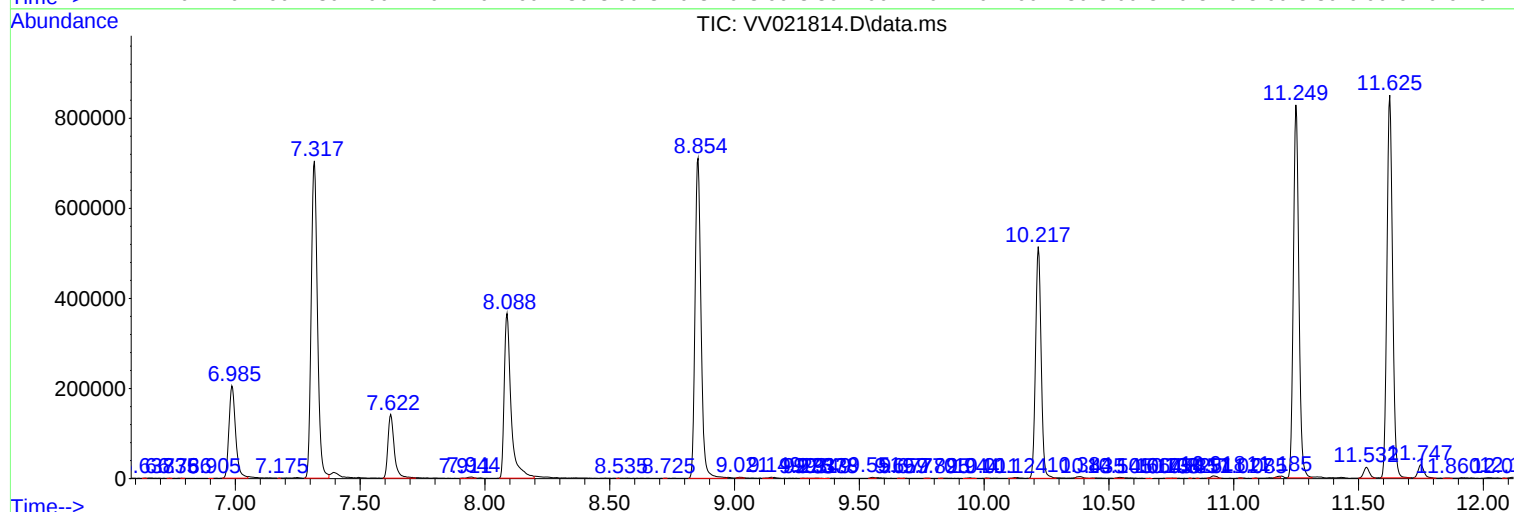
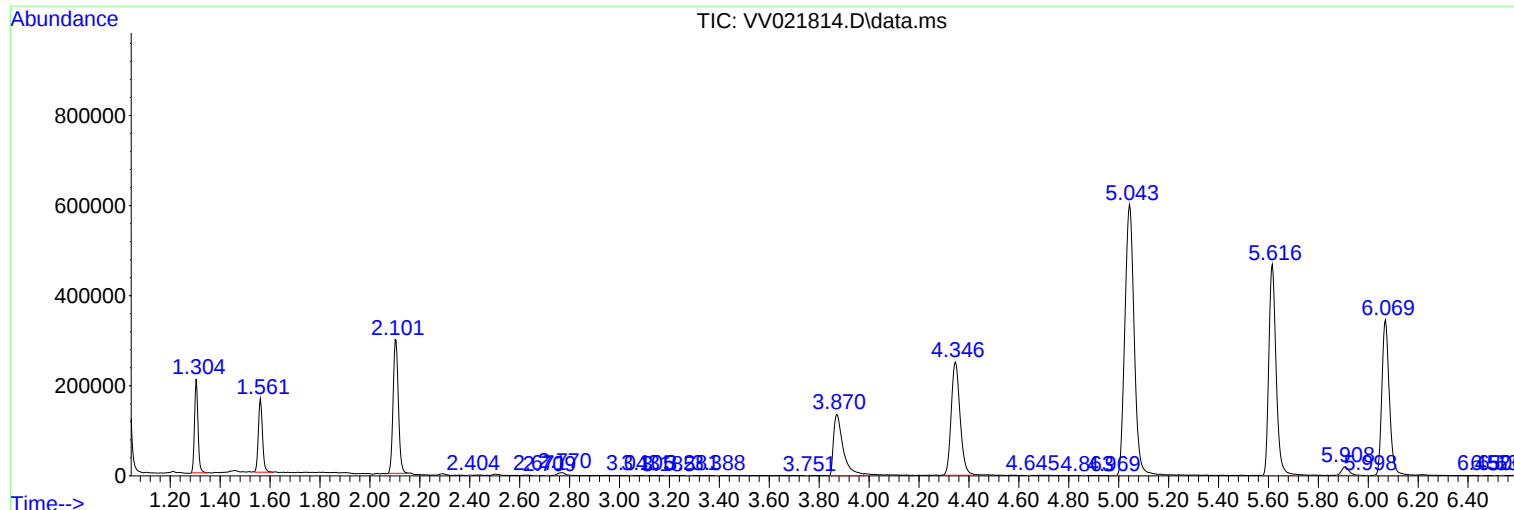
Sum of corrected areas: 15961832

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKC5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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DBKC5

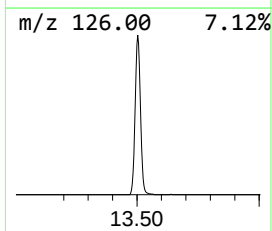
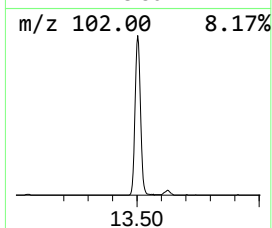
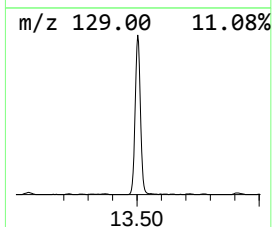
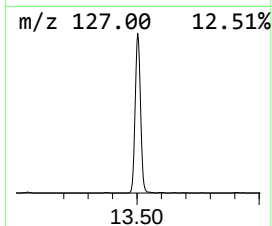
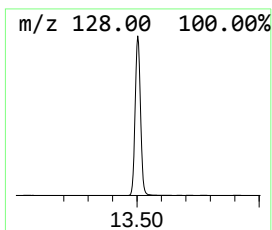
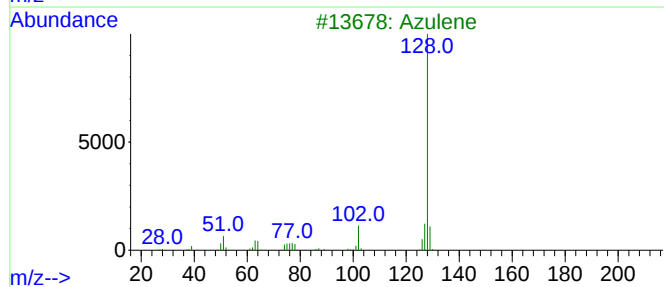
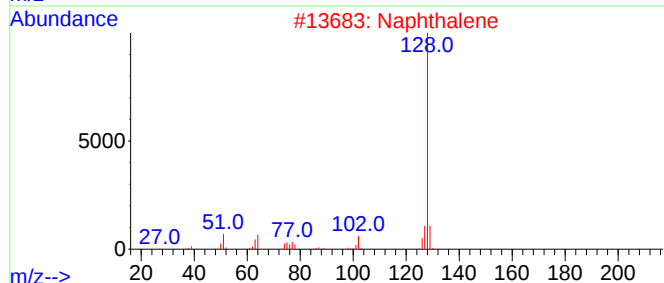
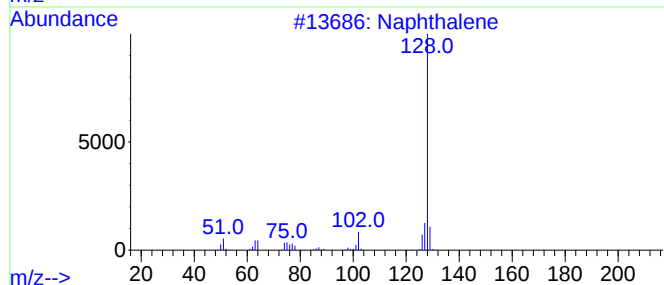
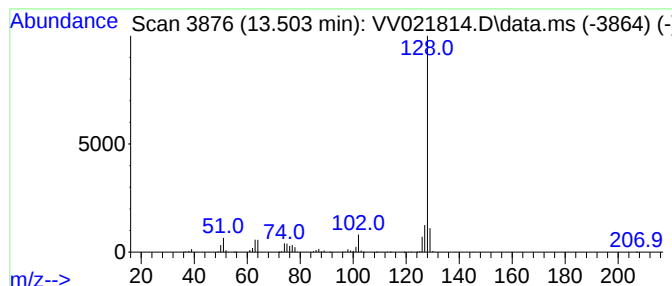
