

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021888.D
 Acq On : 19 Aug 2021 13:59
 Operator : SY/MD
 Sample : VIBLK205
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK205

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: VV021888.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	99	rVB	199899	193560	13.35%	1.612%
2	1.558	154	161	183	rVB	151959	182209	12.57%	1.518%
3	2.105	321	331	344	rBV	297519	436002	30.07%	3.631%
4	2.507	448	456	465	rVB5	2129	3489	0.24%	0.029%
5	2.671	505	507	509	rBV	277	154	0.01%	0.001%
6	2.870	566	569	572	rBV	307	237	0.02%	0.002%
7	3.076	631	633	635	rBV	240	149	0.01%	0.001%
8	3.233	680	682	686	rVV2	327	170	0.01%	0.001%
9	3.269	689	693	696	rBV3	304	297	0.02%	0.002%
10	3.339	710	715	718	rBV	534	355	0.02%	0.003%
11	3.420	738	740	745	rVB2	331	187	0.01%	0.002%
12	3.532	771	775	778	rBV2	436	313	0.02%	0.003%
13	3.687	820	823	828	rVB3	489	426	0.03%	0.004%
14	3.725	831	835	840	rBV2	286	278	0.02%	0.002%
15	3.799	855	858	863	rBV3	220	175	0.01%	0.001%
16	3.876	871	882	916	rBV2	125719	335453	23.14%	2.794%
17	4.349	1014	1029	1060	rBV	224729	562888	38.82%	4.688%
18	4.712	1141	1142	1146	rVB2	559	249	0.02%	0.002%
19	4.751	1150	1154	1156	rVB2	323	204	0.01%	0.002%
20	4.767	1156	1159	1163	rVB2	395	280	0.02%	0.002%
21	4.789	1163	1166	1167	rBV	338	215	0.01%	0.002%
22	4.886	1192	1196	1198	rBV2	236	169	0.01%	0.001%
23	5.047	1229	1246	1274	rBV2	568086	1449895	100.00%	12.076%
24	5.394	1350	1354	1356	rBV3	493	334	0.02%	0.003%
25	5.404	1356	1357	1359	rBV	367	188	0.01%	0.002%
26	5.458	1371	1374	1377	rBV2	275	234	0.02%	0.002%
27	5.478	1378	1380	1383	rBV2	286	195	0.01%	0.002%
28	5.619	1411	1424	1449	rBV	467248	940041	64.84%	7.830%
29	5.844	1492	1494	1498	rBV2	448	256	0.02%	0.002%
30	5.908	1502	1514	1532	rBV	26831	56226	3.88%	0.468%
31	6.072	1551	1565	1595	rBV	318862	651322	44.92%	5.425%
32	6.391	1661	1664	1666	rBV3	484	276	0.02%	0.002%
33	6.432	1671	1677	1682	rBV5	487	434	0.03%	0.004%
34	6.455	1682	1684	1687	rBV2	365	203	0.01%	0.002%
35	6.477	1687	1691	1695	rVB2	394	292	0.02%	0.002%
36	6.516	1701	1703	1705	rVV	362	186	0.01%	0.002%

