LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057422.D
Acq On : 09 Jan 2024 07:35
Operator : MD/SY
Sample : P1058-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YCHG8

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_U\Method\SFAMULM010824WMA.M
Title : VOC Analysis

Signal : TIC: VU057422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.390	24	31	42	rVB	56551	58454	6.06%	0.742%
2	1.493	55	63	84	rVB	368764	443268	45.95%	5.628%
3	1.599	88	96	110	rVB	99646	120397	12.48%	1.529%
4	1.914	186	194	210	rBV	73294	108674	11.27%	1.380%
5	2.393	337	343	347	rVB4	610	656	0.07%	0.008%
6	2.412	347	349	353	rBV2	392	330	0.03%	0.004%
7	2.483	369	371	378	rVB	372	228	0.02%	0.003%
8	2.560	382	395	410	rBV2	213550	376711	39.05%	4.783%
9	2.644	410	421	450	rVB2	52233	141768	14.70%	1.800%
10	3.615	720	723	725	rBV	591	245	0.03%	0.003%
11	3.682	742	744	748	rBV2	293	271	0.03%	0.003%
12	3.718	752	755	757	rVB2	279	183	0.02%	0.002%
13	3.772	770	772	775	rVB	465	286	0.03%	0.004%
14	3.862	790	800	807	rBV6	2201	4338	0.45%	0.055%
15	3.923	815	819	824	rBB2	234	220	0.02%	0.003%
16	3.975	832	835	839	rBV2	222	208	0.02%	0.003%
17	4.296	933	935	939	rBB	197	159	0.02%	0.002%
18	4.631	1029	1039	1056	rBV2	44813	133757	13.87%	1.698%
19	5.055	1154	1171	1187	rBV	193099	431612	44.74%	5.480%
20	5.370	1265	1269	1274	rBV	488	314	0.03%	0.004%
21	5.431	1286	1288	1294	rVB2	488	355	0.04%	0.005%
22	5.486	1302	1305	1307	rVB2	323	202	0.02%	0.003%
23	5.502	1307	1310	1315	rBV	230	195	0.02%	0.002%
24	5.541	1321	1322	1326	rVB	297	174	0.02%	0.002%
25	5.595	1336	1339	1343	rBB2	328	279	0.03%	0.004%
26	5.717	1356	1377	1400	rBV2	348197	964675	100.00%	12.248%
27	6.033	1472	1475	1479	rBB2	384	285	0.03%	0.004%
28	6.078	1486	1489	1490	rBV	331	216	0.02%	0.003%
29	6.164	1509	1516	1518	rBV3	1062	1156	0.12%	0.015%
30	6.242	1528	1540	1561	rBV	329808	632793	65.60%	8.034%
31	6.418	1591	1595	1598	rBV	618	319	0.03%	0.004%
32	6.602	1650	1652	1656	rBV2	482	320	0.03%	0.004%
33	6.682	1664	1677	1702	rBV2	206443	412758	42.79%	5.240%
34	6.894	1738	1743	1745	rBB2	355	265	0.03%	0.003%
35	7.171	1822	1829	1834	rBB3	780	1110	0.12%	0.014%
36	7.200	1834	1838	1842	rBV2	688	647	0.07%	0.008%

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ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YCHG8

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_U\Method\SFAMULM010824WMA.M
Title : VOC Analysis

