LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122123\
Data File : VV033532.D
Acq On : 21 Dec 2023 14:14
Operator : SY/MD
Sample : 05895-02 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCLT3

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\SFAMVLM121523WMA.M
Title : VOC Analysis

Signal : TIC: VV033532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	68	75	88	rVB	125304	134041	13.49%	1.716%
2	1.532	146	153	166	rVB	123023	144835	14.58%	1.854%
3	2.060	308	317	331	rBV	226563	337767	34.00%	4.323%
4	2.760	533	535	538	rBV3	963	674	0.07%	0.009%
5	2.847	560	562	566	rBV4	1137	728	0.07%	0.009%
6	2.886	572	574	581	rVB7	1479	1375	0.14%	0.018%
7	2.973	597	601	604	rBV5	919	941	0.09%	0.012%
8	3.008	611	612	619	rVB5	819	685	0.07%	0.009%
9	3.059	627	628	632	rBV3	1058	543	0.05%	0.007%
10	3.098	637	640	642	rBV4	1255	880	0.09%	0.011%
11	3.182	664	666	671	rBV4	1169	922	0.09%	0.012%
12	3.201	671	672	677	rVB4	852	463	0.05%	0.006%
13	3.285	695	698	699	rBV4	1266	749	0.08%	0.010%
14	3.314	705	707	711	rVB4	1122	740	0.07%	0.009%
15	3.342	711	716	717	rBV5	1512	1254	0.13%	0.016%
16	3.416	737	739	742	rBV4	861	720	0.07%	0.009%
17	3.436	743	745	747	rVB3	1348	472	0.05%	0.006%
18	3.455	747	751	755	rBV5	936	777	0.08%	0.010%
19	3.513	764	769	773	rBV5	1056	1055	0.11%	0.014%
20	3.609	796	799	804	rBV5	1677	1528	0.15%	0.020%
21	3.645	807	810	814	rVV5	1140	894	0.09%	0.011%
22	3.667	814	817	820	rVB6	1425	932	0.09%	0.012%
23	3.690	822	824	831	rVB8	1384	1616	0.16%	0.021%
24	3.725	831	835	837	rBV4	1071	600	0.06%	0.008%
25	3.783	845	853	885	rBV	54160	160184	16.12%	2.050%
26	4.249	982	998	1024	rBV	164068	427172	43.00%	5.467%
27	4.535	1083	1087	1089	rBV4	1242	874	0.09%	0.011%
28	4.609	1103	1110	1114	rBV7	1455	2044	0.21%	0.026%
29	4.754	1152	1155	1159	rVV6	1703	896	0.09%	0.011%
30	4.957	1202	1218	1243	rBV2	372050	993474	100.00%	12.715%
31	5.445	1368	1370	1375	rBV4	1389	1245	0.13%	0.016%
32	5.535	1385	1398	1429	rBV	287939	619937	62.40%	7.934%
33	5.989	1527	1539	1563	rBV	226236	470178	47.33%	6.018%
34	6.288	1627	1632	1634	rBV6	2197	2236	0.23%	0.029%
35	6.397	1658	1666	1689	rBV	42987	89982	9.06%	1.152%
36	6.776	1782	1784	1788	rBV5	1476	1227	0.12%	0.016%

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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
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ClientSampleId :
DCLT3

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\SFAMVLM121523WMA.M
Title : VOC Analysis