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Integrator: RTE

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 Title : VOC Analysis

37	6.529	1705	1707	1712	rVB3	555	384	0.03%	0.003%
38	6.645	1737	1743	1744	rBV2	741	752	0.05%	0.006%
39	6.940	1831	1835	1839	rBV3	326	312	0.02%	0.003%
40	6.989	1839	1850	1878	rBV	178633	328440	22.65%	2.736%
41	7.317	1940	1952	1971	rBV	672804	1174091	80.98%	9.779%
42	7.622	2037	2047	2070	rBV	118065	211806	14.61%	1.764%
43	7.838	2113	2114	2121	rVB4	418	277	0.02%	0.002%
44	7.902	2132	2134	2136	rVB	654	204	0.01%	0.002%
45	7.921	2136	2140	2142	rBV2	511	312	0.02%	0.003%
46	7.982	2154	2159	2161	rBV3	742	662	0.05%	0.006%
47	8.092	2182	2193	2237	rBV2	333967	639626	44.12%	5.328%
48	8.384	2281	2284	2286	rBV3	582	375	0.03%	0.003%
49	8.493	2314	2318	2322	rVB5	762	581	0.04%	0.005%
50	8.516	2322	2325	2328	rVV2	306	257	0.02%	0.002%
51	8.542	2331	2333	2340	rVB2	512	480	0.03%	0.004%
52	8.641	2360	2364	2370	rVB4	591	458	0.03%	0.004%
53	8.667	2370	2372	2374	rBV	255	174	0.01%	0.001%
54	8.738	2392	2394	2397	rBV	264	164	0.01%	0.001%
55	8.757	2397	2400	2402	rVV	441	190	0.01%	0.002%
56	8.770	2402	2404	2409	rVB3	362	319	0.02%	0.003%
57	8.854	2417	2430	2459	rBV	687588	1117409	77.07%	9.307%
58	9.117	2510	2512	2515	rBV	388	260	0.02%	0.002%
59	9.146	2515	2521	2522	rBV3	1339	1262	0.09%	0.011%
60	9.201	2535	2538	2541	rBV3	299	242	0.02%	0.002%
61	9.281	2560	2563	2567	rVB3	453	310	0.02%	0.003%
62	9.313	2569	2573	2576	rBV3	395	207	0.01%	0.002%
63	9.484	2622	2626	2630	rBV2	331	342	0.02%	0.003%
64	9.535	2639	2642	2643	rBV	279	156	0.01%	0.001%
65	9.551	2643	2647	2653	rVV3	847	793	0.05%	0.007%
66	9.847	2735	2739	2741	rVB	409	289	0.02%	0.002%
67	9.863	2741	2744	2748	rBV2	203	169	0.01%	0.001%
68	9.969	2775	2777	2780	rVB2	390	187	0.01%	0.002%
69	9.989	2780	2783	2784	rBV	356	159	0.01%	0.001%
70	10.082	2807	2812	2814	rBV2	249	253	0.02%	0.002%
71	10.133	2819	2828	2836	rBV4	2940	4880	0.34%	0.041%
72	10.217	2841	2854	2877	rBV	440251	701952	48.41%	5.847%
73	10.464	2927	2931	2933	rBV2	378	256	0.02%	0.002%
74	10.548	2949	2957	2961	rBV4	660	1004	0.07%	0.008%
75	10.667	2990	2994	3000	rVB4	438	476	0.03%	0.004%
76	10.821	3039	3042	3045	rBV2	436	324	0.02%	0.003%

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Instrument :
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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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 Title : VOC Analysis

77	10.921	3063	3073	3081	rBV4	4076	5663	0.39%	0.047%
78	11.098	3125	3128	3133	rBV	369	348	0.02%	0.003%
79	11.149	3138	3144	3148	rBV4	1473	1995	0.14%	0.017%
80	11.252	3164	3176	3194	rBV	672611	1047811	72.27%	8.727%
81	11.493	3250	3251	3254	rVB2	376	197	0.01%	0.002%
82	11.532	3254	3263	3265	rBV6	2546	2722	0.19%	0.023%
83	11.625	3276	3292	3312	rBV	659937	1036821	71.51%	8.636%
84	11.751	3323	3331	3342	rVB	16878	27126	1.87%	0.226%
85	12.066	3425	3429	3430	rBV	365	182	0.01%	0.002%
86	12.249	3482	3486	3487	rBV2	414	306	0.02%	0.003%
87	12.326	3507	3510	3511	rBV	290	166	0.01%	0.001%
88	12.361	3519	3521	3524	rBV2	576	356	0.02%	0.003%
89	12.477	3548	3557	3561	rBV5	1936	3047	0.21%	0.025%
90	12.590	3591	3592	3594	rBV2	427	188	0.01%	0.002%
91	12.603	3594	3596	3600	rVB4	639	414	0.03%	0.003%
92	13.053	3729	3736	3743	rVB7	5059	6371	0.44%	0.053%
93	13.329	3820	3822	3827	rBV3	464	433	0.03%	0.004%
94	13.374	3834	3836	3839	rBV2	484	358	0.02%	0.003%
95	13.503	3865	3876	3899	rBV	323145	501026	34.56%	4.173%
96	13.628	3907	3915	3931	rVB	16967	27553	1.90%	0.229%
97	14.635	4219	4228	4243	rBV	91641	144294	9.95%	1.202%
98	14.818	4276	4285	4301	rVB	51081	81888	5.65%	0.682%
99	15.368	4449	4456	4472	rVB	19023	28263	1.95%	0.235%
100	16.487	4796	4804	4817	rVB2	50814	80254	5.54%	0.668%

