LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040521\
Data File : VV020920.D
Acq On : 05 Apr 2021 17:19
Operator : SY/MD
Sample : M1859-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3G5

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_V\Method\SOMVLM032321WMA.M
Title : VOC Analysis

Signal : TIC: VV020920.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	77	83	95	rVB	274376	274484	12.45%	1.635%
2	1.571	157	165	174	rBV	217844	244324	11.08%	1.456%
3	2.108	322	332	347	rBV	502509	735986	33.38%	4.385%
4	2.954	590	595	596	rBV3	1241	1046	0.05%	0.006%
5	3.044	611	623	643	rVB3	44952	95130	4.32%	0.567%
6	3.114	643	645	649	rBV3	635	416	0.02%	0.002%
7	3.156	654	658	660	rBV	645	345	0.02%	0.002%
8	3.169	660	662	667	rVB3	675	437	0.02%	0.003%
9	3.198	667	671	675	rBV2	602	474	0.02%	0.003%
10	3.224	675	679	680	rBV2	311	238	0.01%	0.001%
11	3.249	685	687	691	rVB3	490	354	0.02%	0.002%
12	3.304	699	704	705	rBV2	674	437	0.02%	0.003%
13	3.314	705	707	712	rVB2	874	560	0.03%	0.003%
14	3.397	729	733	739	rBV	670	619	0.03%	0.004%
15	3.423	739	741	743	rVV	464	179	0.01%	0.001%
16	3.491	758	762	765	rBV3	460	464	0.02%	0.003%
17	3.507	765	767	771	rVB2	385	285	0.01%	0.002%
18	3.529	771	774	775	rBV2	476	285	0.01%	0.002%
19	3.590	792	793	795	rBV	419	154	0.01%	0.001%
20	3.609	795	799	802	rBV3	477	427	0.02%	0.003%
21	3.648	809	811	813	rBV	481	169	0.01%	0.001%
22	3.664	813	816	818	rBV5	475	369	0.02%	0.002%
23	3.767	835	848	872	rVB2	82742	214001	9.71%	1.275%
24	3.902	878	890	934	rBV2	110067	406075	18.42%	2.419%
25	4.352	1015	1030	1056	rBV	378850	942991	42.77%	5.618%
26	4.654	1119	1124	1126	rBV6	1295	1253	0.06%	0.007%
27	4.828	1176	1178	1179	rBV6	556	209	0.01%	0.001%
28	4.886	1194	1196	1202	rVB3	531	420	0.02%	0.003%
29	4.915	1202	1205	1209	rVB2	1420	806	0.04%	0.005%
30	4.941	1209	1213	1216	rBV2	512	452	0.02%	0.003%
31	4.979	1223	1225	1228	rVB2	819	412	0.02%	0.002%
32	5.050	1229	1247	1279	rBV2	859299	2204632	100.00%	13.134%
33	5.413	1357	1360	1364	rBV3	982	766	0.03%	0.005%
34	5.519	1390	1393	1395	rBV2	423	260	0.01%	0.002%
35	5.552	1402	1403	1406	rVB3	570	228	0.01%	0.001%
36	5.619	1411	1424	1451	rBV	614161	1240141	56.25%	7.388%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3G5

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_V\Method\SOMVLM032321WMA.M
Title : VOC Analysis

