

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059407.D
 Acq On : 21 Jun 2024 12:47
 Operator : MD/SY
 Sample : VIBLK047
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK047

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\SFAMULM052924WMA.M
 Title : VOC Analysis

Signal : TIC: VU059407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	88	95	112	rVB	80298	93240	13.41%	1.404%
2	1.908	185	192	208	rVB	63459	83797	12.05%	1.262%
3	2.560	383	395	410	rBV	124967	203175	29.22%	3.059%
4	3.039	533	544	562	rVB3	7021	14023	2.02%	0.211%
5	3.178	576	587	594	rBV2	2046	4063	0.58%	0.061%
6	3.306	624	627	633	rBV	253	252	0.04%	0.004%
7	3.435	664	667	671	rBV2	206	133	0.02%	0.002%
8	3.708	750	752	754	rBV2	167	91	0.01%	0.001%
9	3.898	809	811	814	rVB2	146	76	0.01%	0.001%
10	3.914	814	816	818	rBV	228	92	0.01%	0.001%
11	4.271	924	927	931	rVB	229	169	0.02%	0.003%
12	4.293	931	934	937	rBV2	190	138	0.02%	0.002%
13	4.354	946	953	958	rBV2	217	310	0.04%	0.005%
14	4.496	994	997	999	rBV2	223	137	0.02%	0.002%
15	4.560	1012	1017	1018	rBV	134	125	0.02%	0.002%
16	4.615	1022	1034	1066	rBV	76869	190039	27.33%	2.861%
17	5.055	1156	1171	1193	rBV	119764	266714	38.36%	4.016%
18	5.258	1230	1234	1240	rBV2	249	231	0.03%	0.003%
19	5.303	1245	1248	1251	rBV	227	192	0.03%	0.003%
20	5.412	1279	1282	1288	rVB2	228	193	0.03%	0.003%
21	5.441	1288	1291	1294	rBV	184	121	0.02%	0.002%
22	5.493	1304	1307	1308	rBB	36	35	0.01%	0.001%
23	5.541	1320	1322	1327	rVV2	206	135	0.02%	0.002%
24	5.567	1327	1330	1333	rVB	242	129	0.02%	0.002%
25	5.718	1357	1377	1413	rBV2	251663	695349	100.00%	10.470%
26	5.991	1459	1462	1465	rBV2	270	178	0.03%	0.003%
27	6.071	1484	1487	1492	rBV3	309	274	0.04%	0.004%
28	6.187	1521	1523	1525	rBV	165	85	0.01%	0.001%
29	6.242	1528	1540	1568	rVV	254665	496683	71.43%	7.478%
30	6.531	1620	1630	1640	rBV7	3803	7331	1.05%	0.110%
31	6.685	1665	1678	1699	rBV	157965	309599	44.52%	4.662%
32	6.798	1711	1713	1717	rVB3	353	230	0.03%	0.003%
33	6.981	1768	1770	1771	rBV	129	39	0.01%	0.001%
34	7.007	1775	1778	1784	rBV2	225	209	0.03%	0.003%
35	7.078	1797	1800	1802	rBV	168	119	0.02%	0.002%
36	7.123	1811	1814	1815	rBV	132	78	0.01%	0.001%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMULM052924WMA.M
 Title : VOC Analysis

37	7.293	1865	1867	1874	rVB2	329	252	0.04%	0.004%
38	7.325	1874	1877	1879	rBV2	194	139	0.02%	0.002%
39	7.357	1884	1887	1891	rVB2	189	127	0.02%	0.002%
40	7.377	1891	1893	1899	rBV	198	161	0.02%	0.002%
41	7.512	1933	1935	1938	rVB2	284	78	0.01%	0.001%
42	7.560	1939	1950	1974	rBV	85964	155902	22.42%	2.347%
43	7.685	1986	1989	1990	rBV	281	132	0.02%	0.002%
44	7.795	2016	2023	2027	rBV3	493	563	0.08%	0.008%
45	7.817	2027	2030	2032	rBV	202	115	0.02%	0.002%
46	7.894	2041	2054	2075	rBV	298006	523549	75.29%	7.883%
47	8.177	2131	2142	2162	rBV2	58993	104347	15.01%	1.571%
48	8.435	2219	2222	2225	rBV	285	223	0.03%	0.003%
49	8.550	2248	2258	2267	rBV3	7030	11310	1.63%	0.170%
50	8.628	2272	2282	2318	rBV	189934	375311	53.97%	5.651%
51	8.994	2394	2396	2401	rVB2	233	108	0.02%	0.002%
52	9.219	2462	2466	2470	rBV	179	181	0.03%	0.003%
53	9.412	2514	2526	2550	rBV	373189	635381	91.38%	9.567%
54	9.756	2632	2633	2634	rBV	175	46	0.01%	0.001%
55	10.020	2713	2715	2718	rBV2	270	121	0.02%	0.002%
56	10.338	2812	2814	2816	rBV	177	119	0.02%	0.002%
57	10.602	2894	2896	2902	rVB2	312	209	0.03%	0.003%
58	10.634	2903	2906	2912	rBV2	264	330	0.05%	0.005%
59	10.750	2930	2942	2966	rBV	244290	397442	57.16%	5.984%
60	11.026	3024	3028	3029	rBV2	360	302	0.04%	0.005%
61	11.084	3043	3046	3053	rBV3	512	659	0.09%	0.010%
62	11.473	3161	3167	3172	rBV2	933	1064	0.15%	0.016%
63	11.807	3259	3271	3294	rBV	374147	607575	87.38%	9.148%
64	12.190	3377	3390	3412	rBV	292639	492441	70.82%	7.415%
65	13.637	3833	3840	3847	rBV5	782	1319	0.19%	0.020%
66	13.743	3868	3873	3878	rBV2	865	1036	0.15%	0.016%
67	14.084	3968	3979	3998	rBV	125400	219365	31.55%	3.303%
68	14.447	4086	4092	4099	rVB5	1507	1844	0.27%	0.028%
69	15.219	4320	4332	4356	rBV	211969	348147	50.07%	5.242%
70	15.405	4380	4390	4407	rVB	103948	170789	24.56%	2.572%
71	15.949	4551	4559	4571	rBV2	33553	52130	7.50%	0.785%
72	16.257	4647	4655	4677	rVB	40092	76096	10.94%	1.146%
73	16.881	4840	4849	4863	rBV3	55500	94846	13.64%	1.428%