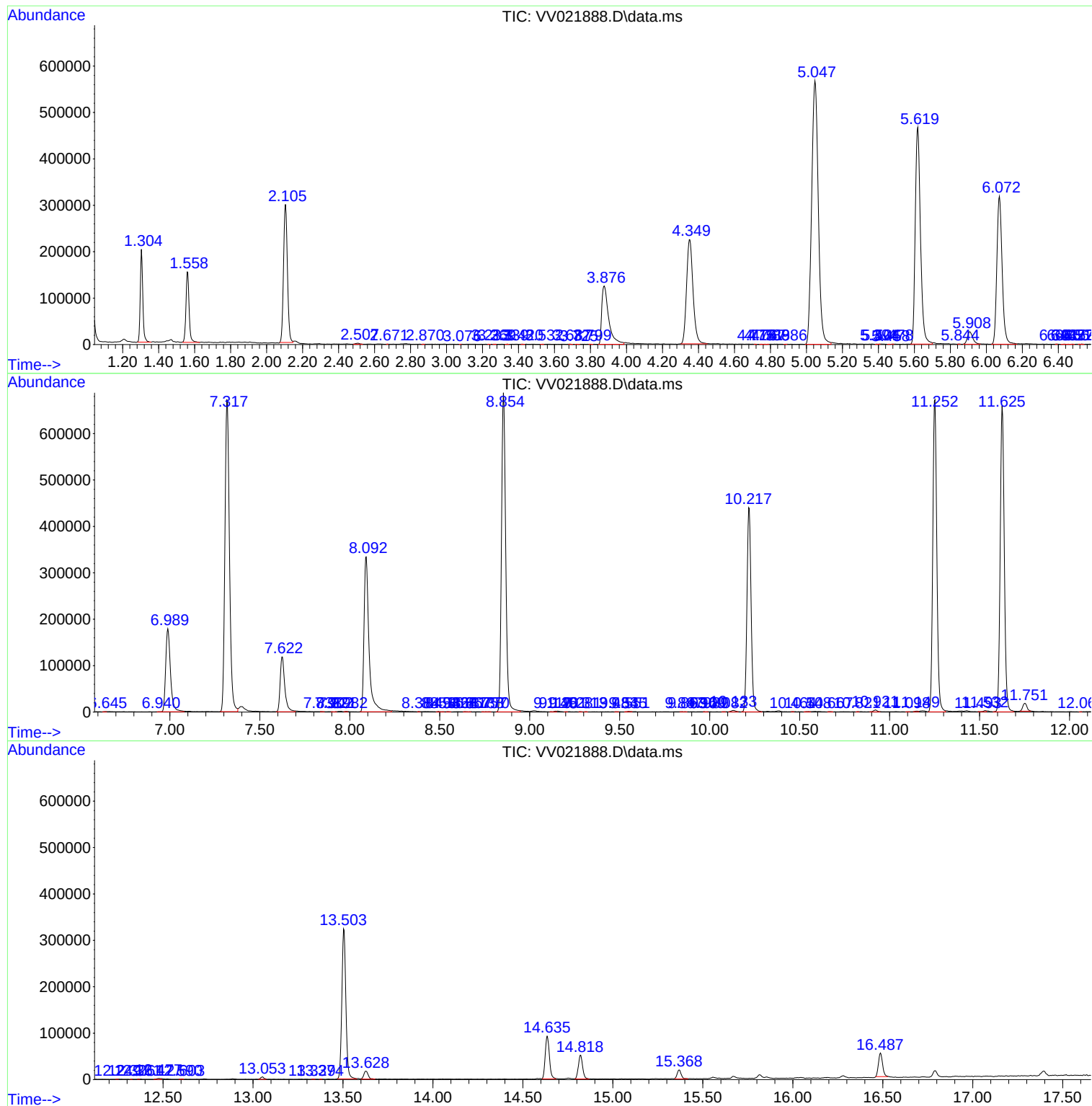
Sum of corrected areas: 12006117

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK205

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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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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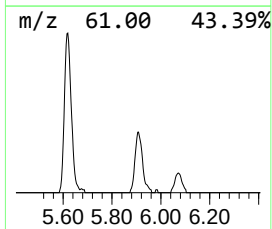
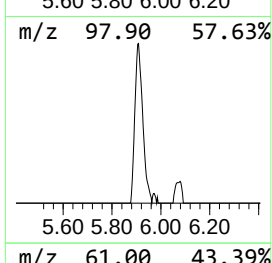
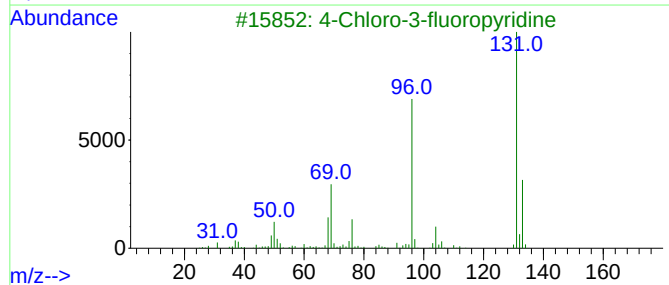
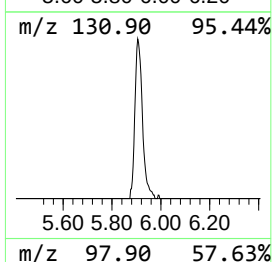
