LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

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_W\Method\SFAMWLM020524SMA.M
Title : SFAM01.0

Signal : TIC: VW028048.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	91	rVB	37773	80721	4.54%	1.037%
2	2.905	159	167	180	rBV2	26729	75954	4.27%	0.975%
3	3.271	225	227	229	rBV2	211	206	0.01%	0.003%
4	3.399	244	248	253	rVB3	379	667	0.04%	0.009%
5	3.515	266	267	270	rBV	120	89	0.01%	0.001%
6	3.692	293	296	300	rBV2	179	248	0.01%	0.003%
7	4.021	339	350	364	rBV	74778	210849	11.85%	2.708%
8	4.222	381	383	386	rBV	147	105	0.01%	0.001%
9	4.387	404	410	414	rBV4	692	1258	0.07%	0.016%
10	4.838	482	484	487	rVB	129	95	0.01%	0.001%
11	4.923	487	498	513	rBV3	9732	32642	1.83%	0.419%
12	5.069	520	522	525	rVB2	120	109	0.01%	0.001%
13	5.106	525	528	532	rBV2	124	171	0.01%	0.002%
14	5.350	567	568	570	rBV	122	92	0.01%	0.001%
15	5.374	570	572	573	rVB2	208	150	0.01%	0.002%
16	5.393	573	575	576	rBV	193	135	0.01%	0.002%
17	5.417	576	579	580	rBV2	126	126	0.01%	0.002%
18	5.661	616	619	622	rVB2	206	288	0.02%	0.004%
19	5.691	622	624	625	rBV	182	152	0.01%	0.002%
20	5.935	655	664	674	rVB5	2177	6854	0.39%	0.088%
21	6.021	676	678	679	rBV	145	98	0.01%	0.001%
22	6.118	692	694	697	rVB2	92	86	0.00%	0.001%
23	6.258	713	717	719	rBV2	181	300	0.02%	0.004%
24	6.441	745	747	748	rBV	145	144	0.01%	0.002%
25	6.514	755	759	763	rVB2	137	198	0.01%	0.003%
26	6.557	763	766	769	rBV	128	177	0.01%	0.002%
27	6.606	771	774	777	rBV2	175	248	0.01%	0.003%
28	6.905	821	823	824	rBV	140	93	0.01%	0.001%
29	6.935	827	828	832	rVB2	119	125	0.01%	0.002%
30	7.075	842	851	857	rBV	13432	37545	2.11%	0.482%
31	7.240	876	878	879	rBV	217	166	0.01%	0.002%
32	7.258	879	881	885	rVB2	241	208	0.01%	0.003%
33	7.289	885	886	888	rBV	179	87	0.00%	0.001%
34	7.362	895	898	900	rBV	182	234	0.01%	0.003%
35	7.551	927	929	930	rBV	113	88	0.00%	0.001%
36	7.569	930	932	933	rVV	119	100	0.01%	0.001%

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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

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_W\Method\SFAMWLM020524SMA.M
Title : SFAM01.0

