LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
Data File : VV035503.D
Acq On : 01 May 2024 17:51
Operator : SY/MD
Sample : P2220-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0808

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\SFAMVLM050124WMA.M
Title : VOC Analysis

Signal : TIC: VV035503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	94	rVB	254555	281998	15.55%	1.957%
2	1.529	145	152	171	rVB	227447	272291	15.01%	1.890%
3	2.056	305	316	330	rBV	423689	615918	33.96%	4.274%
4	2.445	428	437	451	rVB3	7722	14017	0.77%	0.097%
5	2.503	451	455	458	rBV3	559	535	0.03%	0.004%
6	2.555	464	471	476	rBV4	926	1371	0.08%	0.010%
7	2.741	525	529	531	rBV3	437	280	0.02%	0.002%
8	2.757	531	534	536	rVV2	313	199	0.01%	0.001%
9	2.908	577	581	583	rBV2	360	261	0.01%	0.002%
10	2.976	599	602	605	rVB2	321	223	0.01%	0.002%
11	3.098	637	640	644	rVV2	395	269	0.01%	0.002%
12	3.146	653	655	661	rBV2	416	254	0.01%	0.002%
13	3.416	734	739	743	rBV2	443	394	0.02%	0.003%
14	3.439	743	746	752	rVB2	227	238	0.01%	0.002%
15	3.548	776	780	784	rBV2	198	223	0.01%	0.002%
16	3.751	838	843	846	rBV	468	393	0.02%	0.003%
17	3.793	847	856	909	rBV	126928	397742	21.93%	2.760%
18	4.246	982	997	1035	rBV	287312	739110	40.75%	5.129%
19	4.638	1116	1119	1121	rBV2	377	246	0.01%	0.002%
20	4.696	1134	1137	1141	rVB3	357	223	0.01%	0.002%
21	4.735	1147	1149	1153	rVB	370	236	0.01%	0.002%
22	4.796	1165	1168	1173	rVB2	396	346	0.02%	0.002%
23	4.818	1173	1175	1181	rBV3	475	402	0.02%	0.003%
24	4.953	1201	1217	1255	rBV2	689085	1813705	100.00%	12.586%
25	5.227	1293	1302	1310	rBV3	4855	10417	0.57%	0.072%
26	5.429	1361	1365	1369	rBV4	514	467	0.03%	0.003%
27	5.532	1386	1397	1436	rBV	530264	1103207	60.83%	7.656%
28	5.834	1482	1491	1504	rBV3	4375	9391	0.52%	0.065%
29	5.985	1520	1538	1570	rBV	394458	832274	45.89%	5.775%
30	6.291	1629	1633	1647	rBV2	2739	6475	0.36%	0.045%
31	6.400	1658	1667	1692	rBV	64882	139386	7.69%	0.967%
32	6.911	1815	1826	1852	rBV	205014	388487	21.42%	2.696%
33	7.120	1883	1891	1906	rBV2	23357	43669	2.41%	0.303%
34	7.243	1917	1929	1954	rBV	815044	1426788	78.67%	9.901%
35	7.516	2011	2014	2016	rBV3	574	412	0.02%	0.003%
36	7.551	2016	2025	2057	rVV	147852	288961	15.93%	2.005%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Title : VOC Analysis