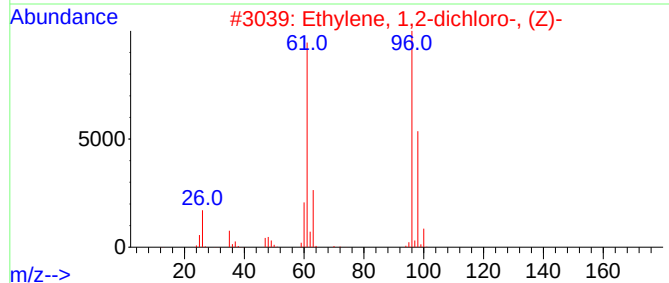
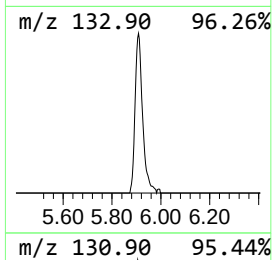
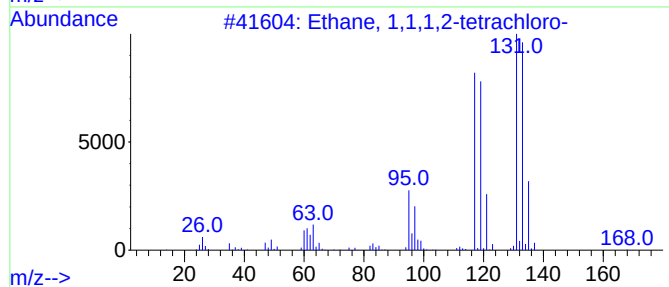
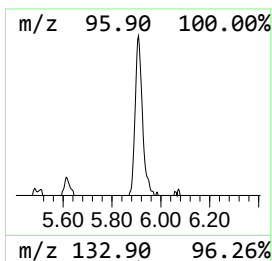
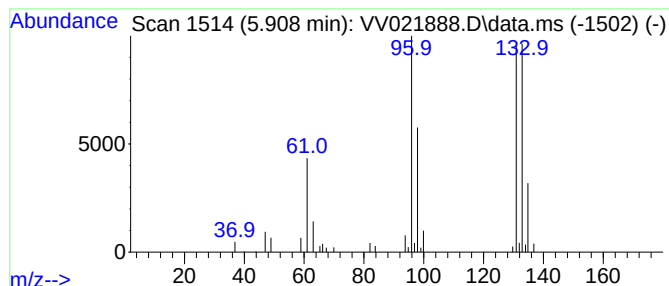
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	2.99 ug/L	56226	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3			4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	27
4			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	25
5			Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25



