LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017934.D
Acq On : 18 Jan 2021 17:29
Operator : SY/VA
Sample : VIBLK03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK03

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\SOM2WLM011821S.M
Title : VOC Analysis

Signal : TIC: VW017934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.074	25	28	31	rVB5	1029	1314	0.08%	0.010%
2	2.105	31	33	37	rBV3	577	883	0.05%	0.007%
3	2.147	37	40	43	rBV2	4627	7875	0.48%	0.059%
4	2.208	46	50	53	rVV6	2791	4561	0.28%	0.034%
5	2.239	53	55	58	rVV4	1607	2012	0.12%	0.015%
6	2.355	67	74	85	rVB	149290	276856	16.88%	2.060%
7	2.489	94	96	98	rBV3	1912	1333	0.08%	0.010%
8	2.659	122	124	126	rBV3	1474	1146	0.07%	0.009%
9	2.891	154	162	170	rBV	112210	254528	15.52%	1.894%
10	3.141	201	203	212	rVB6	6114	10507	0.64%	0.078%
11	3.239	217	219	220	rBV	901	679	0.04%	0.005%
12	3.391	239	244	248	rBV6	954	1391	0.08%	0.010%
13	3.482	258	259	264	rVB4	877	877	0.05%	0.007%
14	3.543	264	269	272	rBV5	636	1290	0.08%	0.010%
15	3.580	272	275	276	rBV3	389	444	0.03%	0.003%
16	3.659	285	288	291	rBV4	689	784	0.05%	0.006%
17	3.696	291	294	297	rVB5	479	603	0.04%	0.004%
18	3.793	307	310	311	rBV2	404	496	0.03%	0.004%
19	3.891	323	326	328	rBV3	646	653	0.04%	0.005%
20	4.019	335	347	363	rBV	199011	618672	37.72%	4.604%
21	4.129	363	365	370	rVB5	1057	1292	0.08%	0.010%
22	4.244	381	384	385	rBV3	645	579	0.04%	0.004%
23	4.257	385	386	389	rVB3	638	596	0.04%	0.004%
24	4.305	392	394	397	rBV3	471	431	0.03%	0.003%
25	4.373	403	405	407	rBV2	413	496	0.03%	0.004%
26	4.433	413	415	416	rBV2	754	469	0.03%	0.003%
27	4.513	426	428	433	rVB5	444	549	0.03%	0.004%
28	4.562	433	436	437	rBV2	556	449	0.03%	0.003%
29	4.574	437	438	442	rVB4	891	808	0.05%	0.006%
30	4.647	445	450	452	rBV3	687	1296	0.08%	0.010%
31	4.683	452	456	458	rBV4	647	736	0.04%	0.005%
32	4.763	467	469	471	rVB2	718	549	0.03%	0.004%
33	4.805	475	476	479	rBV2	506	538	0.03%	0.004%
34	4.921	482	495	509	rVV4	16669	58282	3.55%	0.434%
35	5.013	509	510	514	rVB2	579	524	0.03%	0.004%
36	5.061	514	518	521	rBV3	428	635	0.04%	0.005%

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Sample : VIBLK03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK03

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\SOM2WLM011821S.M
Title : VOC Analysis