37	5.908	1504	1514	1531	rBV	45567	92081	4.18%	0.549%
38	6.072	1552	1565	1587	rBV	476245	959298	43.51%	5.715%
39	6.494	1694	1696	1698	rBV2	537	234	0.01%	0.001%
40	6.526	1704	1706	1708	rVB2	840	323	0.01%	0.002%
41	6.709	1761	1763	1765	rVB2	542	263	0.01%	0.002%
42	6.825	1792	1799	1803	rBV4	782	786	0.04%	0.005%
43	6.879	1812	1816	1819	rBV4	563	552	0.03%	0.003%
44	6.915	1824	1827	1830	rBV3	518	416	0.02%	0.002%
45	6.989	1837	1850	1869	rBV	282811	507551	23.02%	3.024%
46	7.243	1926	1929	1932	rBV2	819	597	0.03%	0.004%
47	7.320	1940	1953	1972	rBV	1050540	1802451	81.76%	10.738%
48	7.625	2038	2048	2072	rBV2	193766	342236	15.52%	2.039%
49	7.847	2115	2117	2121	rVB3	910	577	0.03%	0.003%
50	7.870	2121	2124	2125	rBV2	708	337	0.02%	0.002%
51	8.034	2173	2175	2176	rBV	451	148	0.01%	0.001%
52	8.047	2176	2179	2181	rBV4	751	379	0.02%	0.002%
53	8.059	2181	2183	2184	rBV2	755	321	0.01%	0.002%
54	8.095	2184	2194	2226	rBV2	458979	915741	41.54%	5.456%
55	8.378	2280	2282	2287	rVB6	940	665	0.03%	0.004%
56	8.510	2321	2323	2325	rVB2	786	342	0.02%	0.002%
57	8.577	2341	2344	2349	rBV5	826	814	0.04%	0.005%
58	8.693	2378	2380	2382	rBV2	428	213	0.01%	0.001%
59	8.780	2404	2407	2409	rBV	594	273	0.01%	0.002%
60	8.812	2414	2417	2418	rBV	655	338	0.02%	0.002%
61	8.857	2418	2431	2459	rBV	921045	1493881	67.76%	8.900%
62	9.214	2541	2542	2544	rBV	515	163	0.01%	0.001%
63	9.227	2544	2546	2549	rBV2	561	336	0.02%	0.002%
64	9.262	2555	2557	2560	rBV	616	374	0.02%	0.002%
65	9.297	2566	2568	2571	rBV2	464	239	0.01%	0.001%
66	9.461	2617	2619	2620	rBV	677	274	0.01%	0.002%
67	9.484	2625	2626	2629	rVB2	410	165	0.01%	0.001%
68	9.529	2638	2640	2642	rBV	614	336	0.02%	0.002%
69	9.545	2642	2645	2646	rBV	791	438	0.02%	0.003%
70	9.629	2668	2671	2673	rBV2	835	425	0.02%	0.003%
71	9.683	2686	2688	2693	rVB2	666	366	0.02%	0.002%
72	9.757	2707	2711	2715	rVB2	685	689	0.03%	0.004%
73	9.789	2715	2721	2722	rBV2	525	509	0.02%	0.003%
74	9.934	2761	2766	2767	rBV3	506	384	0.02%	0.002%
75	9.995	2783	2785	2787	rBV2	672	330	0.01%	0.002%
76	10.027	2791	2795	2797	rBV3	937	802	0.04%	0.005%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3G5

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_V\Method\SOMVLM032321WMA.M
Title : VOC Analysis

77	10.072	2805	2809	2811	rBV2	696	603	0.03%	0.004%
78	10.133	2818	2828	2843	rBV7	4889	8728	0.40%	0.052%
79	10.220	2843	2855	2876	rBV	647144	1021203	46.32%	6.084%
80	10.484	2934	2937	2942	rBV3	595	679	0.03%	0.004%
81	10.580	2962	2967	2972	rBV8	1789	2365	0.11%	0.014%
82	10.641	2983	2986	2989	rBV2	318	267	0.01%	0.002%
83	10.866	3053	3056	3061	rBV4	1111	770	0.03%	0.005%
84	10.944	3067	3080	3091	rBV7	7831	22029	1.00%	0.131%
85	11.255	3165	3177	3200	rBV	961754	1486572	67.43%	8.856%
86	11.628	3281	3293	3315	rBV	1123051	1738670	78.86%	10.358%
87	12.075	3429	3432	3436	rBV2	698	550	0.02%	0.003%
88	12.098	3436	3439	3440	rBV2	846	490	0.02%	0.003%
89	12.130	3447	3449	3453	rBV4	871	495	0.02%	0.003%
90	12.156	3454	3457	3462	rVB3	1109	739	0.03%	0.004%
91	12.255	3485	3488	3490	rVB2	840	457	0.02%	0.003%
92	12.268	3490	3492	3495	rVB2	934	479	0.02%	0.003%
93	12.288	3495	3498	3500	rBV2	692	489	0.02%	0.003%
94	12.577	3586	3588	3590	rVB2	624	264	0.01%	0.002%
95	12.767	3643	3647	3649	rBV2	603	497	0.02%	0.003%
96	12.947	3701	3703	3705	rBV2	494	287	0.01%	0.002%
97	13.088	3742	3747	3749	rVB3	990	671	0.03%	0.004%
98	13.522	3879	3882	3883	rBV	463	247	0.01%	0.001%
99	13.625	3912	3914	3916	rBV	808	463	0.02%	0.003%
100	14.493	4182	4184	4186	rBV3	1206	658	0.03%	0.004%

