LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV080620\
Data File : VV017806.D
Acq On : 06 Aug 2020 12:03
Operator : SY/MD
Sample : L3565-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

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\SOMVLM073020WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.119	312	320	333	rBV	166538	245766	32.53%	4.061%
2	2.605	468	471	472	rBV	304	186	0.02%	0.003%
3	2.746	513	515	517	rBV	288	135	0.02%	0.002%
4	2.759	517	519	522	rVB	232	106	0.01%	0.002%
5	2.852	547	548	549	rBV	372	108	0.01%	0.002%
6	2.897	559	562	564	rBV	376	205	0.03%	0.003%
7	2.923	568	570	572	rBV	283	158	0.02%	0.003%
8	3.026	601	602	604	rVB	340	89	0.01%	0.001%
9	3.045	604	608	610	rBV	151	144	0.02%	0.002%
10	3.061	612	613	616	rBB	226	63	0.01%	0.001%
11	3.084	617	620	623	rBB2	533	337	0.04%	0.006%
12	3.106	624	627	630	rBV	249	171	0.02%	0.003%
13	3.135	635	636	639	rBB	303	131	0.02%	0.002%
14	3.148	639	640	642	rBB	118	44	0.01%	0.001%
15	3.161	642	644	645	rBV	332	153	0.02%	0.003%
16	3.312	689	691	692	rBV	271	126	0.02%	0.002%
17	3.354	700	704	709	rBV2	413	426	0.06%	0.007%
18	3.418	719	724	727	rBB	321	261	0.03%	0.004%
19	3.447	731	733	734	rBB	222	67	0.01%	0.001%
20	3.457	734	736	737	rBV	250	117	0.02%	0.002%
21	3.534	758	760	763	rBV	451	209	0.03%	0.003%
22	3.585	773	776	779	rBV2	283	165	0.02%	0.003%
23	3.630	786	790	792	rBB2	386	288	0.04%	0.005%
24	3.701	809	812	815	rBV	259	211	0.03%	0.003%
25	3.720	817	818	819	rBB	102	20	0.00%	0.000%
26	3.730	820	821	823	rBV	273	100	0.01%	0.002%
27	3.788	837	839	840	rBB	101	39	0.01%	0.001%
28	3.804	840	844	846	rBV	268	256	0.03%	0.004%
29	3.843	855	856	858	rBB	259	98	0.01%	0.002%
30	3.901	859	874	899	rBV	51442	143323	18.97%	2.368%
31	4.190	960	964	966	rBV	425	361	0.05%	0.006%
32	4.267	983	988	991	rBV4	622	628	0.08%	0.010%
33	4.286	992	994	999	rVB2	505	353	0.05%	0.006%
34	4.370	999	1020	1042	rBV	135538	331294	43.85%	5.474%

LSC Area Percent Report

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Sample : L3565-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

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\SOMVLM073020WMA.M
Title : VOC Analysis