37	7.828	2106	2111	2112	rBV2	542	480	0.03%	0.003%
38	7.863	2112	2122	2136	rVV	30288	54191	2.99%	0.376%
39	7.979	2149	2158	2162	rBV4	5806	8662	0.48%	0.060%
40	8.024	2162	2172	2199	rVV	484986	871034	48.03%	6.044%
41	8.133	2200	2206	2226	rVB2	39111	78084	4.31%	0.542%
42	8.262	2239	2246	2262	rBV4	6252	13014	0.72%	0.090%
43	8.570	2338	2342	2347	rBV5	551	639	0.04%	0.004%
44	8.619	2347	2357	2380	rBV	81754	142147	7.84%	0.986%
45	8.783	2397	2408	2432	rBV	843730	1383814	76.30%	9.603%
46	9.204	2535	2539	2542	rBV3	313	320	0.02%	0.002%
47	9.307	2566	2571	2574	rBV3	523	523	0.03%	0.004%
48	9.377	2590	2593	2596	rBV3	462	332	0.02%	0.002%
49	9.509	2625	2634	2642	rBV6	2274	3911	0.22%	0.027%
50	9.603	2659	2663	2665	rVB3	414	296	0.02%	0.002%
51	9.805	2723	2726	2730	rVB3	733	461	0.03%	0.003%
52	9.828	2730	2733	2735	rBV	335	233	0.01%	0.002%
53	9.979	2778	2780	2785	rBV	419	309	0.02%	0.002%
54	10.017	2790	2792	2795	rVB3	574	286	0.02%	0.002%
55	10.072	2806	2809	2813	rVB2	461	389	0.02%	0.003%
56	10.149	2821	2833	2862	rBV	600718	964670	53.19%	6.694%
57	10.323	2885	2887	2890	rBV3	534	367	0.02%	0.003%
58	10.394	2907	2909	2914	rVB3	440	338	0.02%	0.002%
59	10.522	2946	2949	2954	rVB2	601	469	0.03%	0.003%
60	10.551	2954	2958	2962	rBV2	399	410	0.02%	0.003%
61	10.644	2985	2987	2990	rBV3	362	212	0.01%	0.001%
62	10.705	3004	3006	3010	rVB3	319	207	0.01%	0.001%
63	10.757	3019	3022	3025	rVB	364	257	0.01%	0.002%
64	10.792	3030	3033	3035	rVV4	604	374	0.02%	0.003%
65	10.828	3039	3044	3047	rBV2	371	264	0.01%	0.002%
66	10.860	3051	3054	3056	rBV3	502	362	0.02%	0.003%
67	10.927	3072	3075	3077	rBV2	404	271	0.01%	0.002%
68	10.956	3082	3084	3087	rVB3	384	217	0.01%	0.002%
69	10.988	3092	3094	3096	rVV2	345	204	0.01%	0.001%
70	11.014	3100	3102	3105	rBV2	256	211	0.01%	0.001%
71	11.030	3105	3107	3113	rVB3	348	294	0.02%	0.002%
72	11.107	3129	3131	3133	rVB2	468	202	0.01%	0.001%
73	11.133	3133	3139	3143	rBV2	943	989	0.05%	0.007%
74	11.184	3143	3155	3184	rBV	757234	1207050	66.55%	8.376%
75	11.439	3232	3234	3236	rBV2	359	225	0.01%	0.002%
76	11.464	3240	3242	3243	rBV	510	203	0.01%	0.001%

LSC Area Percent Report

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Sample : P2220-01 10X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0808

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\SFAMVLM050124WMA.M
Title : VOC Analysis

77	11.487	3247	3249	3250	rBV	375	198	0.01%	0.001%
78	11.557	3256	3271	3293	rBV	794932	1275008	70.30%	8.848%
79	11.950	3391	3393	3398	rVV3	483	265	0.01%	0.002%
80	11.982	3401	3403	3406	rVB2	441	244	0.01%	0.002%
81	12.014	3411	3413	3416	rVB2	416	210	0.01%	0.001%
82	12.104	3438	3441	3448	rVB3	663	542	0.03%	0.004%
83	12.149	3453	3455	3458	rBV2	379	226	0.01%	0.002%
84	12.358	3515	3520	3521	rBV3	516	418	0.02%	0.003%
85	12.451	3545	3549	3552	rBV3	314	361	0.02%	0.003%
86	12.467	3552	3554	3557	rVV3	430	229	0.01%	0.002%
87	12.483	3557	3559	3563	rVB2	393	240	0.01%	0.002%
88	12.702	3625	3627	3632	rVB2	739	469	0.03%	0.003%
89	12.943	3699	3702	3704	rBV3	381	236	0.01%	0.002%
90	12.991	3715	3717	3720	rBV	316	225	0.01%	0.002%
91	13.040	3728	3732	3737	rVB3	648	555	0.03%	0.004%
92	13.207	3780	3784	3785	rBV2	929	601	0.03%	0.004%
93	13.278	3803	3806	3809	rBV	514	316	0.02%	0.002%
94	13.352	3825	3829	3831	rBV3	440	369	0.02%	0.003%
95	13.789	3963	3965	3967	rBV	364	214	0.01%	0.001%
96	14.078	4052	4055	4060	rBV2	594	457	0.03%	0.003%
97	14.319	4128	4130	4134	rVB3	418	257	0.01%	0.002%
98	14.705	4249	4250	4252	rBV2	550	212	0.01%	0.001%
99	14.815	4280	4284	4286	rBV3	679	526	0.03%	0.004%
100	15.355	4450	4452	4453	rBV2	852	349	0.02%	0.002%