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ALS Vial : 13 Sample Multiplier: 1

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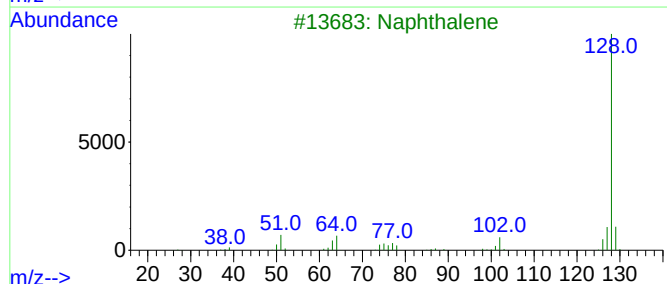
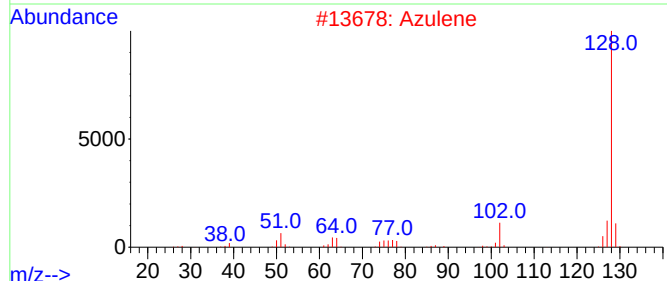
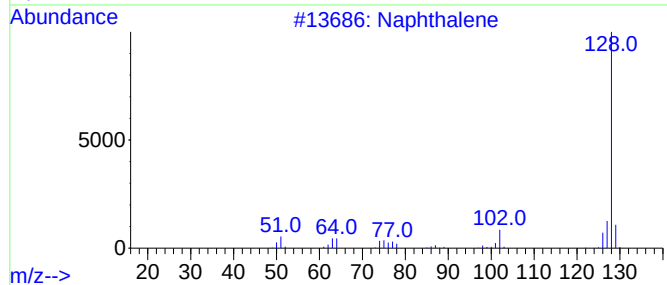
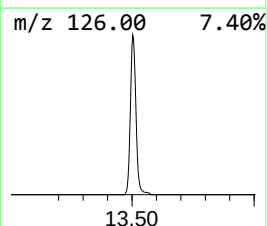
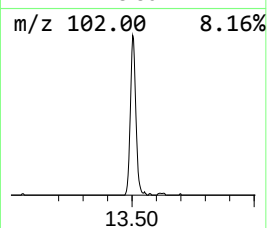
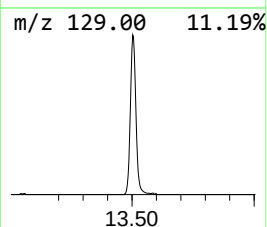
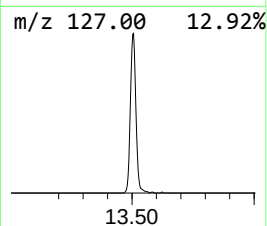
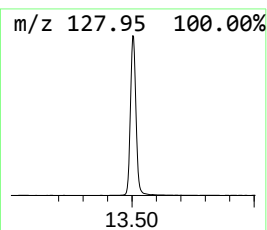
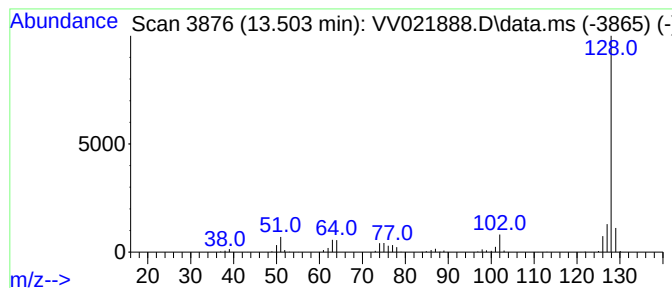
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	23.91 ug/L	501026	1,4-Dichlorobenzene-d4	11.252