35	4.618	1095	1097	1098	rBV	214	87	0.01%	0.001%
36	4.663	1107	1111	1113	rBB	337	250	0.03%	0.004%
37	4.682	1114	1117	1119	rBV	352	269	0.04%	0.004%
38	4.717	1126	1128	1129	rBV	337	101	0.01%	0.002%
39	4.823	1158	1161	1165	rBB2	399	281	0.04%	0.005%
40	4.846	1166	1168	1170	rBV	254	140	0.02%	0.002%
41	4.894	1181	1183	1185	rBB	149	73	0.01%	0.001%
42	4.917	1186	1190	1192	rBB	474	287	0.04%	0.005%
43	4.942	1193	1198	1200	rBV	475	307	0.04%	0.005%
44	4.958	1200	1203	1204	rBV	297	168	0.02%	0.003%
45	4.984	1207	1211	1215	rBV2	451	346	0.05%	0.006%
46	5.003	1215	1217	1219	rVB2	577	232	0.03%	0.004%
47	5.068	1219	1237	1259	rBV2	293314	755491	100.00%	12.483%
48	5.460	1356	1359	1362	rBV2	469	336	0.04%	0.006%
49	5.505	1371	1373	1375	rBB	141	73	0.01%	0.001%
50	5.547	1383	1386	1387	rBV2	487	192	0.03%	0.003%
51	5.637	1402	1414	1438	rBV	263934	524361	69.41%	8.664%
52	5.875	1483	1488	1489	rBV	422	306	0.04%	0.005%
53	5.926	1494	1504	1518	rBV4	10443	20786	2.75%	0.343%
54	6.003	1521	1528	1531	rBB3	598	714	0.09%	0.012%
55	6.042	1537	1540	1541	rBV	560	293	0.04%	0.005%
56	6.090	1543	1555	1576	rVV2	163073	327808	43.39%	5.416%
57	6.476	1664	1675	1695	rBV	375617	661068	87.50%	10.923%
58	7.007	1829	1840	1856	rBV	107107	190885	25.27%	3.154%
59	7.142	1880	1882	1885	rBV	610	343	0.05%	0.006%
60	7.334	1930	1942	1964	rBV	371880	645857	85.49%	10.671%
61	7.836	2096	2098	2100	rVB2	441	144	0.02%	0.002%
62	8.489	2299	2301	2303	rBV	587	288	0.04%	0.005%
63	8.614	2339	2340	2343	rVB2	435	170	0.02%	0.003%
64	8.627	2343	2344	2348	rBV	533	395	0.05%	0.007%
65	8.698	2354	2366	2382	rBV	251261	384276	50.86%	6.349%
66	9.042	2471	2473	2477	rVB	644	283	0.04%	0.005%
67	9.064	2478	2480	2481	rBV	388	149	0.02%	0.002%
68	9.199	2520	2522	2523	rBV	606	248	0.03%	0.004%
69	9.344	2563	2567	2570	rBV2	357	289	0.04%	0.005%
70	9.524	2619	2623	2625	rBV	245	200	0.03%	0.003%
71	9.820	2713	2715	2716	rBV	237	93	0.01%	0.002%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

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\SOMVLM073020WMA.M
Title : VOC Analysis

72	10.138	2811	2814	2815	rBV	283	144	0.02%	0.002%
73	10.164	2820	2822	2825	rVB	625	275	0.04%	0.005%
74	10.190	2828	2830	2831	rBV	239	119	0.02%	0.002%
75	10.238	2832	2845	2862	rBV	242325	376573	49.84%	6.222%
76	10.711	2990	2992	2995	rBV	423	274	0.04%	0.005%
77	10.778	3011	3013	3014	rBV	273	137	0.02%	0.002%
78	10.984	3076	3077	3079	rBV	130	30	0.00%	0.000%
79	11.042	3093	3095	3099	rBV2	608	427	0.06%	0.007%
80	11.154	3128	3130	3133	rBV	447	207	0.03%	0.003%
81	11.270	3155	3166	3188	rBV	470622	707098	93.59%	11.683%
82	11.444	3217	3220	3221	rBV	361	175	0.02%	0.003%
83	11.550	3249	3253	3257	rBV5	1475	1624	0.21%	0.027%
84	11.646	3272	3283	3302	rBV	464406	720599	95.38%	11.906%
85	11.784	3324	3326	3329	rBV	425	256	0.03%	0.004%
86	12.929	3679	3682	3684	rBV2	625	447	0.06%	0.007%
87	12.997	3701	3703	3704	rBV2	404	219	0.03%	0.004%

