

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051043.D
 Acq On : 30 Sep 2022 18:54
 Operator : JC/MD
 Sample : N4859-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E10047

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: VU051043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	97	rBV	195161	236422	13.66%	1.755%
2	1.900	166	174	194	rVB	178543	249392	14.41%	1.851%
3	2.565	368	381	395	rBV	320110	514604	29.73%	3.819%
4	2.629	395	401	413	rVB2	4515	9009	0.52%	0.067%
5	2.771	433	445	447	rBV2	4010	6576	0.38%	0.049%
6	3.002	514	517	522	rVB	543	343	0.02%	0.003%
7	3.038	522	528	537	rBV6	1621	2540	0.15%	0.019%
8	3.182	561	573	585	rBV4	3037	7125	0.41%	0.053%
9	3.346	617	624	628	rBV3	618	537	0.03%	0.004%
10	3.472	658	663	666	rBV2	578	552	0.03%	0.004%
11	3.559	686	690	693	rBV	495	394	0.02%	0.003%
12	3.613	701	707	710	rBV3	419	498	0.03%	0.004%
13	3.800	762	765	773	rVB2	467	665	0.04%	0.005%
14	3.861	776	784	788	rBV2	413	619	0.04%	0.005%
15	3.890	791	793	799	rVB2	374	366	0.02%	0.003%
16	3.935	802	807	810	rBV3	529	432	0.02%	0.003%
17	4.218	889	895	897	rBV	473	345	0.02%	0.003%
18	4.256	905	907	912	rVB2	498	335	0.02%	0.002%
19	4.282	912	915	918	rBV2	398	333	0.02%	0.002%
20	4.620	1007	1020	1064	rBV	192981	497979	28.77%	3.696%
21	5.060	1140	1157	1184	rBV	314228	692043	39.98%	5.136%
22	5.272	1219	1223	1225	rBV5	719	568	0.03%	0.004%
23	5.523	1291	1301	1313	rBV4	2450	3745	0.22%	0.028%
24	5.723	1339	1363	1396	rBV2	637272	1730981	100.00%	12.846%
25	5.948	1430	1433	1436	rVB3	751	461	0.03%	0.003%
26	5.970	1436	1440	1444	rVV6	557	579	0.03%	0.004%
27	5.996	1447	1448	1452	rVB3	700	388	0.02%	0.003%
28	6.157	1495	1498	1506	rVB2	554	557	0.03%	0.004%
29	6.195	1506	1510	1512	rBV	566	398	0.02%	0.003%
30	6.247	1512	1526	1550	rBV	513956	975864	56.38%	7.242%
31	6.530	1604	1614	1626	rVB2	11563	21273	1.23%	0.158%
32	6.591	1628	1633	1635	rBV3	365	388	0.02%	0.003%
33	6.687	1648	1663	1682	rBV	409272	803799	46.44%	5.965%
34	6.796	1693	1697	1700	rBV5	1579	1279	0.07%	0.009%
35	6.845	1710	1712	1716	rVB4	771	476	0.03%	0.004%
36	6.903	1726	1730	1733	rBV4	628	407	0.02%	0.003%