Sum of corrected areas: 16785147

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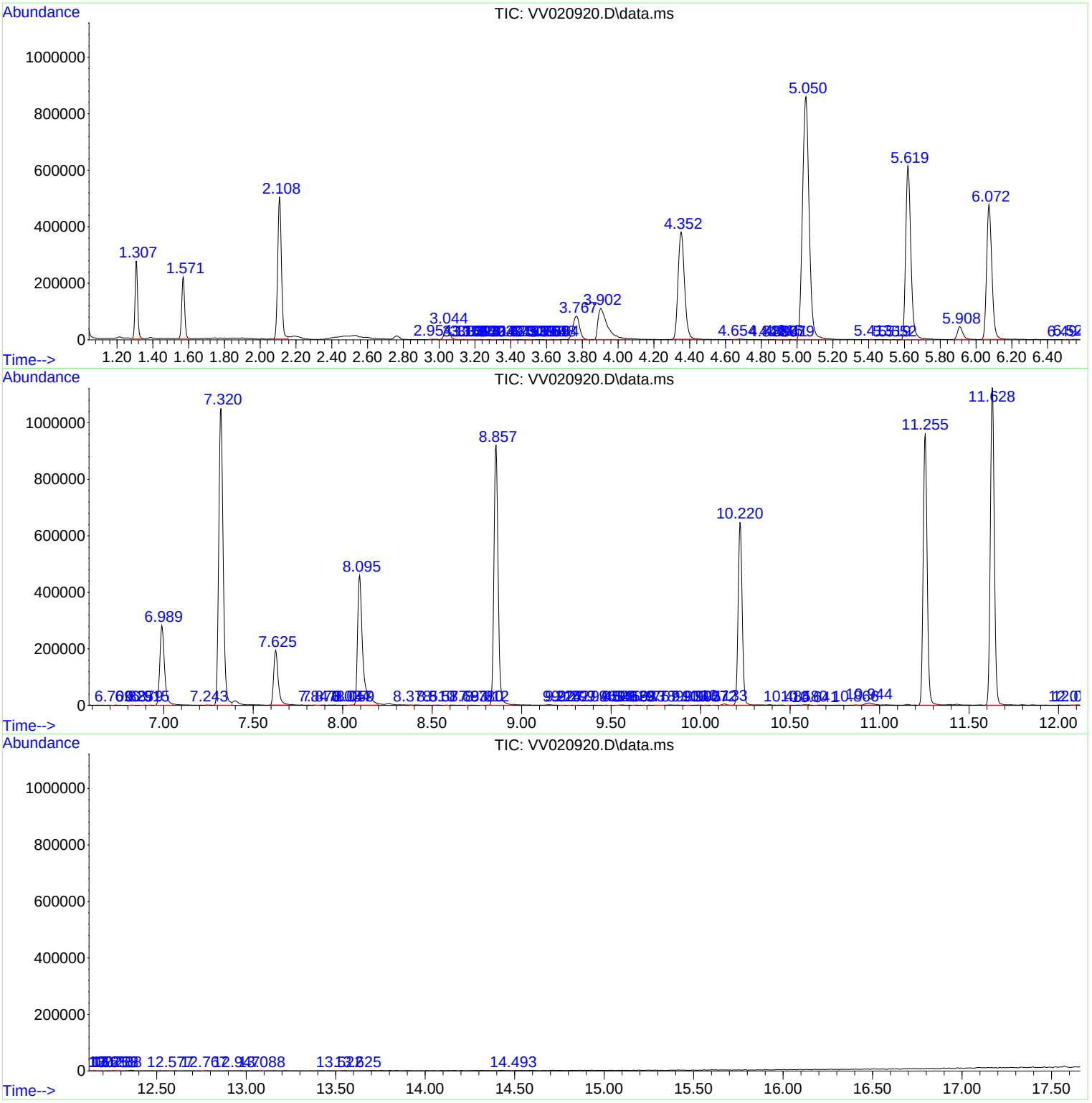
Instrument :
MSVOA_V
ClientSampleId :
BG3G5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis

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



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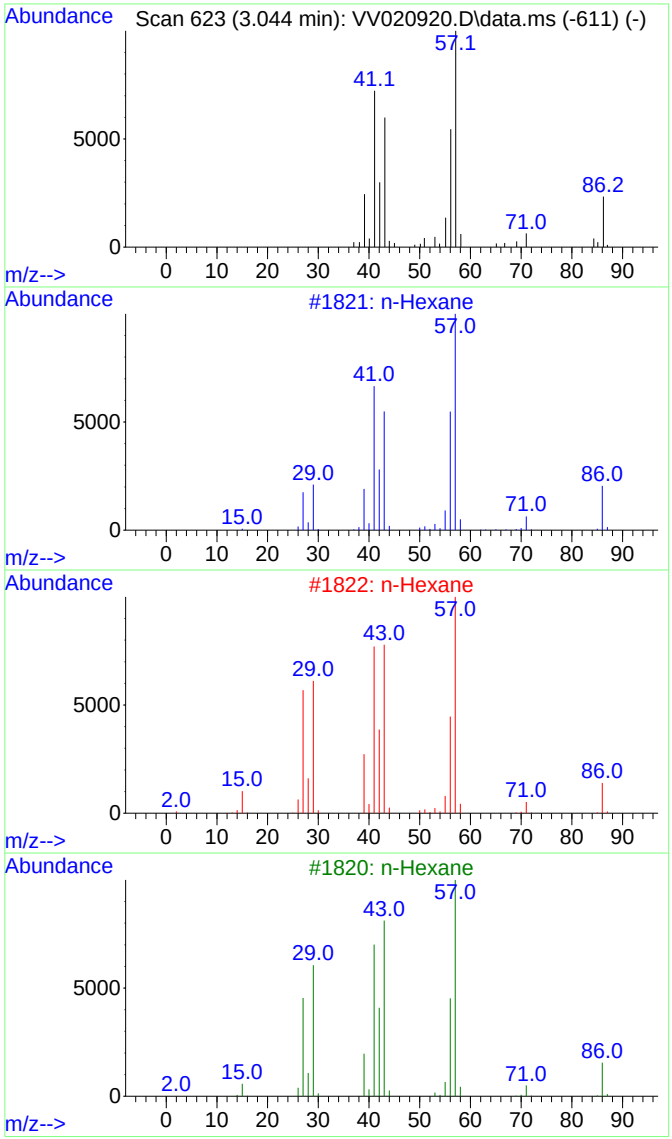
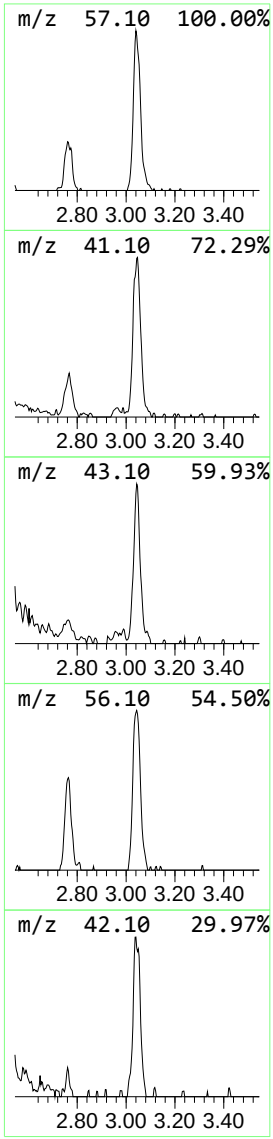
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.044	3.84 ug/L	95130	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	38