37	7.648	935	945	959	rVB	116808	280132	15.75%	3.597%
38	7.837	973	976	977	rBV	116	128	0.01%	0.002%
39	8.051	1009	1011	1012	rVB	164	103	0.01%	0.001%
40	8.069	1012	1014	1016	rBV	162	185	0.01%	0.002%
41	8.276	1038	1048	1065	rBV2	222237	642679	36.13%	8.253%
42	8.471	1079	1080	1081	rBV	169	88	0.00%	0.001%
43	8.557	1093	1094	1097	rVB2	162	167	0.01%	0.002%
44	8.587	1097	1099	1102	rBV2	120	150	0.01%	0.002%
45	8.624	1102	1105	1106	rBV2	211	187	0.01%	0.002%
46	8.672	1111	1113	1115	rBV2	218	206	0.01%	0.003%
47	8.776	1129	1130	1131	rBV	149	86	0.00%	0.001%
48	8.837	1131	1140	1153	rVV	288102	566016	31.82%	7.269%
49	9.008	1166	1168	1170	rBV	209	224	0.01%	0.003%
50	9.075	1174	1179	1183	rVB5	427	864	0.05%	0.011%
51	9.111	1183	1185	1188	rBV	146	178	0.01%	0.002%
52	9.178	1192	1196	1198	rBV2	112	157	0.01%	0.002%
53	9.197	1198	1199	1200	rBV	269	103	0.01%	0.001%
54	9.270	1203	1211	1221	rBV	142948	286035	16.08%	3.673%
55	9.447	1238	1240	1242	rVV2	141	93	0.01%	0.001%
56	9.544	1253	1256	1258	rVB	166	114	0.01%	0.001%
57	9.563	1258	1259	1261	rBV2	128	84	0.00%	0.001%
58	9.654	1272	1274	1275	rBV	213	144	0.01%	0.002%
59	9.752	1288	1290	1292	rVB2	190	107	0.01%	0.001%
60	9.788	1292	1296	1298	rBV2	277	358	0.02%	0.005%
61	9.813	1298	1300	1302	rBV2	276	287	0.02%	0.004%
62	9.849	1304	1306	1308	rBV	133	90	0.01%	0.001%
63	9.959	1322	1324	1325	rBV2	124	107	0.01%	0.001%
64	9.989	1325	1329	1330	rVV2	394	447	0.03%	0.006%
65	10.032	1330	1336	1349	rVB	78420	139361	7.83%	1.790%
66	10.203	1362	1364	1367	rBV3	162	194	0.01%	0.002%
67	10.319	1375	1383	1398	rBV	328158	587972	33.05%	7.551%
68	10.471	1404	1408	1409	rBV2	354	491	0.03%	0.006%
69	10.575	1418	1425	1436	rBV	46943	80609	4.53%	1.035%
70	10.654	1436	1438	1439	rBV2	154	88	0.00%	0.001%
71	10.697	1439	1445	1454	rVV	20429	35329	1.99%	0.454%
72	10.800	1460	1462	1463	rBV	206	143	0.01%	0.002%
73	10.922	1475	1482	1495	rBV	56479	97632	5.49%	1.254%
74	11.062	1501	1505	1510	rVB	1263	1772	0.10%	0.023%
75	11.099	1510	1511	1515	rVB	153	107	0.01%	0.001%
76	11.172	1520	1523	1526	rVB3	398	480	0.03%	0.006%

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Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

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_W\Method\SFAMWLM020524SMA.M
Title : SFAM01.0

77	11.209	1526	1529	1531	rBV3	688	761	0.04%	0.010%
78	11.367	1531	1555	1556	rBV9	19605	85917	4.83%	1.103%
79	11.629	1590	1598	1607	rBV	409965	685820	38.55%	8.807%
80	12.080	1649	1672	1673	rBV8	12658	44552	2.50%	0.572%
81	12.690	1767	1772	1776	rBV	135867	265875	14.95%	3.414%
82	13.013	1803	1825	1854	rVB3	362777	1778952	100.00%	22.845%
83	13.227	1858	1860	1861	rBV	238	132	0.01%	0.002%
84	13.330	1867	1877	1880	rBV8	4660	13535	0.76%	0.174%
85	13.470	1896	1900	1901	rBV2	908	840	0.05%	0.011%
86	13.489	1901	1903	1904	rBV	313	295	0.02%	0.004%
87	13.556	1907	1914	1921	rBV	439137	726866	40.86%	9.334%
88	13.848	1957	1962	1976	rVB	335073	571670	32.14%	7.341%
89	13.995	1976	1986	1987	rBV7	6311	11447	0.64%	0.147%
90	14.202	2014	2020	2021	rBV4	853	1385	0.08%	0.018%
91	14.300	2032	2036	2038	rBV3	392	682	0.04%	0.009%
92	14.348	2042	2044	2045	rVV	725	586	0.03%	0.008%
93	14.391	2045	2051	2058	rVV8	1901	5606	0.32%	0.072%
94	14.476	2058	2065	2078	rVB5	5696	18331	1.03%	0.235%
95	14.696	2091	2101	2102	rBV5	2969	6384	0.36%	0.082%
96	14.860	2115	2128	2148	rBV7	74347	314860	17.70%	4.043%
97	15.074	2153	2163	2176	rVB4	23957	71165	4.00%	0.914%
98	15.342	2206	2207	2209	rBV2	318	305	0.02%	0.004%
99	15.427	2216	2221	2226	rVB2	3937	6259	0.35%	0.080%
100	15.909	2298	2300	2301	rBV	367	217	0.01%	0.003%

