LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021665.D
Acq On : 15 Jul 2021 12:21
Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M5

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\SFAMVLM062921WMA.M
Title : VOC Analysis

Signal : TIC: VV021665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	97	rVB	232727	238126	13.17%	1.475%
2	1.558	154	161	174	rVB	178007	207009	11.45%	1.282%
3	2.105	321	331	344	rBV	374733	542813	30.03%	3.361%
4	2.291	380	389	407	rVB	50128	77246	4.27%	0.478%
5	2.761	519	535	565	rBV3	558706	1183541	65.47%	7.329%
6	3.037	601	621	652	rBV	573190	1147614	63.48%	7.106%
7	3.481	757	759	762	rVB2	525	217	0.01%	0.001%
8	3.500	762	765	766	rBV	302	176	0.01%	0.001%
9	3.603	794	797	800	rBV2	401	216	0.01%	0.001%
10	3.658	810	814	819	rBV3	400	344	0.02%	0.002%
11	3.680	819	821	823	rBV	198	76	0.00%	0.000%
12	3.757	823	845	869	rBV	309922	793342	43.88%	4.912%
13	3.867	869	879	913	rBV	147097	381524	21.10%	2.362%
14	4.346	1011	1028	1059	rBV	280170	699629	38.70%	4.332%
15	4.571	1096	1098	1104	rBV3	573	583	0.03%	0.004%
16	4.764	1156	1158	1161	rVB2	422	242	0.01%	0.001%
17	4.863	1184	1189	1191	rBV3	270	199	0.01%	0.001%
18	4.931	1208	1210	1213	rBV2	248	108	0.01%	0.001%
19	4.960	1217	1219	1220	rBV	322	155	0.01%	0.001%
20	4.969	1220	1222	1225	rVB3	424	206	0.01%	0.001%
21	5.043	1225	1245	1257	rBV2	695241	1807828	100.00%	11.194%
22	5.481	1377	1381	1383	rBV2	529	376	0.02%	0.002%
23	5.490	1383	1384	1385	rBV2	297	76	0.00%	0.000%
24	5.522	1392	1394	1397	rBV2	613	439	0.02%	0.003%
25	5.616	1411	1423	1456	rBV	414474	844416	46.71%	5.229%
26	5.905	1502	1513	1535	rBV3	22800	48367	2.68%	0.299%
27	6.069	1549	1564	1593	rBV	391316	808096	44.70%	5.004%
28	6.439	1676	1679	1681	rBV2	605	302	0.02%	0.002%
29	6.452	1681	1683	1685	rVV	224	118	0.01%	0.001%
30	6.468	1686	1688	1689	rVB2	286	86	0.00%	0.001%
31	6.487	1692	1694	1695	rBV	227	102	0.01%	0.001%
32	6.744	1768	1774	1777	rBV3	591	490	0.03%	0.003%
33	6.793	1786	1789	1790	rBV2	424	215	0.01%	0.001%
34	6.815	1794	1796	1799	rVV2	271	153	0.01%	0.001%
35	6.866	1810	1812	1818	rVB3	277	218	0.01%	0.001%
36	6.892	1818	1820	1822	rBV2	165	97	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M5

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\SFAMVLM062921WMA.M
Title : VOC Analysis