Sum of corrected areas: 6052331

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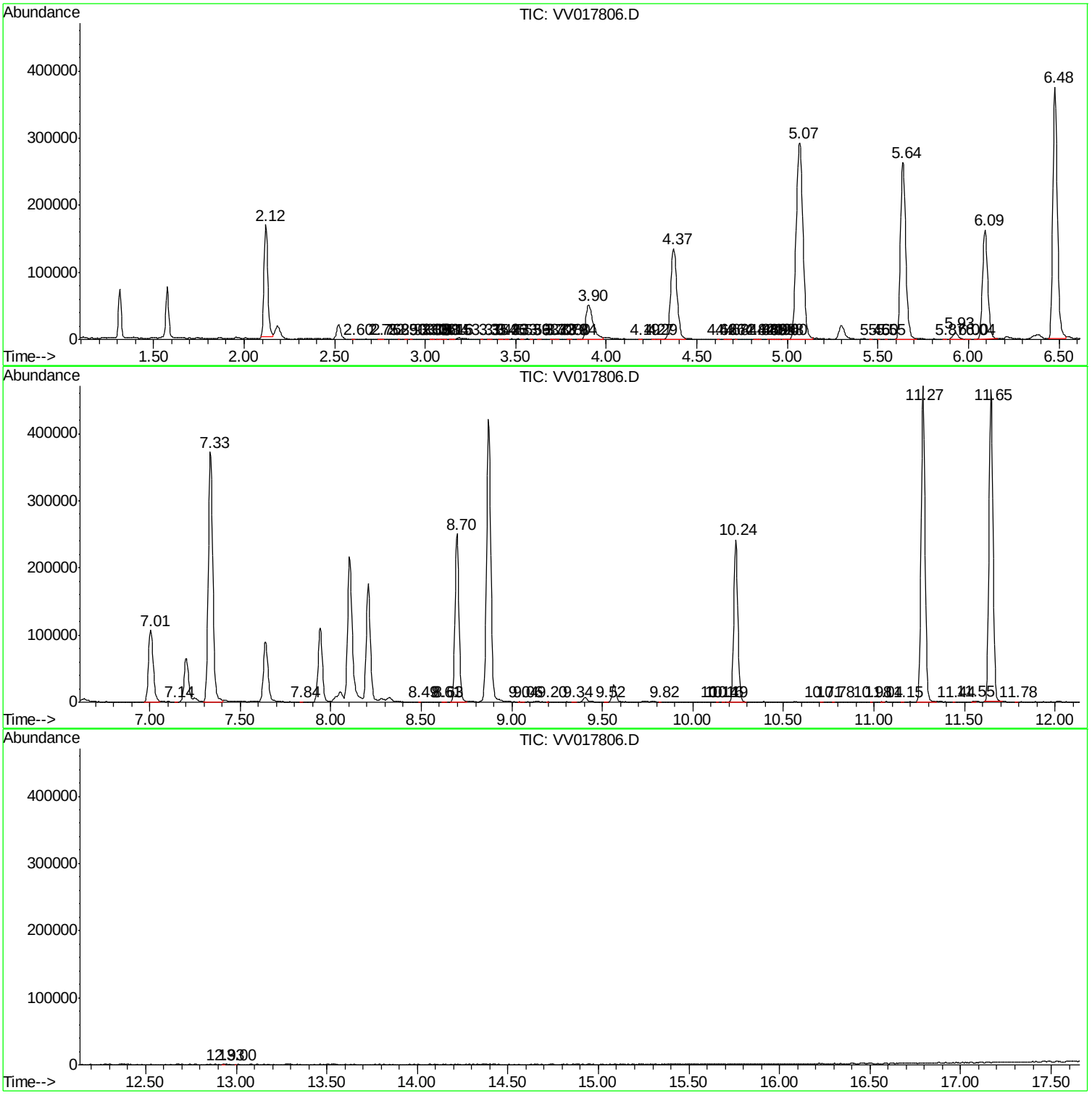
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV080620\
Data File : VV017806.D
Acq On : 06 Aug 2020 12:03
Operator : SY/MD
Sample : L3565-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