37	5.238	545	547	550	rVB4	525	438	0.03%	0.003%
38	5.263	550	551	554	rVB3	789	710	0.04%	0.005%
39	5.324	558	561	562	rBV3	814	586	0.04%	0.004%
40	5.342	562	564	566	rVB	676	493	0.03%	0.004%
41	5.366	566	568	571	rVB3	653	730	0.04%	0.005%
42	5.397	571	573	575	rBV2	826	949	0.06%	0.007%
43	5.439	579	580	581	rBV	628	421	0.03%	0.003%
44	5.458	581	583	585	rVB2	530	508	0.03%	0.004%
45	5.537	592	596	599	rBV4	606	819	0.05%	0.006%
46	5.574	601	602	605	rVB2	580	483	0.03%	0.004%
47	5.604	605	607	609	rBV2	589	613	0.04%	0.005%
48	5.720	622	626	629	rBV5	587	1017	0.06%	0.008%
49	5.763	631	633	635	rVB3	492	428	0.03%	0.003%
50	5.884	650	653	655	rBV4	696	937	0.06%	0.007%
51	5.939	655	662	672	rVV4	5189	15065	0.92%	0.112%
52	6.061	681	682	685	rVB3	560	441	0.03%	0.003%
53	6.092	685	687	688	rBV2	522	413	0.03%	0.003%
54	6.220	707	708	712	rVB3	750	611	0.04%	0.005%
55	6.281	714	718	722	rBV4	589	954	0.06%	0.007%
56	6.366	730	732	733	rVV2	604	415	0.03%	0.003%
57	6.403	735	738	743	rVB4	955	1431	0.09%	0.011%
58	6.445	743	745	746	rBV2	846	757	0.05%	0.006%
59	6.543	757	761	765	rVB4	518	751	0.05%	0.006%
60	6.586	765	768	769	rBV2	439	467	0.03%	0.003%
61	6.634	775	776	778	rBV2	634	504	0.03%	0.004%
62	6.665	778	781	782	rBV3	452	474	0.03%	0.004%
63	6.738	789	793	796	rBV5	565	862	0.05%	0.006%
64	6.768	796	798	800	rVB3	542	471	0.03%	0.004%
65	6.799	800	803	805	rVB2	712	805	0.05%	0.006%
66	6.823	805	807	809	rVB2	733	696	0.04%	0.005%
67	6.860	809	813	815	rBV3	759	1093	0.07%	0.008%
68	6.927	822	824	826	rVB2	924	531	0.03%	0.004%
69	7.085	841	850	872	rBV2	37023	131601	8.02%	0.979%
70	7.287	882	883	884	rBV	709	430	0.03%	0.003%
71	7.323	887	889	890	rVB2	801	568	0.03%	0.004%
72	7.354	890	894	895	rBV4	680	735	0.04%	0.005%
73	7.384	897	899	901	rBV2	744	659	0.04%	0.005%
74	7.439	907	908	909	rVB	1129	413	0.03%	0.003%
75	7.470	909	913	914	rBV3	1028	1129	0.07%	0.008%
76	7.482	914	915	918	rVB3	1155	843	0.05%	0.006%

LSC Area Percent Report

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Sample : VIBLK03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK03

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\SOM2WLM011821S.M
Title : VOC Analysis

77	7.512	918	920	921	rBV2	1179	837	0.05%	0.006%
78	7.573	927	930	933	rBV5	958	1397	0.09%	0.010%
79	7.646	933	942	955	rVB	276743	685320	41.78%	5.100%
80	7.738	955	957	959	rBV3	1114	1182	0.07%	0.009%
81	7.908	983	985	986	rBV2	857	462	0.03%	0.003%
82	7.945	988	991	996	rVV7	1414	2808	0.17%	0.021%
83	8.067	1007	1011	1014	rBV6	1654	2831	0.17%	0.021%
84	8.274	1035	1045	1059	rBV2	558388	1640299	100.00%	12.207%
85	8.421	1067	1069	1070	rBV2	1772	954	0.06%	0.007%
86	8.475	1076	1078	1079	rBV2	1818	1644	0.10%	0.012%
87	8.841	1130	1138	1147	rBV	538780	1087518	66.30%	8.093%
88	9.274	1202	1209	1219	rBV	367391	729187	44.45%	5.426%
89	10.036	1326	1334	1343	rBV2	206731	381517	23.26%	2.839%
90	10.323	1374	1381	1392	rBV	831642	1467637	89.47%	10.922%
91	10.579	1417	1423	1431	rBV	127145	231812	14.13%	1.725%
92	10.926	1474	1480	1493	rBV	135093	277971	16.95%	2.069%
93	11.633	1589	1596	1603	rVB	777680	1323746	80.70%	9.851%
94	12.609	1752	1756	1761	rBV	44908	76595	4.67%	0.570%
95	12.694	1765	1770	1782	rVB	266566	467851	28.52%	3.482%
96	13.554	1906	1911	1919	rVB	832123	1356679	82.71%	10.096%
97	13.853	1954	1960	1967	rVB	755317	1225651	74.72%	9.121%
98	14.487	2055	2064	2081	rVB4	199433	692740	42.23%	5.155%
99	14.645	2085	2090	2103	rVB4	48747	175005	10.67%	1.302%
100	15.931	2294	2301	2316	rVB5	44534	178852	10.90%	1.331%