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	58.51 ug/L	1482920	1,4-Dichlorobenzene-d4	11.249

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



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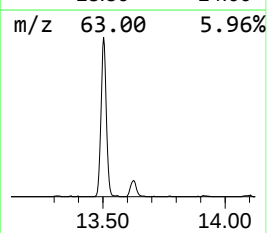
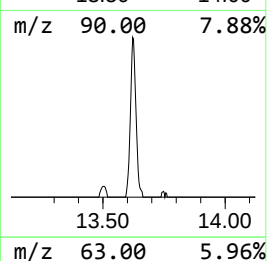
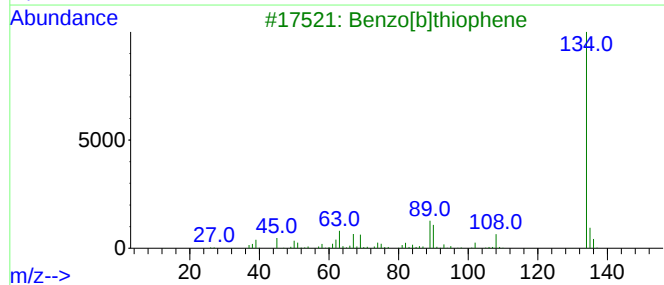
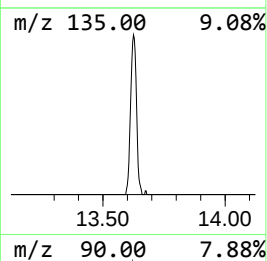
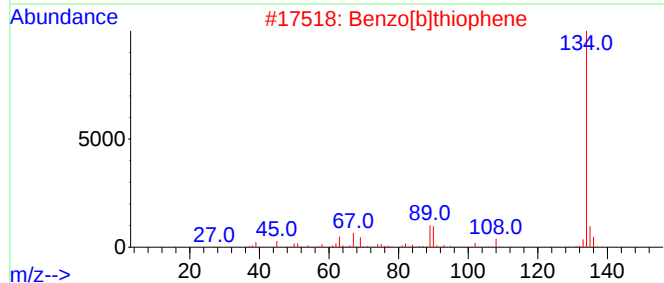
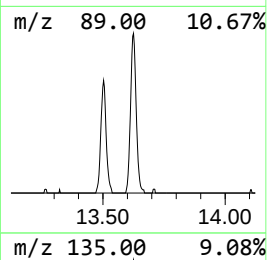
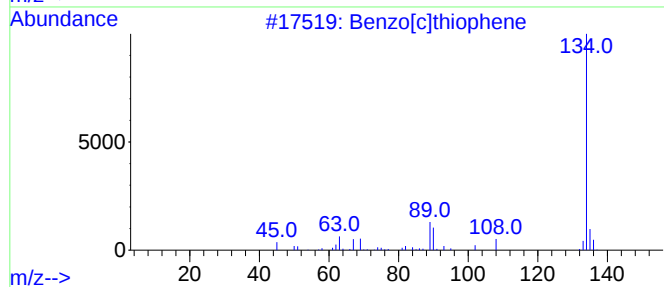
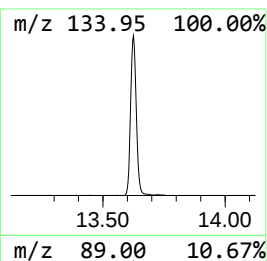
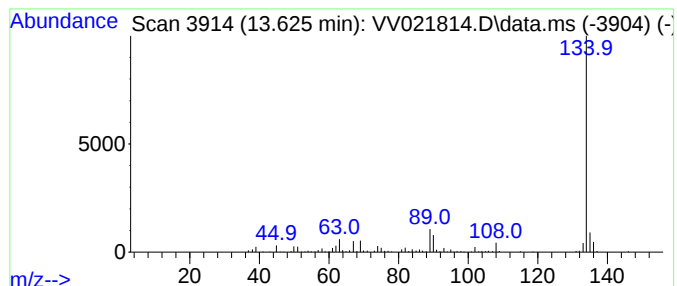