37	7.219	1842	1844	1849	rVB	601	417	0.04%	0.005%
38	7.560	1938	1950	1973	rBV	114169	209195	21.69%	2.656%
39	7.656	1977	1980	1984	rVB3	650	377	0.04%	0.005%
40	7.795	2020	2023	2029	rBB2	300	327	0.03%	0.004%
41	7.891	2036	2053	2081	rBV	417983	749296	77.67%	9.513%
42	8.132	2125	2128	2131	rBV	361	180	0.02%	0.002%
43	8.174	2131	2141	2163	rBV	78315	146480	15.18%	1.860%
44	8.360	2196	2199	2204	rBB2	289	294	0.03%	0.004%
45	8.512	2244	2246	2249	rBB2	344	182	0.02%	0.002%
46	8.589	2265	2270	2271	rBV	166	169	0.02%	0.002%
47	8.643	2275	2287	2315	rBV3	168769	376713	39.05%	4.783%
48	8.910	2365	2370	2371	rBV2	368	277	0.03%	0.004%
49	8.946	2371	2381	2393	rVV2	4659	10361	1.07%	0.132%
50	9.132	2435	2439	2444	rBB	360	367	0.04%	0.005%
51	9.238	2470	2472	2477	rBB	195	184	0.02%	0.002%
52	9.290	2486	2488	2491	rVB	348	219	0.02%	0.003%
53	9.412	2514	2526	2549	rBV	434517	780089	80.87%	9.904%
54	9.560	2570	2572	2576	rBV3	290	203	0.02%	0.003%
55	9.608	2585	2587	2590	rVB2	373	192	0.02%	0.002%
56	9.647	2597	2599	2603	rVB	254	163	0.02%	0.002%
57	9.695	2609	2614	2616	rBV2	269	263	0.03%	0.003%
58	9.843	2657	2660	2664	rVB	297	205	0.02%	0.003%
59	9.997	2704	2708	2712	rBV2	323	338	0.04%	0.004%
60	10.055	2722	2726	2727	rBV2	341	227	0.02%	0.003%
61	10.126	2745	2748	2750	rBV	252	195	0.02%	0.002%
62	10.274	2791	2794	2797	rVV	288	202	0.02%	0.003%
63	10.328	2807	2811	2814	rBV	188	185	0.02%	0.002%
64	10.373	2822	2825	2827	rBV	227	180	0.02%	0.002%
65	10.505	2863	2866	2869	rBV	205	212	0.02%	0.003%
66	10.605	2893	2897	2899	rBV	238	222	0.02%	0.003%
67	10.753	2929	2943	2960	rBV	284449	465697	48.28%	5.913%
68	10.878	2979	2982	2985	rBV2	577	485	0.05%	0.006%
69	10.936	2994	3000	3005	rBV4	1137	1165	0.12%	0.015%
70	11.000	3015	3020	3023	rBV	250	298	0.03%	0.004%
71	11.048	3032	3035	3040	rBV	222	280	0.03%	0.004%
72	11.196	3080	3081	3085	rVB	405	194	0.02%	0.002%
73	11.277	3101	3106	3108	rBV2	303	268	0.03%	0.003%
74	11.341	3119	3126	3129	rBV2	293	343	0.04%	0.004%
75	11.650	3219	3222	3224	rBV2	297	207	0.02%	0.003%
76	11.807	3260	3271	3285	rBV	408040	642921	66.65%	8.163%

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ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YCHG8

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_U\Method\SFAMULM010824WMA.M
Title : VOC Analysis

77	11.997	3327	3330	3332	rBV	319	208	0.02%	0.003%
78	12.039	3340	3343	3346	rVB	283	158	0.02%	0.002%
79	12.103	3359	3363	3366	rBV	294	176	0.02%	0.002%
80	12.187	3377	3389	3410	rBV	393133	641475	66.50%	8.144%
81	12.293	3420	3422	3426	rVB2	509	168	0.02%	0.002%
82	12.383	3446	3450	3452	rBV	392	338	0.04%	0.004%
83	12.627	3522	3526	3530	rBV	270	335	0.03%	0.004%
84	12.653	3532	3534	3539	rVB	317	234	0.02%	0.003%
85	12.759	3562	3567	3568	rBV2	524	391	0.04%	0.005%
86	12.807	3575	3582	3586	rBV	337	473	0.05%	0.006%
87	12.846	3591	3594	3597	rBV	312	176	0.02%	0.002%
88	13.064	3659	3662	3666	rBV	219	190	0.02%	0.002%
89	13.727	3865	3868	3873	rVV	380	223	0.02%	0.003%
90	13.945	3932	3936	3943	rVB3	392	458	0.05%	0.006%
91	14.003	3951	3954	3957	rBV2	409	226	0.02%	0.003%
92	14.119	3987	3990	3992	rBV2	416	263	0.03%	0.003%
93	14.177	4005	4008	4010	rBV2	422	287	0.03%	0.004%
94	14.418	4081	4083	4087	rBV	353	203	0.02%	0.003%
95	14.537	4117	4120	4123	rBV2	306	269	0.03%	0.003%
96	14.621	4139	4146	4148	rBV2	458	596	0.06%	0.008%
97	14.810	4201	4205	4207	rBV	704	558	0.06%	0.007%
98	14.865	4220	4222	4225	rBV2	454	334	0.03%	0.004%
99	15.003	4260	4265	4267	rBV2	654	543	0.06%	0.007%
100	15.087	4287	4291	4294	rBV4	467	464	0.05%	0.006%