37	6.825	1797	1799	1803	rBV4	1282	1041	0.10%	0.013%
38	6.911	1817	1826	1847	rBV	106779	204405	20.57%	2.616%
39	7.120	1884	1891	1903	rBV2	16507	28071	2.83%	0.359%
40	7.243	1918	1929	1952	rBV	411060	743805	74.87%	9.520%
41	7.554	2017	2026	2045	rBV2	83408	158394	15.94%	2.027%
42	7.863	2113	2122	2135	rBV2	25033	43722	4.40%	0.560%
43	8.024	2163	2172	2199	rBV	189102	393073	39.57%	5.031%
44	8.619	2348	2357	2374	rBV	58796	101227	10.19%	1.296%
45	8.783	2398	2408	2432	rBV	496696	827898	83.33%	10.596%
46	9.281	2560	2563	2566	rBV4	1656	1333	0.13%	0.017%
47	9.497	2624	2630	2631	rBV4	2073	1921	0.19%	0.025%
48	9.548	2644	2646	2648	rBV3	1123	484	0.05%	0.006%
49	9.641	2673	2675	2676	rBV	1151	514	0.05%	0.007%
50	9.985	2780	2782	2784	rBV2	1064	539	0.05%	0.007%
51	10.008	2787	2789	2792	rVB4	1126	593	0.06%	0.008%
52	10.152	2824	2834	2854	rVB	295207	473341	47.65%	6.058%
53	10.333	2887	2890	2892	rBV3	1360	906	0.09%	0.012%
54	10.680	2996	2998	3001	rVB4	1047	459	0.05%	0.006%
55	10.696	3001	3003	3005	rBV3	1151	474	0.05%	0.006%
56	10.860	3051	3054	3057	rVB4	829	697	0.07%	0.009%
57	10.876	3057	3059	3064	rBV4	1307	1075	0.11%	0.014%
58	10.908	3064	3069	3070	rBV5	1310	931	0.09%	0.012%
59	10.940	3076	3079	3080	rBV2	1213	601	0.06%	0.008%
60	11.185	3145	3155	3172	rBV	442078	690883	69.54%	8.842%
61	11.377	3211	3215	3216	rBV4	1595	1067	0.11%	0.014%
62	11.387	3216	3218	3221	rVV3	1166	670	0.07%	0.009%
63	11.561	3258	3272	3291	rBV	431051	696844	70.14%	8.919%
64	11.844	3357	3360	3365	rBV6	1304	1168	0.12%	0.015%
65	11.879	3367	3371	3373	rVB5	1073	699	0.07%	0.009%
66	12.056	3421	3426	3430	rBV7	858	706	0.07%	0.009%
67	12.152	3450	3456	3460	rBV7	1409	1703	0.17%	0.022%
68	12.172	3460	3462	3465	rVB3	1357	775	0.08%	0.010%
69	12.275	3492	3494	3497	rVB4	865	495	0.05%	0.006%
70	12.355	3515	3519	3523	rVB4	945	922	0.09%	0.012%
71	12.377	3523	3526	3527	rBV2	936	574	0.06%	0.007%
72	12.413	3534	3537	3538	rBV2	1000	557	0.06%	0.007%
73	12.503	3561	3565	3567	rBV5	1275	983	0.10%	0.013%
74	12.551	3576	3580	3582	rBV5	836	687	0.07%	0.009%
75	12.574	3585	3587	3588	rBV3	1255	587	0.06%	0.008%
76	12.619	3598	3601	3604	rBV5	1058	821	0.08%	0.011%

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCLT3

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Title : VOC Analysis

77	12.705	3625	3628	3629	rBV3	1059	527	0.05%	0.007%
78	12.744	3638	3640	3645	rVB3	2045	1483	0.15%	0.019%
79	12.953	3700	3705	3706	rBV5	1378	909	0.09%	0.012%
80	13.046	3728	3734	3741	rBV6	1165	1179	0.12%	0.015%
81	13.139	3761	3763	3767	rBV4	1182	1108	0.11%	0.014%
82	13.201	3778	3782	3785	rBV5	1717	1417	0.14%	0.018%
83	13.442	3851	3857	3861	rBV6	1218	1537	0.15%	0.020%
84	13.564	3893	3895	3897	rBV3	1531	629	0.06%	0.008%
85	13.738	3946	3949	3951	rVB2	931	546	0.05%	0.007%
86	13.876	3987	3992	3993	rBV5	1777	1241	0.12%	0.016%
87	13.979	4018	4024	4026	rBV6	1563	1719	0.17%	0.022%
88	14.020	4034	4037	4038	rBV2	1562	751	0.08%	0.010%
89	14.130	4068	4071	4072	rBV3	1013	556	0.06%	0.007%
90	14.162	4079	4081	4085	rVB6	1444	863	0.09%	0.011%
91	14.278	4115	4117	4119	rVB3	1185	533	0.05%	0.007%
92	14.300	4119	4124	4126	rBV5	1309	1093	0.11%	0.014%
93	14.329	4131	4133	4139	rBV7	1055	1120	0.11%	0.014%
94	14.442	4165	4168	4172	rBV3	1313	868	0.09%	0.011%
95	14.564	4203	4206	4208	rBV2	1081	511	0.05%	0.007%
96	14.709	4248	4251	4253	rBV4	647	481	0.05%	0.006%
97	14.844	4289	4293	4299	rVB7	2144	1939	0.20%	0.025%
98	14.873	4299	4302	4303	rBV3	1249	792	0.08%	0.010%
99	14.985	4334	4337	4338	rBV4	1298	590	0.06%	0.008%
100	15.303	4434	4436	4438	rBV2	1145	630	0.06%	0.008%