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	6.49 ug/L	164595	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90



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Instrument :
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ClientSampleId :
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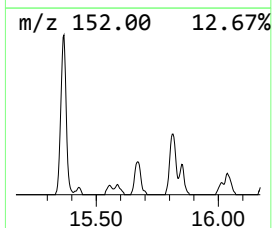
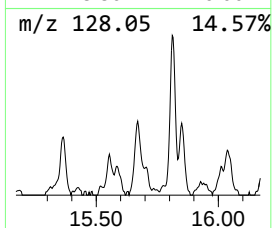
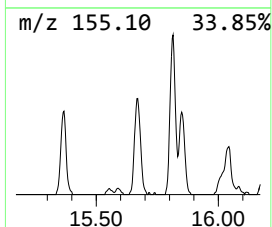
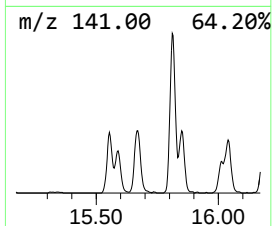
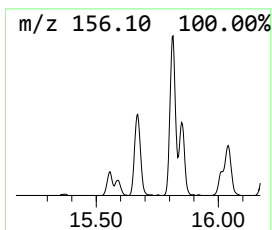
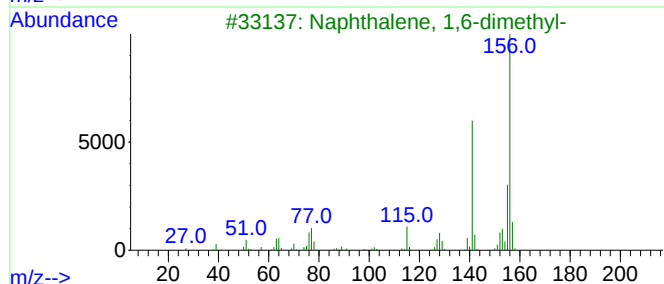
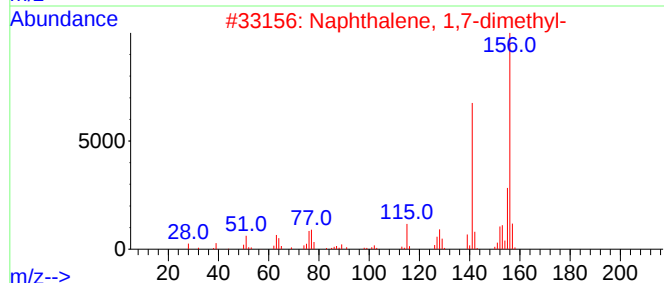
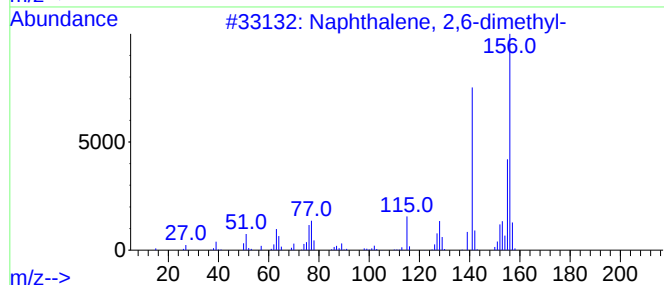
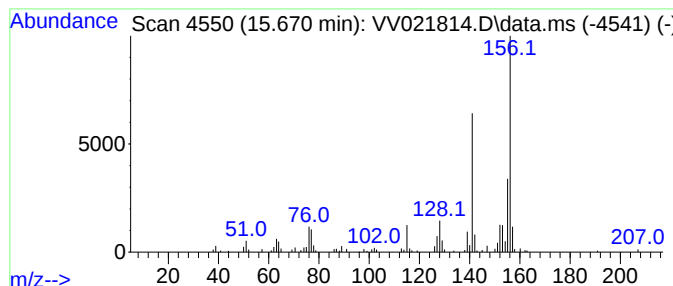