Sum of corrected areas: 7876346

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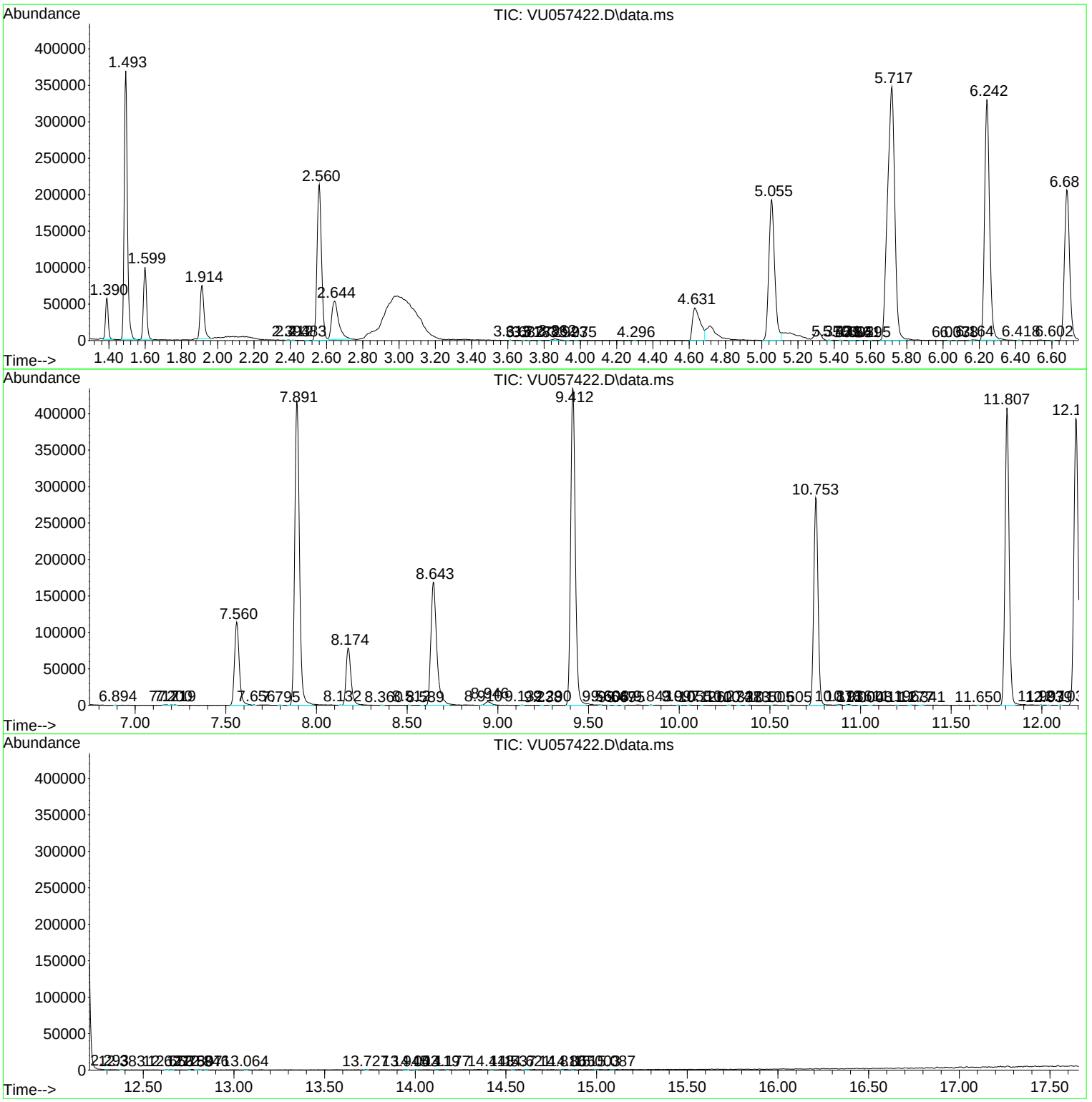
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YCHG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis

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



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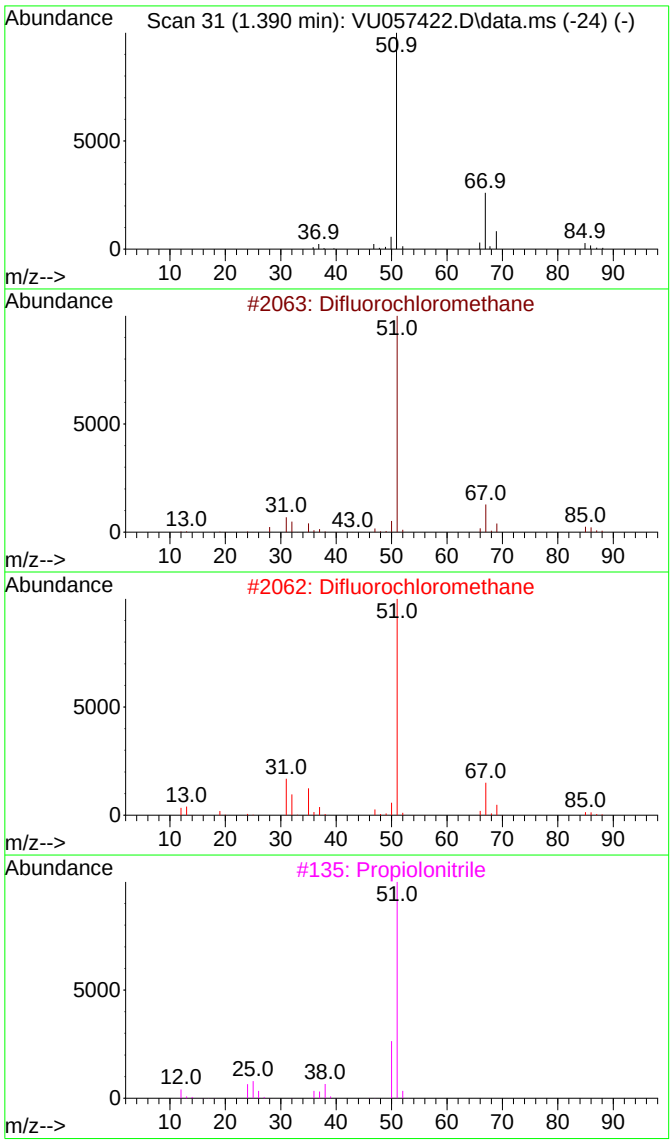
Quant Title : VOC Analysis

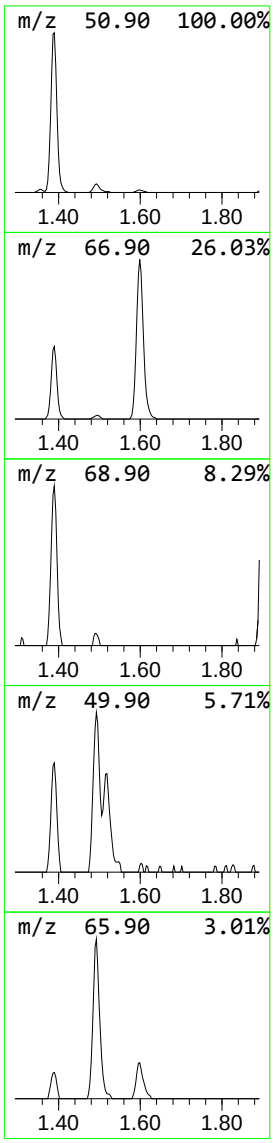
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Difluorochloromethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.390	4.62 ug/L	58454	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	90
2	Difluorochloromethane	86	CHClF2	000075-45-6	90
3	Propiolonitrile	51	C3HN	001070-71-9	4
4	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4
5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	1