Sum of corrected areas: 7786947

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Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
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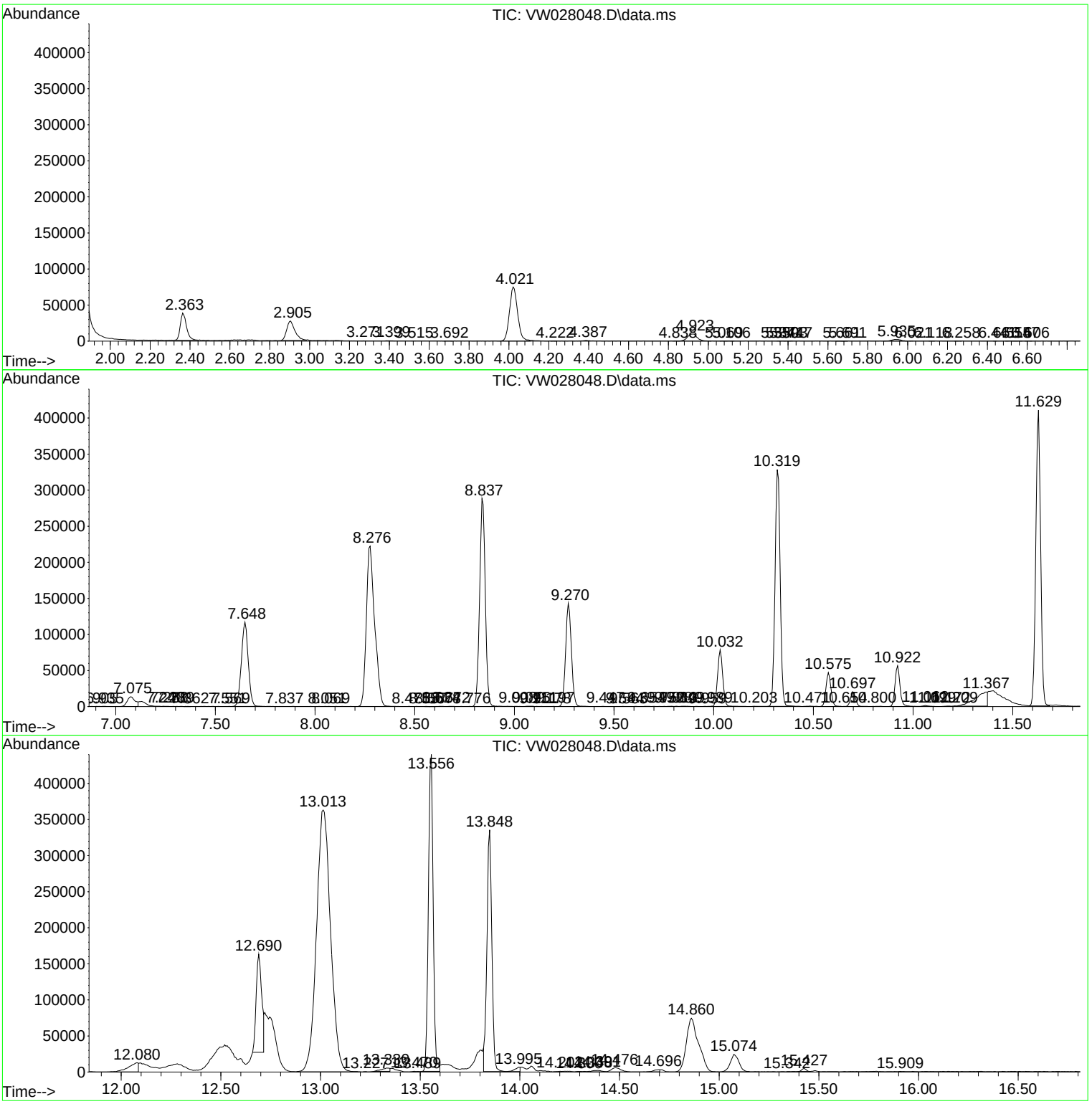
Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

