LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
Data File : VV035092.D
Acq On : 09 Apr 2024 19:03
Operator : SY/MD
Sample : P1968-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9

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\SFAMVLM032624WMA.M
Title : VOC Analysis

Signal : TIC: VV035092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	88	rVB	173591	184983	12.73%	1.690%
2	1.523	144	150	164	rVB	183568	223610	15.39%	2.043%
3	2.056	307	316	329	rBV	309712	442978	30.48%	4.047%
4	2.449	430	438	449	rVB2	6193	10916	0.75%	0.100%
5	2.561	461	473	485	rBV	6037	13120	0.90%	0.120%
6	2.748	529	531	538	rVB4	676	654	0.04%	0.006%
7	2.777	538	540	541	rBV	282	145	0.01%	0.001%
8	2.802	546	548	550	rBV2	194	132	0.01%	0.001%
9	2.854	561	564	569	rVB3	801	613	0.04%	0.006%
10	2.892	572	576	579	rBV4	558	342	0.02%	0.003%
11	2.918	579	584	588	rVB4	326	374	0.03%	0.003%
12	2.934	588	589	592	rBV	284	175	0.01%	0.002%
13	2.979	600	603	606	rVB2	616	380	0.03%	0.003%
14	2.998	606	609	612	rVB3	410	282	0.02%	0.003%
15	3.037	619	621	624	rBV3	273	130	0.01%	0.001%
16	3.082	633	635	640	rVB2	299	134	0.01%	0.001%
17	3.124	646	648	650	rBV	315	196	0.01%	0.002%
18	3.233	680	682	686	rVB4	587	364	0.03%	0.003%
19	3.262	686	691	694	rVB4	421	382	0.03%	0.003%
20	3.285	694	698	699	rBV	254	180	0.01%	0.002%
21	3.339	712	715	717	rBV2	221	119	0.01%	0.001%
22	3.378	725	727	732	rVB	290	149	0.01%	0.001%
23	3.404	732	735	737	rBV	210	147	0.01%	0.001%
24	3.429	741	743	750	rVB3	456	353	0.02%	0.003%
25	3.458	750	752	758	rBV2	482	469	0.03%	0.004%
26	3.500	763	765	767	rBV	227	108	0.01%	0.001%
27	3.542	775	778	781	rBV2	261	188	0.01%	0.002%
28	3.568	784	786	789	rVB3	468	263	0.02%	0.002%
29	3.606	797	798	803	rVB2	295	104	0.01%	0.001%
30	3.674	814	819	823	rBV3	642	488	0.03%	0.004%
31	3.699	823	827	830	rBV3	560	411	0.03%	0.004%
32	3.789	844	855	901	rBV2	118991	369736	25.44%	3.378%
33	4.246	983	997	1032	rBV	228117	588534	40.49%	5.376%
34	4.699	1132	1138	1142	rBV3	423	559	0.04%	0.005%
35	4.725	1142	1146	1150	rBV4	432	397	0.03%	0.004%
36	4.789	1163	1166	1167	rBV	292	181	0.01%	0.002%

LSC Area Percent Report

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Operator : SY/MD
Sample : P1968-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9

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\SFAMVLM032624WMA.M
Title : VOC Analysis