37	6.921	1826	1829	1835	rBV2	239	313	0.02%	0.002%
38	6.985	1838	1849	1871	rBV	240266	434638	24.04%	2.691%
39	7.317	1939	1952	1970	rBV	853159	1481496	81.95%	9.174%
40	7.622	2037	2047	2077	rBV	162860	284261	15.72%	1.760%
41	7.805	2101	2104	2109	rVB4	595	532	0.03%	0.003%
42	7.895	2129	2132	2134	rBV	314	150	0.01%	0.001%
43	7.937	2136	2145	2154	rBV3	2456	4329	0.24%	0.027%
44	8.005	2163	2166	2169	rBV	168	106	0.01%	0.001%
45	8.027	2172	2173	2175	rVB	321	81	0.00%	0.001%
46	8.043	2175	2178	2180	rBV	224	134	0.01%	0.001%
47	8.085	2180	2191	2232	rBV	457852	867387	47.98%	5.371%
48	8.461	2303	2308	2312	rBV	437	369	0.02%	0.002%
49	8.481	2312	2314	2317	rBV2	335	165	0.01%	0.001%
50	8.497	2317	2319	2324	rBV4	371	229	0.01%	0.001%
51	8.574	2338	2343	2345	rBV3	669	500	0.03%	0.003%
52	8.619	2356	2357	2358	rVB	405	78	0.00%	0.000%
53	8.628	2358	2360	2362	rBV2	192	92	0.01%	0.001%
54	8.715	2385	2387	2390	rVB	403	218	0.01%	0.001%
55	8.751	2395	2398	2400	rBV	400	248	0.01%	0.002%
56	8.776	2404	2406	2409	rVB	252	152	0.01%	0.001%
57	8.809	2409	2416	2418	rBV3	571	623	0.03%	0.004%
58	8.854	2418	2430	2460	rBV	625624	1021300	56.49%	6.324%
59	9.143	2515	2520	2522	rBV3	1347	1162	0.06%	0.007%
60	9.220	2542	2544	2546	rBV2	305	174	0.01%	0.001%
61	9.336	2578	2580	2584	rBV2	230	148	0.01%	0.001%
62	9.497	2625	2630	2633	rBV	382	358	0.02%	0.002%
63	9.648	2675	2677	2678	rBV	250	94	0.01%	0.001%
64	9.680	2684	2687	2689	rBV2	258	185	0.01%	0.001%
65	9.693	2689	2691	2697	rVB2	377	215	0.01%	0.001%
66	9.731	2702	2703	2705	rVV	217	76	0.00%	0.000%
67	9.744	2705	2707	2710	rVB2	452	247	0.01%	0.002%
68	9.763	2710	2713	2716	rBV2	284	198	0.01%	0.001%
69	9.805	2721	2726	2728	rBV2	328	278	0.02%	0.002%
70	9.908	2756	2758	2760	rBV	321	138	0.01%	0.001%
71	9.940	2764	2768	2770	rBV2	359	310	0.02%	0.002%
72	9.969	2774	2777	2779	rBV3	197	120	0.01%	0.001%
73	9.982	2779	2781	2784	rBV2	351	162	0.01%	0.001%
74	10.005	2784	2788	2790	rBV4	394	271	0.01%	0.002%
75	10.075	2807	2810	2813	rBV	293	188	0.01%	0.001%
76	10.127	2820	2826	2839	rVB3	4202	5996	0.33%	0.037%

LSC Area Percent Report

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Acq On : 15 Jul 2021 12:21
Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M5

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\SFAMVLM062921WMA.M
Title : VOC Analysis

77	10.217	2842	2854	2877	rBV	530430	843669	46.67%	5.224%
78	10.516	2944	2947	2950	rBV	217	108	0.01%	0.001%
79	10.532	2950	2952	2955	rBV2	527	387	0.02%	0.002%
80	10.667	2988	2994	2997	rBV4	818	994	0.05%	0.006%
81	10.786	3030	3031	3034	rVB	460	131	0.01%	0.001%
82	10.812	3034	3039	3040	rBV2	298	253	0.01%	0.002%
83	10.882	3055	3061	3063	rBV3	743	734	0.04%	0.005%
84	10.918	3065	3072	3087	rVB7	3600	6657	0.37%	0.041%
85	10.976	3087	3090	3095	rBV3	459	362	0.02%	0.002%
86	11.043	3104	3111	3116	rBV5	1034	1315	0.07%	0.008%
87	11.249	3164	3175	3203	rBV	659757	1041246	57.60%	6.448%
88	11.477	3243	3246	3248	rBV2	284	144	0.01%	0.001%
89	11.519	3256	3259	3261	rBV2	288	196	0.01%	0.001%
90	11.538	3261	3265	3266	rBV2	674	458	0.03%	0.003%
91	11.625	3280	3292	3312	rBV	849616	1352938	74.84%	8.378%
92	11.841	3354	3359	3360	rBV	1025	687	0.04%	0.004%
93	11.988	3400	3405	3407	rBV	319	324	0.02%	0.002%
94	12.252	3478	3487	3499	rBV4	1040	2348	0.13%	0.015%
95	12.355	3516	3519	3528	rVB7	2360	2765	0.15%	0.017%
96	12.509	3565	3567	3570	rBV	417	207	0.01%	0.001%
97	12.564	3583	3584	3585	rBV	241	88	0.00%	0.001%
98	12.593	3590	3593	3594	rBV2	645	431	0.02%	0.003%
99	12.982	3712	3714	3716	rBV2	356	131	0.01%	0.001%
100	13.509	3876	3878	3881	rBV2	731	510	0.03%	0.003%

