LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
Data File : VW018453.D
Acq On : 25 Mar 2021 13:36
Operator : SY/VA
Sample : VIBLK22
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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\SOM2WLM031921S.M
Title : VOC Analysis

Signal : TIC: VW018453.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.087	28	30	32	rVB2	1501	1346	0.07%	0.008%
2	2.154	36	41	46	rBV	11373	23423	1.16%	0.142%
3	2.355	68	74	86	rVB	140546	287389	14.22%	1.738%
4	2.672	120	126	129	rBV5	6180	13813	0.68%	0.084%
5	2.891	154	162	174	rVB	108197	262926	13.01%	1.590%
6	3.196	211	212	213	rBV	804	554	0.03%	0.003%
7	3.214	213	215	219	rVV4	1314	1629	0.08%	0.010%
8	3.269	223	224	228	rVB3	855	623	0.03%	0.004%
9	3.385	239	243	246	rVV4	2187	3797	0.19%	0.023%
10	3.483	258	259	262	rBV3	760	744	0.04%	0.004%
11	3.556	268	271	274	rBV5	1141	1844	0.09%	0.011%
12	3.592	276	277	278	rVV	911	575	0.03%	0.003%
13	3.611	278	280	281	rVV	893	749	0.04%	0.005%
14	3.708	294	296	299	rVB3	619	615	0.03%	0.004%
15	3.745	299	302	303	rBV2	617	680	0.03%	0.004%
16	3.757	303	304	308	rVB2	677	562	0.03%	0.003%
17	3.861	319	321	323	rBV2	525	530	0.03%	0.003%
18	4.019	334	347	367	rBV	215605	691647	34.22%	4.183%
19	4.214	376	379	380	rBV2	608	652	0.03%	0.004%
20	4.263	385	387	390	rBV3	657	707	0.03%	0.004%
21	4.300	390	393	394	rBV2	667	666	0.03%	0.004%
22	4.324	394	397	398	rVB2	636	548	0.03%	0.003%
23	4.342	398	400	403	rBV3	515	620	0.03%	0.004%
24	4.440	414	416	418	rVB2	953	796	0.04%	0.005%
25	4.513	425	428	430	rVB3	402	501	0.02%	0.003%
26	4.562	430	436	437	rBV4	573	1104	0.05%	0.007%
27	4.586	437	440	444	rVB3	702	886	0.04%	0.005%
28	4.635	447	448	451	rBV3	607	549	0.03%	0.003%
29	4.732	461	464	465	rBV2	1078	897	0.04%	0.005%
30	4.915	480	494	512	rBV3	18944	76448	3.78%	0.462%
31	5.098	522	524	526	rBV3	429	519	0.03%	0.003%
32	5.184	537	538	542	rVB4	802	937	0.05%	0.006%
33	5.318	557	560	562	rBV2	718	646	0.03%	0.004%
34	5.397	571	573	575	rBV3	856	875	0.04%	0.005%
35	5.421	575	577	580	rVB4	805	966	0.05%	0.006%
36	5.476	584	586	588	rBV	593	509	0.03%	0.003%