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Integrator: RTE

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Stop Thrs : 0

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

37	7.108	1791	1794	1798	rVB2	572	472	0.03%	0.004%
38	7.179	1810	1816	1818	rBV2	1730	1716	0.10%	0.013%
39	7.237	1829	1834	1839	rBV2	614	598	0.03%	0.004%
40	7.420	1887	1891	1894	rBV2	523	407	0.02%	0.003%
41	7.456	1899	1902	1908	rVB	497	437	0.03%	0.003%
42	7.494	1908	1914	1917	rBV2	378	371	0.02%	0.003%
43	7.565	1922	1936	1956	rBV	209485	368426	21.28%	2.734%
44	7.694	1972	1976	1980	rVB4	712	610	0.04%	0.005%
45	7.896	2022	2039	2058	rBV	718219	1237926	71.52%	9.187%
46	8.176	2115	2126	2141	rBV	146486	249940	14.44%	1.855%
47	8.552	2234	2243	2248	rBV6	2021	2837	0.16%	0.021%
48	8.632	2255	2268	2304	rBV3	509520	1080523	62.42%	8.019%
49	8.851	2333	2336	2344	rBV4	1021	1103	0.06%	0.008%
50	8.960	2366	2370	2375	rVB3	590	461	0.03%	0.003%
51	9.083	2405	2408	2410	rBV	663	366	0.02%	0.003%
52	9.163	2431	2433	2438	rVB3	689	417	0.02%	0.003%
53	9.414	2498	2511	2533	rBV	727845	1217890	70.36%	9.038%
54	9.575	2556	2561	2571	rVB7	1766	2288	0.13%	0.017%
55	9.732	2607	2610	2617	rVB2	434	413	0.02%	0.003%
56	9.941	2672	2675	2680	rBV3	313	378	0.02%	0.003%
57	10.247	2762	2770	2774	rBV2	498	808	0.05%	0.006%
58	10.452	2829	2834	2837	rBV2	401	388	0.02%	0.003%
59	10.755	2914	2928	2948	rBV	604046	966658	55.84%	7.174%
60	11.118	3038	3041	3048	rVB4	687	718	0.04%	0.005%
61	11.246	3077	3081	3085	rBV2	417	365	0.02%	0.003%
62	11.745	3232	3236	3239	rBV2	434	335	0.02%	0.002%
63	11.809	3243	3256	3279	rBV	593438	942760	54.46%	6.996%
64	11.973	3303	3307	3308	rBV	665	478	0.03%	0.004%
65	12.054	3330	3332	3334	rBV3	768	459	0.03%	0.003%
66	12.092	3334	3344	3356	rVB4	10003	18449	1.07%	0.137%
67	12.192	3361	3375	3394	rBV	647333	1049125	60.61%	7.786%
68	12.314	3407	3413	3420	rVB5	3426	4680	0.27%	0.035%
69	12.378	3428	3433	3436	rVB3	775	798	0.05%	0.006%
70	12.401	3436	3440	3445	rBV3	538	643	0.04%	0.005%
71	12.562	3485	3490	3491	rBV2	716	512	0.03%	0.004%
72	12.597	3498	3501	3506	rVB3	520	489	0.03%	0.004%
73	12.668	3519	3523	3526	rBV2	339	337	0.02%	0.003%
74	12.799	3562	3564	3568	rBV4	653	528	0.03%	0.004%
75	12.915	3596	3600	3602	rBV3	1114	827	0.05%	0.006%
76	12.973	3612	3618	3622	rBV4	650	740	0.04%	0.005%

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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

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

77	13.025	3624	3634	3635	rBV4	3335	3104	0.18%	0.023%
78	13.108	3656	3660	3667	rVB4	905	1210	0.07%	0.009%
79	13.230	3694	3698	3704	rBV5	526	663	0.04%	0.005%
80	13.279	3710	3713	3715	rBV3	760	470	0.03%	0.003%
81	13.330	3726	3729	3733	rVB3	638	570	0.03%	0.004%
82	13.362	3737	3739	3745	rBV3	466	422	0.02%	0.003%
83	13.433	3755	3761	3762	rBV3	1027	1037	0.06%	0.008%
84	13.619	3816	3819	3821	rBV2	634	415	0.02%	0.003%
85	14.073	3952	3960	3961	rBV3	1486	1784	0.10%	0.013%
86	14.089	3961	3965	3977	rVB3	4268	5945	0.34%	0.044%
87	14.208	3995	4002	4010	rBV3	5891	8195	0.47%	0.061%
88	14.385	4054	4057	4059	rBV2	599	366	0.02%	0.003%
89	14.677	4146	4148	4153	rVB3	998	625	0.04%	0.005%
90	14.828	4189	4195	4197	rBV3	498	522	0.03%	0.004%
91	14.880	4208	4211	4221	rVB6	1290	1772	0.10%	0.013%
92	15.134	4286	4290	4292	rVB3	981	762	0.04%	0.006%
93	15.166	4296	4300	4304	rBV5	1591	1747	0.10%	0.013%
94	15.407	4366	4375	4389	rVB3	19255	33640	1.94%	0.250%
95	15.950	4535	4544	4558	rBV2	40043	70446	4.07%	0.523%
96	16.259	4631	4640	4650	rBV2	20901	38649	2.23%	0.287%
97	16.407	4676	4686	4699	rBV2	40209	67904	3.92%	0.504%
98	16.880	4825	4833	4849	rVB	40870	74232	4.29%	0.551%
99	17.095	4891	4900	4916	rBV2	85918	151377	8.75%	1.123%
100	17.401	4989	4995	5010	rVB	51533	89148	5.15%	0.662%