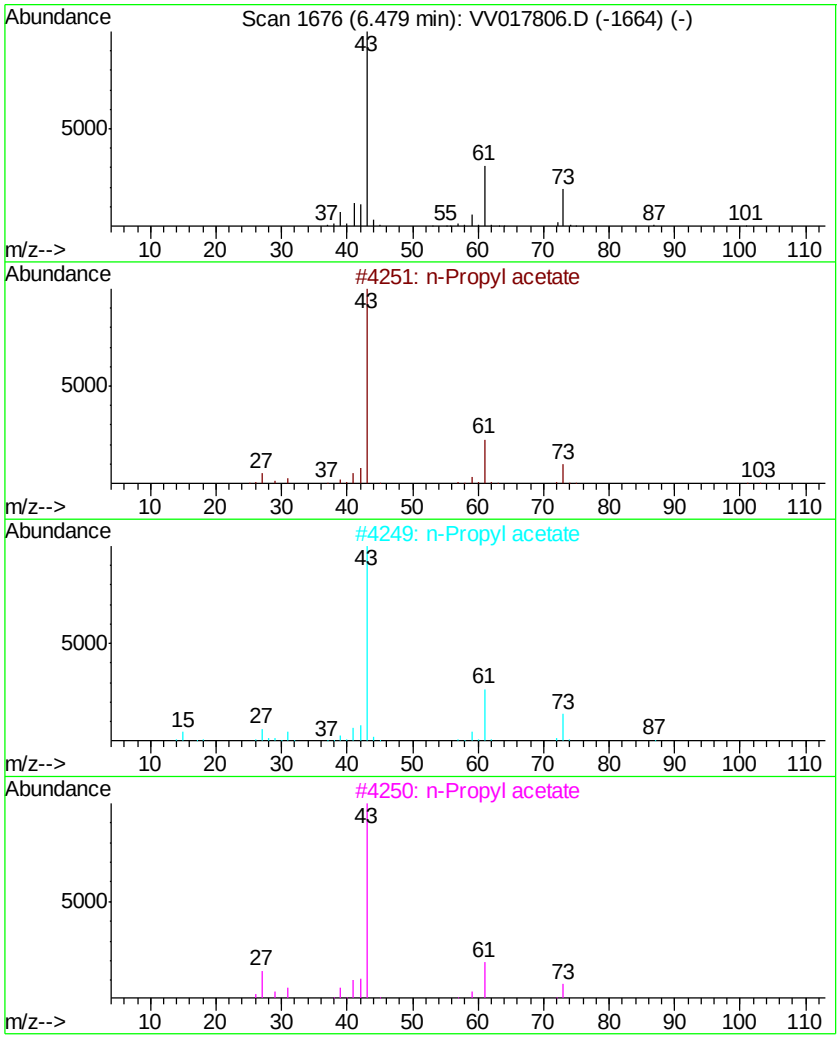
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

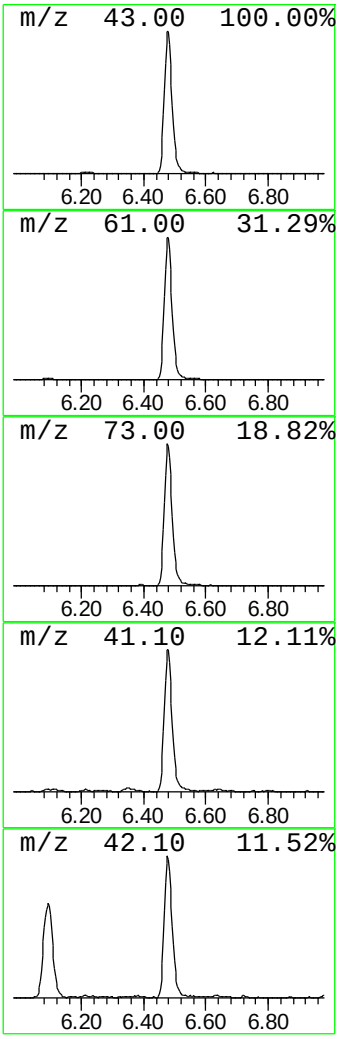
****

Peak Number 1 n-Propyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	63.04 ug/L	661068	1,4-Difluorobenzene	5.64

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	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	59
4	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	38
5	Isopropyl acetate	102	C5H10O2	000108-21-4	28





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080620\
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Acq On : 06 Aug 2020 12:03
Operator : SY/MD
Sample : L3565-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