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Instrument : MSVOA_V
ClientSampleId : BG3G5

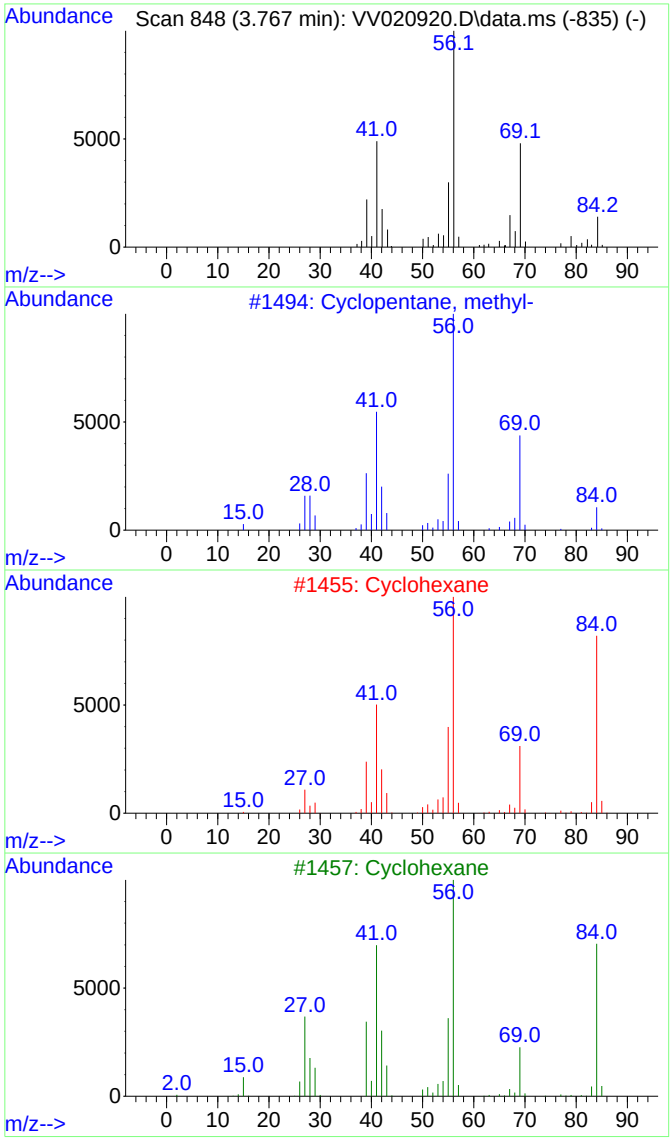
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis

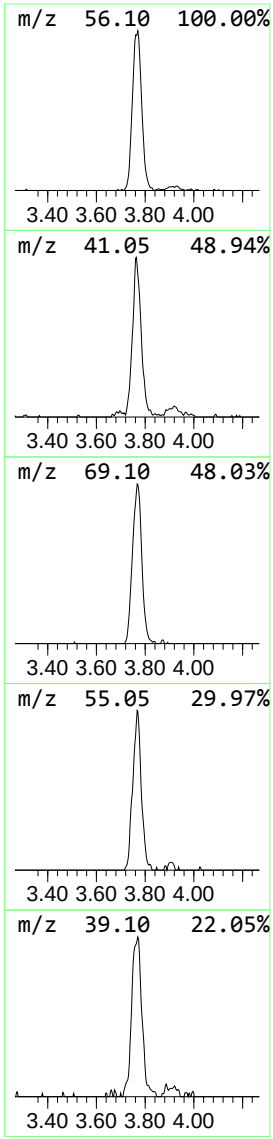
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.767 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.767	8.63 ug/L	214001	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	74
3	Cyclohexane	84	C6H12	000110-82-7	74
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