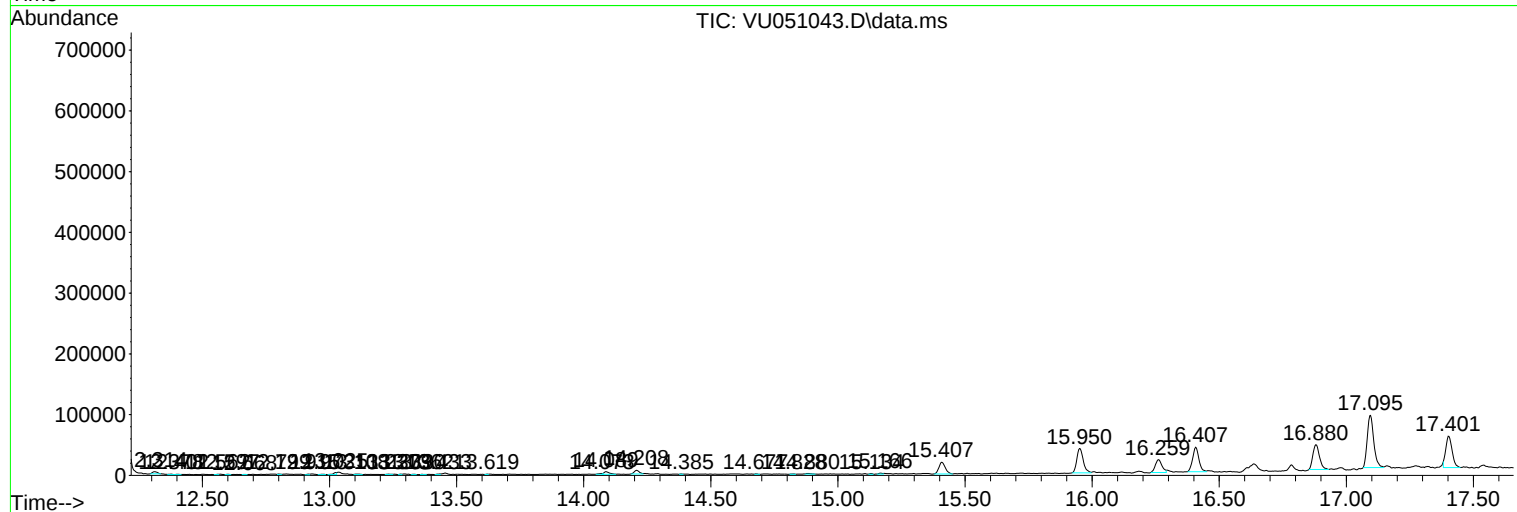
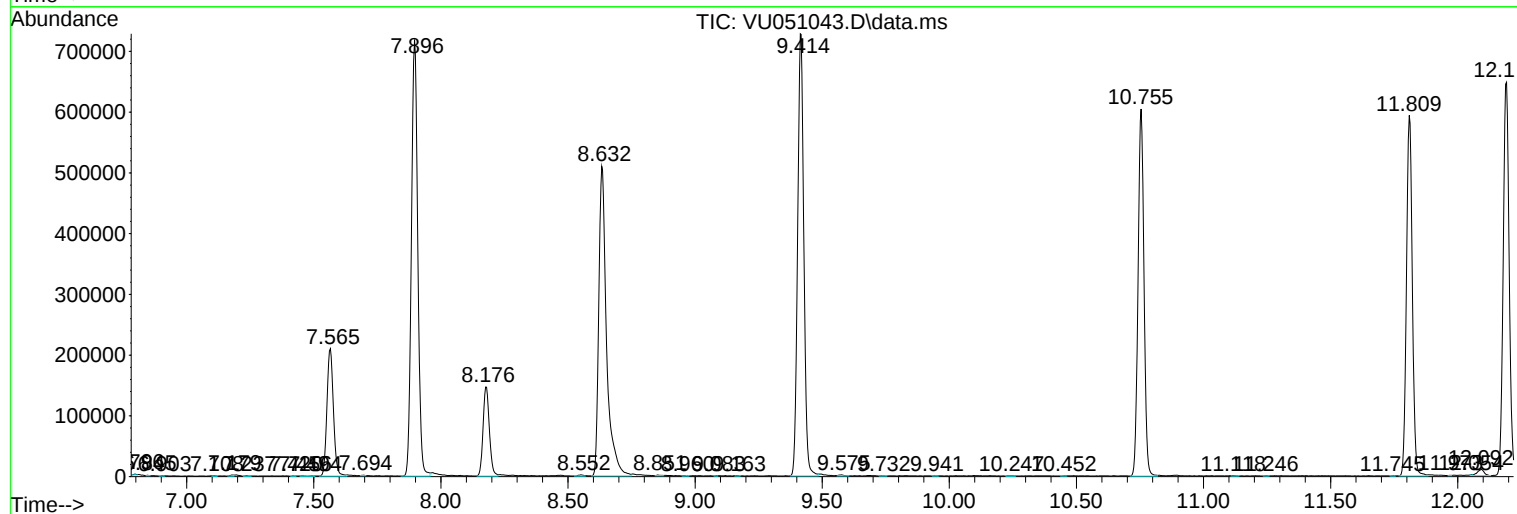
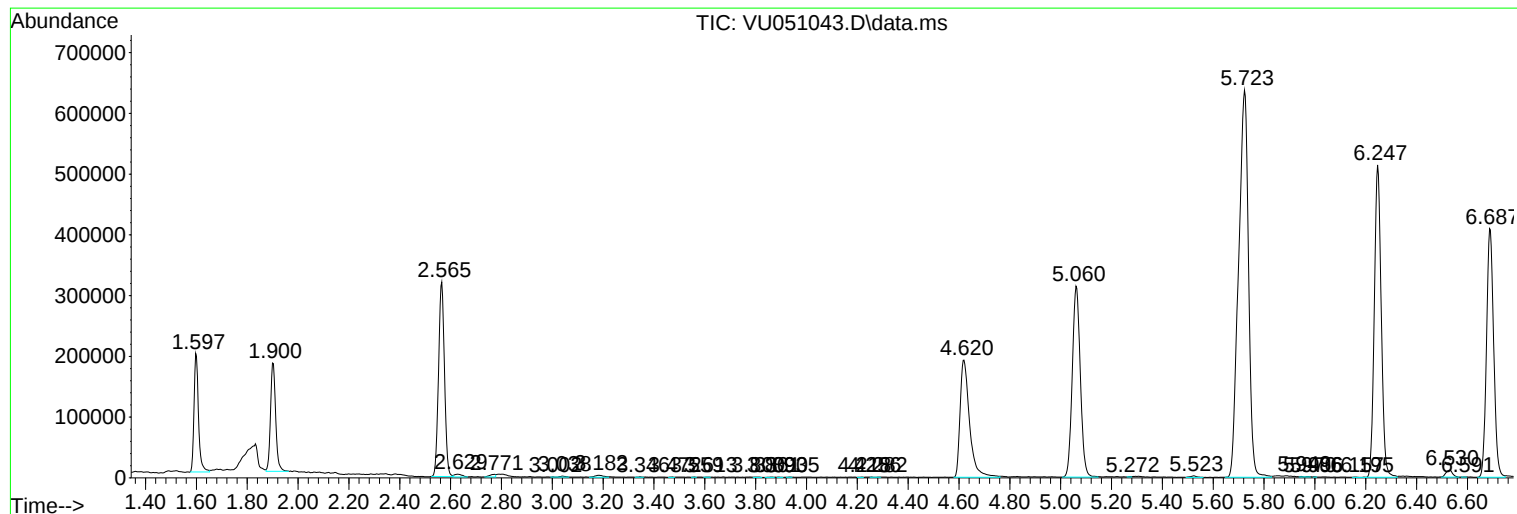
Sum of corrected areas: 13474953