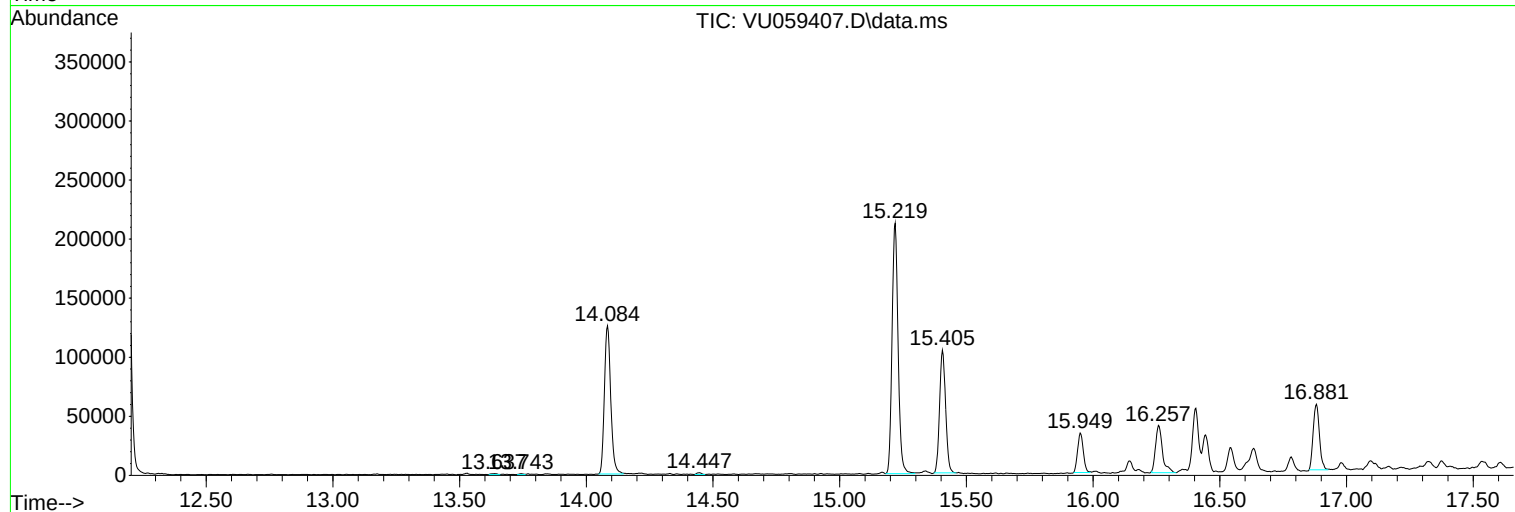
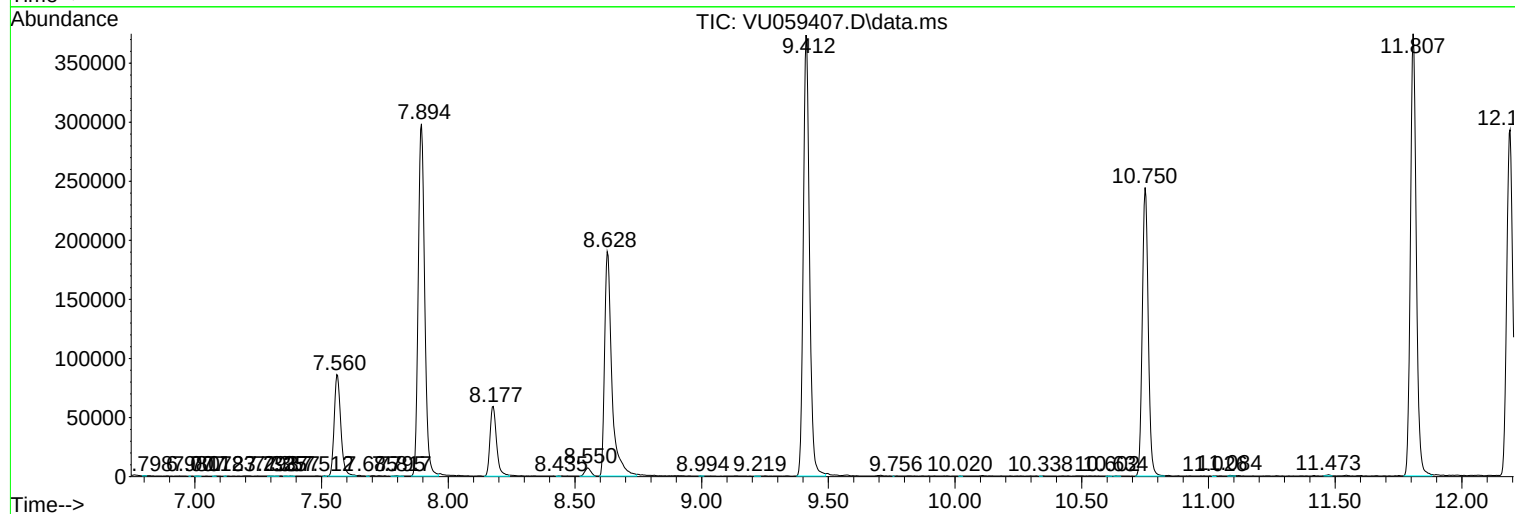