37	4.815	1172	1174	1176	rBV3	224	132	0.01%	0.001%
38	4.831	1177	1179	1180	rBV2	240	104	0.01%	0.001%
39	4.886	1194	1196	1200	rVB2	649	419	0.03%	0.004%
40	4.953	1200	1217	1254	rBV2	546265	1453408	100.00%	13.277%
41	5.477	1378	1380	1382	rBV	420	163	0.01%	0.001%
42	5.532	1386	1397	1437	rVV	374314	793319	54.58%	7.247%
43	5.834	1481	1491	1506	rBV6	9315	20765	1.43%	0.190%
44	5.985	1525	1538	1566	rBV	326411	684089	47.07%	6.249%
45	6.397	1658	1666	1693	rBV2	82151	172321	11.86%	1.574%
46	6.911	1816	1826	1852	rBV	163328	312752	21.52%	2.857%
47	7.124	1884	1892	1904	rBV2	25097	42217	2.90%	0.386%
48	7.243	1918	1929	1962	rBV	577409	1034572	71.18%	9.451%
49	7.555	2017	2026	2055	rBV2	125304	242973	16.72%	2.220%
50	7.863	2113	2122	2137	rBV2	31294	54414	3.74%	0.497%
51	7.979	2152	2158	2162	rBV4	6379	8202	0.56%	0.075%
52	8.024	2163	2172	2199	rBV	366359	714366	49.15%	6.526%
53	8.622	2348	2358	2381	rBV	86192	149604	10.29%	1.367%
54	8.783	2397	2408	2448	rBV	579314	973473	66.98%	8.893%
55	9.201	2536	2538	2541	rBV3	794	535	0.04%	0.005%
56	9.236	2546	2549	2552	rBV2	614	296	0.02%	0.003%
57	9.297	2562	2568	2571	rBV4	589	707	0.05%	0.006%
58	9.503	2625	2632	2637	rBV7	2540	3819	0.26%	0.035%
59	9.712	2693	2697	2700	rBV4	701	567	0.04%	0.005%
60	9.985	2780	2782	2787	rBV4	336	332	0.02%	0.003%
61	10.008	2787	2789	2792	rBV	350	252	0.02%	0.002%
62	10.050	2798	2802	2805	rVB3	382	286	0.02%	0.003%
63	10.072	2805	2809	2812	rBV3	469	371	0.03%	0.003%
64	10.088	2812	2814	2816	rBV	321	145	0.01%	0.001%
65	10.153	2822	2834	2853	rBV	462209	740726	50.96%	6.767%
66	10.432	2917	2921	2923	rBV3	367	232	0.02%	0.002%
67	10.445	2923	2925	2929	rVB4	438	285	0.02%	0.003%
68	10.471	2931	2933	2936	rBV	228	163	0.01%	0.001%
69	10.654	2988	2990	2992	rBV	234	105	0.01%	0.001%
70	10.670	2992	2995	2997	rBV2	530	321	0.02%	0.003%
71	10.734	3013	3015	3018	rBV3	426	255	0.02%	0.002%
72	10.850	3048	3051	3053	rBV2	381	225	0.02%	0.002%
73	10.943	3078	3080	3084	rVB2	352	240	0.02%	0.002%
74	10.966	3084	3087	3091	rBV2	433	299	0.02%	0.003%
75	11.017	3100	3103	3106	rBV2	466	327	0.02%	0.003%
76	11.050	3111	3113	3120	rVV3	451	367	0.03%	0.003%

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Operator : SY/MD
Sample : P1968-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9

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\SFAMVLM032624WMA.M
Title : VOC Analysis

77	11.088	3124	3125	3127	rBV3	320	134	0.01%	0.001%
78	11.133	3136	3139	3143	rBV5	564	452	0.03%	0.004%
79	11.185	3144	3155	3181	rBV	501386	793640	54.61%	7.250%
80	11.558	3260	3271	3297	rBV	546198	891880	61.36%	8.148%
81	11.821	3350	3353	3355	rBV2	580	373	0.03%	0.003%
82	11.998	3406	3408	3411	rBV2	335	218	0.01%	0.002%
83	12.014	3411	3413	3417	rVB3	493	291	0.02%	0.003%
84	12.123	3442	3447	3449	rBV3	494	475	0.03%	0.004%
85	12.181	3460	3465	3466	rBV2	508	385	0.03%	0.004%
86	12.294	3495	3500	3502	rBV3	475	372	0.03%	0.003%
87	12.525	3569	3572	3575	rBV2	525	316	0.02%	0.003%
88	12.545	3575	3578	3586	rBV3	460	517	0.04%	0.005%
89	12.580	3586	3589	3592	rBV2	390	272	0.02%	0.002%
90	12.599	3592	3595	3597	rBV3	357	297	0.02%	0.003%
91	12.763	3644	3646	3649	rBV	478	235	0.02%	0.002%
92	12.789	3650	3654	3656	rBV2	502	434	0.03%	0.004%
93	12.834	3665	3668	3671	rBV2	552	531	0.04%	0.005%
94	12.937	3698	3700	3703	rBV2	406	291	0.02%	0.003%
95	13.207	3779	3784	3789	rBV6	2827	3878	0.27%	0.035%
96	13.300	3812	3813	3816	rBV	363	150	0.01%	0.001%
97	13.445	3856	3858	3860	rBV3	483	314	0.02%	0.003%
98	13.522	3880	3882	3883	rBV	438	185	0.01%	0.002%
99	13.767	3956	3958	3962	rBV2	451	305	0.02%	0.003%
100	13.905	3999	4001	4003	rBV2	500	183	0.01%	0.002%