Sum of corrected areas: 7813307

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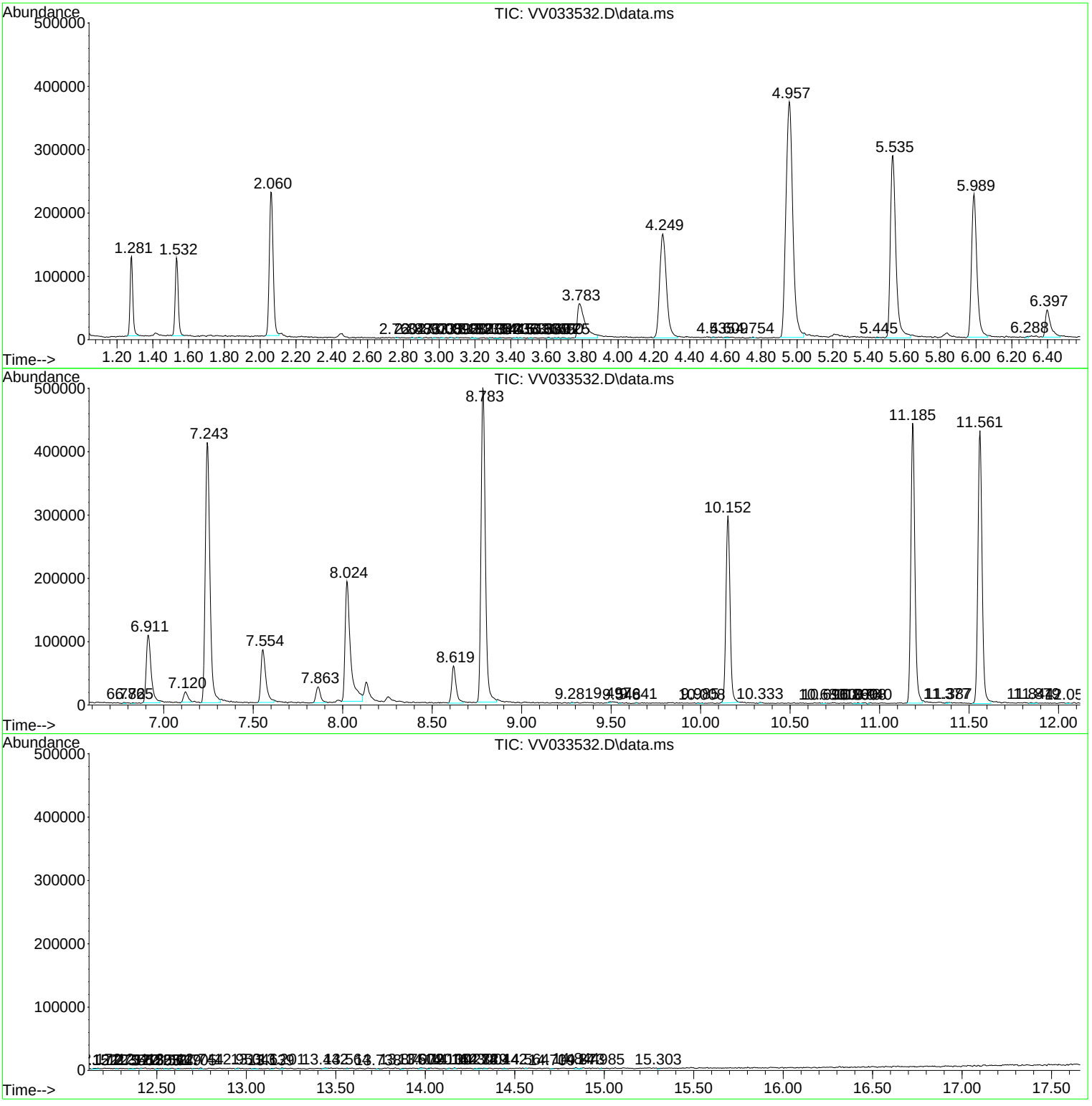
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCLT3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