Sum of corrected areas: 13437879

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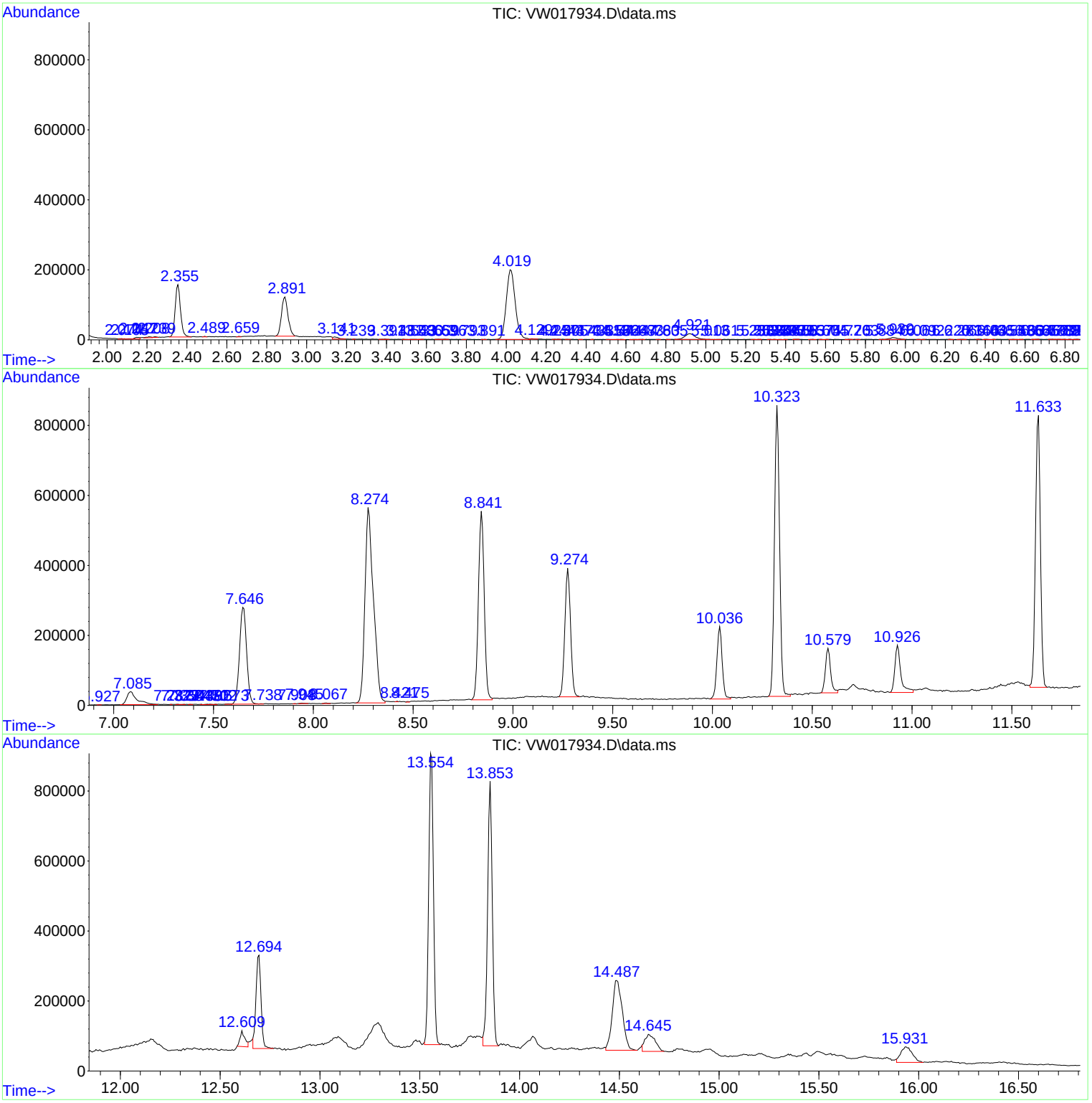
Sample : VIBLK03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017934.D
Acq On : 18 Jan 2021 17:29
Operator : SY/VA
Sample : VIBLK03
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Instrument :
MSVOA_W
ClientSampleId :
VIBLK03