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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



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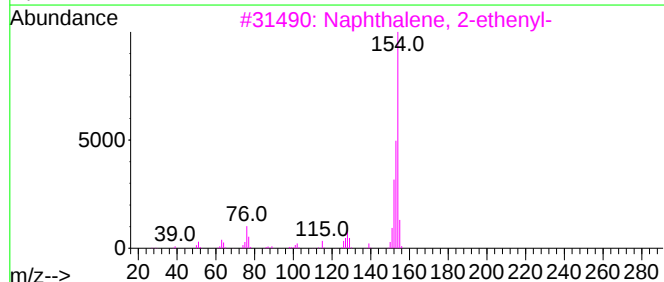
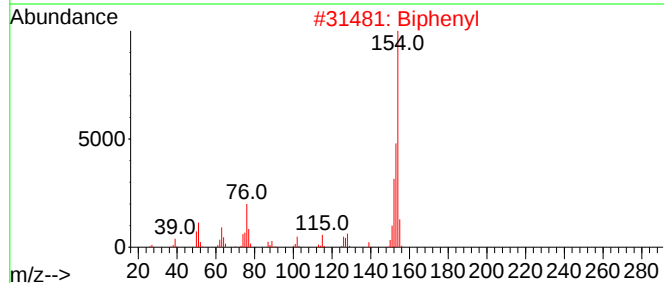
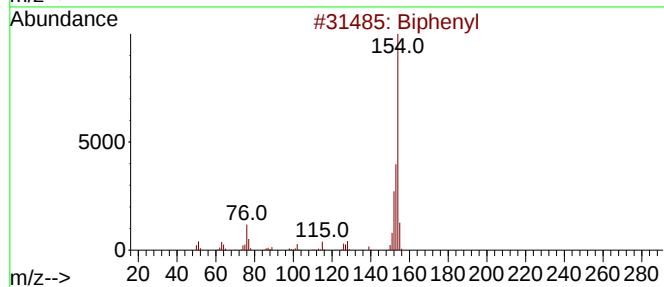
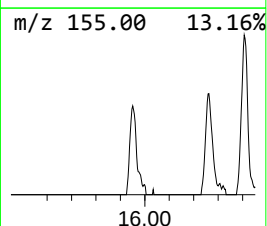
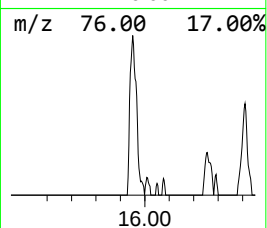
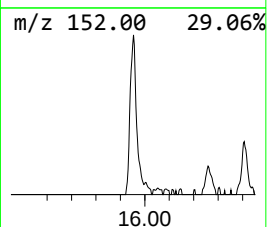
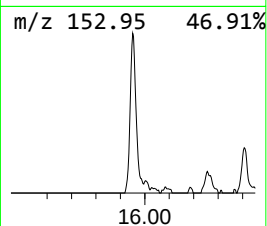
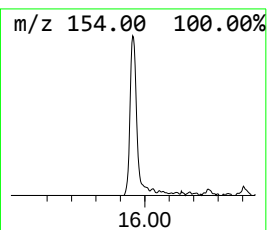
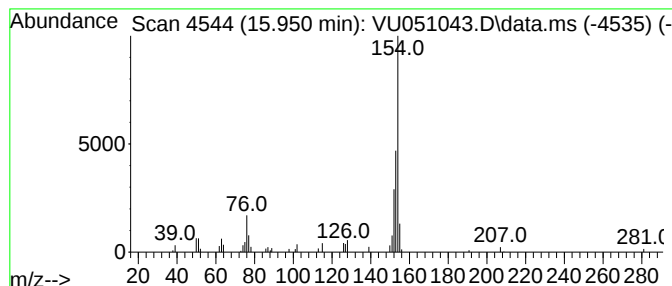
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 2-ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	3.74 ug/L	70446	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Biphenyl	154	C12H10	000092-52-4	94
2		Biphenyl	154	C12H10	000092-52-4	91
3		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	90
4		Biphenyl	154	C12H10	000092-52-4	76
5		Biphenyl	154	C12H10	000092-52-4	76