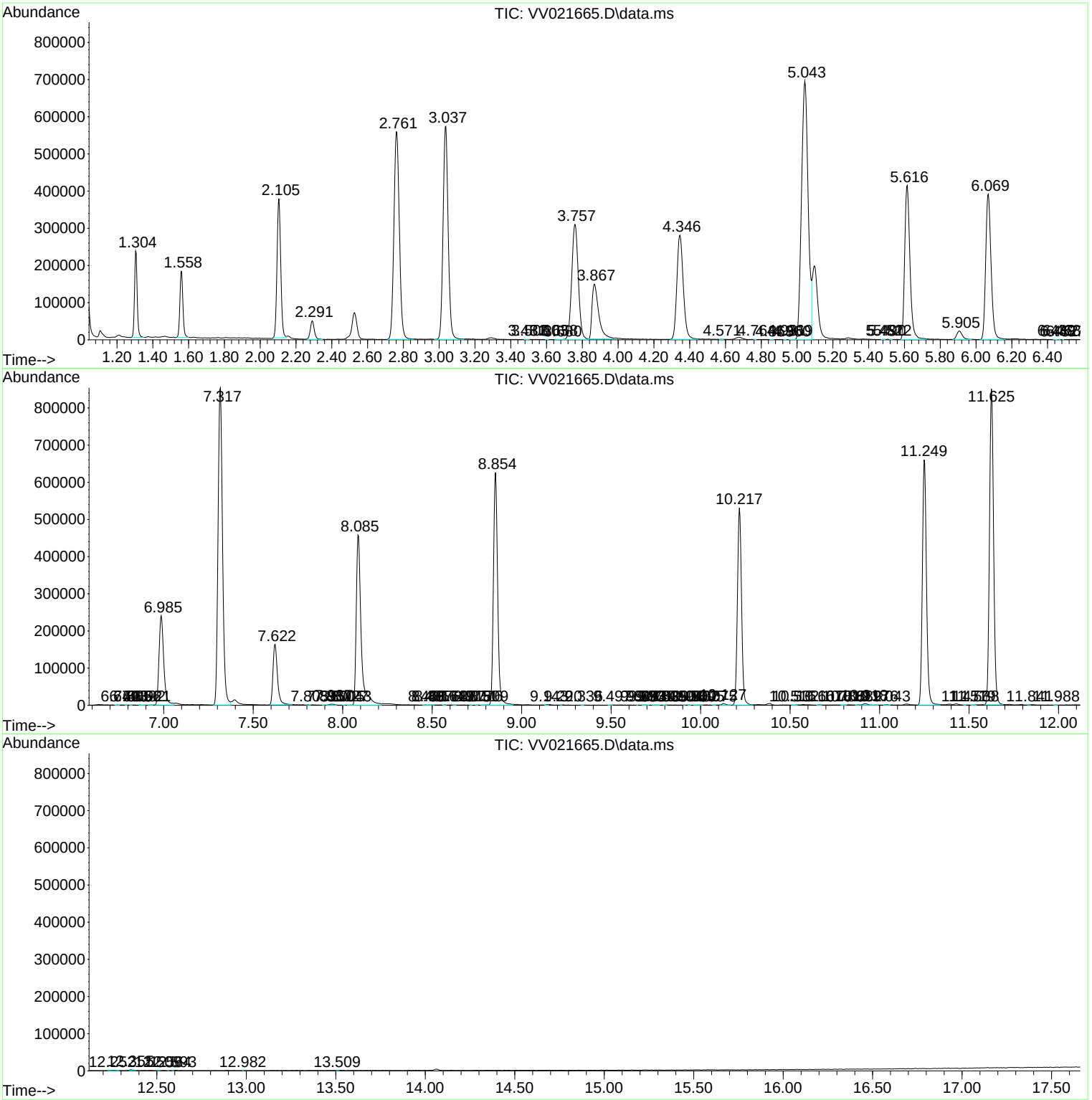
Sum of corrected areas: 16149549

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021665.D
Acq On : 15 Jul 2021 12:21
Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7M5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
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Instrument : MSVOA_V
ClientSampleId : BG7M5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

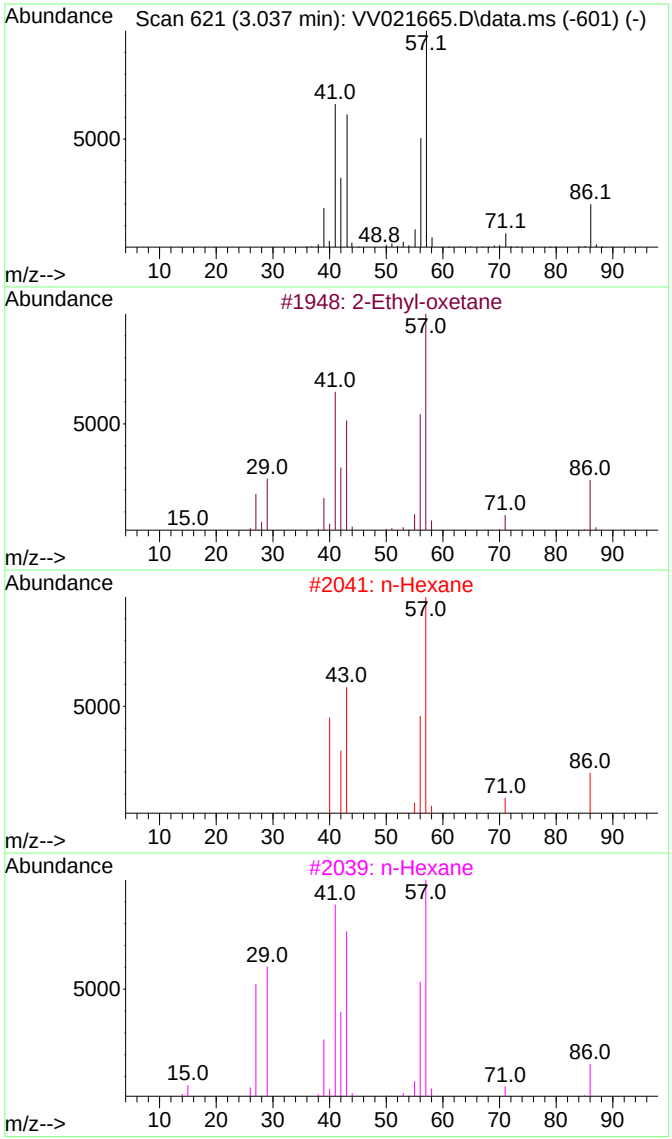
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

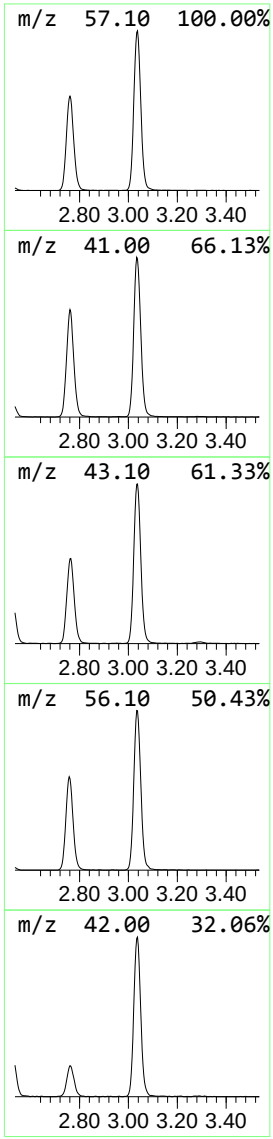
****

Peak Number 1 2-Ethyl-oxetane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	67.95 ug/L	1147610	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	78
5	n-Hexane	86	C6H14	000110-54-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021665.D
Acq On : 15 Jul 2021 12:21
Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG7M5