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



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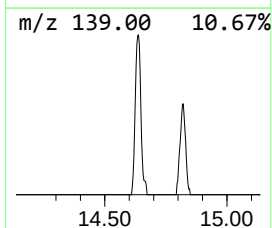
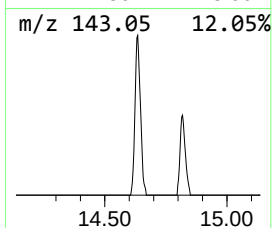
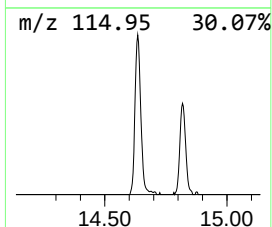
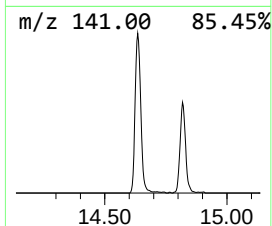
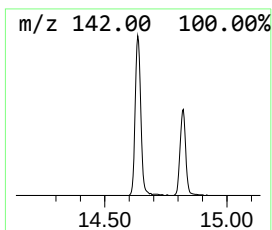
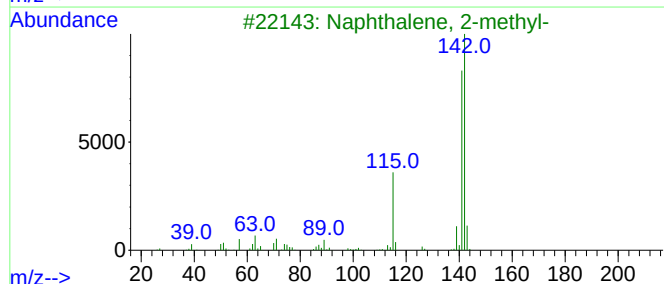
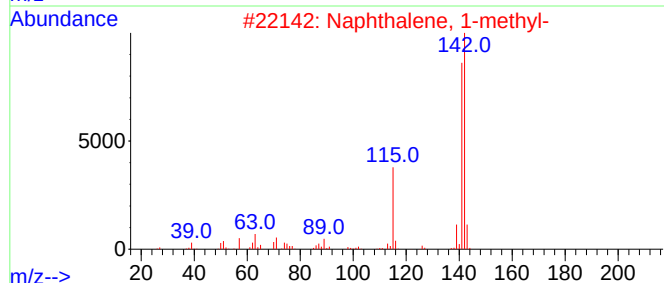
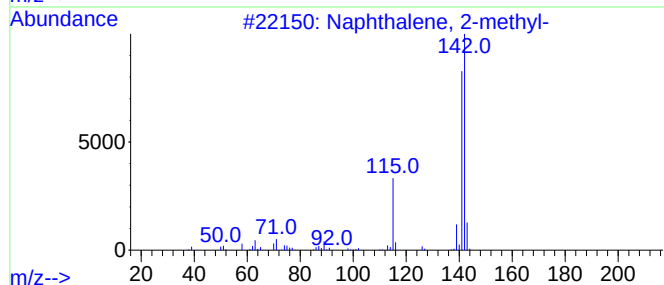
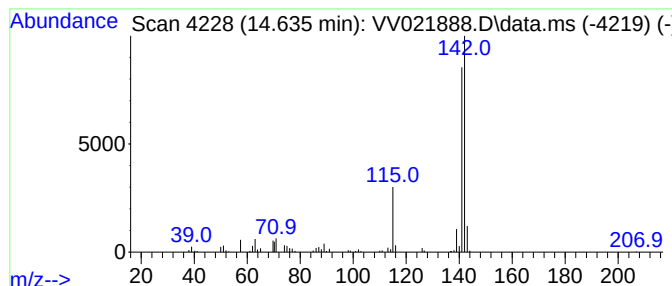
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	6.89 ug/L	144294	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021888.D
Acq On : 19 Aug 2021 13:59
Operator : SY/MD
Sample : VIBLK205
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK205