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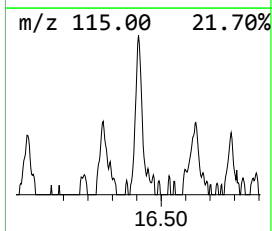
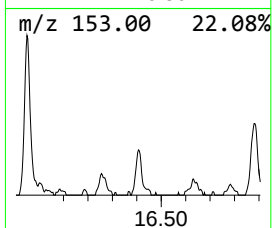
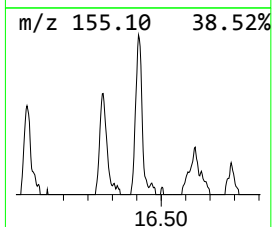
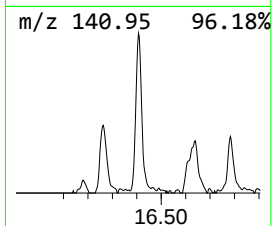
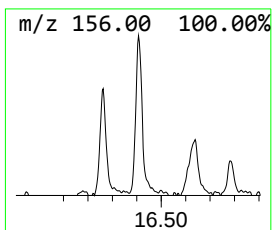
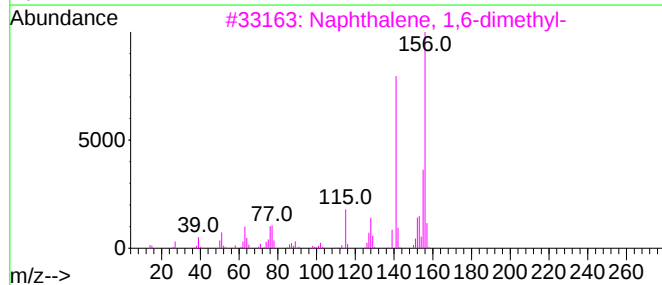
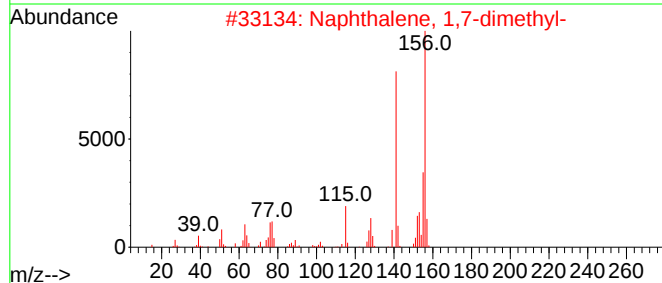
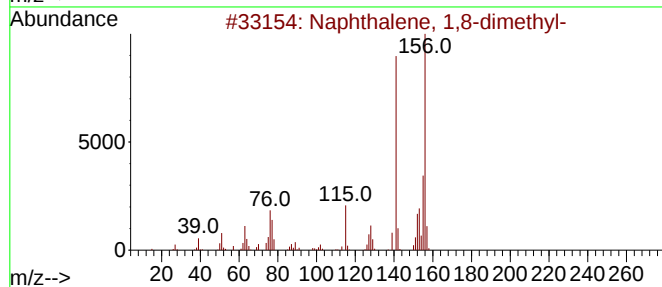
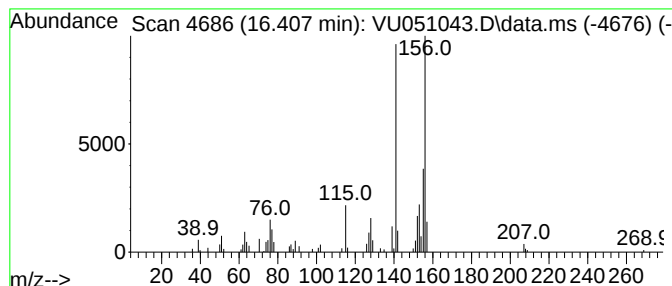
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.407	3.60 ug/L	67904	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	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, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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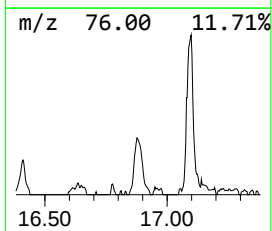
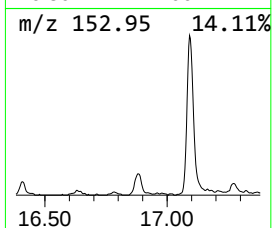