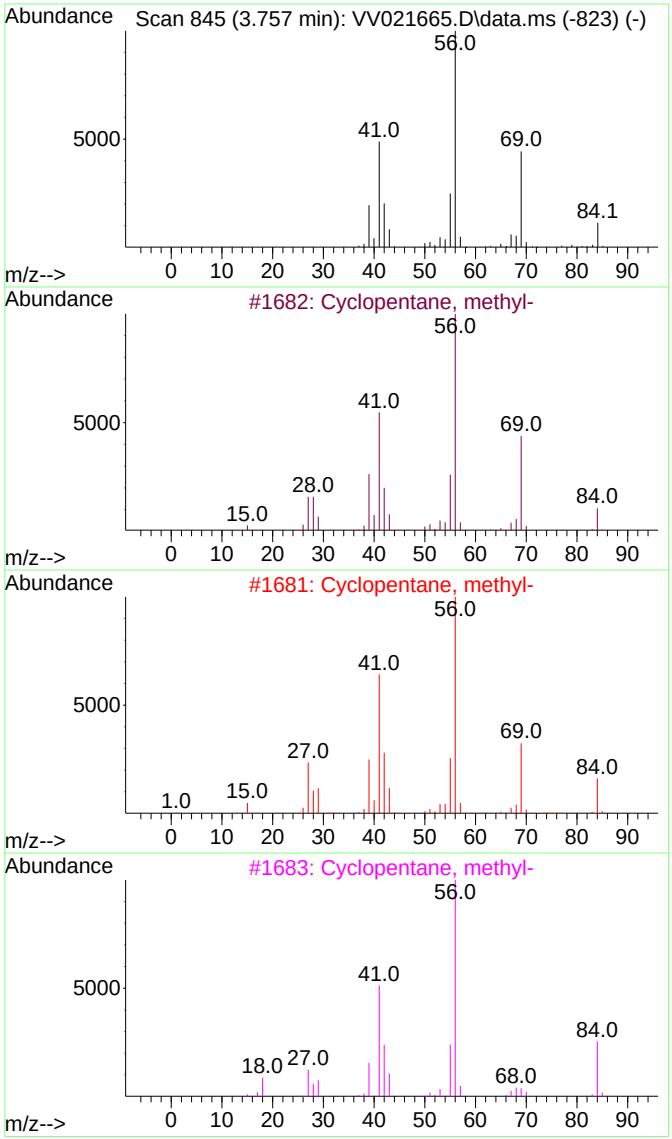
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

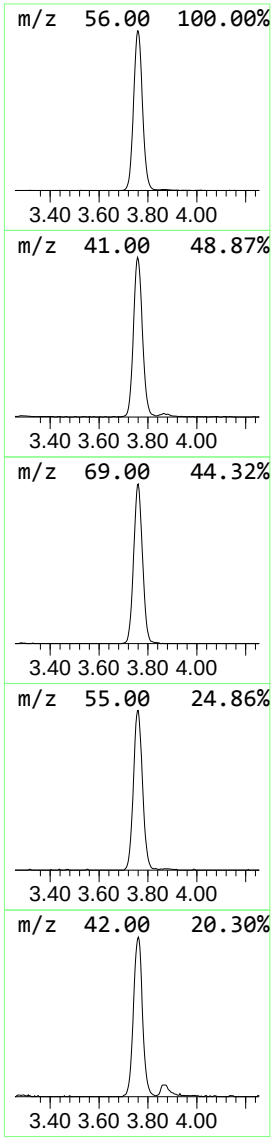
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.757 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	46.98 ug/L	793342	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
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Acq On : 15 Jul 2021 12:21
Operator : SY/MD
Sample : M3033-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