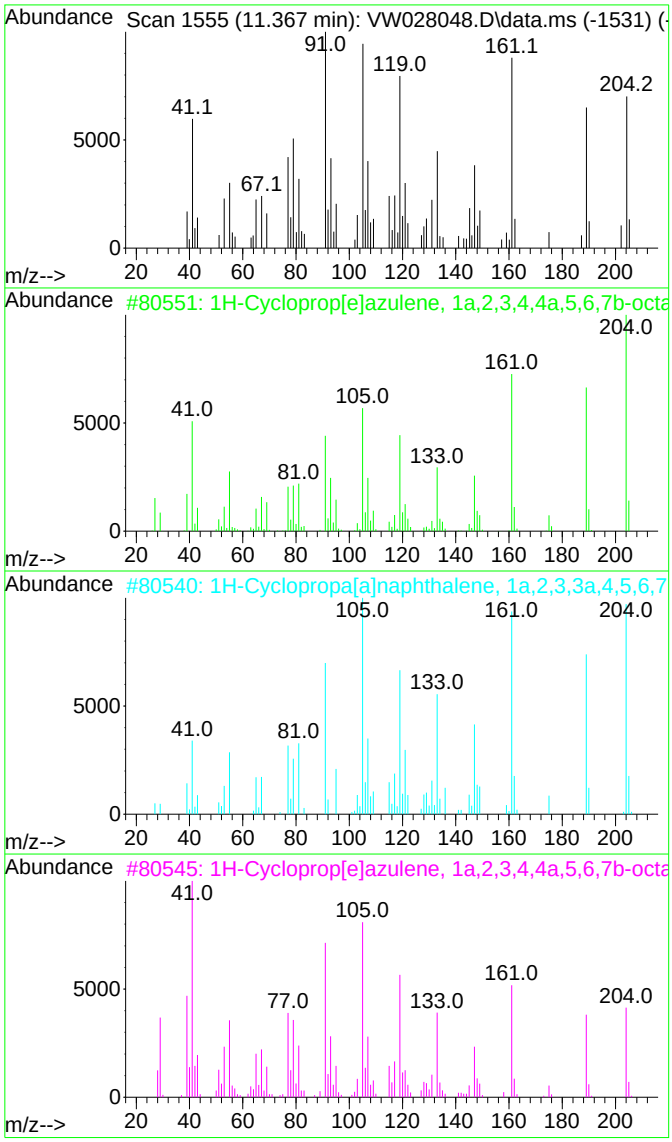
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

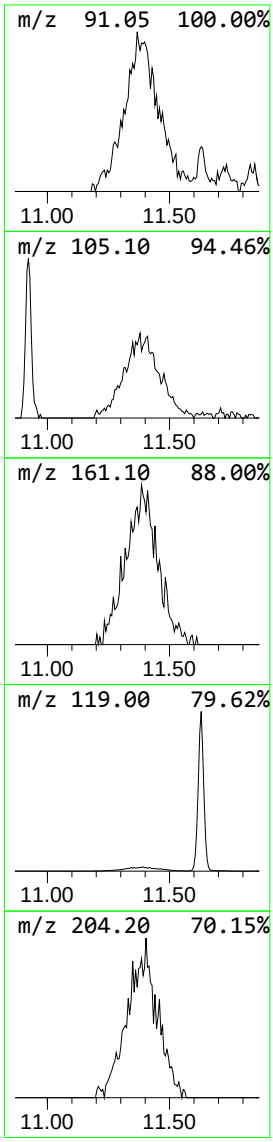
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.367	3.13 ug/L	85917	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	99
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	98
3	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	96
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	94
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