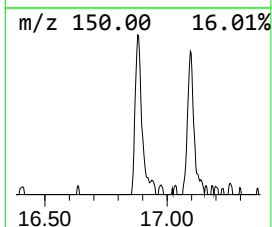
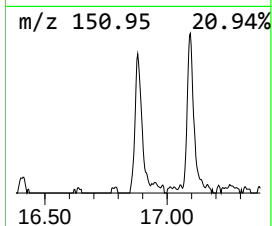
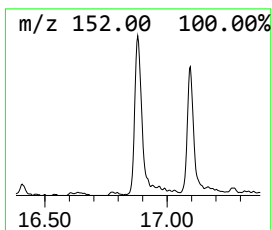
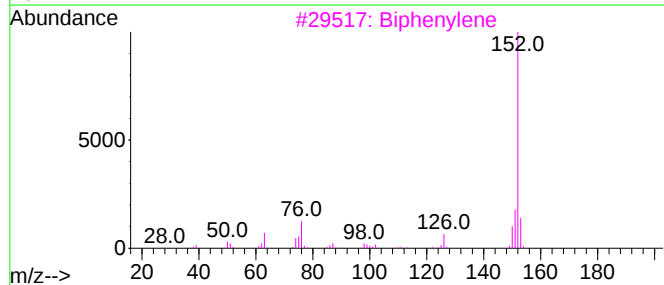
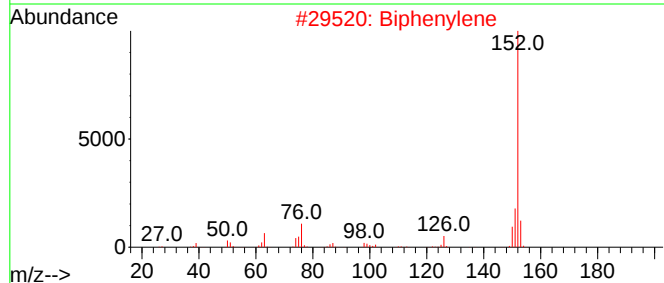
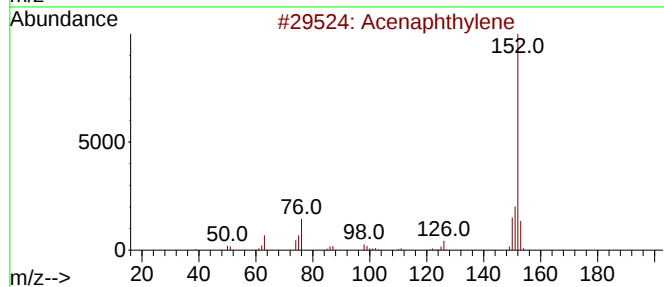
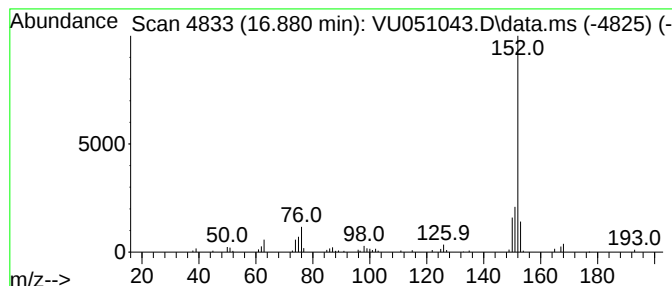
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	3.94 ug/L	74232	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acenaphthylene	152	C12H8	000208-96-8	95
2		Biphenylene	152	C12H8	000259-79-0	91
3		Biphenylene	152	C12H8	000259-79-0	87
4		Acenaphthylene	152	C12H8	000208-96-8	87
5		Acenaphthylene	152	C12H8	000208-96-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051043.D
Acq On : 30 Sep 2022 18:54
Operator : JC/MD
Sample : N4859-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10047