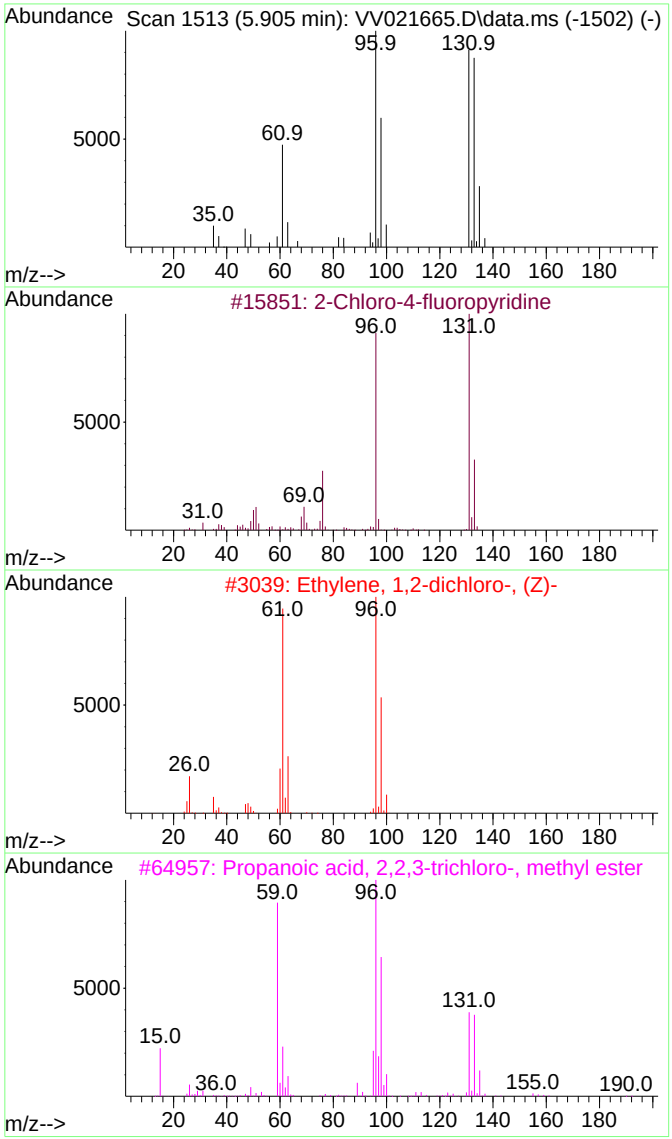
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

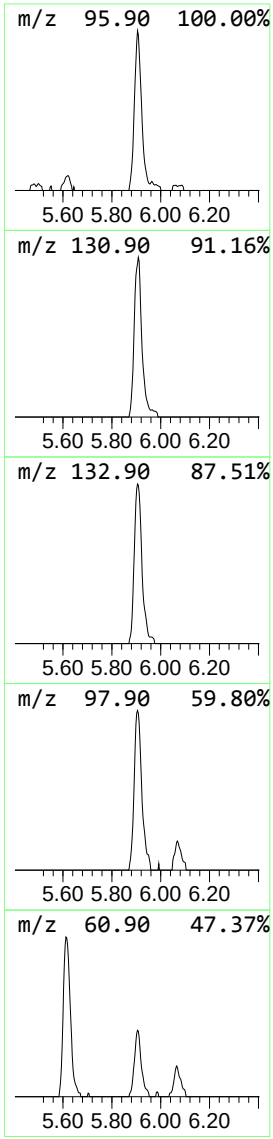
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	2.86 ug/L	48367	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
4	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	25
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071521\
Data File : VV021665.D
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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7M5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	3.037	68.0	ug/L	1147610	1	5.616	844416	50.0
(DEL) Alkane: C...	3.757	47.0	ug/L	793342	1	5.616	844416	50.0
unknown-01	5.905	2.9	ug/L	48367	1	5.616	844416	50.0