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Title : VOC Analysis

37	5.507	588	591	593	rBV4	477	498	0.02%	0.003%
38	5.531	593	595	598	rVB3	525	540	0.03%	0.003%
39	5.665	612	617	619	rVB3	401	713	0.04%	0.004%
40	5.751	622	631	639	rBV5	2970	8874	0.44%	0.054%
41	5.842	643	646	648	rVB3	621	555	0.03%	0.003%
42	5.933	652	661	673	rBV2	7378	22750	1.13%	0.138%
43	6.098	684	688	690	rBV3	507	725	0.04%	0.004%
44	6.129	690	693	699	rVB3	622	1108	0.05%	0.007%
45	6.196	699	704	705	rBV3	713	958	0.05%	0.006%
46	6.244	711	712	715	rVB2	817	650	0.03%	0.004%
47	6.421	738	741	744	rBV5	591	1002	0.05%	0.006%
48	6.476	748	750	753	rVB3	668	565	0.03%	0.003%
49	6.519	753	757	759	rBV2	590	660	0.03%	0.004%
50	6.628	772	775	779	rBV2	350	543	0.03%	0.003%
51	6.726	788	791	793	rBV3	467	676	0.03%	0.004%
52	6.811	803	805	808	rVB	758	572	0.03%	0.003%
53	6.866	811	814	816	rBV3	677	634	0.03%	0.004%
54	6.891	816	818	819	rBV2	950	741	0.04%	0.004%
55	6.921	822	823	827	rVB2	775	772	0.04%	0.005%
56	6.964	827	830	835	rBV5	689	1487	0.07%	0.009%
57	7.074	840	848	855	rBV	51749	150436	7.44%	0.910%
58	7.336	886	891	893	rBV5	1204	2113	0.10%	0.013%
59	7.360	893	895	898	rVV4	1053	1157	0.06%	0.007%
60	7.421	904	905	908	rVV3	809	658	0.03%	0.004%
61	7.494	916	917	919	rBV2	680	640	0.03%	0.004%
62	7.537	921	924	925	rBV3	1031	1009	0.05%	0.006%
63	7.555	925	927	931	rBV4	668	1208	0.06%	0.007%
64	7.647	931	942	955	rBV2	347893	861228	42.62%	5.209%
65	7.738	955	957	959	rVB3	1173	915	0.05%	0.006%
66	7.756	959	960	963	rBV3	998	1069	0.05%	0.006%
67	7.787	963	965	968	rVB4	580	576	0.03%	0.003%
68	7.811	968	969	971	rBV2	806	510	0.03%	0.003%
69	7.848	971	975	976	rBV4	1786	2022	0.10%	0.012%
70	7.866	976	978	981	rVV4	1441	1044	0.05%	0.006%
71	7.939	987	990	991	rBV3	2251	2275	0.11%	0.014%
72	8.037	1004	1006	1007	rBV2	979	739	0.04%	0.004%
73	8.055	1007	1009	1011	rBV3	730	823	0.04%	0.005%
74	8.134	1020	1022	1025	rBV4	806	945	0.05%	0.006%
75	8.177	1025	1029	1030	rVB4	1644	2041	0.10%	0.012%
76	8.275	1032	1045	1061	rBV2	692360	2020940	100.00%	12.222%

LSC Area Percent Report

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Title : VOC Analysis

77	8.482	1077	1079	1081	rBV3	1191	1136	0.06%	0.007%
78	8.500	1081	1082	1086	rVV4	1481	1852	0.09%	0.011%
79	8.768	1124	1126	1127	rBV2	1016	669	0.03%	0.004%
80	8.841	1129	1138	1147	rVV	691852	1371996	67.89%	8.298%
81	9.079	1174	1177	1178	rBV3	3776	4469	0.22%	0.027%
82	9.140	1185	1187	1188	rBV2	1811	1139	0.06%	0.007%
83	9.274	1200	1209	1219	rBV	444428	903346	44.70%	5.463%
84	10.036	1327	1334	1343	rBV	261834	464734	23.00%	2.811%
85	10.323	1374	1381	1391	rBV	1010768	1752778	86.73%	10.600%
86	10.579	1417	1423	1430	rBV	171515	300528	14.87%	1.818%
87	10.707	1437	1444	1450	rBV2	151776	289353	14.32%	1.750%
88	10.920	1474	1479	1487	rBV	213294	391490	19.37%	2.368%
89	11.067	1499	1503	1510	rBV6	29632	55051	2.72%	0.333%
90	11.628	1589	1595	1605	rVB	957861	1650532	81.67%	9.982%
91	12.609	1750	1756	1764	rBV2	208389	431528	21.35%	2.610%
92	12.688	1764	1769	1776	rVB	370984	638688	31.60%	3.863%
93	13.554	1905	1911	1920	rVB	990892	1638550	81.08%	9.910%
94	13.749	1935	1943	1954	rVB	51593	199438	9.87%	1.206%
95	13.853	1954	1960	1967	rBV	962190	1563221	77.35%	9.454%
96	14.066	1991	1995	2003	rVB2	85609	148510	7.35%	0.898%
97	14.493	2062	2065	2070	rBV4	28082	52112	2.58%	0.315%
98	15.072	2155	2160	2166	rBV5	36264	90304	4.47%	0.546%
99	15.322	2197	2201	2205	rBV6	29059	59460	2.94%	0.360%
100	16.358	2364	2371	2376	rBV6	13589	44399	2.20%	0.269%