Sum of corrected areas: 10946572

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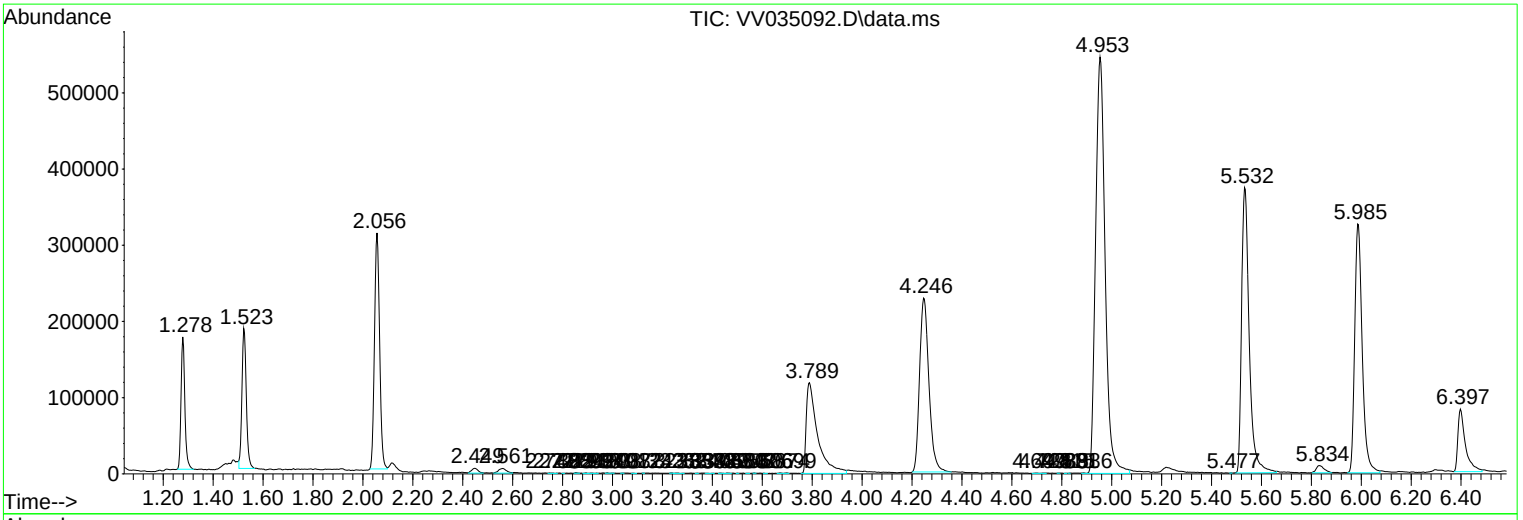
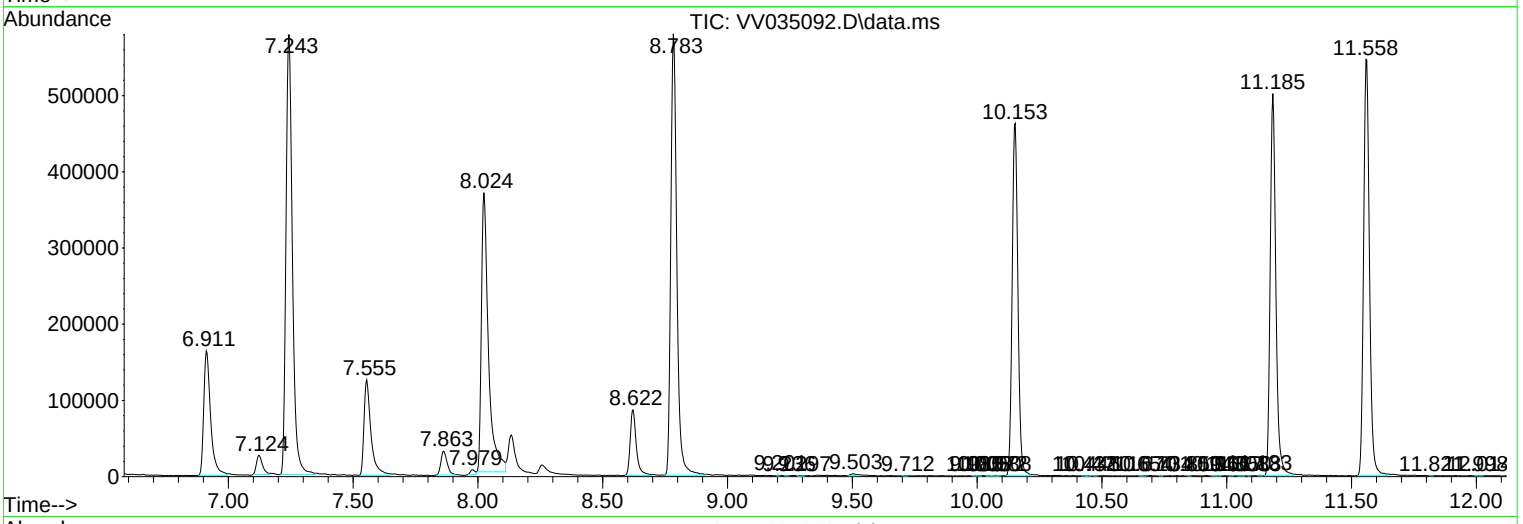
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