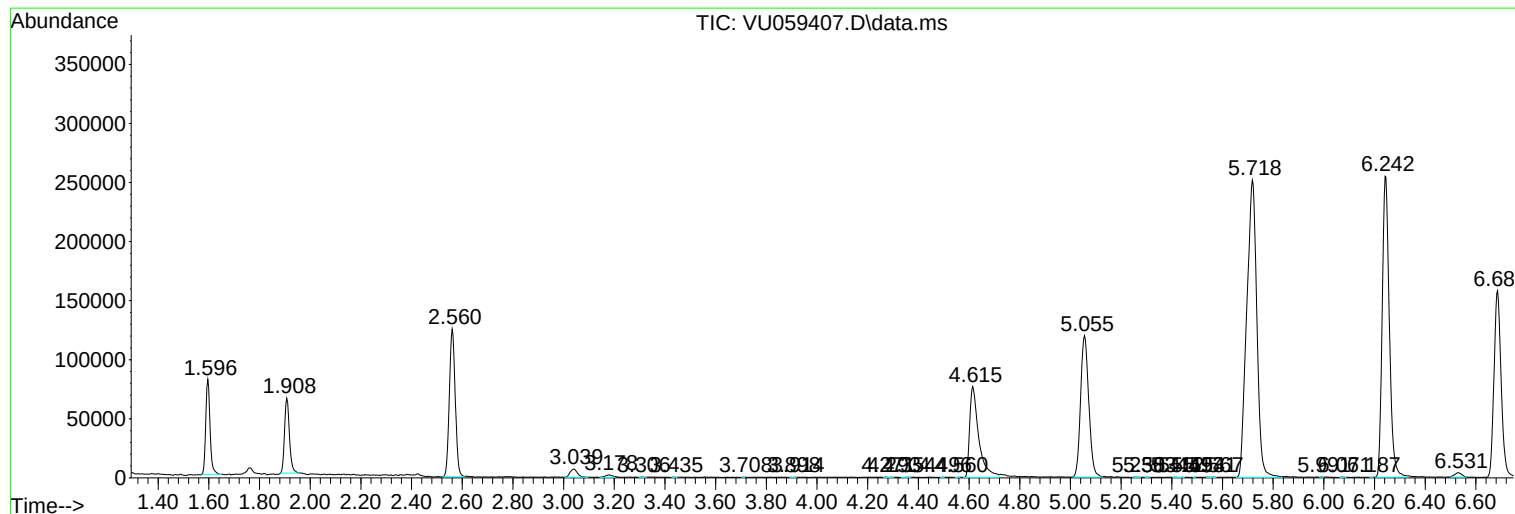
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ClientSampleId :
VIBLK047