Sum of corrected areas: 16534926

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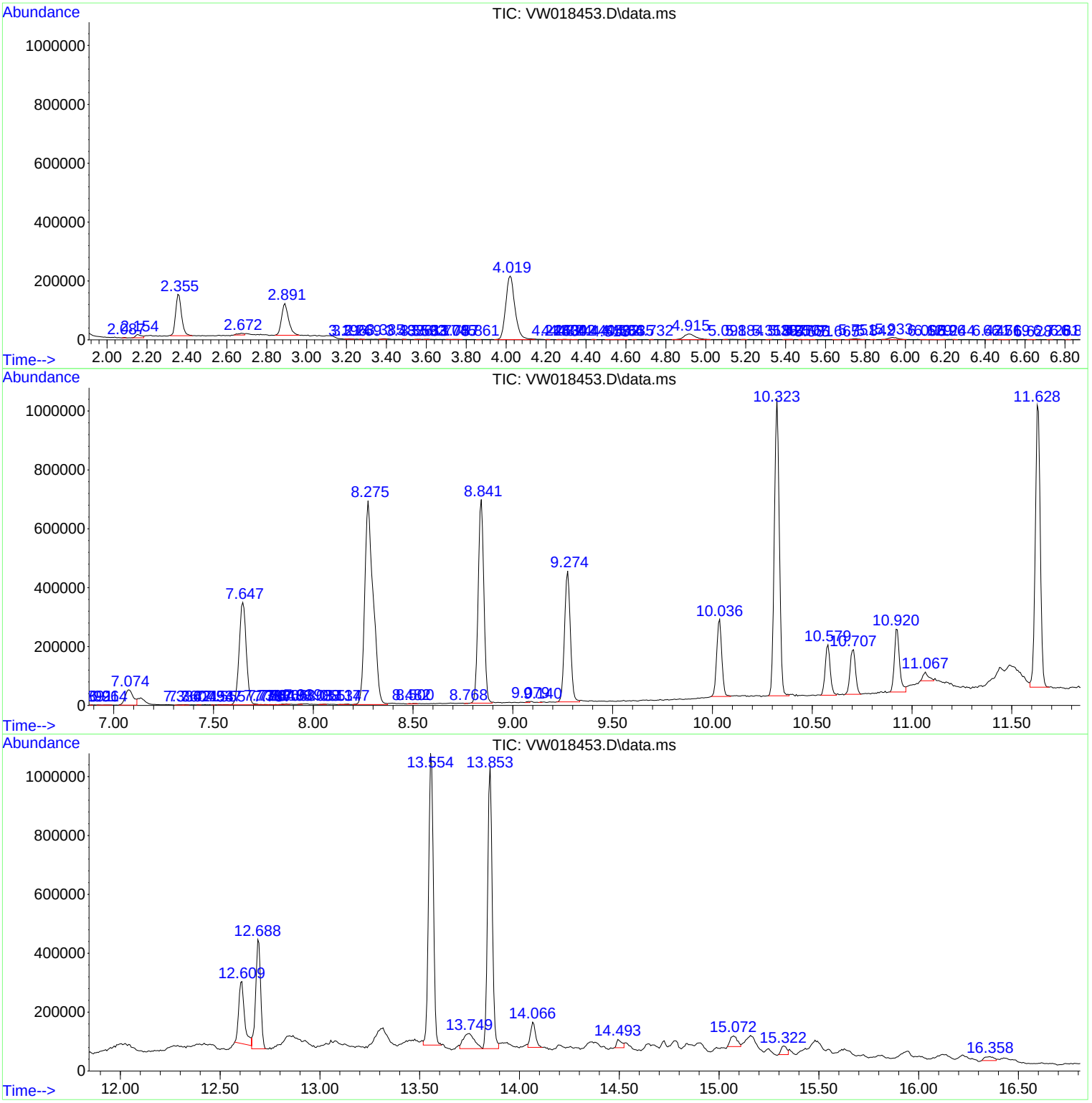
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
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Quant Title : VOC Analysis