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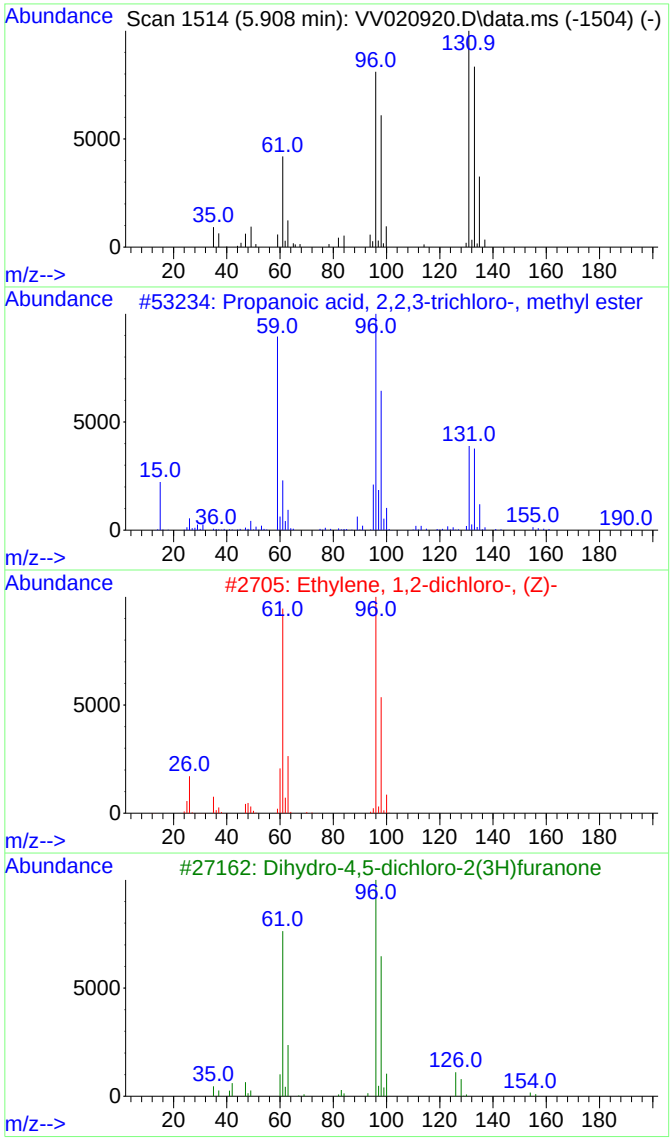
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis

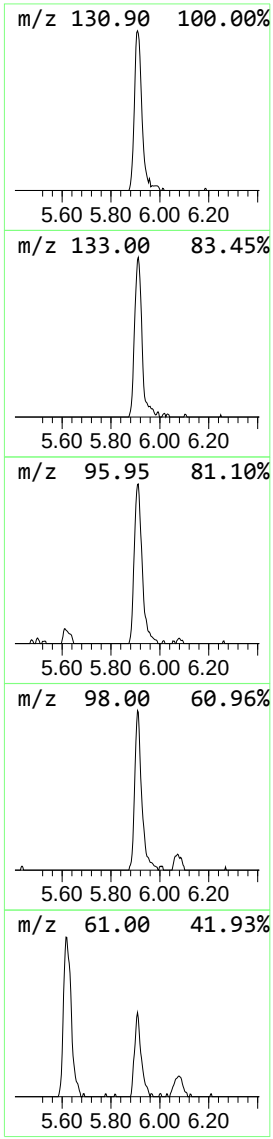
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 2,2,3-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.908	3.71 ug/L	92081	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	41
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5	3-Amino-1,2,4-triazine	96	C3H4N4	001120-99-6	9





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
(DEL) Alkane: S...	3.044	3.8	ug/L	95130	1	5.619	1240140	50.0
(DEL) Alkane: C...	3.767	8.6	ug/L	214001	1	5.619	1240140	50.0
Propanoic acid,...	5.908	3.7	ug/L	92081	1	5.619	1240140	50.0