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



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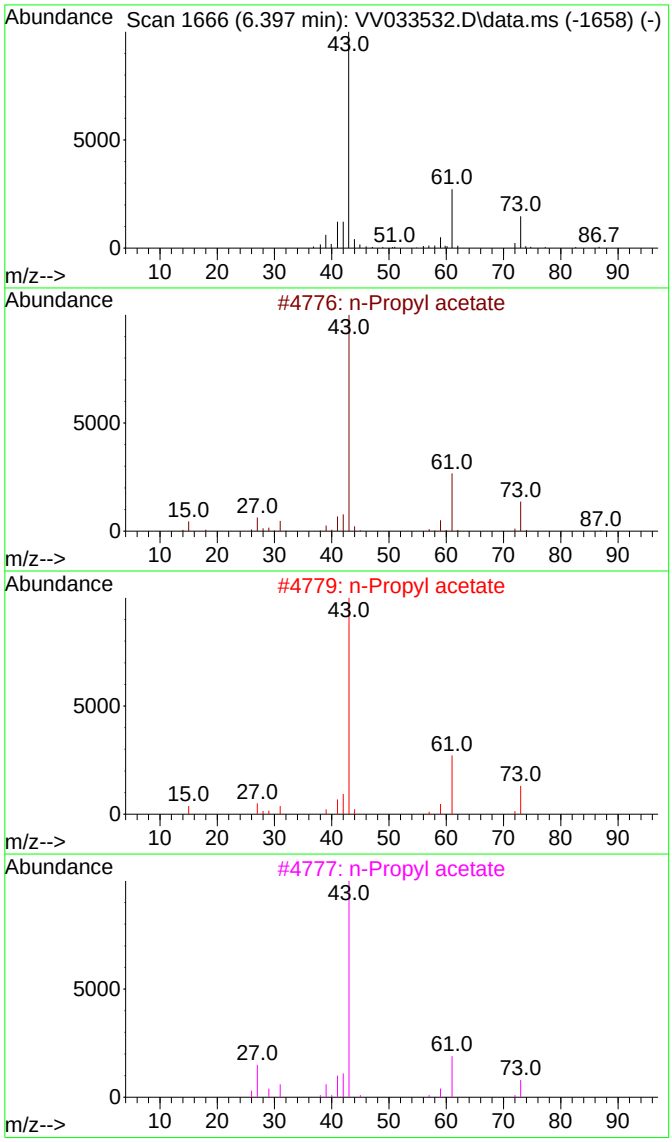
Quant Title : VOC Analysis

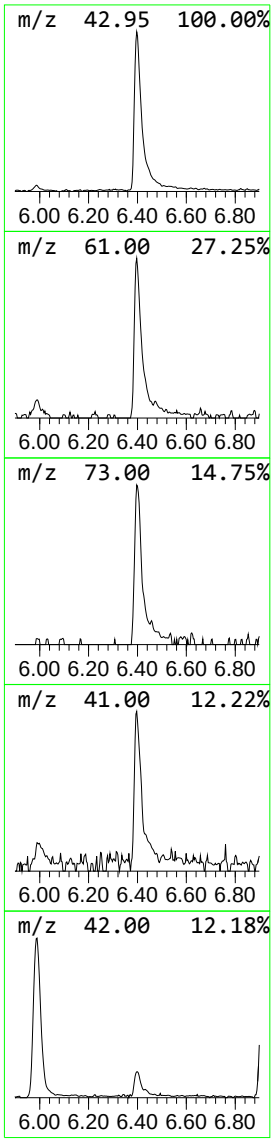
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.397	7.26 ug/L	89982	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	n-Propyl acetate	102	C5H10O2	000109-60-4	72
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	n-Propyl acetate	102	C5H10O2	000109-60-4	56
5	n-Propyl acetate	102	C5H10O2	000109-60-4	50