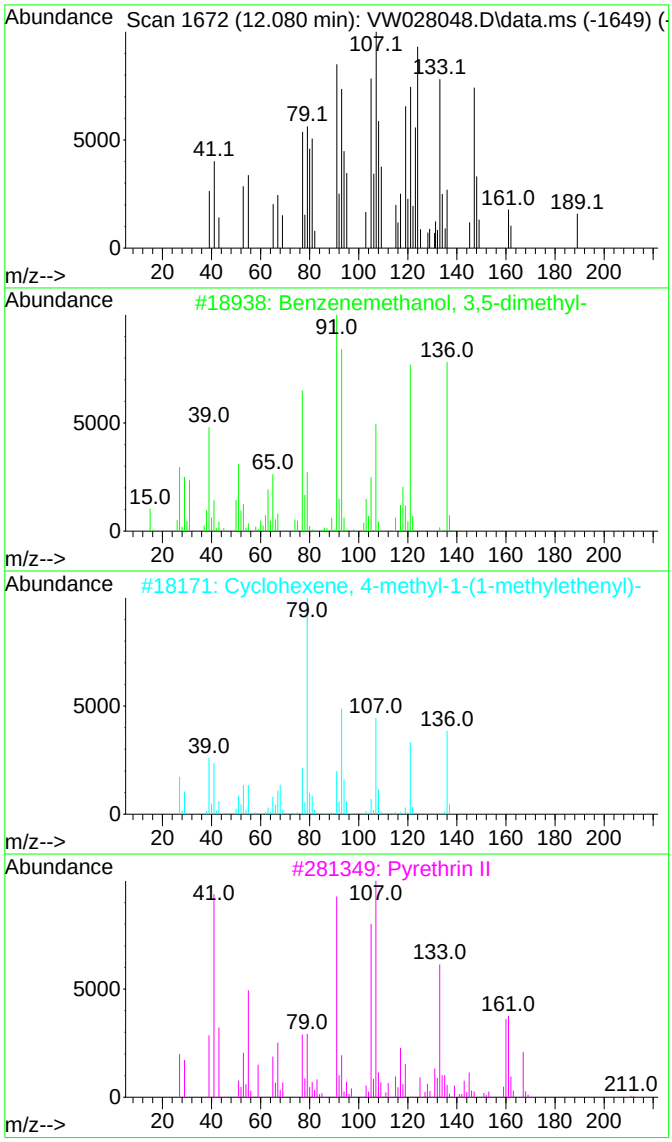
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

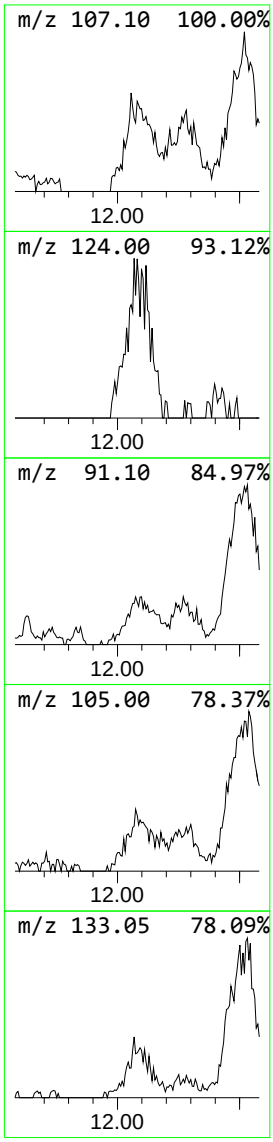
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	1.62 ug/L	44552	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	18
2	Cyclohexene, 4-methyl-1-(1-methy...	136	C10H16	000586-67-4	18
3	Pyrethrin II	372	C22H28O5	000121-29-9	18
4	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	14
5	Tricyclo[4.2.2.0(1,5)]decane	136	C10H16	049700-63-2	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