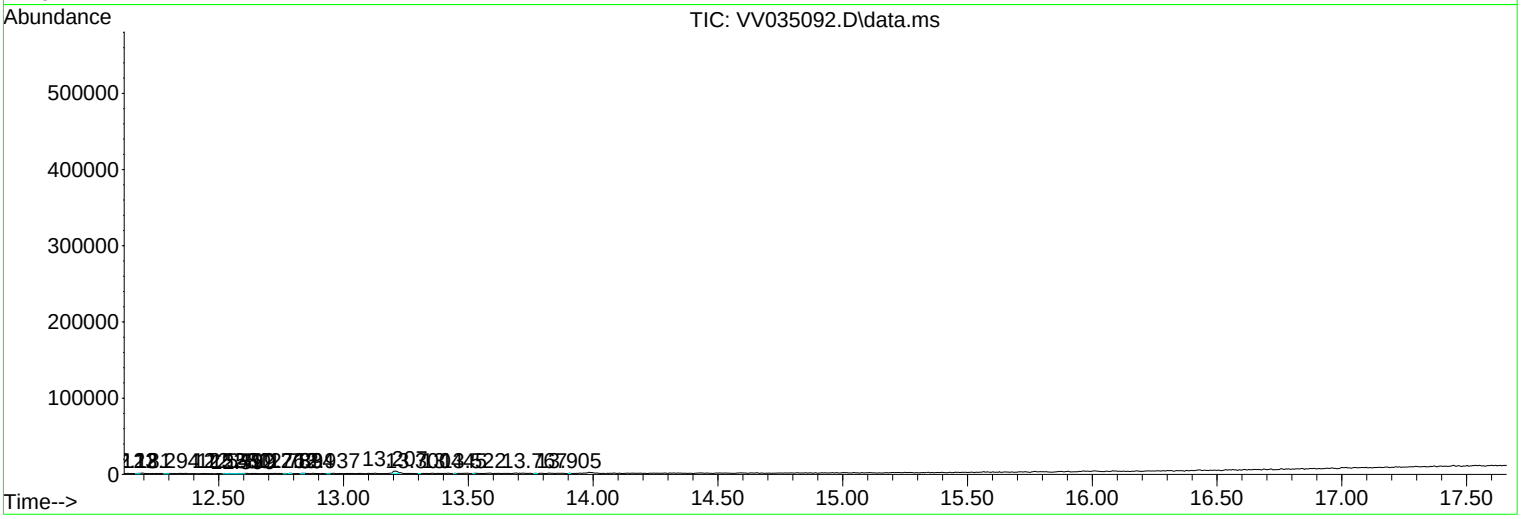
Instrument :
MSVOA_V
ClientSampleId :
E07R9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