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCLT3

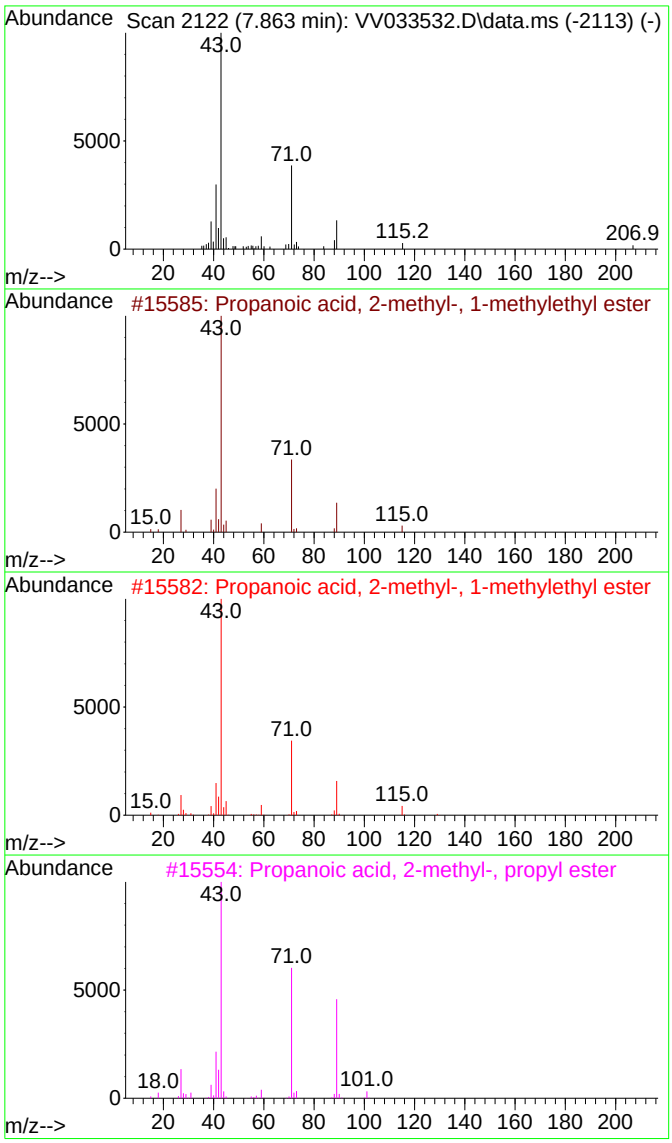
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

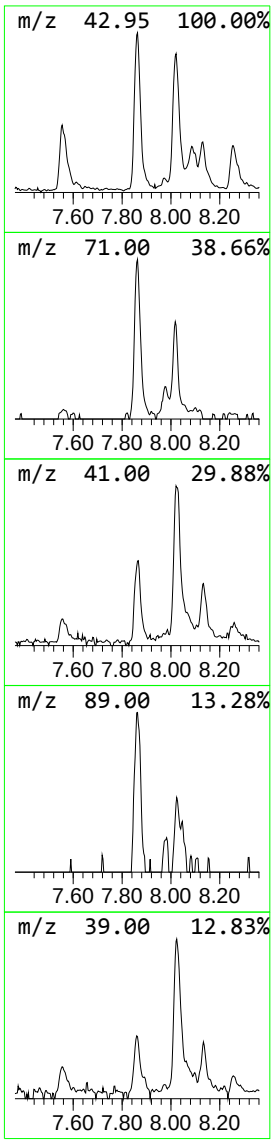
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	2.64 ug/L	43722	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	72
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