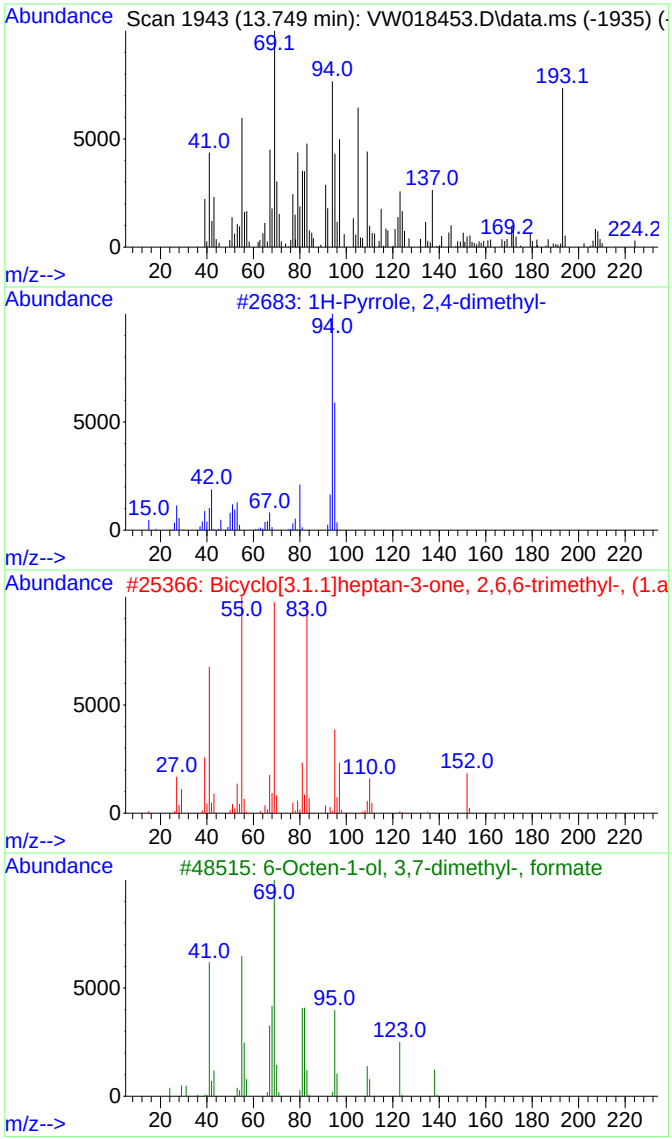
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

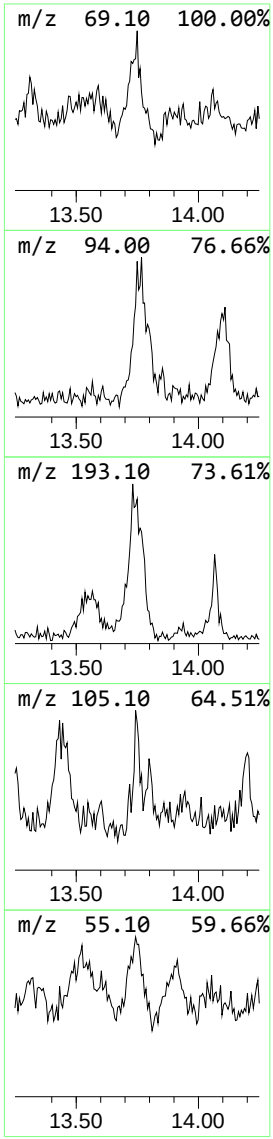
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	3.04 ug/L	199438	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,4-dimethyl-	95	C6H9N	000625-82-1	15
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
3	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	12
4	3-Cyclohexene-1-carboxylic acid,...	154	C9H14O2	006493-79-4	11
5	1H-Pyrrole-2-ethanamine, 1-methyl-	124	C7H12N2	083732-75-6	11