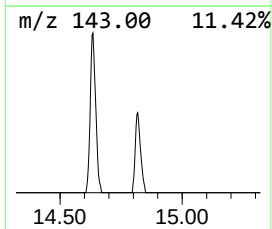
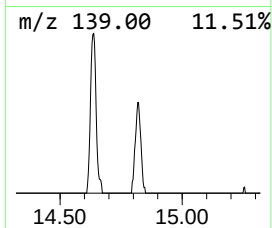
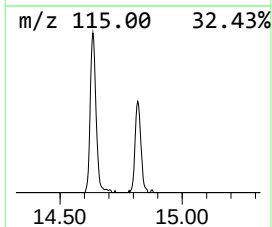
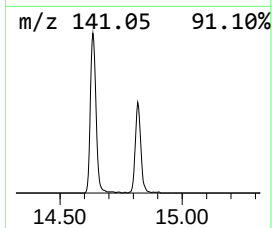
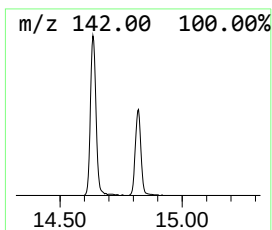
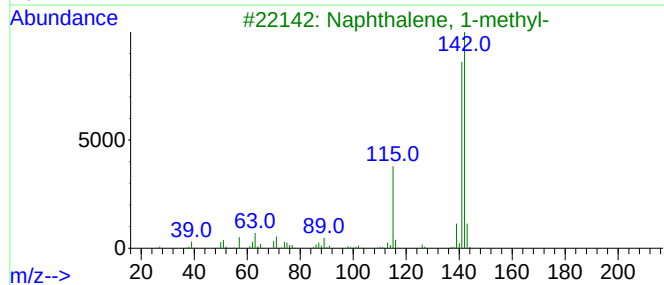
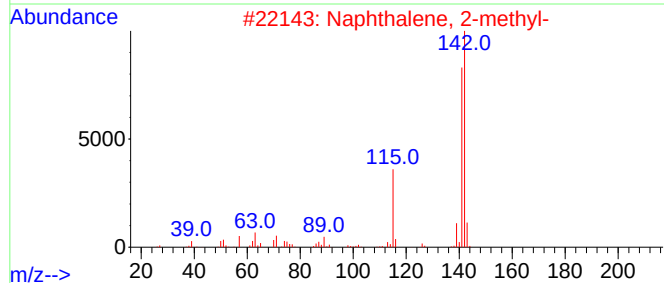
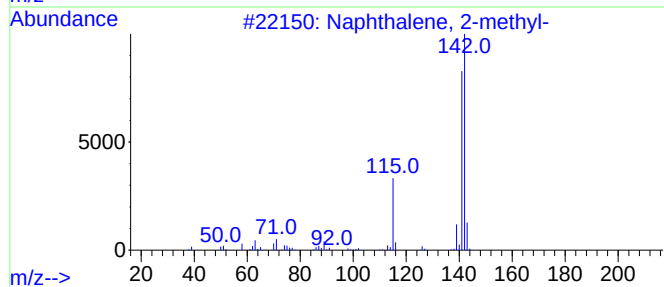
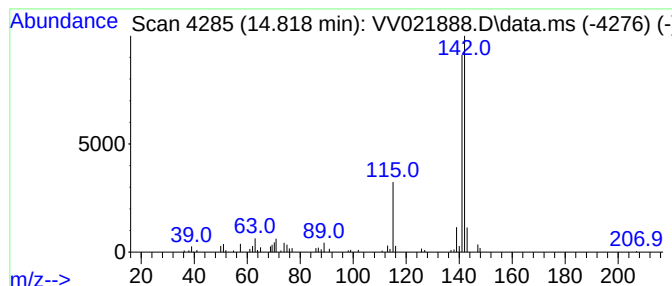
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.818	3.91 ug/L	81888	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021888.D
Acq On : 19 Aug 2021 13:59
Operator : SY/MD
Sample : VIBLK205
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK205