Sum of corrected areas: 14410456

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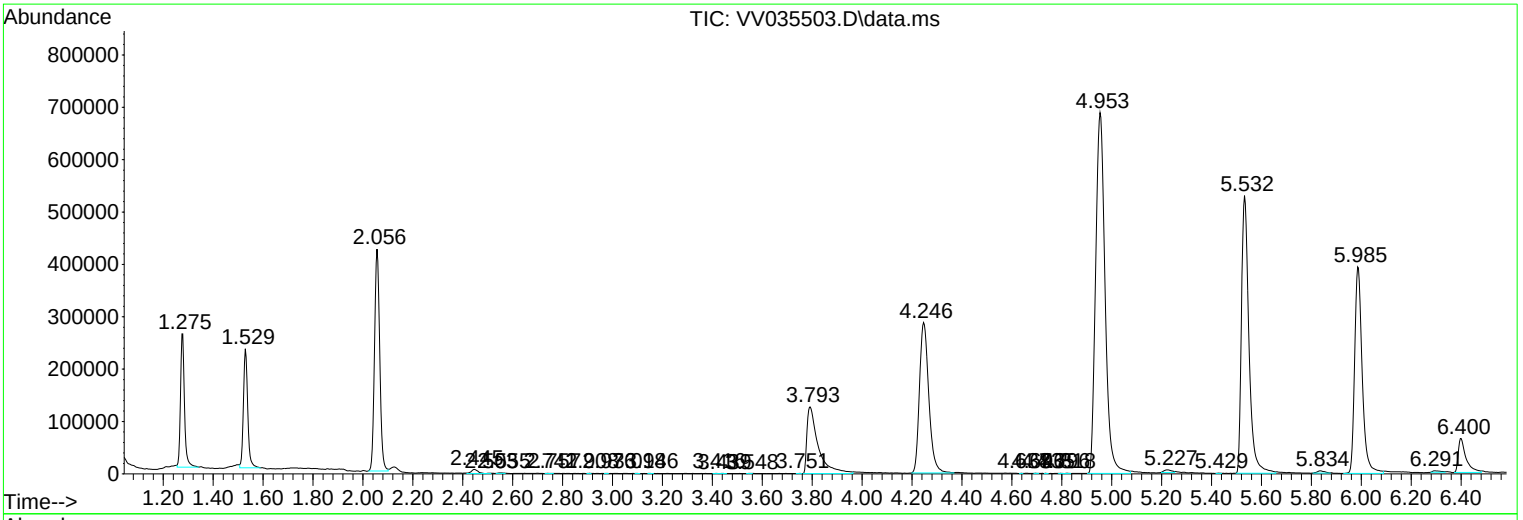
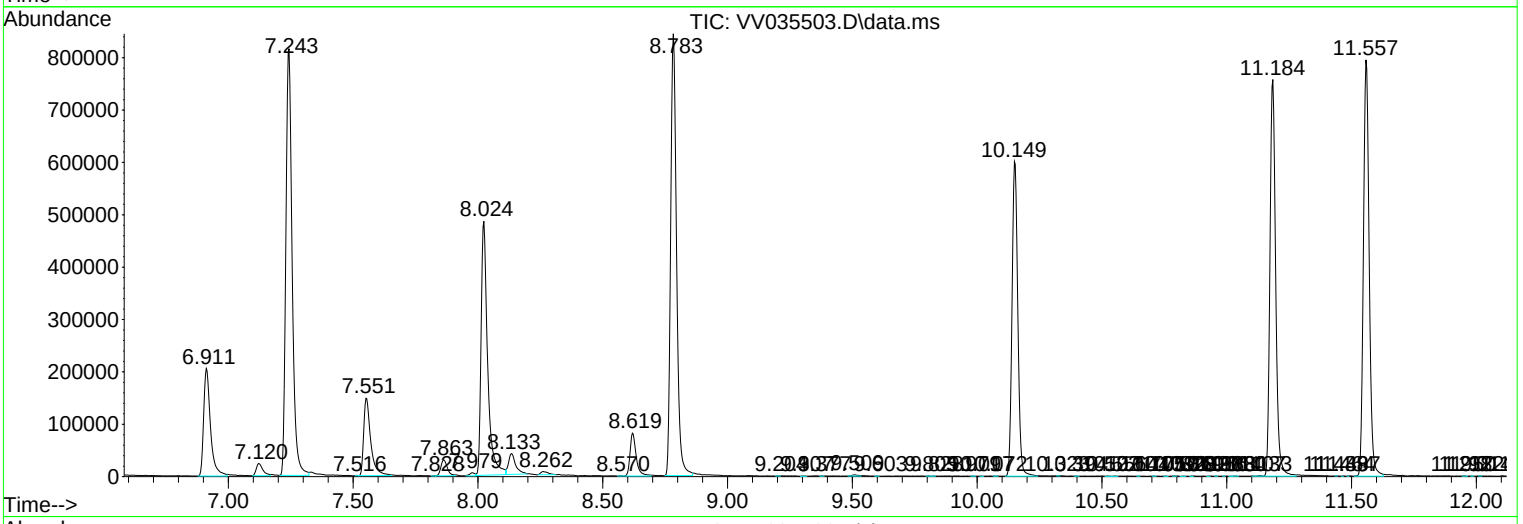
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