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ClientSampleId :
DCLT3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis

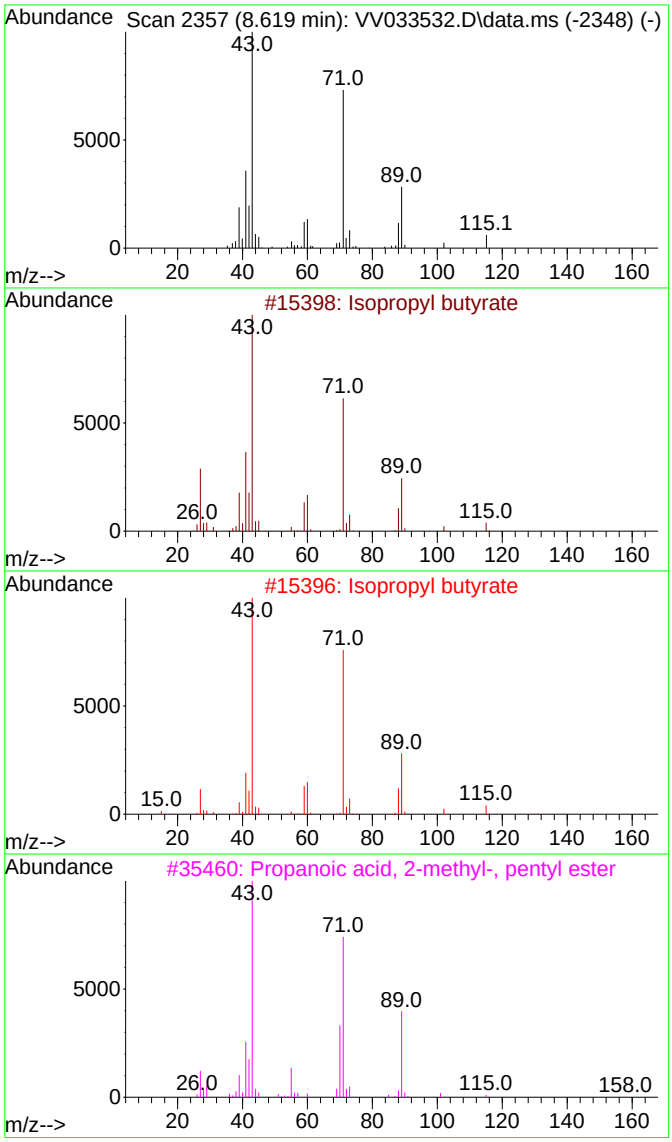
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

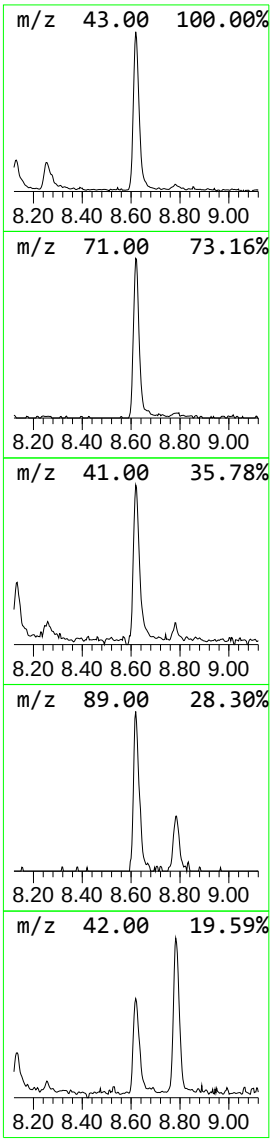
****

Peak Number 4 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.619	6.11 ug/L	101227	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	86
3	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	72
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5	Isopropyl butyrate	130	C7H14O2	000638-11-9	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.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	7.3	ug/L	89982	1	5.535	619937	50.0
Propanoic acid,...	7.863	2.6	ug/L	43722	2	8.783	827898	50.0
Isopropyl butyrate	8.619	6.1	ug/L	101227	2	8.783	827898	50.0