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.670	6.24 ug/L	158078	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021814.D
Acq On : 17 Aug 2021 14:17
Operator : SY/MD
Sample : M3364-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKC5

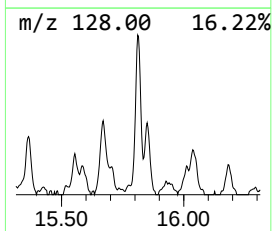
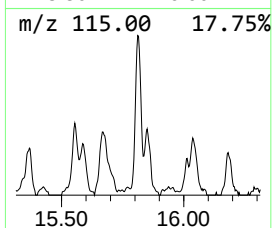
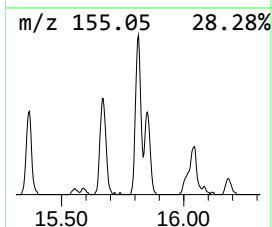
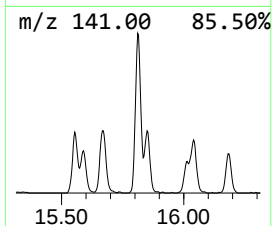
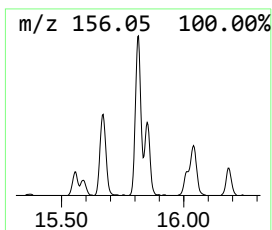
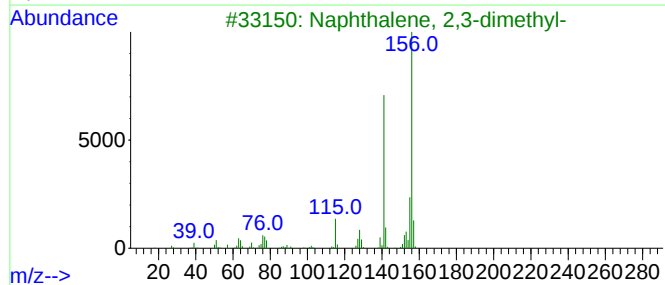
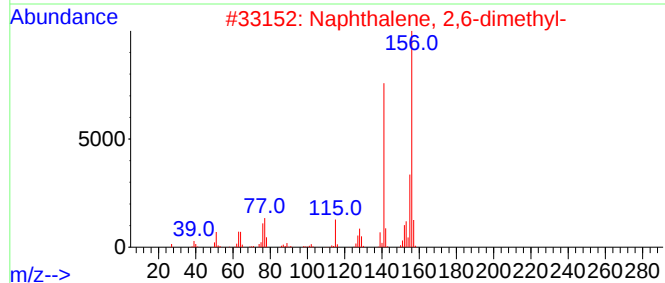
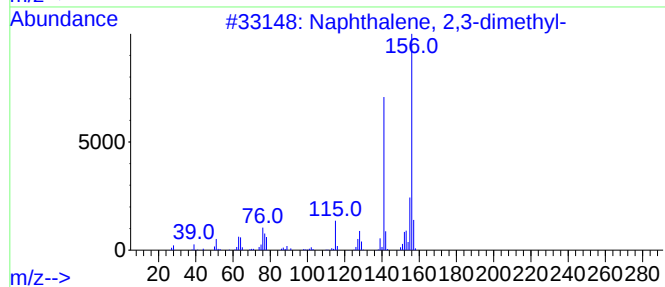
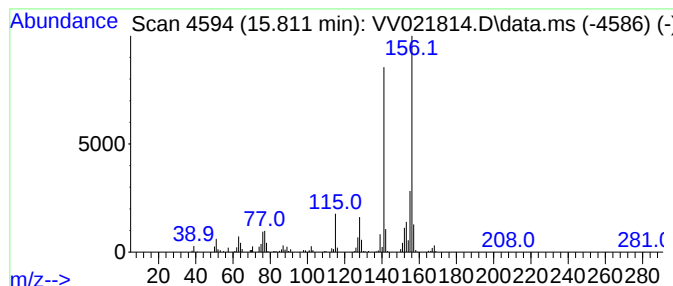