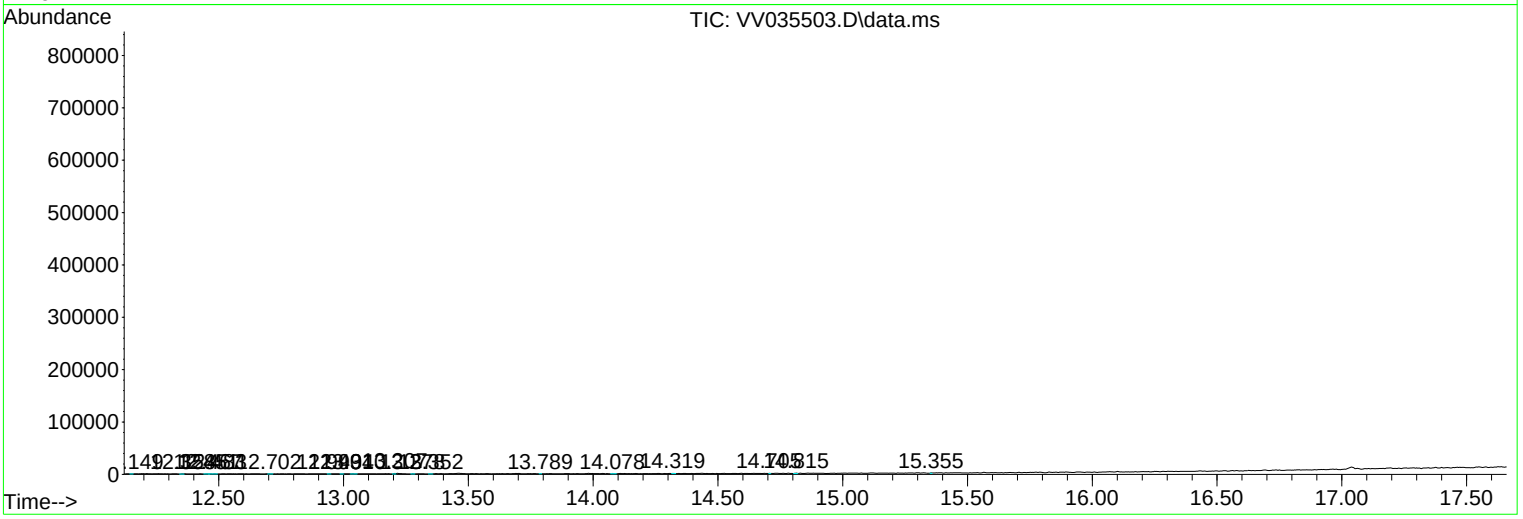
Instrument :
MSVOA_V
ClientSampleId :
E0808