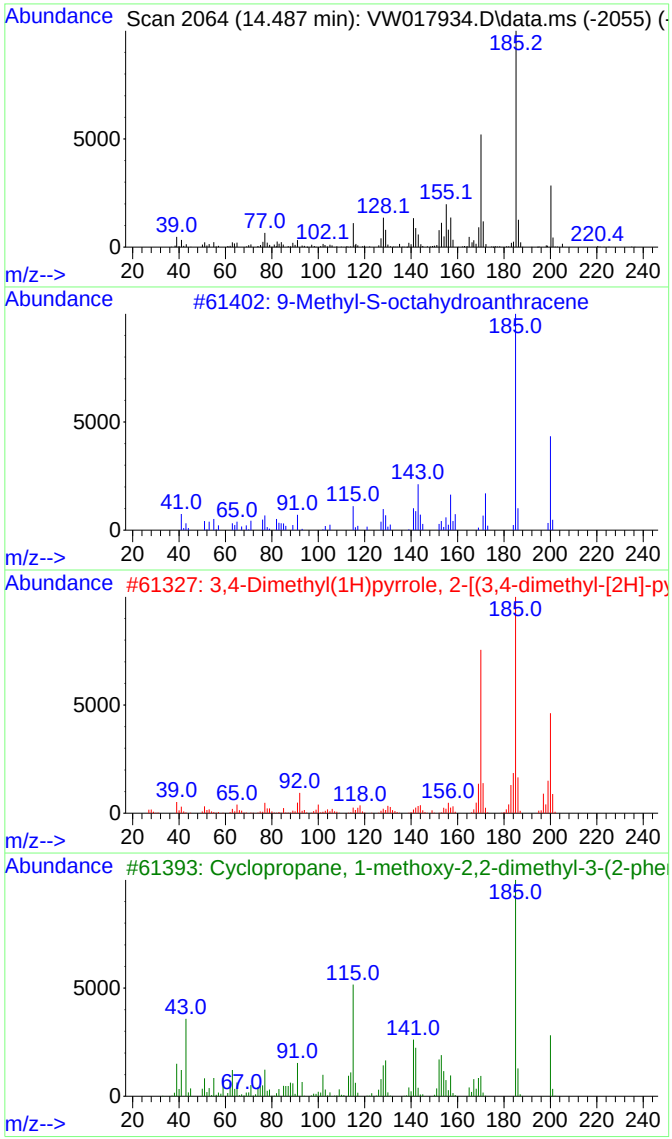
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

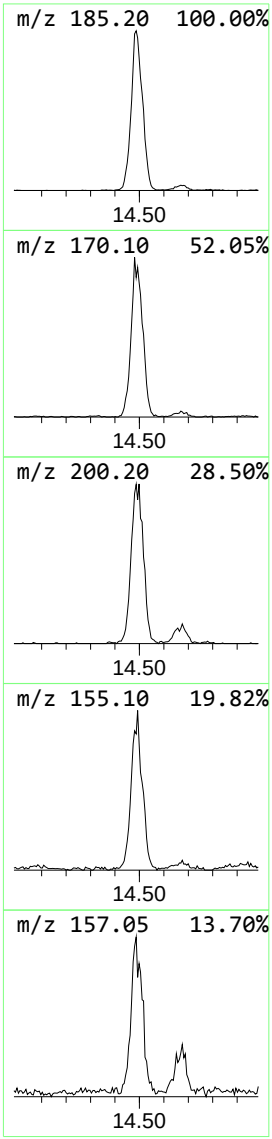
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Methyl-S-octahydroanthracene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	12.77 ug/L	692740	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	64
2	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	49
3	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	49
4	Methyl 2-diethylamino-3-methyl-b...	185	C10H19NO2	075122-81-5	47
5	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017934.D
Acq On : 18 Jan 2021 17:29
Operator : SY/VA
Sample : VIBLK03
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