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.812	8.09 ug/L	204932	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
Data File : VV021814.D
Acq On : 17 Aug 2021 14:17
Operator : SY/MD
Sample : M3364-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKC5

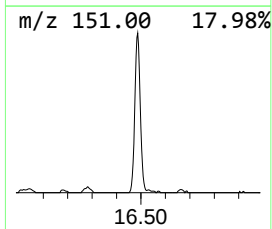
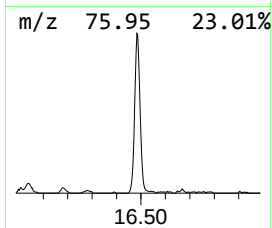
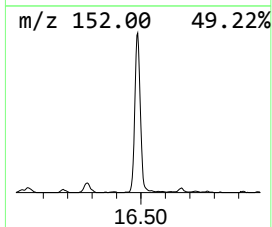
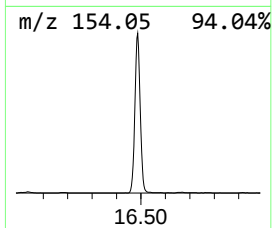
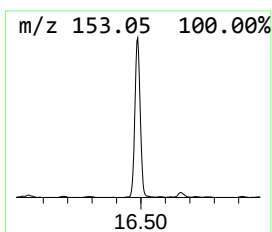
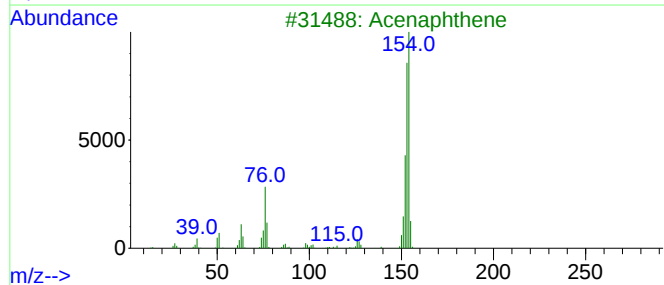
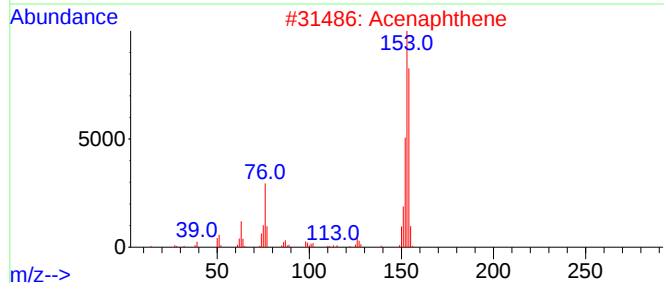
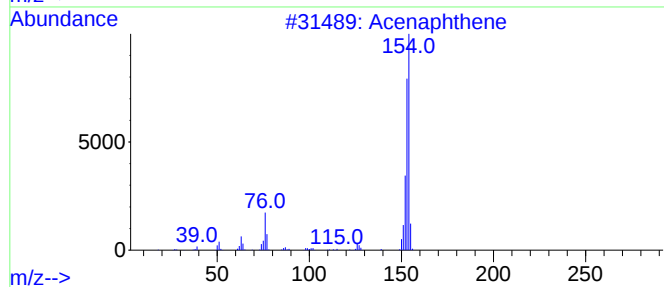
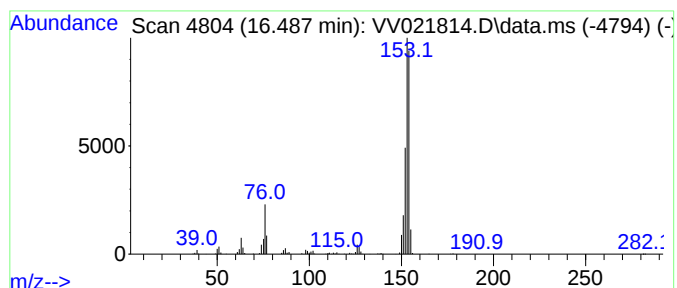
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	19.75 ug/L	500548	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	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\VV081721\
Data File : VV021814.D
Acq On : 17 Aug 2021 14:17
Operator : SY/MD
Sample : M3364-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKC5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Azulene	13.503	58.5	ug/L	1482920	3	11.249	1267160	50.0
Benzo[c]thiophene	13.625	6.5	ug/L	164595	3	11.249	1267160	50.0
Naphthalene, 2,...	15.670	6.2	ug/L	158078	3	11.249	1267160	50.0
Naphthalene, 2,...	15.812	8.1	ug/L	204932	3	11.249	1267160	50.0
Naphthalene, 2-...	16.487	19.8	ug/L	500548	3	11.249	1267160	50.0