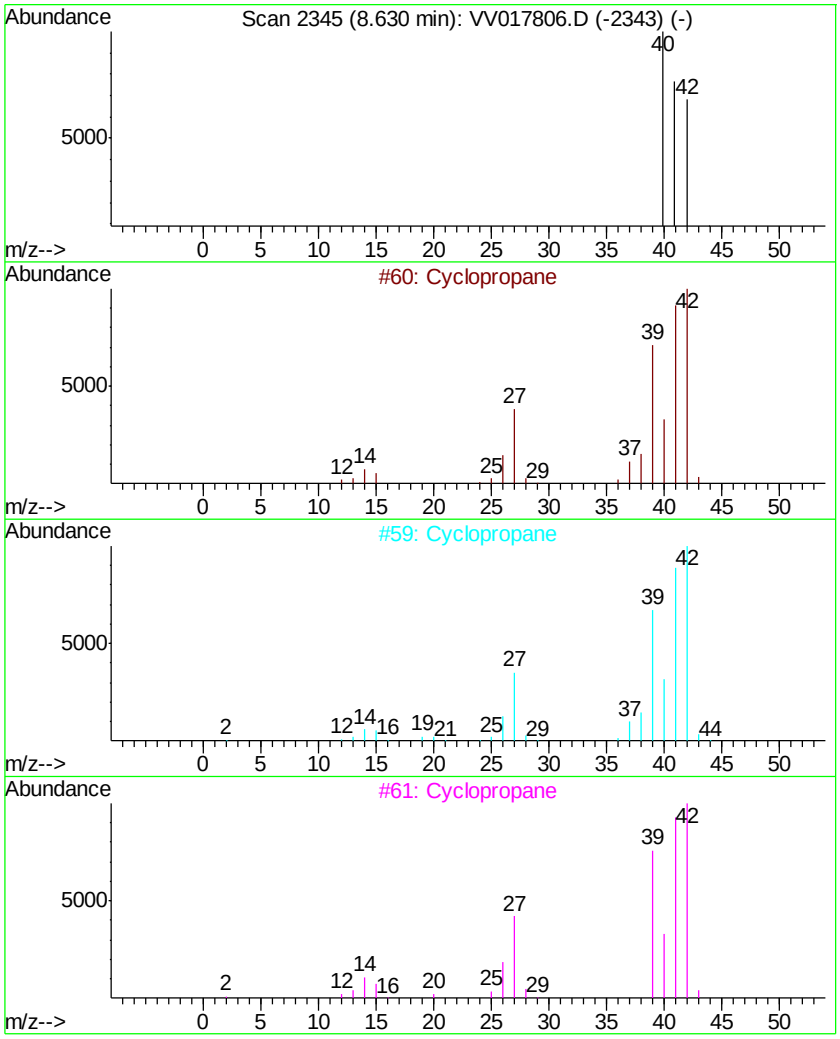
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

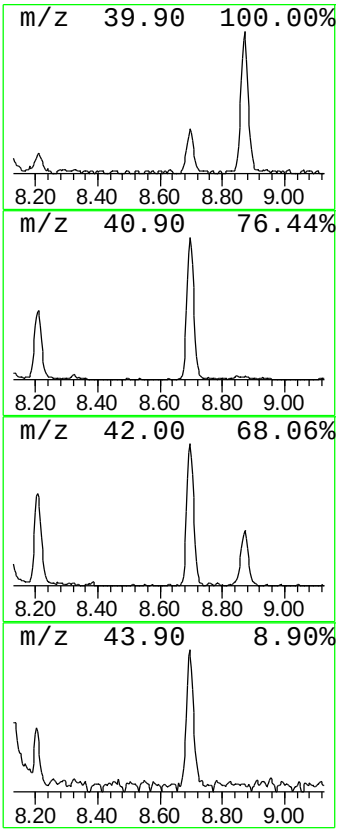
****

Peak Number 6 (DEL) Alkane: Cyclic8.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	69.79 ug/L	395	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	4
2	Cyclopropane	42	C3H6	000075-19-4	4
3	Cyclopropane	42	C3H6	000075-19-4	4
4	Propene	42	C3H6	000115-07-1	4
5	Propene	42	C3H6	000115-07-1	4





Library Search Compound Report

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Acq On : 06 Aug 2020 12:03
Operator : SY/MD
Sample : L3565-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG0A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