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







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Instrument :
MSVOA_V
ClientSampleId :
E07R9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

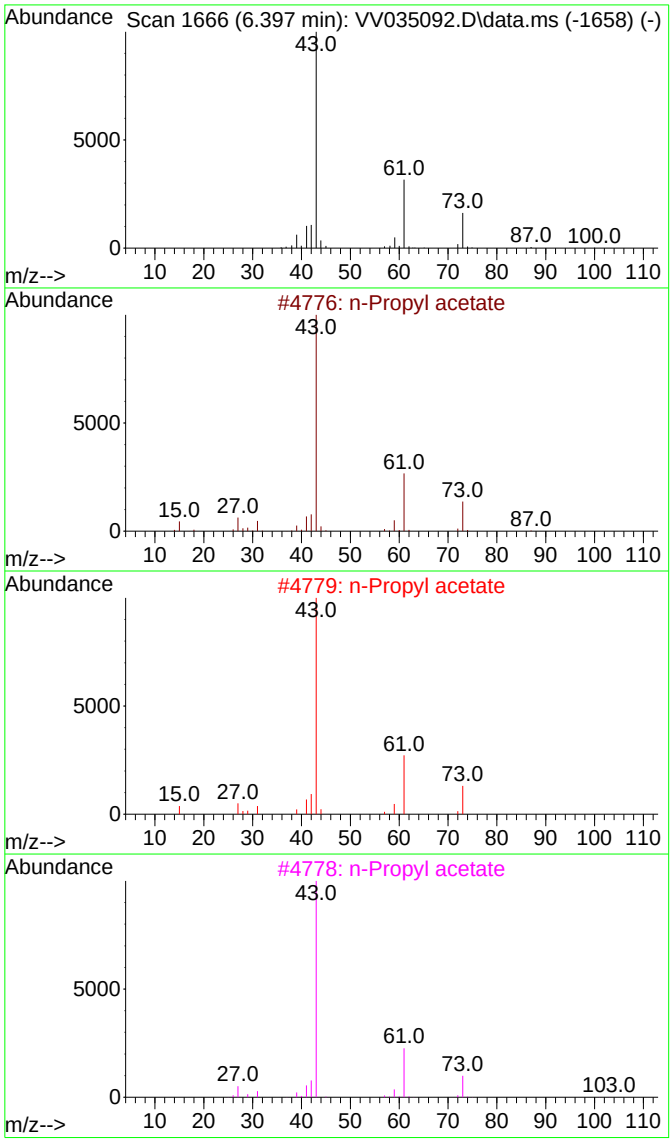
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

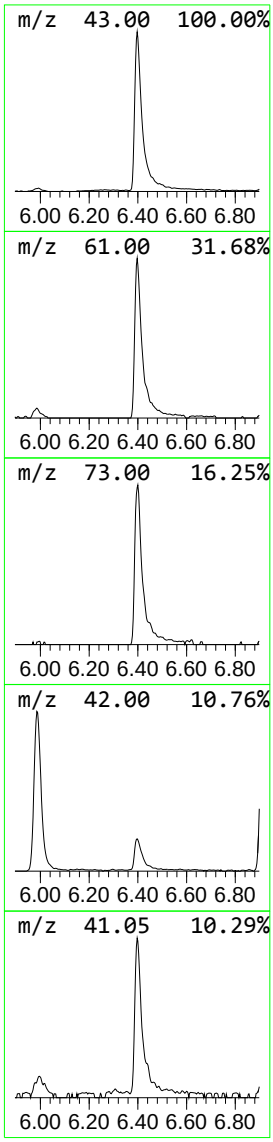
****

Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.397	10.86 ug/L	172321	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	n-Propyl acetate	102	C5H10O2	000109-60-4	72
5	n-Propyl acetate	102	C5H10O2	000109-60-4	42