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059407.D
Acq On : 21 Jun 2024 12:47
Operator : MD/SY
Sample : VIBLK047
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

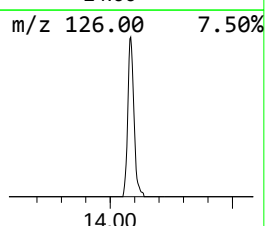
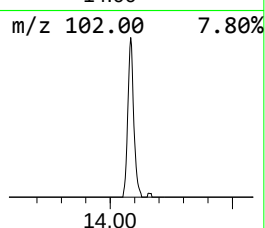
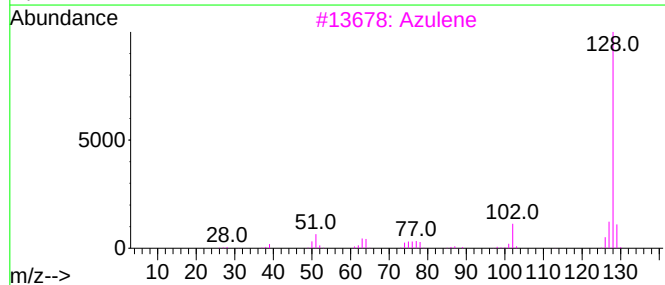
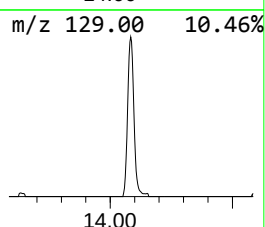
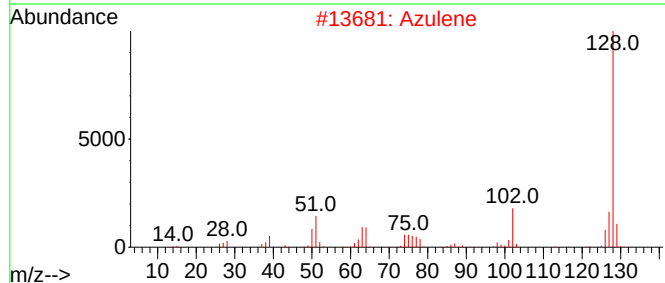
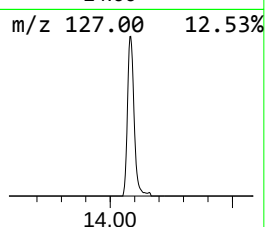
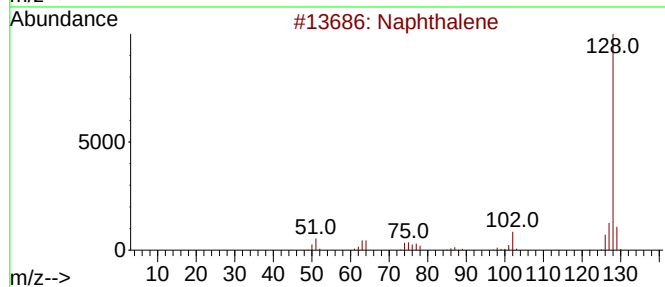
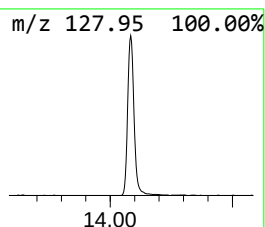
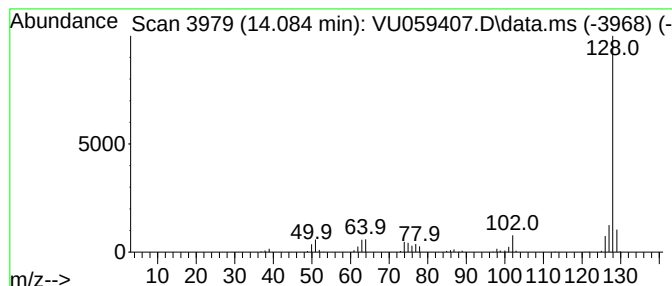
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	18.05 ug/L	219365	1,4-Dichlorobenzene-d4	11.807

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



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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