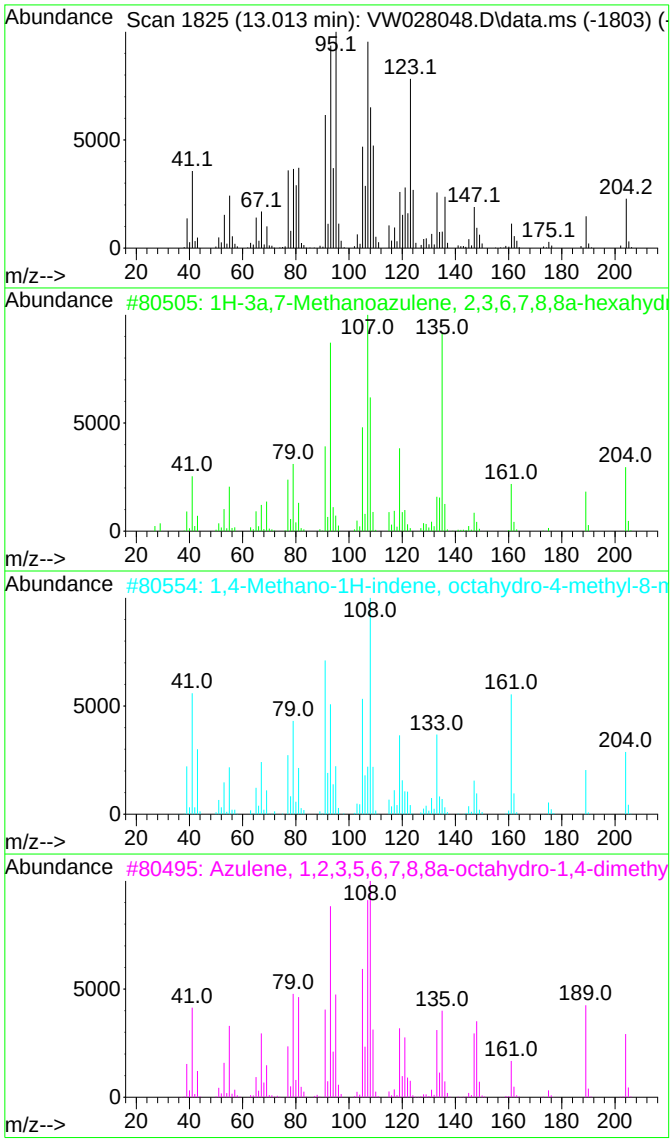
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

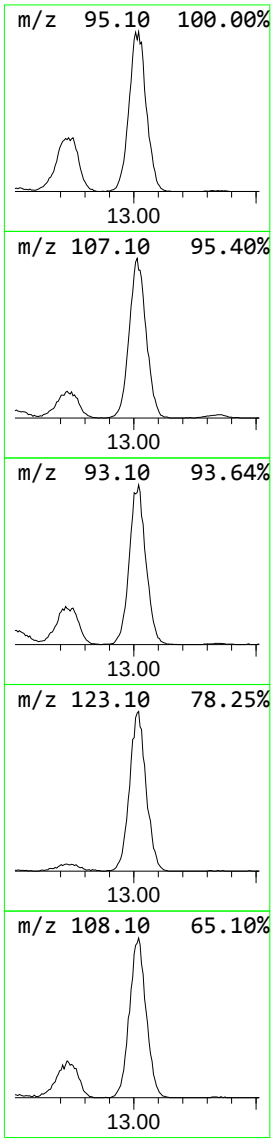
****

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.013	61.19 ug/L	1778950	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	45
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	42
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	30
5	1,4-Methano-1H-indene, octahydro...	204	C15H24	003650-28-0	25