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Instrument :
MSVOA_V
ClientSampleId :
E07R9

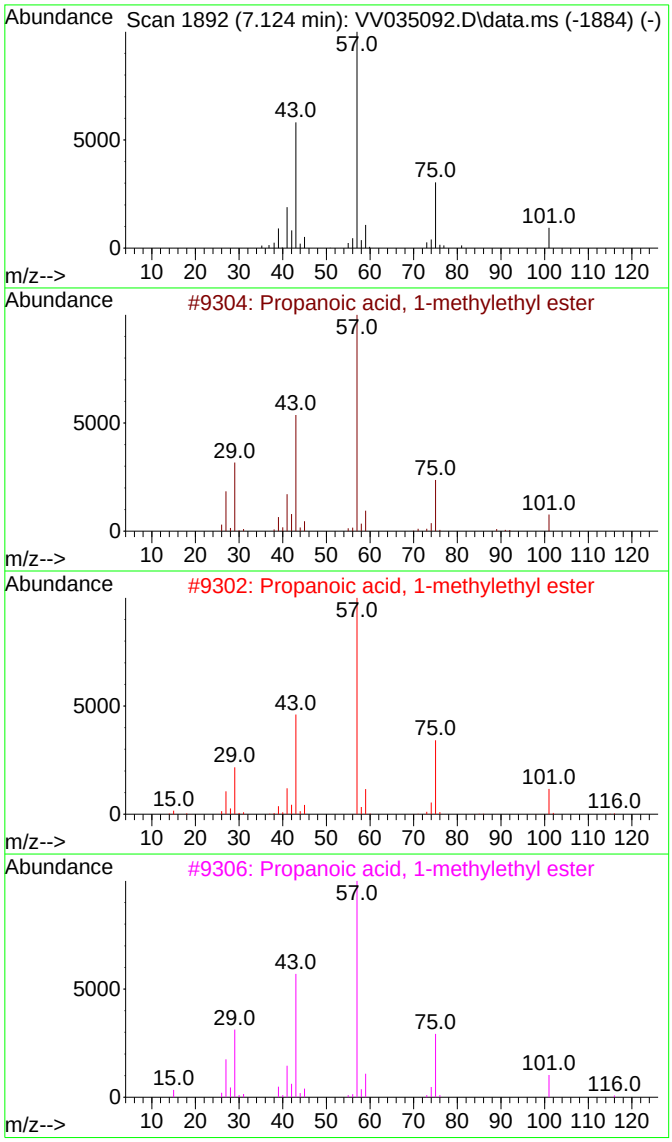
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

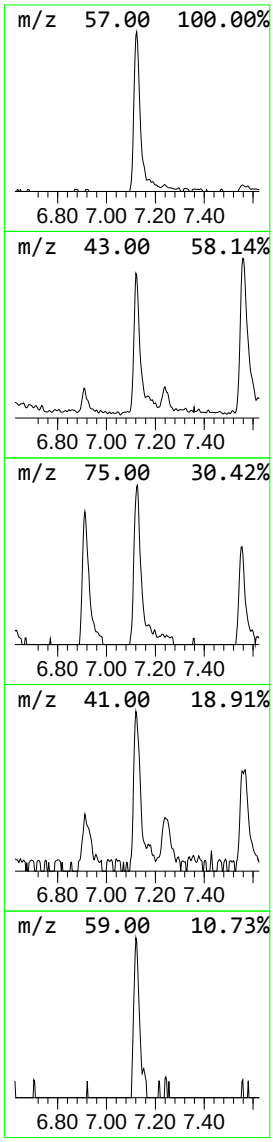
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.124	2.66 ug/L	42217	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	47