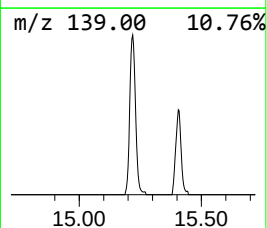
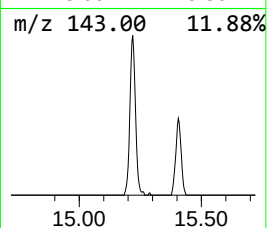
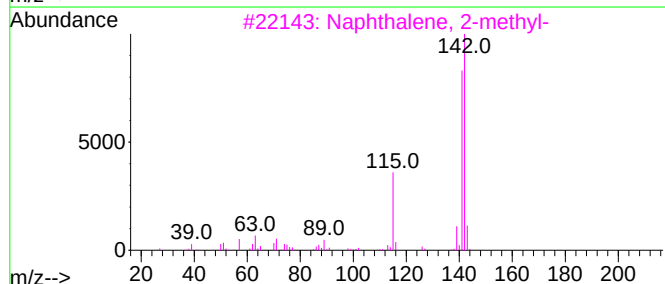
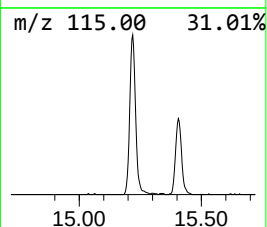
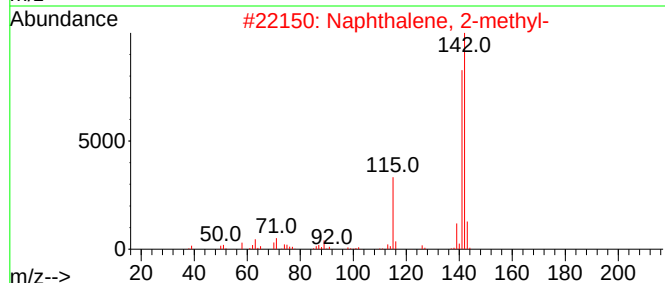
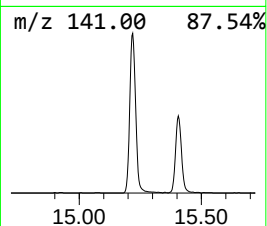
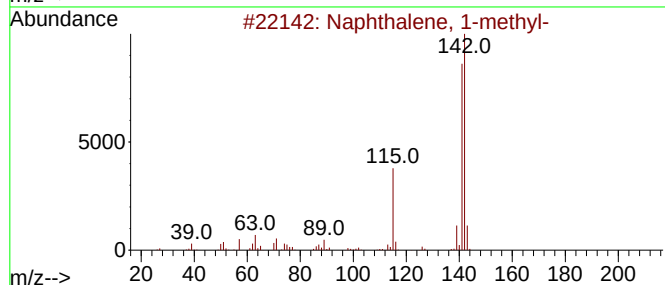
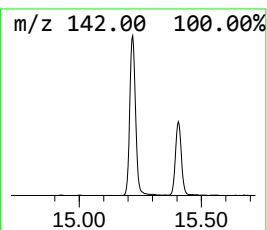
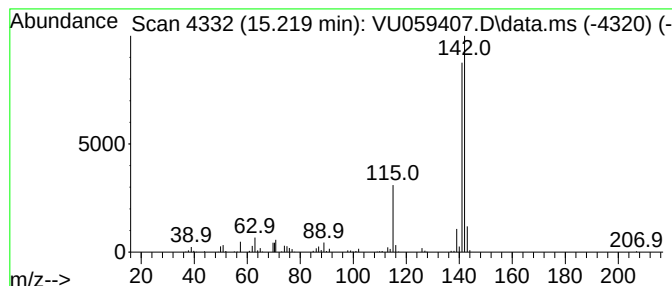
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.219	28.65 ug/L	348147	1,4-Dichlorobenzene-d4	11.807

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



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

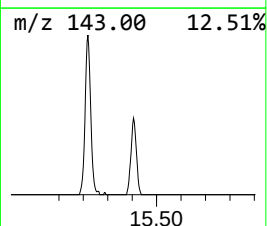
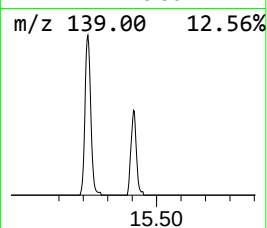
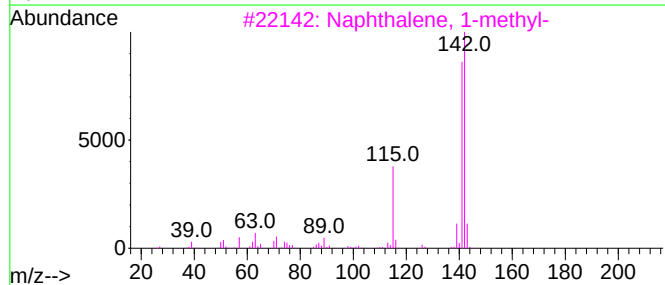
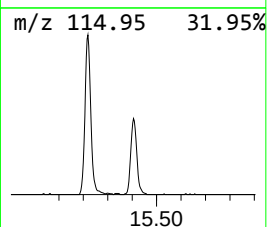
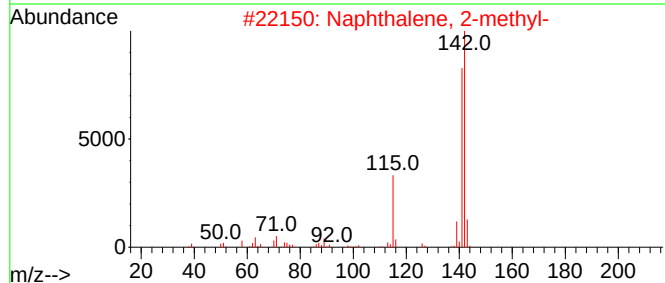
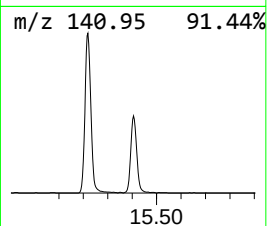
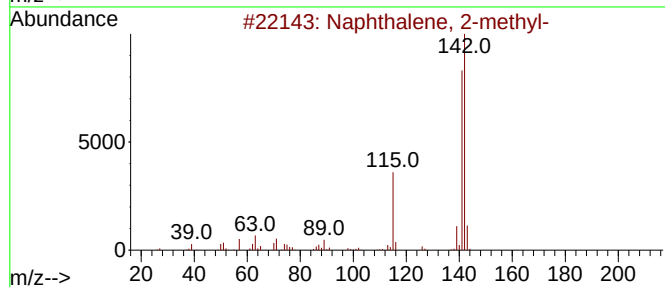
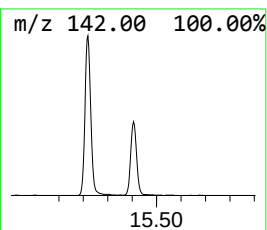
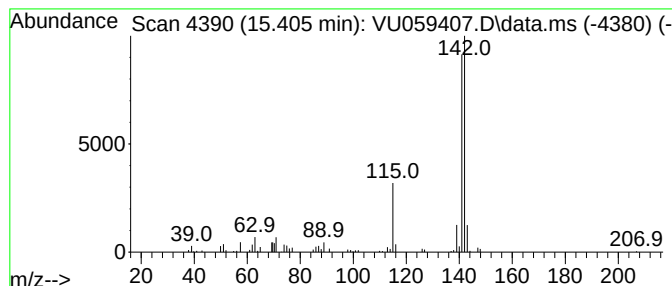
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.405	14.06 ug/L	170789	1,4-Dichlorobenzene-d4	11.807