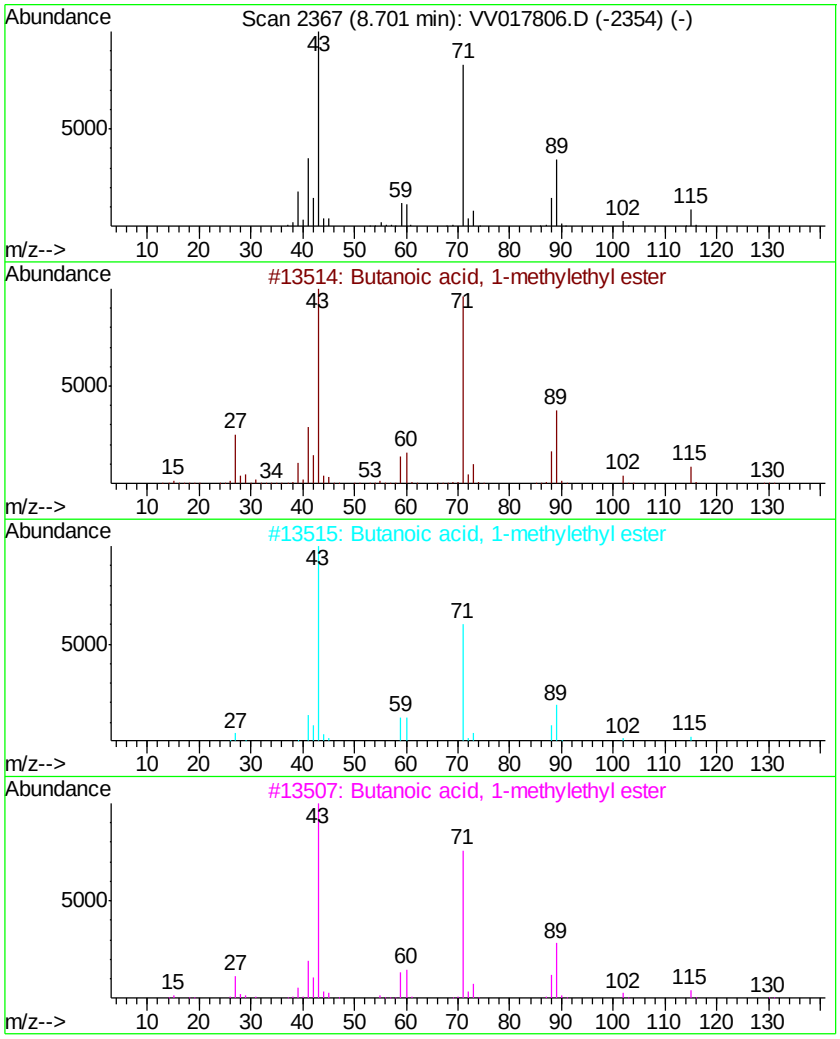
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

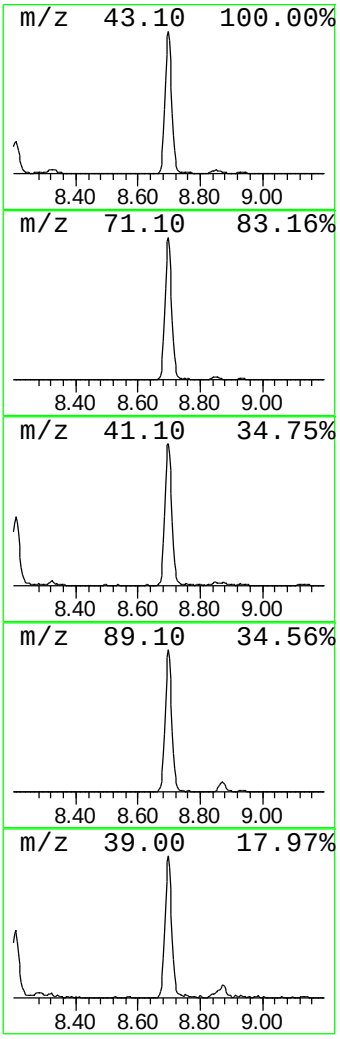
****

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	67893.30 ug/L	384276	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