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

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







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MSVOA_V
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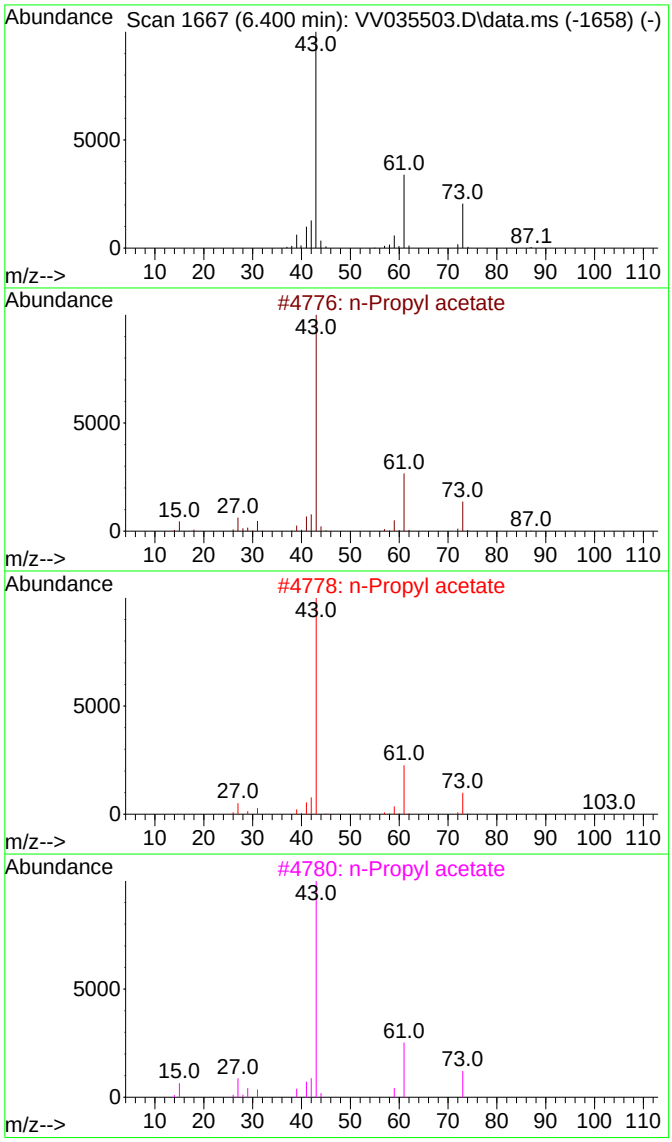
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

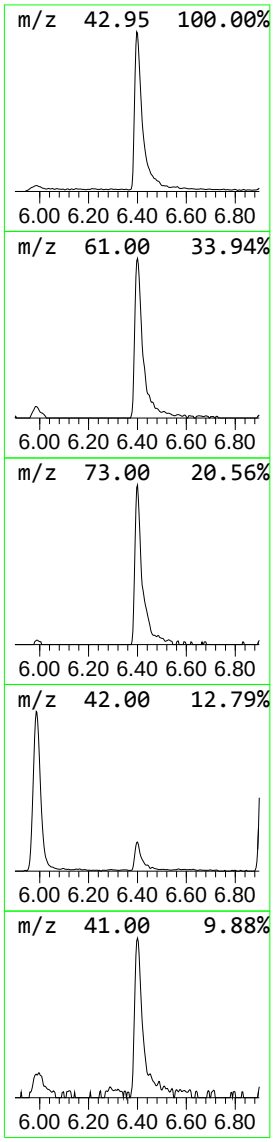
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.400	6.32 ug/L	139386	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	50
5	n-Propyl acetate	102	C5H10O2	000109-60-4	38