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

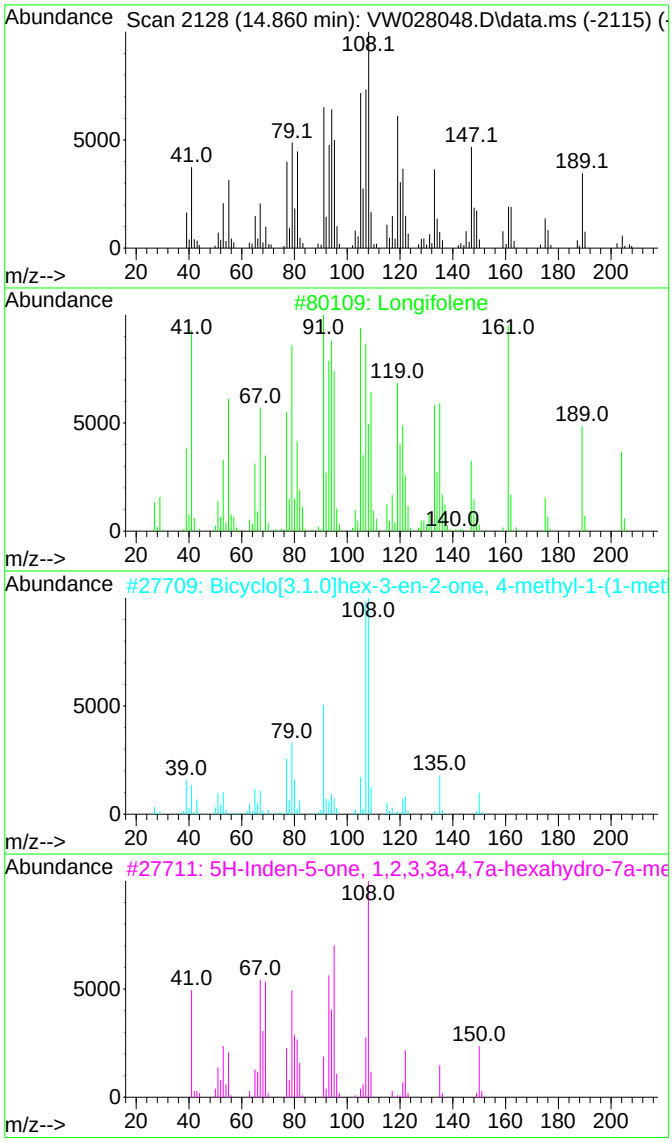
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

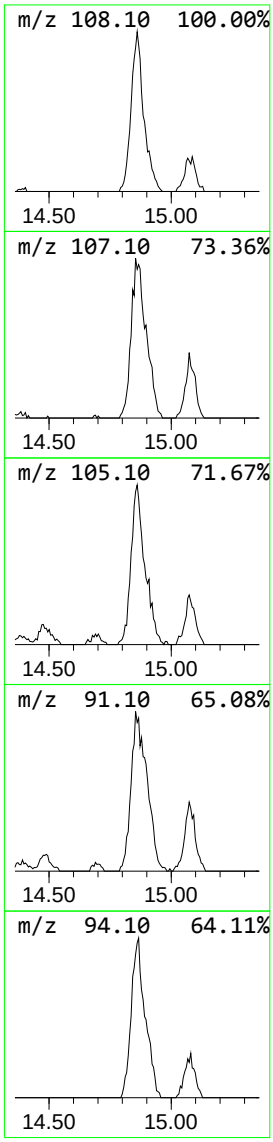
****

Peak Number 6 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.860	10.83 ug/L	314860	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	43
2	Bicyclo[3.1.0]hex-3-en-2-one, 4-...	150	C10H14O	024545-81-1	42
3	5H-Inden-5-one, 1,2,3,3a,4,7a-he...	150	C10H14O	017429-25-3	42
4	8.alpha.,11-Elemadiol	238	C15H26O2	064373-81-5	38
5	1,2,4-Methenoazulene, decahydro-...	204	C15H24	001137-12-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