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ClientSampleId : BG0A0

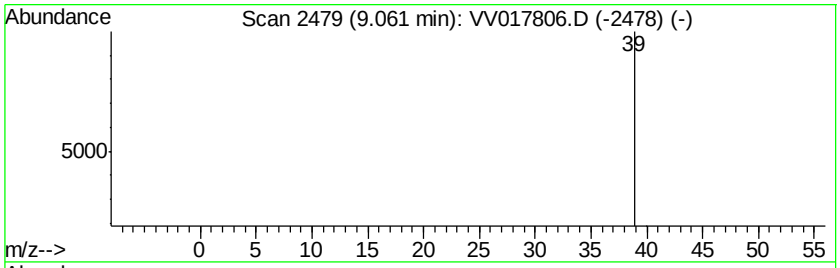
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

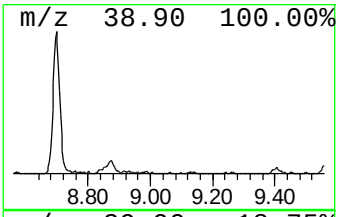
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

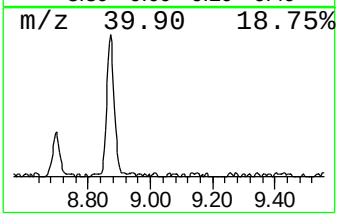
****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

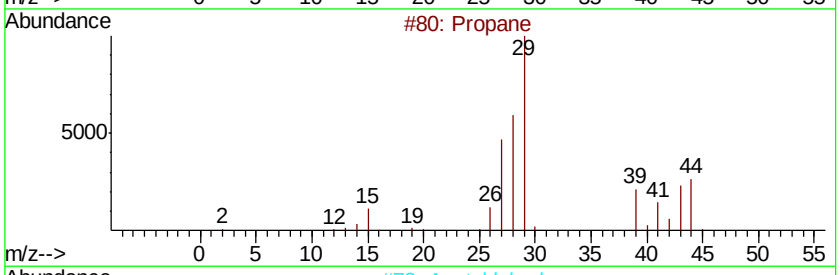
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	26.33 ug/L	149	Chlorobenzene-d5	8.87

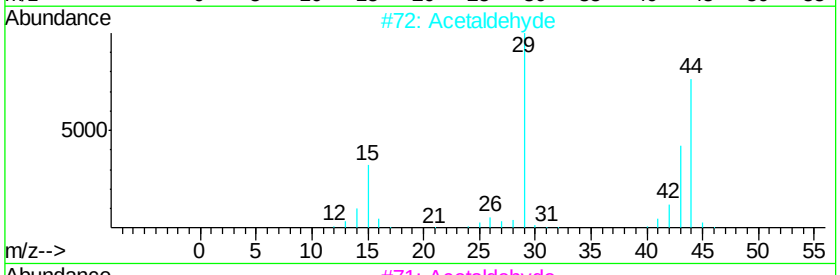
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	4
2	Acetaldehyde	44	C2H4O	000075-07-0	4
3	Acetaldehyde	44	C2H4O	000075-07-0	4
4	Propane	44	C3H8	000074-98-6	3
5	Propane	44	C3H8	000074-98-6	3

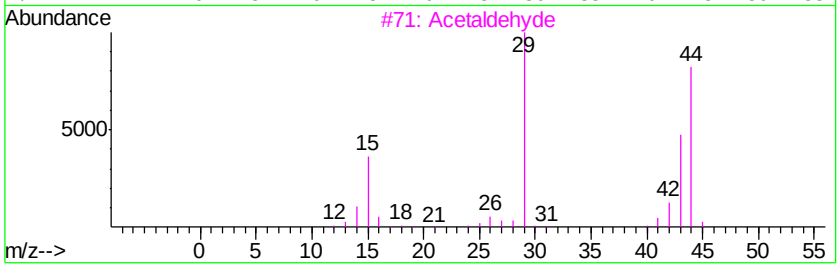












Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_V
ClientSampleId : BG0A0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	6.48	63.0	ug/L	661068	1	5.64	524361	50.0
(DEL) Alkane: Cyc...	8.63	69.8	ug/L	395	2	8.87	283	50.0
Butanoic acid, 1-...	8.70	67893.3	ug/L	384276	2	8.87	283	50.0
(DEL) Alkane: Str...	9.06	26.3	ug/L	149	2	8.87	283	50.0