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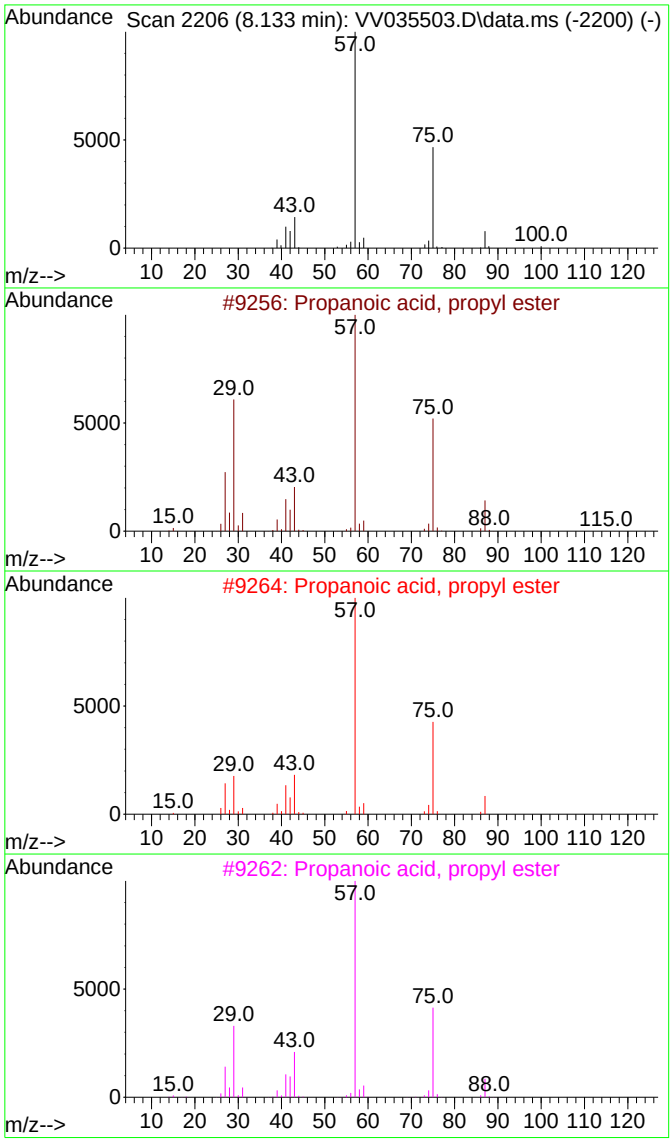
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

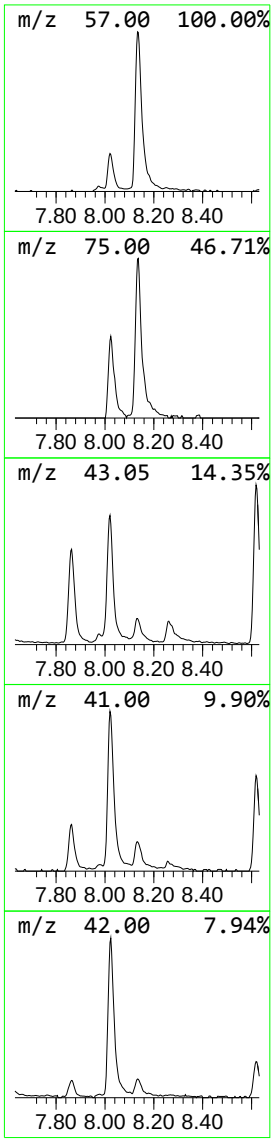
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.133	2.82 ug/L	78084	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	56
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	9