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Instrument :
MSVOA_V
ClientSampleId :
E07R9

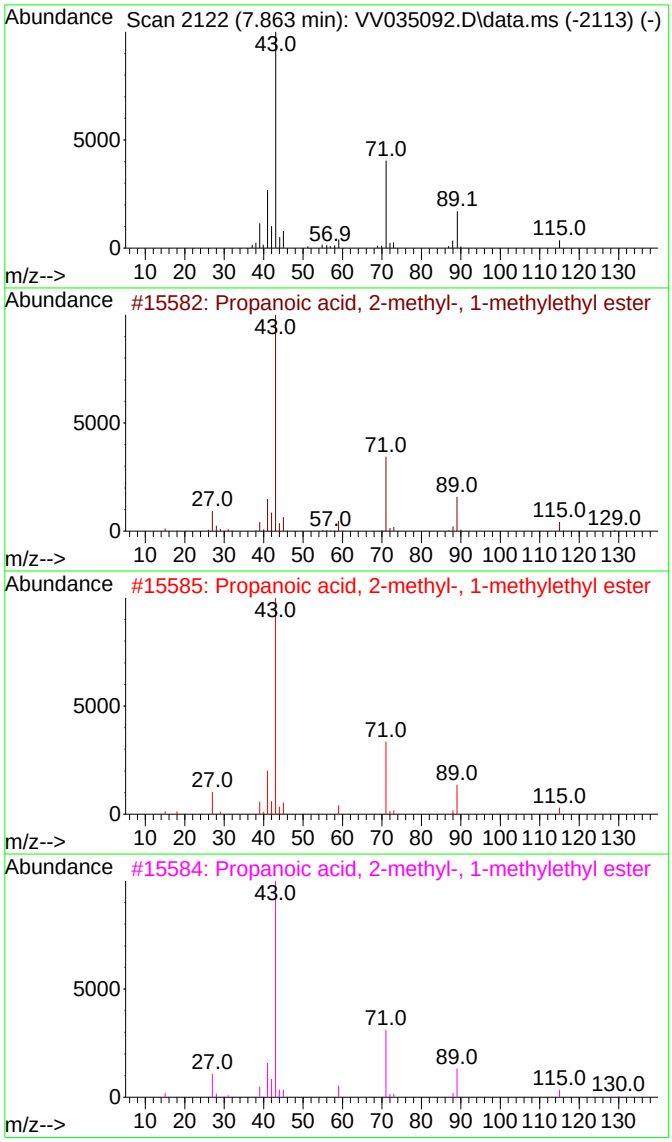
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

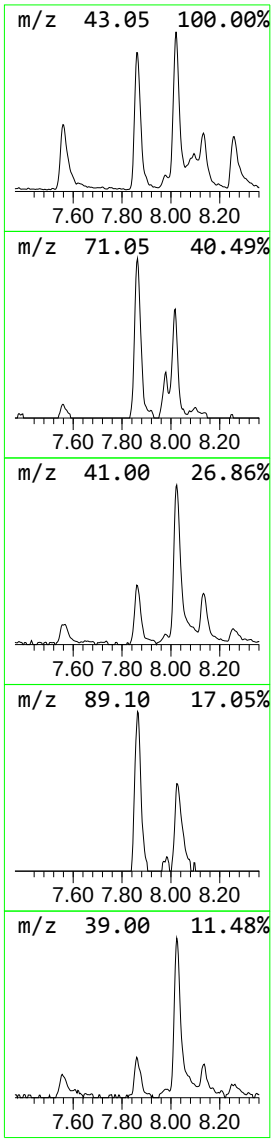
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	2.79 ug/L	54414	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	74
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
5	Isopropyl butyrate	130	C7H14O2	000638-11-9	56