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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

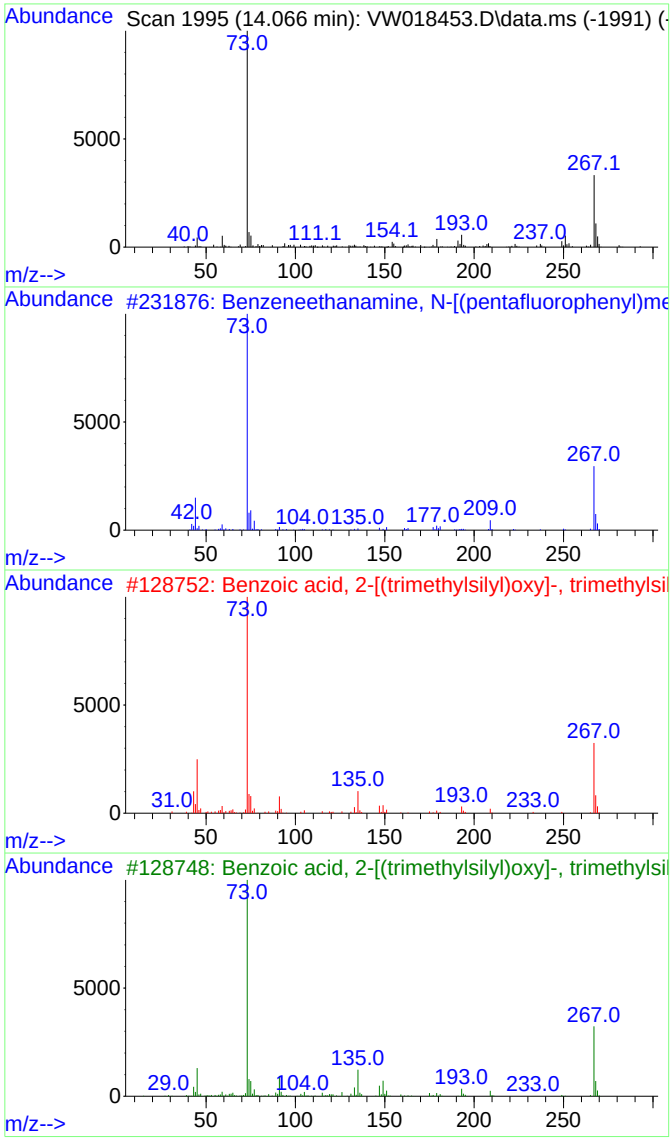
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

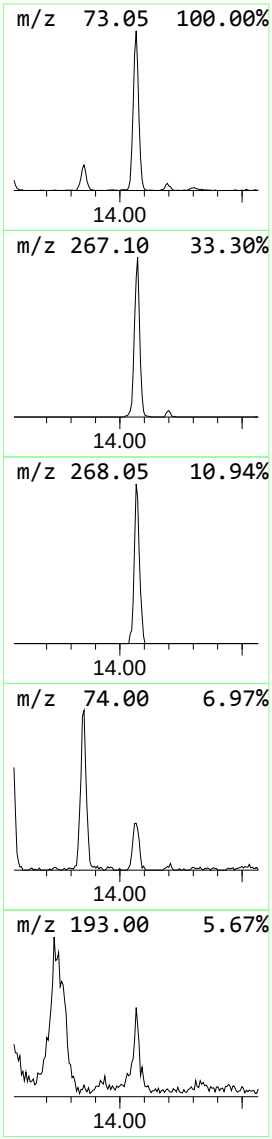
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzeneethanamine, N-[(pent... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.27 ug/L	148510	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	50
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
5	Trimethylsilyloxyethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	42