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	91



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Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

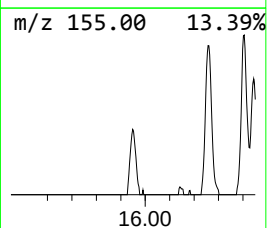
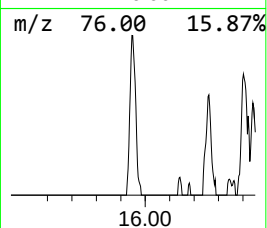
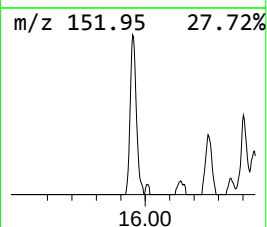
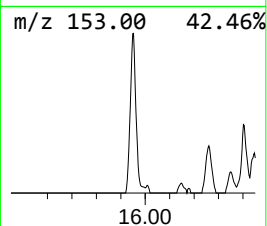
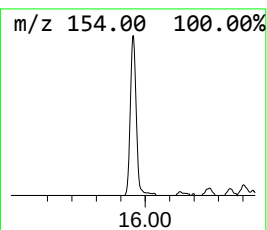
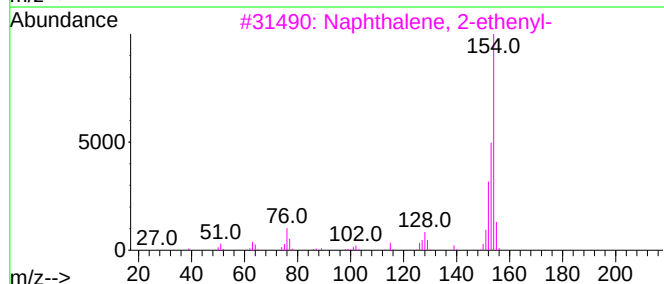
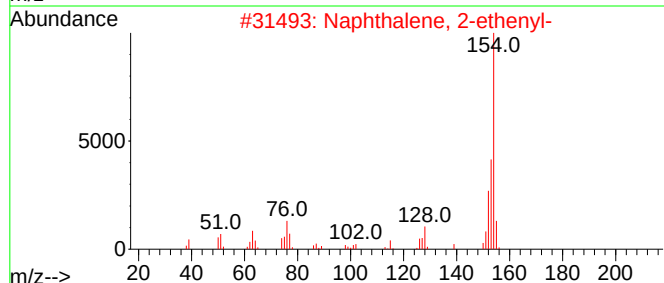
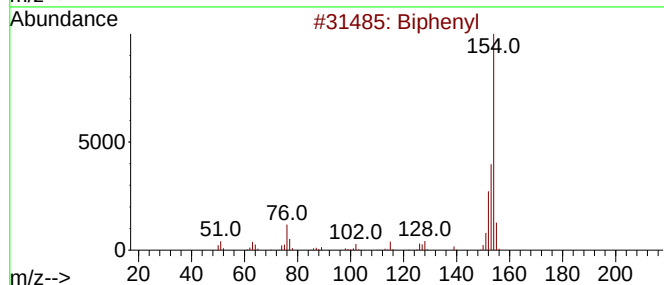
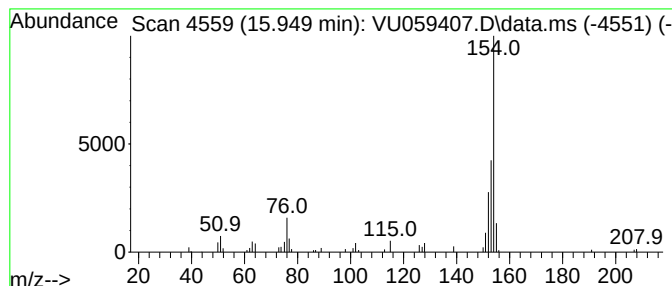
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.949	4.29 ug/L	52130	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	94
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
4			Biphenyl	154	C12H10	000092-52-4	76
5			Biphenyl	154	C12H10	000092-52-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059407.D
Acq On : 21 Jun 2024 12:47
Operator : MD/SY
Sample : VIBLK047
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