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis

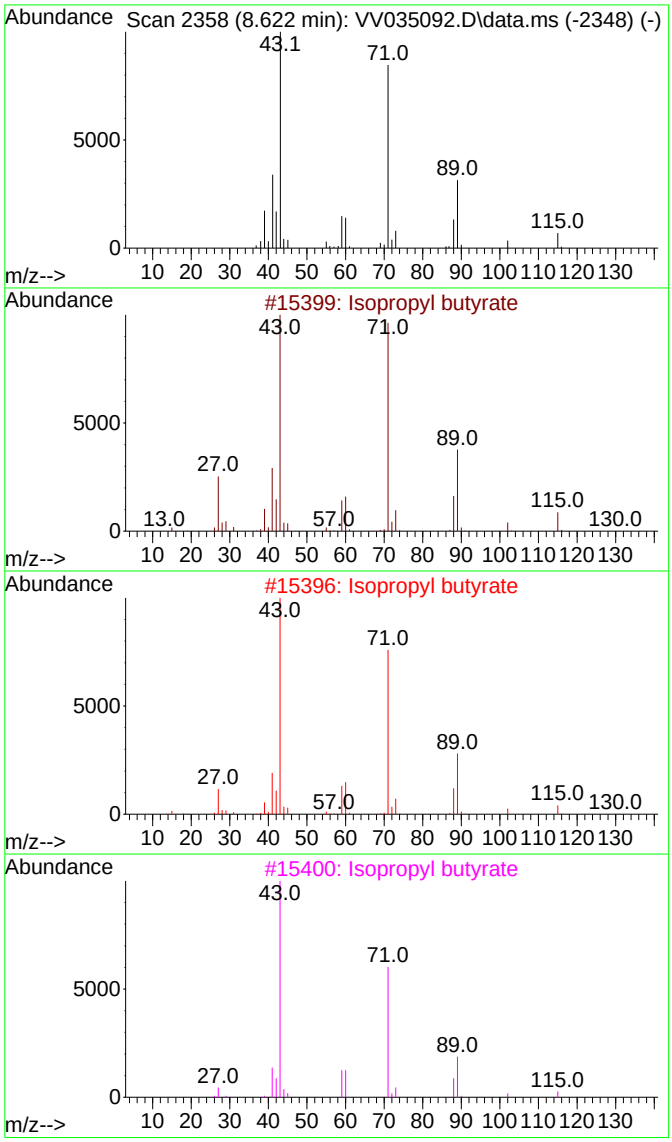
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

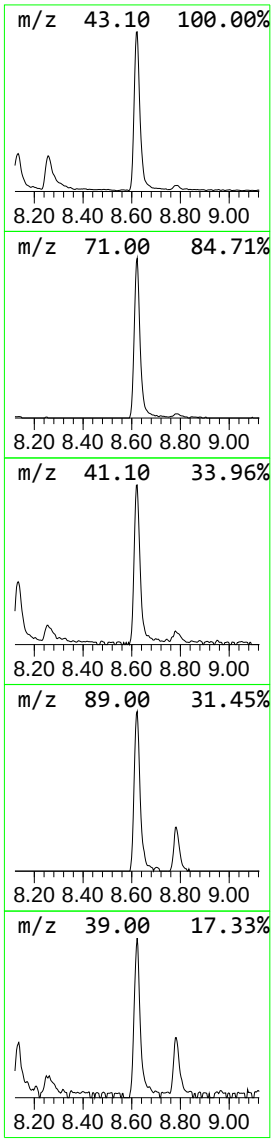
****

Peak Number 5 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	7.68 ug/L	149604	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
Data File : VV035092.D
Acq On : 09 Apr 2024 19:03
Operator : SY/MD
Sample : P1968-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E07R9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.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
n-Propyl acetate	6.397	10.9	ug/L	172321	1	5.532	793319	50.0
Propanoic acid,...	7.124	2.7	ug/L	42217	1	5.532	793319	50.0
Propanoic acid,...	7.863	2.8	ug/L	54414	2	8.783	973473	50.0
Isopropyl butyrate	8.622	7.7	ug/L	149604	2	8.783	973473	50.0