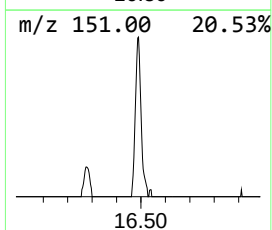
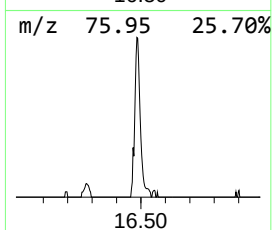
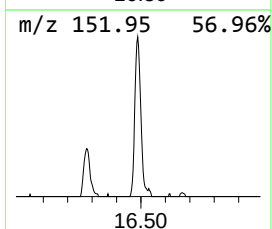
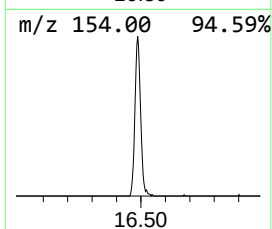
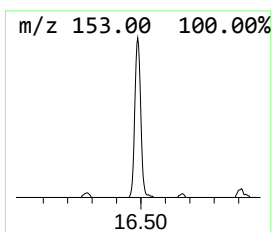
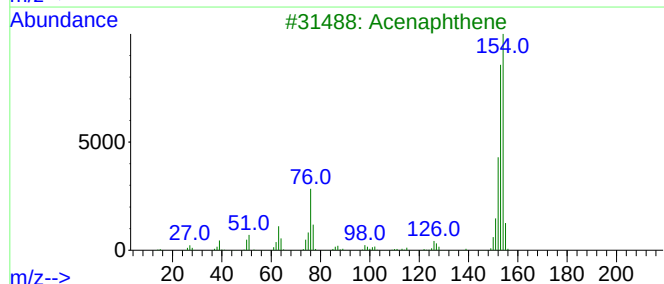
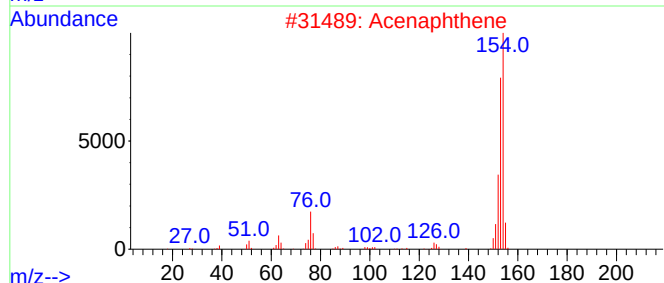
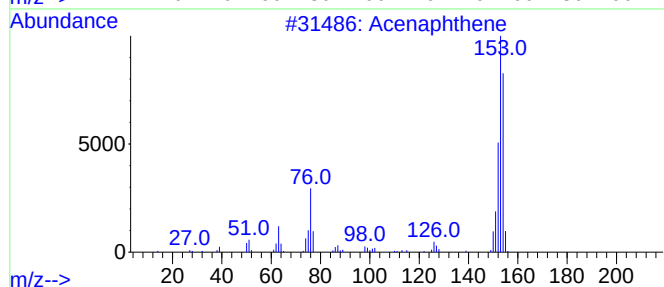
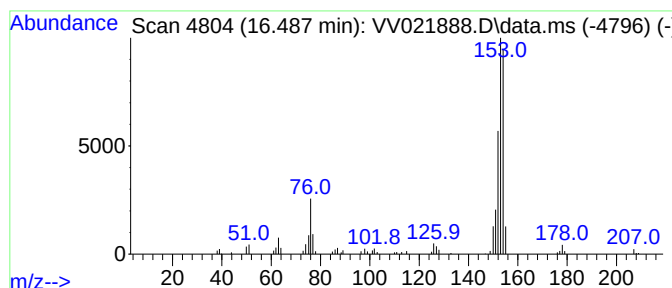
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	3.83 ug/L	80254	1,4-Dichlorobenzene-d4	11.252

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acenaphthene	154	C12H10	000083-32-9	86
2		Acenaphthene	154	C12H10	000083-32-9	76
3		Acenaphthene	154	C12H10	000083-32-9	76
4		Acenaphthene	154	C12H10	000083-32-9	76
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
Data File : VV021888.D
Acq On : 19 Aug 2021 13:59
Operator : SY/MD
Sample : VIBLK205
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK205

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
unknown-01	5.908	3.0	ug/L	56226	1	5.619	940041	50.0
Azulene	13.503	23.9	ug/L	501026	3	11.252	1047810	50.0
Naphthalene, 2-...	14.635	6.9	ug/L	144294	3	11.252	1047810	50.0
Naphthalene, 1-...	14.818	3.9	ug/L	81888	3	11.252	1047810	50.0
Acenaphthene	16.487	3.8	ug/L	80254	3	11.252	1047810	50.0