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MSVOA_U
ClientSampleId :
YCHG8

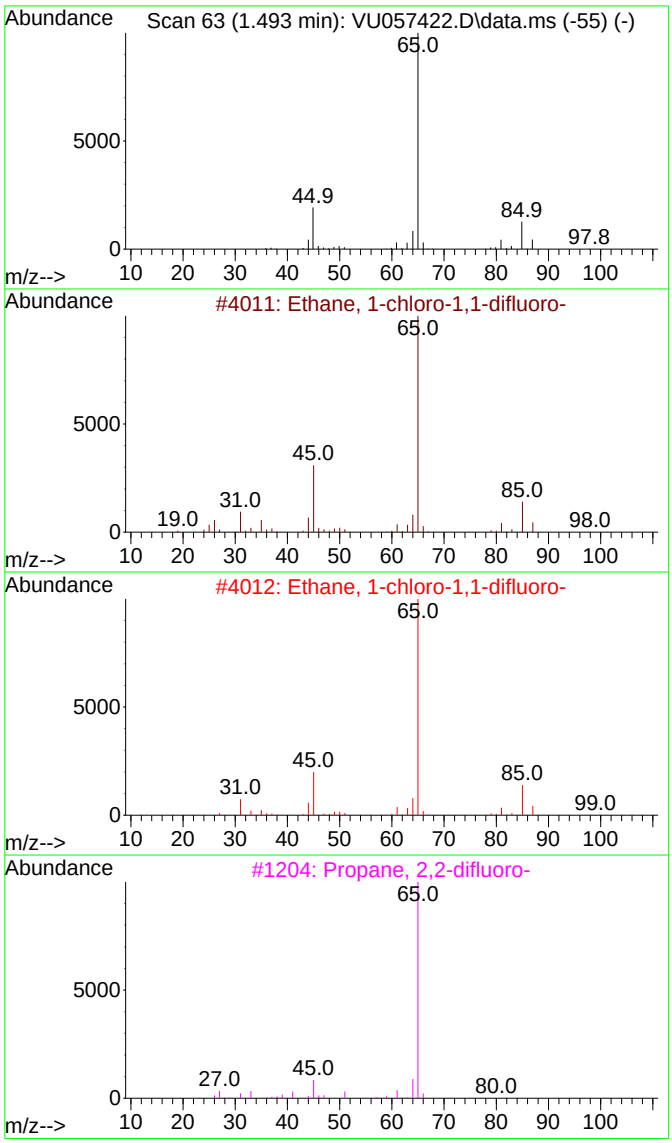
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis

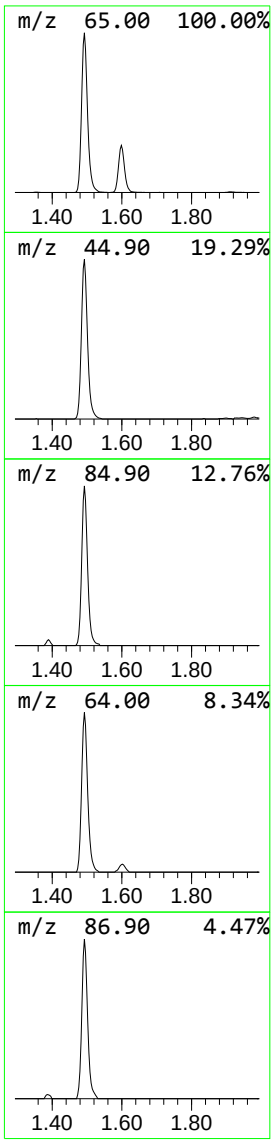
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.493	35.02 ug/L	443268	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	83
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	74
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	43
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	2





Tentatively Identified Compound (LSC) summary

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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
Difluorochlorom...	1.390	4.6	ug/L	58454	1	6.242	632793	50.0
Ethane, 1-chlor...	1.493	35.0	ug/L	443268	1	6.242	632793	50.0