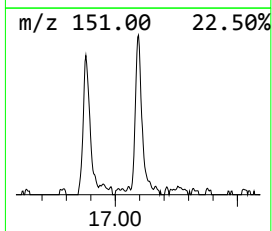
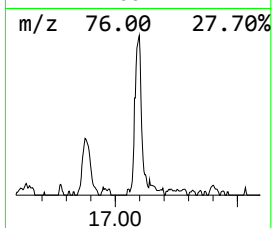
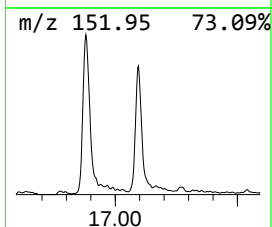
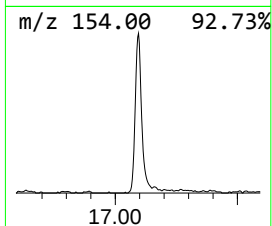
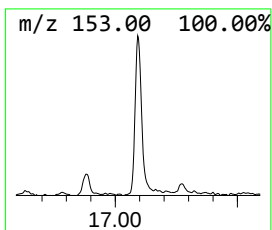
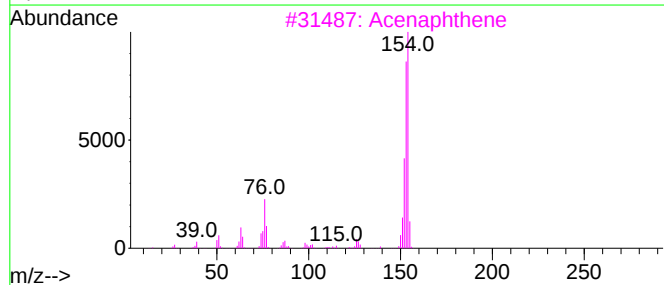
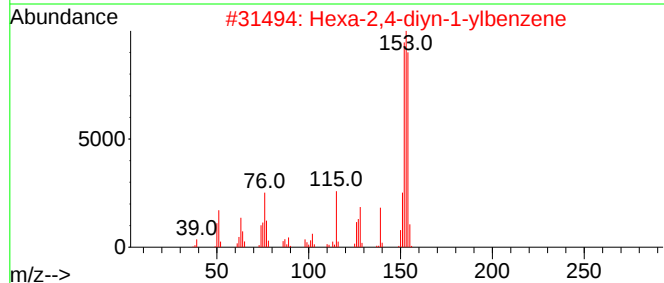
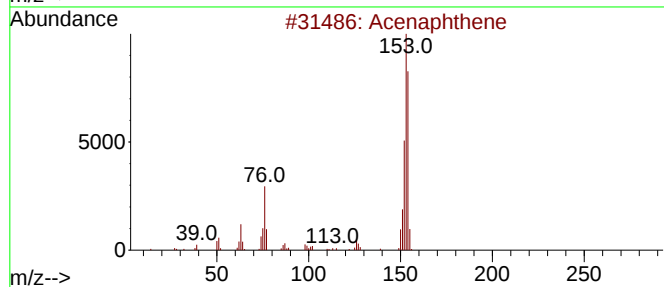
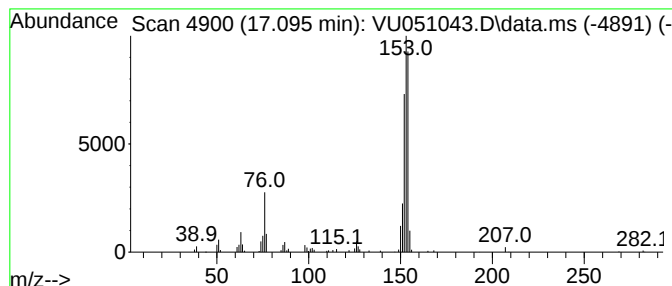
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	8.03 ug/L	151377	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	64
3			Acenaphthene	154	C12H10	000083-32-9	60
4			Acenaphthene	154	C12H10	000083-32-9	55
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051043.D
Acq On : 30 Sep 2022 18:54
Operator : JC/MD
Sample : N4859-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10047