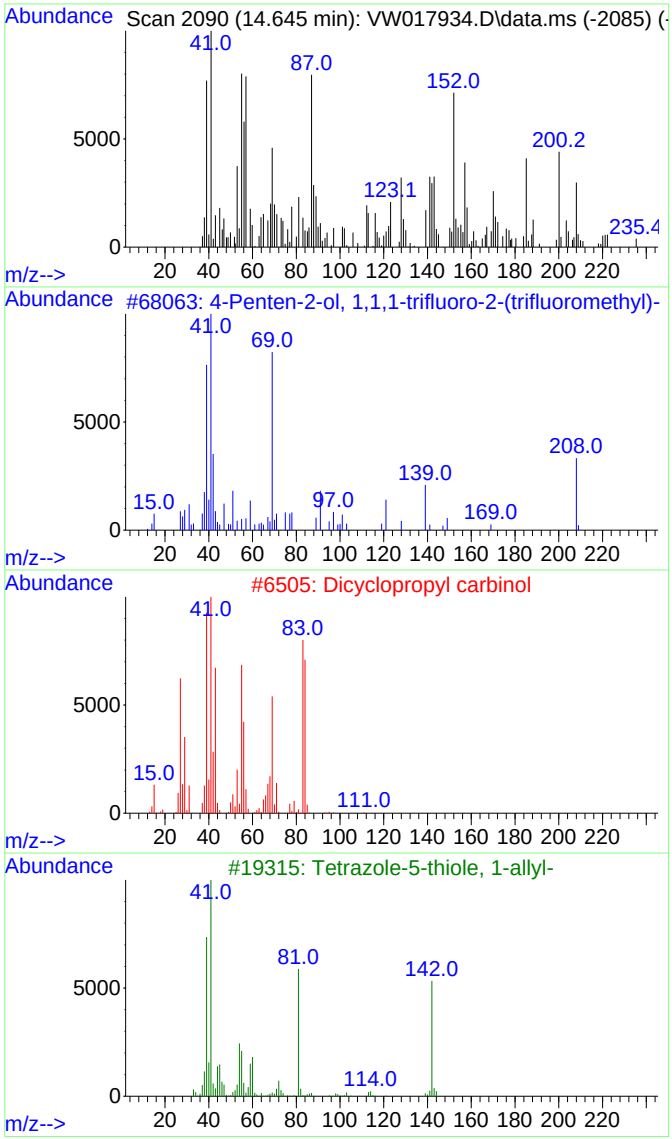
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

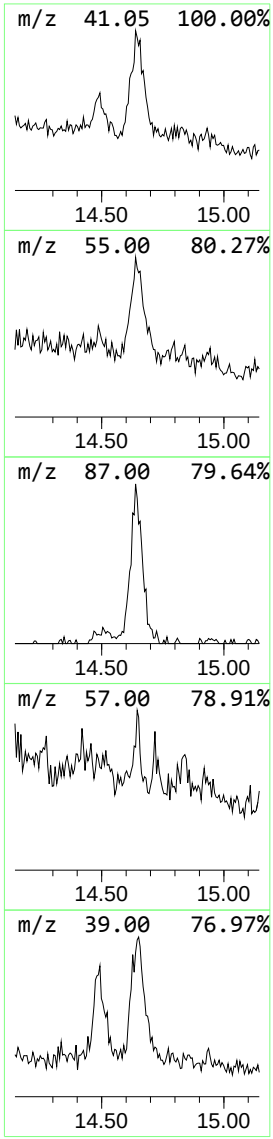
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	3.22 ug/L	175005	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-ol, 1,1,1-trifluoro-2...	208	C6H6F6O	000646-97-9	43
2	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	38
3	Tetrazole-5-thiole, 1-allyl-	142	C4H6N4S	007624-33-1	38
4	4-Pentenal	84	C5H8O	002100-17-6	38
5	Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	37