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MSVOA_V
ClientSampleId :
E0808

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis

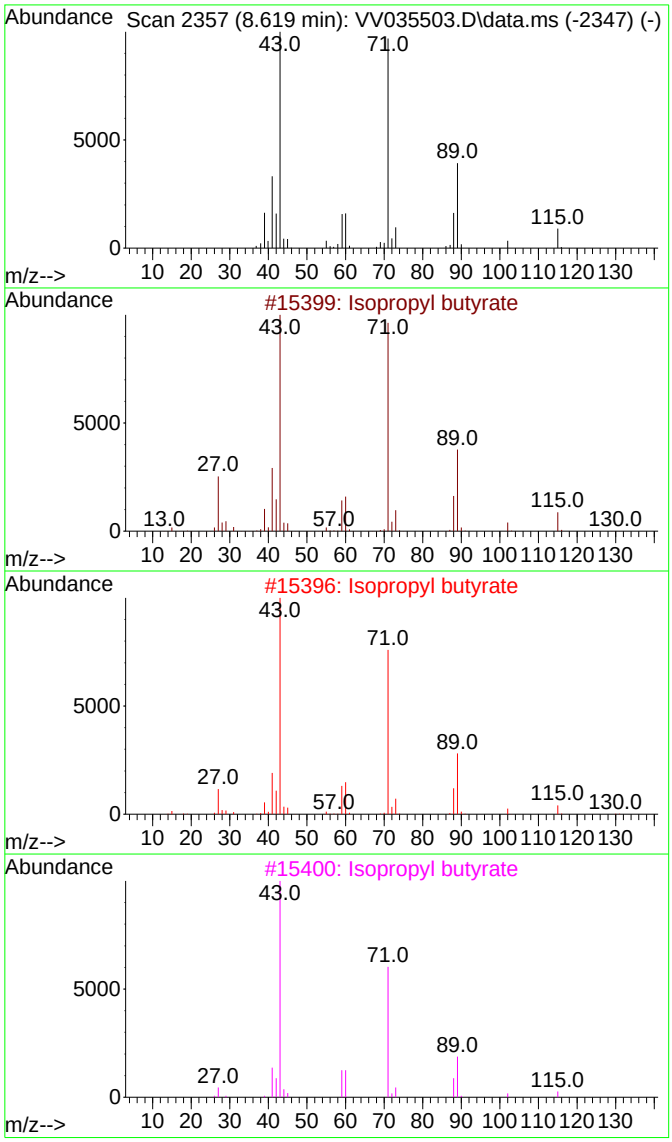
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

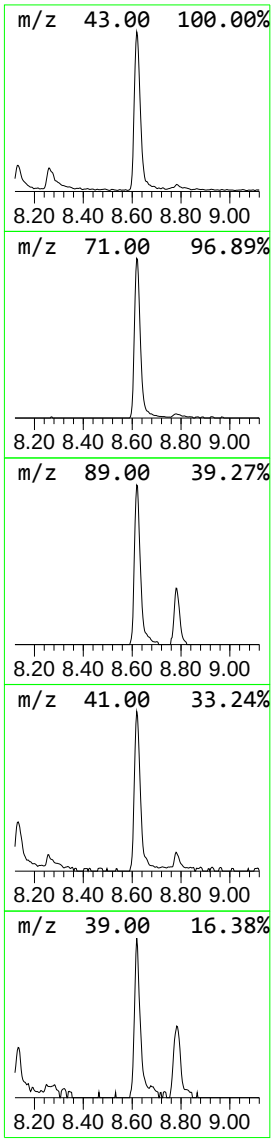
****

Peak Number 4 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.619	5.14 ug/L	142147	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	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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
n-Propyl acetate	6.400	6.3	ug/L	139386	1	5.532	1103210	50.0
Propanoic acid,...	8.133	2.8	ug/L	78084	2	8.783	1383810	50.0
Isopropyl butyrate	8.619	5.1	ug/L	142147	2	8.783	1383810	50.0