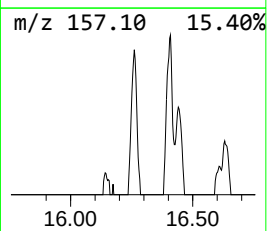
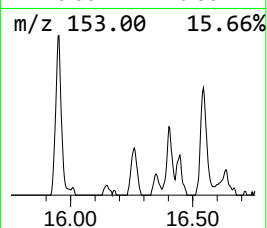
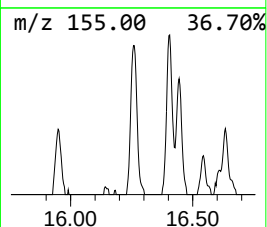
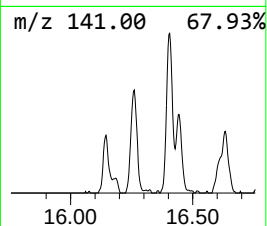
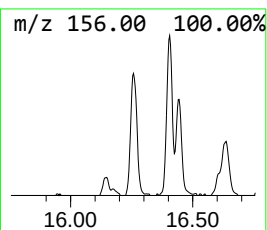
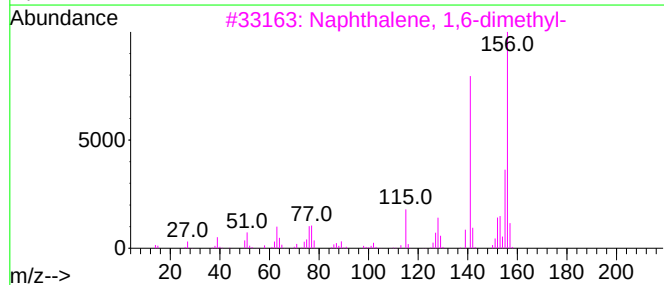
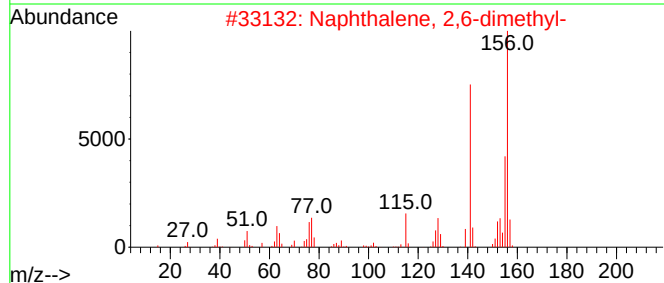
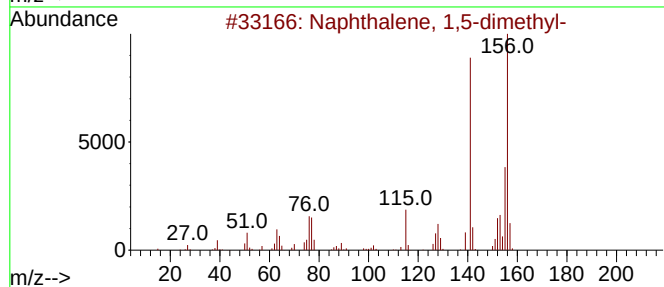
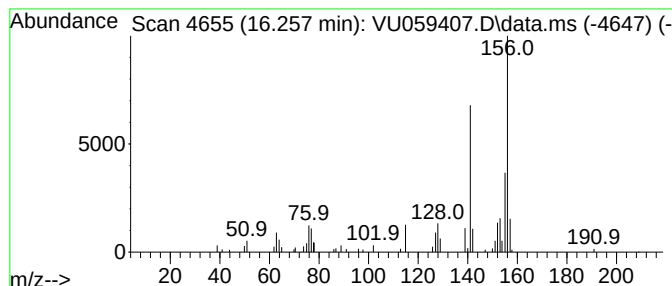
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	6.26 ug/L	76096	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059407.D
Acq On : 21 Jun 2024 12:47
Operator : MD/SY
Sample : VIBLK047
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