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Instrument : MSVOA_W
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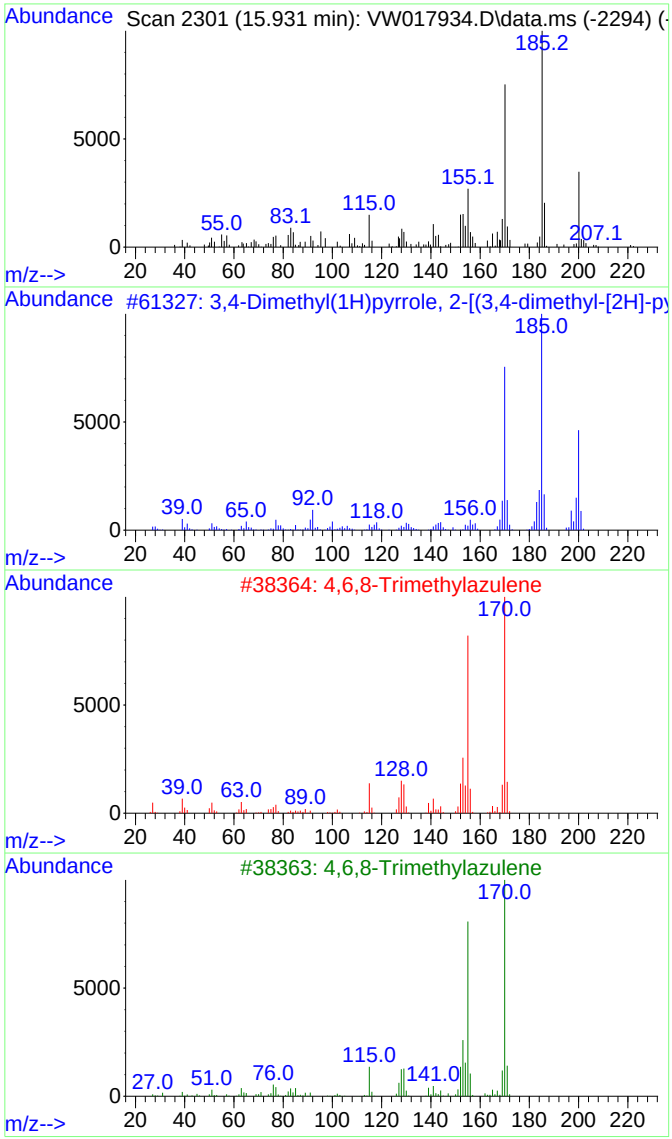
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

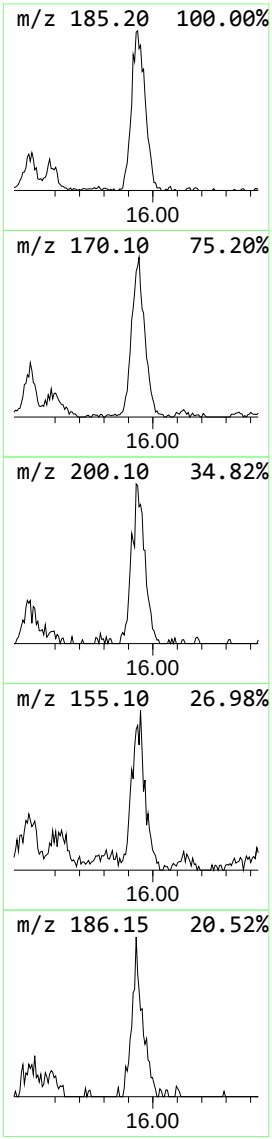
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.931	3.30 ug/L	178852	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	81
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	53
4	4'-(1-Pyrroyl)acetophenone	185	C12H11NO	022106-37-2	53
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9-Methyl-S-octa...	14.486	12.8	ug/L	692740	3	13.560	1356680	25.0
unknown-01	14.645	3.2	ug/L	175005	3	13.560	1356680	25.0
3,4-Dimethyl(1H...	15.931	3.3	ug/L	178852	3	13.560	1356680	25.0