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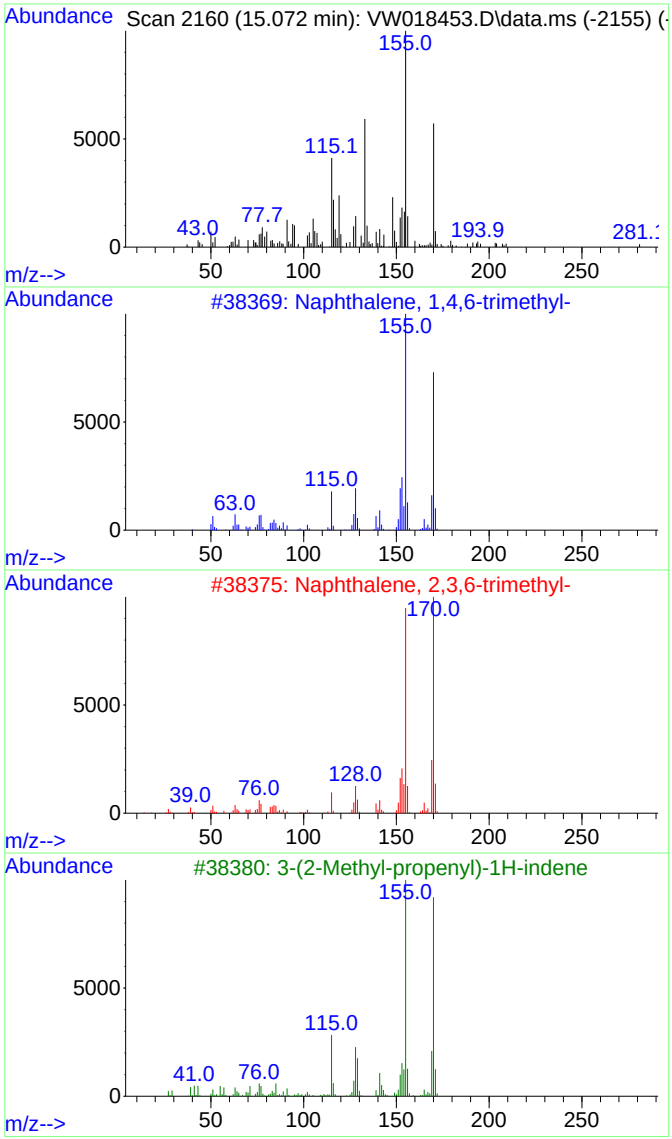
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

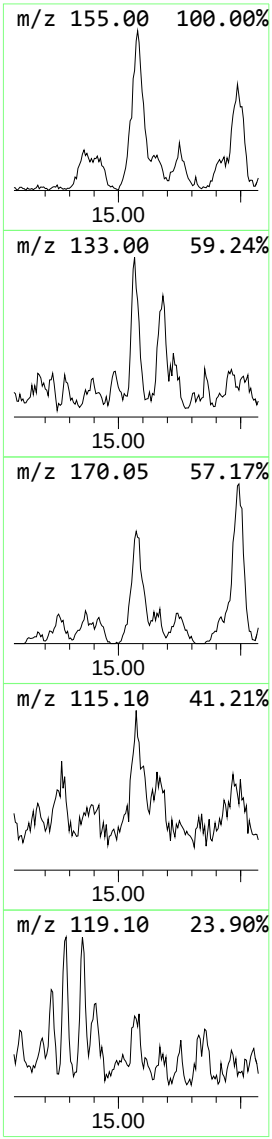
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	1.38 ug/L	90304	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	52
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	13.749	3.0	ug/L	199438	3	13.554	1638550	25.0
Benzeneethanami...	14.066	2.3	ug/L	148510	3	13.554	1638550	25.0
Naphthalene, 1,...	15.072	1.4	ug/L	90304	3	13.554	1638550	25.0