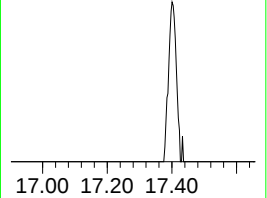
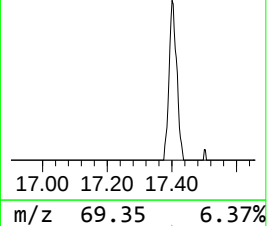
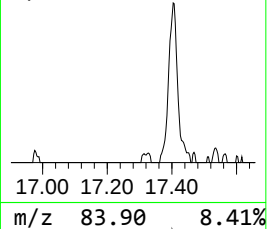
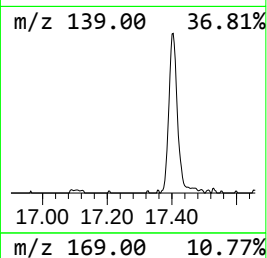
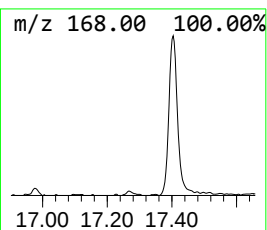
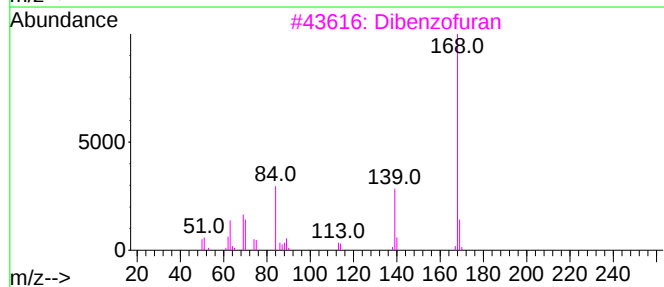
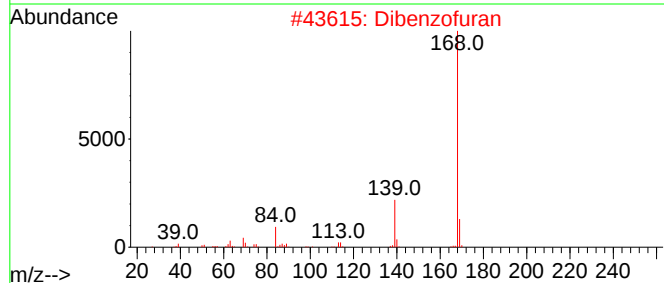
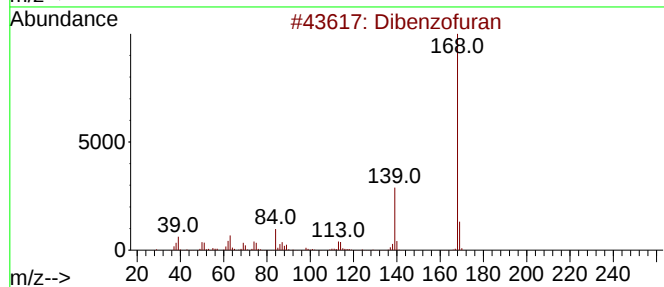
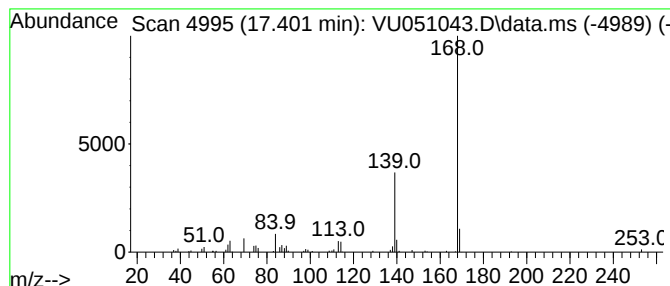
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 9H-Pyrido[3,4-b]indole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.401	4.73 ug/L	89148	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	95
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			Dibenzofuran	168	C12H8O	000132-64-9	64
4			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
Data File : VU051043.D
Acq On : 30 Sep 2022 18:54
Operator : JC/MD
Sample : N4859-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E10047

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2-...	15.951	3.7	ug/L	70446	3	11.809	942760	50.0
Naphthalene, 1,...	16.407	3.6	ug/L	67904	3	11.809	942760	50.0
Biphenylene	16.880	3.9	ug/L	74232	3	11.809	942760	50.0
Hexa-2,4-diyn-1...	17.095	8.0	ug/L	151377	3	11.809	942760	50.0
9H-Pyrido[3,4-b...	17.401	4.7	ug/L	89148	3	11.809	942760	50.0