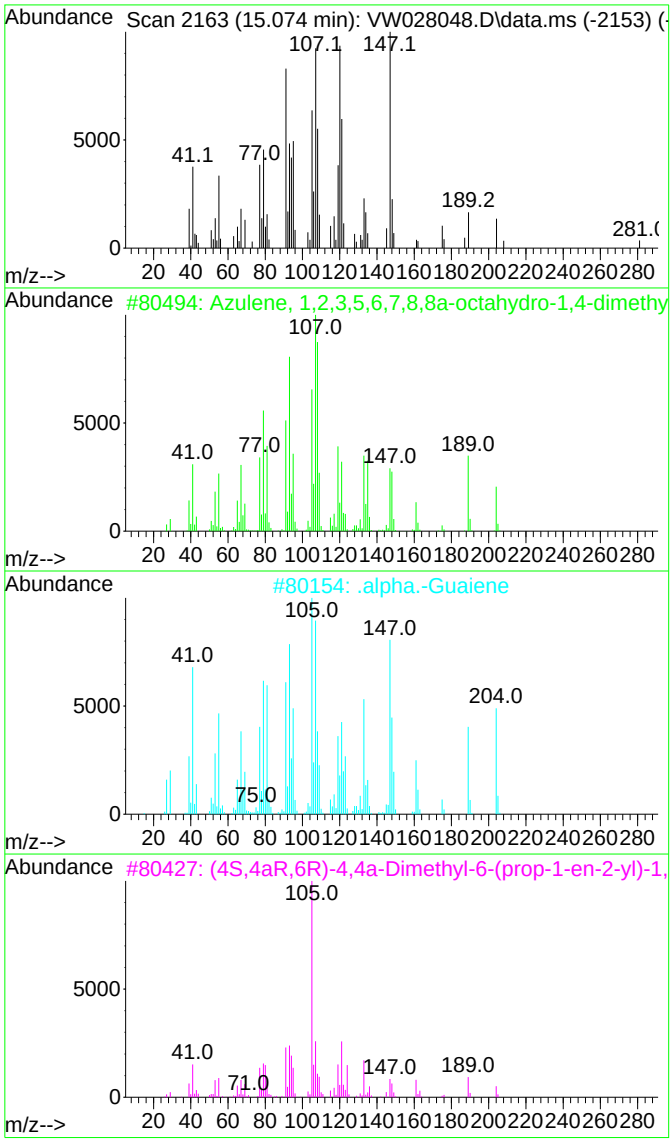
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

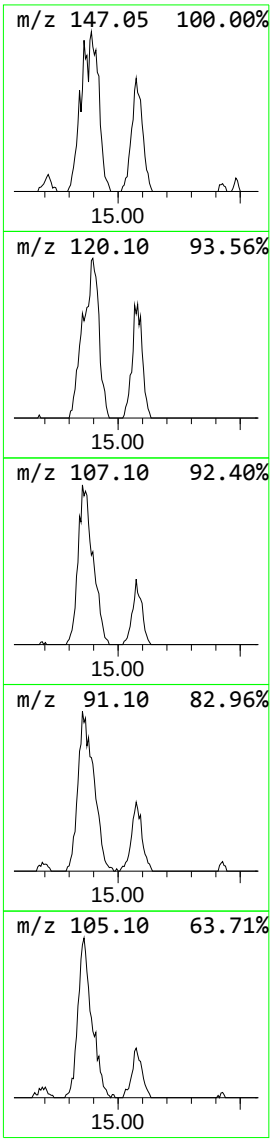
****

Peak Number 7 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	2.45 ug/L	71165	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	30
2	.alpha.-Guaiene	204	C15H24	003691-12-1	25
3	(4S,4aR,6R)-4,4a-Dimethyl-6-(pro...	204	C15H24	054868-40-5	22
4	Bicyclo[7.2.0]undecane, 10,10-di...	204	C15H24	136296-38-3	18
5	.alpha.-Guaiene	204	C15H24	003691-12-1	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
Data File : VW028048.D
Acq On : 21 Feb 2024 15:37
Operator : SY/MD
Sample : VIBLK596
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK596

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	11.367	3.1	ug/L	85917	2	11.629	685820	25.0
unknown-02	12.080	1.6	ug/L	44552	2	11.629	685820	25.0
unknown-03	13.013	61.2	ug/L	1778950	3	13.556	726866	25.0
unknown-04	14.860	10.8	ug/L	314860	3	13.556	726866	25.0
unknown-05	15.074	2.5	ug/L	71165	3	13.556	726866	25.0