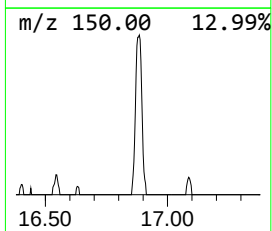
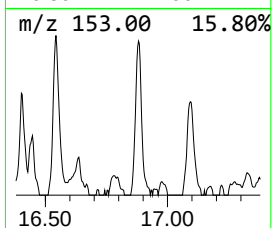
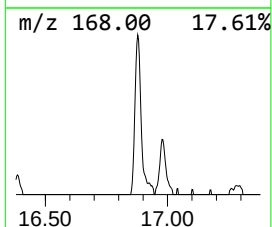
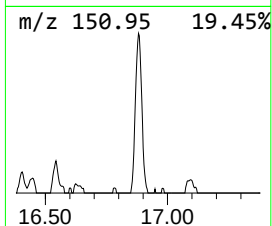
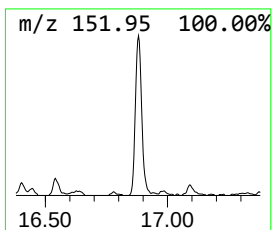
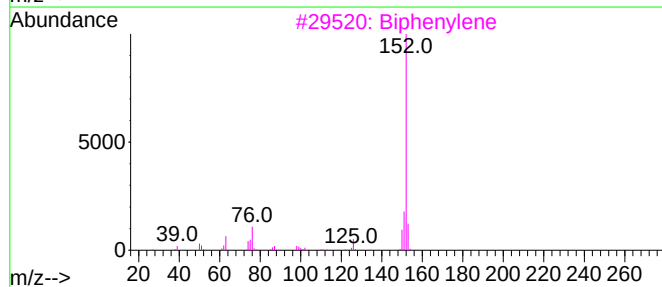
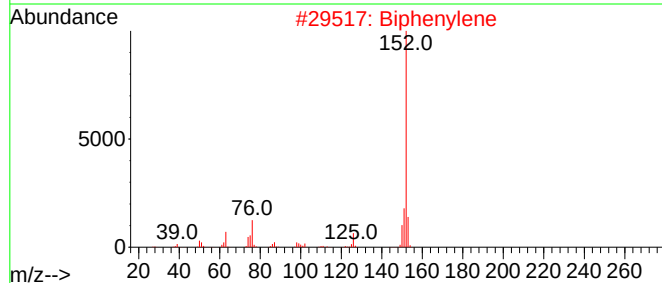
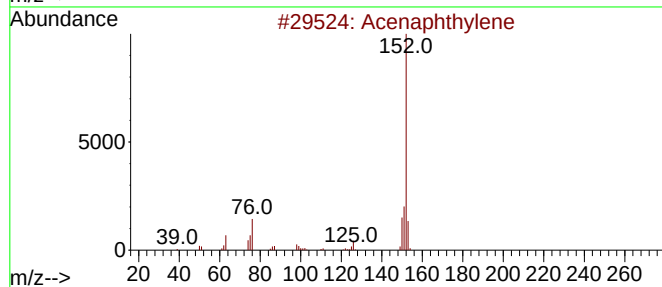
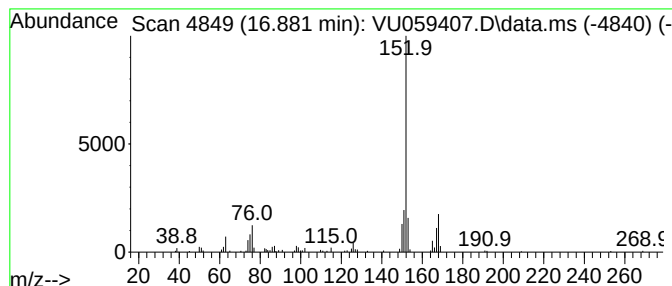
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Quant Title : VOC Analysis

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

Peak Number 7 Biphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	7.81 ug/L	94846	1,4-Dichlorobenzene-d4	11.807

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acenaphthylene	152	C12H8	000208-96-8	95
2		Biphenylene	152	C12H8	000259-79-0	90
3		Biphenylene	152	C12H8	000259-79-0	90
4		Acenaphthylene	152	C12H8	000208-96-8	76
5		(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
Data File : VU059407.D
Acq On : 21 Jun 2024 12:47
Operator : MD/SY
Sample : VIBLK047
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK047

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.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	14.084	18.1	ug/L	219365	3	11.807	607575	50.0
Naphthalene, 1-...	15.219	28.6	ug/L	348147	3	11.807	607575	50.0
Naphthalene, 2-...	15.405	14.1	ug/L	170789	3	11.807	607575	50.0
Naphthalene, 2-...	15.949	4.3	ug/L	52130	3	11.807	607575	50.0
Naphthalene, 1,...	16.257	6.3	ug/L	76096	3	11.807	607575	50.0
Biphenylene	16.881	7.8	ug/L	94846	3	11.807	607575	50.0